



SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH

Contract: REMI02

Lab Code: CHEM

CASE No.: 02505

SAS No.: 02505

SDG No.: 02505

Run Number: FC042723AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
BU-511-06MS	69	49		0
BU-511-06MSD	69	52		0
PB152444BL	86	84		0
PB152444BS	90	84		0
PB152444BSD	89	83		0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out



SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH

Contract: REMI02

Lab Code: CHEM

CASE No.: O2505

SAS No.: O2505

SDG No.: O2505

Run Number: FE042723AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
WO-1	69	48		0
WO-2	50	51		0
WO-3	55	53		0
WO-4	31 *	30 *		2
WO-5	47	63		0
WO-6	33 *	31 *		2

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out



SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: REMI02

Lab Code: CHEM CASE No.: O2505 SAS No.: O2505 SDG No.: O2505

Run Number: FE050123AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
WO-3DL	75	72		0
WO-4DL	46	40		0
WO-5DL	106	76		0
WO-6DL	47	41		0

QC LIMITS

1-chlorooctadecane (SURR) (40-140)

ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values

* Values outside of contract required QC Limits

D Surrogate diluted out



SOIL EPH SURROGATE RECOVERY

QC LIMITS

1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out



SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech Client: Remington & Vernick Engineers

Lab Code: CHEM Cas No: O2505 SAS No : O2505 SDG No: O2505

Sample No : O2502-14MS Datafile: FC063482.D

Client ID : BU-511-06MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	32.0	2.57	30.2	86		(40-140)
Aliphatic C9-C28	106.8	6.52	96.7	84		(40-140)



SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:

Chemtech

Client:

Remington & Vernick Engineers

Lab Code:

CHEM

Cas No:

O2505

SAS No :

O2505

SDG No:

O2505

Sample No :

O2502-14MSD

Datafile:

FC063483.D

Client ID :

BU-511-06MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	32.0	2.57	32.6	94		8.44 (40-140)	25
Aliphatic C9-C28	106.6	6.52	99.1	87		2.9 (40-140)	25



SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech Client: Remington & Vernick Engineers

Lab Code: CHEM Cas No: O2505 SAS No : O2505 SDG No: O2505

Sample No : PB152444BS Datafile: FC063477.D

Client ID : PB152444BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	23.9	80		(40-140)
Aliphatic C9-C28	100.1	83.9	84		(40-140)



SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:

Chemtech

Client:

Remington & Vernick Engineers

Lab Code:

CHEM

Cas No:

O2505

SAS No :

O2505

SDG No:

O2505

Sample No :

PB152444BSD

Datafile:

FC063478.D

Client ID :

PB152444BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	24.1	80		0.85 (40-140)	50
Aliphatic C9-C28	99.9	83.2	83		0.684 (40-140)	50



4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB152444BL

Lab Name: CHEMTECH

Contract: REMI02

Lab Code: CHEM Case No.: O2505

SAS No.: O2505 SDG NO.: O2505

Instrument ID: FID_C

Lab Sample ID: PB152444BL

Matrix: (soil/water) Solid

Date Extracted: 4/27/2023 10:07:00

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID
PB152444BS	PB152444BS
PB152444BSD	PB152444BSD
BU-511-06MS	O2502-14MS
BU-511-06MSD	O2502-14MSD
WO-1	O2505-01
WO-2	O2505-02
WO-3	O2505-03
WO-4	O2505-04
WO-5	O2505-05
WO-6	O2505-06

COMMENTS: _____



284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID: O2505	OrderDate: 4/26/2023 11:28:25 AM
Client: Remington & Vernick Engineers	Project: 169 Bridgeton Pike Mullica Hill, NJ # 0800X062
Contact: Justin Zarzecki	Location: M11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
02505-01	WO-1	Solid	EPH_NF	NJEPH	04/25/23	04/27/23	04/28/23	04/26/23
02505-02	WO-2	Solid	EPH_NF	NJEPH	04/25/23	04/27/23	04/28/23	04/26/23
02505-03	WO-3	Solid	EPH_NF	NJEPH	04/25/23	04/27/23	04/28/23	04/26/23
			EPH_NF	NJEPH		04/27/23	05/01/23	
02505-04	WO-4	Solid	EPH_NF	NJEPH	04/25/23	04/27/23	04/28/23	04/26/23
			EPH_NF	NJEPH		04/27/23	05/01/23	
02505-05	WO-5	Solid	EPH_NF	NJEPH	04/25/23	04/27/23	04/28/23	04/26/23
			EPH_NF	NJEPH		04/27/23	05/01/23	
02505-06	WO-6	Solid	EPH_NF	NJEPH	04/25/23	04/27/23	04/28/23	04/26/23
			EPH_NF	NJEPH		04/27/23	05/01/23	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:

FC040523AL

Instrument

FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
5 PPM ALIPHATIC HC	FC063299.D	A~2-methylnaphthalene (C12.89)	yogesh	4/5/2023 10:13:13 AM	Ankita	4/5/2023 11:06:34	Peak Integrated by Software
5 PPM ALIPHATIC HC	FC063299.D	A~Naphthalene (C11.7)	yogesh	4/5/2023 10:13:13 AM	Ankita	4/5/2023 11:06:34	Peak Integrated by Software
5 PPM ALIPHATIC HC	FC063299.D	n-Tetradecane (C14)	yogesh	4/5/2023 10:13:13 AM	Ankita	4/5/2023 11:06:34	Peak Integrated by Software



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:

FC042723AL

Instrument

FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB152444BSD	FC063478.D	n-Tetracosane (C24)	yogesh	5/1/2023 8:19:04 AM	Ankita	5/1/2023 9:06:33	Peak Integrated by Software



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:

FE042123AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
10 PPM ALIPHATIC HC	FE041459.D	n-Tetratriacontane (C34)	yogesh	4/21/2023 8:17:13 AM	Ankita	4/21/2023 8:46:28	Peak Integrated by Software
5 PPM ALIPHATIC HC	FE041460.D	n-Hexatriacontane (C36)	yogesh	4/21/2023 8:17:15 AM	Ankita	4/21/2023 8:46:29	Peak Integrated by Software
5 PPM ALIPHATIC HC	FE041460.D	n-Octatriacontane (C38)	yogesh	4/21/2023 8:17:15 AM	Ankita	4/21/2023 8:46:29	Peak Integrated by Software
5 PPM ALIPHATIC HC	FE041460.D	n-Tetratriacontane (C34)	yogesh	4/21/2023 8:17:15 AM	Ankita	4/21/2023 8:46:29	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041463.D	n-Hexatriacontane (C36)	yogesh	4/21/2023 8:17:17 AM	Ankita	4/21/2023 8:46:31	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041463.D	n-Octatriacontane (C38)	yogesh	4/21/2023 8:17:17 AM	Ankita	4/21/2023 8:46:31	Peak Integrated by Software



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:

FE042723AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE041589.D	n-Hexatriacontane (C36)	yogesh	5/1/2023 8:57:08 AM	Ankita	5/1/2023 9:06:11	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041589.D	n-Octatriacontane (C38)	yogesh	5/1/2023 8:57:08 AM	Ankita	5/1/2023 9:06:11	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041589.D	n-Tetracontane (C40)	yogesh	5/1/2023 8:57:08 AM	Ankita	5/1/2023 9:06:11	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041589.D	n-Tetratriacontane (C34)	yogesh	5/1/2023 8:57:08 AM	Ankita	5/1/2023 9:06:11	Peak Integrated by Software
O2505-05	FE041606.D	1-chlorooctadecane (SURR)	yogesh	5/1/2023 8:57:09 AM	Ankita	5/1/2023 9:06:12	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041608.D	n-Hexatriacontane (C36)	yogesh	5/1/2023 8:57:27 AM	Ankita	5/1/2023 9:06:13	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041608.D	n-Tetracontane (C40)	yogesh	5/1/2023 8:57:27 AM	Ankita	5/1/2023 9:06:13	Peak Integrated by Software
O2505-05DL	FE041616.D	1-chlorooctadecane (SURR)	yogesh	5/1/2023 8:57:13 AM	Ankita	5/1/2023 9:06:15	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041620.D	n-Hexatriacontane (C36)	yogesh	5/1/2023 8:57:15 AM	Ankita	5/1/2023 9:06:17	Peak Integrated by Software



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:

FE050123AL

Instrument

FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FE041623.D	n-Dotriacontane (C32)	yogesh	5/1/2023 1:37:00 PM	Ankita	5/2/2023 8:27:02	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041623.D	n-Octatriacontane (C38)	yogesh	5/1/2023 1:37:00 PM	Ankita	5/2/2023 8:27:02	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041623.D	n-Tetracontane (C40)	yogesh	5/1/2023 1:37:00 PM	Ankita	5/2/2023 8:27:02	Peak Integrated by Software
O2557-02MS	FE041641.D	n-Hexatriacontane (C36)	yogesh	5/2/2023 7:35:09 AM	Ankita	5/2/2023 8:27:03	Peak Integrated by Software
O2557-02MSD	FE041642.D	n-Hexatriacontane (C36)	yogesh	5/2/2023 7:35:10 AM	Ankita	5/2/2023 8:27:05	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041652.D	n-Hexatriacontane (C36)	yogesh	5/2/2023 7:35:12 AM	Ankita	5/2/2023 8:27:06	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041652.D	n-Octatriacontane (C38)	yogesh	5/2/2023 7:35:12 AM	Ankita	5/2/2023 8:27:06	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041652.D	n-Tetracontane (C40)	yogesh	5/2/2023 7:35:12 AM	Ankita	5/2/2023 8:27:06	Peak Integrated by Software
O2559-07MS	FE041657.D	n-Tetracontane (C40)	yogesh	5/2/2023 7:35:14 AM	Ankita	5/2/2023 8:27:08	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041660.D	n-Hexatriacontane (C36)	yogesh	5/2/2023 8:01:03 AM	Ankita	5/2/2023 8:27:10	Peak Integrated by Software
20 PPM ALIPHATIC HC	FE041660.D	n-Octatriacontane (C38)	yogesh	5/2/2023 8:01:03 AM	Ankita	5/2/2023 8:27:10	Peak Integrated by Software



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC040523AL

Review By	yogesh	Review On	4/4/2023 3:14:24 PM
Supervise By	Ankita	Supervise On	4/5/2023 11:06:40 AM
SubDirectory	FC040523AL	HP Acquire Method	HP Processing Method FC040523AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP21064,PP21829,PP21830,PP21831,PP21832		
CCC	PP21830		
Internal Standard/PEM	PP21065,PP21833		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampled	Data File Name	Date-Time	Operator	Status
1	MECL2	FC063293.D	05 Apr 2023 01:12	YP/AJ	Ok
2	I.BLK	FC063294.D	05 Apr 2023 01:55	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC063295.D	05 Apr 2023 03:19	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC063296.D	05 Apr 2023 04:00	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC063297.D	05 Apr 2023 04:41	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC063298.D	05 Apr 2023 06:03	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC063299.D	05 Apr 2023 06:42	YP/AJ	Ok,M
8	20 PPM ALIPHATIC HC STD ICV	FC063300.D	05 Apr 2023 07:22	YP/AJ	Ok
9	I.BLK	FC063301.D	05 Apr 2023 08:43	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC063302.D	05 Apr 2023 09:25	YP/AJ	Ok

M : Manual Integration

Daily Analysis Runlog For Sequence/QC Batch ID # FC042723AL

Review By	yogesh	Review On	4/27/2023 12:16:23 PM
Supervise By	Ankita	Supervise On	5/1/2023 9:06:37 AM
SubDirectory	FC042723AL	HP Acquire Method	HP Processing Method FC040523AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP21064,PP21829,PP21830,PP21831,PP21832		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP21830 PP21065,PP21833		

Sr#	SampleID	Data File Name	Date-Time	Operator	Status
1	MECL2	FC063463.D	27 Apr 2023 07:46	YP/AJ	Ok
2	I.BLK	FC063464.D	27 Apr 2023 08:22	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC063465.D	27 Apr 2023 10:54	YP/AJ	Ok
4	PB152438BL	FC063466.D	27 Apr 2023 11:35	YP/AJ	Ok
5	PB152438BS	FC063467.D	27 Apr 2023 12:12	YP/AJ	Ok
6	PB152438BSD	FC063468.D	27 Apr 2023 12:51	YP/AJ	Ok
7	O2503-05	FC063469.D	27 Apr 2023 13:29	YP/AJ	Ok
8	O2503-06	FC063470.D	27 Apr 2023 14:07	YP/AJ	Ok
9	O2503-06D	FC063471.D	27 Apr 2023 14:45	YP/AJ	Ok
10	O2503-06MS	FC063472.D	27 Apr 2023 15:24	YP/AJ	Ok
11	O2503-06MSD	FC063473.D	27 Apr 2023 16:02	YP/AJ	Ok
12	I.BLK	FC063474.D	27 Apr 2023 16:40	YP/AJ	Ok
13	20 PPM ALIPHATIC HC STD	FC063475.D	27 Apr 2023 17:18	YP/AJ	Ok
14	PB152444BL	FC063476.D	27 Apr 2023 18:35	YP/AJ	Ok
15	PB152444BS	FC063477.D	27 Apr 2023 19:14	YP/AJ	Ok
16	PB152444BSD	FC063478.D	27 Apr 2023 19:52	YP/AJ	Ok,M
17	O2502-13	FC063479.D	27 Apr 2023 20:30	YP/AJ	Ok
18	O2502-14D	FC063480.D	27 Apr 2023 21:07	YP/AJ	Ok
19	O2502-14	FC063481.D	27 Apr 2023 21:45	YP/AJ	Ok
20	O2502-14MS	FC063482.D	27 Apr 2023 22:22	YP/AJ	Ok
21	O2502-14MSD	FC063483.D	27 Apr 2023 23:00	YP/AJ	Ok
22	I.BLK	FC063484.D	28 Apr 2023 01:35	YP/AJ	Ok
23	20 PPM ALIPHATIC HC STD	FC063485.D	28 Apr 2023 02:12	YP/AJ	Ok



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC042723AL

Review By	yogesh	Review On	4/27/2023 12:16:23 PM
Supervise By	Ankita	Supervise On	5/1/2023 9:06:37 AM
SubDirectory	FC042723AL	HP Acquire Method	HP Processing Method FC040523AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP21064,PP21829,PP21830,PP21831,PP21832		
CCC Internal Standard/PEM	PP21830		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP21065,PP21833		

M : Manual Integration



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE042123AL

Review By	yogesh	Review On	4/20/2023 3:09:59 PM
Supervise By	Ankita	Supervise On	4/21/2023 8:46:38 AM
SubDirectory	FE042123AL	HP Acquire Method	HP Processing Method FE042123AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP21954,PP21956,PP21957,PP21958,PP21959		
CCC	PP21957		
Internal Standard/PEM			
ICV/I.BLK	PP21955,PP21960		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	Data File Name	Date-Time	Operator	Status
1	MECL2	FE041454.D	20 Apr 2023 16:53	YP\AJ	Ok
2	I.BLK	FE041455.D	20 Apr 2023 17:23	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE041456.D	20 Apr 2023 17:54	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE041457.D	20 Apr 2023 18:24	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE041458.D	20 Apr 2023 18:54	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE041459.D	20 Apr 2023 19:24	YP\AJ	Ok,M
7	5 PPM ALIPHATIC HC STD5	FE041460.D	20 Apr 2023 19:55	YP\AJ	Ok,M
8	20 PPM ALIPHATIC HC STD ICV	FE041461.D	20 Apr 2023 20:25	YP\AJ	Ok
9	I.BLK	FE041462.D	20 Apr 2023 21:55	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE041463.D	20 Apr 2023 22:26	YP\AJ	Ok,M

M : Manual Integration

Daily Analysis Runlog For Sequence/QC Batch ID # FE042723AL

Review By	yogesh	Review On	4/27/2023 11:01:52 AM
Supervise By	Ankita	Supervise On	5/1/2023 9:06:27 AM
SubDirectory	FE042723AL	HP Acquire Method	HP Processing Method FE042123AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP21954,PP21956,PP21957,PP21958,PP21959		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP21957 PP21955,PP21960		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE041562.D	27 Apr 2023 07:50	YP\AJ	Ok
2	I.BLK	FE041563.D	27 Apr 2023 08:20	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE041564.D	27 Apr 2023 08:50	YP\AJ	Ok
4	O2491-03	FE041565.D	27 Apr 2023 09:21	YP\AJ	Ok
5	I.BLK	FE041566.D	27 Apr 2023 09:51	YP\AJ	Ok
6	20 PPM ALIPHATIC HC STD	FE041567.D	27 Apr 2023 10:51	YP\AJ	Ok
7	O2503-07	FE041568.D	27 Apr 2023 11:39	YP\AJ	Ok
8	O2503-12	FE041569.D	27 Apr 2023 12:10	YP\AJ	Ok
9	O2503-19	FE041570.D	27 Apr 2023 12:40	YP\AJ	Ok
10	O2503-20	FE041571.D	27 Apr 2023 13:10	YP\AJ	Ok
11	O2503-21	FE041572.D	27 Apr 2023 13:40	YP\AJ	Ok
12	O2504-05	FE041573.D	27 Apr 2023 14:11	YP\AJ	Not Ok
13	O2504-06	FE041574.D	27 Apr 2023 14:41	YP\AJ	Ok
14	O2504-07	FE041575.D	27 Apr 2023 15:11	YP\AJ	Not Ok
15	O2504-12	FE041576.D	27 Apr 2023 15:41	YP\AJ	Ok
16	O2504-13	FE041577.D	27 Apr 2023 16:11	YP\AJ	Ok
17	O2504-14	FE041578.D	27 Apr 2023 16:41	YP\AJ	Ok
18	O2504-19	FE041579.D	27 Apr 2023 17:12	YP\AJ	Ok
19	O2504-20	FE041580.D	27 Apr 2023 17:42	YP\AJ	Ok
20	O2504-21	FE041581.D	27 Apr 2023 18:12	YP\AJ	Ok
21	O2507-01	FE041582.D	27 Apr 2023 18:42	YP\AJ	Ok
22	O2507-02	FE041583.D	27 Apr 2023 19:12	YP\AJ	Ok
23	O2503-13	FE041584.D	27 Apr 2023 19:42	YP\AJ	Dilution

Daily Analysis Runlog For Sequence/QC Batch ID # FE042723AL

Review By	yogesh	Review On	4/27/2023 11:01:52 AM		
Supervise By	Ankita	Supervise On	5/1/2023 9:06:27 AM		
SubDirectory	FE042723AL	HP Acquire Method		HP Processing Method	FE042123AL
STD. NAME	STD REF.#				
Tune/Reschk Initial Calibration Stds	PP21954,PP21956,PP21957,PP21958,PP21959				
CCC Internal Standard/PEM	PP21957				
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP21955,PP21960				
24	O2503-14	FE041585.D	27 Apr 2023 20:13	YP\AJ	Dilution
25	O2503-13DL	FE041586.D	27 Apr 2023 20:43	YP\AJ	Ok
26	O2503-14DL	FE041587.D	27 Apr 2023 21:13	YP\AJ	Not Ok
27	I.BLK	FE041588.D	27 Apr 2023 22:13	YP\AJ	Ok
28	20 PPM ALIPHATIC HC STD	FE041589.D	27 Apr 2023 23:44	YP\AJ	Ok,M
29	O2502-05	FE041590.D	28 Apr 2023 00:15	YP\AJ	Ok
30	O2502-06	FE041591.D	28 Apr 2023 00:44	YP\AJ	Ok
31	O2502-07	FE041592.D	28 Apr 2023 01:14	YP\AJ	Ok
32	O2502-12	FE041593.D	28 Apr 2023 01:45	YP\AJ	Ok
33	O2505-01	FE041594.D	28 Apr 2023 02:15	YP\AJ	Ok
34	O2505-02	FE041595.D	28 Apr 2023 02:45	YP\AJ	Ok
35	O2509-01	FE041596.D	28 Apr 2023 03:15	YP\AJ	Ok
36	O2509-02	FE041597.D	28 Apr 2023 03:46	YP\AJ	ReRun
37	O2509-03	FE041598.D	28 Apr 2023 04:16	YP\AJ	ReRun
38	O2509-04	FE041599.D	28 Apr 2023 04:46	YP\AJ	Ok
39	O2509-05	FE041600.D	28 Apr 2023 05:16	YP\AJ	Ok
40	O2509-06	FE041601.D	28 Apr 2023 05:46	YP\AJ	Ok
41	O2509-07	FE041602.D	28 Apr 2023 06:17	YP\AJ	Ok
42	O2505-03	FE041603.D	28 Apr 2023 06:47	YP\AJ	Dilution
43	O2505-04	FE041604.D	28 Apr 2023 07:17	YP\AJ	Dilution
44	O2505-06	FE041605.D	28 Apr 2023 07:47	YP\AJ	Dilution
45	O2505-05	FE041606.D	28 Apr 2023 08:17	YP\AJ	Dilution
46	I.BLK	FE041607.D	28 Apr 2023 09:17	YP\AJ	Ok
47	20 PPM ALIPHATIC HC STD	FE041608.D	28 Apr 2023 09:48	YP\AJ	Ok,M
48	O2504-05	FE041609.D	28 Apr 2023 11:19	YP\AJ	Ok

Daily Analysis Runlog For Sequence/QC Batch ID # FE042723AL

Review By	yogesh	Review On	4/27/2023 11:01:52 AM		
Supervise By	Ankita	Supervise On	5/1/2023 9:06:27 AM		
SubDirectory	FE042723AL	HP Acquire Method		HP Processing Method	FE042123AL
STD. NAME	STD REF.#				
Tune/Reschk Initial Calibration Stds	PP21954,PP21956,PP21957,PP21958,PP21959				
CCC Internal Standard/PEM	PP21957				
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP21955,PP21960				
49	O2504-07	FE041610.D	28 Apr 2023 11:49	YP\AJ	Ok
50	O2507-01DL	FE041611.D	28 Apr 2023 12:19	YP\AJ	Not Ok
51	O2507-02DL	FE041612.D	28 Apr 2023 12:50	YP\AJ	Not Ok
52	O2505-03DL	FE041613.D	28 Apr 2023 13:20	YP\AJ	Not Ok
53	O2505-04DL	FE041614.D	28 Apr 2023 13:50	YP\AJ	Not Ok
54	O2505-06DL	FE041615.D	28 Apr 2023 14:21	YP\AJ	Not Ok
55	O2505-05DL	FE041616.D	28 Apr 2023 14:50	YP\AJ	Not Ok
56	O2509-02RE	FE041617.D	28 Apr 2023 15:21	YP\AJ	Not Ok
57	O2509-03RE	FE041618.D	28 Apr 2023 15:51	YP\AJ	Not Ok
58	I.BLK	FE041619.D	28 Apr 2023 16:52	YP\AJ	Ok
59	20 PPM ALIPHATIC HC STD	FE041620.D	28 Apr 2023 17:22	YP\AJ	Ok,M

M : Manual Integration



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050123AL

Review By	yogesh	Review On	5/1/2023 9:27:18 AM
Supervise By	Ankita	Supervise On	5/2/2023 8:27:18 AM
SubDirectory	FE050123AL	HP Acquire Method	HP Processing Method FE042123AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP21954,PP21956,PP21957,PP21958,PP21959		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP21957 PP21955,PP21960		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE041621.D	01 May 2023 07:44	YP\AJ	Ok
2	I.BLK	FE041622.D	01 May 2023 08:14	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE041623.D	01 May 2023 08:44	YP\AJ	Ok,M
4	O2503-14DL	FE041624.D	01 May 2023 09:14	YP\AJ	Ok
5	O2505-03DL	FE041625.D	01 May 2023 09:44	YP\AJ	Ok
6	O2505-04DL	FE041626.D	01 May 2023 10:15	YP\AJ	Ok
7	O2505-06DL	FE041627.D	01 May 2023 10:45	YP\AJ	Ok
8	O2505-05DL	FE041628.D	01 May 2023 11:15	YP\AJ	Ok
9	I.BLK	FE041629.D	01 May 2023 12:16	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE041630.D	01 May 2023 13:17	YP\AJ	Ok
11	PB152506BL	FE041631.D	01 May 2023 15:13	YP\AJ	Ok
12	PB152506BS	FE041632.D	01 May 2023 15:44	YP\AJ	Ok
13	PB152506BSD	FE041633.D	01 May 2023 16:14	YP\AJ	Ok
14	O2554-01	FE041634.D	01 May 2023 16:44	YP\AJ	Ok
15	O2554-02	FE041635.D	01 May 2023 17:15	YP\AJ	Dilution
16	O2555-01	FE041636.D	01 May 2023 17:45	YP\AJ	Dilution
17	O2555-02	FE041637.D	01 May 2023 18:16	YP\AJ	Dilution
18	O2557-01	FE041638.D	01 May 2023 18:46	YP\AJ	Ok
19	O2557-02	FE041639.D	01 May 2023 19:17	YP\AJ	Ok
20	O2557-02D	FE041640.D	01 May 2023 19:47	YP\AJ	Ok
21	O2557-02MS	FE041641.D	01 May 2023 20:17	YP\AJ	Ok,M
22	O2557-02MSD	FE041642.D	01 May 2023 20:47	YP\AJ	Ok,M
23	O2557-03	FE041643.D	01 May 2023 21:18	YP\AJ	Ok

Daily Analysis Runlog For Sequence/QC Batch ID # FE050123AL

Review By	yogesh	Review On	5/1/2023 9:27:18 AM
Supervise By	Ankita	Supervise On	5/2/2023 8:27:18 AM
SubDirectory	FE050123AL	HP Acquire Method	HP Processing Method FE042123AL

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP21954,PP21956,PP21957,PP21958,PP21959
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP21957 PP21955,PP21960

24	O2557-04	FE041644.D	01 May 2023 21:48	YP\AJ	Ok
25	O2562-01	FE041645.D	01 May 2023 22:18	YP\AJ	Dilution
26	O2562-02	FE041646.D	01 May 2023 22:48	YP\AJ	Dilution
27	O2563-01	FE041647.D	01 May 2023 23:19	YP\AJ	Dilution
28	O2563-02	FE041648.D	01 May 2023 23:49	YP\AJ	Ok
29	O2563-03	FE041649.D	02 May 2023 00:19	YP\AJ	Ok
30	O2563-04	FE041650.D	02 May 2023 00:50	YP\AJ	Ok
31	I.BLK	FE041651.D	02 May 2023 01:20	YP\AJ	Ok
32	20 PPM ALIPHATIC HC STD	FE041652.D	02 May 2023 02:21	YP\AJ	Ok,M
33	O2559-04	FE041653.D	02 May 2023 03:22	YP\AJ	Ok
34	O2559-05	FE041654.D	02 May 2023 03:52	YP\AJ	Not Ok
35	O2559-06	FE041655.D	02 May 2023 04:22	YP\AJ	Ok
36	O2559-07	FE041656.D	02 May 2023 04:53	YP\AJ	Ok
37	O2559-07MS	FE041657.D	02 May 2023 05:23	YP\AJ	Ok,M
38	O2559-07MSD	FE041658.D	02 May 2023 05:53	YP\AJ	Ok
39	I.BLK	FE041659.D	02 May 2023 06:54	YP\AJ	Ok
40	20 PPM ALIPHATIC HC STD	FE041660.D	02 May 2023 07:24	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC040523AL

Review By	yogesh	Review On	4/4/2023 3:14:24 PM				
Supervise By	Ankita	Supervise On	4/5/2023 11:06:40 AM				
SubDirectory	FC040523AL	HP Acquire Method	HP Processing Method		FC040523AL		
STD. NAME		STD REF.#					
Tune/Reschk Initial Calibration Stds		PP21064,PP21829,PP21830,PP21831,PP21832					
CCC		PP21830					
Internal Standard/PEM							
ICV/I.BLK		PP21065,PP21833					
Surrogate Standard							
MS/MSD Standard							
LCS Standard							

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC063293.D	05 Apr 2023 01:12		YP/AJ	Ok
2	I.BLK	I.BLK	FC063294.D	05 Apr 2023 01:55		YP/AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FC063295.D	05 Apr 2023 03:19		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC063296.D	05 Apr 2023 04:00		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC063297.D	05 Apr 2023 04:41		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC063298.D	05 Apr 2023 06:03		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC063299.D	05 Apr 2023 06:42		YP/AJ	Ok,M
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC063300.D	05 Apr 2023 07:22		YP/AJ	Ok
9	I.BLK	I.BLK	FC063301.D	05 Apr 2023 08:43		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC063302.D	05 Apr 2023 09:25		YP/AJ	Ok

M : Manual Integration

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC042723AL

Review By	yogesh	Review On	4/27/2023 12:16:23 PM				
Supervise By	Ankita	Supervise On	5/1/2023 9:06:37 AM				
SubDirectory	FC042723AL	HP Acquire Method	HP Processing Method		FC040523AL		
STD. NAME		STD REF.#					
Tune/Reschk Initial Calibration Stds		PP21064,PP21829,PP21830,PP21831,PP21832					
CCC		PP21830					
Internal Standard/PEM		PP21065,PP21833					
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard							
LCS Standard							

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC063463.D	27 Apr 2023 07:46		YP/AJ	Ok
2	I.BLK	I.BLK	FC063464.D	27 Apr 2023 08:22		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC063465.D	27 Apr 2023 10:54		YP/AJ	Ok
4	PB152438BL	PB152438BL	FC063466.D	27 Apr 2023 11:35		YP/AJ	Ok
5	PB152438BS	PB152438BS	FC063467.D	27 Apr 2023 12:12		YP/AJ	Ok
6	PB152438BSD	PB152438BSD	FC063468.D	27 Apr 2023 12:51		YP/AJ	Ok
7	O2503-05	TR-305A-01	FC063469.D	27 Apr 2023 13:29		YP/AJ	Ok
8	O2503-06	TR-305A-02	FC063470.D	27 Apr 2023 14:07		YP/AJ	Ok
9	O2503-06D	O2503-06D	FC063471.D	27 Apr 2023 14:45		YP/AJ	Ok
10	O2503-06MS	TR-305A-02MS	FC063472.D	27 Apr 2023 15:24	FC063470.D	YP/AJ	Ok
11	O2503-06MSD	TR-305A-02MSD	FC063473.D	27 Apr 2023 16:02	FC063470.D!FC063472.D	YP/AJ	Ok
12	I.BLK	I.BLK	FC063474.D	27 Apr 2023 16:40		YP/AJ	Ok
13	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC063475.D	27 Apr 2023 17:18		YP/AJ	Ok
14	PB152444BL	PB152444BL	FC063476.D	27 Apr 2023 18:35		YP/AJ	Ok
15	PB152444BS	PB152444BS	FC063477.D	27 Apr 2023 19:14		YP/AJ	Ok
16	PB152444BSD	PB152444BSD	FC063478.D	27 Apr 2023 19:52		YP/AJ	Ok,M
17	O2502-13	BU-511-05	FC063479.D	27 Apr 2023 20:30		YP/AJ	Ok
18	O2502-14D	O2502-14D	FC063480.D	27 Apr 2023 21:07	surrogate fail	YP/AJ	Ok
19	O2502-14	BU-511-06	FC063481.D	27 Apr 2023 21:45		YP/AJ	Ok



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QC Batch ID # FC042723AL

Review By	yogesh	Review On	4/27/2023 12:16:23 PM					
Supervise By	Ankita	Supervise On	5/1/2023 9:06:37 AM					
SubDirectory	FC042723AL	HP Acquire Method	HP Processing Method		FC040523AL			
STD. NAME		STD REF.#						
Tune/Reschk Initial Calibration Stds		PP21064,PP21829,PP21830,PP21831,PP21832						
CCC Internal Standard/PEM		PP21830						
ICV/I.BLK Surrogate Standard		PP21065,PP21833						
MS/MSD Standard LCS Standard								

20	O2502-14MS	BU-511-06MS	FC063482.D	27 Apr 2023 22:22	FC063481.D	YP/AJ	Ok
21	O2502-14MSD	BU-511-06MSD	FC063483.D	27 Apr 2023 23:00	FC063481.D!FC063482.D	YP/AJ	Ok
22	I.BLK	I.BLK	FC063484.D	28 Apr 2023 01:35		YP/AJ	Ok
23	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC063485.D	28 Apr 2023 02:12		YP/AJ	Ok

M : Manual Integration



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE042123AL

Review By	yogesh	Review On	4/20/2023 3:09:59 PM				
Supervise By	Ankita	Supervise On	4/21/2023 8:46:38 AM				
SubDirectory	FE042123AL	HP Acquire Method	HP Processing Method			FE042123AL	
STD. NAME		STD REF.#					
Tune/Reschk Initial Calibration Stds		PP21954,PP21956,PP21957,PP21958,PP21959					
CCC		PP21957					
Internal Standard/PEM		PP21955,PP21960					
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard							
LCS Standard							
Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE041454.D	20 Apr 2023 16:53		YP\AJ	Ok
2	I.BLK	I.BLK	FE041455.D	20 Apr 2023 17:23		YP\AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FE041456.D	20 Apr 2023 17:54		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE041457.D	20 Apr 2023 18:24		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041458.D	20 Apr 2023 18:54		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE041459.D	20 Apr 2023 19:24		YP\AJ	Ok,M
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE041460.D	20 Apr 2023 19:55		YP\AJ	Ok,M
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041461.D	20 Apr 2023 20:25		YP\AJ	Ok
9	I.BLK	I.BLK	FE041462.D	20 Apr 2023 21:55		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041463.D	20 Apr 2023 22:26		YP\AJ	Ok,M

M : Manual Integration



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE042723AL

Review By	yogesh	Review On	4/27/2023 11:01:52 AM				
Supervise By	Ankita	Supervise On	5/1/2023 9:06:27 AM				
SubDirectory	FE042723AL	HP Acquire Method	HP Processing Method		FE042123AL		
STD. NAME		STD REF.#					
Tune/Reschk Initial Calibration Stds		PP21954,PP21956,PP21957,PP21958,PP21959					
CCC		PP21957					
Internal Standard/PEM		PP21955,PP21960					
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard							
LCS Standard							
Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE041562.D	27 Apr 2023 07:50		YPIAJ	Ok
2	I.BLK	I.BLK	FE041563.D	27 Apr 2023 08:20		YPIAJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041564.D	27 Apr 2023 08:50		YPIAJ	Ok
4	O2491-03	S2S-TP4	FE041565.D	27 Apr 2023 09:21		YPIAJ	Ok
5	I.BLK	I.BLK	FE041566.D	27 Apr 2023 09:51		YPIAJ	Ok
6	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041567.D	27 Apr 2023 10:51		YPIAJ	Ok
7	O2503-07	TR-305A-03	FE041568.D	27 Apr 2023 11:39		YPIAJ	Ok
8	O2503-12	TR-305A-04	FE041569.D	27 Apr 2023 12:10		YPIAJ	Ok
9	O2503-19	TR-305A-07	FE041570.D	27 Apr 2023 12:40		YPIAJ	Ok
10	O2503-20	TR-305A-08	FE041571.D	27 Apr 2023 13:10		YPIAJ	Ok
11	O2503-21	TR-305A-09	FE041572.D	27 Apr 2023 13:40		YPIAJ	Ok
12	O2504-05	BU-512-01	FE041573.D	27 Apr 2023 14:11	surrogate fail	YPIAJ	Not Ok
13	O2504-06	BU-512-02	FE041574.D	27 Apr 2023 14:41		YPIAJ	Ok
14	O2504-07	BU-512-03	FE041575.D	27 Apr 2023 15:11	surrogate fail	YPIAJ	Not Ok
15	O2504-12	BU-512-04	FE041576.D	27 Apr 2023 15:41		YPIAJ	Ok
16	O2504-13	BU-512-05	FE041577.D	27 Apr 2023 16:11		YPIAJ	Ok
17	O2504-14	BU-512-06	FE041578.D	27 Apr 2023 16:41		YPIAJ	Ok
18	O2504-19	BU-512-07	FE041579.D	27 Apr 2023 17:12		YPIAJ	Ok
19	O2504-20	BU-512-08	FE041580.D	27 Apr 2023 17:42		YPIAJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE042723AL

Review By	yogesh	Review On	4/27/2023 11:01:52 AM					
Supervise By	Ankita	Supervise On	5/1/2023 9:06:27 AM					
SubDirectory	FE042723AL	HP Acquire Method	HP Processing Method		FE042123AL			
STD. NAME		STD REF.#						
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard		PP21954,PP21956,PP21957,PP21958,PP21959						
		PP21957						
		PP21955,PP21960						
20	O2504-21	BU-512-09	FE041581.D	27 Apr 2023 18:12		YPIAJ	Ok	
21	O2507-01	HD-01-042623	FE041582.D	27 Apr 2023 18:42		YPIAJ	Ok	
22	O2507-02	HD-01-042623-EPH-2	FE041583.D	27 Apr 2023 19:12		YPIAJ	Ok	
23	O2503-13	TR-305A-05	FE041584.D	27 Apr 2023 19:42	need 10x dilution	YPIAJ	Dilution	
24	O2503-14	TR-305A-06	FE041585.D	27 Apr 2023 20:13	need 20x dilution	YPIAJ	Dilution	
25	O2503-13DL	TR-305A-05DL	FE041586.D	27 Apr 2023 20:43		YPIAJ	Ok	
26	O2503-14DL	TR-305A-06DL	FE041587.D	27 Apr 2023 21:13	Need 20X	YPIAJ	Not Ok	
27	I.BLK	I.BLK	FE041588.D	27 Apr 2023 22:13		YPIAJ	Ok	
28	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041589.D	27 Apr 2023 23:44		YPIAJ	Ok,M	
29	O2502-05	BU-511-01	FE041590.D	28 Apr 2023 00:15		YPIAJ	Ok	
30	O2502-06	BU-511-02	FE041591.D	28 Apr 2023 00:44		YPIAJ	Ok	
31	O2502-07	BU-511-03	FE041592.D	28 Apr 2023 01:14		YPIAJ	Ok	
32	O2502-12	BU-511-04	FE041593.D	28 Apr 2023 01:45		YPIAJ	Ok	
33	O2505-01	WO-1	FE041594.D	28 Apr 2023 02:15		YPIAJ	Ok	
34	O2505-02	WO-2	FE041595.D	28 Apr 2023 02:45		YPIAJ	Ok	
35	O2509-01	HL-1	FE041596.D	28 Apr 2023 03:15		YPIAJ	Ok	
36	O2509-02	HL-2	FE041597.D	28 Apr 2023 03:46	surrogate fail	YPIAJ	ReRun	
37	O2509-03	HL-3	FE041598.D	28 Apr 2023 04:16	surrogate fail	YPIAJ	ReRun	
38	O2509-04	HL-4	FE041599.D	28 Apr 2023 04:46		YPIAJ	Ok	
39	O2509-05	HL-5	FE041600.D	28 Apr 2023 05:16		YPIAJ	Ok	

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE042723AL

Review By	yogesh	Review On	4/27/2023 11:01:52 AM					
Supervise By	Ankita	Supervise On	5/1/2023 9:06:27 AM					
SubDirectory	FE042723AL	HP Acquire Method	HP Processing Method		FE042123AL			
STD. NAME		STD REF.#						
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard		PP21954,PP21956,PP21957,PP21958,PP21959						
		PP21957						
		PP21955,PP21960						
40	O2509-06	HL-6	FE041601.D	28 Apr 2023 05:46		YPIAJ	Ok	
41	O2509-07	HL-7	FE041602.D	28 Apr 2023 06:17		YPIAJ	Ok	
42	O2505-03	WO-3	FE041603.D	28 Apr 2023 06:47	need 20x dilution	YPIAJ	Dilution	
43	O2505-04	WO-4	FE041604.D	28 Apr 2023 07:17	need 25x dilution	YPIAJ	Dilution	
44	O2505-06	WO-6	FE041605.D	28 Apr 2023 07:47	need 20x dilution	YPIAJ	Dilution	
45	O2505-05	WO-5	FE041606.D	28 Apr 2023 08:17	need 100x dilution	YPIAJ	Dilution	
46	I.BLK	I.BLK	FE041607.D	28 Apr 2023 09:17		YPIAJ	Ok	
47	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041608.D	28 Apr 2023 09:48		YPIAJ	Ok,M	
48	O2504-05	BU-512-01	FE041609.D	28 Apr 2023 11:19	Use this run	YPIAJ	Ok	
49	O2504-07	BU-512-03	FE041610.D	28 Apr 2023 11:49	Use this run	YPIAJ	Ok	
50	O2507-01DL	HD-01-042623DL	FE041611.D	28 Apr 2023 12:19	Not required	YPIAJ	Not Ok	
51	O2507-02DL	HD-01-042623-EPH-2D	FE041612.D	28 Apr 2023 12:50	Not required	YPIAJ	Not Ok	
52	O2505-03DL	O2505-03DL	FE041613.D	28 Apr 2023 13:20	Need higher dilution	YPIAJ	Not Ok	
53	O2505-04DL	O2505-04DL	FE041614.D	28 Apr 2023 13:50	Need higher dilution	YPIAJ	Not Ok	
54	O2505-06DL	O2505-06DL	FE041615.D	28 Apr 2023 14:21	Need higher dilution	YPIAJ	Not Ok	
55	O2505-05DL	O2505-05DL	FE041616.D	28 Apr 2023 14:50	Need higher dilution	YPIAJ	Not Ok	
56	O2509-02RE	HL-2RE	FE041617.D	28 Apr 2023 15:21	possible carry over, surrogate fail	YPIAJ	Not Ok	
57	O2509-03RE	HL-3RE	FE041618.D	28 Apr 2023 15:51	possible carry over, surrogate fail	YPIAJ	Not Ok	
58	I.BLK	I.BLK	FE041619.D	28 Apr 2023 16:52		YPIAJ	Ok	
59	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041620.D	28 Apr 2023 17:22		YPIAJ	Ok,M	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE042723AL

Review By	yogesh	Review On	4/27/2023 11:01:52 AM
Supervise By	Ankita	Supervise On	5/1/2023 9:06:27 AM
SubDirectory	FE042723AL	HP Acquire Method	HP Processing Method FE042123AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP21954,PP21956,PP21957,PP21958,PP21959		
CCC Internal Standard/PEM	PP21957		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP21955,PP21960		

M : Manual Integration

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050123AL

Review By	yogesh	Review On	5/1/2023 9:27:18 AM				
Supervise By	Ankita	Supervise On	5/2/2023 8:27:18 AM				
SubDirectory	FE050123AL	HP Acquire Method	HP Processing Method		FE042123AL		
STD. NAME		STD REF. #					
Tune/Reschk Initial Calibration Stds		PP21954,PP21956,PP21957,PP21958,PP21959					
CCC		PP21957					
Internal Standard/PEM		PP21955,PP21960					
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard							
LCS Standard							

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE041621.D	01 May 2023 07:44		YP\AJ	Ok
2	I.BLK	I.BLK	FE041622.D	01 May 2023 08:14		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041623.D	01 May 2023 08:44		YP\AJ	Ok,M
4	O2503-14DL	TR-305A-06DL	FE041624.D	01 May 2023 09:14		YP\AJ	Ok
5	O2505-03DL	WO-3DL	FE041625.D	01 May 2023 09:44		YP\AJ	Ok
6	O2505-04DL	WO-4DL	FE041626.D	01 May 2023 10:15		YP\AJ	Ok
7	O2505-06DL	WO-6DL	FE041627.D	01 May 2023 10:45		YP\AJ	Ok
8	O2505-05DL	WO-5DL	FE041628.D	01 May 2023 11:15		YP\AJ	Ok
9	I.BLK	I.BLK	FE041629.D	01 May 2023 12:16		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041630.D	01 May 2023 13:17		YP\AJ	Ok
11	PB152506BL	PB152506BL	FE041631.D	01 May 2023 15:13		YP\AJ	Ok
12	PB152506BS	PB152506BS	FE041632.D	01 May 2023 15:44		YP\AJ	Ok
13	PB152506BSD	PB152506BSD	FE041633.D	01 May 2023 16:14		YP\AJ	Ok
14	O2554-01	TR-04-42823	FE041634.D	01 May 2023 16:44		YP\AJ	Ok
15	O2554-02	TR-04-42823	FE041635.D	01 May 2023 17:15	surrogate fail;Need 2X	YP\AJ	Dilution
16	O2555-01	OE-1-042823	FE041636.D	01 May 2023 17:45	Need 5X	YP\AJ	Dilution
17	O2555-02	OE-1-042823	FE041637.D	01 May 2023 18:16	Need 2X	YP\AJ	Dilution
18	O2557-01	JC-03-042823-A	FE041638.D	01 May 2023 18:46		YP\AJ	Ok
19	O2557-02	JC-03-042823-A	FE041639.D	01 May 2023 19:17		YP\AJ	Ok

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050123AL

Review By	yogesh	Review On	5/1/2023 9:27:18 AM					
Supervise By	Ankita	Supervise On	5/2/2023 8:27:18 AM					
SubDirectory	FE050123AL	HP Acquire Method	HP Processing Method		FE042123AL			
STD. NAME		STD REF.#						
Tune/Reschk Initial Calibration Stds		PP21954,PP21956,PP21957,PP21958,PP21959						
CCC		PP21957						
Internal Standard/PEM		PP21955,PP21960						
ICV/I.BLK								
Surrogate Standard								
MS/MSD Standard								
LCS Standard								
20	O2557-02D	O2557-02D	FE041640.D	01 May 2023 19:47		YPIAJ	Ok	
21	O2557-02MS	JC-03-042823-AMS	FE041641.D	01 May 2023 20:17	FE041639.D	YPIAJ	Ok,M	
22	O2557-02MSD	JC-03-042823-AMSD	FE041642.D	01 May 2023 20:47	FE041639.D!FE041641.D	YPIAJ	Ok,M	
23	O2557-03	JC-03-042823-B	FE041643.D	01 May 2023 21:18		YPIAJ	Ok	
24	O2557-04	JC-03-042823-B	FE041644.D	01 May 2023 21:48		YPIAJ	Ok	
25	O2562-01	OR-02-04282023	FE041645.D	01 May 2023 22:18	Need 5X	YPIAJ	Dilution	
26	O2562-02	OR-02-04282023	FE041646.D	01 May 2023 22:48	Need 5X	YPIAJ	Dilution	
27	O2563-01	HR-01-042823	FE041647.D	01 May 2023 23:19	Need 2X	YPIAJ	Dilution	
28	O2563-02	HR-01-042823	FE041648.D	01 May 2023 23:49		YPIAJ	Ok	
29	O2563-03	HR-03-042823	FE041649.D	02 May 2023 00:19		YPIAJ	Ok	
30	O2563-04	HR-03-042823	FE041650.D	02 May 2023 00:50		YPIAJ	Ok	
31	I.BLK	I.BLK	FE041651.D	02 May 2023 01:20		YPIAJ	Ok	
32	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041652.D	02 May 2023 02:21		YPIAJ	Ok,M	
33	O2559-04	2	FE041653.D	02 May 2023 03:22		YPIAJ	Ok	
34	O2559-05	O2559-05	FE041654.D	02 May 2023 03:52	surrogate fail	YPIAJ	Not Ok	
35	O2559-06	4	FE041655.D	02 May 2023 04:22		YPIAJ	Ok	
36	O2559-07	5	FE041656.D	02 May 2023 04:53		YPIAJ	Ok	
37	O2559-07MS	5MS	FE041657.D	02 May 2023 05:23	FE041656.D	YPIAJ	Ok,M	
38	O2559-07MSD	5MSD	FE041658.D	02 May 2023 05:53	FE041656.D!FE041657.D	YPIAJ	Ok	
39	I.BLK	I.BLK	FE041659.D	02 May 2023 06:54		YPIAJ	Ok	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QC Batch ID # FE050123AL

Review By	yogesh	Review On	5/1/2023 9:27:18 AM				
Supervise By	Ankita	Supervise On	5/2/2023 8:27:18 AM				
SubDirectory	FE050123AL	HP Acquire Method	HP Processing Method		FE042123AL		
STD. NAME	STD REF.#						
Tune/Reschk Initial Calibration Stds	PP21954,PP21956,PP21957,PP21958,PP21959						
CCC	PP21957						
Internal Standard/PEM	PP21955,PP21960						
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard							
LCS Standard							
40	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE041660.D	02 May 2023 07:24		YPAJ	Ok,M

M : Manual Integration



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FC042723AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FC063465.D

Aliphatic C9-C12	8072902.000	60.000	3.199	6.486	134548.367	137065.155	1.836
Aliphatic C12-C16	5303673.000	40.000	6.487	9.878	132591.825	135585.936	2.208
Aliphatic C16-C21	8091788.000	60.000	9.879	13.234	134863.133	135817.180	0.702
Aliphatic C21-C28	10622590.000	80.000	13.235	16.884	132782.375	134266.069	1.105
Aliphatic C28-C40	15339507.000	120.000	16.885	21.741	127829.225	131023.808	2.438
Aliphatic EPH	47430460.000	360.000	3.199	21.741	131751.278	134057.000	1.720



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FC042723AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FC063475.D

Aliphatic C9-C12	8136702.000	60.000	3.199	6.486	135611.700	137065.155	1.060
Aliphatic C12-C16	5374347.000	40.000	6.487	9.878	134358.675	135585.936	0.905
Aliphatic C16-C21	8207459.000	60.000	9.879	13.234	136790.983	135817.180	-0.717
Aliphatic C21-C28	11048644.000	80.000	13.235	16.884	138108.050	134266.069	-2.861
Aliphatic C28-C40	17114924.000	120.000	16.885	21.741	142624.367	131023.808	-8.854
Aliphatic EPH	49882076.000	360.000	3.199	21.741	138561.322	134057.000	-3.360



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FC042723AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FC063485.D

Aliphatic C9-C12	8276929.000	60.000	3.199	6.486	137948.817	137065.155	-0.645
Aliphatic C12-C16	5437066.000	40.000	6.487	9.878	135926.650	135585.936	-0.251
Aliphatic C16-C21	8322917.000	60.000	9.879	13.234	138715.283	135817.180	-2.134
Aliphatic C21-C28	11199468.000	80.000	13.235	16.884	139993.350	134266.069	-4.266
Aliphatic C28-C40	17065847.000	120.000	16.885	21.741	142215.392	131023.808	-8.542
Aliphatic EPH	50302227.000	360.000	3.199	21.741	139728.408	134057.000	-4.231



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE042723AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE041564.D

Aliphatic C9-C12	8739465.000	60.000	3.256	6.877	145657.750	149673.029	2.683
Aliphatic C12-C16	6131069.000	40.000	6.878	10.315	153276.725	155744.024	1.584
Aliphatic C16-C21	9224516.000	60.000	10.316	13.682	153741.933	161376.097	4.731
Aliphatic C21-C28	12258186.000	80.000	13.683	17.343	153227.325	158129.852	3.100
Aliphatic C28-C40	18131801.000	120.000	17.344	22.280	151098.342	139105.719	-8.621
Aliphatic EPH	54485037.000	360.000	3.256	22.280	151347.325	150654.953	-0.460



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE042723AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE041567.D

Aliphatic C9-C12	9629093.000	60.000	3.256	6.877	160484.883	149673.029	-7.224
Aliphatic C12-C16	6611659.000	40.000	6.878	10.315	165291.475	155744.024	-6.130
Aliphatic C16-C21	9798851.000	60.000	10.316	13.682	163314.183	161376.097	-1.201
Aliphatic C21-C28	12069902.000	80.000	13.683	17.343	150873.775	158129.852	4.589
Aliphatic C28-C40	16704069.000	120.000	17.344	22.280	139200.575	139105.719	-0.068
Aliphatic EPH	54813574.000	360.000	3.256	22.280	152259.928	150654.953	-1.065



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE042723AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE041589.D

Aliphatic C9-C12	8738901.000	60.000	3.256	6.877	145648.350	149673.029	2.689
Aliphatic C12-C16	6108028.000	40.000	6.878	10.315	152700.700	155744.024	1.954
Aliphatic C16-C21	9143190.000	60.000	10.316	13.682	152386.500	161376.097	5.571
Aliphatic C21-C28	12050098.000	80.000	13.683	17.343	150626.225	158129.852	4.745
Aliphatic C28-C40	18307200.000	120.000	17.344	22.280	152560.000	139105.719	-9.672
Aliphatic EPH	54347417.000	360.000	3.256	22.280	150965.047	150654.953	-0.206



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE042723AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE041608.D

Aliphatic C9-C12	9282297.000	60.000	3.256	6.877	154704.950	149673.029	-3.362
Aliphatic C12-C16	6417165.000	40.000	6.878	10.315	160429.125	155744.024	-3.008
Aliphatic C16-C21	9485191.000	60.000	10.316	13.682	158086.517	161376.097	2.038
Aliphatic C21-C28	11695093.000	80.000	13.683	17.343	146188.663	158129.852	7.552
Aliphatic C28-C40	16931388.000	120.000	17.344	22.280	141094.900	139105.719	-1.430
Aliphatic EPH	53811134.000	360.000	3.256	22.280	149475.372	150654.953	0.783



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE042723AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE041620.D

Aliphatic C9-C12	9294319.000	60.000	3.256	6.877	154905.317	149673.029	-3.496
Aliphatic C12-C16	6429753.000	40.000	6.878	10.315	160743.825	155744.024	-3.210
Aliphatic C16-C21	9533958.000	60.000	10.316	13.682	158899.300	161376.097	1.535
Aliphatic C21-C28	11725012.000	80.000	13.683	17.343	146562.650	158129.852	7.315
Aliphatic C28-C40	16716996.000	120.000	17.344	22.280	139308.300	139105.719	-0.146
Aliphatic EPH	53700038.000	360.000	3.256	22.280	149166.772	150654.953	0.988



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE050123AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE041623.D

Aliphatic C9-C12	10340344.000	60.000	3.258	6.881	172339.067	149673.029	-15.144
Aliphatic C12-C16	7126803.000	40.000	6.882	10.321	178170.075	155744.024	-14.399
Aliphatic C16-C21	10557201.000	60.000	10.322	13.691	175953.350	161376.097	-9.033
Aliphatic C21-C28	13010510.000	80.000	13.692	17.357	162631.375	158129.852	-2.847
Aliphatic C28-C40	17698986.000	120.000	17.358	22.307	147491.550	139105.719	-6.028
Aliphatic EPH	58733844.000	360.000	3.258	22.307	163149.567	150654.953	-8.294



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE050123AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE041630.D

Aliphatic C9-C12	9822775.000	60.000	3.258	6.881	163712.917	149673.029	-9.380
Aliphatic C12-C16	6766959.000	40.000	6.882	10.321	169173.975	155744.024	-8.623
Aliphatic C16-C21	10137774.000	60.000	10.322	13.691	168962.900	161376.097	-4.701
Aliphatic C21-C28	12579576.000	80.000	13.692	17.357	157244.700	158129.852	0.560
Aliphatic C28-C40	17570696.000	120.000	17.358	22.307	146422.467	139105.719	-5.260
Aliphatic EPH	56877780.000	360.000	3.258	22.307	157993.833	150654.953	-4.871



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE050123AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE041652.D

Aliphatic C9-C12	8955589.000	60.000	3.258	6.881	149259.817	149673.029	0.276
Aliphatic C12-C16	6205537.000	40.000	6.882	10.321	155138.425	155744.024	0.389
Aliphatic C16-C21	9283228.000	60.000	10.322	13.691	154720.467	161376.097	4.124
Aliphatic C21-C28	11598080.000	80.000	13.692	17.357	144976.000	158129.852	8.318
Aliphatic C28-C40	16457146.000	120.000	17.358	22.307	137142.883	139105.719	1.411
Aliphatic EPH	52499580.000	360.000	3.258	22.307	145832.167	150654.953	3.201



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE050123AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
-----------	-----------	-------	--------	--------	-----------------	-------	------

File ID : FE041660.D

Aliphatic C9-C12	8986490.000	60.000	3.258	6.881	149774.833	149673.029	-0.068
Aliphatic C12-C16	6255217.000	40.000	6.882	10.321	156380.425	155744.024	-0.409
Aliphatic C16-C21	9392091.000	60.000	10.322	13.691	156534.850	161376.097	3.000
Aliphatic C21-C28	11776816.000	80.000	13.692	17.357	147210.200	158129.852	6.905
Aliphatic C28-C40	16636043.000	120.000	17.358	22.307	138633.692	139105.719	0.339
Aliphatic EPH	53046657.000	360.000	3.258	22.307	147351.825	150654.953	2.193

Initial Calibration Report for SequenceID : FC040523AL

AreaCount

Parameter Range	FC063295.D	FC063296.D	FC063297.D	FC063298.D	FC063299.D	
Aliphatic C9-C12	39749618.000	20469922.000	8288824.000	4090667.000	2127874.000	
Aliphatic C12-C16	26328201.000	13475530.000	5470921.000	2677431.000	1408888.000	
Aliphatic C16-C21	38925785.000	19937785.000	8143791.000	4070838.000	2174854.000	
Aliphatic C21-C28	51339753.000	26607865.000	10622335.000	5376318.000	2855090.000	
Aliphatic C28-C40	73854562.000	38451306.000	15571586.000	7836980.000	4304326.000	
Aliphatic EPH	230197919.000	118942408.000	48097457.000	24052234.000	12871032.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	137065.154666	2.47				
Aliphatic C12-C16	135585.936	2.574				
Aliphatic C16-C21	135817.1799996	4.187				
Aliphatic C21-C28	134266.069	3.92				
Aliphatic C28-C40	131023.8079996	5.761				
Aliphatic EPH	134056.9999996	4.124				

Concentration

Parameter Range	FC063295.D	FC063296.D	FC063297.D	FC063298.D	FC063299.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC063295.D	FC063296.D	FC063297.D	FC063298.D	FC063299.D	
Aliphatic C9-C12	132498.726666	136466.146666	138147.066666	136355.566666	141858.266666	
Aliphatic C12-C16	131641.005000	134755.300000	136773.025000	133871.550000	140888.800000	
Aliphatic C16-C21	129752.616666	132918.566666	135729.850000	135694.600000	144990.266666	
Aliphatic C21-C28	128349.382500	133039.325000	132779.187500	134407.950000	142754.500000	
Aliphatic C28-C40	123090.936666	128171.020000	129763.216666	130616.333333	143477.533333	



284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Initial Calibration Report for SequenceID : FC040523AL

Aliphatic EPH	127887.732777	132158.231111	133604.047222	133623.522222	143011.466666	
---------------	---------------	---------------	---------------	---------------	---------------	--

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063295.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 03:19
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 05 06:17:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 06:14:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.539	14518307	97.832 ug/ml
Spiked Amount 50.000		Recovery =	195.66%
12) S 1-chlorooctadecane (S...	12.974	10914146	99.002 ug/ml
Spiked Amount 50.000		Recovery =	198.00%
Target Compounds			
1) T n-Nonane (C9)	3.303	13387764	97.486 ug/ml
2) T n-Decane (C10)	4.369	13185524	97.895 ug/ml
3) T A~Naphthalene (C11.7)	5.952	15043024	99.465 ug/ml
4) T n-Dodecane (C12)	6.388	13176330	98.369 ug/ml
5) T A~2-methylnaphthalene...	7.010	14023630	99.915 ug/ml
6) T n-Tetradecane (C14)	8.183	13113176	98.013 ug/ml
7) T n-Hexadecane (C16)	9.783	13215025	98.163 ug/ml
8) T n-Octadecane (C18)	11.225	13261778	97.784 ug/ml
10) T n-Eicosane (C20)	12.531	12823460	97.769 ug/ml
11) T n-Heneicosane (C21)	13.142	12840547	97.692 ug/ml
13) T n-Docosane (C22)	13.726	12792937	98.155 ug/ml
14) T n-Tetracosane (C24)	14.826	12919565	98.552 ug/ml
15) T n-Hexacosane (C26)	15.846	12793564	98.339 ug/ml
16) T n-Octacosane (C28)	16.793	12833687	98.168 ug/ml
17) T n-Tricontane (C30)	17.679	12797792	97.027 ug/ml
18) T n-Dotriacontane (C32)	18.508	12900653	96.359 ug/ml
19) T n-Tetratriacontane (C34)	19.289	12712292	96.437 ug/ml
20) T n-Hexatriacontane (C36)	20.025	12056675	97.406 ug/ml
21) T n-Octatriacontane (C38)	20.754	11898550	98.445 ug/ml
22) T n-Tetracontane (C40)	21.650	11488600	98.768 ug/ml

(f)=RT Delta > 1/2 Window

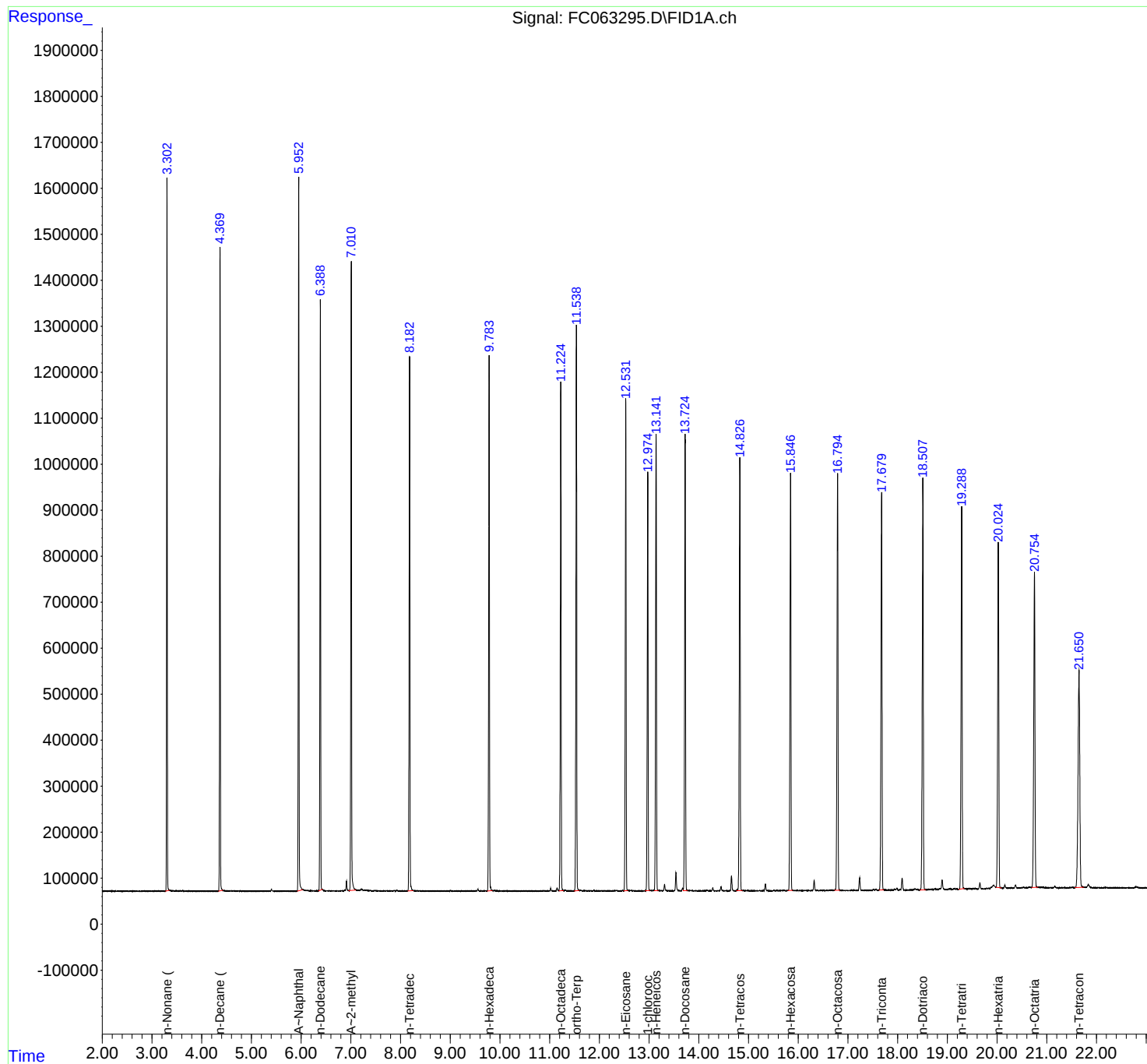
(m)=manual int.

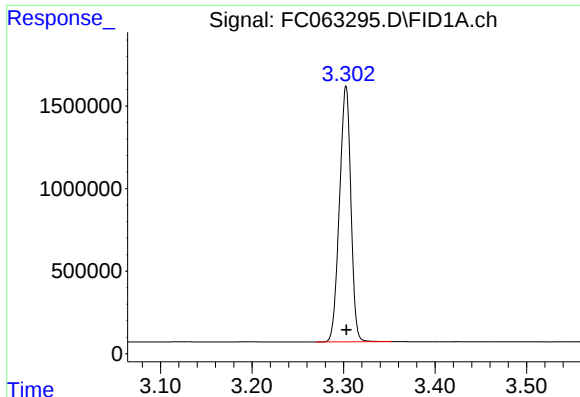
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063295.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 03:19
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Apr 05 06:17:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Quant Title : GC Extractables
QLast Update : Wed Apr 05 06:14:54 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

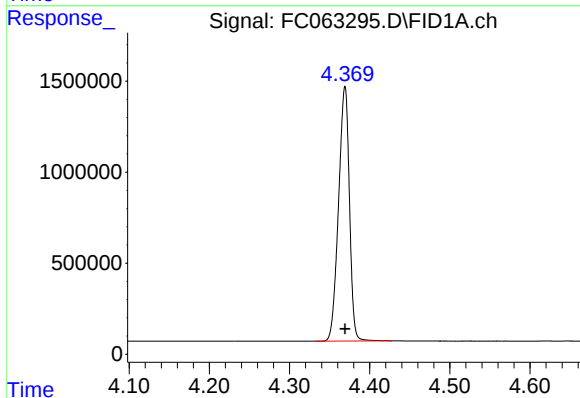




#1 n-Nonane (C9)

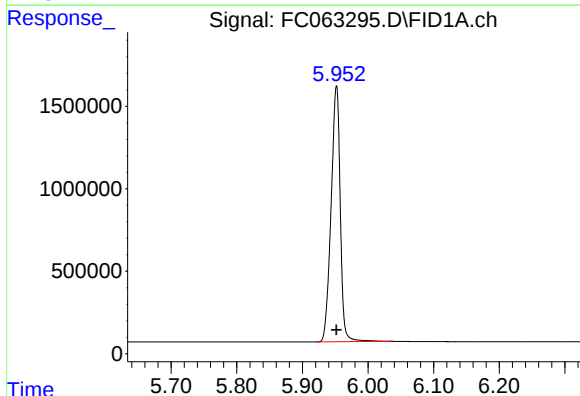
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 13387764
Conc: 97.49 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



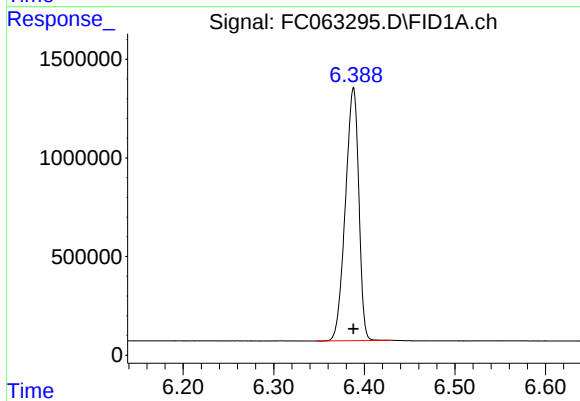
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 13185524
Conc: 97.90 ug/ml



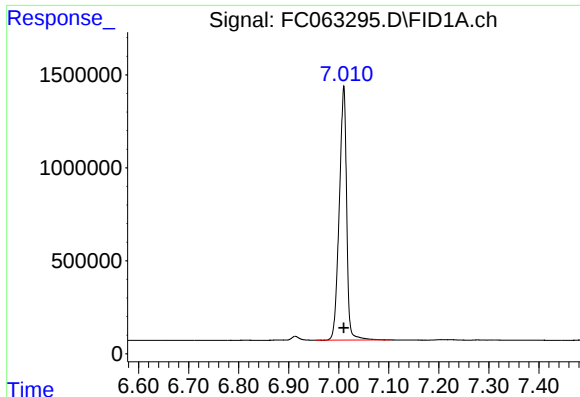
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 15043024
Conc: 99.47 ug/ml



#4 n-Dodecane (C12)

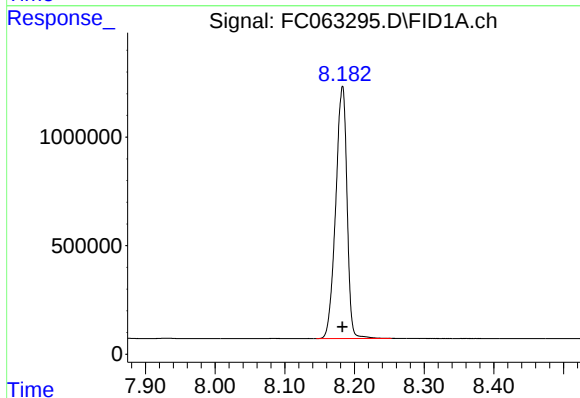
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 13176330
Conc: 98.37 ug/ml



#5 A~2-methylnaphthalene (C12.89)

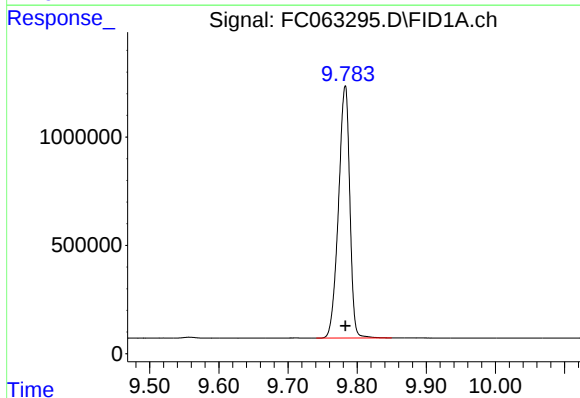
R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 14023630
Conc: 99.92 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



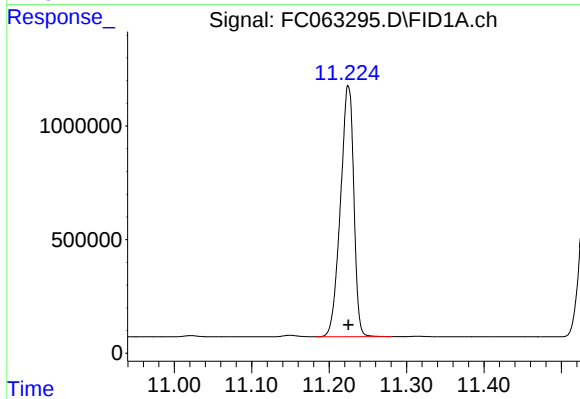
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 13113176
Conc: 98.01 ug/ml



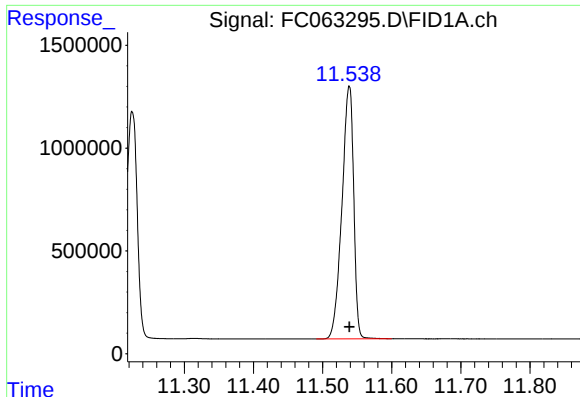
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: 0.000 min
Response: 13215025
Conc: 98.16 ug/ml



#8 n-Octadecane (C18)

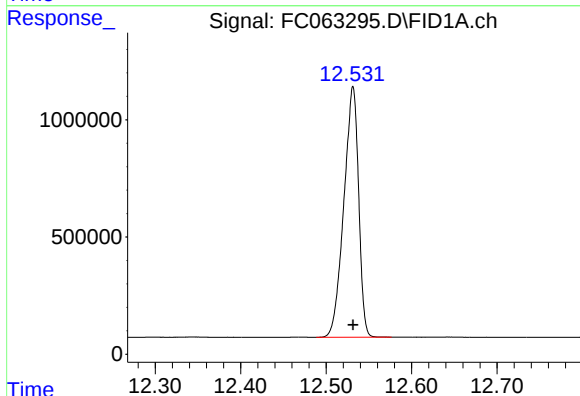
R.T.: 11.225 min
Delta R.T.: 0.000 min
Response: 13261778
Conc: 97.78 ug/ml



#9 ortho-Terphenyl (SURR)

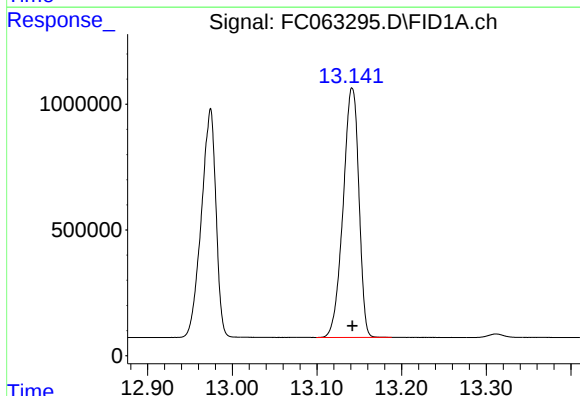
R.T.: 11.539 min
Delta R.T.: 0.000 min
Response: 14518307
Conc: 97.83 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



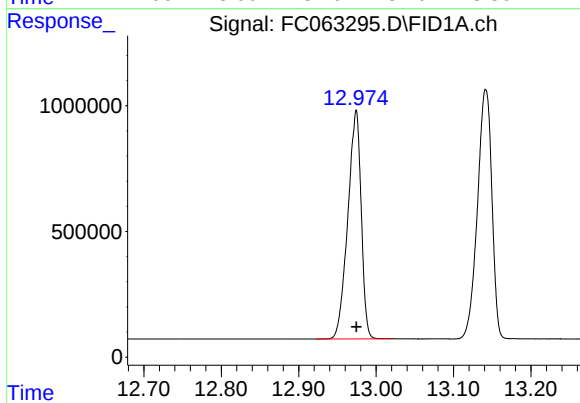
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: 0.000 min
Response: 12823460
Conc: 97.77 ug/ml



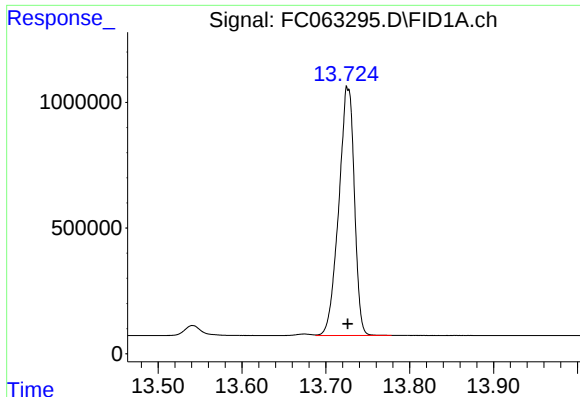
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: 0.000 min
Response: 12840547
Conc: 97.69 ug/ml



#12 1-chlorooctadecane (SURR)

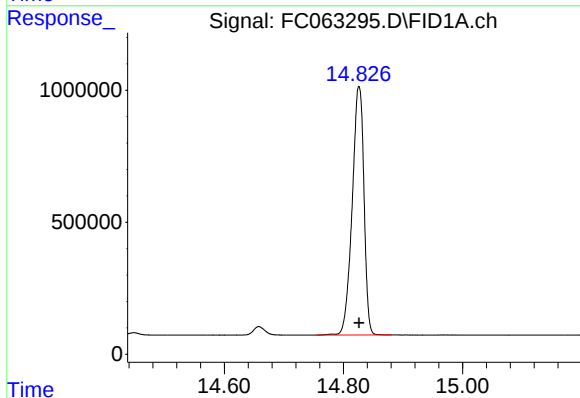
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 10914146
Conc: 99.00 ug/ml



#13 n-Docosane (C22)

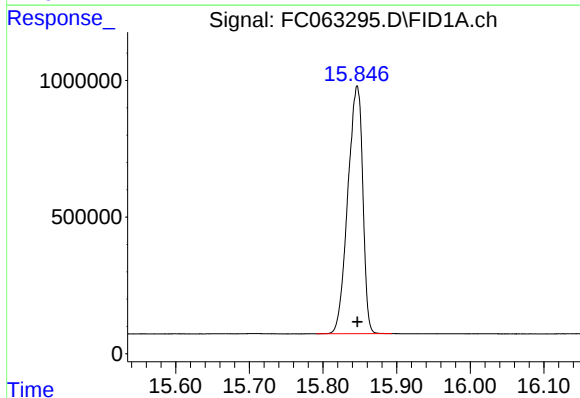
R.T.: 13.726 min
Delta R.T.: 0.000 min
Response: 12792937
Conc: 98.15 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



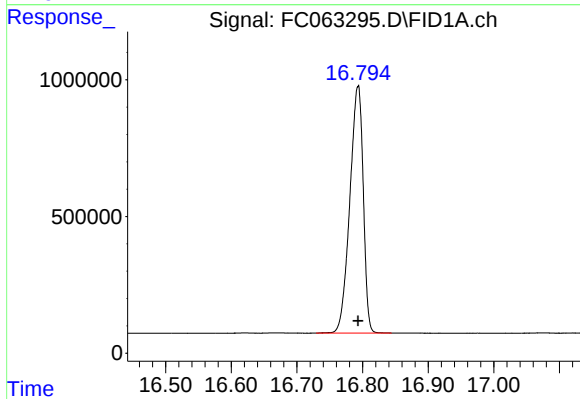
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: 0.000 min
Response: 12919565
Conc: 98.55 ug/ml



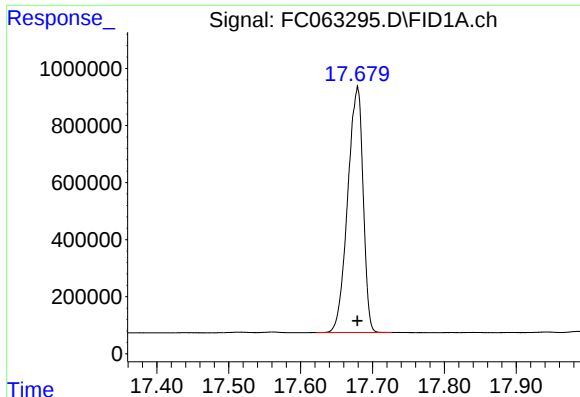
#15 n-Hexacosane (C26)

R.T.: 15.846 min
Delta R.T.: 0.000 min
Response: 12793564
Conc: 98.34 ug/ml



#16 n-Octacosane (C28)

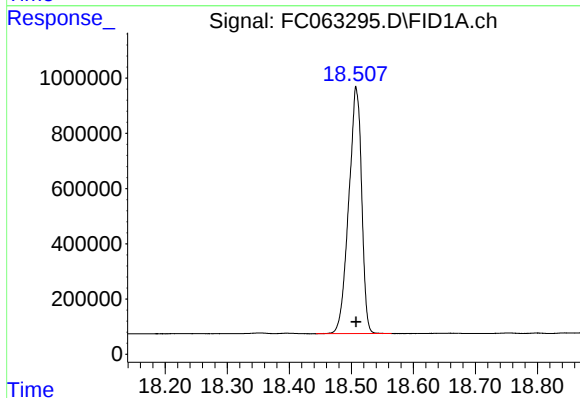
R.T.: 16.793 min
Delta R.T.: 0.000 min
Response: 12833687
Conc: 98.17 ug/ml



#17 n-Tricontane (C30)

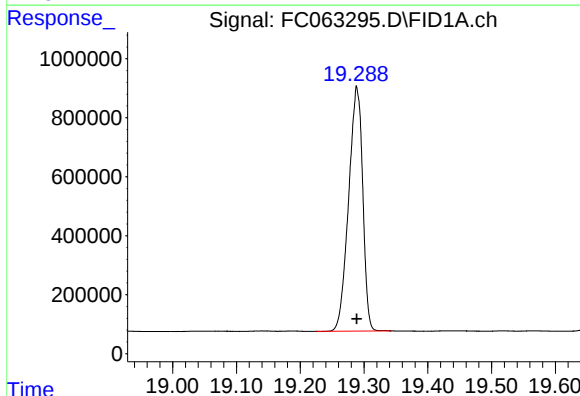
R.T.: 17.679 min
Delta R.T.: 0.000 min
Response: 12797792
Conc: 97.03 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



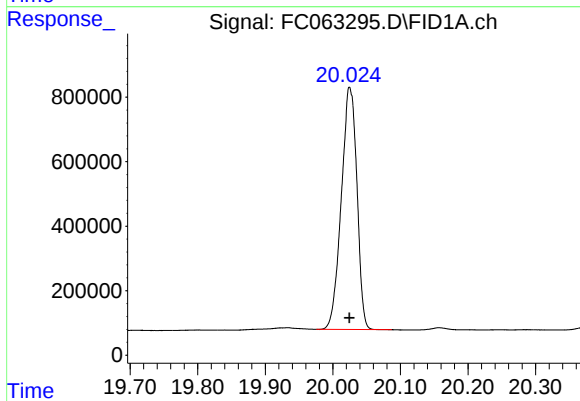
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.000 min
Response: 12900653
Conc: 96.36 ug/ml



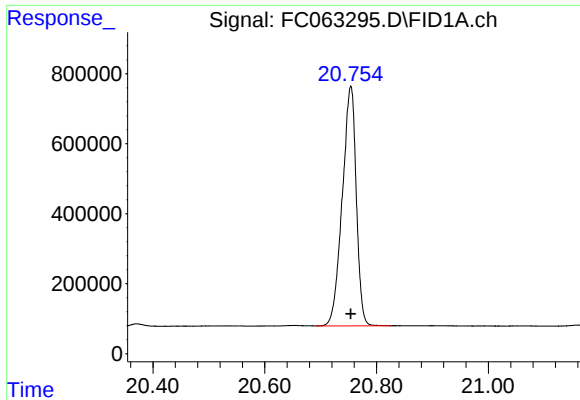
#19 n-Tetratriacontane (C34)

R.T.: 19.289 min
Delta R.T.: 0.000 min
Response: 12712292
Conc: 96.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.025 min
Delta R.T.: 0.000 min
Response: 12056675
Conc: 97.41 ug/ml



#21 n-Octatriacontane (C38)

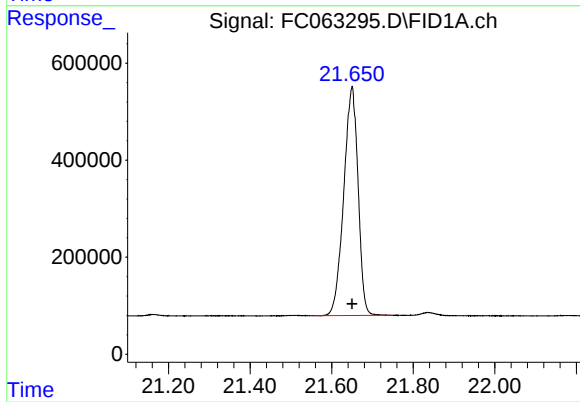
R.T.: 20.754 min
Delta R.T.: 0.000 min
Response: 11898550
Conc: 98.44 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.650 min
Delta R.T.: 0.000 min
Response: 11488600
Conc: 98.77 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063295.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 03:19
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.303	3.270	3.352	BB	1549157	13387764	89.00%	4.702%
2	4.369	4.333	4.427	BB	1398327	13185524	87.65%	4.631%
3	5.952	5.921	6.036	BB	1551102	15043024	100.00%	5.284%
4	6.388	6.347	6.430	BB	1285259	13176330	87.59%	4.628%
5	7.010	6.955	7.106	BB	1366887	14023630	93.22%	4.926%
6	8.183	8.145	8.253	BB	1162785	13113176	87.17%	4.606%
7	9.783	9.741	9.850	BB	1163602	13215025	87.85%	4.642%
8	11.225	11.183	11.281	BB	1102625	13261778	88.16%	4.658%
9	11.539	11.491	11.600	BB	1230003	14518307	96.51%	5.100%
10	12.531	12.488	12.577	BB	1070292	12823460	85.25%	4.504%
11	12.974	12.922	13.020	BB	910287	10914146	72.55%	3.834%
12	13.142	13.099	13.188	BB	991330	12840547	85.36%	4.510%
13	13.726	13.688	13.778	VB	978436	12792937	85.04%	4.494%
14	14.826	14.754	14.881	BB	941802	12919565	85.88%	4.538%
15	15.846	15.791	15.893	BB	907547	12793564	85.05%	4.494%
16	16.793	16.729	16.844	BB	901777	12833687	85.31%	4.508%
17	17.679	17.622	17.727	BB	862261	12797792	85.07%	4.495%
18	18.508	18.443	18.565	BB	893666	12900653	85.76%	4.531%
19	19.289	19.225	19.343	BB	826084	12712292	84.51%	4.465%
20	20.025	19.975	20.087	BB	750931	12056675	80.15%	4.235%
21	20.754	20.692	20.827	BB	684802	11898550	79.10%	4.179%
22	21.650	21.562	21.747	BB	472540	11488600	76.37%	4.035%
Sum of corrected areas:						284697026		

Aliphatic EPH 040523.M Wed Apr 05 10:13:04 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063296.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 04:00
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 05 06:19:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 06:14:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.531	7415608	49.980 ug/ml
Spiked Amount 50.000		Recovery =	99.96%
12) S 1-chlorooctadecane (S...	12.969	5547199	50.212 ug/ml
Spiked Amount 50.000		Recovery =	100.42%
Target Compounds			
1) T n-Nonane (C9)	3.301	6936893	50.341 ug/ml
2) T n-Decane (C10)	4.367	6788718	50.268 ug/ml
3) T A~Naphthalene (C11.7)	5.949	7681374	50.524 ug/ml
4) T n-Dodecane (C12)	6.385	6744311	50.233 ug/ml
5) T A~2-methylnaphthalene...	7.006	7120553	50.486 ug/ml
6) T n-Tetradecane (C14)	8.179	6720078	50.152 ug/ml
7) T n-Hexadecane (C16)	9.779	6755452	50.120 ug/ml
8) T n-Octadecane (C18)	11.218	6793513	50.061 ug/ml
10) T n-Eicosane (C20)	12.526	6567381	50.047 ug/ml
11) T n-Heneicosane (C21)	13.137	6576891	50.025 ug/ml
13) T n-Docosane (C22)	13.723	6558396	50.213 ug/ml
14) T n-Tetracosane (C24)	14.823	6670718	50.586 ug/ml
15) T n-Hexacosane (C26)	15.843	6653491	50.756 ug/ml
16) T n-Octacosane (C28)	16.788	6725260	50.953 ug/ml
17) T n-Tricontane (C30)	17.675	6785167	50.952 ug/ml
18) T n-Dotriacontane (C32)	18.505	6834046	50.692 ug/ml
19) T n-Tetratriacontane (C34)	19.285	6642853	50.262 ug/ml
20) T n-Hexatriacontane (C36)	20.022	6208391	50.105 ug/ml
21) T n-Octatriacontane (C38)	20.748	6087567	50.244 ug/ml
22) T n-Tetracontane (C40)	21.642	5893282	50.441 ug/ml

(f)=RT Delta > 1/2 Window

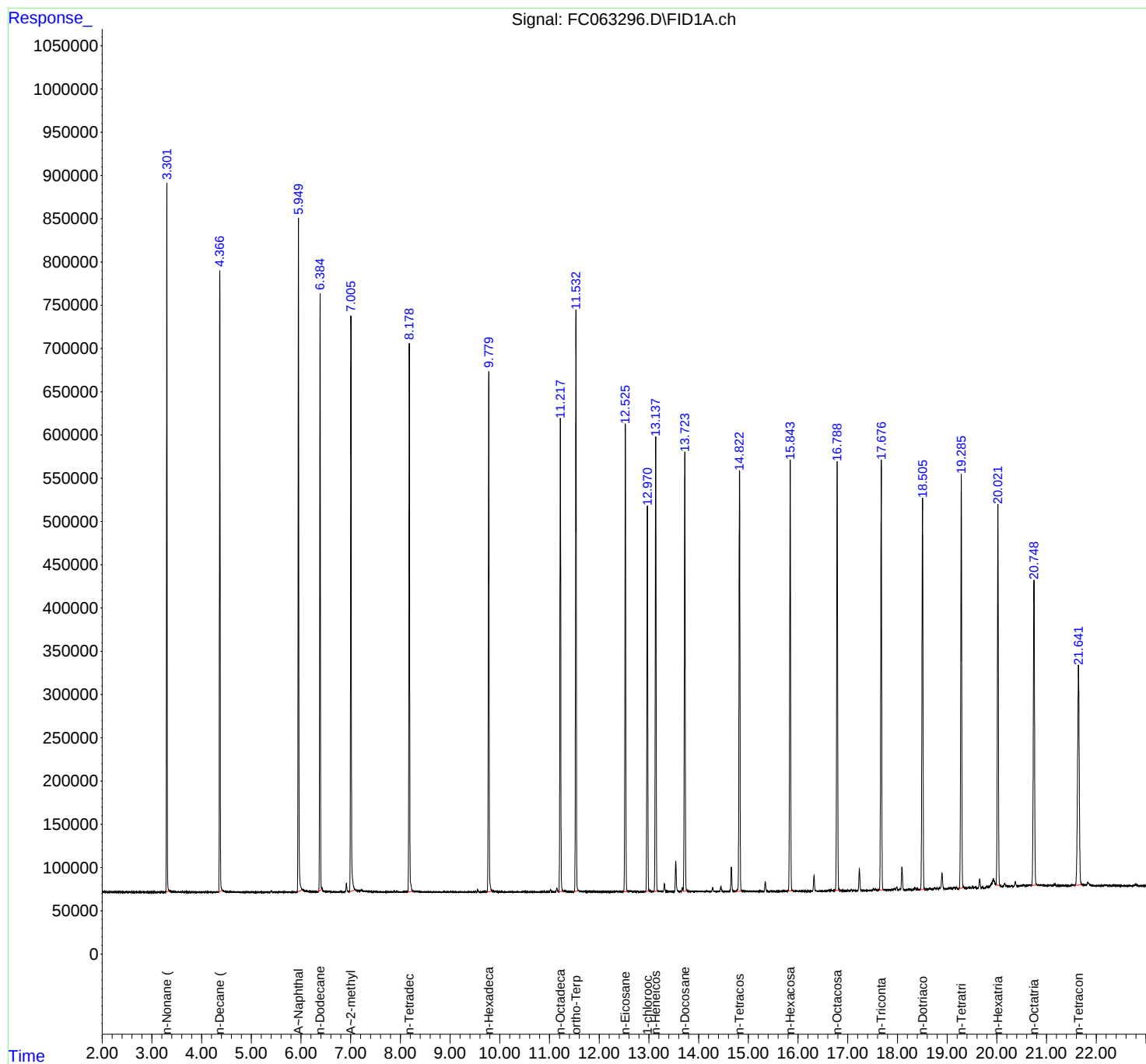
(m)=manual int.

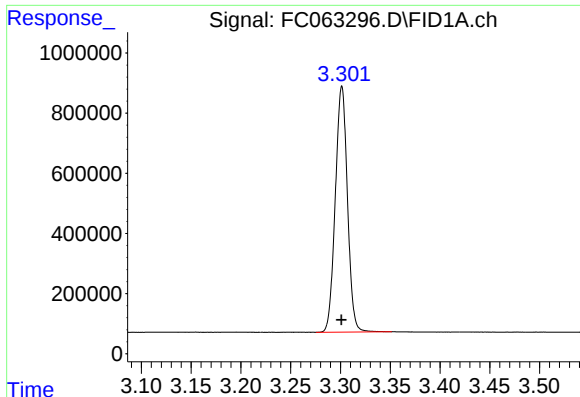
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063296.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 04:00
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Apr 05 06:19:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Quant Title : GC Extractables
QLast Update : Wed Apr 05 06:14:54 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

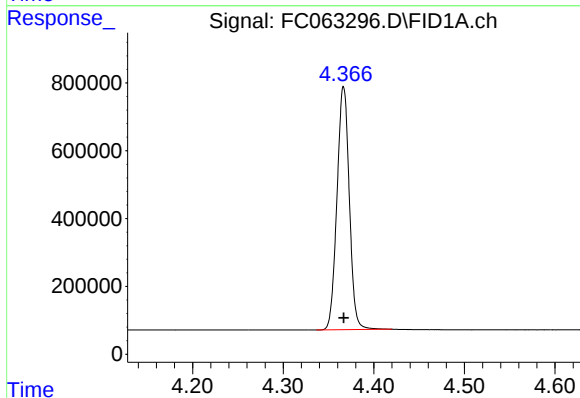




#1 n-Nonane (C9)

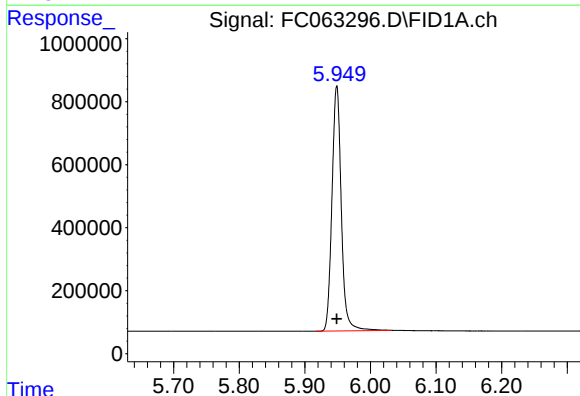
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 6936893
Conc: 50.34 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



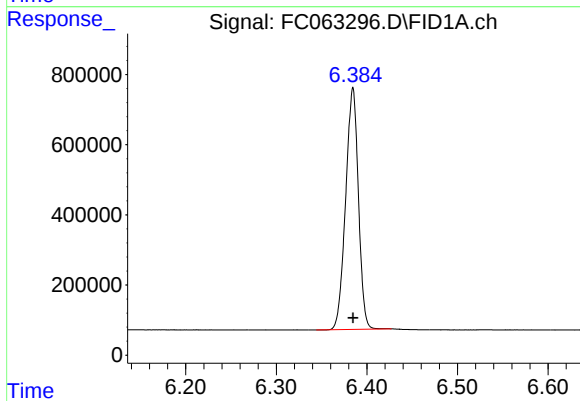
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 6788718
Conc: 50.27 ug/ml



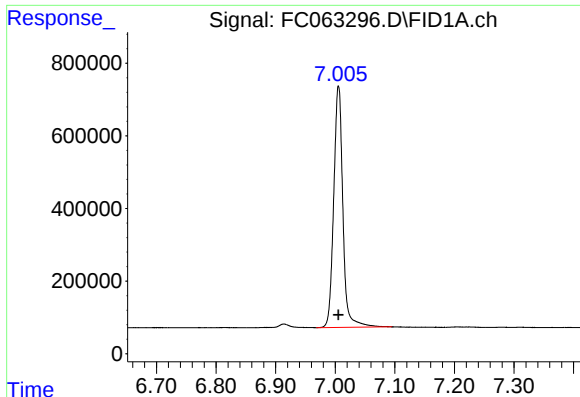
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 7681374
Conc: 50.52 ug/ml



#4 n-Dodecane (C12)

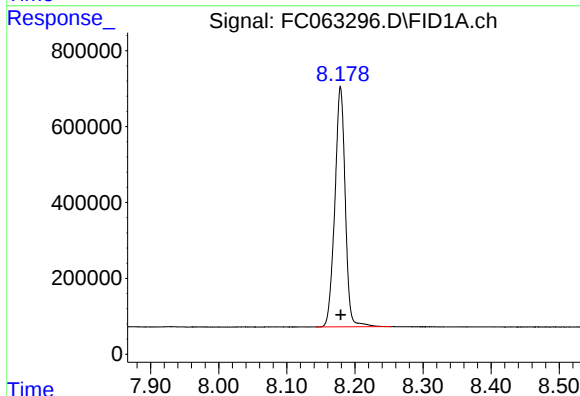
R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 6744311
Conc: 50.23 ug/ml



#5 A~2-methylnaphthalene (C12.89)

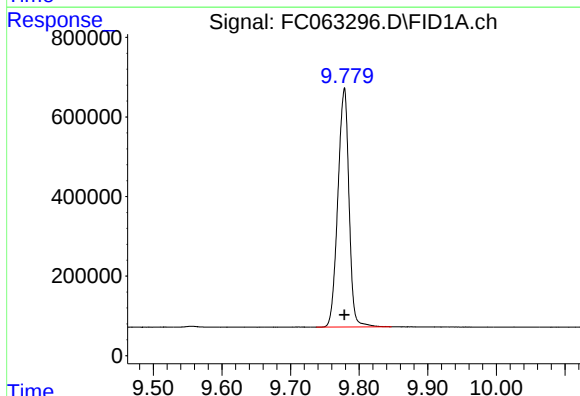
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 7120553
Conc: 50.49 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



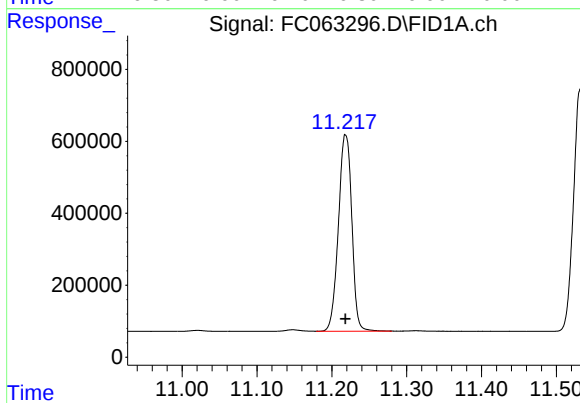
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 6720078
Conc: 50.15 ug/ml



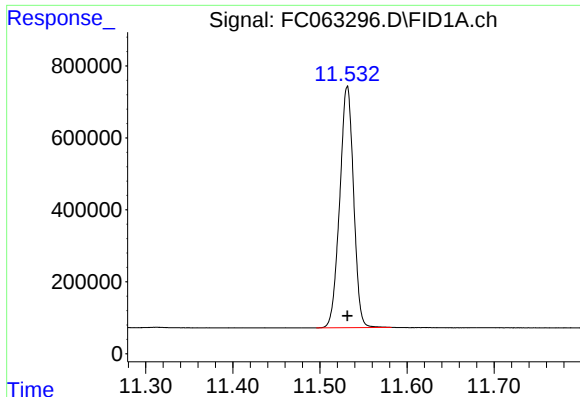
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.000 min
Response: 6755452
Conc: 50.12 ug/ml



#8 n-Octadecane (C18)

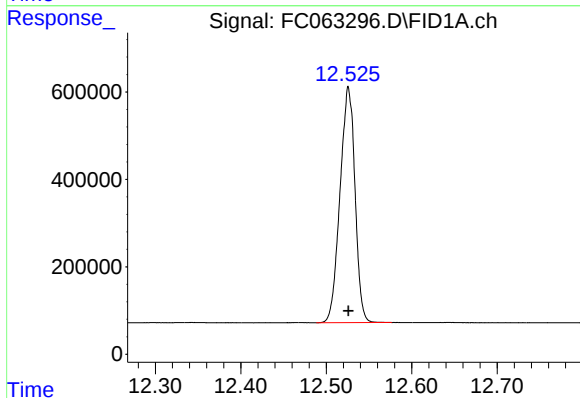
R.T.: 11.218 min
Delta R.T.: 0.000 min
Response: 6793513
Conc: 50.06 ug/ml



#9 ortho-Terphenyl (SURR)

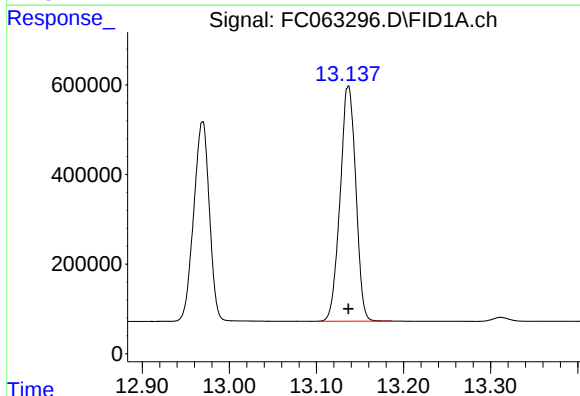
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 7415608
Conc: 49.98 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



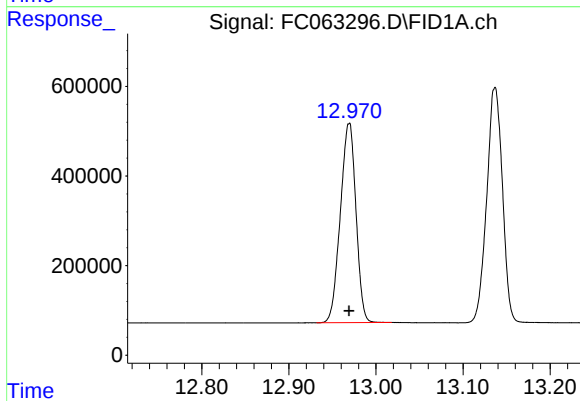
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.000 min
Response: 6567381
Conc: 50.05 ug/ml



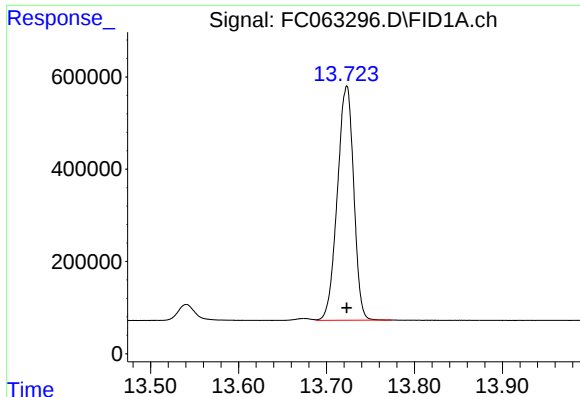
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.000 min
Response: 6576891
Conc: 50.03 ug/ml



#12 1-chlorooctadecane (SURR)

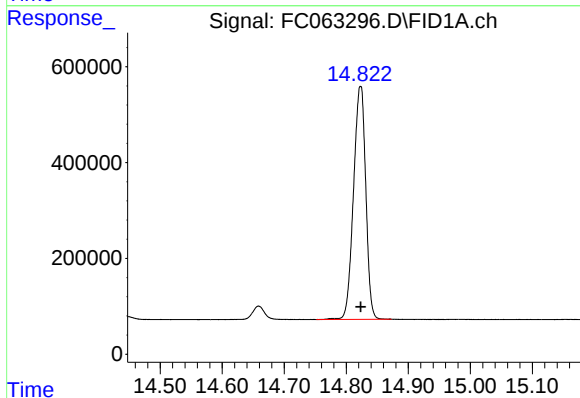
R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 5547199
Conc: 50.21 ug/ml



#13 n-Docosane (C22)

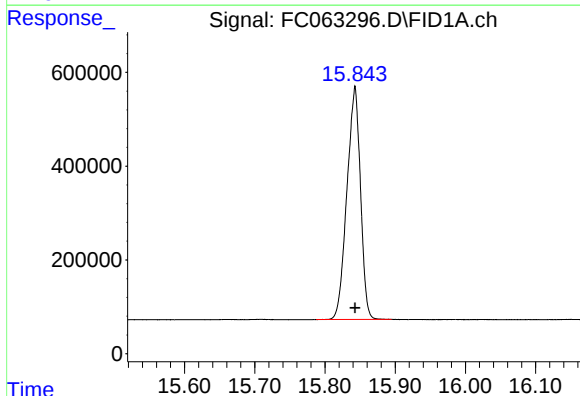
R.T.: 13.723 min
Delta R.T.: 0.000 min
Response: 6558396
Conc: 50.21 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



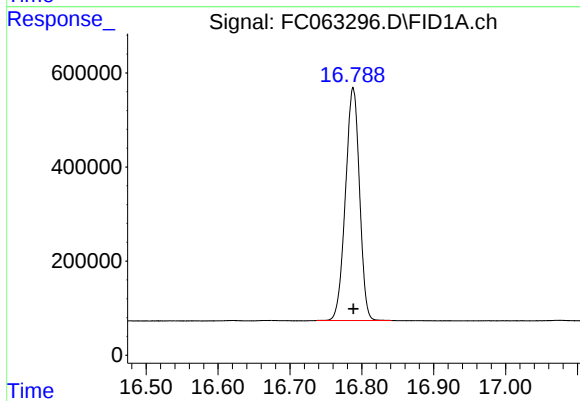
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.000 min
Response: 6670718
Conc: 50.59 ug/ml



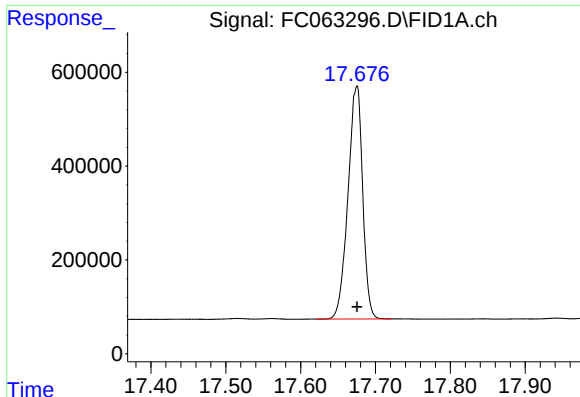
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.000 min
Response: 6653491
Conc: 50.76 ug/ml



#16 n-Octacosane (C28)

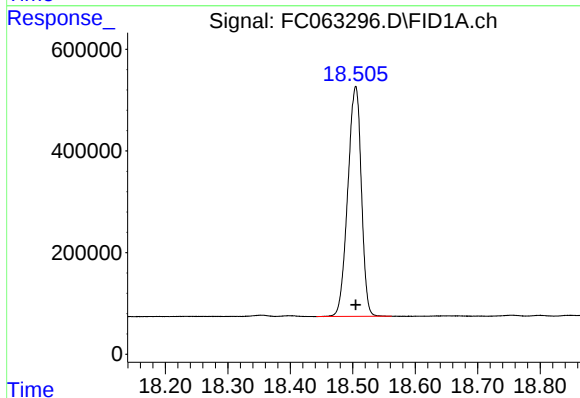
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 6725260
Conc: 50.95 ug/ml



#17 n-Tricontane (C30)

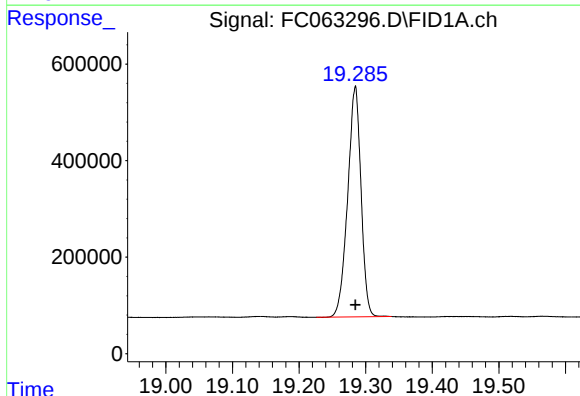
R.T.: 17.675 min
Delta R.T.: 0.000 min
Response: 6785167
Conc: 50.95 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



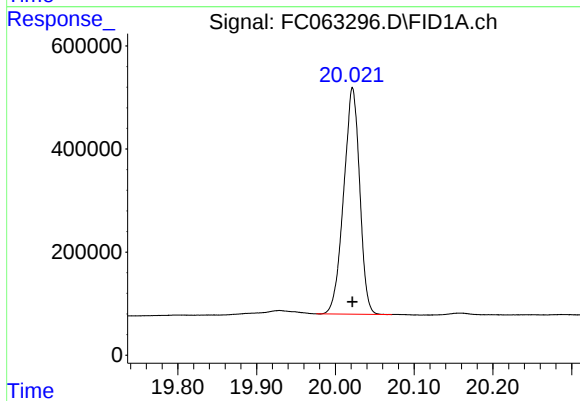
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.000 min
Response: 6834046
Conc: 50.69 ug/ml



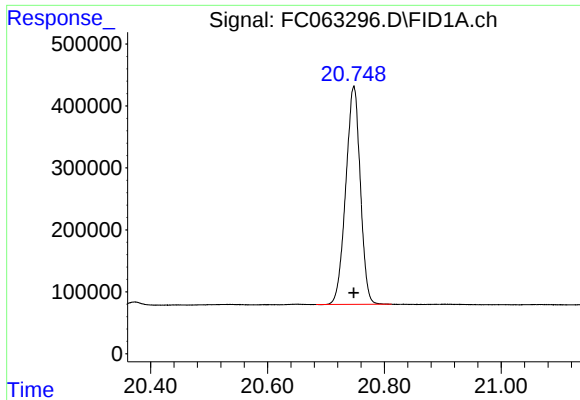
#19 n-Tetratriacontane (C34)

R.T.: 19.285 min
Delta R.T.: 0.000 min
Response: 6642853
Conc: 50.26 ug/ml



#20 n-Hexatriacontane (C36)

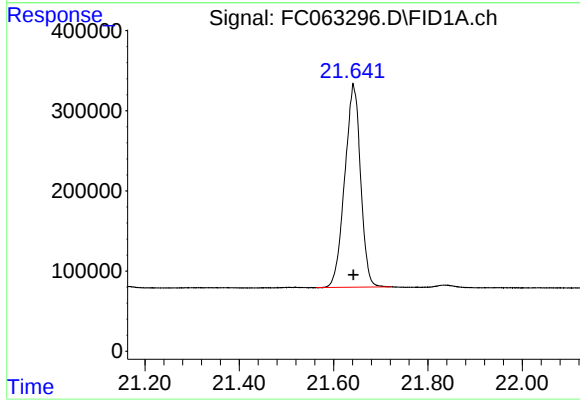
R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 6208391
Conc: 50.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.000 min
Response: 6087567
Conc: 50.24 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: 0.000 min
Response: 5893282
Conc: 50.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063296.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 04:00
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.302	3.276	3.352	BB	818869	6936893	90.31%	4.728%
2	4.367	4.337	4.420	BB	717019	6788718	88.38%	4.627%
3	5.949	5.917	6.032	BB	778436	7681374	100.00%	5.236%
4	6.385	6.344	6.427	BB	690570	6744311	87.80%	4.597%
5	7.006	6.968	7.095	BB	664213	7120553	92.70%	4.854%
6	8.179	8.143	8.254	BB	632635	6720078	87.49%	4.581%
7	9.779	9.737	9.847	BB	599501	6755452	87.95%	4.605%
8	11.218	11.179	11.280	BB	545213	6793513	88.44%	4.631%
9	11.531	11.496	11.582	BB	670671	7415608	96.54%	5.055%
10	12.526	12.488	12.577	BB	539818	6567381	85.50%	4.477%
11	12.969	12.932	13.018	BB	444265	5547199	72.22%	3.781%
12	13.137	13.100	13.187	BB	525209	6576891	85.62%	4.483%
13	13.723	13.688	13.774	VB	508177	6558396	85.38%	4.470%
14	14.823	14.752	14.873	BB	485767	6670718	86.84%	4.547%
15	15.843	15.787	15.895	BB	498553	6653491	86.62%	4.535%
16	16.788	16.736	16.842	BB	495582	6725260	87.55%	4.584%
17	17.675	17.621	17.722	BB	496144	6785167	88.33%	4.625%
18	18.505	18.442	18.562	BB	452667	6834046	88.97%	4.658%
19	19.285	19.226	19.339	BB	479196	6642853	86.48%	4.528%
20	20.022	19.976	20.072	BB	439947	6208391	80.82%	4.232%
21	20.748	20.683	20.812	BB	353193	6087567	79.25%	4.149%
22	21.642	21.563	21.723	BB	253780	5893282	76.72%	4.017%
Sum of corrected areas:						146707140		

Aliphatic EPH 040523.M Wed Apr 05 10:13:34 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063297.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 04:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Apr 05 06:15:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 06:14:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.530	3032335	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.967	2226838	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.300	2815657	20.000 ug/ml
2) T n-Decane (C10)	4.366	2750510	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3040946	20.000 ug/ml
4) T n-Dodecane (C12)	6.383	2722657	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.005	2809497	20.000 ug/ml
6) T n-Tetradecane (C14)	8.176	2728981	20.000 ug/ml
7) T n-Hexadecane (C16)	9.776	2741940	20.000 ug/ml
8) T n-Octadecane (C18)	11.216	2772574	20.000 ug/ml
10) T n-Eicosane (C20)	12.525	2681762	20.000 ug/ml
11) T n-Heneicosane (C21)	13.135	2689455	20.000 ug/ml
13) T n-Docosane (C22)	13.720	2654778	20.000 ug/ml
14) T n-Tetracosane (C24)	14.820	2659868	20.000 ug/ml
15) T n-Hexacosane (C26)	15.840	2645143	20.000 ug/ml
16) T n-Octacosane (C28)	16.786	2662546	20.000 ug/ml
17) T n-Tricontane (C30)	17.670	2716414	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.499	2775138	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2730309	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.018	2539762	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.746	2454911	20.000 ug/ml
22) T n-Tetracontane (C40)	21.641	2355052	20.000 ug/ml

(f)=RT Delta > 1/2 Window

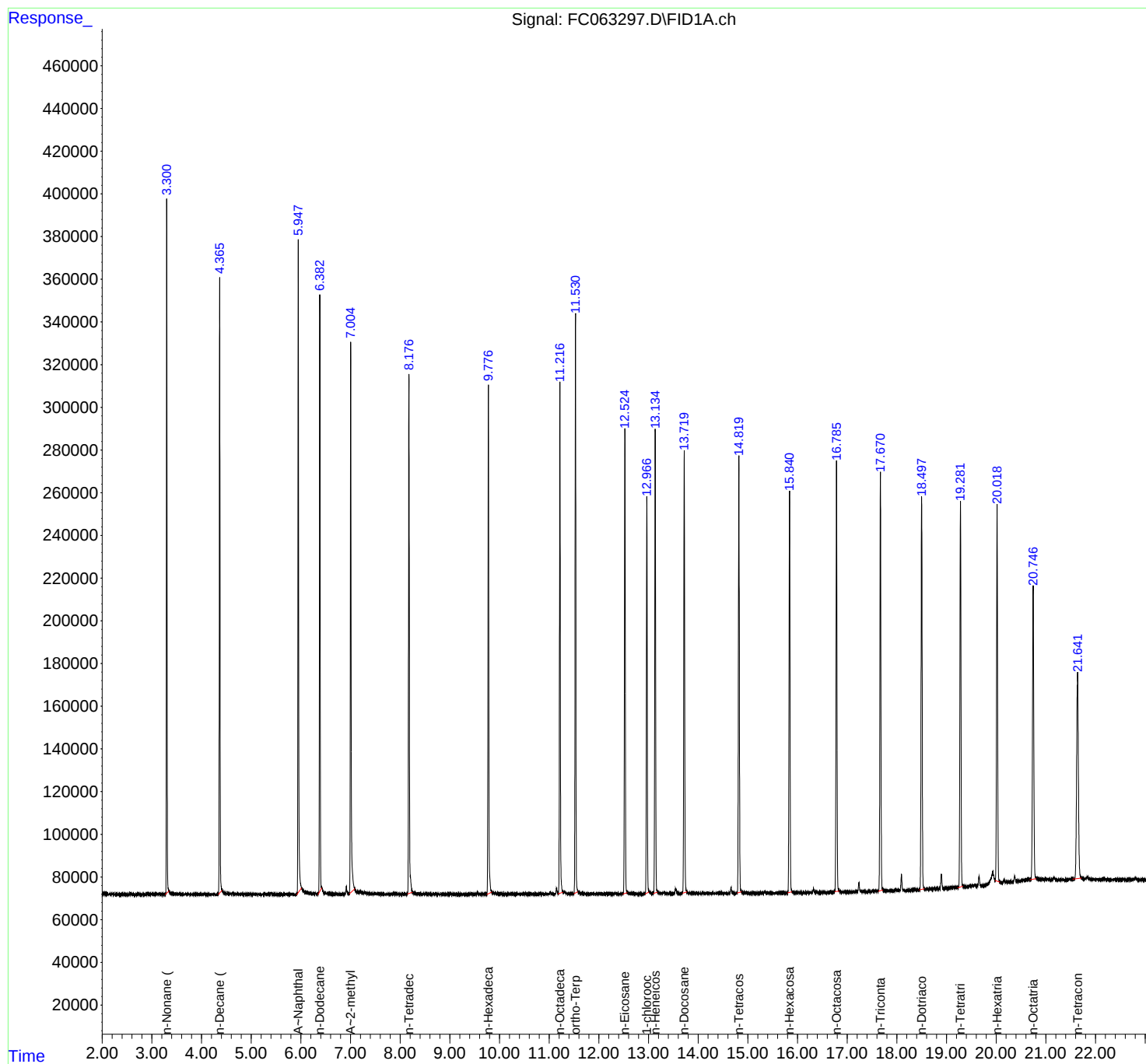
(m)=manual int.

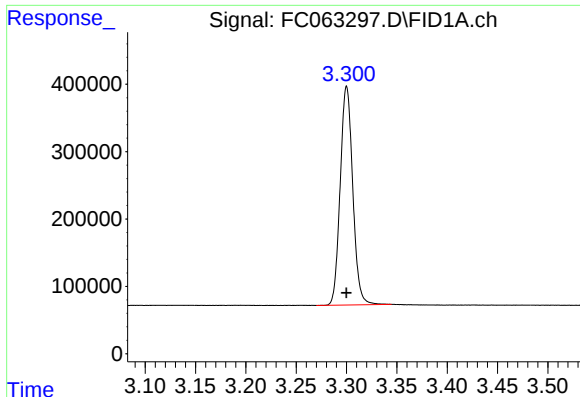
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063297.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 04:41
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Apr 05 06:15:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Quant Title : GC Extractables
QLast Update : Wed Apr 05 06:14:54 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

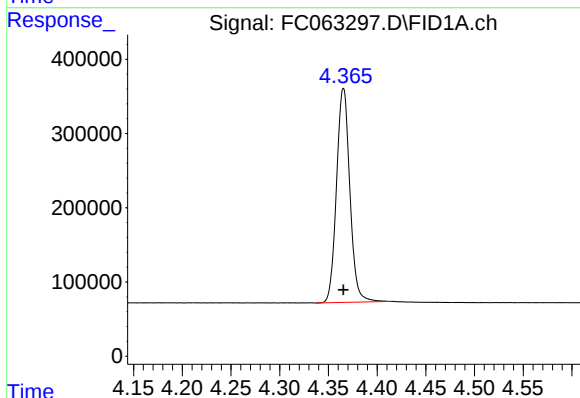




#1 n-Nonane (C9)

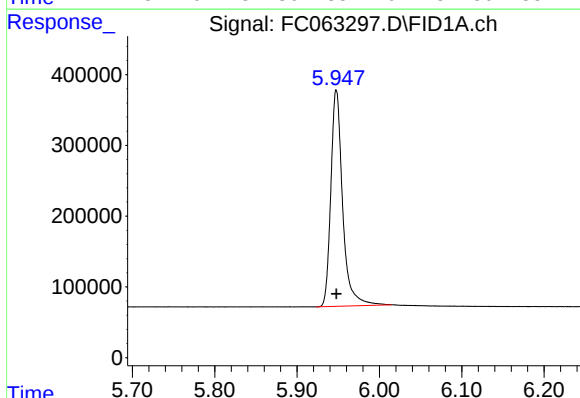
R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 2815657
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



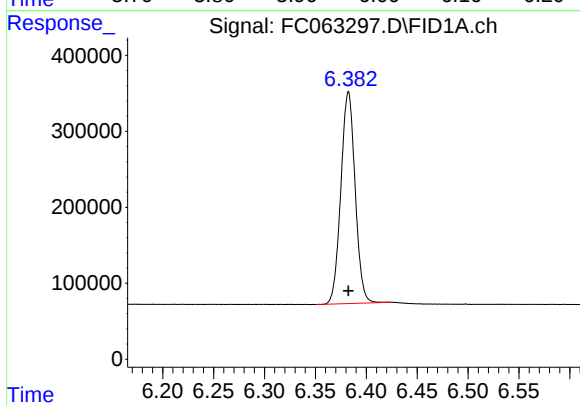
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 2750510
Conc: 20.00 ug/ml



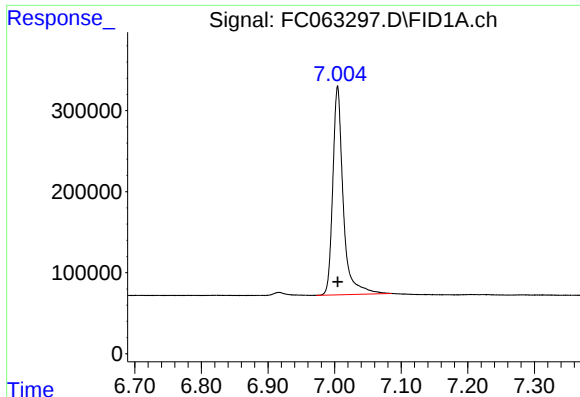
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3040946
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

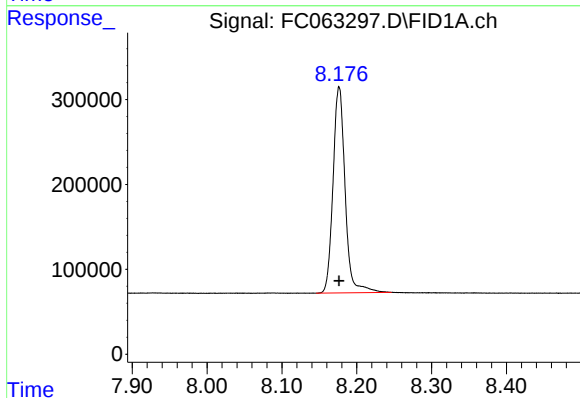
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2722657
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

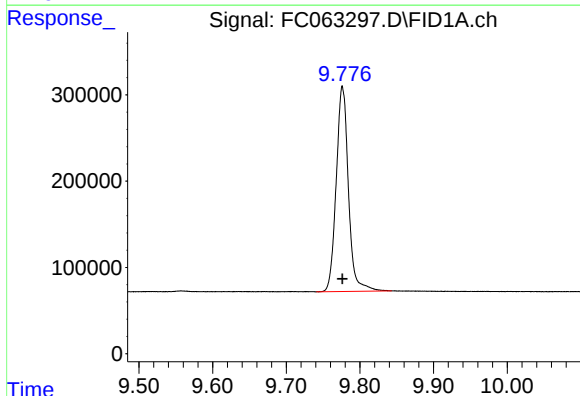
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 2809497
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



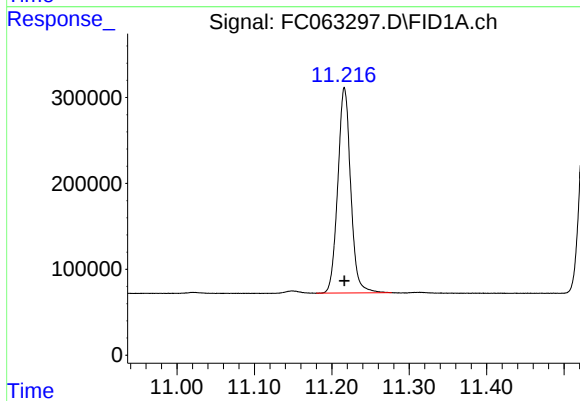
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2728981
Conc: 20.00 ug/ml



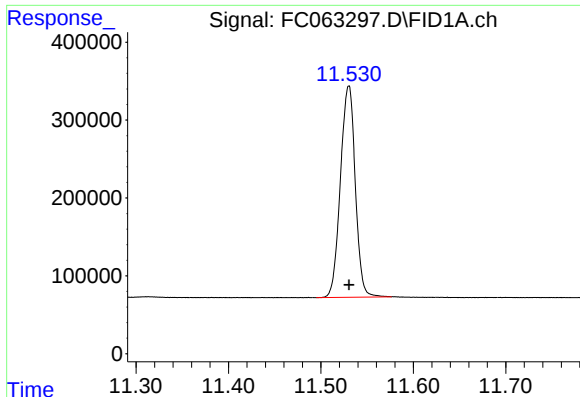
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 2741940
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

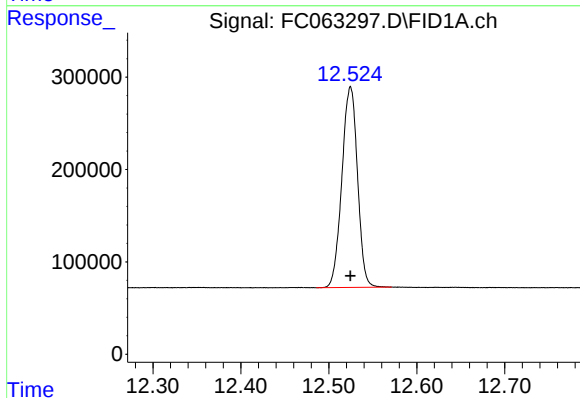
R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 2772574
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

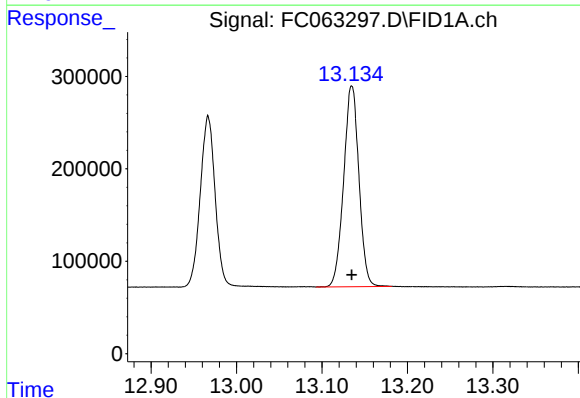
R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 3032335
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



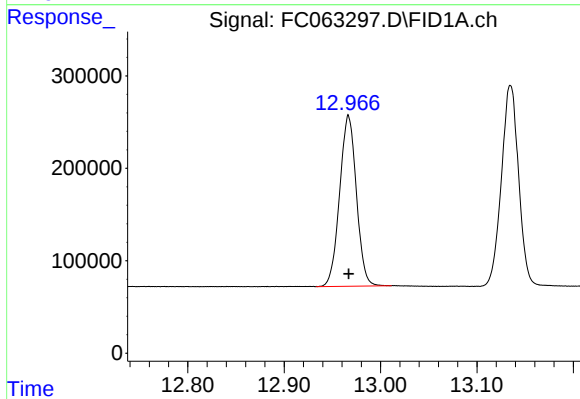
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 2681762
Conc: 20.00 ug/ml



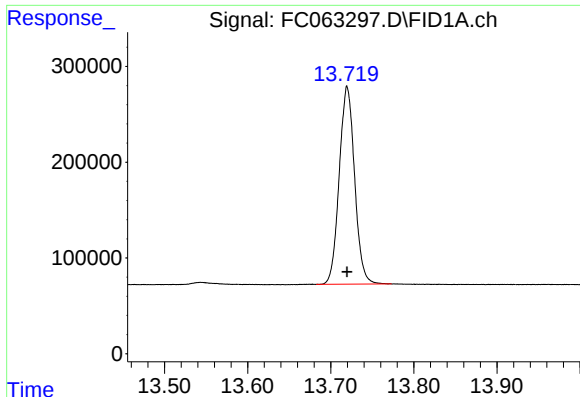
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.000 min
Response: 2689455
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

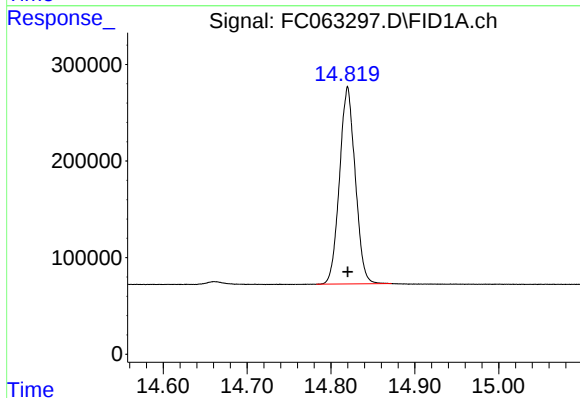
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2226838
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

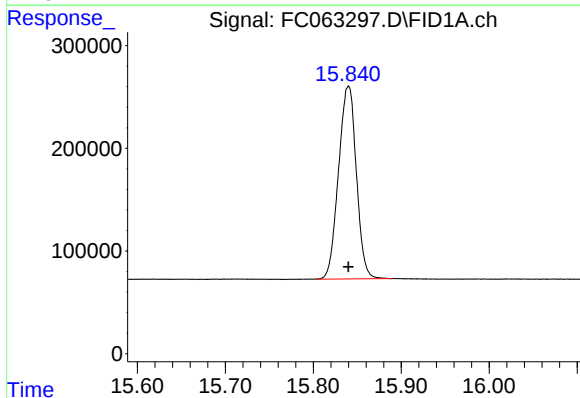
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 2654778
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



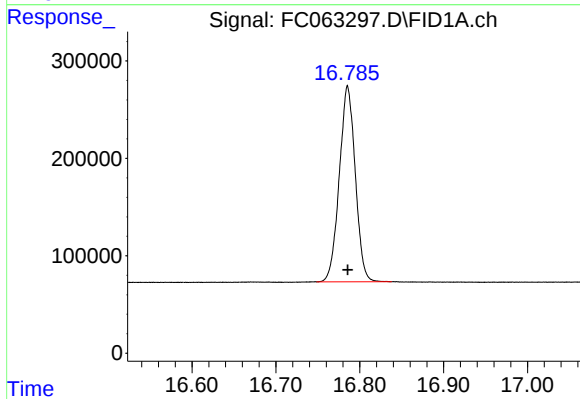
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.000 min
Response: 2659868
Conc: 20.00 ug/ml



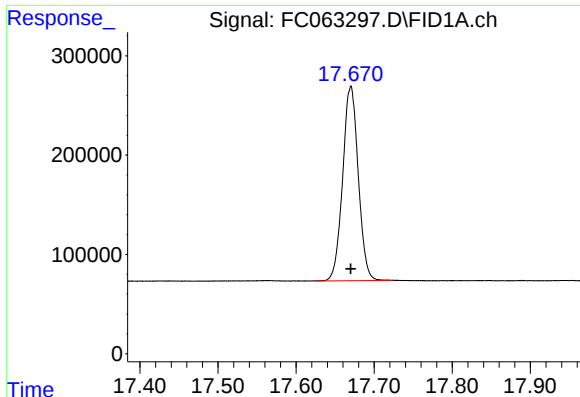
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.000 min
Response: 2645143
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

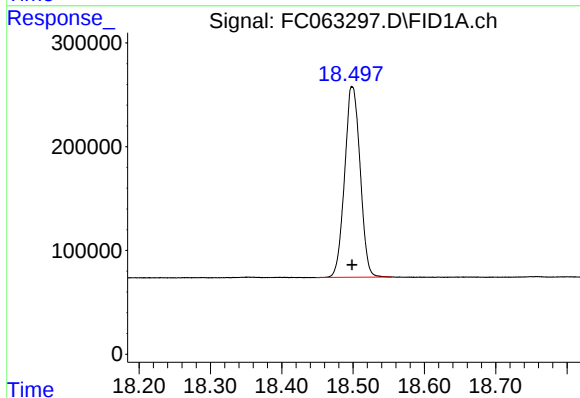
R.T.: 16.786 min
Delta R.T.: 0.000 min
Response: 2662546
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

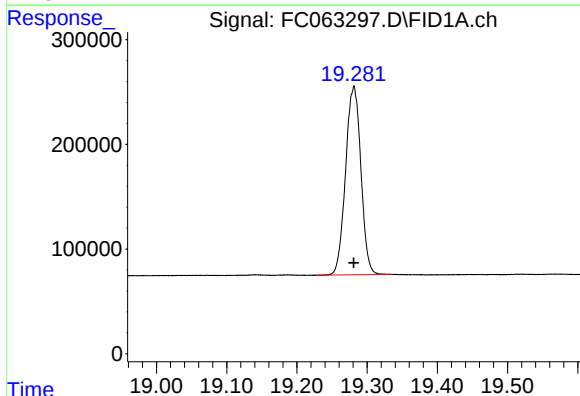
R.T.: 17.670 min
Delta R.T.: 0.000 min
Response: 2716414
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



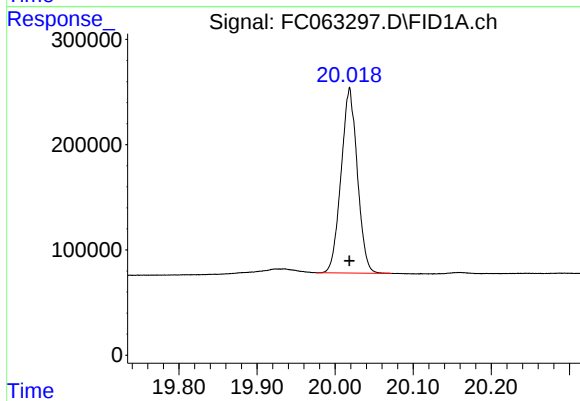
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 2775138
Conc: 20.00 ug/ml



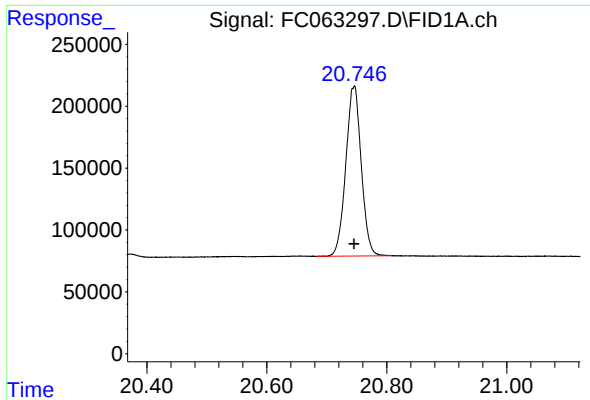
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: 0.000 min
Response: 2730309
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

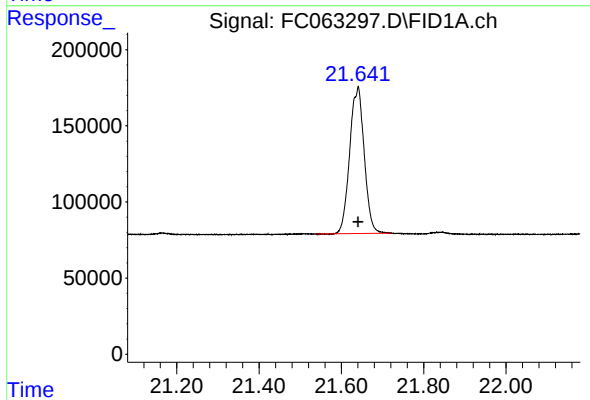
R.T.: 20.018 min
Delta R.T.: 0.000 min
Response: 2539762
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: 0.000 min
Response: 2454911
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: 0.000 min
Response: 2355052
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063297.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 04:41
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.300	3.270	3.345	BB	324837	2815657	92.59%	4.756%
2	4.366	4.337	4.415	BB	288298	2750510	90.45%	4.646%
3	5.948	5.923	6.015	BB	304925	3040946	100.00%	5.136%
4	6.383	6.351	6.425	BB	279186	2722657	89.53%	4.599%
5	7.005	6.972	7.086	BB	258068	2809497	92.39%	4.745%
6	8.176	8.146	8.246	BB	242835	2728981	89.74%	4.609%
7	9.776	9.741	9.843	BB	237612	2741940	90.17%	4.631%
8	11.216	11.180	11.277	BB	239278	2772574	91.17%	4.683%
9	11.530	11.495	11.577	BB	271518	3032335	99.72%	5.122%
10	12.525	12.486	12.572	BB	217732	2681762	88.19%	4.529%
11	12.967	12.933	13.012	BB	185343	2226838	73.23%	3.761%
12	13.135	13.093	13.182	BB	217090	2689455	88.44%	4.542%
13	13.720	13.682	13.773	BB	206202	2654778	87.30%	4.484%
14	14.820	14.782	14.872	BB	204597	2659868	87.47%	4.492%
15	15.840	15.803	15.889	BB	187857	2645143	86.98%	4.468%
16	16.786	16.748	16.838	BB	201357	2662546	87.56%	4.497%
17	17.670	17.626	17.722	BB	195814	2716414	89.33%	4.588%
18	18.499	18.448	18.554	BB	183167	2775138	91.26%	4.687%
19	19.281	19.227	19.335	BB	180848	2730309	89.78%	4.611%
20	20.018	19.976	20.072	BB	175960	2539762	83.52%	4.290%
21	20.746	20.682	20.808	BB	137230	2454911	80.73%	4.146%
22	21.641	21.539	21.722	BB	96461	2355052	77.44%	3.978%
Sum of corrected areas:							59207071	

Aliphatic EPH 040523.M Wed Apr 05 10:13:52 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063298.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 06:03
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 05 06:31:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 06:31:08 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.527	1520263	10.184 ug/ml
Spiked Amount 50.000		Recovery =	20.37%
12) S 1-chlorooctadecane (S...	12.965	1089718	9.898 ug/ml
Spiked Amount 50.000		Recovery =	19.80%
Target Compounds			
1) T n-Nonane (C9)	3.298	1409726	10.172 ug/ml
2) T n-Decane (C10)	4.363	1354327	10.021 ug/ml
3) T A~Naphthalene (C11.7)	5.948	1442915	9.613 ug/ml
4) T n-Dodecane (C12)	6.382	1326614	9.910 ug/ml
5) T A~2-methylnaphthalene...	7.005	1325324	9.541 ug/ml
6) T n-Tetradecane (C14)	8.176	1326737	9.926 ug/ml
7) T n-Hexadecane (C16)	9.775	1350694	10.016 ug/ml
8) T n-Octadecane (C18)	11.215	1377610	10.113 ug/ml
10) T n-Eicosane (C20)	12.523	1343964	10.180 ug/ml
11) T n-Heneicosane (C21)	13.133	1349264	10.196 ug/ml
13) T n-Docosane (C22)	13.720	1334187	10.160 ug/ml
14) T n-Tetracosane (C24)	14.820	1345462	10.152 ug/ml
15) T n-Hexacosane (C26)	15.838	1340503	10.169 ug/ml
16) T n-Octacosane (C28)	16.786	1356166	10.205 ug/ml
17) T n-Tricontane (C30)	17.669	1387537	10.311 ug/ml
18) T n-Dotriacontane (C32)	18.500	1424722	10.420 ug/ml
19) T n-Tetratriacontane (C34)	19.280	1389036	10.378 ug/ml
20) T n-Hexatriacontane (C36)	20.017	1279701	10.244 ug/ml
21) T n-Octatriacontane (C38)	20.743	1213770	10.013 ug/ml
22) T n-Tetracontane (C40)	21.635	1142214	9.831 ug/ml

(f)=RT Delta > 1/2 Window

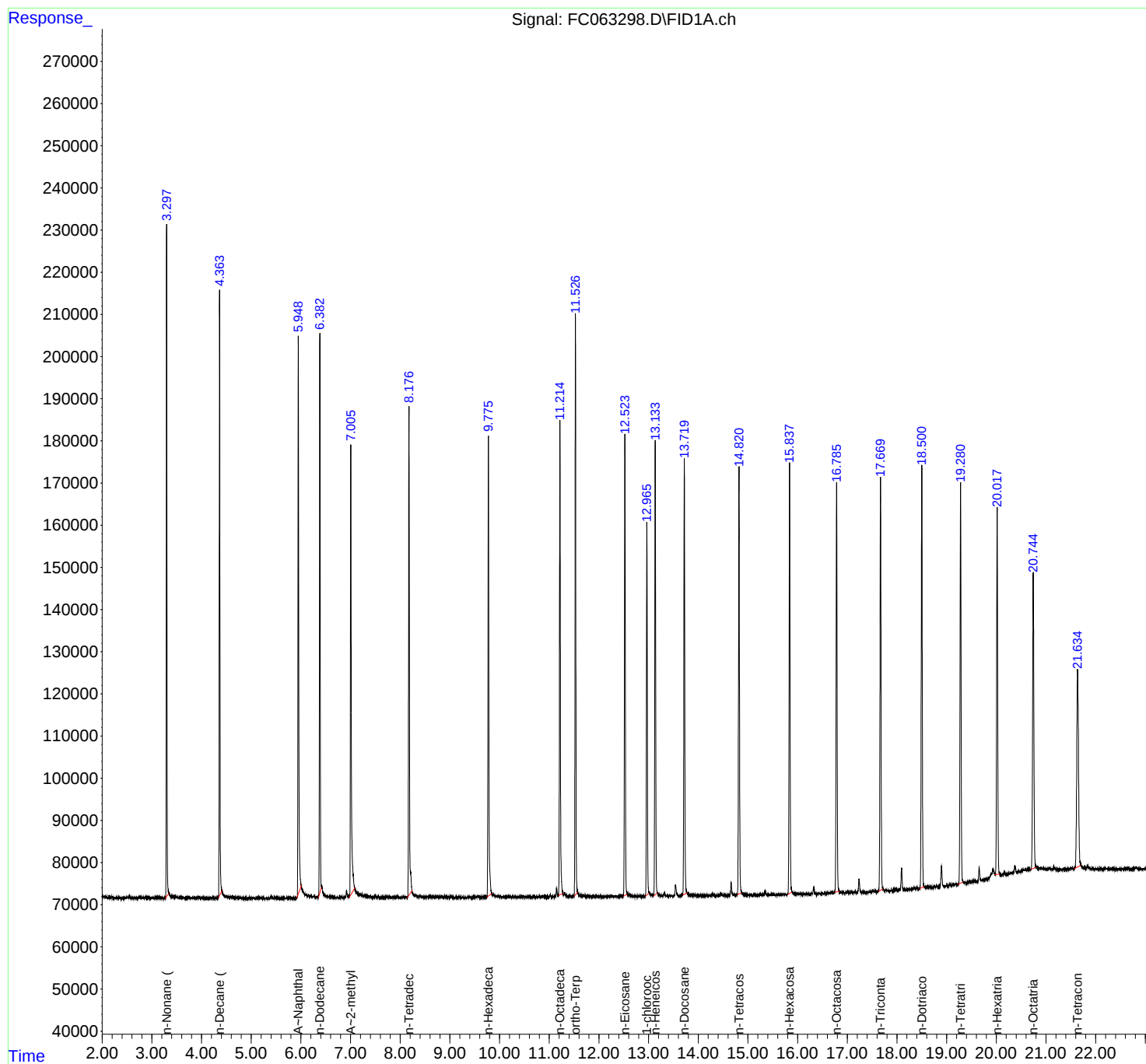
(m)=manual int.

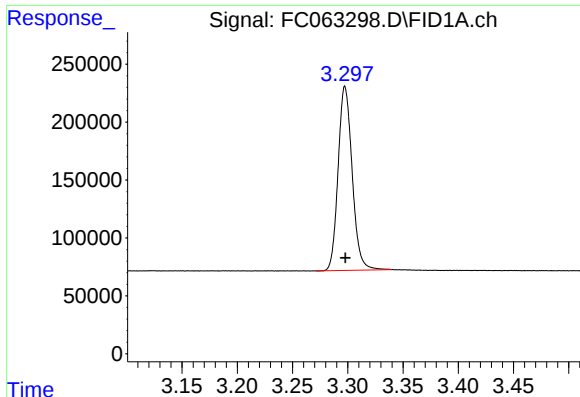
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063298.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 06:03
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Apr 05 06:31:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Quant Title : GC Extractables
QLast Update : Wed Apr 05 06:31:08 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

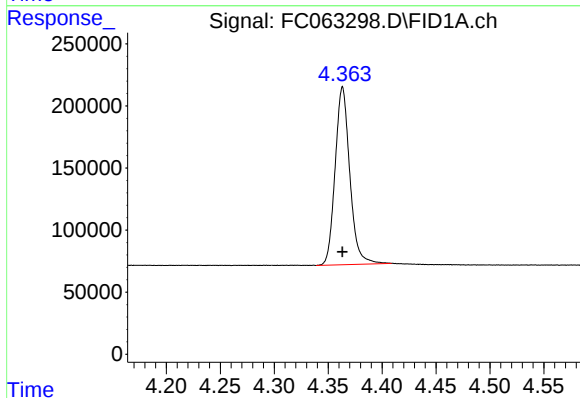




#1 n-Nonane (C9)

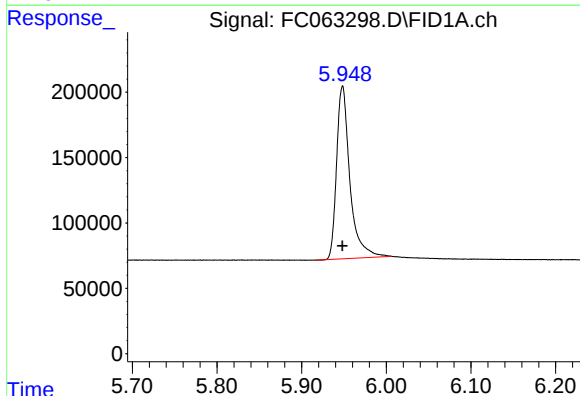
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 1409726
Conc: 10.17 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



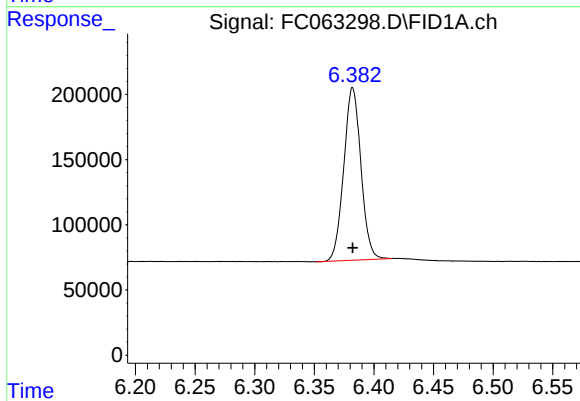
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 1354327
Conc: 10.02 ug/ml



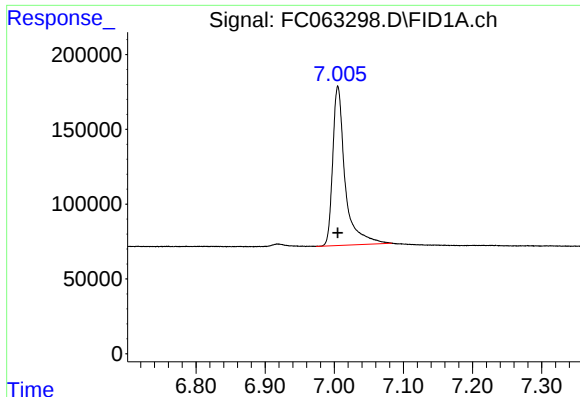
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 1442915
Conc: 9.61 ug/ml



#4 n-Dodecane (C12)

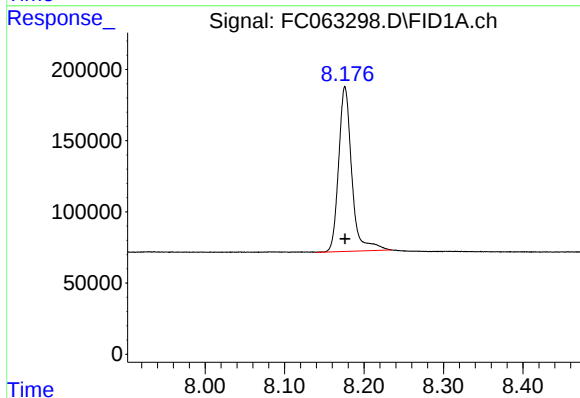
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 1326614
Conc: 9.91 ug/ml



#5 A~2-methylnaphthalene (C12.89)

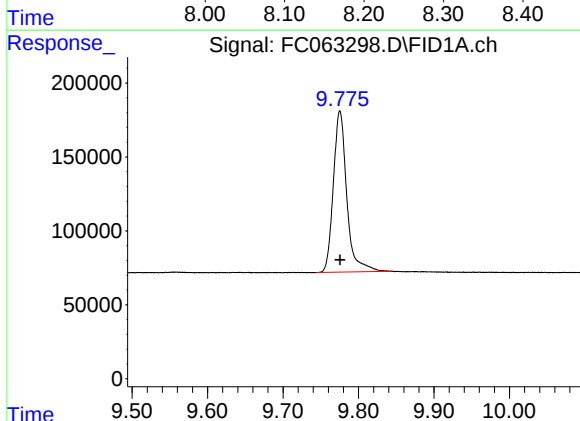
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 1325324
Conc: 9.54 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



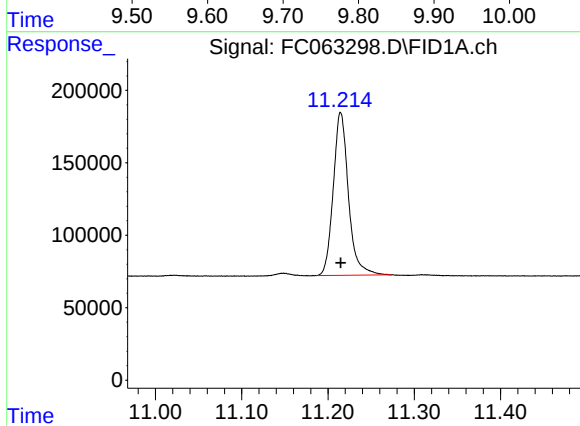
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 1326737
Conc: 9.93 ug/ml



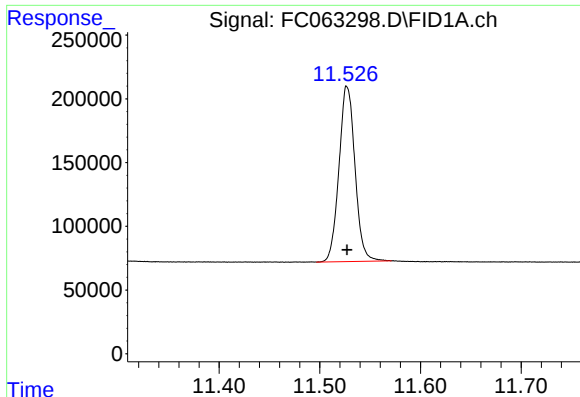
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.000 min
Response: 1350694
Conc: 10.02 ug/ml



#8 n-Octadecane (C18)

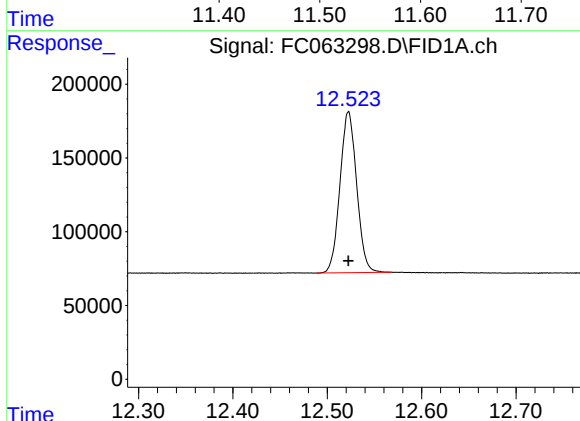
R.T.: 11.215 min
Delta R.T.: 0.000 min
Response: 1377610
Conc: 10.11 ug/ml



#9 ortho-Terphenyl (SURR)

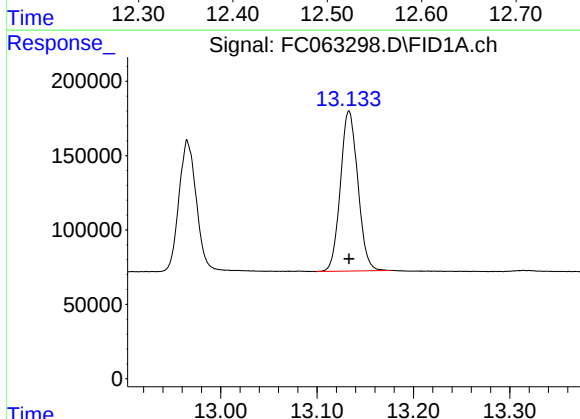
R.T.: 11.527 min
Delta R.T.: 0.000 min
Response: 1520263
Conc: 10.18 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



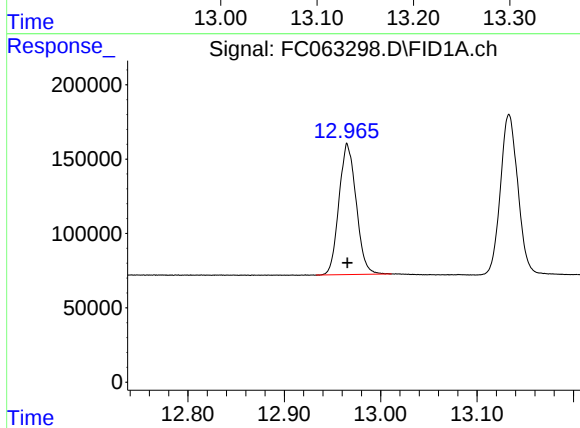
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 1343964
Conc: 10.18 ug/ml



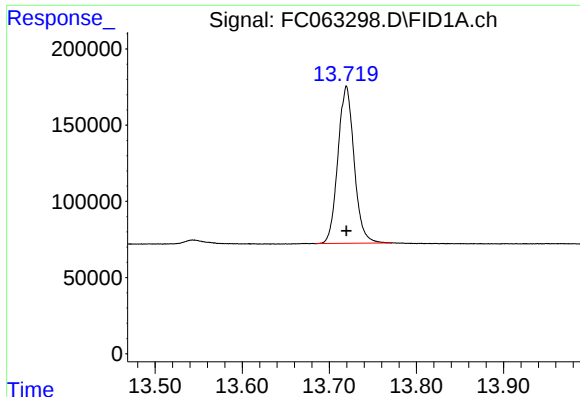
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 1349264
Conc: 10.20 ug/ml



#12 1-chlorooctadecane (SURR)

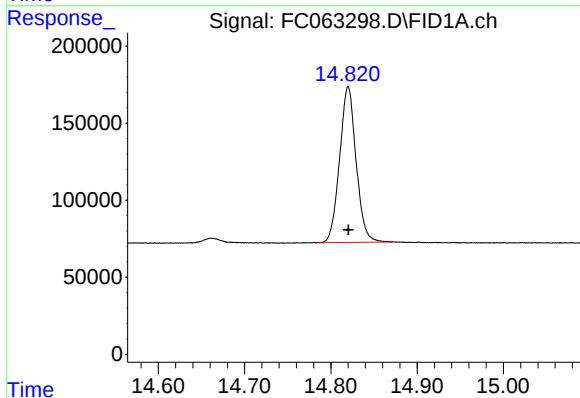
R.T.: 12.965 min
Delta R.T.: 0.000 min
Response: 1089718
Conc: 9.90 ug/ml



#13 n-Docosane (C22)

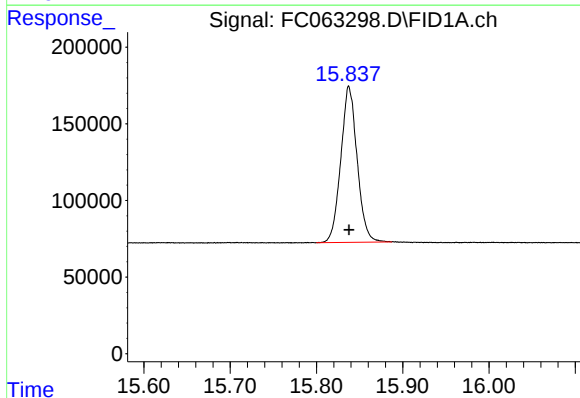
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 1334187
Conc: 10.16 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



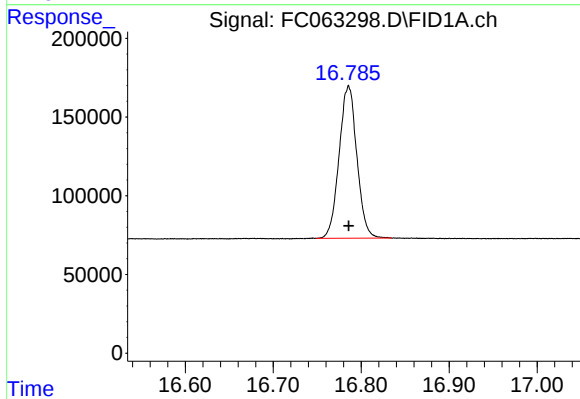
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.000 min
Response: 1345462
Conc: 10.15 ug/ml



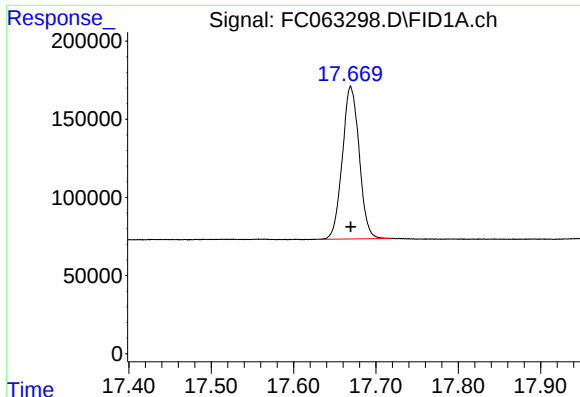
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.000 min
Response: 1340503
Conc: 10.17 ug/ml



#16 n-Octacosane (C28)

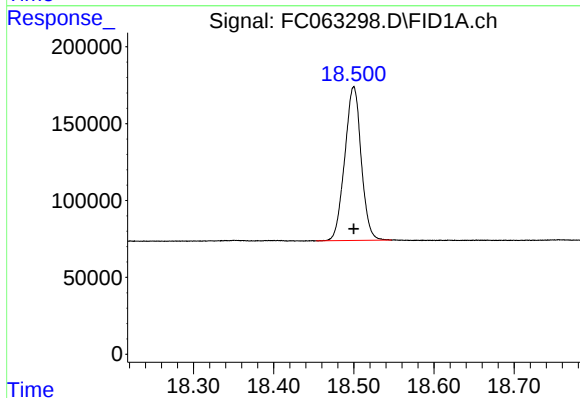
R.T.: 16.786 min
Delta R.T.: 0.000 min
Response: 1356166
Conc: 10.20 ug/ml



#17 n-Tricontane (C30)

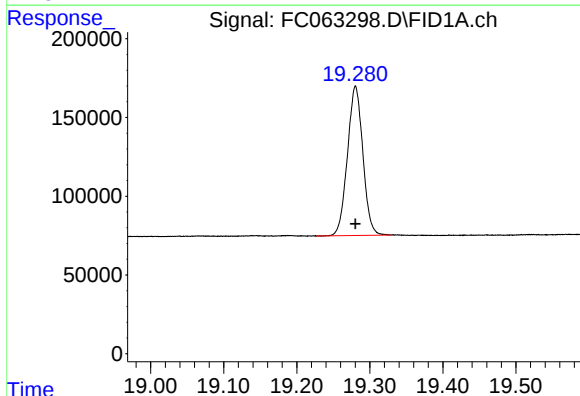
R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 1387537
Conc: 10.31 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



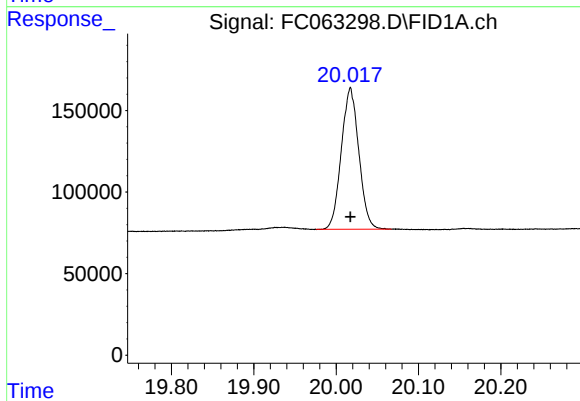
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 1424722
Conc: 10.42 ug/ml



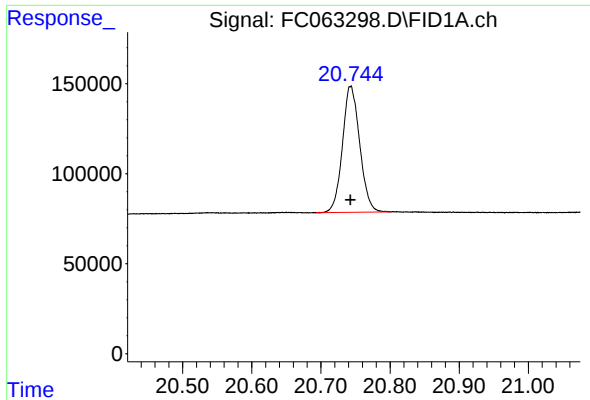
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min
Delta R.T.: 0.000 min
Response: 1389036
Conc: 10.38 ug/ml



#20 n-Hexatriacontane (C36)

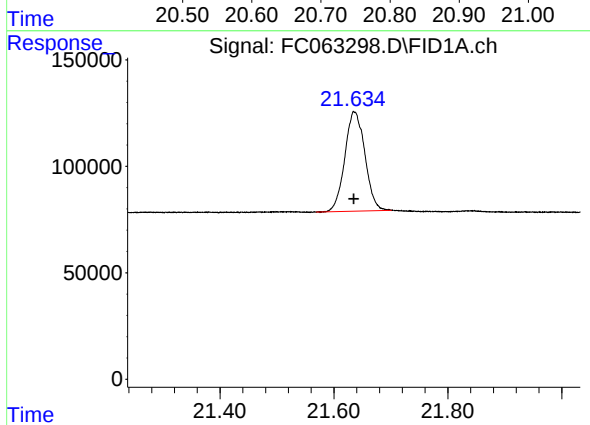
R.T.: 20.017 min
Delta R.T.: 0.000 min
Response: 1279701
Conc: 10.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.000 min
Response: 1213770
Conc: 10.01 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: 0.000 min
Response: 1142214
Conc: 9.83 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063298.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 06:03
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.298	3.271	3.340	BB	159245	1409726	92.73%	4.790%
2	4.363	4.339	4.409	BB	143406	1354327	89.09%	4.602%
3	5.948	5.917	6.006	BB	132119	1442915	94.91%	4.903%
4	6.382	6.351	6.415	BB	132497	1326614	87.26%	4.508%
5	7.005	6.974	7.083	BB	106500	1325324	87.18%	4.503%
6	8.176	8.140	8.235	BB	115860	1326737	87.27%	4.508%
7	9.775	9.744	9.844	BB	109239	1350694	88.85%	4.589%
8	11.215	11.186	11.274	BB	112365	1377610	90.62%	4.681%
9	11.527	11.496	11.571	BB	136987	1520263	100.00%	5.166%
10	12.523	12.488	12.568	BB	109055	1343964	88.40%	4.567%
11	12.965	12.933	13.011	BB	87840	1089718	71.68%	3.703%
12	13.133	13.099	13.177	BB	107742	1349264	88.75%	4.585%
13	13.720	13.685	13.771	BB	103333	1334187	87.76%	4.533%
14	14.820	14.783	14.871	BB	101331	1345462	88.50%	4.572%
15	15.838	15.800	15.887	BB	102034	1340503	88.18%	4.555%
16	16.786	16.749	16.835	BB	97051	1356166	89.21%	4.608%
17	17.669	17.627	17.719	BB	97764	1387537	91.27%	4.715%
18	18.500	18.453	18.547	BB	99970	1424722	93.72%	4.841%
19	19.280	19.226	19.330	BB	95091	1389036	91.37%	4.720%
20	20.017	19.976	20.067	BB	86949	1279701	84.18%	4.348%
21	20.743	20.693	20.802	BB	69678	1213770	79.84%	4.124%
22	21.635	21.569	21.701	BB	46605	1142214	75.13%	3.881%
Sum of corrected areas:							29430453	

Aliphatic EPH 040523.M Wed Apr 05 10:14:10 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063299.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 06:42
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/05/2023
 Supervised By :Ankita Jodhani 04/05/2023

Integration File: autoint1.e
 Quant Time: Apr 05 07:21:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:18:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.528	817993	5.376 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	12.967	564160	5.099 ug/ml
Spiked Amount 50.000		Recovery =	10.20%
Target Compounds			
1) T n-Nonane (C9)	3.297	738076	5.257 ug/ml
2) T n-Decane (C10)	4.364	703852	5.165 ug/ml
3) T A~Naphthalene (C11.7)	5.949	773052	5.113 ug/mlm
4) T n-Dodecane (C12)	6.382	685946	5.099 ug/ml
5) T A~2-methylnaphthalene...	7.005	703769	5.053 ug/mlm
6) T n-Tetradecane (C14)	8.177	711107	5.255 ug/mlm
7) T n-Hexadecane (C16)	9.776	697781	5.138 ug/ml
8) T n-Octadecane (C18)	11.216	738438	5.331 ug/ml
10) T n-Eicosane (C20)	12.523	718428	5.347 ug/ml
11) T n-Heneicosane (C21)	13.133	717988	5.335 ug/ml
13) T n-Docosane (C22)	13.718	707589	5.306 ug/ml
14) T n-Tetracosane (C24)	14.818	710618	5.285 ug/ml
15) T n-Hexacosane (C26)	15.837	709764	5.303 ug/ml
16) T n-Octacosane (C28)	16.784	727119	5.370 ug/ml
17) T n-Tricontane (C30)	17.669	767056	5.545 ug/ml
18) T n-Dotriacontane (C32)	18.499	794872	5.630 ug/ml
19) T n-Tetratriacontane (C34)	19.279	773070	5.602 ug/ml
20) T n-Hexatriacontane (C36)	20.017	696980	5.453 ug/ml
21) T n-Octatriacontane (C38)	20.743	654001	5.311 ug/ml
22) T n-Tetracontane (C40)	21.637	618347	5.255 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063299.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 06:42
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

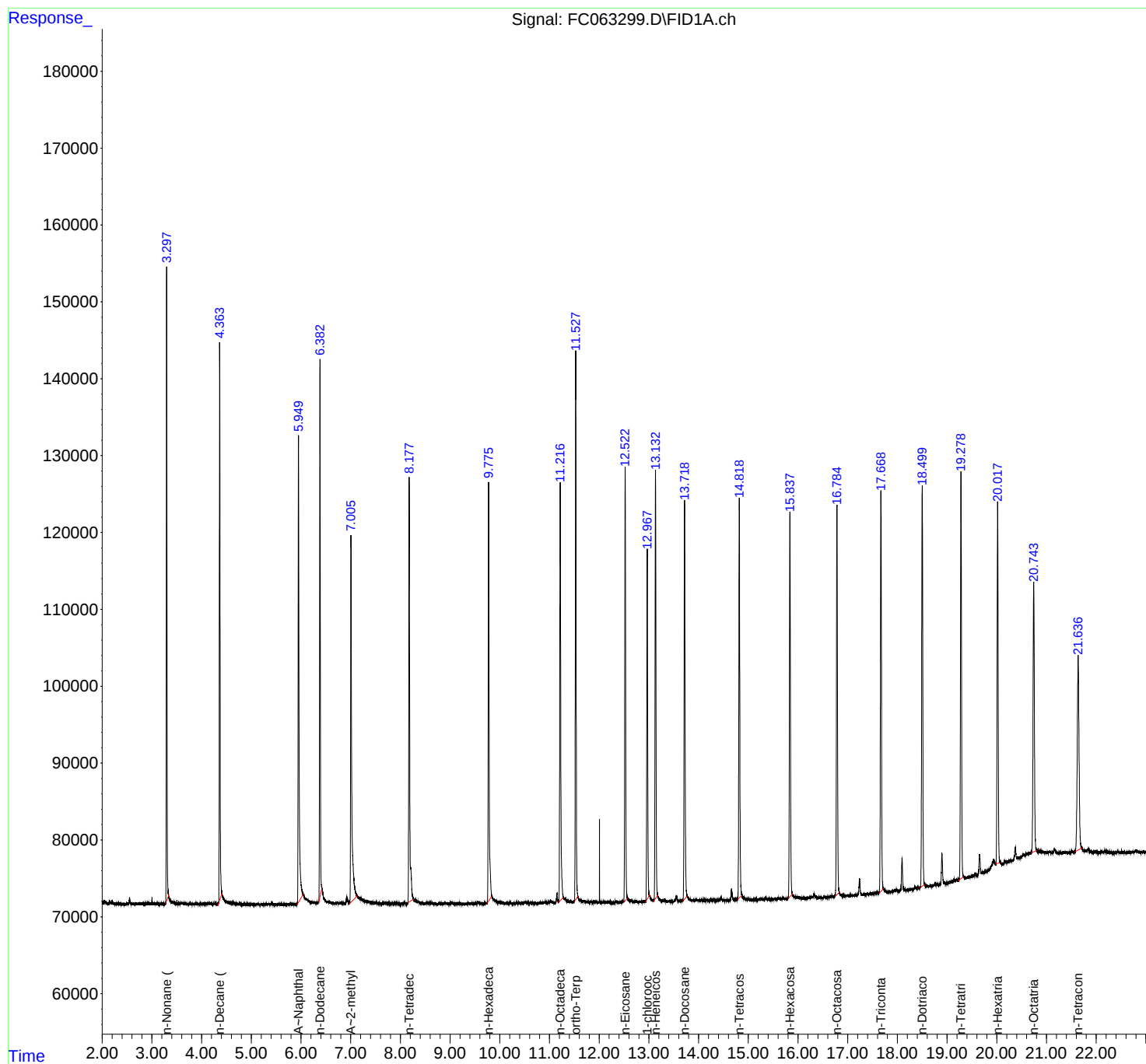
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

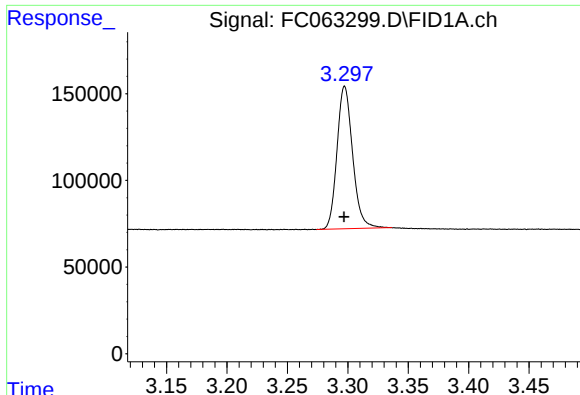
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/05/2023
Supervised By :Ankita Jodhani 04/05/2023

Integration File: autoint1.e
Quant Time: Apr 05 07:21:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Quant Title : GC Extractables
QLast Update : Wed Apr 05 07:18:53 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





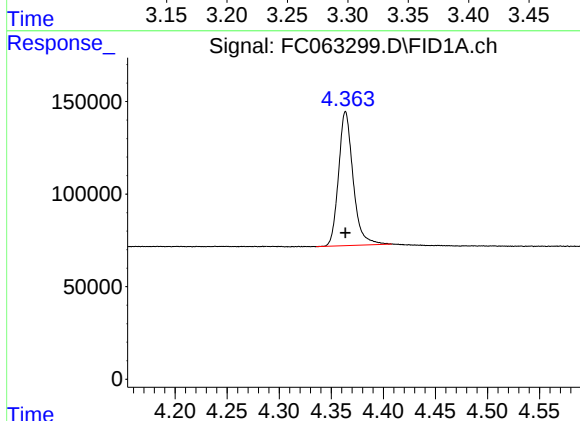
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 738076
Conc: 5.26 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

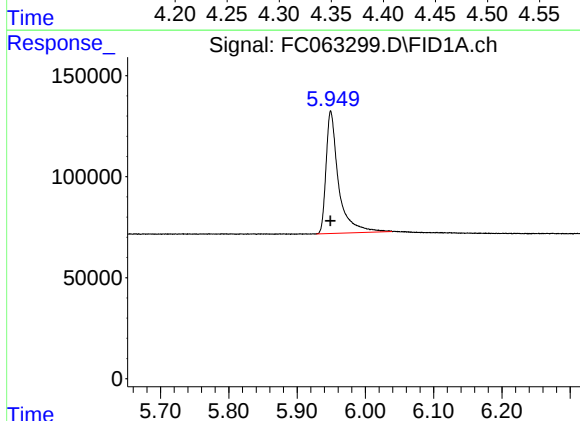
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/05/2023
Supervised By :Ankita Jodhani 04/05/2023



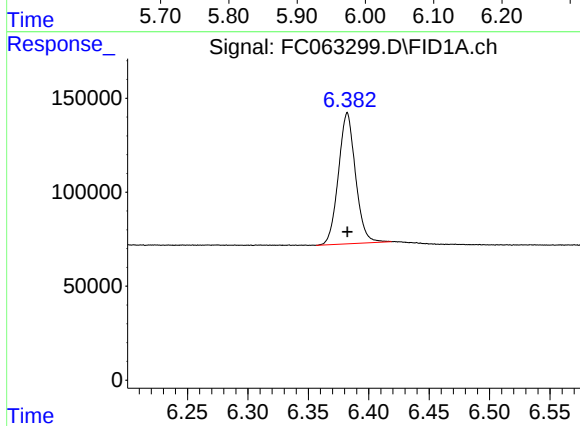
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 703852
Conc: 5.17 ug/ml



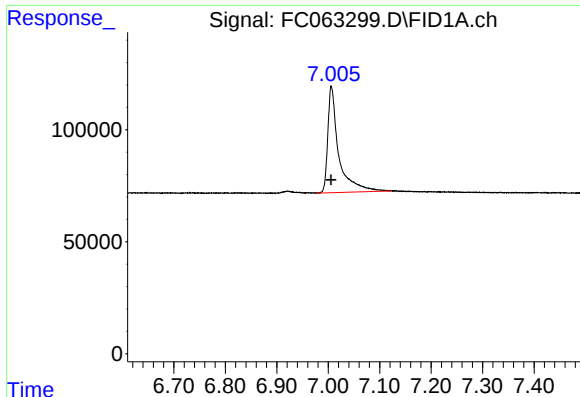
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 773052
Conc: 5.11 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 685946
Conc: 5.10 ug/ml



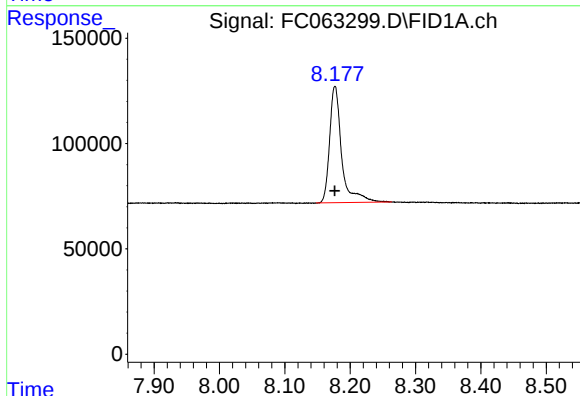
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 703769
Conc: 5.05 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

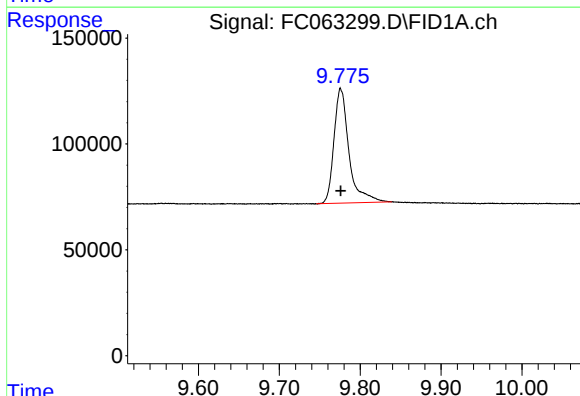
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/05/2023
Supervised By :Ankita Jodhani 04/05/2023



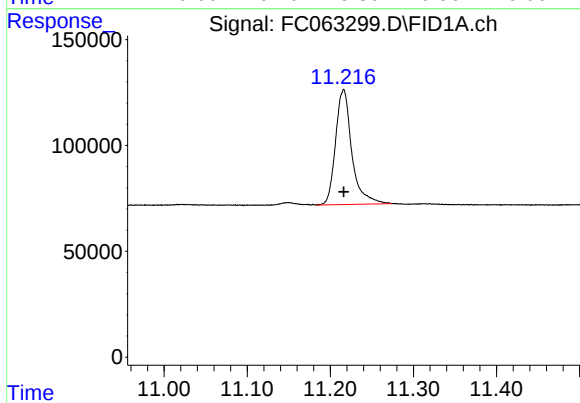
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 711107
Conc: 5.25 ug/ml m



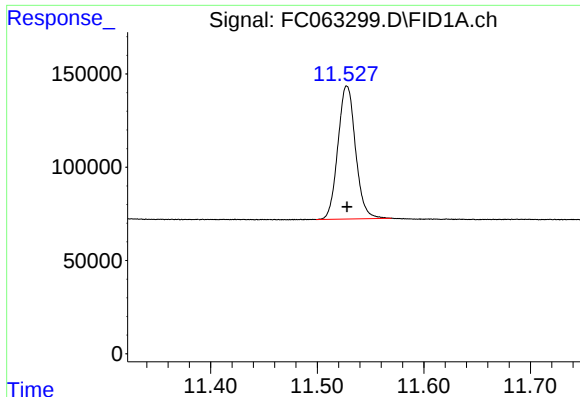
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 697781
Conc: 5.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 738438
Conc: 5.33 ug/ml



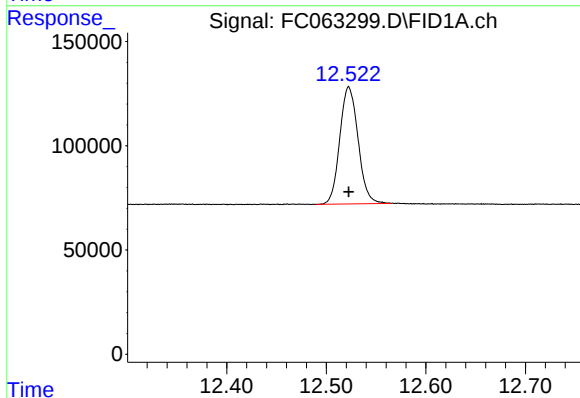
#9 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: 0.000 min
Response: 817993
Conc: 5.38 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

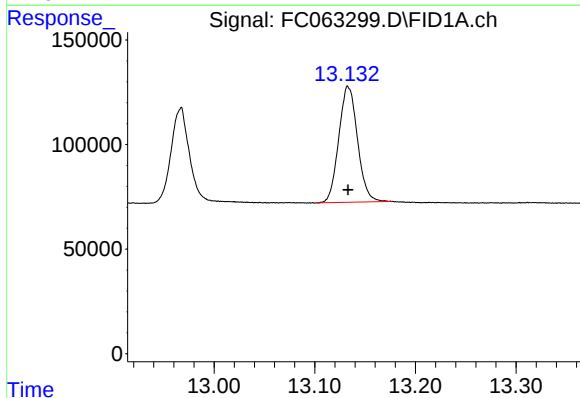
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/05/2023
Supervised By :Ankita Jodhani 04/05/2023



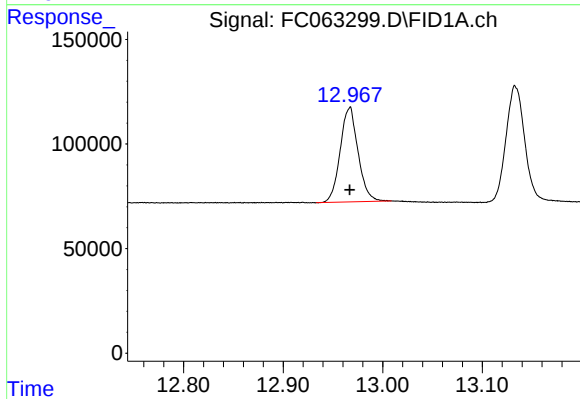
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 718428
Conc: 5.35 ug/ml



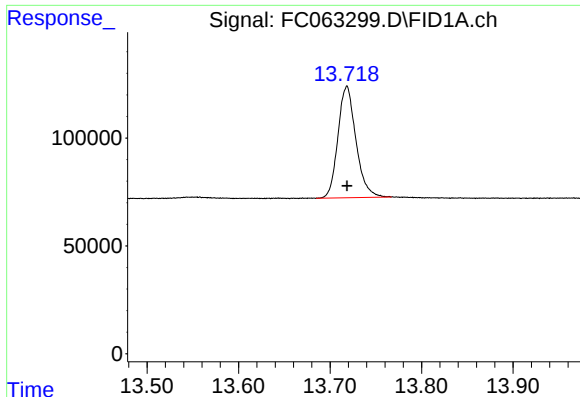
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 717988
Conc: 5.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 564160
Conc: 5.10 ug/ml



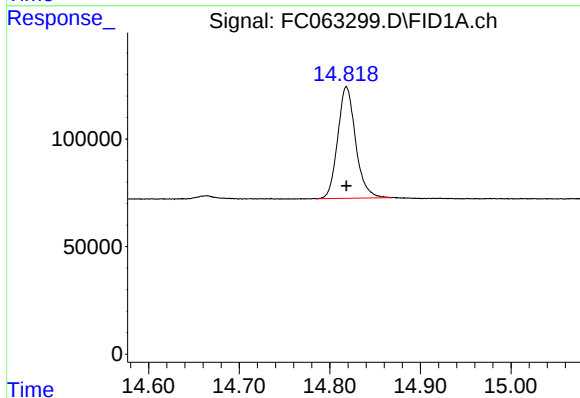
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: 0.000 min
Response: 707589
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

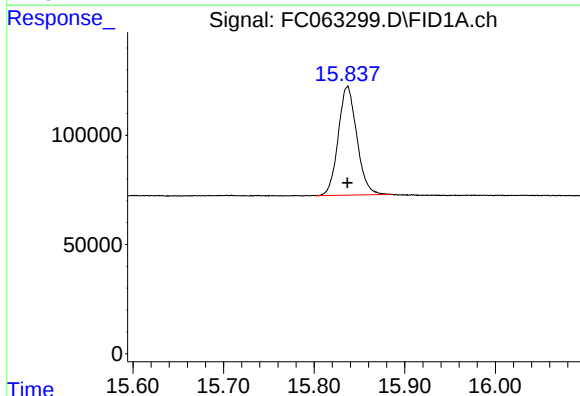
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/05/2023
Supervised By :Ankita Jodhani 04/05/2023



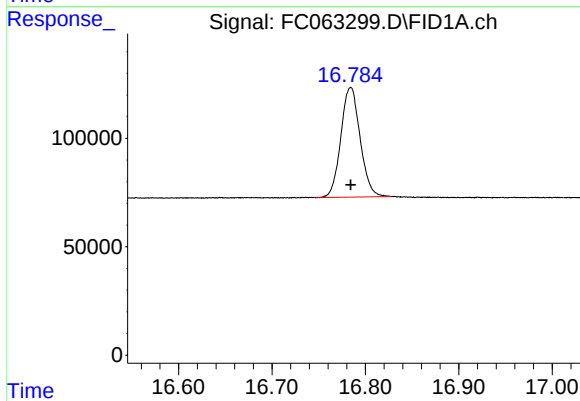
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 710618
Conc: 5.29 ug/ml



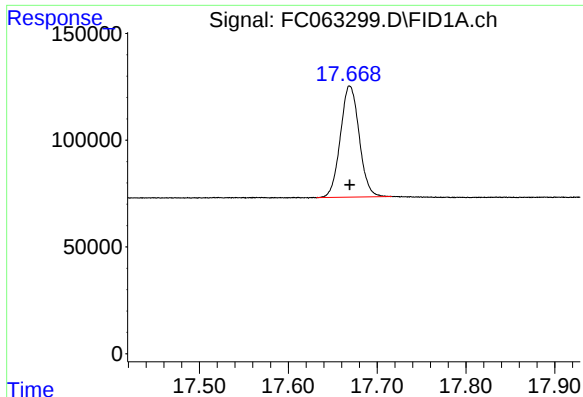
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.000 min
Response: 709764
Conc: 5.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: 0.000 min
Response: 727119
Conc: 5.37 ug/ml



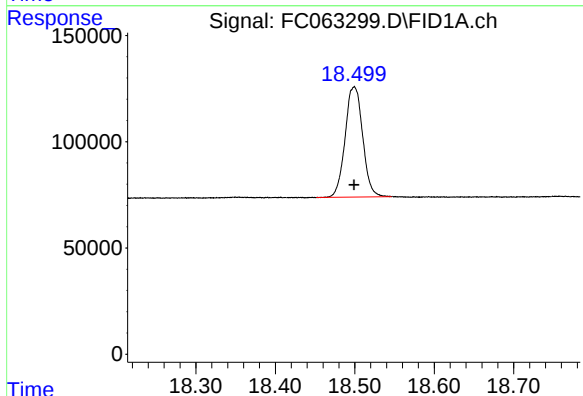
#17 n-Tricontane (C30)

R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 767056
Conc: 5.54 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

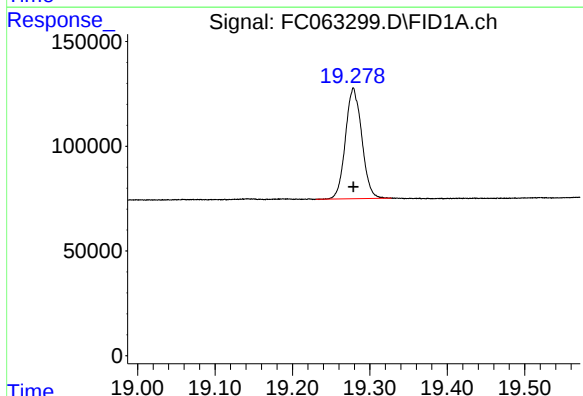
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/05/2023
Supervised By :Ankita Jodhani 04/05/2023



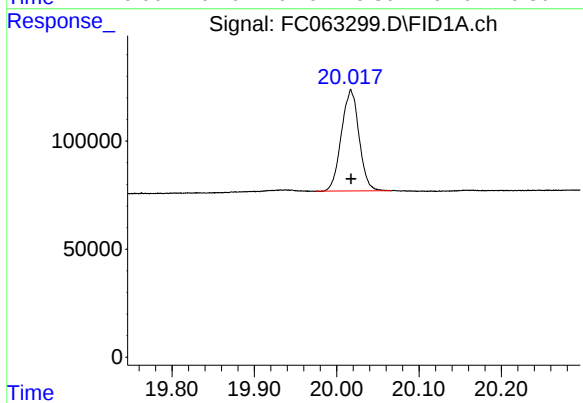
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 794872
Conc: 5.63 ug/ml



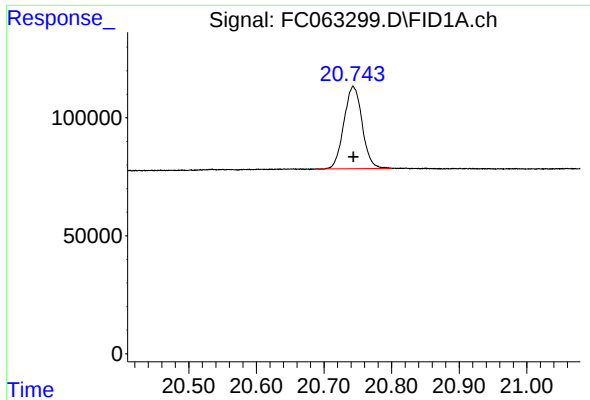
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.000 min
Response: 773070
Conc: 5.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: 0.000 min
Response: 696980
Conc: 5.45 ug/ml



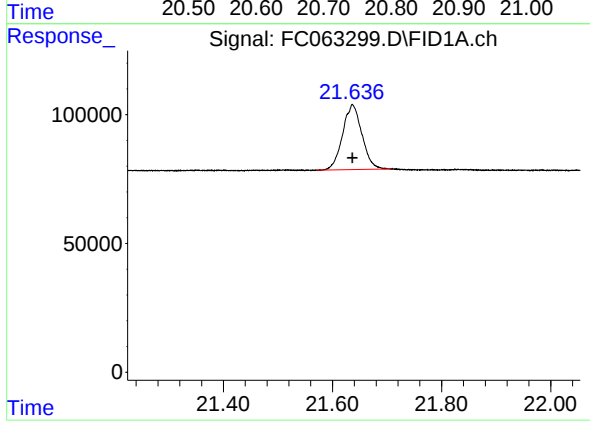
#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.000 min
Response: 654001
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/05/2023
Supervised By :Ankita Jodhani 04/05/2023



#22 n-Tetracontane (C40)

R.T.: 21.637 min
Delta R.T.: 0.000 min
Response: 618347
Conc: 5.25 ug/ml

rteres

Instrument :
FID_C

LabSampleId :
5 PPM ALIPHATIC HC STD5

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/05/2023
Supervised By :Ankita Jodhani 04/05/2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523
Data File : FC063299.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 06:42
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.297	3.274	3.336	BB	82319	738076	90.23%	4.772%
2	4.364	4.336	4.408	BB	72495	703852	86.05%	4.551%
3	5.949	5.926	6.006	BB	60112	719719	87.99%	4.653%
4	6.382	6.356	6.419	BB	69834	685946	83.86%	4.435%
5	7.006	6.973	7.067	BB	46422	604737	73.93%	3.910%
6	8.177	8.147	8.214	BB	53603	600092	73.36%	3.880%
7	9.776	9.746	9.839	BB	53691	697781	85.30%	4.512%
8	11.216	11.183	11.274	BB	54529	738438	90.27%	4.774%
9	11.528	11.499	11.570	BB	71196	817993	100.00%	5.289%
10	12.523	12.490	12.566	BB	56336	718428	87.83%	4.645%
11	12.967	12.933	13.009	BB	45330	564160	68.97%	3.648%
12	13.133	13.101	13.176	BB	55370	717988	87.77%	4.642%
13	13.718	13.685	13.767	BB	51833	707589	86.50%	4.575%
14	14.818	14.785	14.868	BB	51916	710618	86.87%	4.595%
15	15.837	15.802	15.886	BB	49598	709764	86.77%	4.589%
16	16.784	16.747	16.828	BB	50641	727119	88.89%	4.701%
17	17.669	17.631	17.716	BB	52067	767056	93.77%	4.959%
18	18.499	18.451	18.546	BB	52120	794872	97.17%	5.139%
19	19.279	19.231	19.328	BB	52970	773070	94.51%	4.998%
20	20.017	19.975	20.067	BB	46808	696980	85.21%	4.506%
21	20.743	20.688	20.800	BB	34975	654001	79.95%	4.228%
22	21.637	21.570	21.708	BB	25255	618347	75.59%	3.998%
Sum of corrected areas:						15466624		

Aliphatic EPH 040523.M Wed Apr 05 10:14:26 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063300.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 07:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 05 07:49:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.529	2754346	18.103 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
12) S 1-chlorooctadecane (S...	12.966	2003135	18.104 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
Target Compounds			
1) T n-Nonane (C9)	3.296	2629431	18.729 ug/ml
2) T n-Decane (C10)	4.363	2481642	18.211 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2723014	18.033 ug/ml
4) T n-Dodecane (C12)	6.382	2452835	18.233 ug/ml
5) T A~2-methylnaphthalene...	7.003	2518363	18.081 ug/ml
6) T n-Tetradecane (C14)	8.176	2475104	18.283 ug/ml
7) T n-Hexadecane (C16)	9.776	2477055	18.241 ug/ml
8) T n-Octadecane (C18)	11.215	2499234	18.043 ug/ml
10) T n-Eicosane (C20)	12.523	2425734	18.055 ug/ml
11) T n-Heneicosane (C21)	13.135	2431268	18.065 ug/ml
13) T n-Docosane (C22)	13.719	2400743	18.003 ug/ml
14) T n-Tetracosane (C24)	14.818	2403816	17.878 ug/ml
15) T n-Hexacosane (C26)	15.838	2389119	17.849 ug/ml
16) T n-Octacosane (C28)	16.785	2392835	17.672 ug/ml
17) T n-Tricontane (C30)	17.669	2411413	17.432 ug/ml
18) T n-Dotriacontane (C32)	18.499	2453927	17.382 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2448471	17.742 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2347459	18.366 ug/ml
21) T n-Octatriacontane (C38)	20.742	2268347	18.422 ug/ml
22) T n-Tetracontane (C40)	21.637	2048305	17.406 ug/ml

(f)=RT Delta > 1/2 Window

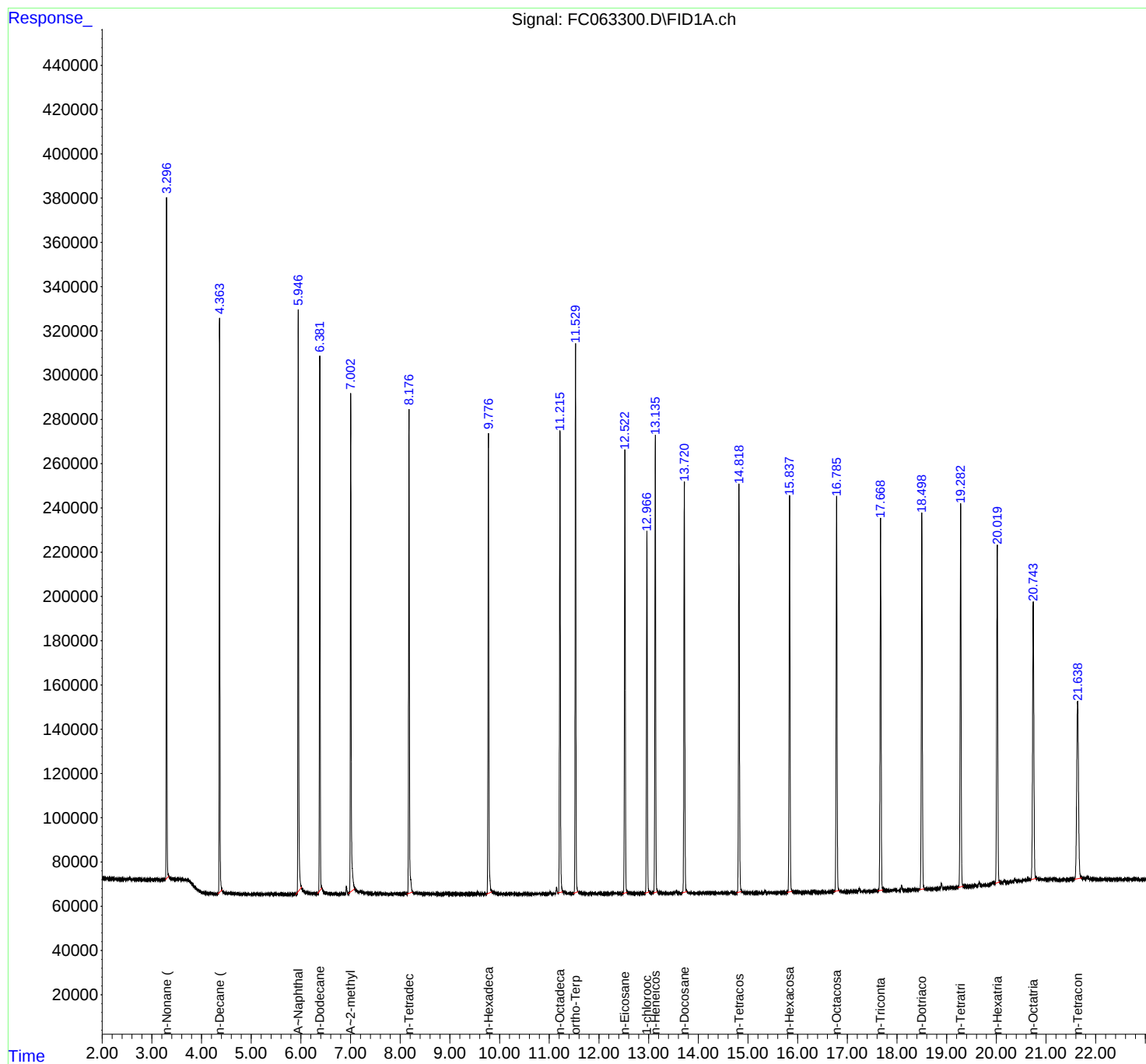
(m)=manual int.

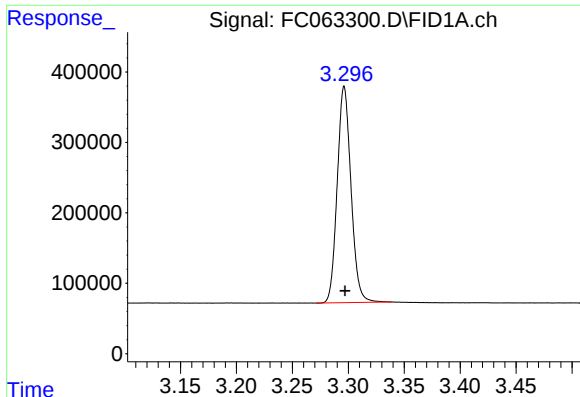
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
Data File : FC063300.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 07:22
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Apr 05 07:49:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Quant Title : GC Extractables
QLast Update : Wed Apr 05 07:22:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

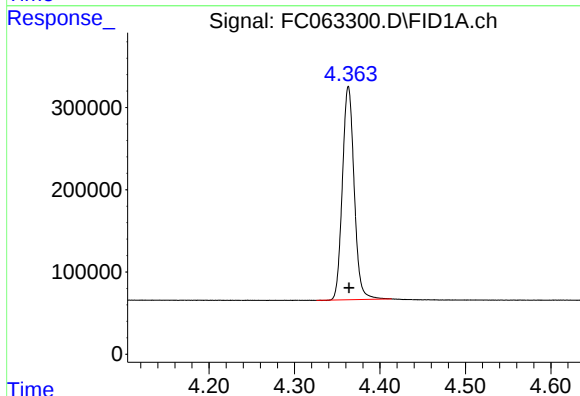
R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 2629431
Conc: 18.73 ug/ml

Instrument :

FID_C

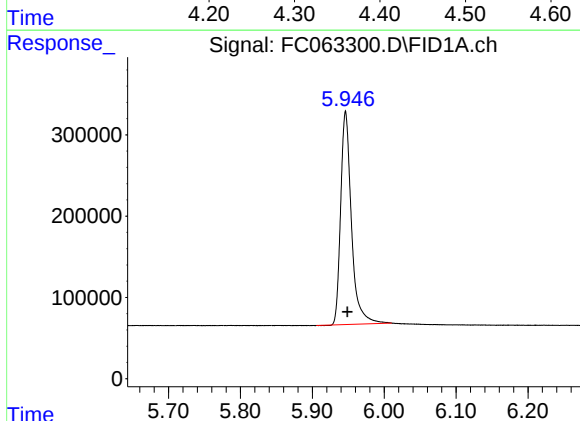
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



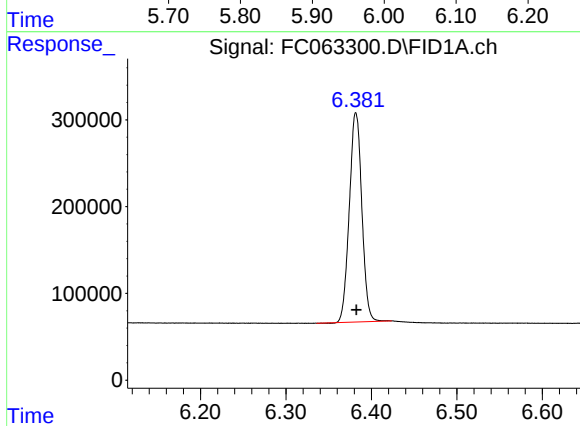
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 2481642
Conc: 18.21 ug/ml



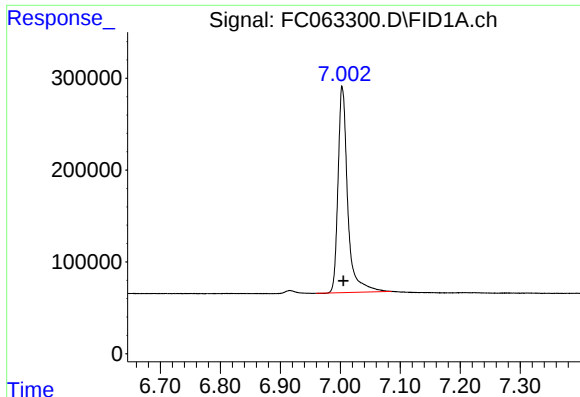
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 2723014
Conc: 18.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2452835
Conc: 18.23 ug/ml



#5 A~2-methylnaphthalene (C12.89)

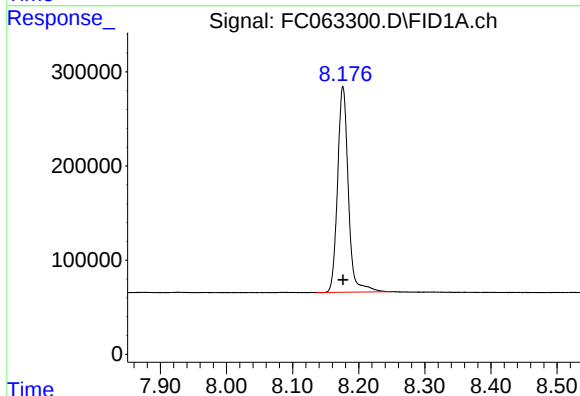
R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 2518363
Conc: 18.08 ug/ml

Instrument :

FID_C

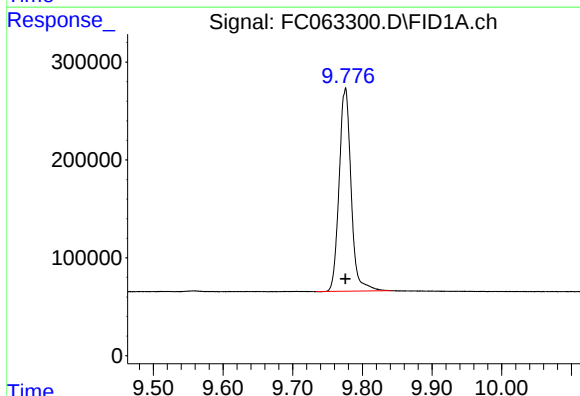
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



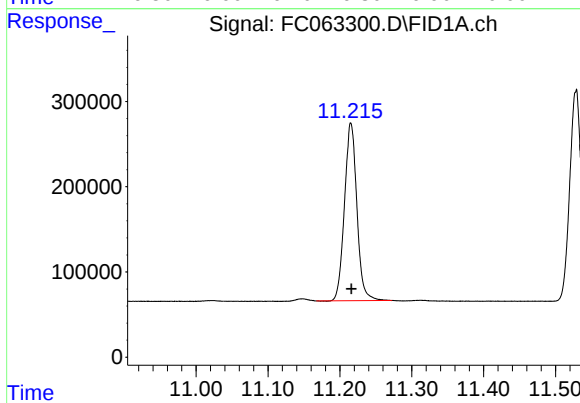
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2475104
Conc: 18.28 ug/ml



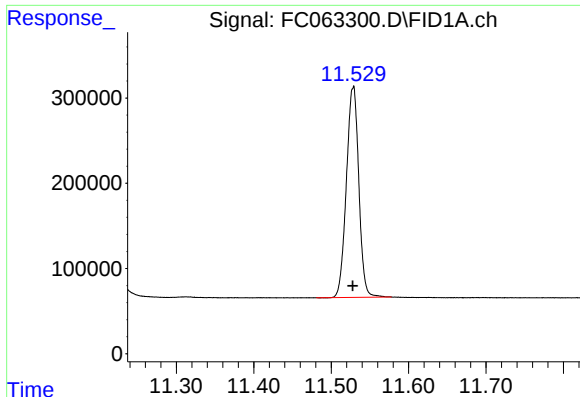
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 2477055
Conc: 18.24 ug/ml



#8 n-Octadecane (C18)

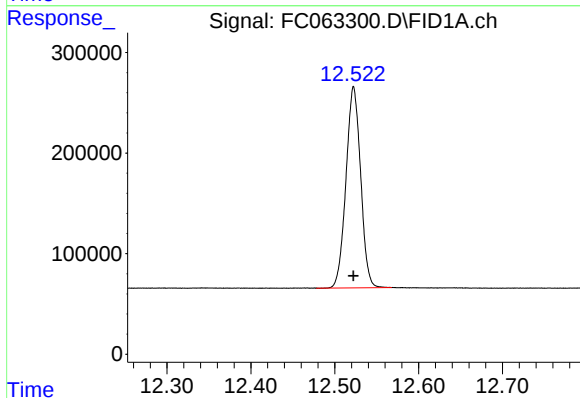
R.T.: 11.215 min
Delta R.T.: 0.000 min
Response: 2499234
Conc: 18.04 ug/ml



#9 ortho-Terphenyl (SURR)

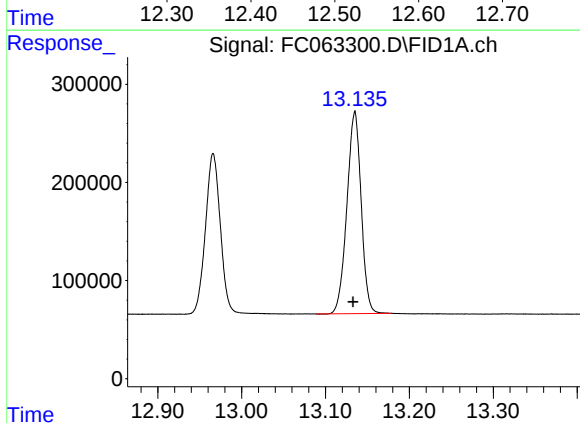
R.T.: 11.529 min
Delta R.T.: 0.000 min
Response: 2754346
Conc: 18.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



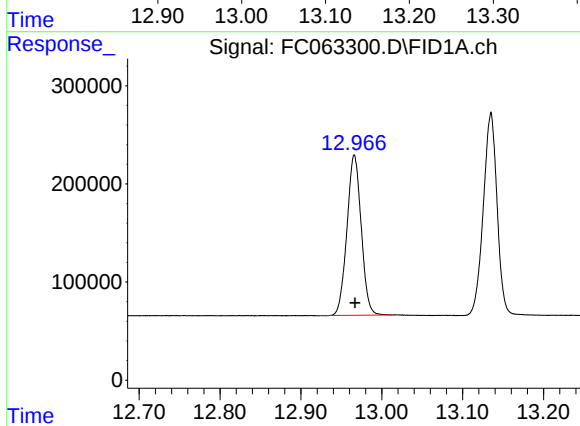
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 2425734
Conc: 18.06 ug/ml



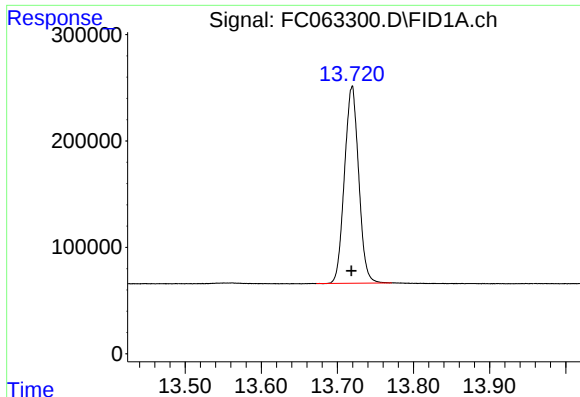
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.002 min
Response: 2431268
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

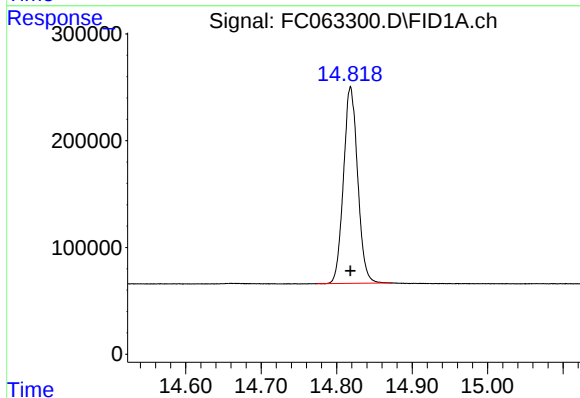
R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 2003135
Conc: 18.10 ug/ml



#13 n-Docosane (C22)

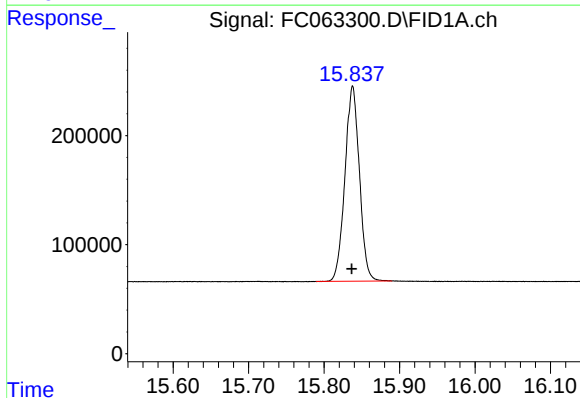
R.T.: 13.719 min
Delta R.T.: 0.000 min
Response: 2400743
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



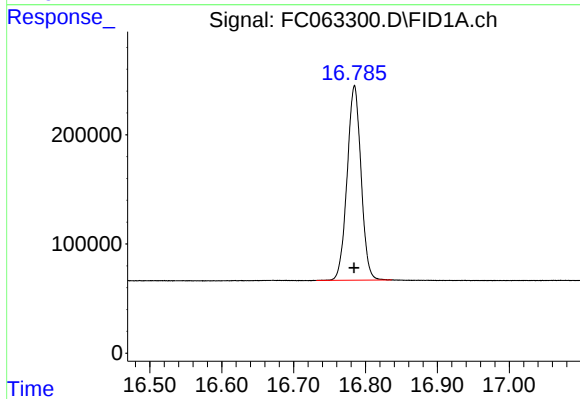
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 2403816
Conc: 17.88 ug/ml



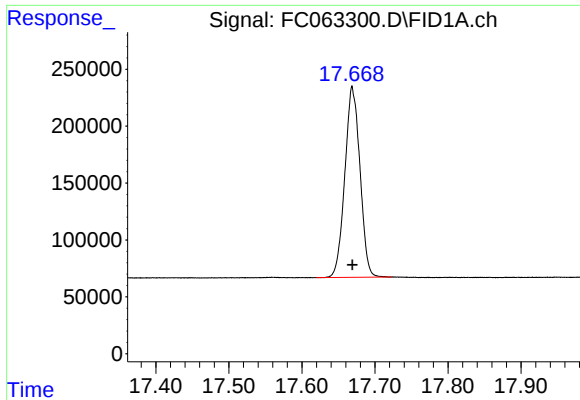
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.001 min
Response: 2389119
Conc: 17.85 ug/ml



#16 n-Octacosane (C28)

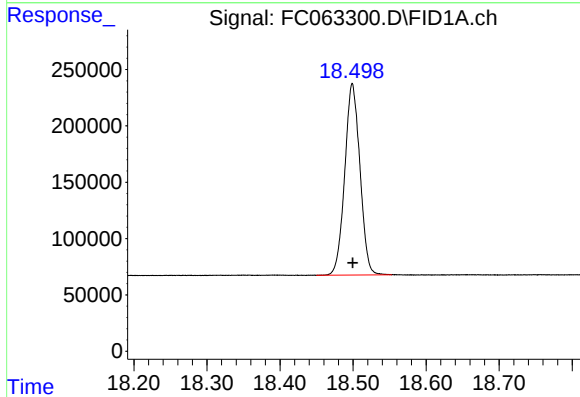
R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 2392835
Conc: 17.67 ug/ml



#17 n-Tricontane (C30)

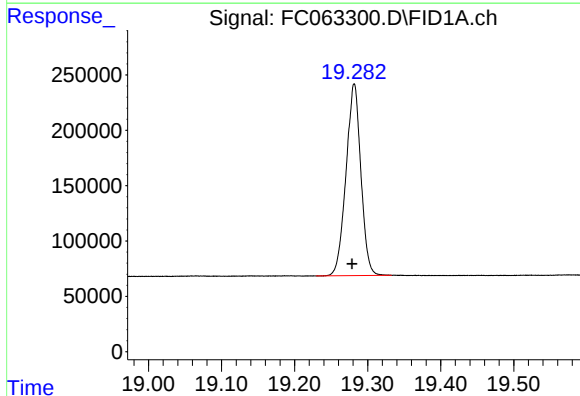
R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 2411413
Conc: 17.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



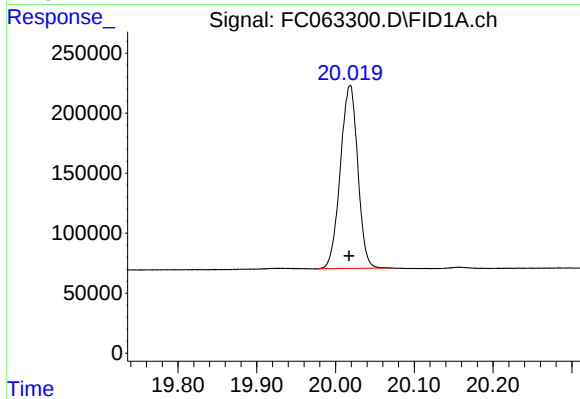
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 2453927
Conc: 17.38 ug/ml



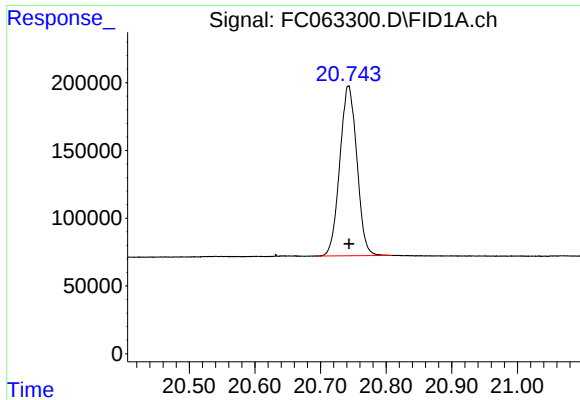
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.003 min
Response: 2448471
Conc: 17.74 ug/ml



#20 n-Hexatriacontane (C36)

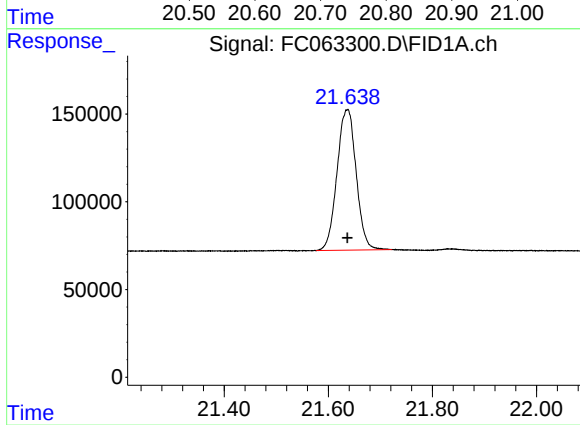
R.T.: 20.019 min
Delta R.T.: 0.001 min
Response: 2347459
Conc: 18.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.000 min
Response: 2268347
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.637 min
Delta R.T.: 0.000 min
Response: 2048305
Conc: 17.41 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063300.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 07:22
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.296	3.271	3.339	BB	307576	2629431	95.46%	4.921%
2	4.363	4.325	4.414	BB	259467	2481642	90.10%	4.644%
3	5.946	5.906	6.011	BB	262751	2723014	98.86%	5.096%
4	6.382	6.336	6.424	BB	241157	2452835	89.05%	4.590%
5	7.003	6.960	7.086	BB	224279	2518363	91.43%	4.713%
6	8.176	8.136	8.250	BB	218702	2475104	89.86%	4.632%
7	9.776	9.734	9.842	BB	206917	2477055	89.93%	4.636%
8	11.215	11.167	11.272	BB	208420	2499234	90.74%	4.677%
9	11.529	11.481	11.578	BB	246889	2754346	100.00%	5.155%
10	12.523	12.478	12.568	BB	200355	2425734	88.07%	4.540%
11	12.966	12.919	13.012	BB	163516	2003135	72.73%	3.749%
12	13.135	13.089	13.179	BB	205810	2431268	88.27%	4.550%
13	13.719	13.672	13.771	BB	185575	2400743	87.16%	4.493%
14	14.818	14.773	14.873	BB	184304	2403816	87.27%	4.499%
15	15.838	15.790	15.890	BB	179037	2389119	86.74%	4.471%
16	16.785	16.731	16.836	BB	178315	2392835	86.87%	4.478%
17	17.669	17.620	17.723	BB	167850	2411413	87.55%	4.513%
18	18.499	18.450	18.553	BB	170064	2453927	89.09%	4.592%
19	19.282	19.230	19.333	BB	173199	2448471	88.89%	4.582%
20	20.019	19.976	20.071	BB	152526	2347459	85.23%	4.393%
21	20.742	20.693	20.808	BB	125359	2268347	82.36%	4.245%
22	21.637	21.577	21.722	BB	80007	2048305	74.37%	3.833%
Sum of corrected areas:						53435595		

Aliphatic EPH 040523.M Wed Apr 05 10:14:43 2023

Initial Calibration Report for SequenceID : FE042123AL

AreaCount

Parameter Range	FE041456.D	FE041457.D	FE041458.D	FE041459.D	FE041460.D	
Aliphatic C9-C12	42177594.000	21800625.000	8883436.000	4638016.000	2396668.000	
Aliphatic C12-C16	29315831.000	15132649.000	6171861.000	3215801.000	1657279.000	
Aliphatic C16-C21	45386948.000	23475266.000	9569583.000	5006491.000	2590692.000	
Aliphatic C21-C28	59453819.000	30813645.000	12470431.000	6540310.000	3371167.000	
Aliphatic C28-C40	77313347.000	40794315.000	16431276.000	8726840.000	4449520.000	
Aliphatic EPH	253647539.000	132016500.000	53526587.000	28127458.000	14465326.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	149673.029333	5.069				
Aliphatic C12-C16	155744.024	4.877				
Aliphatic C16-C21	161376.0966664	5.257				
Aliphatic C21-C28	158129.852	4.993				
Aliphatic C28-C40	139105.7189998	5.622				
Aliphatic EPH	150654.9526662	5.22				

Concentration

Parameter Range	FE041456.D	FE041457.D	FE041458.D	FE041459.D	FE041460.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE041456.D	FE041457.D	FE041458.D	FE041459.D	FE041460.D	
Aliphatic C9-C12	140591.980000	145337.500000	148057.266666	154600.533333	159777.866666	
Aliphatic C12-C16	146579.155000	151326.490000	154296.525000	160790.050000	165727.900000	
Aliphatic C16-C21	151289.826666	156501.773333	159493.050000	166883.033333	172712.800000	
Aliphatic C21-C28	148634.547500	154068.225000	155880.387500	163507.750000	168558.350000	
Aliphatic C28-C40	128855.578333	135981.050000	136927.300000	145447.333333	148317.333333	



284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Initial Calibration Report for SequenceID : FE042123AL

Aliphatic EPH	140915.299444	146685.000000	148684.963888	156263.655555	160725.844444	
---------------	---------------	---------------	---------------	---------------	---------------	--

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041456.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 17:54
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 21 04:25:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.983	17522222	97.221 ug/ml
Spiked Amount 50.000		Recovery =	194.44%
12) S 1-chlorooctadecane (S...	13.416	13294179	97.591 ug/ml
Spiked Amount 50.000		Recovery =	195.18%
Target Compounds			
1) T n-Nonane (C9)	3.359	13796162	97.410 ug/ml
2) T n-Decane (C10)	4.610	14086350	97.418 ug/ml
3) T A~Naphthalene (C11.7)	6.314	15539600	97.399 ug/ml
4) T n-Dodecane (C12)	6.780	14295082	97.413 ug/ml
5) T A~2-methylnaphthalene...	7.412	15159473	97.418 ug/ml
6) T n-Tetradecane (C14)	8.609	14335388	97.532 ug/ml
7) T n-Hexadecane (C16)	10.218	14980443	97.342 ug/ml
8) T n-Octadecane (C18)	11.663	15373605	97.334 ug/ml
10) T n-Eicosane (C20)	12.972	15064070	97.343 ug/ml
11) T n-Heneicosane (C21)	13.584	14949273	97.406 ug/ml
13) T n-Docosane (C22)	14.171	14993780	97.558 ug/ml
14) T n-Tetracosane (C24)	15.274	15101151	97.476 ug/ml
15) T n-Hexacosane (C26)	16.295	14892058	97.748 ug/ml
16) T n-Octacosane (C28)	17.244	14466830	97.705 ug/ml
17) T n-Tricontane (C30)	18.131	14315563	97.789 ug/ml
18) T n-Dotriacontane (C32)	18.962	13774797	96.583 ug/ml
19) T n-Tetratriacontane (C34)	19.744	13129479	97.048 ug/ml
20) T n-Hexatriacontane (C36)	20.483	12430765	97.026 ug/ml
21) T n-Octatriacontane (C38)	21.234	12004166	96.435 ug/ml
22) T n-Tetracontane (C40)	22.172	11658577	96.792 ug/ml

(f)=RT Delta > 1/2 Window

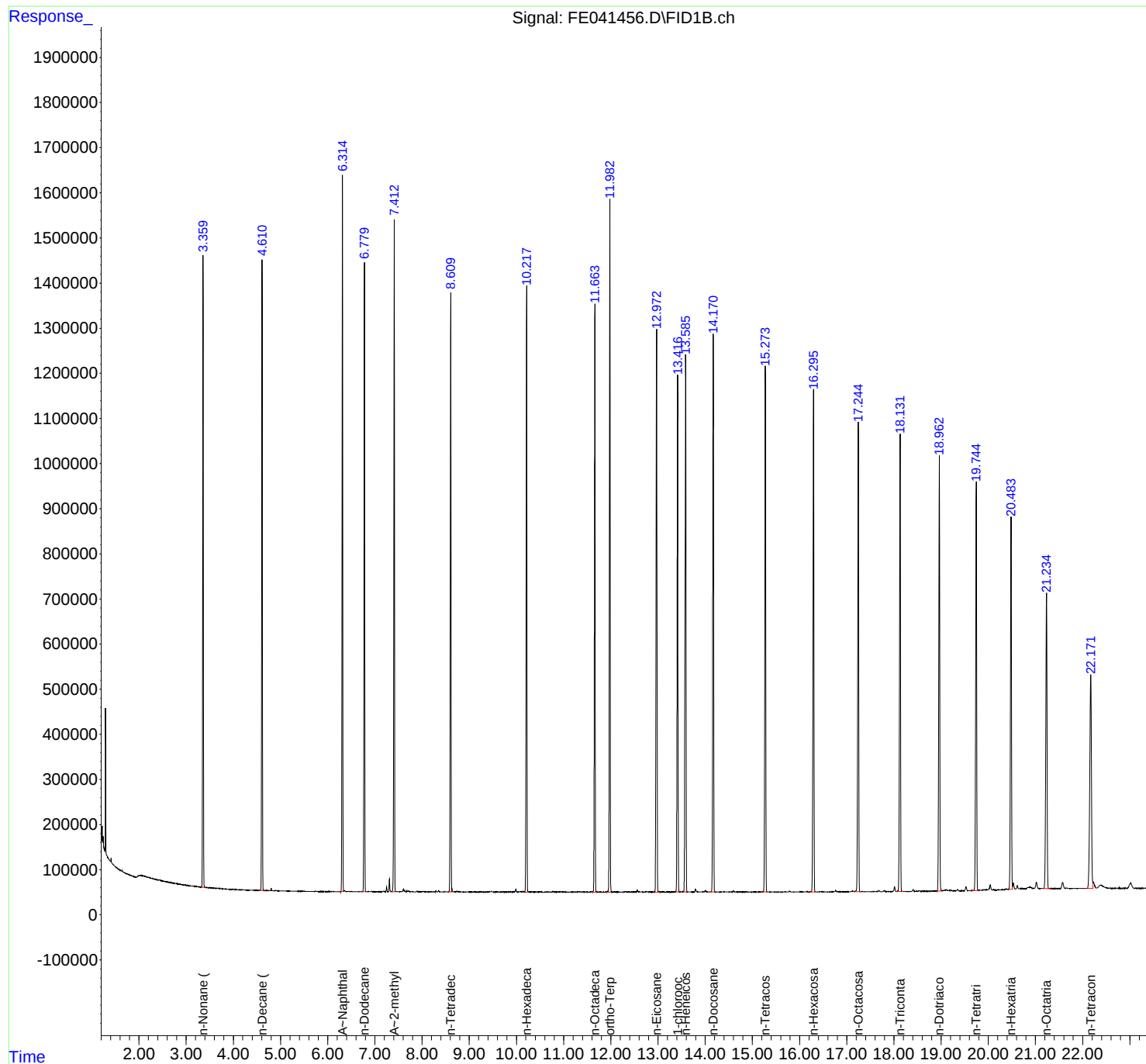
(m)=manual int.

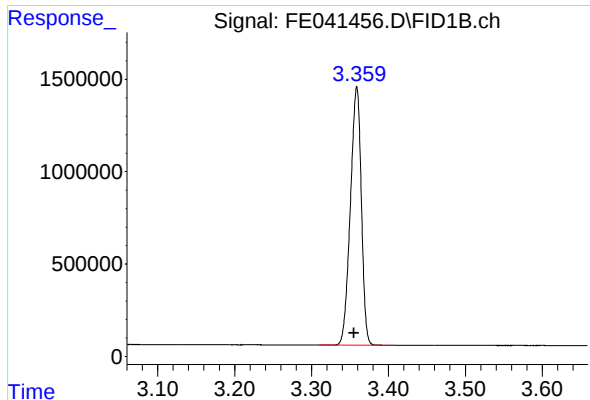
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
Data File : FE041456.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 17:54
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Apr 21 04:25:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 04:18:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

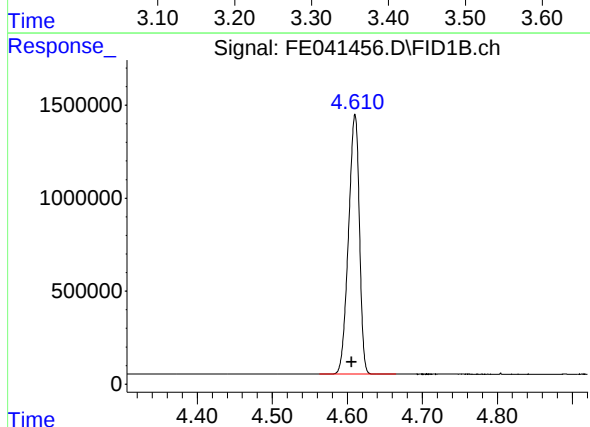




#1 n-Nonane (C9)

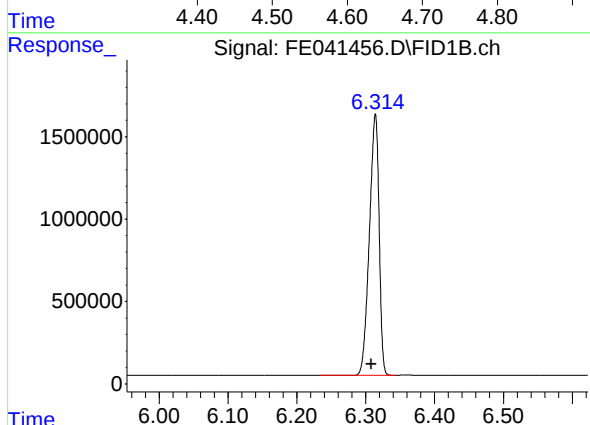
R.T.: 3.359 min
Delta R.T.: 0.004 min
Response: 13796162
Conc: 97.41 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



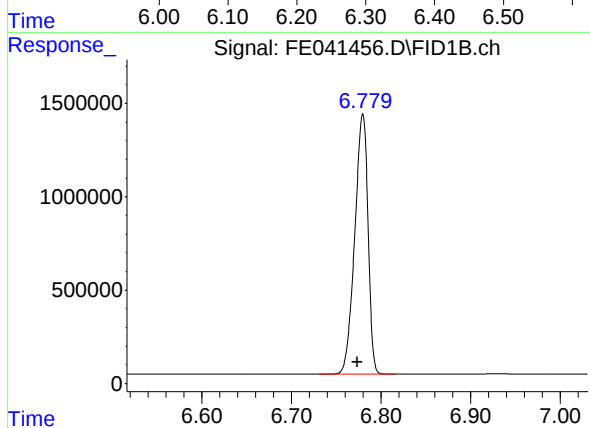
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.005 min
Response: 14086350
Conc: 97.42 ug/ml



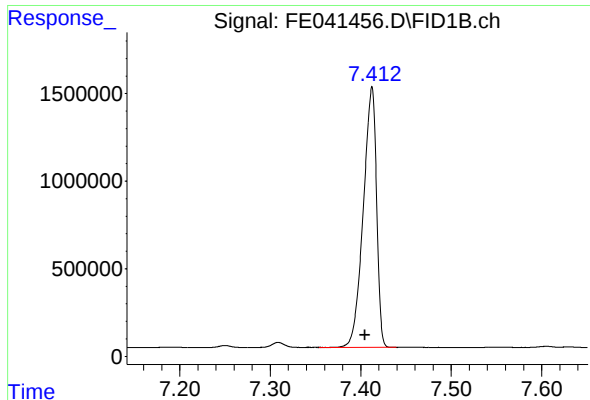
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.006 min
Response: 15539600
Conc: 97.40 ug/ml



#4 n-Dodecane (C12)

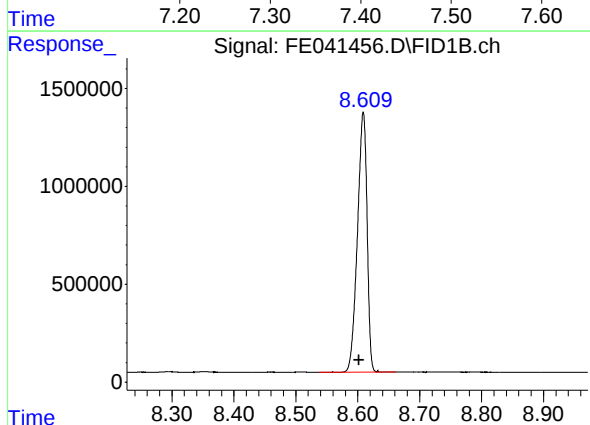
R.T.: 6.780 min
Delta R.T.: 0.006 min
Response: 14295082
Conc: 97.41 ug/ml



#5 A~2-methylnaphthalene (C12.89)

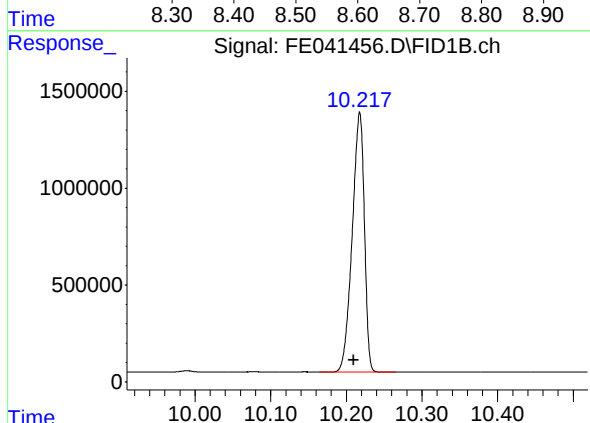
R.T.: 7.412 min
Delta R.T.: 0.008 min
Response: 15159473
Conc: 97.42 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



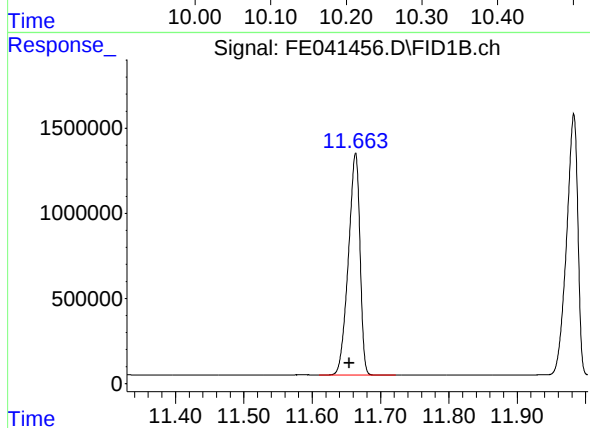
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: 0.007 min
Response: 14335388
Conc: 97.53 ug/ml



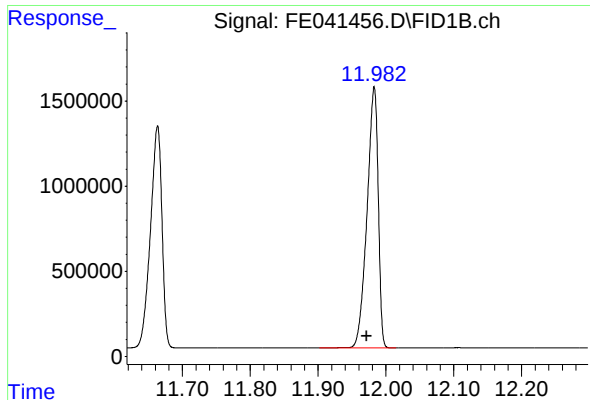
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.008 min
Response: 14980443
Conc: 97.34 ug/ml



#8 n-Octadecane (C18)

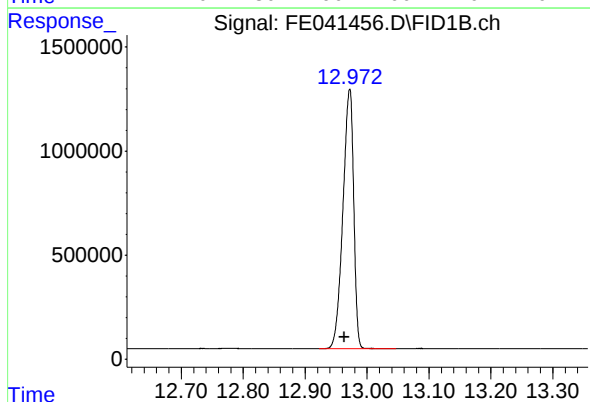
R.T.: 11.663 min
Delta R.T.: 0.010 min
Response: 15373605
Conc: 97.33 ug/ml



#9 ortho-Terphenyl (SURR)

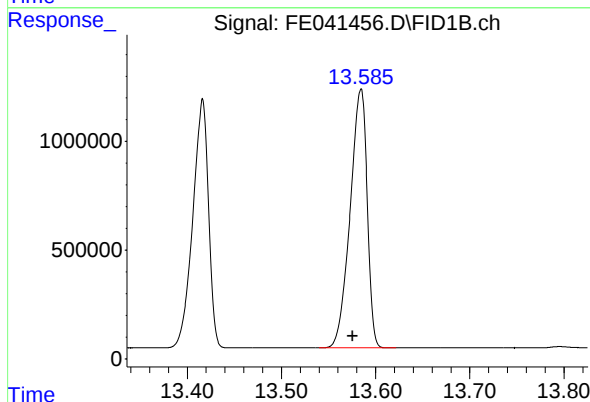
R.T.: 11.983 min
Delta R.T.: 0.011 min
Response: 17522222
Conc: 97.22 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



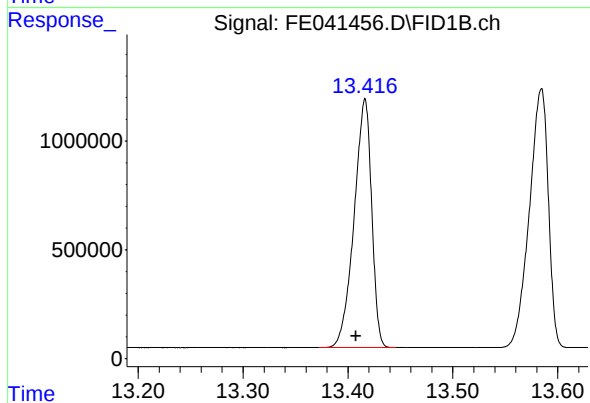
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.008 min
Response: 15064070
Conc: 97.34 ug/ml



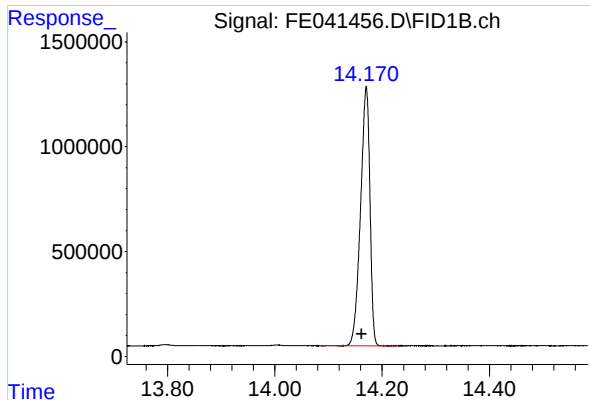
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.009 min
Response: 14949273
Conc: 97.41 ug/ml



#12 1-chlorooctadecane (SURR)

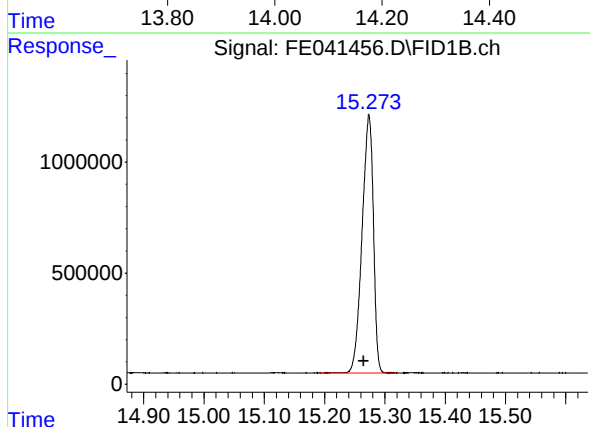
R.T.: 13.416 min
Delta R.T.: 0.009 min
Response: 13294179
Conc: 97.59 ug/ml



#13 n-Docosane (C22)

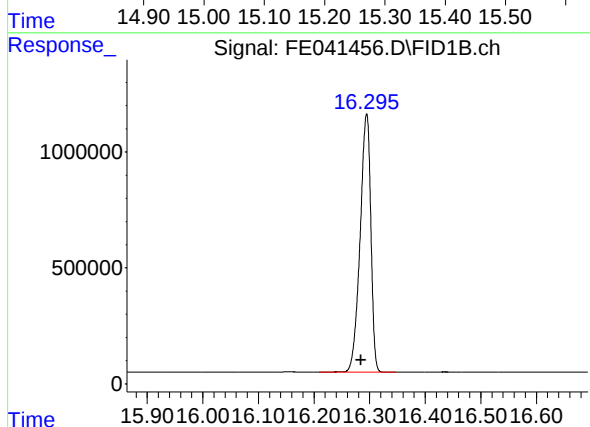
R.T.: 14.171 min
Delta R.T.: 0.009 min
Response: 14993780
Conc: 97.56 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



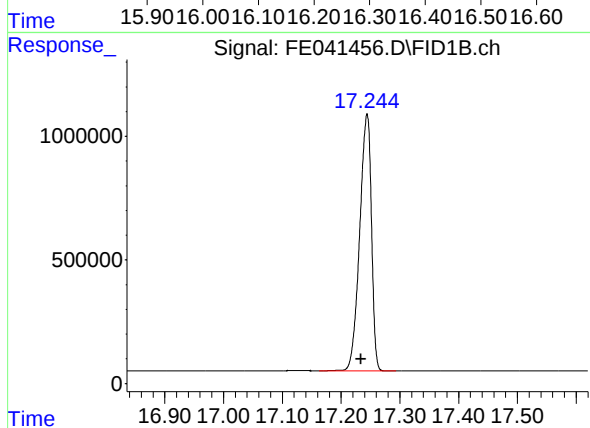
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.009 min
Response: 15101151
Conc: 97.48 ug/ml



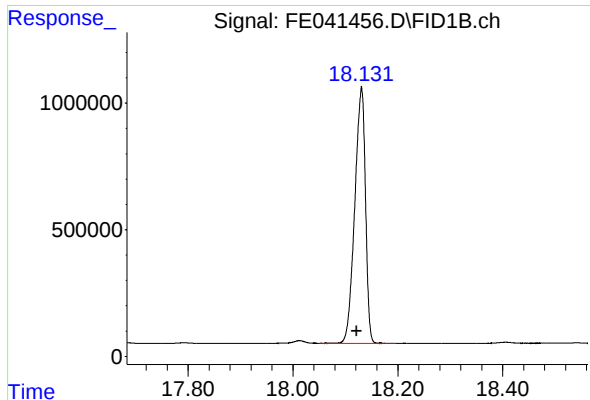
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: 0.010 min
Response: 14892058
Conc: 97.75 ug/ml



#16 n-Octacosane (C28)

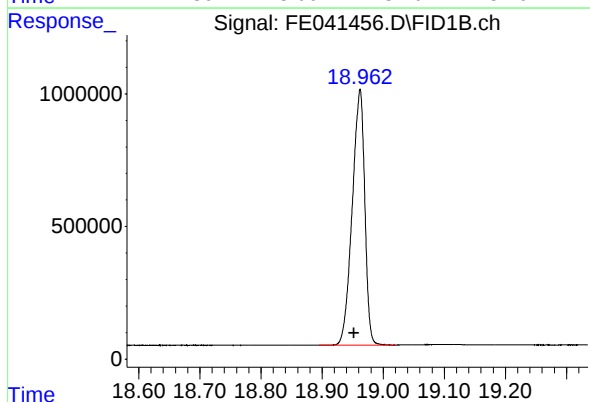
R.T.: 17.244 min
Delta R.T.: 0.010 min
Response: 14466830
Conc: 97.70 ug/ml



#17 n-Tricontane (C30)

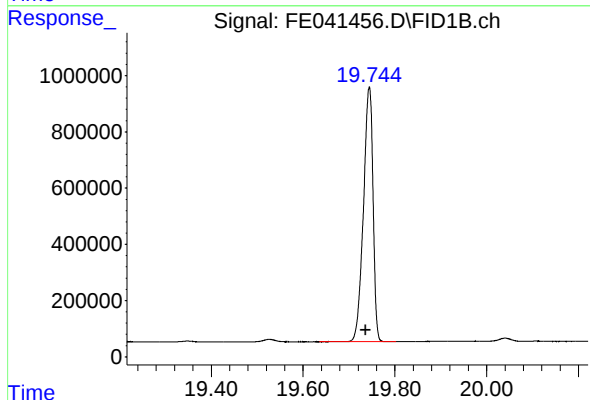
R.T.: 18.131 min
Delta R.T.: 0.009 min
Response: 14315563
Conc: 97.79 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



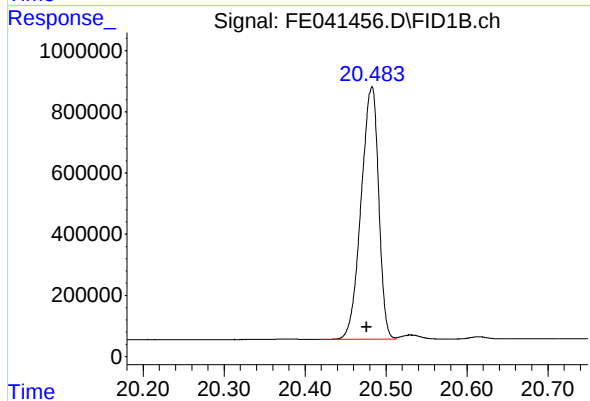
#18 n-Dotriacontane (C32)

R.T.: 18.962 min
Delta R.T.: 0.010 min
Response: 13774797
Conc: 96.58 ug/ml



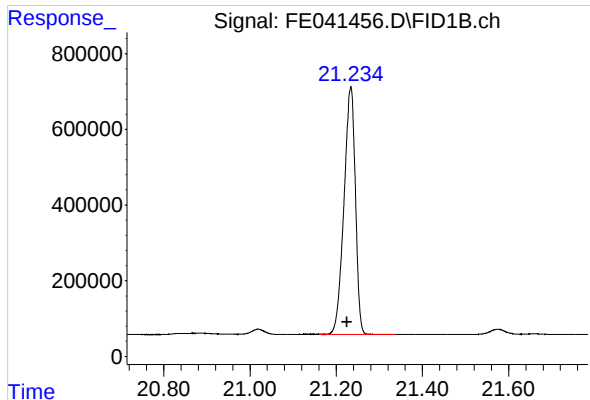
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.008 min
Response: 13129479
Conc: 97.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.007 min
Response: 12430765
Conc: 97.03 ug/ml



#21 n-Octatriacontane (C38)

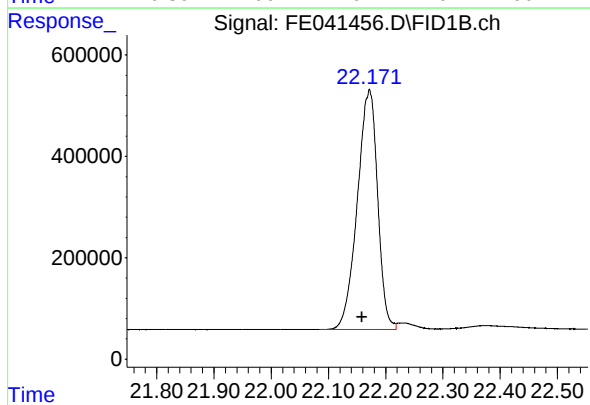
R.T.: 21.234 min
Delta R.T.: 0.009 min
Response: 12004166
Conc: 96.44 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.013 min
Response: 11658577
Conc: 96.79 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041456.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 17:54
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.359	3.310	3.410	BB	1400041	13796162	78.74%	4.377%
2	4.610	4.562	4.665	BB	1397278	14086350	80.39%	4.470%
3	6.314	6.232	6.344	BV	1587250	15539600	88.69%	4.931%
4	6.780	6.731	6.817	BB	1395132	14295082	81.58%	4.536%
5	7.412	7.354	7.439	BV	1488322	15159473	86.52%	4.810%
6	8.609	8.537	8.662	BB	1327572	14335388	81.81%	4.549%
7	10.218	10.164	10.266	PB	1343125	14980443	85.49%	4.753%
8	11.663	11.610	11.722	VB	1302677	15373605	87.74%	4.878%
9	11.983	11.902	12.015	BB	1534969	17522222	100.00%	5.560%
10	12.972	12.922	13.047	BB	1248368	15064070	85.97%	4.780%
11	13.416	13.372	13.446	VV	1146454	13294179	75.87%	4.218%
12	13.584	13.540	13.622	VB	1189433	14949273	85.32%	4.743%
13	14.171	14.082	14.226	BB	1236245	14993780	85.57%	4.757%
14	15.274	15.191	15.318	BB	1161910	15101151	86.18%	4.792%
15	16.295	16.209	16.347	BB	1113970	14892058	84.99%	4.725%
16	17.244	17.162	17.293	VV	1039789	14466830	82.56%	4.590%
17	18.131	18.050	18.197	VB	1013399	14315563	81.70%	4.542%
18	18.962	18.895	19.021	BV	965007	13774797	78.61%	4.371%
19	19.744	19.635	19.802	BB	904258	13129479	74.93%	4.166%
20	20.483	20.417	20.512	BV	825250	12430765	70.94%	3.944%
21	21.234	21.160	21.339	BV	654000	12004166	68.51%	3.809%
22	22.172	22.084	22.218	BV	473830	11658577	66.54%	3.699%
Sum of corrected areas:						315163012		

Aliphatic EPH 042123.M Fri Apr 21 05:12:40 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041457.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 18:24
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 21 04:28:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.977	9065534	50.199 ug/ml
Spiked Amount 50.000		Recovery =	100.40%
12) S 1-chlorooctadecane (S...	13.411	6873187	50.303 ug/ml
Spiked Amount 50.000		Recovery =	100.61%
Target Compounds			
1) T n-Nonane (C9)	3.357	7138139	50.266 ug/ml
2) T n-Decane (C10)	4.608	7280691	50.234 ug/ml
3) T A~Naphthalene (C11.7)	6.310	8028256	50.212 ug/ml
4) T n-Dodecane (C12)	6.776	7381795	50.202 ug/ml
5) T A~2-methylnaphthalene...	7.407	7824284	50.187 ug/ml
6) T n-Tetradecane (C14)	8.606	7394057	50.204 ug/ml
7) T n-Hexadecane (C16)	10.214	7738592	50.190 ug/ml
8) T n-Octadecane (C18)	11.658	7950942	50.226 ug/ml
10) T n-Eicosane (C20)	12.967	7791056	50.230 ug/ml
11) T n-Heneicosane (C21)	13.579	7733268	50.258 ug/ml
13) T n-Docosane (C22)	14.165	7754817	50.304 ug/ml
14) T n-Tetracosane (C24)	15.268	7829468	50.358 ug/ml
15) T n-Hexacosane (C26)	16.289	7717335	50.435 ug/ml
16) T n-Octacosane (C28)	17.238	7512025	50.487 ug/ml
17) T n-Tricontane (C30)	18.126	7456712	50.620 ug/ml
18) T n-Dotriacontane (C32)	18.957	7352234	51.023 ug/ml
19) T n-Tetratriacontane (C34)	19.738	6896010	50.644 ug/ml
20) T n-Hexatriacontane (C36)	20.477	6556220	50.776 ug/ml
21) T n-Octatriacontane (C38)	21.227	6337565	50.605 ug/ml
22) T n-Tetracontane (C40)	22.162	6195574	50.949 ug/ml

(f)=RT Delta > 1/2 Window

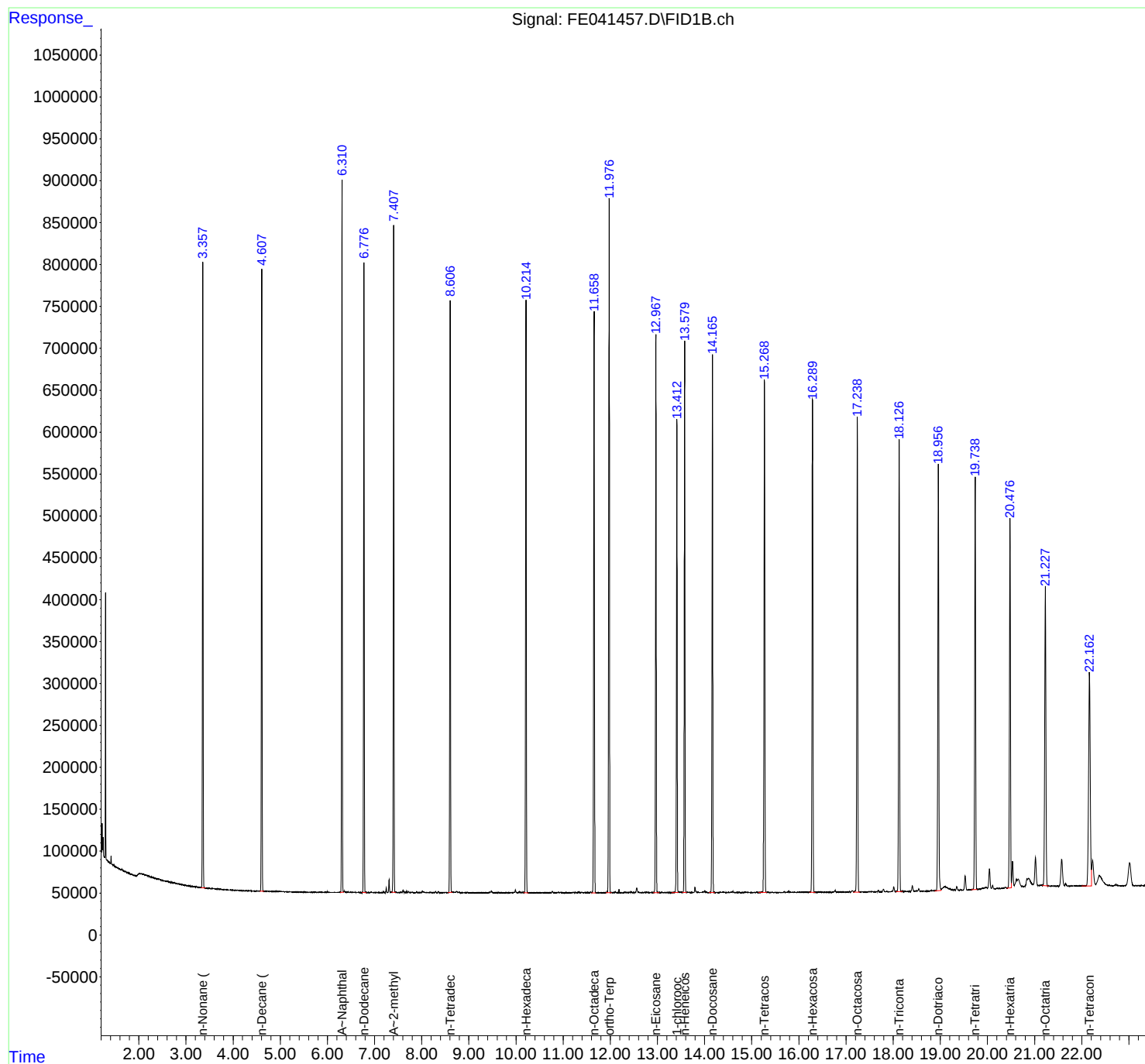
(m)=manual int.

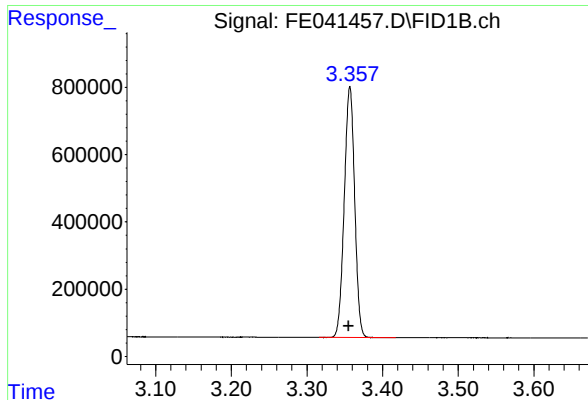
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
Data File : FE041457.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 18:24
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Apr 21 04:28:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 04:18:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

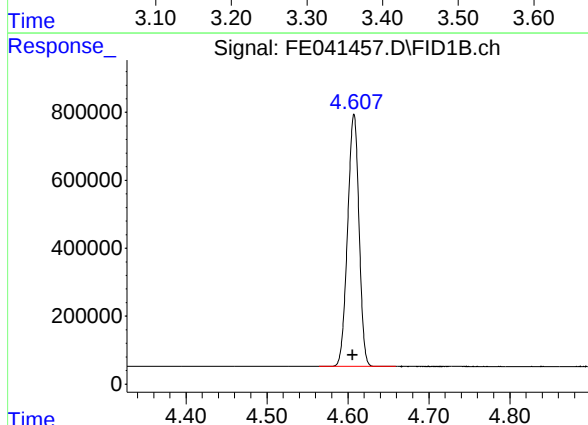




#1 n-Nonane (C9)

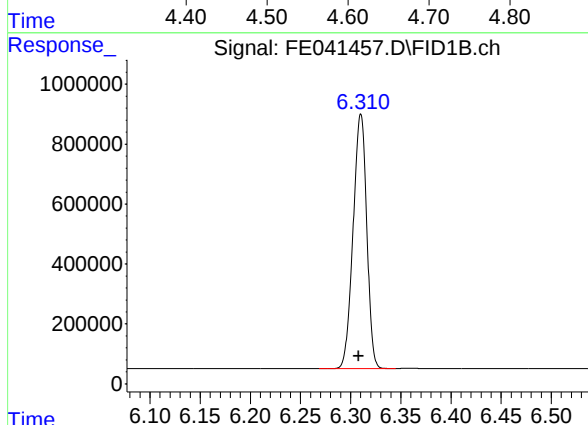
R.T.: 3.357 min
Delta R.T.: 0.002 min
Response: 7138139
Conc: 50.27 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



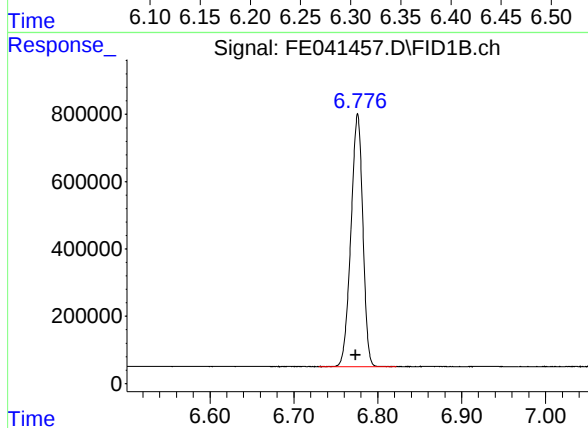
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.002 min
Response: 7280691
Conc: 50.23 ug/ml



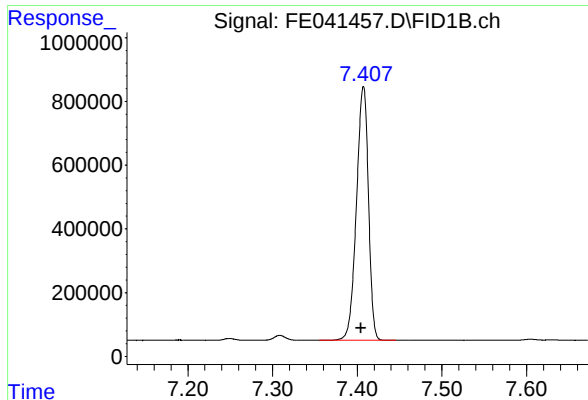
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.002 min
Response: 8028256
Conc: 50.21 ug/ml



#4 n-Dodecane (C12)

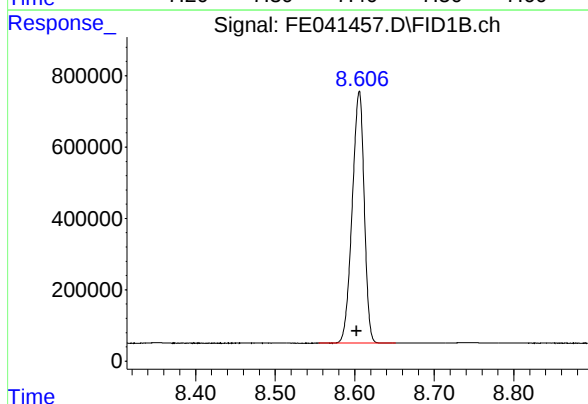
R.T.: 6.776 min
Delta R.T.: 0.003 min
Response: 7381795
Conc: 50.20 ug/ml



#5 A~2-methylnaphthalene (C12.89)

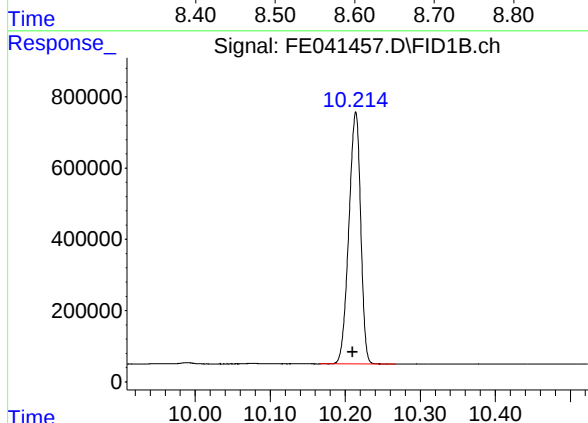
R.T.: 7.407 min
Delta R.T.: 0.003 min
Response: 7824284
Conc: 50.19 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



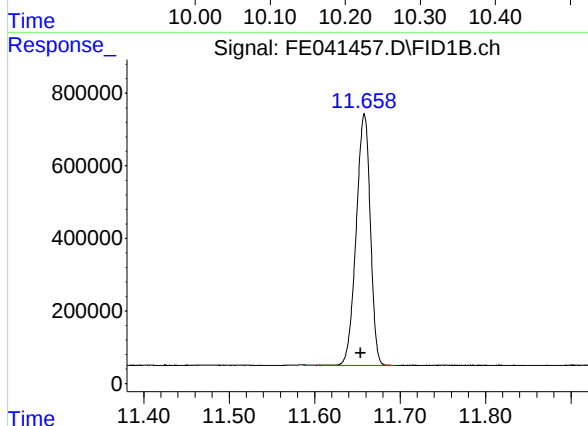
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.004 min
Response: 7394057
Conc: 50.20 ug/ml



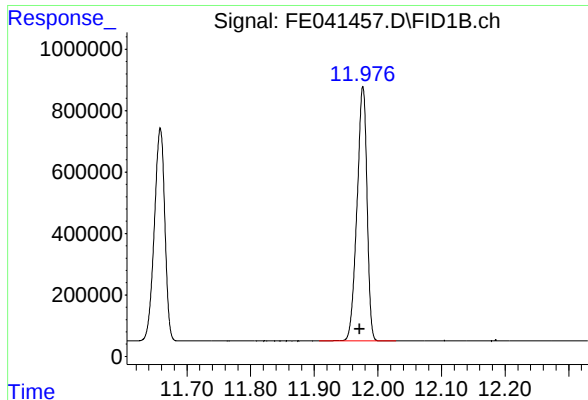
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.004 min
Response: 7738592
Conc: 50.19 ug/ml



#8 n-Octadecane (C18)

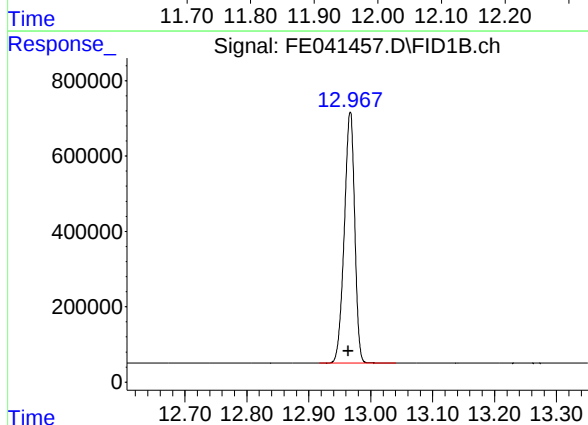
R.T.: 11.658 min
Delta R.T.: 0.004 min
Response: 7950942
Conc: 50.23 ug/ml



#9 ortho-Terphenyl (SURR)

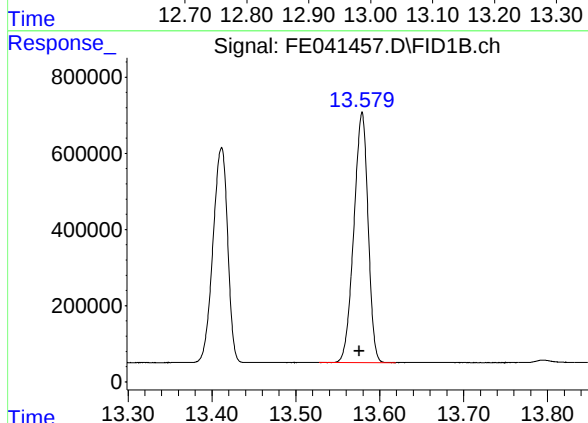
R.T.: 11.977 min
Delta R.T.: 0.005 min
Response: 9065534
Conc: 50.20 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



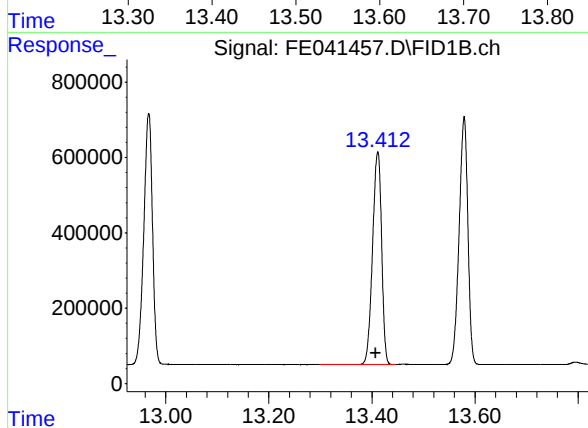
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 7791056
Conc: 50.23 ug/ml



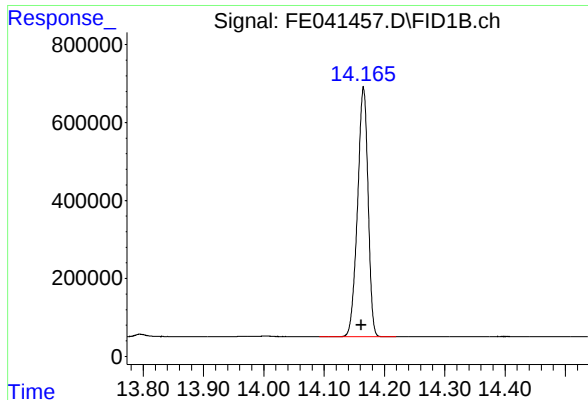
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.003 min
Response: 7733268
Conc: 50.26 ug/ml



#12 1-chlorooctadecane (SURR)

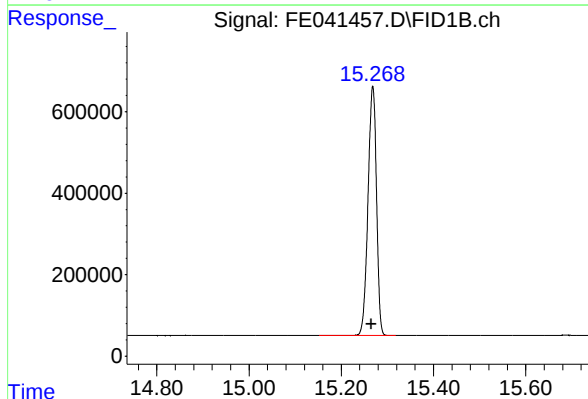
R.T.: 13.411 min
Delta R.T.: 0.004 min
Response: 6873187
Conc: 50.30 ug/ml



#13 n-Docosane (C22)

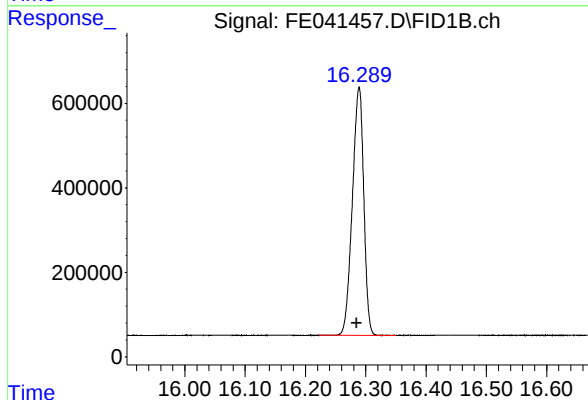
R.T.: 14.165 min
Delta R.T.: 0.003 min
Response: 7754817
Conc: 50.30 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



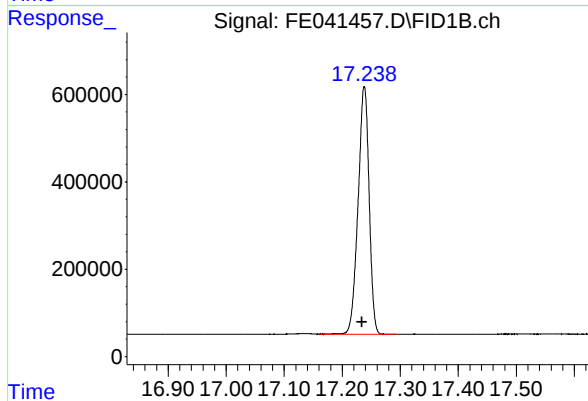
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.003 min
Response: 7829468
Conc: 50.36 ug/ml



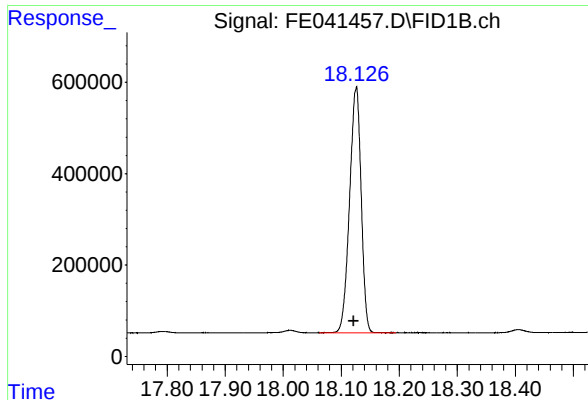
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.004 min
Response: 7717335
Conc: 50.43 ug/ml



#16 n-Octacosane (C28)

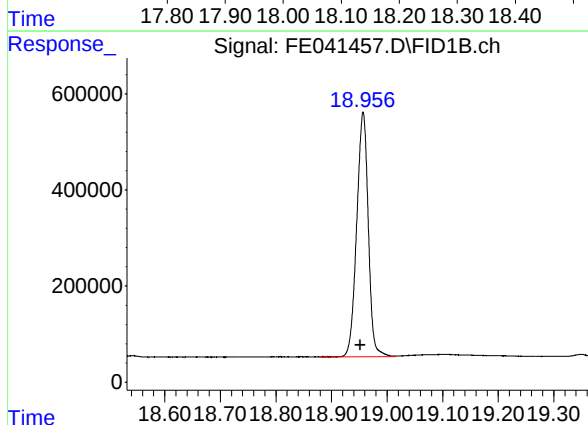
R.T.: 17.238 min
Delta R.T.: 0.004 min
Response: 7512025
Conc: 50.49 ug/ml



#17 n-Tricontane (C30)

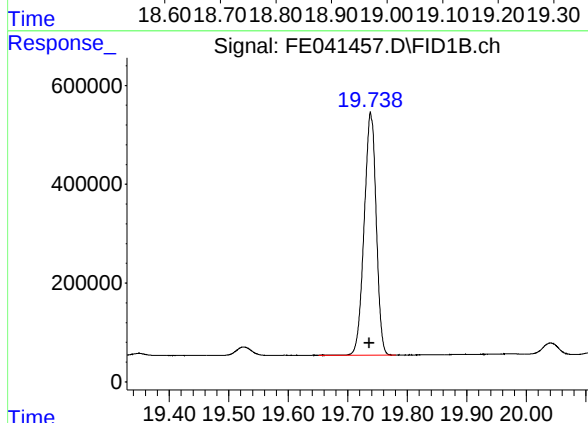
R.T.: 18.126 min
Delta R.T.: 0.004 min
Response: 7456712
Conc: 50.62 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



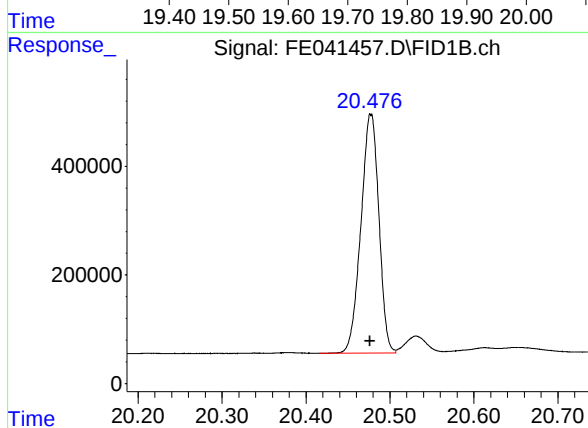
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.005 min
Response: 7352234
Conc: 51.02 ug/ml



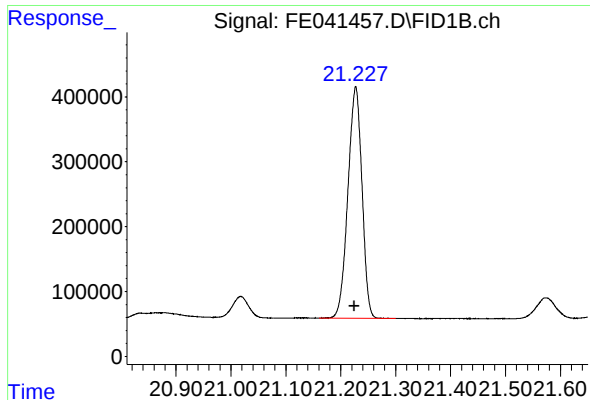
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.003 min
Response: 6896010
Conc: 50.64 ug/ml



#20 n-Hexatriacontane (C36)

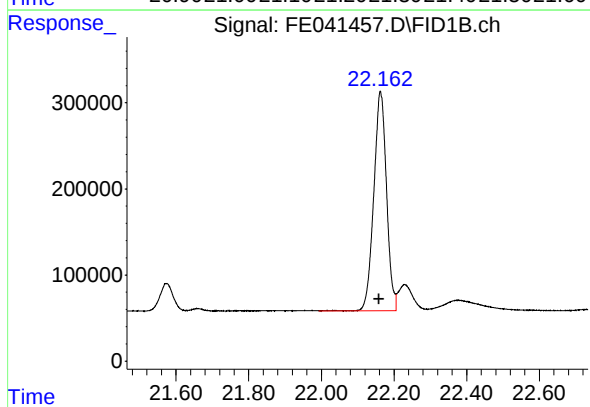
R.T.: 20.477 min
Delta R.T.: 0.001 min
Response: 6556220
Conc: 50.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.003 min
Response: 6337565
Conc: 50.60 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: 0.004 min
Response: 6195574
Conc: 50.95 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041457.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 18:24
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.357	3.316	3.418	BB	746601	7138139	78.74%	4.358%
2	4.608	4.564	4.659	BB	742417	7280691	80.31%	4.445%
3	6.310	6.268	6.345	BV	850159	8028256	88.56%	4.901%
4	6.776	6.730	6.822	BB	751022	7381795	81.43%	4.506%
5	7.407	7.355	7.446	BB	796154	7824284	86.31%	4.777%
6	8.606	8.555	8.652	BB	705831	7394057	81.56%	4.514%
7	10.214	10.165	10.268	BB	707209	7738592	85.36%	4.724%
8	11.658	11.605	11.695	VB	692807	7950942	87.71%	4.854%
9	11.977	11.908	12.028	BB	828299	9065534	100.00%	5.534%
10	12.967	12.917	13.041	BB	666135	7791056	85.94%	4.756%
11	13.411	13.298	13.447	BV	565316	6873187	75.82%	4.196%
12	13.579	13.528	13.619	BB	658027	7733268	85.30%	4.721%
13	14.165	14.092	14.219	BB	641260	7754817	85.54%	4.734%
14	15.268	15.152	15.318	BB	612454	7829468	86.37%	4.780%
15	16.289	16.223	16.350	BB	588047	7717335	85.13%	4.711%
16	17.238	17.160	17.293	VB	567223	7512025	82.86%	4.586%
17	18.126	18.062	18.194	BB	536073	7456712	82.25%	4.552%
18	18.957	18.878	19.016	BV	509230	7352234	81.10%	4.488%
19	19.738	19.652	19.781	BB	491386	6896010	76.07%	4.210%
20	20.477	20.415	20.507	PV	438932	6556220	72.32%	4.002%
21	21.227	21.160	21.300	BV	357536	6337565	69.91%	3.869%
22	22.162	21.994	22.205	BV	255079	6195574	68.34%	3.782%
Sum of corrected areas:						163807759		

Aliphatic EPH 042123.M Fri Apr 21 05:13:26 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041458.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 18:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Apr 21 04:22:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.972	3704795	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.408	2790087	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.355	2905960	20.000 ug/ml
2) T n-Decane (C10)	4.606	2966612	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.308	3273924	20.000 ug/ml
4) T n-Dodecane (C12)	6.773	3010864	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.404	3192608	20.000 ug/ml
6) T n-Tetradecane (C14)	8.602	3012173	20.000 ug/ml
7) T n-Hexadecane (C16)	10.210	3159688	20.000 ug/ml
8) T n-Octadecane (C18)	11.654	3243188	20.000 ug/ml
10) T n-Eicosane (C20)	12.964	3177305	20.000 ug/ml
11) T n-Heneicosane (C21)	13.576	3149090	20.000 ug/ml
13) T n-Docosane (C22)	14.162	3148865	20.000 ug/ml
14) T n-Tetracosane (C24)	15.265	3176612	20.000 ug/ml
15) T n-Hexacosane (C26)	16.285	3115649	20.000 ug/ml
16) T n-Octacosane (C28)	17.234	3029305	20.000 ug/ml
17) T n-Tricontane (C30)	18.122	2992589	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.952	2949902	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.736	2785631	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.476	2638540	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.225	2578334	20.000 ug/ml
22) T n-Tetracontane (C40)	22.159	2486280	20.000 ug/ml

(f)=RT Delta > 1/2 Window

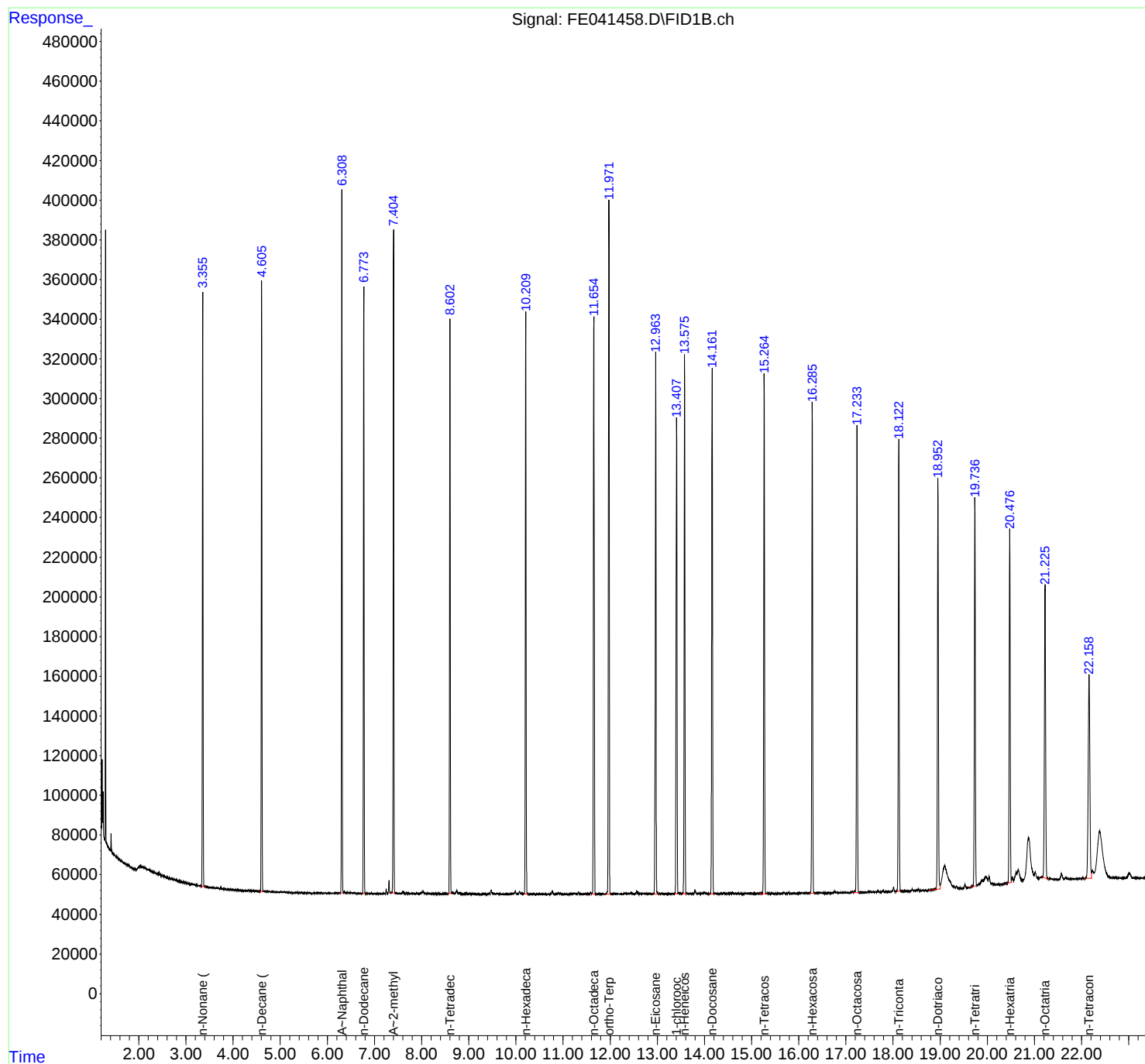
(m)=manual int.

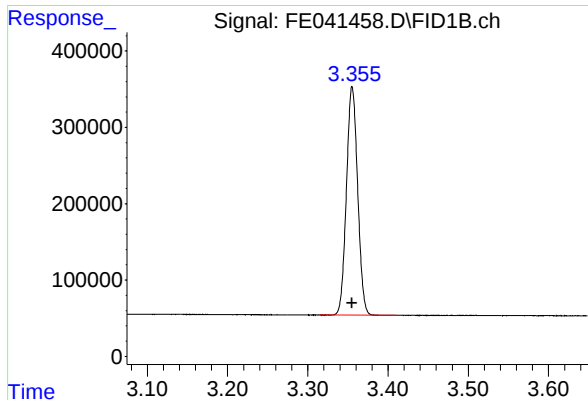
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
Data File : FE041458.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 18:54
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Apr 21 04:22:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 04:18:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

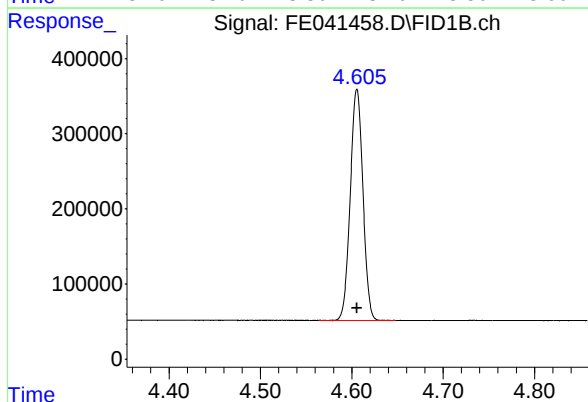




#1 n-Nonane (C9)

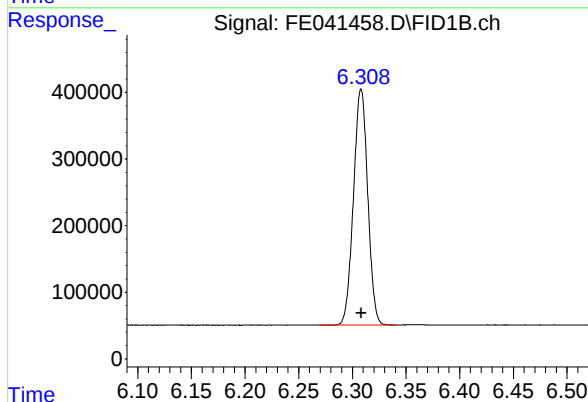
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 2905960
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



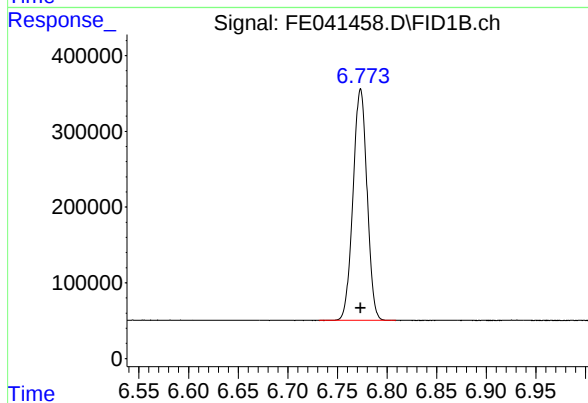
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2966612
Conc: 20.00 ug/ml



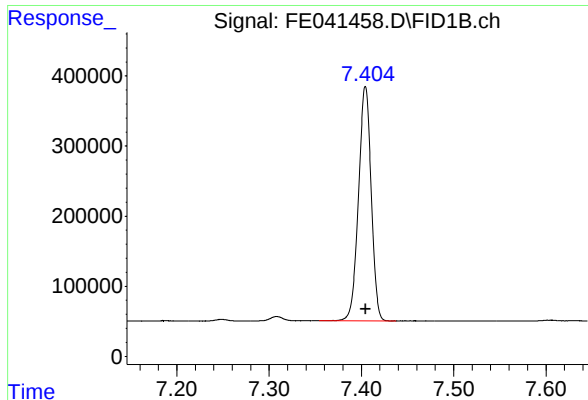
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 3273924
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

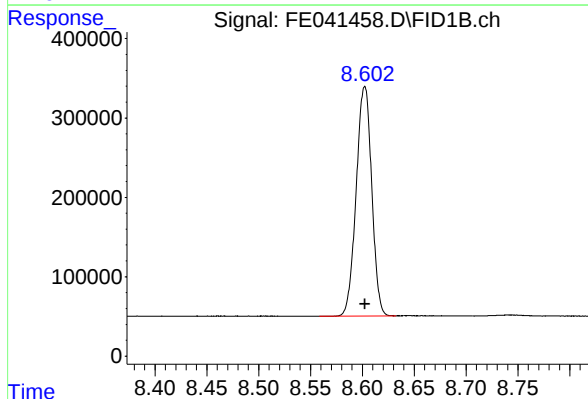
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 3010864
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

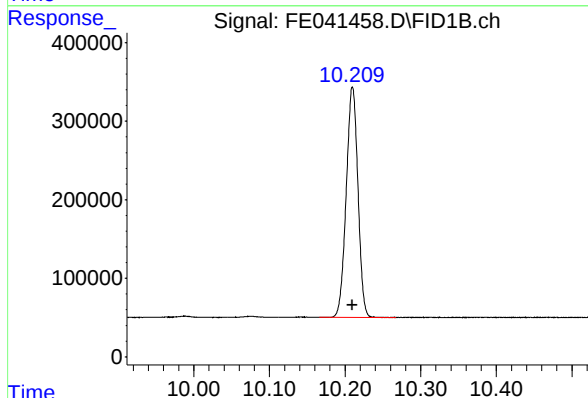
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3192608
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



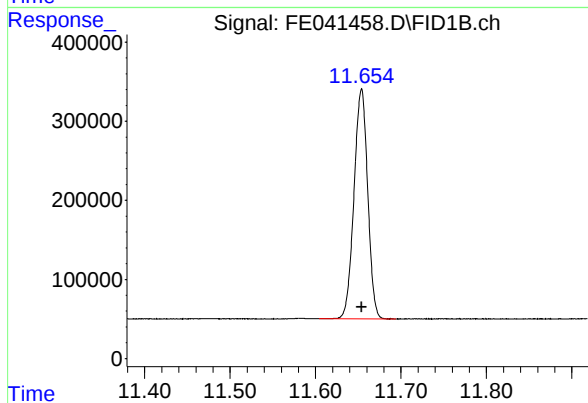
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 3012173
Conc: 20.00 ug/ml



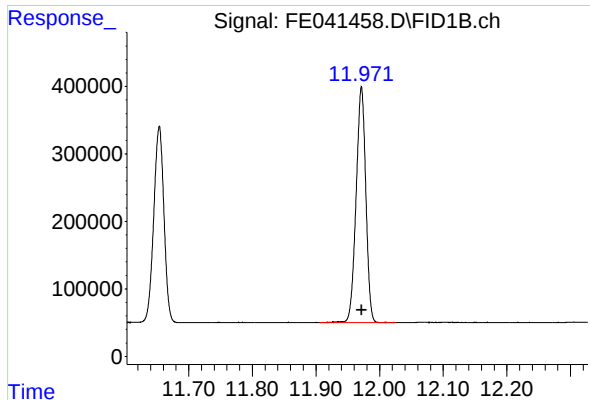
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 3159688
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

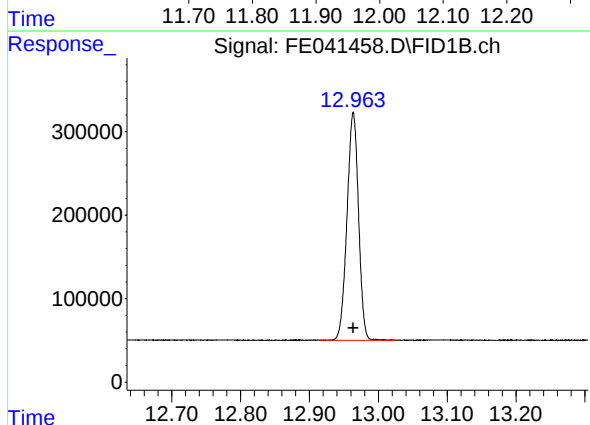
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 3243188
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

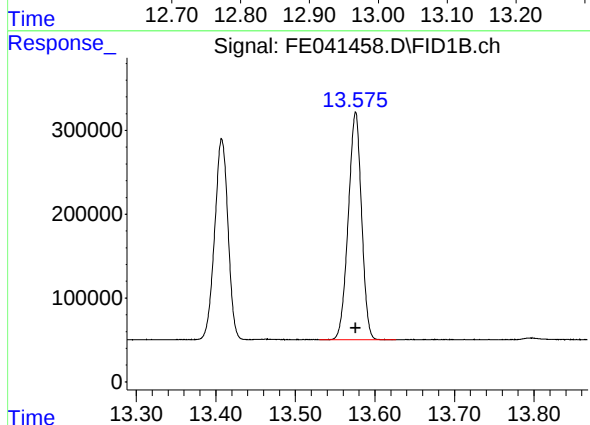
R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 3704795
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



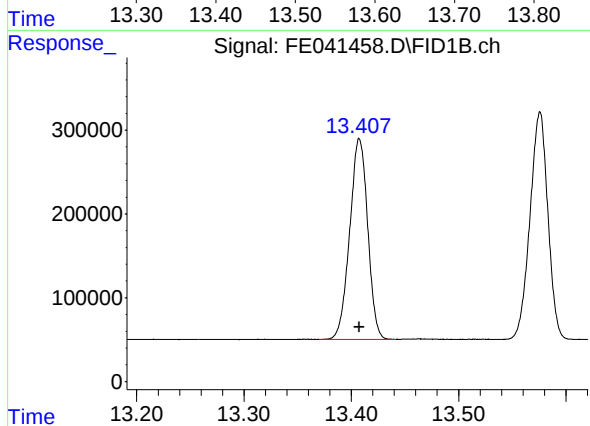
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.000 min
Response: 3177305
Conc: 20.00 ug/ml



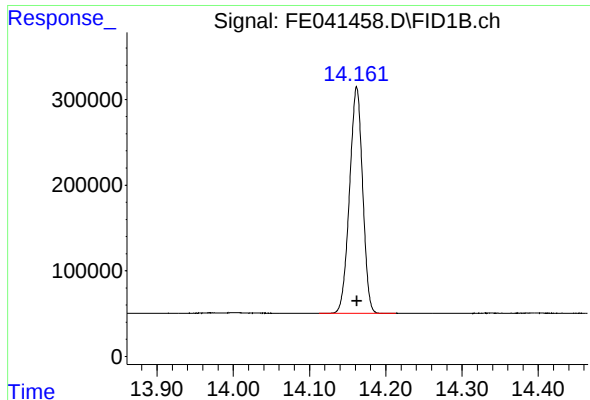
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.000 min
Response: 3149090
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

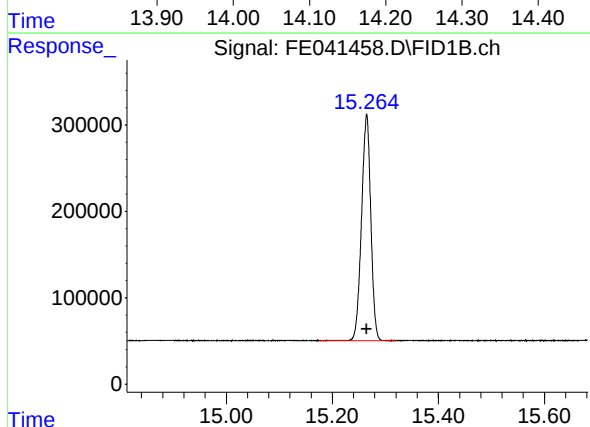
R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2790087
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

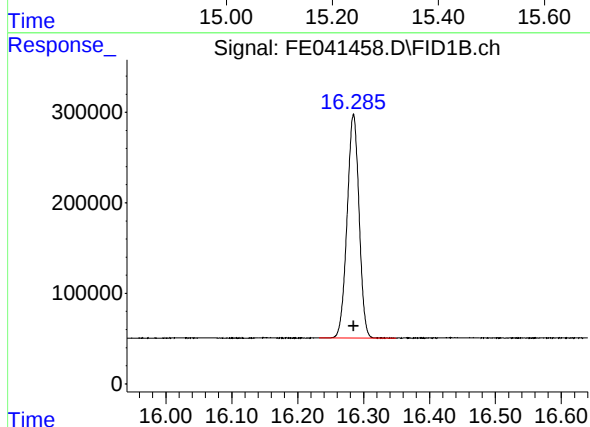
R.T.: 14.162 min
Delta R.T.: 0.000 min
Response: 3148865
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



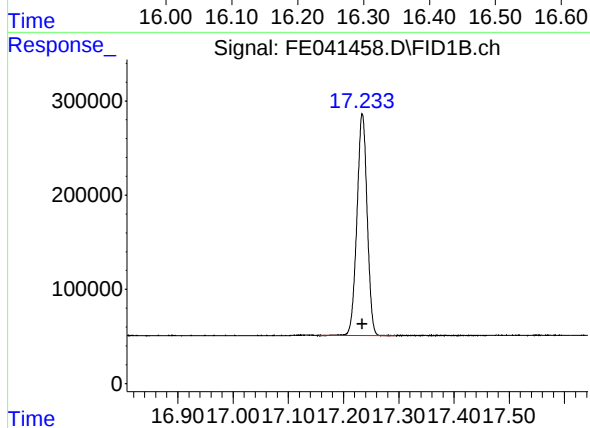
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 3176612
Conc: 20.00 ug/ml



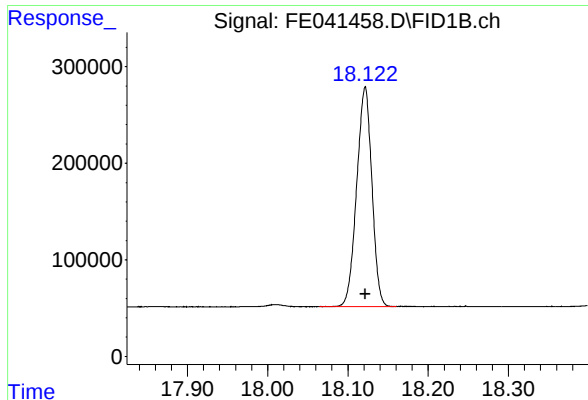
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.000 min
Response: 3115649
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

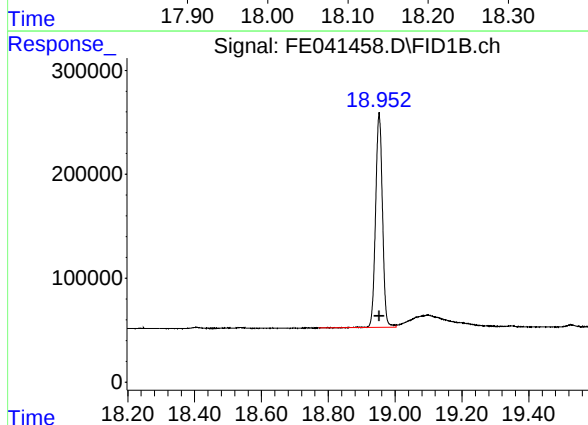
R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 3029305
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

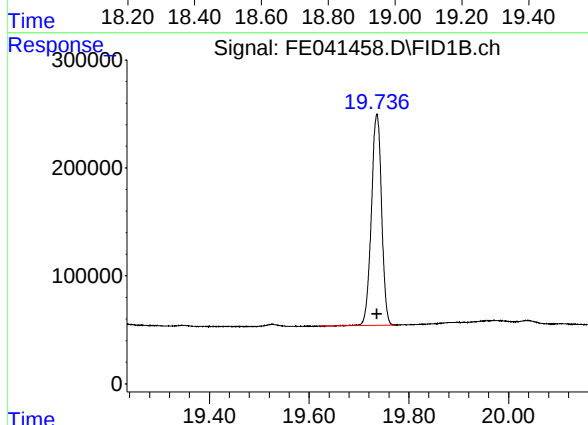
R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 2992589
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



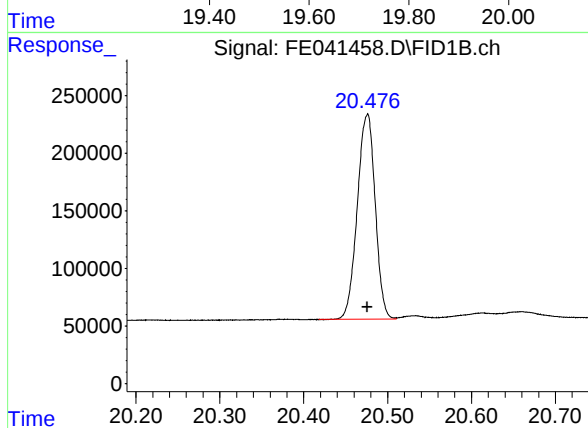
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.000 min
Response: 2949902
Conc: 20.00 ug/ml



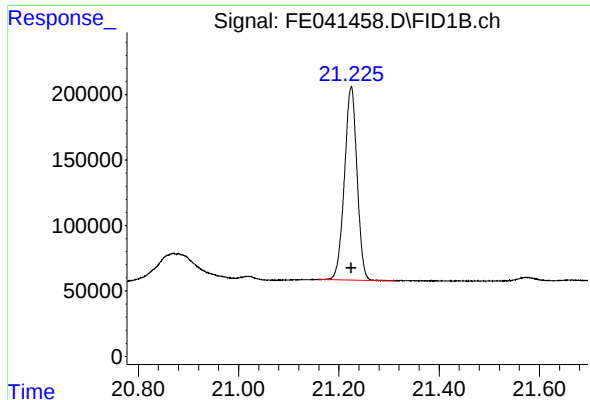
#19 n-Tetatriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.000 min
Response: 2785631
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

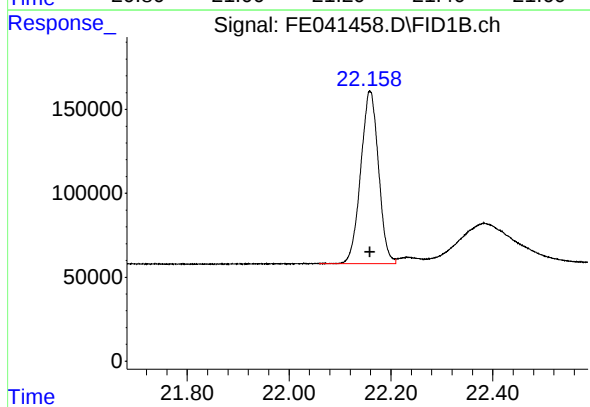
R.T.: 20.476 min
Delta R.T.: 0.000 min
Response: 2638540
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.000 min
Response: 2578334
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: 0.000 min
Response: 2486280
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
Data File : FE041458.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 18:54
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.355	3.314	3.410	BB	298963	2905960	78.44%	4.371%
2	4.606	4.564	4.648	BB	307875	2966612	80.07%	4.462%
3	6.308	6.269	6.341	BV	354525	3273924	88.37%	4.924%
4	6.773	6.732	6.809	BB	305861	3010864	81.27%	4.528%
5	7.404	7.354	7.437	BB	334476	3192608	86.18%	4.802%
6	8.602	8.558	8.632	BB	289256	3012173	81.30%	4.530%
7	10.210	10.166	10.267	BB	293396	3159688	85.29%	4.752%
8	11.654	11.604	11.694	BB	291311	3243188	87.54%	4.878%
9	11.972	11.905	12.026	BB	349844	3704795	100.00%	5.572%
10	12.964	12.914	13.026	BB	272906	3177305	85.76%	4.779%
11	13.408	13.370	13.442	BV	239663	2790087	75.31%	4.196%
12	13.576	13.530	13.627	BB	272043	3149090	85.00%	4.736%
13	14.162	14.112	14.213	BB	264632	3148865	84.99%	4.736%
14	15.265	15.175	15.320	BB	262090	3176612	85.74%	4.778%
15	16.285	16.232	16.349	BB	247636	3115649	84.10%	4.686%
16	17.234	17.156	17.295	BB	235163	3029305	81.77%	4.556%
17	18.122	18.064	18.160	BB	227821	2992589	80.78%	4.501%
18	18.952	18.772	19.002	BV	207082	2949902	79.62%	4.437%
19	19.736	19.620	19.774	BB	195710	2785631	75.19%	4.190%
20	20.476	20.418	20.510	BV	177760	2638540	71.22%	3.968%
21	21.225	21.160	21.314	BB	148096	2578334	69.59%	3.878%
22	22.159	22.059	22.210	BV	102497	2486280	67.11%	3.739%
Sum of corrected areas:							66488000	

Aliphatic EPH 042123.M Fri Apr 21 05:14:04 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041459.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 19:24
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 04:29:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.970	1945799	10.570 ug/ml
Spiked Amount 50.000		Recovery =	21.14%
12) S 1-chlorooctadecane (S...	13.406	1459999	10.505 ug/ml
Spiked Amount 50.000		Recovery =	21.01%
Target Compounds			
1) T n-Nonane (C9)	3.355	1519629	10.517 ug/ml
2) T n-Decane (C10)	4.606	1548987	10.507 ug/ml
3) T A~Naphthalene (C11.7)	6.308	1711801	10.521 ug/ml
4) T n-Dodecane (C12)	6.773	1569400	10.496 ug/ml
5) T A~2-methylnaphthalene...	7.403	1667561	10.513 ug/ml
6) T n-Tetradecane (C14)	8.602	1569000	10.482 ug/ml
7) T n-Hexadecane (C16)	10.209	1646801	10.502 ug/ml
8) T n-Octadecane (C18)	11.652	1694967	10.521 ug/ml
10) T n-Eicosane (C20)	12.962	1663595	10.534 ug/ml
11) T n-Heneicosane (C21)	13.574	1647929	10.523 ug/ml
13) T n-Docosane (C22)	14.161	1644515	10.493 ug/ml
14) T n-Tetracosane (C24)	15.263	1666738	10.531 ug/ml
15) T n-Hexacosane (C26)	16.284	1635171	10.506 ug/ml
16) T n-Octacosane (C28)	17.232	1593886	10.525 ug/ml
17) T n-Tricontane (C30)	18.120	1580001	10.535 ug/ml
18) T n-Dotriacontane (C32)	18.952	1549957	10.557 ug/ml
19) T n-Tetratriacontane (C34)	19.734	1465194	10.558 ug/mlm
20) T n-Hexatriacontane (C36)	20.473	1402389	10.632 ug/ml
21) T n-Octatriacontane (C38)	21.224	1385638	10.777 ug/ml
22) T n-Tetracontane (C40)	22.158	1343661	10.767 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
Data File : FE041459.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 19:24
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

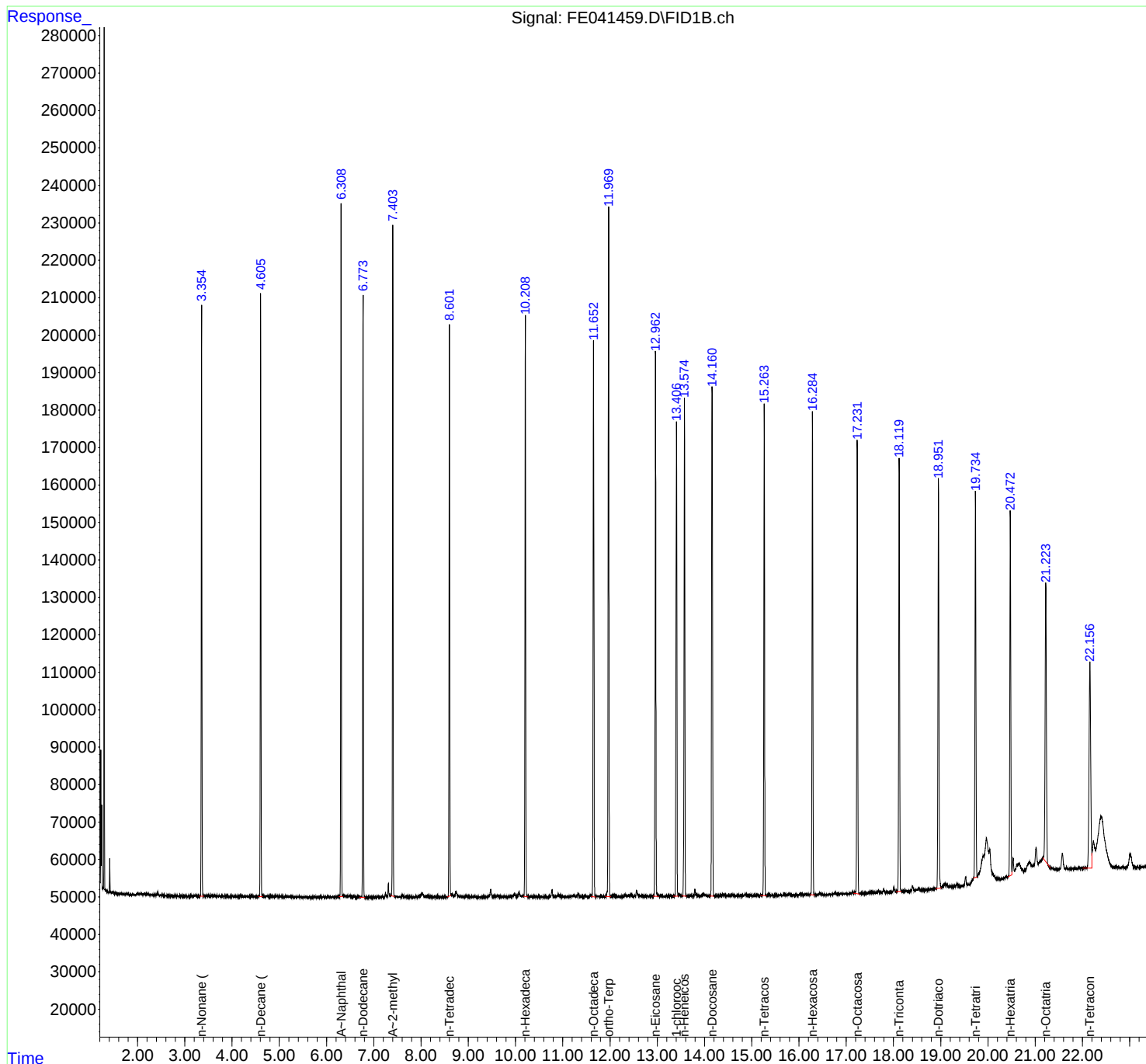
Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

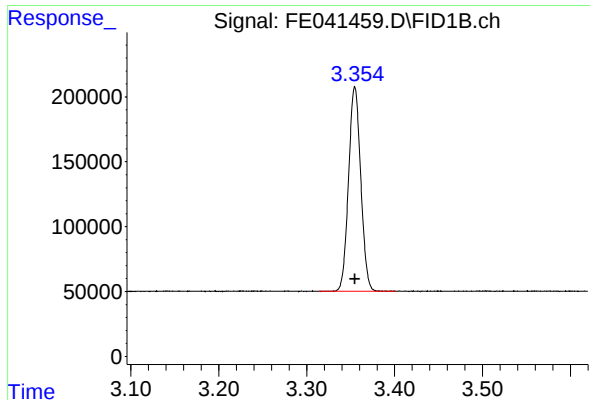
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
Quant Time: Apr 21 04:29:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 04:18:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





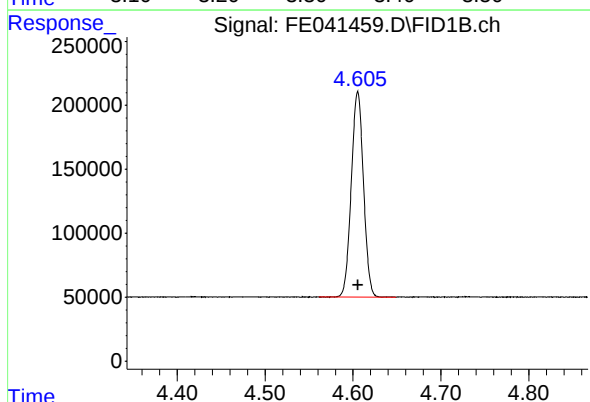
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 1519629
Conc: 10.52 ug/ml

Instrument : FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

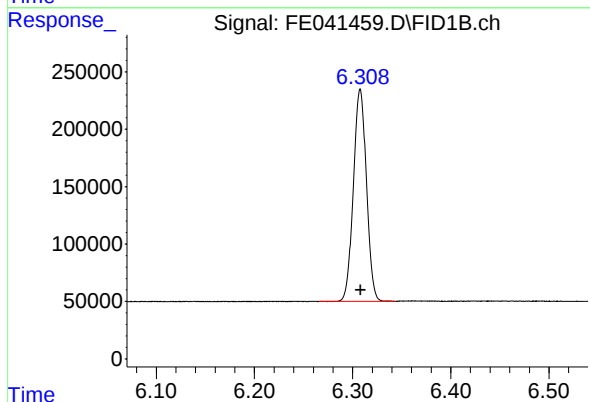
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



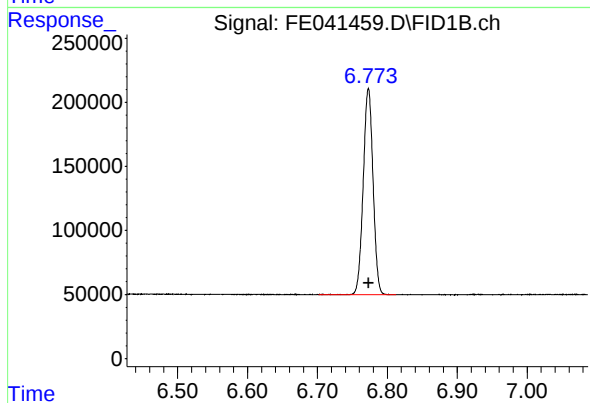
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 1548987
Conc: 10.51 ug/ml



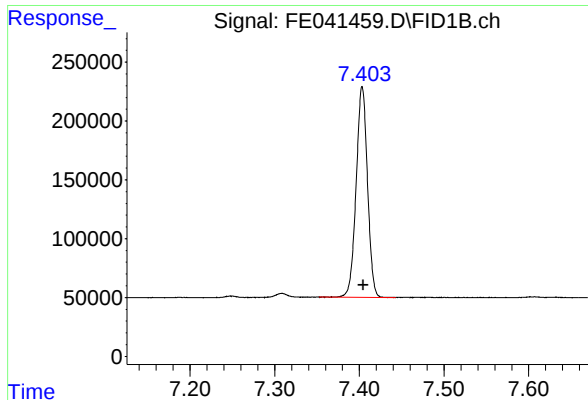
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 1711801
Conc: 10.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 1569400
Conc: 10.50 ug/ml



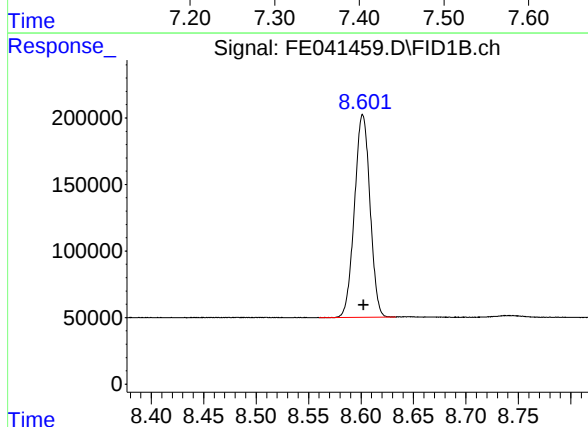
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 1667561
Conc: 10.51 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

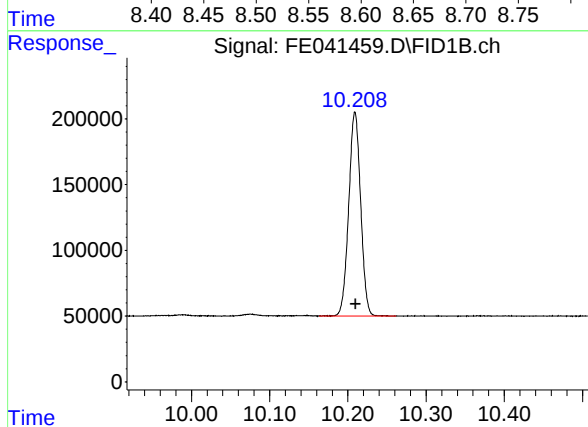
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



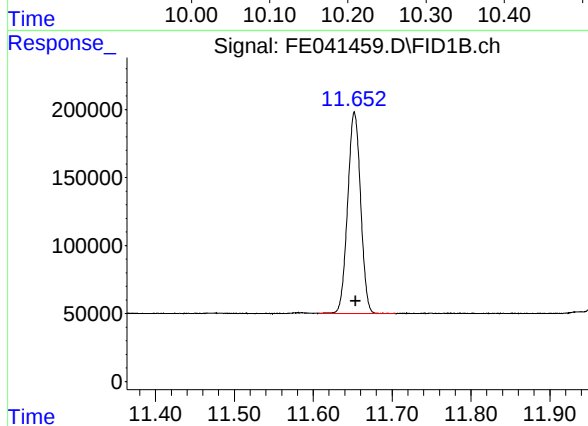
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 1569000
Conc: 10.48 ug/ml



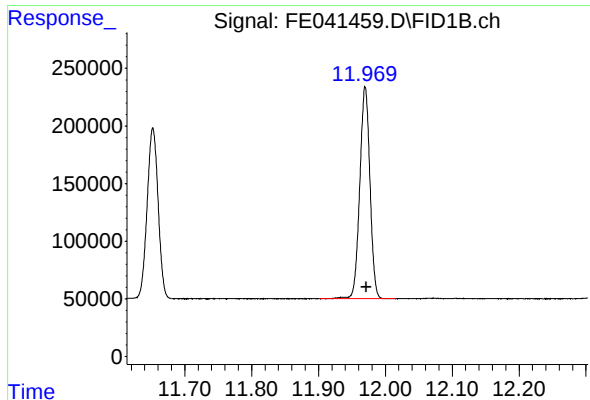
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.000 min
Response: 1646801
Conc: 10.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 1694967
Conc: 10.52 ug/ml



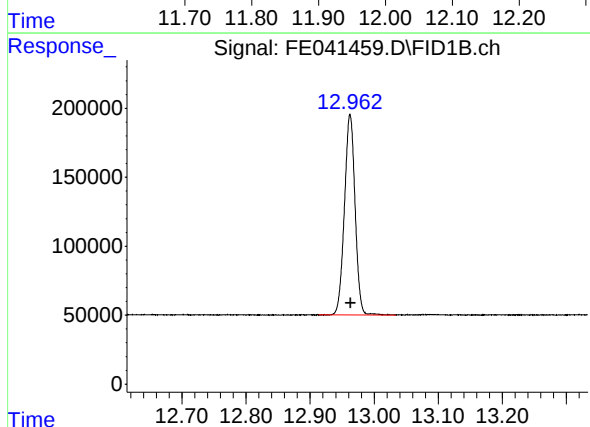
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.002 min
Response: 1945799
Conc: 10.57 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

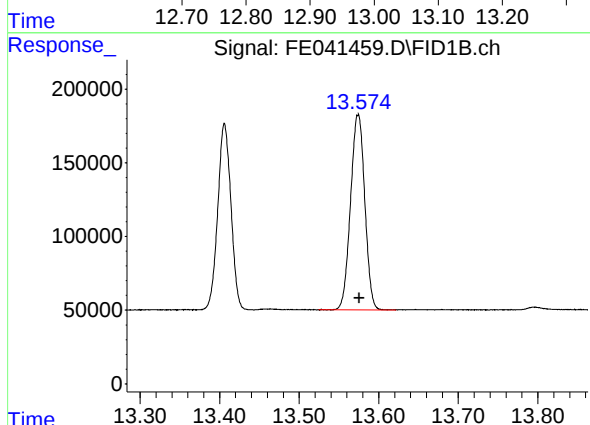
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



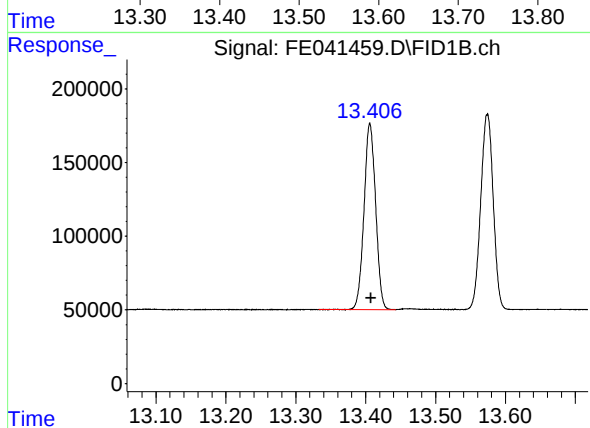
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.001 min
Response: 1663595
Conc: 10.53 ug/ml



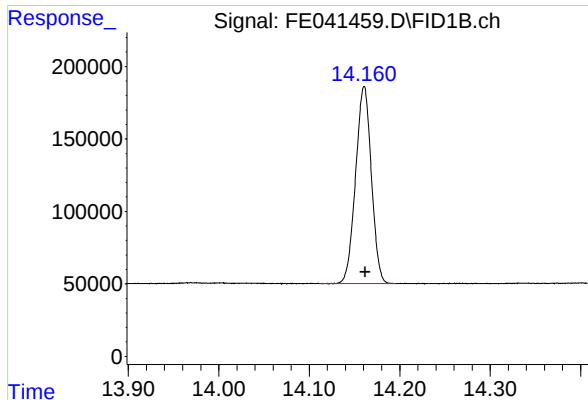
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 1647929
Conc: 10.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.001 min
Response: 1459999
Conc: 10.51 ug/ml



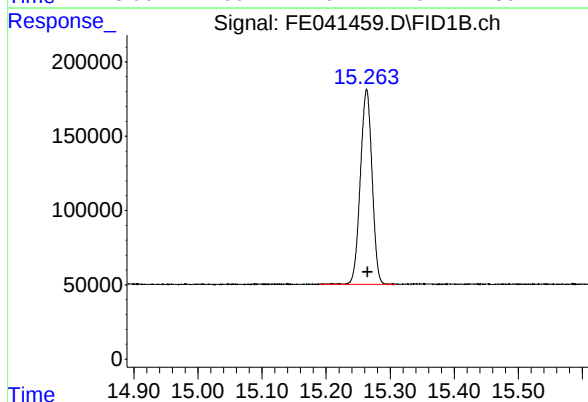
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: -0.001 min
Response: 1644515
Conc: 10.49 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

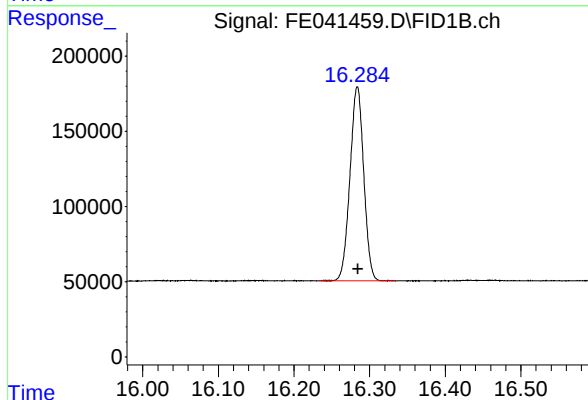
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



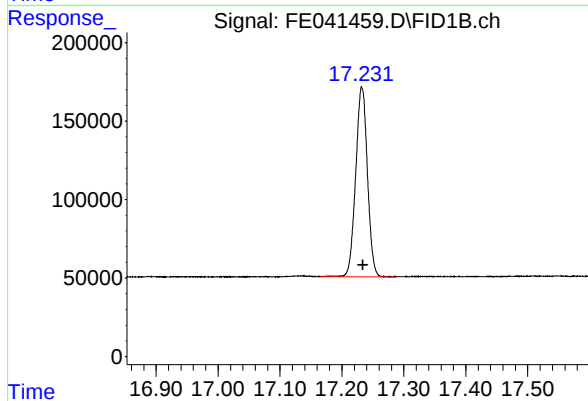
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.002 min
Response: 1666738
Conc: 10.53 ug/ml



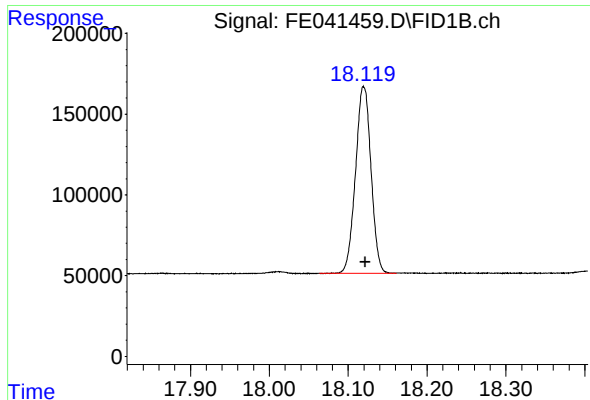
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.000 min
Response: 1635171
Conc: 10.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: -0.002 min
Response: 1593886
Conc: 10.52 ug/ml



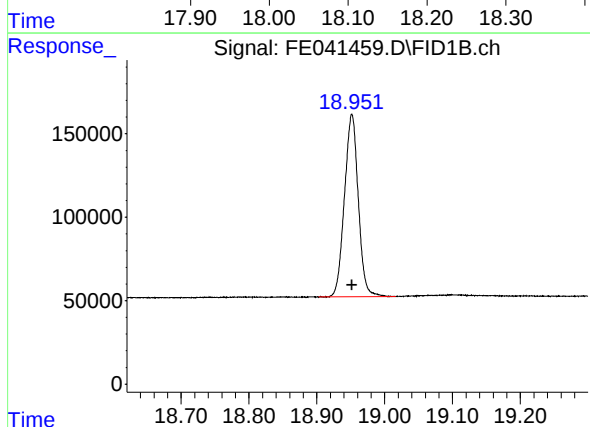
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 1580001
Conc: 10.53 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4

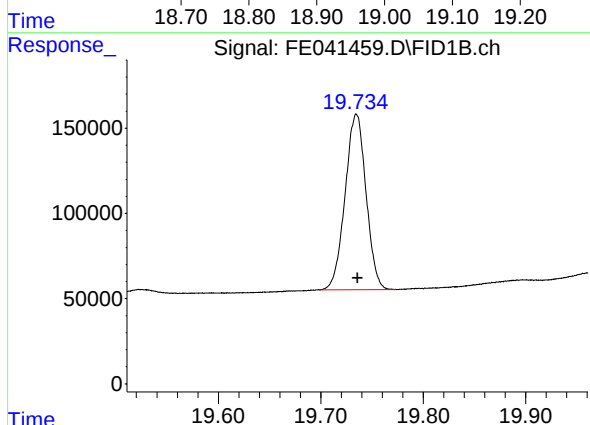
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



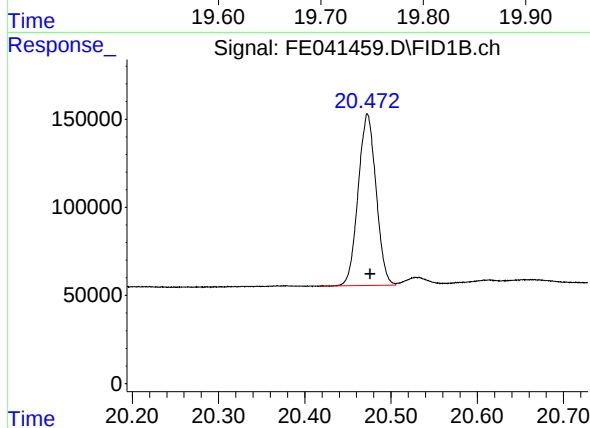
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.000 min
Response: 1549957
Conc: 10.56 ug/ml



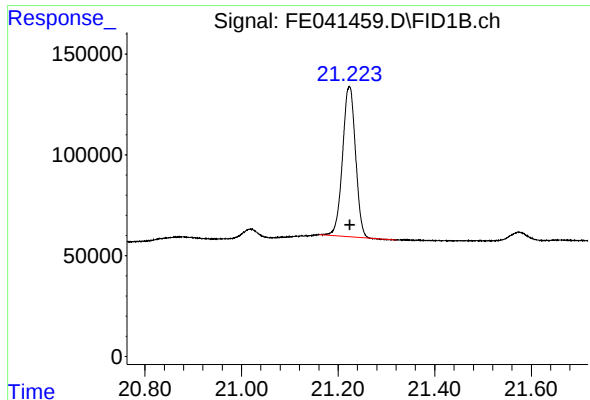
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.002 min
Response: 1465194
Conc: 10.56 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: -0.003 min
Response: 1402389
Conc: 10.63 ug/ml



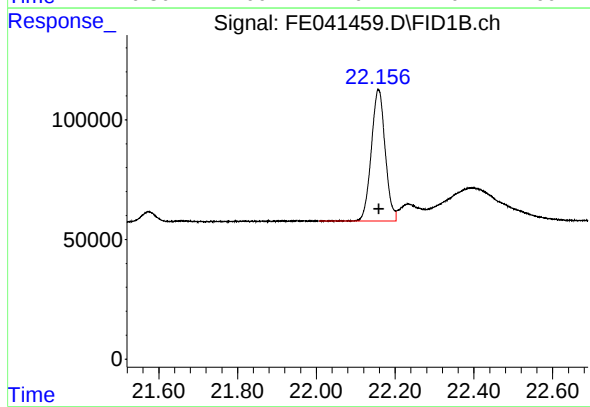
#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.001 min
Response: 1385638
Conc: 10.78 ug/ml

Instrument : FID_E
ClientSampleId : 10 PPM ALIPHATIC HC STD4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: -0.001 min
Response: 1343661
Conc: 10.77 ug/ml

rters

Instrument :
FID_E
LabSampleId :
10 PPM ALIPHATIC HC STD4
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123
Data File : FE041459.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 19:24
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.355	3.314	3.401	BB	157764	1519629	78.10%	4.351%
2	4.606	4.561	4.649	BB	160866	1548987	79.61%	4.435%
3	6.308	6.266	6.344	BV	185203	1711801	87.97%	4.901%
4	6.773	6.702	6.812	BB	160811	1569400	80.66%	4.493%
5	7.403	7.352	7.443	BB	179193	1667561	85.70%	4.774%
6	8.602	8.560	8.633	BV	152521	1569000	80.64%	4.492%
7	10.209	10.163	10.261	BB	155145	1646801	84.63%	4.715%
8	11.652	11.607	11.705	BB	148269	1694967	87.11%	4.853%
9	11.970	11.901	12.016	BB	183667	1945799	100.00%	5.571%
10	12.962	12.914	13.034	BB	145381	1663595	85.50%	4.763%
11	13.406	13.333	13.443	BV	126677	1459999	75.03%	4.180%
12	13.574	13.525	13.621	BB	132244	1647929	84.69%	4.718%
13	14.161	14.111	14.196	BB	136066	1644515	84.52%	4.708%
14	15.263	15.189	15.309	BB	131275	1666738	85.66%	4.772%
15	16.284	16.233	16.335	BB	129147	1635171	84.04%	4.681%
16	17.232	17.163	17.287	BB	120539	1593886	81.91%	4.563%
17	18.120	18.063	18.161	BB	115639	1580001	81.20%	4.523%
18	18.952	18.903	19.016	BV	109447	1549957	79.66%	4.437%
19	19.734	19.663	19.762	M	103619	1481947	76.16%	4.243%
20	20.473	20.416	20.506	BV	97105	1402389	72.07%	4.015%
21	21.224	21.161	21.320	BB	74445	1385638	71.21%	3.967%
22	22.158	22.007	22.202	BV	54999	1343661	69.05%	3.847%
Sum of corrected areas:						34929371		

Aliphatic EPH 042123.M Fri Apr 21 05:14:40 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041460.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 19:55
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 04:31:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.970	1008438	5.375 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	13.406	752185	5.324 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
Target Compounds			
1) T n-Nonane (C9)	3.356	784968	5.340 ug/ml
2) T n-Decane (C10)	4.606	800958	5.340 ug/ml
3) T A~Naphthalene (C11.7)	6.308	883038	5.336 ug/ml
4) T n-Dodecane (C12)	6.773	810742	5.332 ug/ml
5) T A~2-methylnaphthalene...	7.404	858844	5.326 ug/ml
6) T n-Tetradecane (C14)	8.601	803882	5.292 ug/ml
7) T n-Hexadecane (C16)	10.208	853397	5.348 ug/ml
8) T n-Octadecane (C18)	11.652	875757	5.343 ug/ml
10) T n-Eicosane (C20)	12.962	862696	5.364 ug/ml
11) T n-Heneicosane (C21)	13.574	852239	5.348 ug/ml
13) T n-Docosane (C22)	14.160	848604	5.326 ug/ml
14) T n-Tetracosane (C24)	15.263	864982	5.365 ug/ml
15) T n-Hexacosane (C26)	16.284	839589	5.311 ug/ml
16) T n-Octacosane (C28)	17.232	817992	5.316 ug/ml
17) T n-Tricontane (C30)	18.118	807994	5.305 ug/ml
18) T n-Dotriacontane (C32)	18.952	788055	5.290 ug/ml
19) T n-Tetratriacontane (C34)	19.733	746831	5.297 ug/mlm
20) T n-Hexatriacontane (C36)	20.472	705248	5.268 ug/mlm
21) T n-Octatriacontane (C38)	21.222	732000	5.537 ug/mlm
22) T n-Tetracontane (C40)	22.154	669392	5.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
Data File : FE041460.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 19:55
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

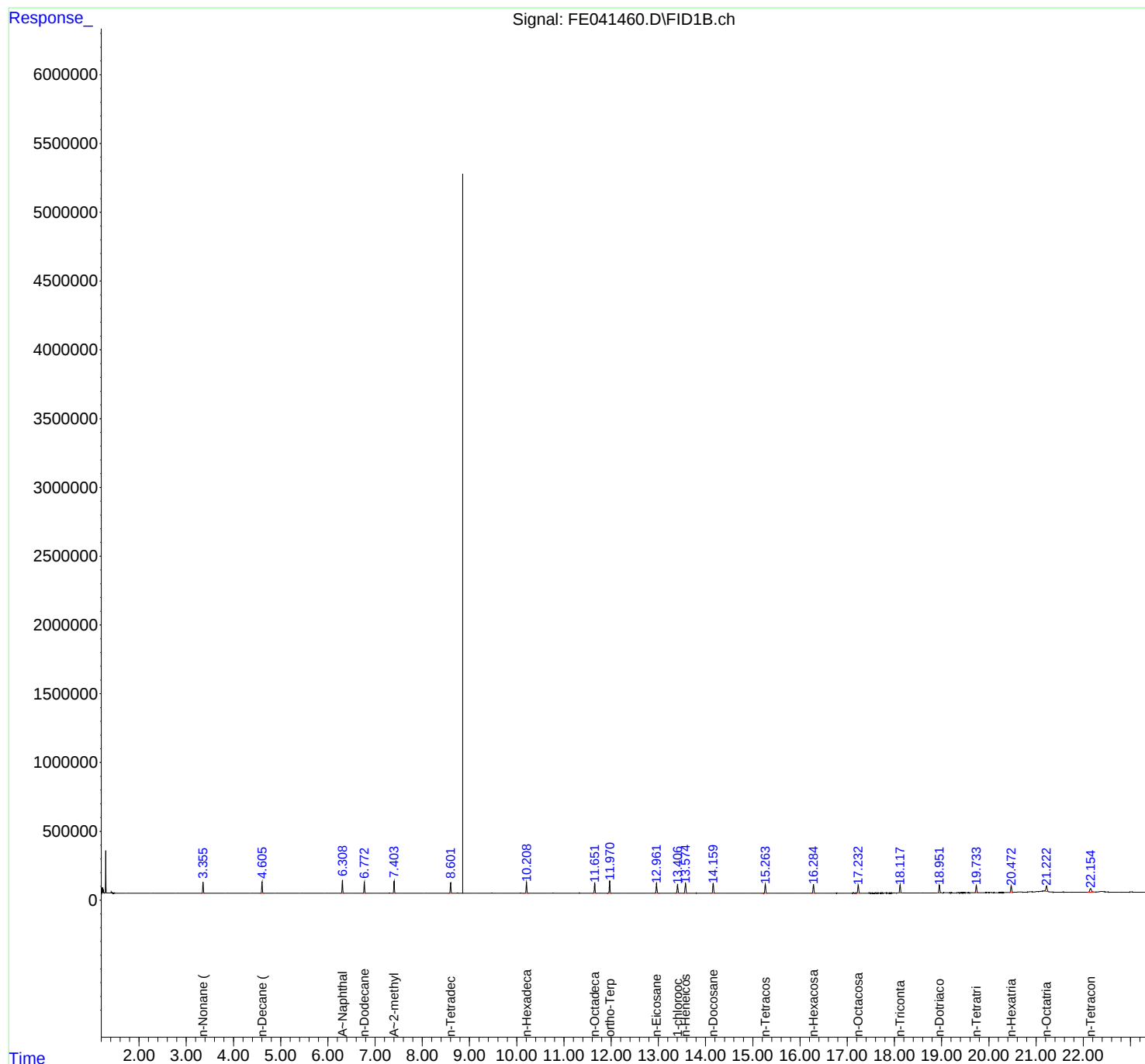
Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

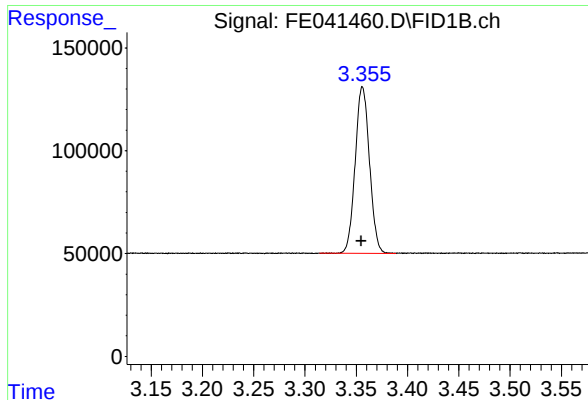
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
Quant Time: Apr 21 04:31:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 04:18:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





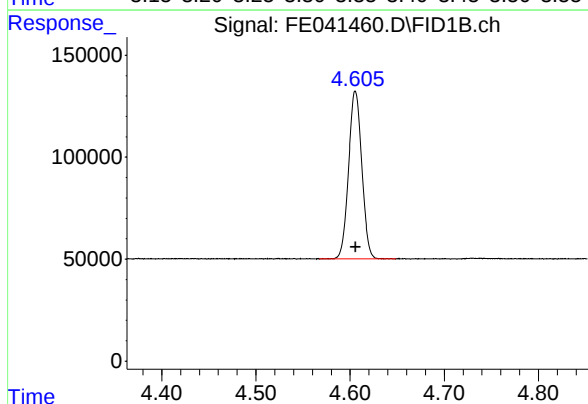
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: 0.001 min
Response: 784968
Conc: 5.34 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

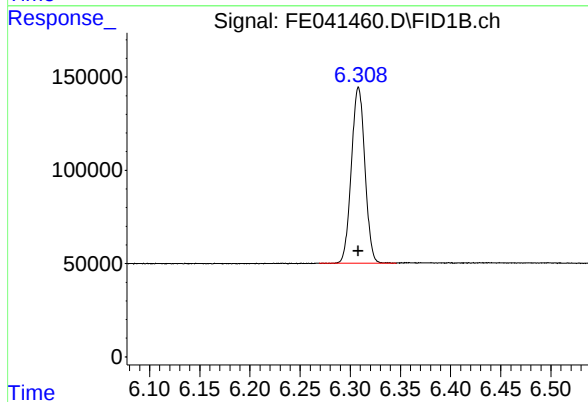
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



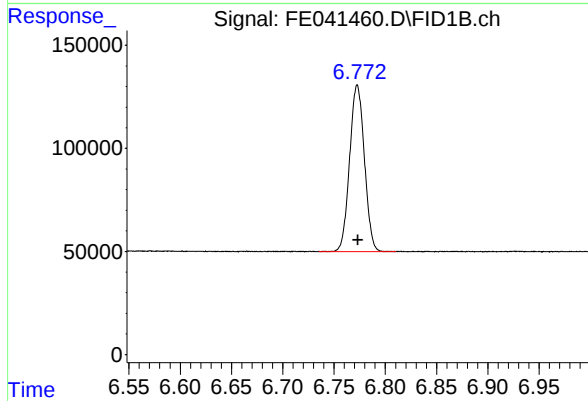
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 800958
Conc: 5.34 ug/ml



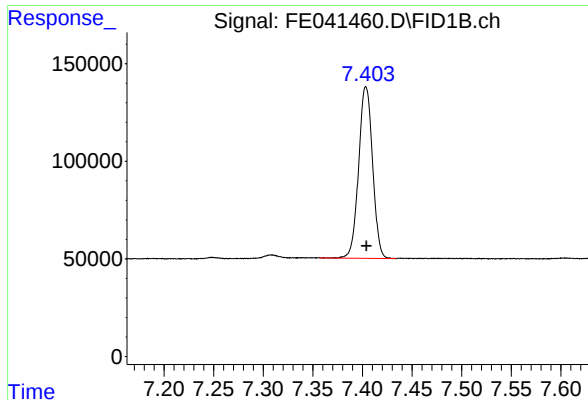
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 883038
Conc: 5.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 810742
Conc: 5.33 ug/ml



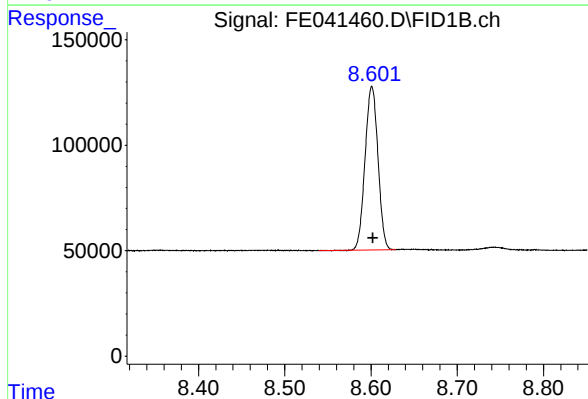
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 858844
Conc: 5.33 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

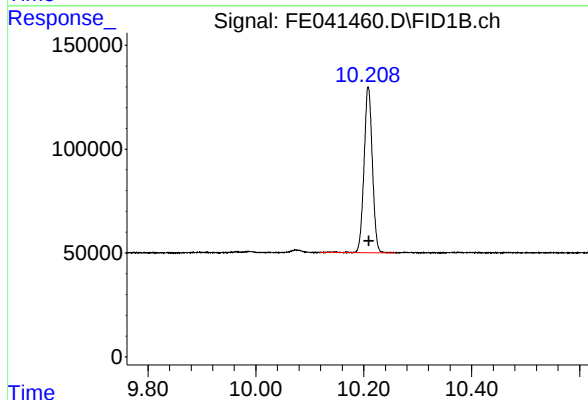
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



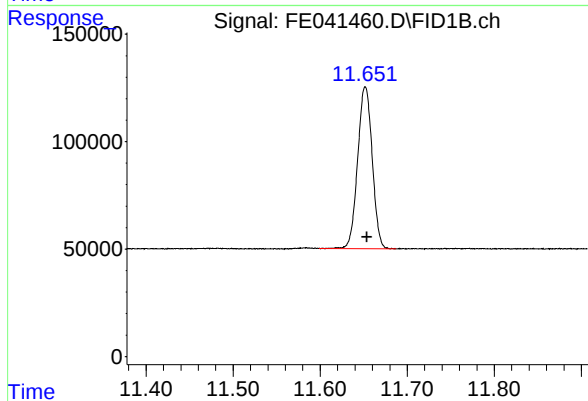
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.001 min
Response: 803882
Conc: 5.29 ug/ml



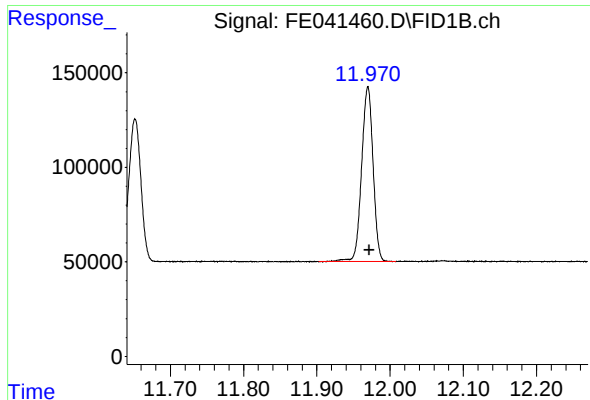
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 853397
Conc: 5.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 875757
Conc: 5.34 ug/ml



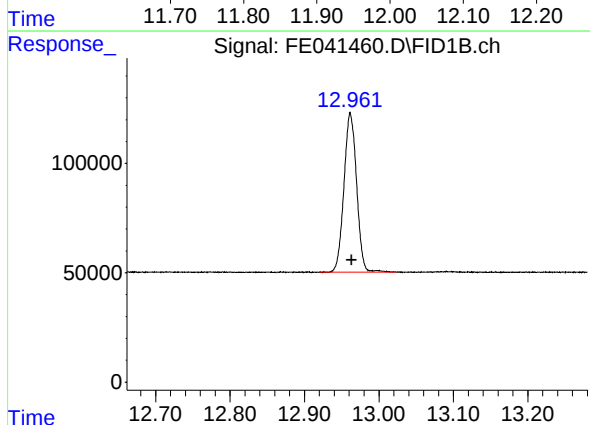
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.002 min
Response: 1008438
Conc: 5.38 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

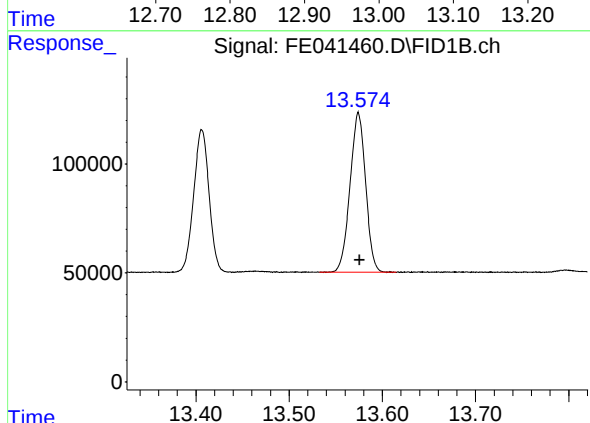
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



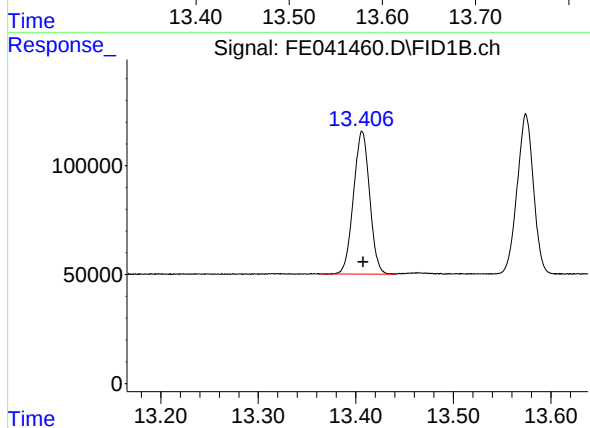
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 862696
Conc: 5.36 ug/ml



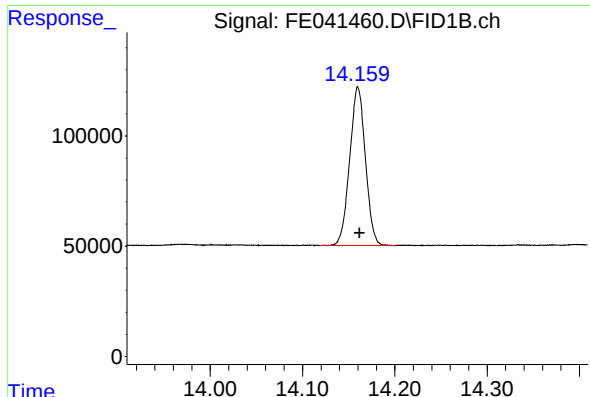
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.001 min
Response: 852239
Conc: 5.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.001 min
Response: 752185
Conc: 5.32 ug/ml



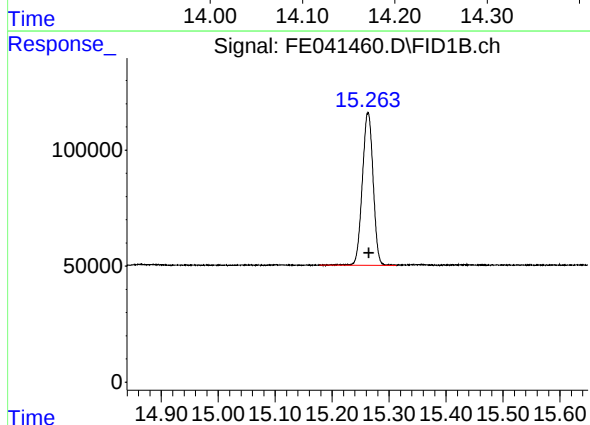
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.002 min
Response: 848604
Conc: 5.33 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

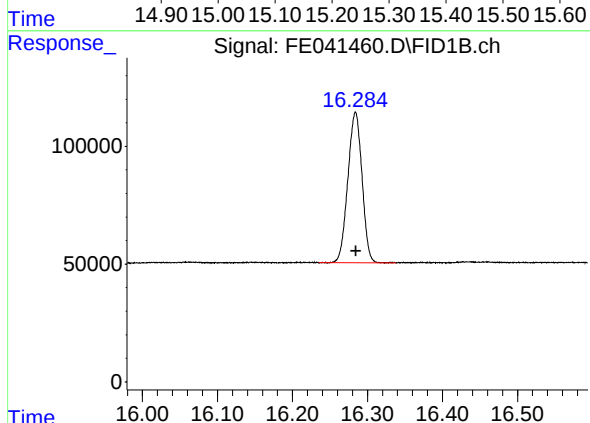
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



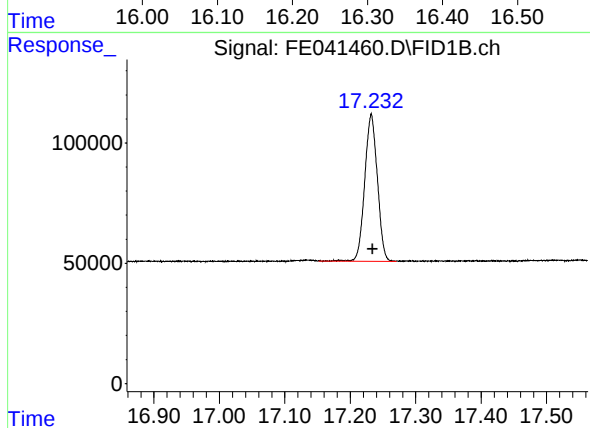
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.002 min
Response: 864982
Conc: 5.37 ug/ml



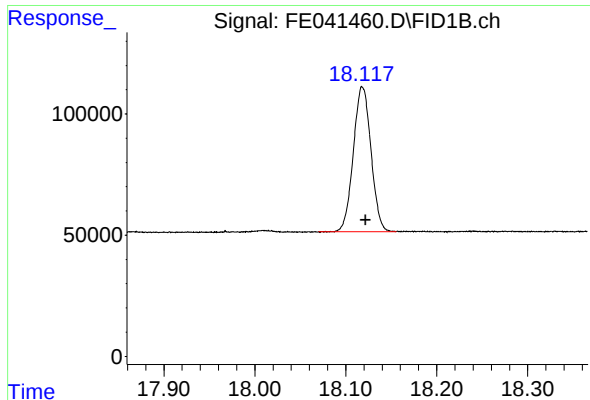
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.000 min
Response: 839589
Conc: 5.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: -0.002 min
Response: 817992
Conc: 5.32 ug/ml



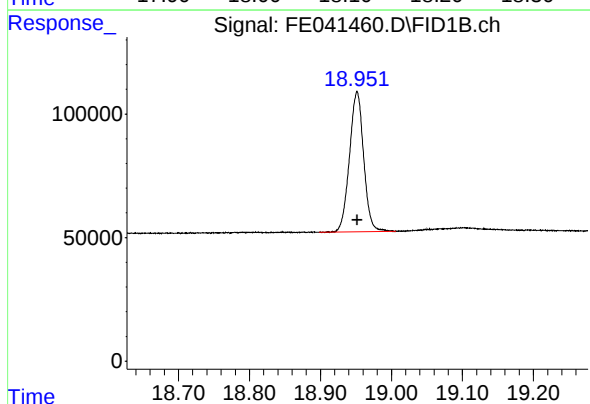
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: -0.003 min
Response: 807994
Conc: 5.31 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

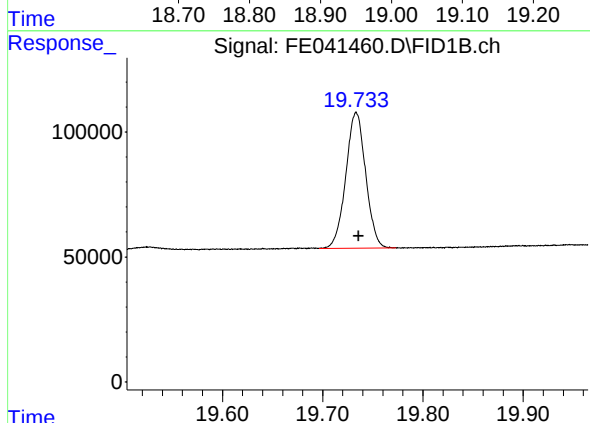
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



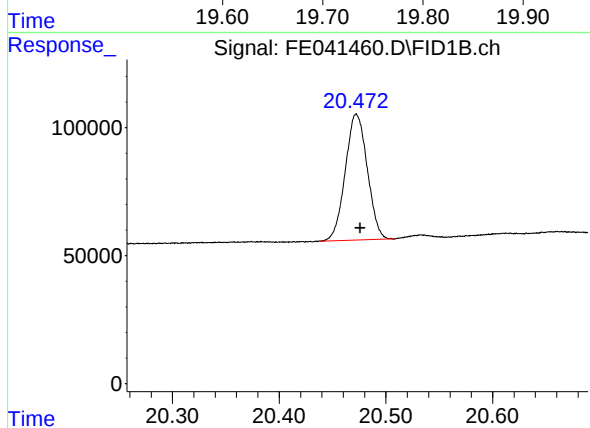
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.000 min
Response: 788055
Conc: 5.29 ug/ml



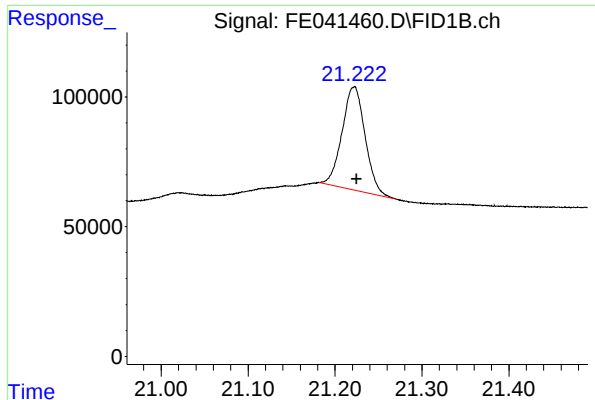
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.003 min
Response: 746831
Conc: 5.30 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.472 min
Delta R.T.: -0.004 min
Response: 705248
Conc: 5.27 ug/ml m



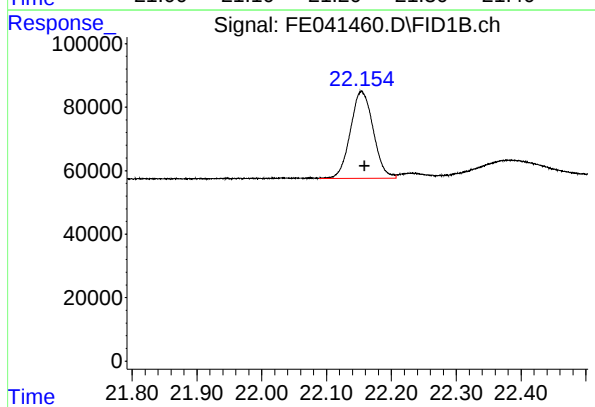
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.003 min
Response: 732000
Conc: 5.54 ug/ml

Instrument : FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: -0.005 min
Response: 669392
Conc: 5.29 ug/ml

rteres

Instrument :

FID_E

LabSampleId :

5 PPM ALIPHATIC HC STD5

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/21/2023

Supervised By :Ankita Jodhani 04/21/2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123
Data File : FE041460.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 19:55
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.356	3.314	3.389	BB	80897	784968	77.84%	4.421%
2	4.606	4.567	4.649	BB	82210	800958	79.43%	4.511%
3	6.308	6.269	6.346	BB	94432	883038	87.56%	4.974%
4	6.773	6.736	6.811	BB	80994	810742	80.40%	4.566%
5	7.404	7.356	7.434	BB	88062	858844	85.17%	4.837%
6	8.601	8.540	8.629	BB	77627	803882	79.72%	4.528%
7	10.208	10.117	10.260	BB	79798	853397	84.63%	4.807%
8	11.652	11.599	11.687	BB	75351	875757	86.84%	4.933%
9	11.970	11.903	12.008	BB	92654	1008438	100.00%	5.680%
10	12.962	12.920	13.023	BB	73053	862696	85.55%	4.859%
11	13.406	13.362	13.441	BV	65354	752185	74.59%	4.237%
12	13.574	13.532	13.615	BB	73342	852239	84.51%	4.800%
13	14.160	14.118	14.201	BB	71915	848604	84.15%	4.780%
14	15.263	15.177	15.312	BB	65892	864982	85.77%	4.872%
15	16.284	16.236	16.338	BB	64049	839589	83.26%	4.729%
16	17.232	17.152	17.270	BB	61162	817992	81.11%	4.607%
17	18.118	18.071	18.155	BB	59737	807994	80.12%	4.551%
18	18.952	18.898	19.006	BV	56855	788055	78.15%	4.439%
19	19.733	19.561	19.778	BB	54491	753245	74.69%	4.243%
20	20.472	20.296	20.509	BV	49481	708205	70.23%	3.989%
21	21.222	21.160	21.472	BB	39619	509492	50.52%	2.870%
22	22.154	22.088	22.207	BV	27299	669392	66.38%	3.770%
Sum of corrected areas:						17754693		

Aliphatic EPH 042123.M Fri Apr 21 05:15:22 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041461.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 20:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 21 04:33:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:32:36 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.972	3791903	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.408	2860213	20.247 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.355	2985990	20.313 ug/ml
2) T n-Decane (C10)	4.606	3047307	20.318 ug/ml
3) T A~Naphthalene (C11.7)	6.308	3358906	20.297 ug/ml
4) T n-Dodecane (C12)	6.774	3089191	20.318 ug/ml
5) T A~2-methylnaphthalene...	7.404	3275584	20.314 ug/ml
6) T n-Tetradecane (C14)	8.602	3091701	20.353 ug/ml
7) T n-Hexadecane (C16)	10.210	3237963	20.290 ug/ml
8) T n-Octadecane (C18)	11.654	3326921	20.297 ug/ml
10) T n-Eicosane (C20)	12.963	3254893	20.236 ug/ml
11) T n-Heneicosane (C21)	13.575	3227132	20.249 ug/ml
13) T n-Docosane (C22)	14.162	3227481	20.257 ug/ml
14) T n-Tetracosane (C24)	15.265	3246302	20.136 ug/ml
15) T n-Hexacosane (C26)	16.285	3191239	20.185 ug/ml
16) T n-Octacosane (C28)	17.234	3103807	20.171 ug/ml
17) T n-Tricontane (C30)	18.120	3076516	20.200 ug/ml
18) T n-Dotriacontane (C32)	18.953	3026146	20.313 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2845273	20.197 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2742293	20.506 ug/ml
21) T n-Octatriacontane (C38)	21.223	2627003	19.881 ug/ml
22) T n-Tetracontane (C40)	22.158	2548657	20.130 ug/ml

(f)=RT Delta > 1/2 Window

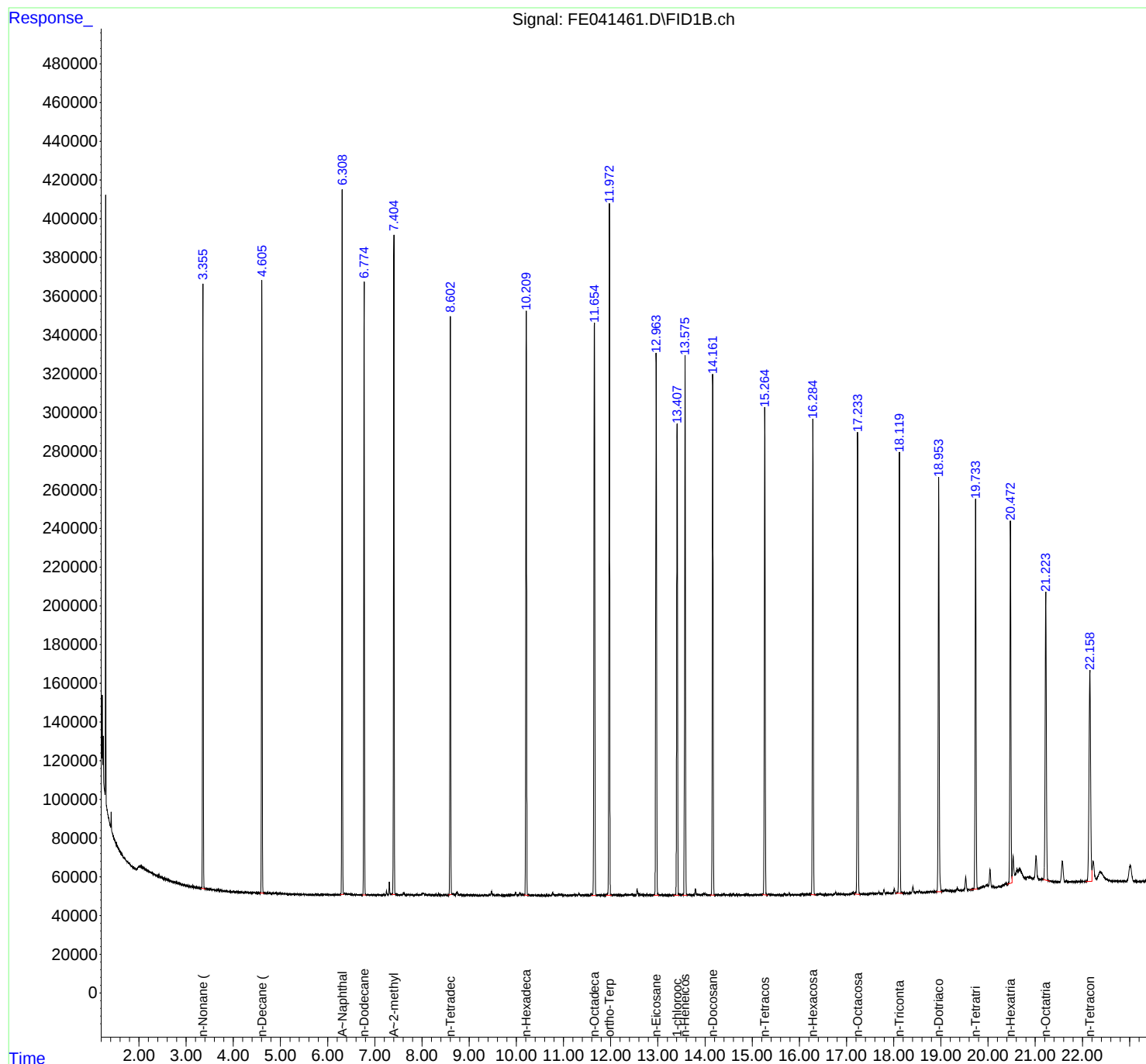
(m)=manual int.

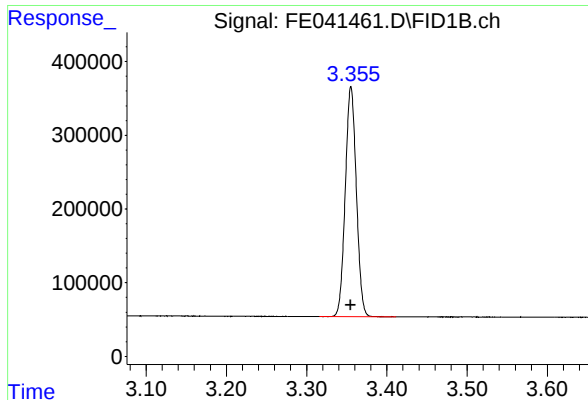
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
Data File : FE041461.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 20:25
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Apr 21 04:33:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 04:32:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

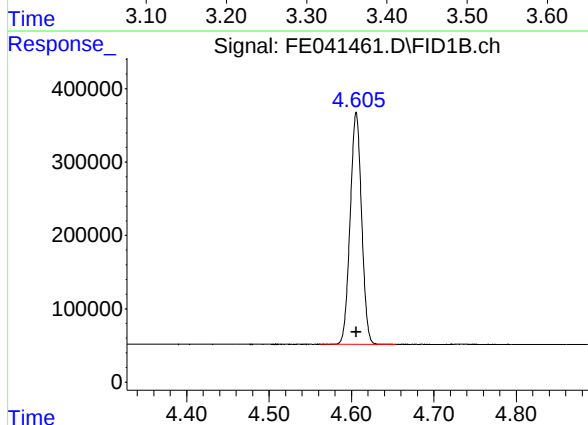
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 2985990
Conc: 20.31 ug/ml

Instrument :

FID_E

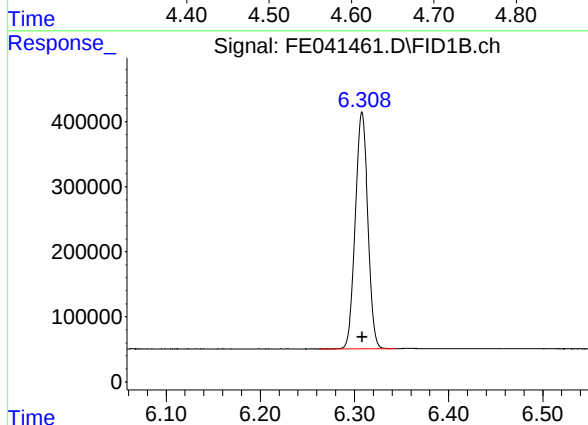
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



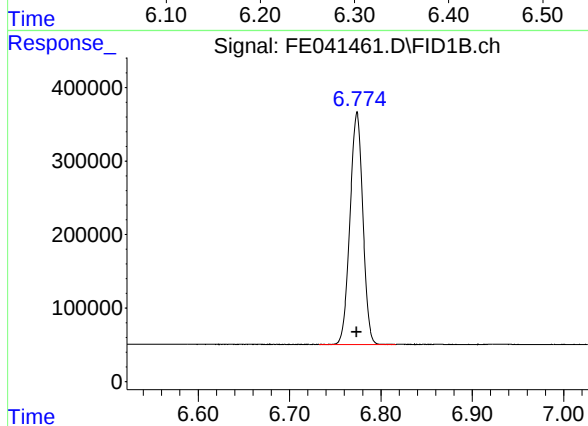
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 3047307
Conc: 20.32 ug/ml



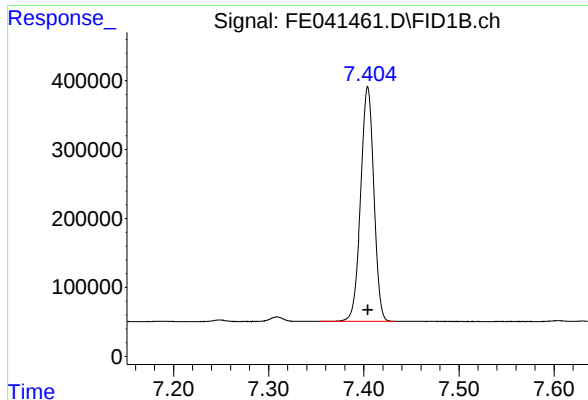
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 3358906
Conc: 20.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 3089191
Conc: 20.32 ug/ml



#5 A~2-methylnaphthalene (C12.89)

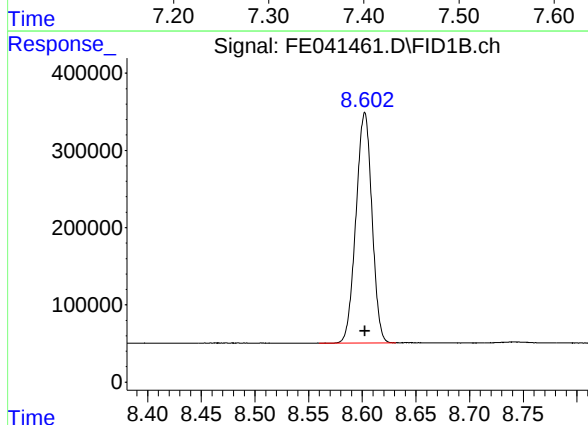
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3275584
Conc: 20.31 ug/ml

Instrument :

FID_E

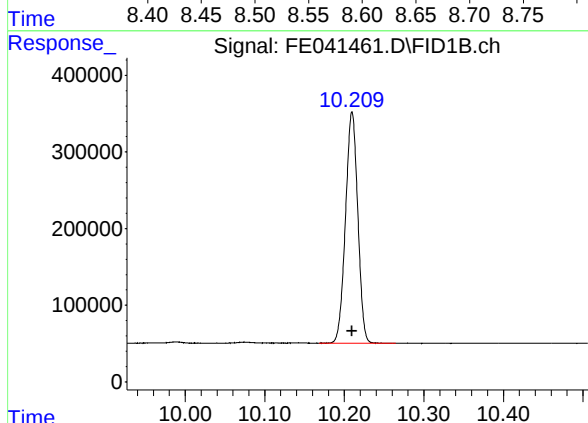
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



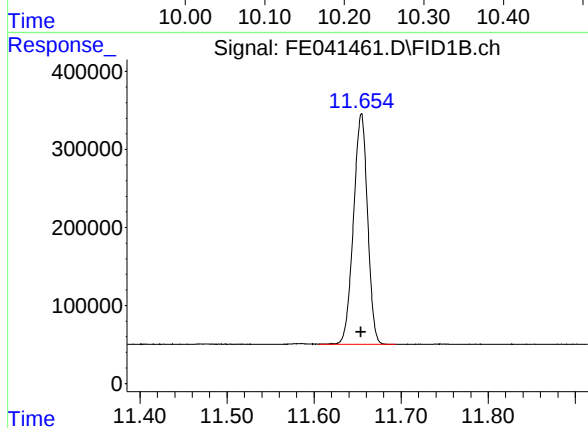
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 3091701
Conc: 20.35 ug/ml



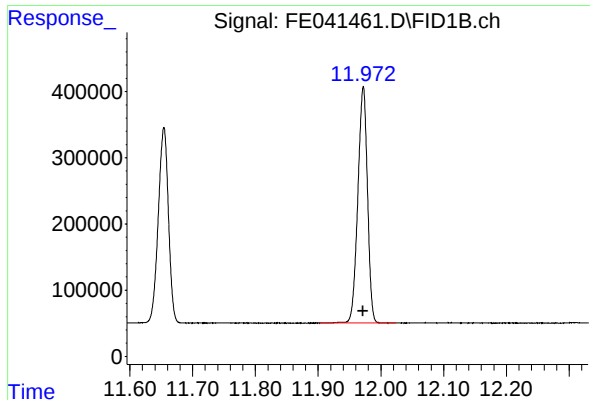
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 3237963
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 3326921
Conc: 20.30 ug/ml



#9 ortho-Terphenyl (SURR)

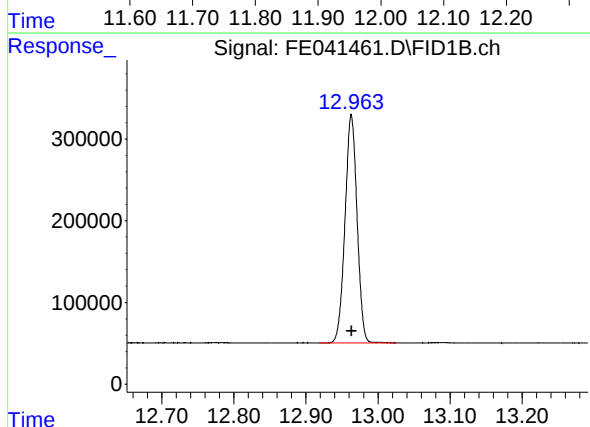
R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 3791903
Conc: 20.21 ug/ml

Instrument :

FID_E

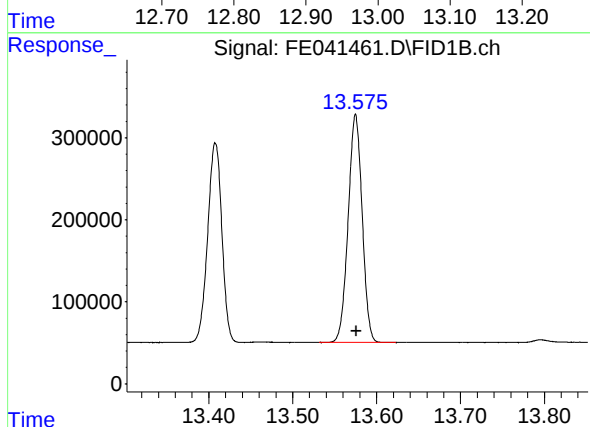
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



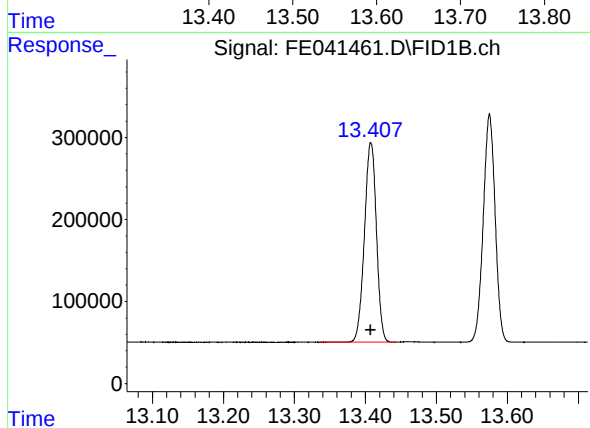
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 3254893
Conc: 20.24 ug/ml



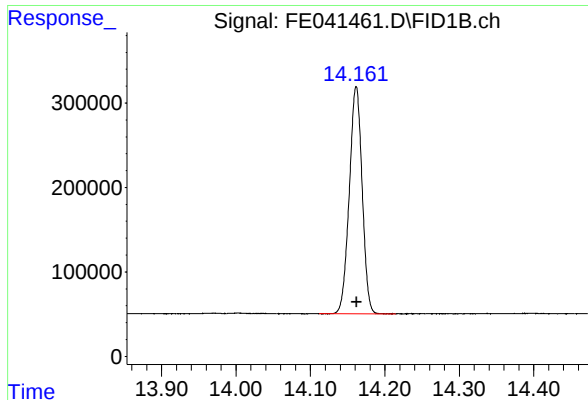
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 3227132
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2860213
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

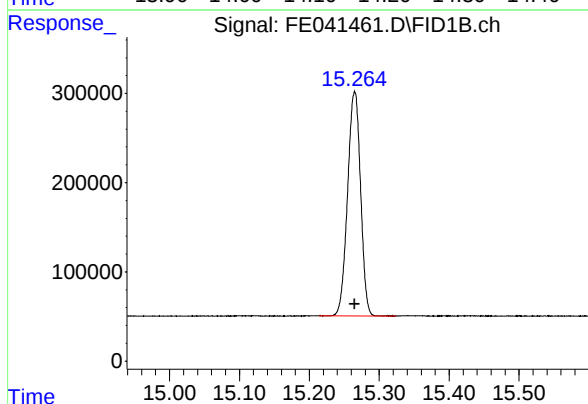
R.T.: 14.162 min
Delta R.T.: 0.000 min
Response: 3227481
Conc: 20.26 ug/ml

Instrument :

FID_E

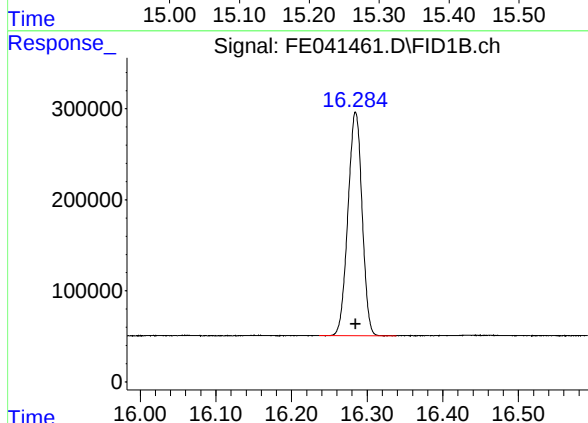
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



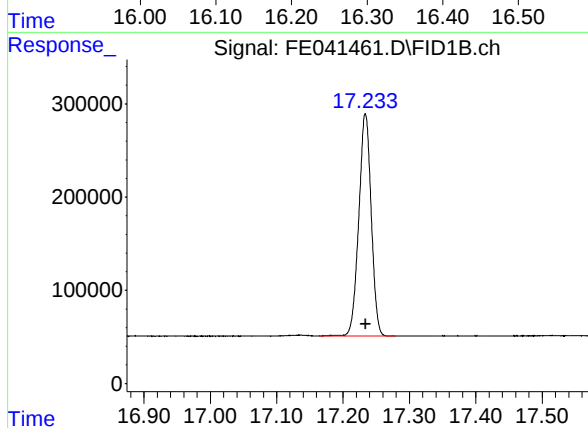
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 3246302
Conc: 20.14 ug/ml



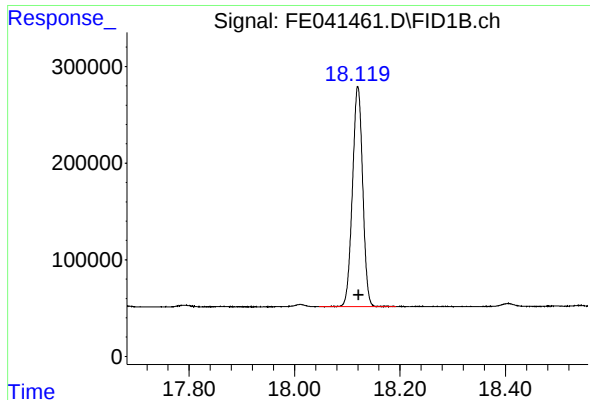
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.000 min
Response: 3191239
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 3103807
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

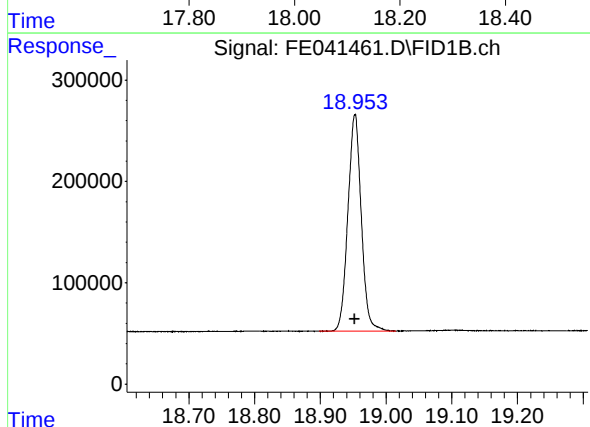
R.T.: 18.120 min
Delta R.T.: -0.001 min
Response: 3076516
Conc: 20.20 ug/ml

Instrument :

FID_E

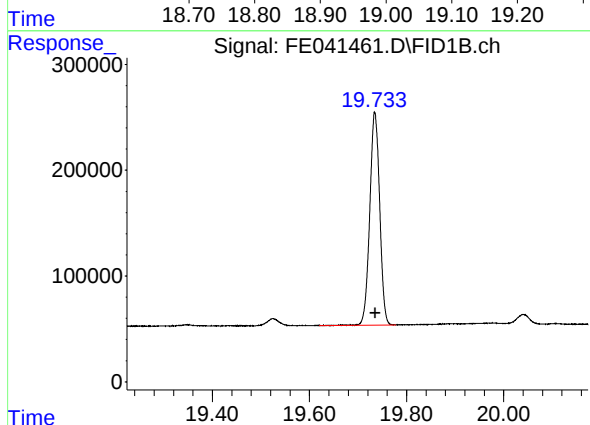
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



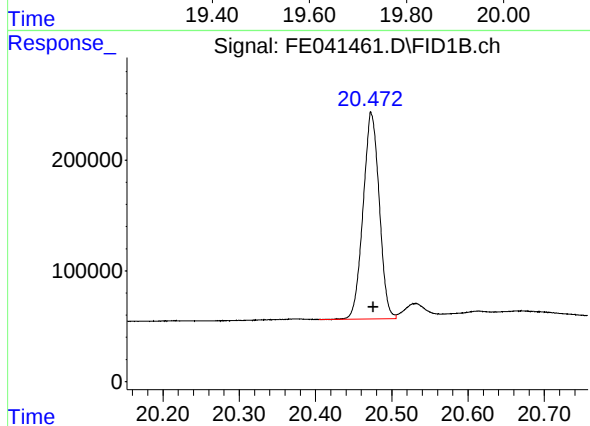
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 3026146
Conc: 20.31 ug/ml



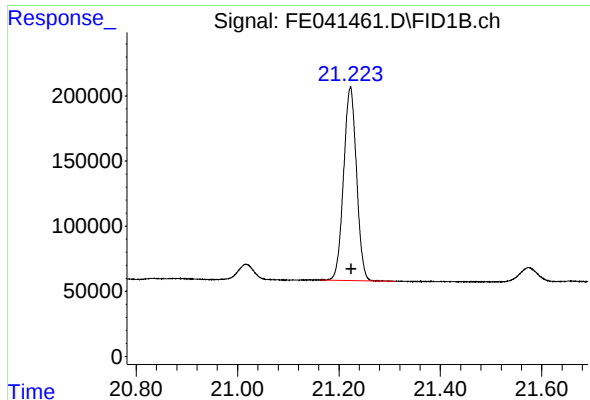
#19 n-Tetatriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.001 min
Response: 2845273
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: -0.003 min
Response: 2742293
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

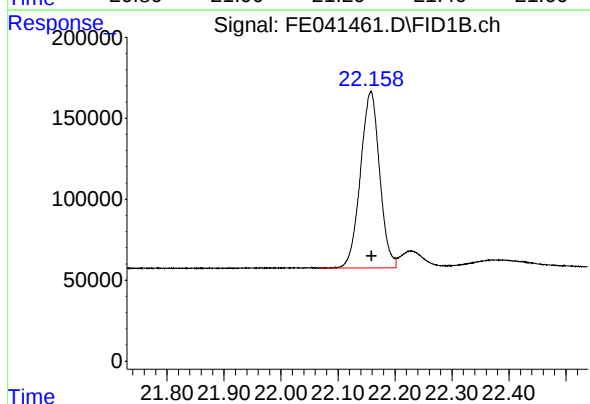
R.T.: 21.223 min
Delta R.T.: -0.002 min
Response: 2627003
Conc: 19.88 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: 0.000 min
Response: 2548657
Conc: 20.13 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041461.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 20:25
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.355	3.316	3.411	BB	312358	2985990	78.75%	4.379%
2	4.606	4.561	4.654	BB	316251	3047307	80.36%	4.469%
3	6.308	6.262	6.344	BV	364075	3358906	88.58%	4.926%
4	6.774	6.732	6.816	BB	316311	3089191	81.47%	4.531%
5	7.404	7.353	7.434	BB	340306	3275584	86.38%	4.804%
6	8.602	8.560	8.631	BV	298506	3091701	81.53%	4.534%
7	10.210	10.168	10.265	BB	301936	3237963	85.39%	4.749%
8	11.654	11.606	11.694	VB	296054	3326921	87.74%	4.879%
9	11.972	11.901	12.024	BB	357213	3791903	100.00%	5.561%
10	12.963	12.918	13.025	BB	280094	3254893	85.84%	4.774%
11	13.408	13.335	13.443	BV	242956	2860213	75.43%	4.195%
12	13.575	13.531	13.623	BB	278380	3227132	85.11%	4.733%
13	14.162	14.111	14.215	BB	269267	3227481	85.12%	4.734%
14	15.265	15.214	15.324	BB	251574	3246302	85.61%	4.761%
15	16.285	16.236	16.338	BB	245591	3191239	84.16%	4.680%
16	17.234	17.164	17.280	BB	238316	3103807	81.85%	4.552%
17	18.120	18.046	18.192	BB	227840	3076516	81.13%	4.512%
18	18.953	18.898	19.015	BV	213509	3026146	79.81%	4.438%
19	19.735	19.620	19.778	BB	200679	2845273	75.04%	4.173%
20	20.473	20.405	20.506	BV	185997	2742293	72.32%	4.022%
21	21.223	21.161	21.312	BB	149143	2627003	69.28%	3.853%
22	22.158	22.067	22.202	BV	109188	2548657	67.21%	3.738%
Sum of corrected areas:							68182419	

Aliphatic EPH 042123.M Fri Apr 21 05:15:57 2023