

LAB CHRONICLE

OrderID:	P4495	OrderDate:	10/23/2024 10:29:00 AM
Client:	Chemtech Consulting Group	Project:	NJ Soil PT
Contact:	QA Officer	Location:	QA Office, VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4495-14	PT-DIES-SOIL	SOIL	Diesel Range Organics	8015D	10/21/24	10/24/24	10/25/24	10/23/24
P4495-15	PT-GAS-SOIL	SOIL	Gasoline Range Organics	8015D	10/21/24		10/30/24	10/23/24
P4495-16	PT-NJEPH-SOIL	Solid	EPH	NJEPH	10/21/24	10/25/24	10/28/24	10/23/24
			EPH	NJEPH		10/25/24	10/29/24	
			EPH	NJEPH		10/25/24	10/28/24	
P4495-16DL 2	PT-NJEPH-SOILDL2	Solid	EPH	NJEPH	10/21/24	10/25/24	10/28/24	10/23/24
P4495-17	PT-HERB-SOIL	SOIL	Herbicide Group1	8151A	10/21/24	11/14/24	11/25/24	10/23/24
P4495-17RE	PT-HERB-SOILRE	SOIL	Herbicide Group1	8151A	10/21/24	11/14/24	11/25/24	10/23/24
P4495-18	PT-PCB-SOIL	SOIL	PCB	8082A	10/21/24	10/25/24	10/25/24	10/23/24
P4495-18DL	PT-PCB-SOIL DL	SOIL	PCB	8082A	10/21/24	10/25/24	10/25/24	10/23/24
P4495-19	PT-PCBO-SOIL	SOIL	PCB	8082A	10/21/24	10/25/24	10/28/24	10/23/24
P4495-19DL	PT-PCBO-SOILDL	SOIL			10/21/24			10/23/24

LAB CHRONICLE

			PCB	8082A		10/25/24	10/28/24	
P4495-20	PT-PEST-SOIL	SOIL			10/21/24			10/23/24
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-20DL	PT-PEST-SOILDL	SOIL			10/21/24			10/23/24
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-20DL 2	PT-PEST-SOILDL2	SOIL			10/21/24			10/23/24
			PESTICIDE Group1	8081B		10/25/24	11/04/24	
P4495-21	PT-CHLR-SOIL	SOIL			10/21/24			10/23/24
			PESTICIDE Group2	8081B		10/25/24	10/31/24	
P4495-22	PT-TXP-SOIL	SOIL			10/21/24			10/23/24
			PESTICIDE Group3	8081B		10/25/24	10/31/24	
P4495-22DL	PT-TXP-SOILDL	SOIL			10/21/24			10/23/24
			PESTICIDE Group3	8081B		10/25/24	10/31/24	



SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	10/21/24	
Project:	NJ Soil PT		Date Received:	10/23/24	
Client Sample ID:	PT-DIES-SOIL		SDG No.:	P4495	
Lab Sample ID:	P4495-14		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	100	Decanted:
Sample Wt/Vol:	20.12	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014778.D	50	10/24/24 11:10	10/25/24 8:27	PB164381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1300000		13800	124000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.40		37 - 130	100%	SPK: 20

Comments:

U = Not Detected

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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QC SUMMARY

SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: Chemtech Consulting Group
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495

EPA SAMPLE NO.	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF014756.D	82				0
PIBLK-FF014763.D	85				0
PIBLK-FF014772.D	80				0
PIBLK-FF014775.D	99				0
PIBLK-FF014786.D	83				0
PT-DIES-SOIL	100				0
EX-5-TPH-1MS	58				0
EX-5-TPH-1MSD	53				0
PB164381BL	77				0
PB164381BS	80				0

QC LIMITS

TETRACOSANE-d50

For Water : 29-130

For Soil : 37-130

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted Out

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Chemtech Consulting Group
Lab Code: CHEM **Cas No:** P4495 **SAS No :** P4495 **SDG No:** P4495
Client SampleID : EX-5-TPH-1MS **Datafile:** FF014766.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
DRO	8478	1390000	968000	-4978%	*	68-131

SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Chemtech Consulting Group
Lab Code: CHEM **Cas No:** P4495 **SAS No :** P4495 **SDG No:** P4495
Client SampleID : EX-5-TPH-1MSD **Datafile:** FF014767.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
DRO	8484	1390000	917000	-5575%	*	68-131

MS/MSD % Recovery RPD : 11.3

SOIL DIESEL RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RI

Lab Name: Chemtech **Client:** Chemtech Consulting Group
Lab Code: CHEM **Cas No:** P4495 **SAS No :** P4495 **SDG No:** P4495
Matrix Spike - EPA Sample No : PB164381BS **Datafile:** FF014760.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
DRO	6664	0	6639	100	68-131

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164381BL

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM Case No.: P4495

SAS No.: P4495 SDG NO.: P4495

Lab File ID: FF014759.D

Lab Sample ID: PB164381BL

Instrument ID: FF

Date Extracted: 10/24/2024

Matrix: (soil/water) Soil

Date Analyzed: 10/24/24

Level: (low/med) low

Time Analyzed: 14:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164381BS	PB164381BS	FF014760.D	10/24/24
EX-5-TPH-1MS	P4518-01MS	FF014766.D	10/24/24
EX-5-TPH-1MSD	P4518-01MSD	FF014767.D	10/24/24
PT-DIES-SOIL	P4495-14	FF014778.D	10/25/24

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:		
Project:	NJ Soil PT		Date Received:		
Client Sample ID:	PB164381BL		SDG No.:	P4495	
Lab Sample ID:	PB164381BL		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014759.D	1	10/24/24 11:10	10/24/24 14:33	PB164381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	185	U	185	1670	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	15.5		37 - 130	77%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	10/24/24	
Project:	NJ Soil PT		Date Received:	10/24/24	
Client Sample ID:	PIBLK-FF014756.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-FF014756.D		Matrix:	Water	
Analytical Method:			% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014756.D	1		10/24/24	FF102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	10.0	U	10.0	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	16.3		29 - 130	82%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	10/24/24	
Project:	NJ Soil PT		Date Received:	10/24/24	
Client Sample ID:	PIBLK-FF014763.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-FF014763.D		Matrix:	Water	
Analytical Method:			% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014763.D	1		10/24/24	FF102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	10.0	U	10.0	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	17.1		29 - 130	85%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	10/24/24	
Project:	NJ Soil PT		Date Received:	10/24/24	
Client Sample ID:	PIBLK-FF014772.D		SDG No.:	P4495	
Lab Sample ID:	I.BLK-FF014772.D		Matrix:	Water	
Analytical Method:			% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014772.D	1		10/24/24	FF102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	10.0	U	10.0	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	16.1		29 - 130	80%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	NJ Soil PT	Date Received:	10/25/24
Client Sample ID:	PIBLK-FF014775.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-FF014775.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :		Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014775.D	1		10/25/24	FF102524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	10.0	U	10.0	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	19.9		29 - 130	99%	SPK: 20

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/25/24
Project:	NJ Soil PT	Date Received:	10/25/24
Client Sample ID:	PIBLK-FF014786.D	SDG No.:	P4495
Lab Sample ID:	I.BLK-FF014786.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :		Injection Volume :	
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014786.D	1		10/25/24	FF102524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
DRO	DRO	10.0	U	10.0	50.0	ug/L
SURROGATES						
16416-32-3	Tetracosane-d50	16.6		29 - 130	83%	SPK: 20

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 M = MS/MSD acceptance criteria did not meet requirements

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 B = Analyte Found in Associated Method Blank
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 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
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Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:		
Project:	NJ Soil PT		Date Received:		
Client Sample ID:	PB164381BS		SDG No.:	P4495	
Lab Sample ID:	PB164381BS		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014760.D	1	10/24/24 11:10	10/24/24 15:02	PB164381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	6640		185	1670	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	15.9		37 - 130	80%	SPK: 20

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/23/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1MS	SDG No.:	P4495
Lab Sample ID:	P4518-01MS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	78.5
Sample Wt/Vol:	30.05 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014766.D	1	10/24/24 11:10	10/24/24 19:58	PB164381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	968000	E	235	2120	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	11.5		37 - 130	58%	SPK: 20

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/23/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1MSD	SDG No.:	P4495
Lab Sample ID:	P4518-01MSD	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	78.5
Sample Wt/Vol:	30.03 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014767.D	1	10/24/24 11:10	10/24/24 20:27	PB164381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	917000	E	235	2120	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	10.7		37 - 130	53%	SPK: 20

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CALIBRATION SUMMARY

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: CHEM02
 ProjectID: NJ Soil PT
 Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495

Calibration Sequence : FF102124		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	140350994	140351	FF014706.D
500	71252825	142506	FF014707.D
200	29731497	148657	FF014708.D
100	14736133	147361	FF014709.D
50	7756416	155128	FF014710.D
AVG RF : 146801		% RSD : 3.93	AVG RT : 14.9988

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
 Data File : FF014706.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 15:19
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 21 16:33:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Mon Oct 21 16:33:03 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.004	12616850	97.686 ug/ml
Target Compounds			
1) N-OCTANE	2.043	13303881	97.457 ug/ml
2) N-DECANE	4.565	13643519	97.480 ug/ml
3) N-DODECANE	6.728	13881024	97.606 ug/ml
4) N-TETRADECANE	8.553	14019933	97.646 ug/ml
5) N-HEXADECANE	10.158	14084820	97.688 ug/ml
6) N-OCTADECANE	11.600	14358713	97.581 ug/ml
7) N-EICOSANE	12.909	14522471	97.553 ug/ml
8) N-DOCOSANE	14.105	14098837	97.674 ug/ml
10) N-TETRACOSANE	15.209	14060252	97.641 ug/ml
11) N-HEXACOSANE	16.228	13967032	97.601 ug/ml
12) N-OCTACOSANE	17.177	13714393	97.282 ug/ml
13) N-TRIACONTANE	18.063	13703234	96.955 ug/ml
14) N-DOTRIACONTANE	18.895	13274210	96.422 ug/ml
15) N-TETRATRIACONTANE	19.677	12732685	96.508 ug/ml
16) N-HEXATRIACONTANE	20.415	11728155	92.256 ug/ml
17) N-OCTATRIACONTANE	21.148	10778979	96.559 ug/ml
18) N-TETRACONTANE	22.054	9894843	96.655 ug/ml

(f)=RT Delta > 1/2 Window

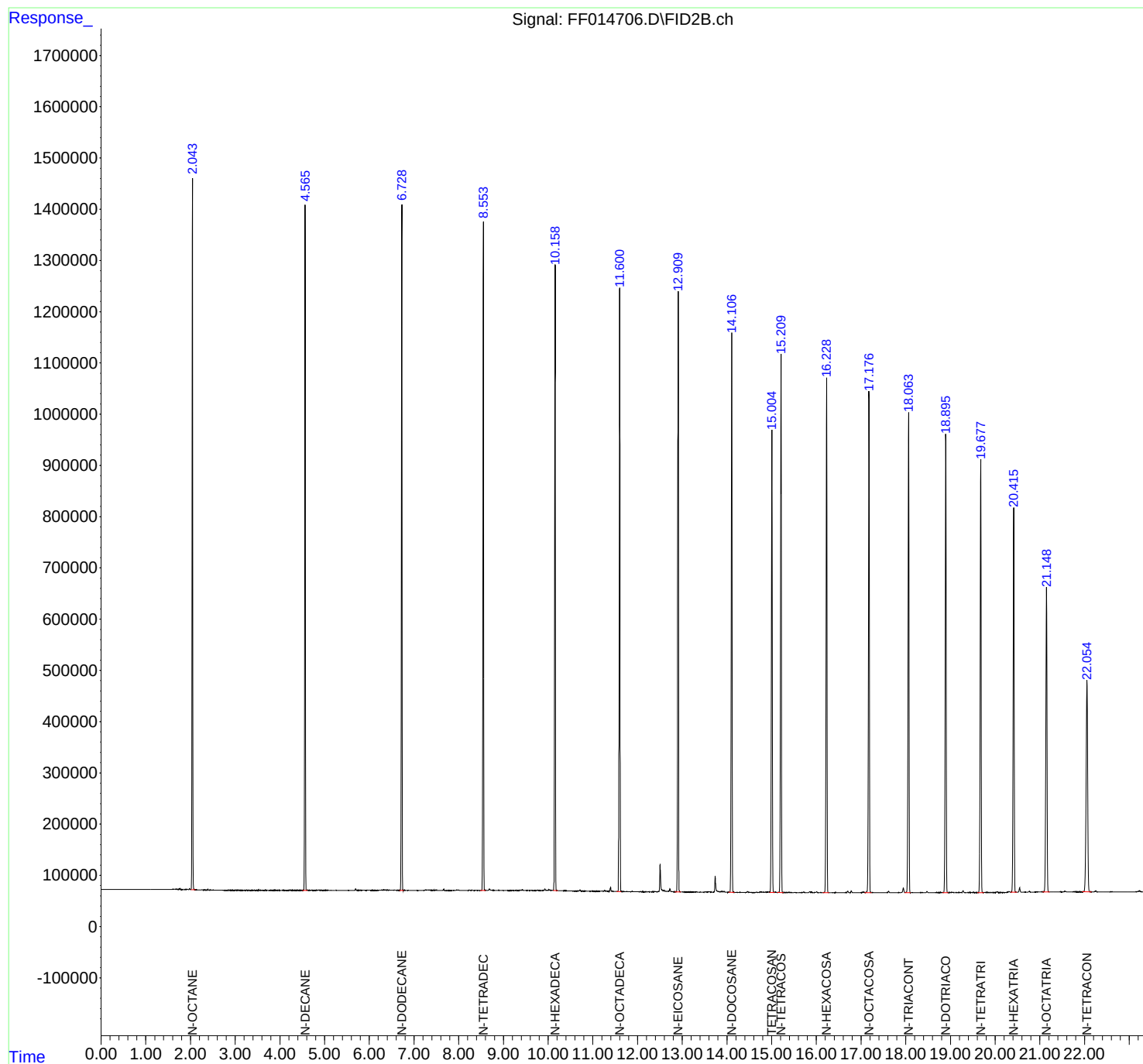
(m)=manual int.

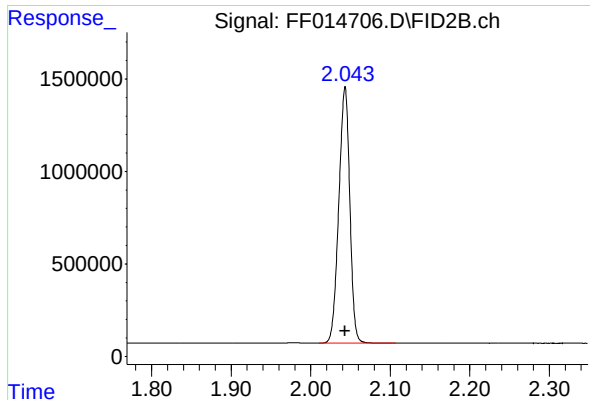
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014706.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 15:19
Operator : YP\AJ
Sample : 100 TRPH STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 TRPH STD

Integration File: autoint1.e
Quant Time: Oct 21 16:33:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Mon Oct 21 16:33:03 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

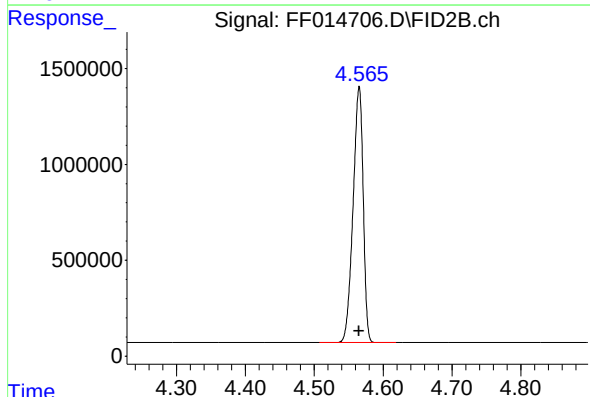




#1 N-OCTANE

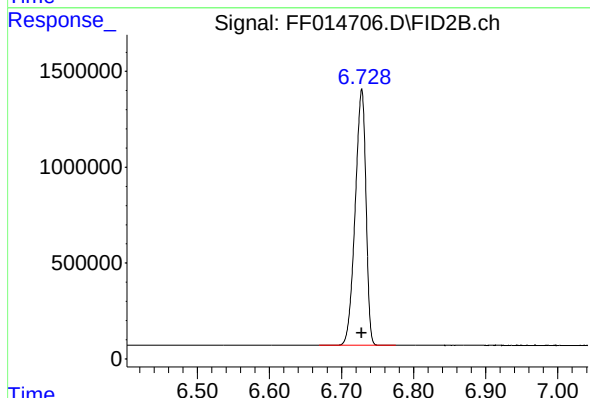
R.T.: 2.043 min
Delta R.T.: 0.000 min
Response: 13303881
Conc: 97.46 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



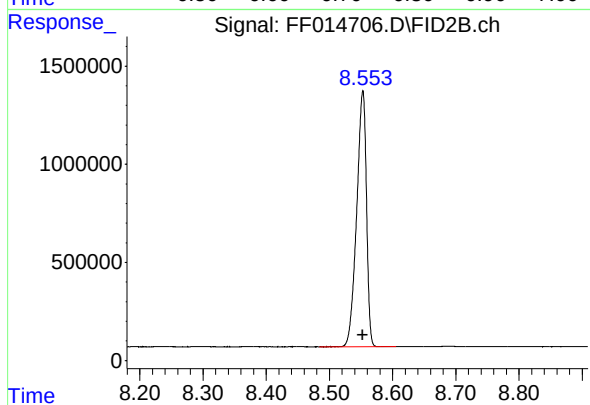
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 13643519
Conc: 97.48 ug/ml



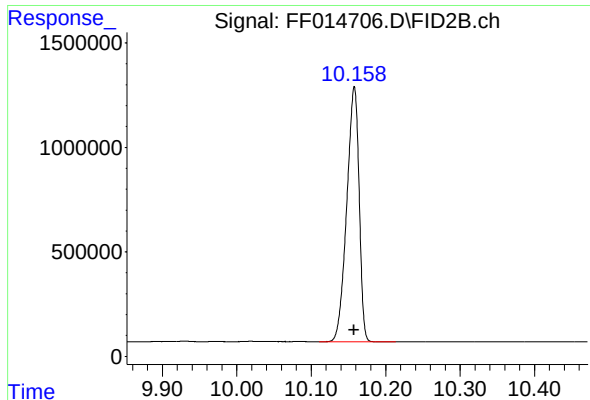
#3 N-DODECANE

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 13881024
Conc: 97.61 ug/ml



#4 N-TETRADECANE

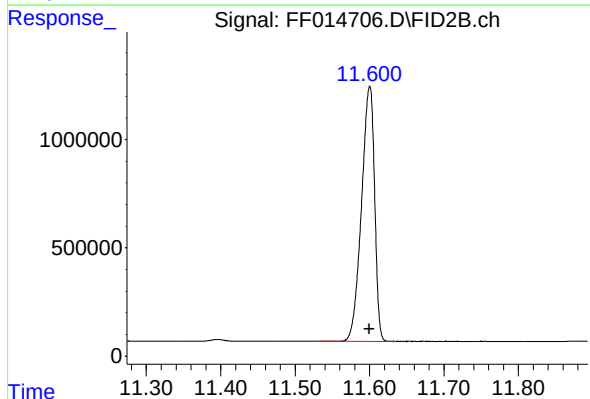
R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 14019933
Conc: 97.65 ug/ml



#5 N-HEXADECANE

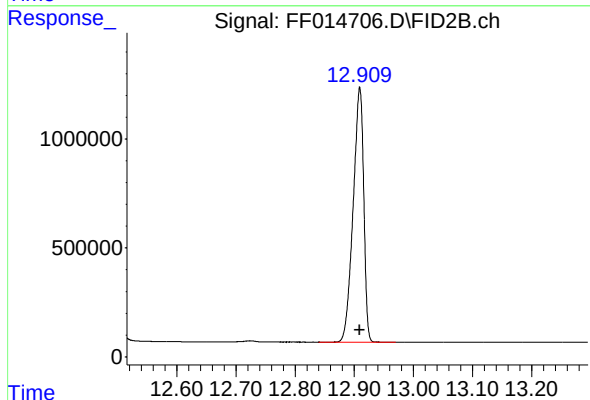
R.T.: 10.158 min
Delta R.T.: 0.000 min
Response: 14084820
Conc: 97.69 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



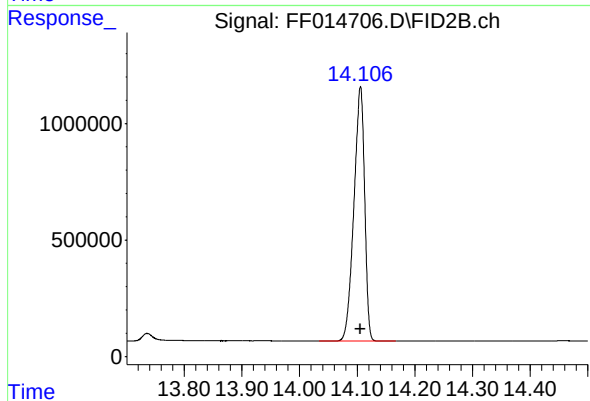
#6 N-OCTADECANE

R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 14358713
Conc: 97.58 ug/ml



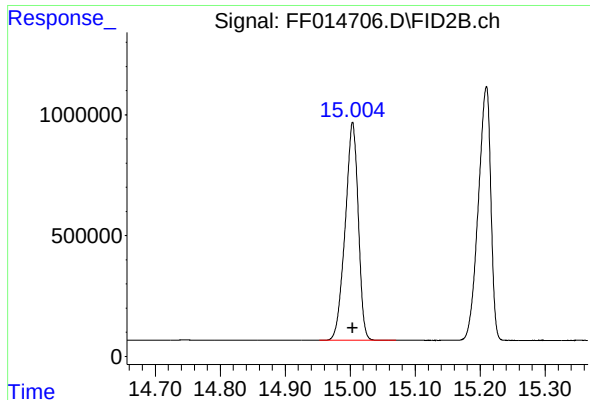
#7 N-EICOSANE

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 14522471
Conc: 97.55 ug/ml



#8 N-DOCOSANE

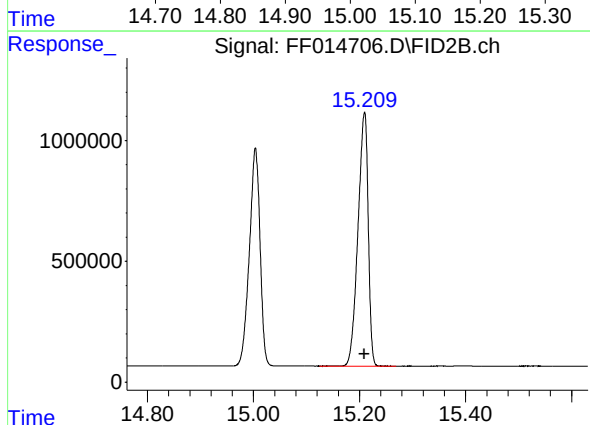
R.T.: 14.105 min
Delta R.T.: 0.000 min
Response: 14098837
Conc: 97.67 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

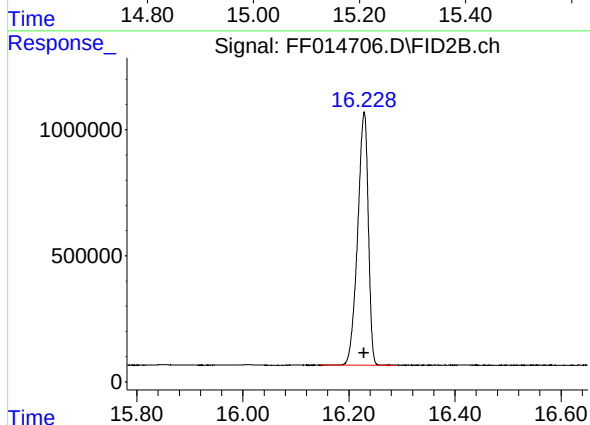
R.T.: 15.004 min
Delta R.T.: 0.000 min
Response: 12616850
Conc: 97.69 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



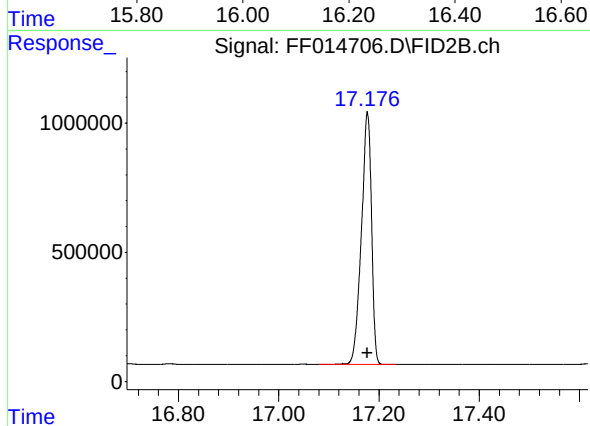
#10 N-TETRACOSANE

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 14060252
Conc: 97.64 ug/ml



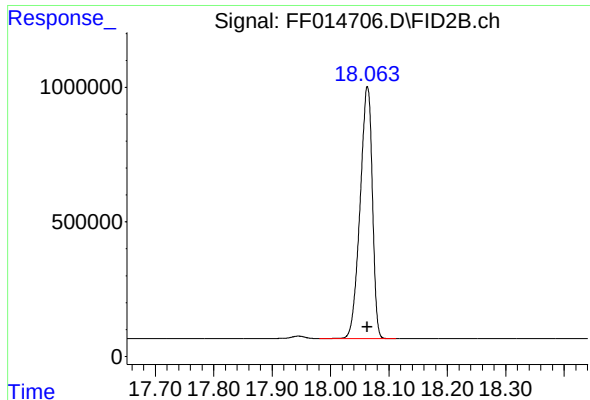
#11 N-HEXACOSANE

R.T.: 16.228 min
Delta R.T.: 0.000 min
Response: 13967032
Conc: 97.60 ug/ml



#12 N-OCTACOSANE

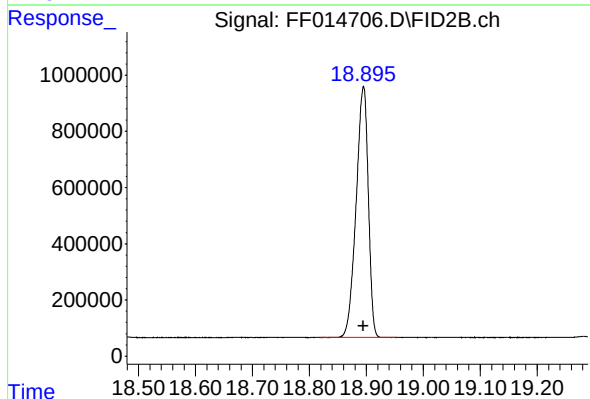
R.T.: 17.177 min
Delta R.T.: 0.000 min
Response: 13714393
Conc: 97.28 ug/ml



#13 N-TRIACONTANE

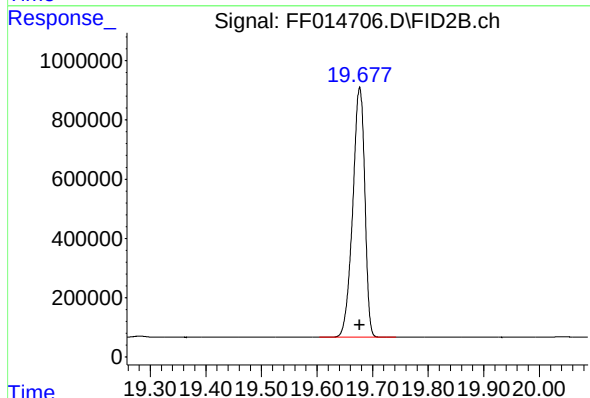
R.T.: 18.063 min
Delta R.T.: 0.000 min
Response: 13703234
Conc: 96.96 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



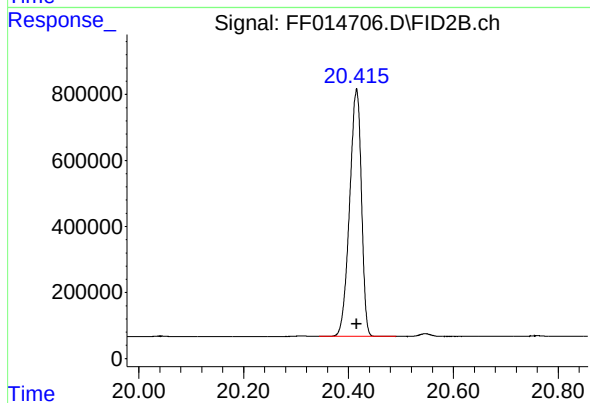
#14 N-DOTRIACONTANE

R.T.: 18.895 min
Delta R.T.: 0.000 min
Response: 13274210
Conc: 96.42 ug/ml



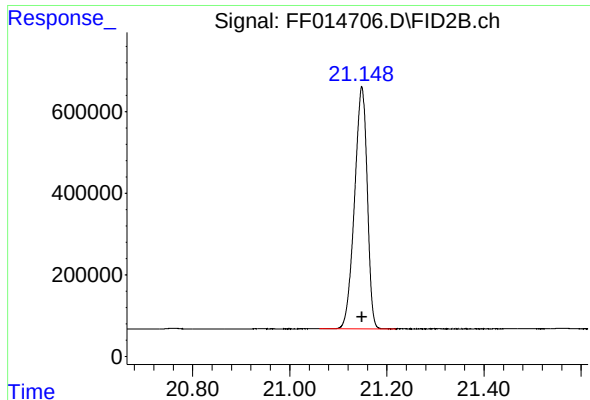
#15 N-TETRATRIACONTANE

R.T.: 19.677 min
Delta R.T.: 0.000 min
Response: 12732685
Conc: 96.51 ug/ml



#16 N-HEXATRIACONTANE

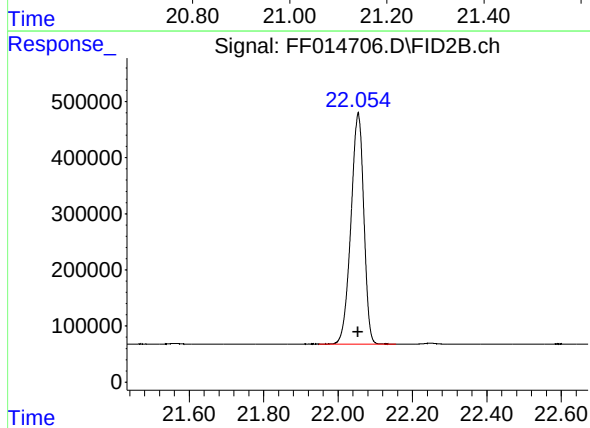
R.T.: 20.415 min
Delta R.T.: 0.000 min
Response: 11728155
Conc: 92.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.148 min
Delta R.T.: 0.000 min
Response: 10778979
Conc: 96.56 ug/ml

Instrument :
FID_F
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.054 min
Delta R.T.: 0.000 min
Response: 9894843
Conc: 96.66 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014706.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 15:19
Sample : 100 TRPH STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.043	2.010	2.107	BB	1395961	13303881	91.61%	5.581%
2	4.565	4.507	4.619	BB	1341281	13643519	93.95%	5.723%
3	6.728	6.669	6.775	BB	1330027	13881024	95.58%	5.823%
4	8.553	8.484	8.605	BB	1298555	14019933	96.54%	5.881%
5	10.158	10.110	10.214	BB	1220871	14084820	96.99%	5.908%
6	11.600	11.532	11.635	BB	1181144	14358713	98.87%	6.023%
7	12.909	12.840	12.970	BB	1171768	14522471	100.00%	6.092%
8	14.105	14.034	14.167	BB	1091851	14098837	97.08%	5.914%
9	15.004	14.952	15.070	PV	902788	12616850	86.88%	5.293%
10	15.209	15.124	15.269	BB	1048448	14060252	96.82%	5.898%
11	16.228	16.144	16.289	BB	1005857	13967032	96.18%	5.859%
12	17.177	17.080	17.234	BB	974907	13714393	94.44%	5.753%
13	18.063	17.980	18.112	VB	936741	13703234	94.36%	5.748%
14	18.895	18.817	18.952	BB	896329	13274210	91.40%	5.568%
15	19.677	19.604	19.742	BB	845219	12732685	87.68%	5.341%
16	20.415	20.344	20.490	BB	749880	11728155	80.76%	4.920%
17	21.148	21.060	21.219	BB	593991	10778979	74.22%	4.522%
18	22.054	21.949	22.155	BB	412482	9894843	68.13%	4.151%
Sum of corrected areas:						238383831		

FF102124.M Tue Oct 22 01:22:37 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
 Data File : FF014707.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 15:48
 Operator : YP\AJ
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

50 TRPH STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
 Quant Time: Oct 21 16:23:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Mon Oct 21 16:22:11 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.999	6372635	50.000 ug/ml
Target Compounds			
1) N-OCTANE	2.043	6799200	50.000 ug/ml
2) N-DECANE	4.562	6973777	50.000 ug/ml
3) N-DODECANE	6.725	7075054	50.000 ug/ml
4) N-TETRADECANE	8.548	7134727	50.000 ug/ml
5) N-HEXADECANE	10.154	7147932	50.000 ug/ml
6) N-OCTADECANE	11.596	7284916	50.000 ug/ml
7) N-EICOSANE	12.904	7361127	50.000 ug/ml
8) N-DOCOSANE	14.101	7131319	50.000 ug/ml
10) N-TETRACOSANE	15.203	7111018	50.000 ug/ml
11) N-HEXACOSANE	16.223	7063296	50.000 ug/ml
12) N-OCTACOSANE	17.172	6969659	50.000 ug/ml
13) N-TRIACONTANE	18.060	6976894	50.000 ug/ml
14) N-DOTRIACONTANE	18.891	6816042	50.000 ug/ml
15) N-TETRATRIACONTANE	19.673	6534302	50.000 ug/ml
16) N-HEXATRIACONTANE	20.412	6429445	50.000 ug/ml
17) N-OCTATRIACONTANE	21.144	5561666	50.000 ug/ml
18) N-TETRACONTANE	22.050	5164176	50.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014707.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 15:48
Operator : YP\AJ
Sample : 50 TRPH STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_F

Client Sample Id :

50 TRPH STD

Manual Integrations

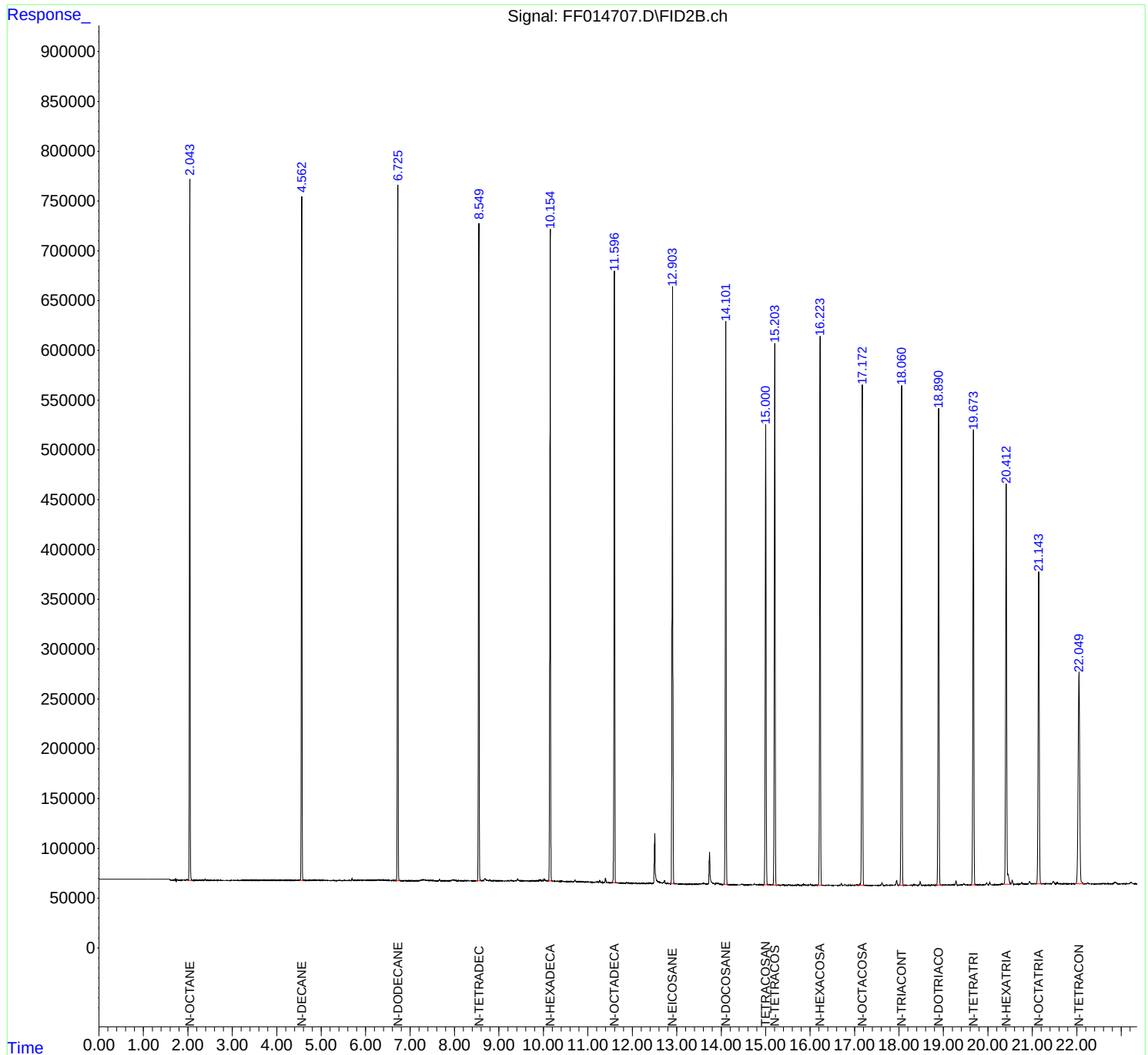
APPROVED

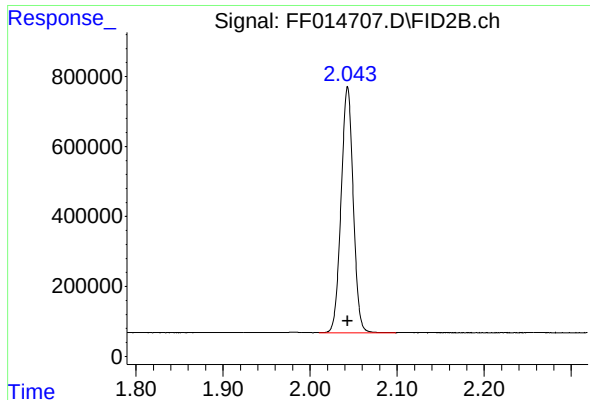
Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
Quant Time: Oct 21 16:23:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Mon Oct 21 16:22:11 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





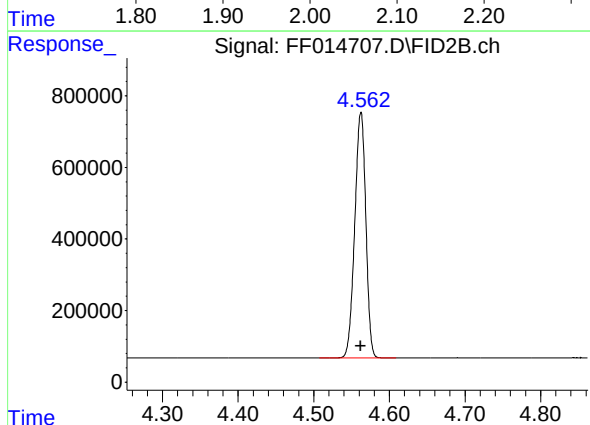
#1 N-OCTANE

R.T.: 2.043 min
Delta R.T.: 0.000 min
Response: 6799200
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD

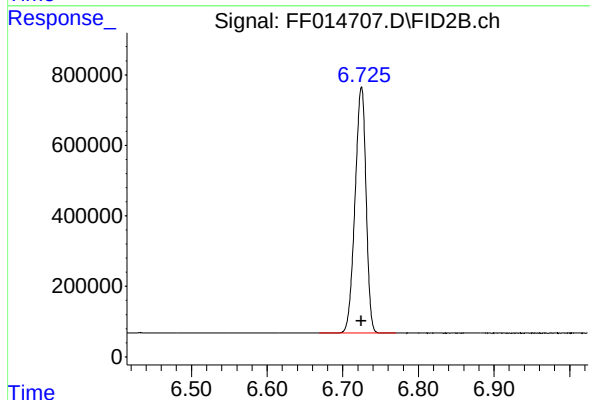
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



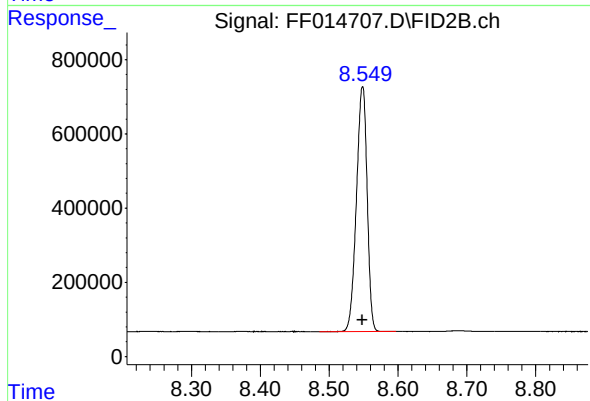
#2 N-DECANE

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 6973777
Conc: 50.00 ug/ml



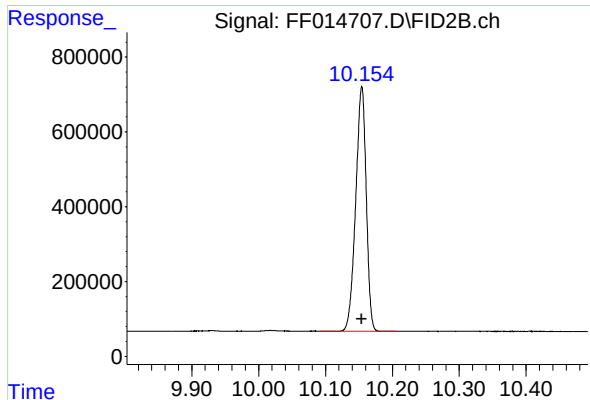
#3 N-DODECANE

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 7075054
Conc: 50.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.548 min
Delta R.T.: 0.000 min
Response: 7134727
Conc: 50.00 ug/ml



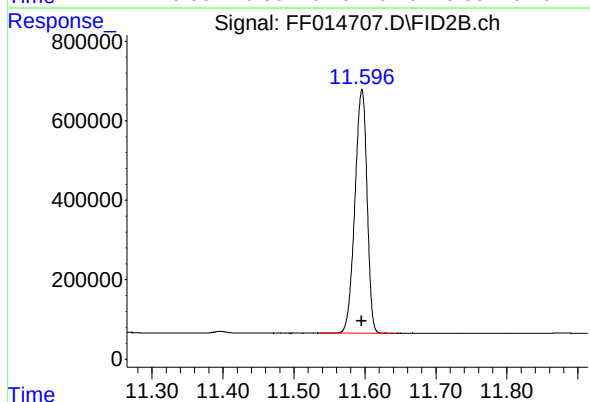
#5 N-HEXADECANE

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 7147932
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD

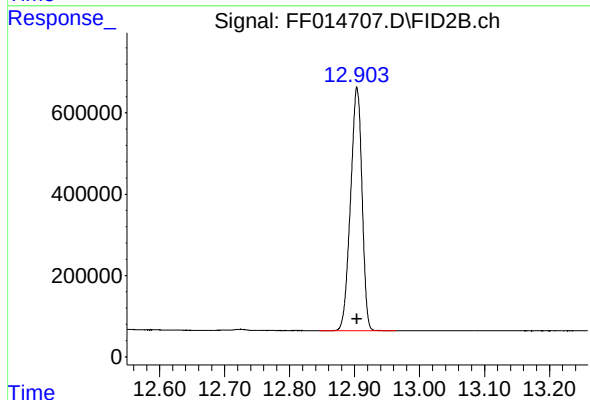
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



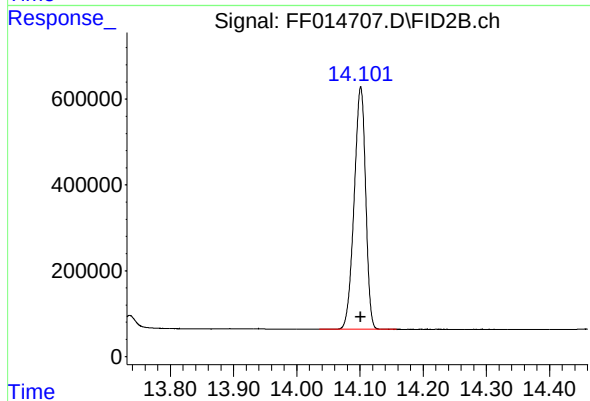
#6 N-OCTADECANE

R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 7284916
Conc: 50.00 ug/ml



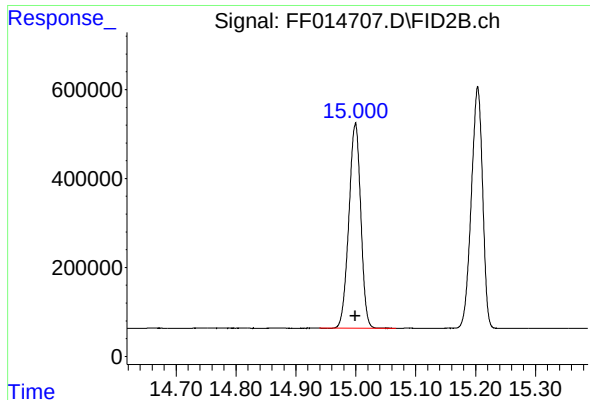
#7 N-EICOSANE

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 7361127
Conc: 50.00 ug/ml



#8 N-DOCOSANE

R.T.: 14.101 min
Delta R.T.: 0.000 min
Response: 7131319
Conc: 50.00 ug/ml



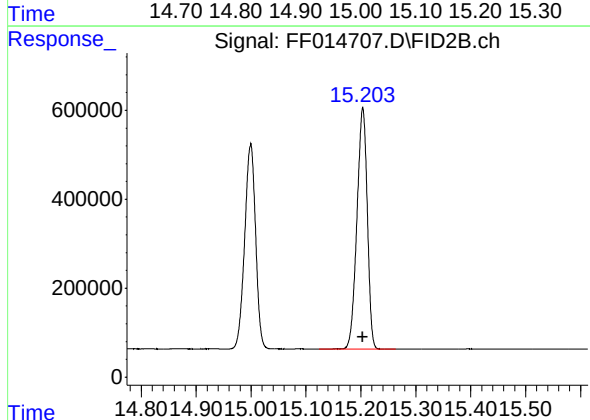
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.999 min
Delta R.T.: 0.000 min
Response: 6372635
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD

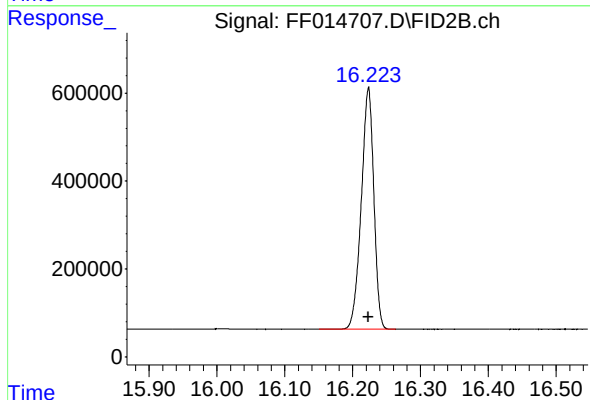
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



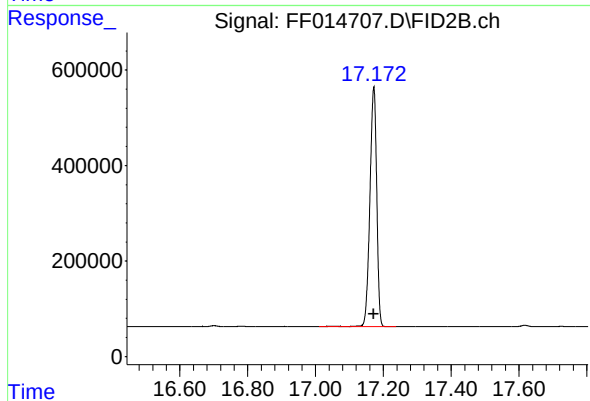
#10 N-TETRACOSANE

R.T.: 15.203 min
Delta R.T.: 0.000 min
Response: 7111018
Conc: 50.00 ug/ml



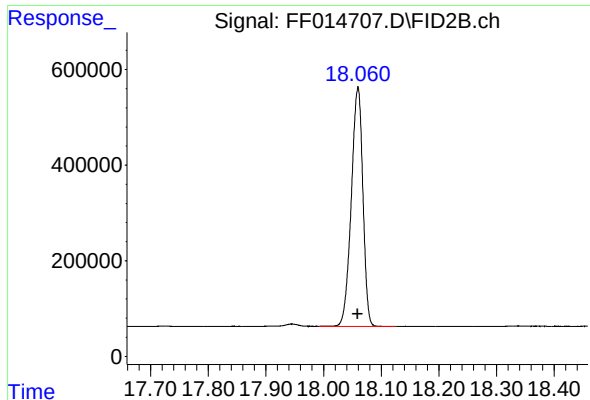
#11 N-HEXACOSANE

R.T.: 16.223 min
Delta R.T.: 0.000 min
Response: 7063296
Conc: 50.00 ug/ml



#12 N-OCTACOSANE

R.T.: 17.172 min
Delta R.T.: 0.000 min
Response: 6969659
Conc: 50.00 ug/ml



#13 N-TRIACONTANE

R.T.: 18.060 min
Delta R.T.: 0.000 min
Response: 6976894
Conc: 50.00 ug/ml

Instrument :

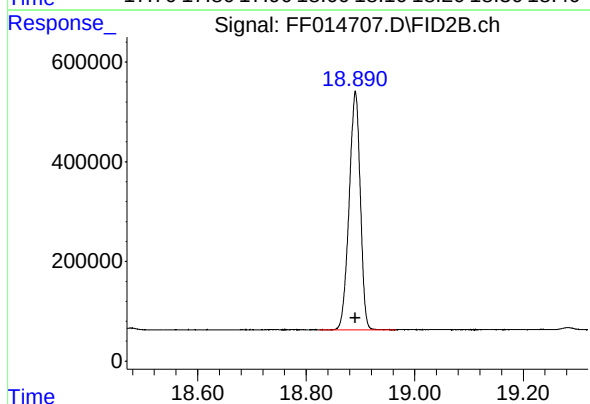
FID_F

ClientSampleId :

50 TRPH STD

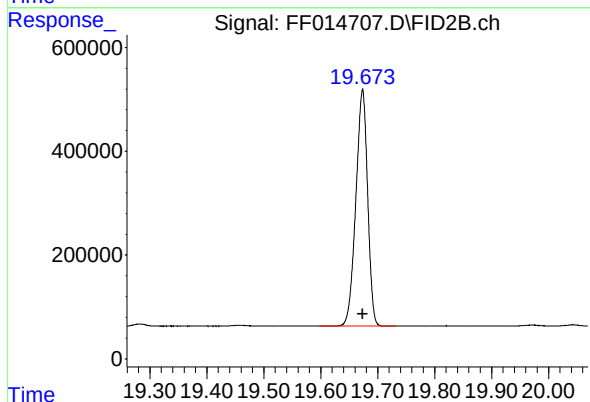
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



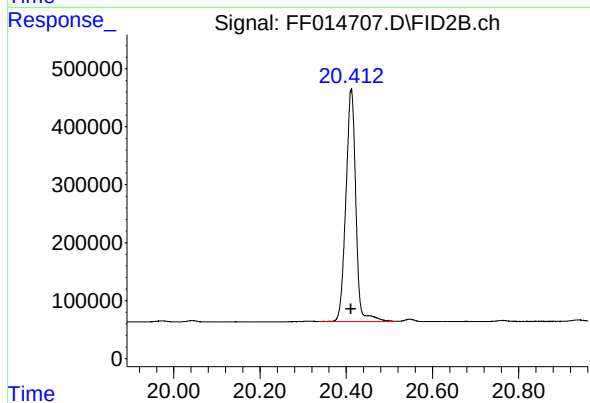
#14 N-DOTRIACONTANE

R.T.: 18.891 min
Delta R.T.: 0.000 min
Response: 6816042
Conc: 50.00 ug/ml



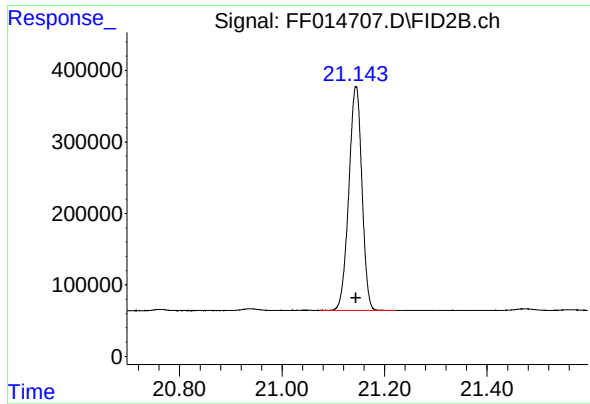
#15 N-TETRATRIACONTANE

R.T.: 19.673 min
Delta R.T.: 0.000 min
Response: 6534302
Conc: 50.00 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.412 min
Delta R.T.: 0.000 min
Response: 6429445
Conc: 50.00 ug/ml



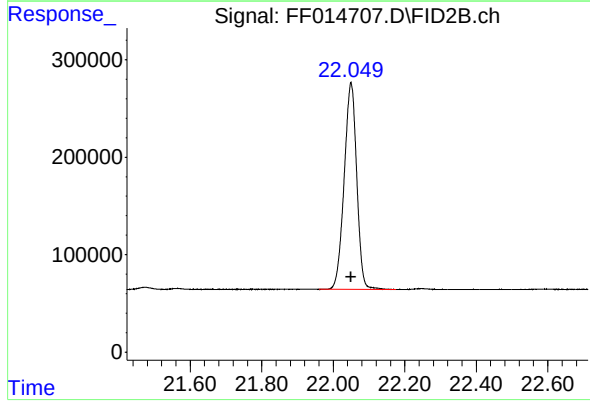
#17 N-OCTATRIACONTANE

R.T.: 21.144 min
Delta R.T.: 0.000 min
Response: 5561666
Conc: 50.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



#18 N-TETRACONTANE

R.T.: 22.050 min
Delta R.T.: 0.000 min
Response: 5164176
Conc: 50.00 ug/ml

rteres

Instrument :
FID_F
LabSampleId :
50 TRPH STD
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124.M
Data File : FF014707.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 15:48
Sample : 50 TRPH STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.043	2.010	2.099	BB	704590	6799200	92.37%	5.577%
2	4.562	4.507	4.609	BB	686087	6973777	94.74%	5.721%
3	6.725	6.669	6.770	BB	696934	7075054	96.11%	5.804%
4	8.548	8.485	8.597	BB	661699	7134727	96.92%	5.853%
5	10.154	10.090	10.205	BB	653362	7147932	97.10%	5.863%
6	11.596	11.535	11.644	BB	613094	7284916	98.96%	5.976%
7	12.904	12.845	12.964	BB	598410	7361127	100.00%	6.038%
8	14.101	14.035	14.157	BB	564415	7131319	96.88%	5.850%
9	14.999	14.939	15.067	BV	458792	6372635	86.57%	5.227%
10	15.203	15.124	15.264	BB	544080	7111018	96.60%	5.833%
11	16.223	16.150	16.264	BB	552356	7063296	95.95%	5.794%
12	17.172	17.010	17.237	BB	502501	6969659	94.68%	5.717%
13	18.060	17.992	18.125	BB	497945	6976894	94.78%	5.723%
14	18.891	18.824	18.965	BB	478178	6816042	92.60%	5.591%
15	19.673	19.597	19.732	BB	457889	6534302	88.77%	5.360%
16	20.412	20.337	20.515	BV	399700	6429445	87.34%	5.274%
17	21.144	21.072	21.222	BB	313305	5561666	75.55%	4.562%
18	22.050	21.960	22.175	BB	212102	5164176	70.15%	4.236%
Sum of corrected areas:						121907185		

FF102124.M Tue Oct 22 01:23:05 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
 Data File : FF014708.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 16:17
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 21 16:31:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Mon Oct 21 16:31:21 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.998	2677025	20.490 ug/ml
Target Compounds			
1) N-OCTANE	2.044	2810200	20.327 ug/ml
2) N-DECANE	4.561	2879556	20.318 ug/ml
3) N-DODECANE	6.722	2926652	20.336 ug/ml
4) N-TETRADECANE	8.546	2956910	20.355 ug/ml
5) N-HEXADECANE	10.152	2974744	20.396 ug/ml
6) N-OCTADECANE	11.593	3043101	20.434 ug/ml
7) N-EICOSANE	12.902	3083135	20.460 ug/ml
8) N-DOCOSANE	14.099	2988496	20.466 ug/ml
10) N-TETRACOSANE	15.202	2983551	20.478 ug/ml
11) N-HEXACOSANE	16.221	2967515	20.491 ug/ml
12) N-OCTACOSANE	17.170	2927837	20.490 ug/ml
13) N-TRIACONTANE	18.057	2948736	20.550 ug/ml
14) N-DOTRIACONTANE	18.889	2878855	20.544 ug/ml
15) N-TETRATRIACONTANE	19.671	2755751	20.529 ug/ml
16) N-HEXATRIACONTANE	20.410	2710131	20.524 ug/ml
17) N-OCTATRIACONTANE	21.142	2317374	20.408 ug/ml
18) N-TETRACONTANE	22.047	2097723	20.154 ug/ml

(f)=RT Delta > 1/2 Window

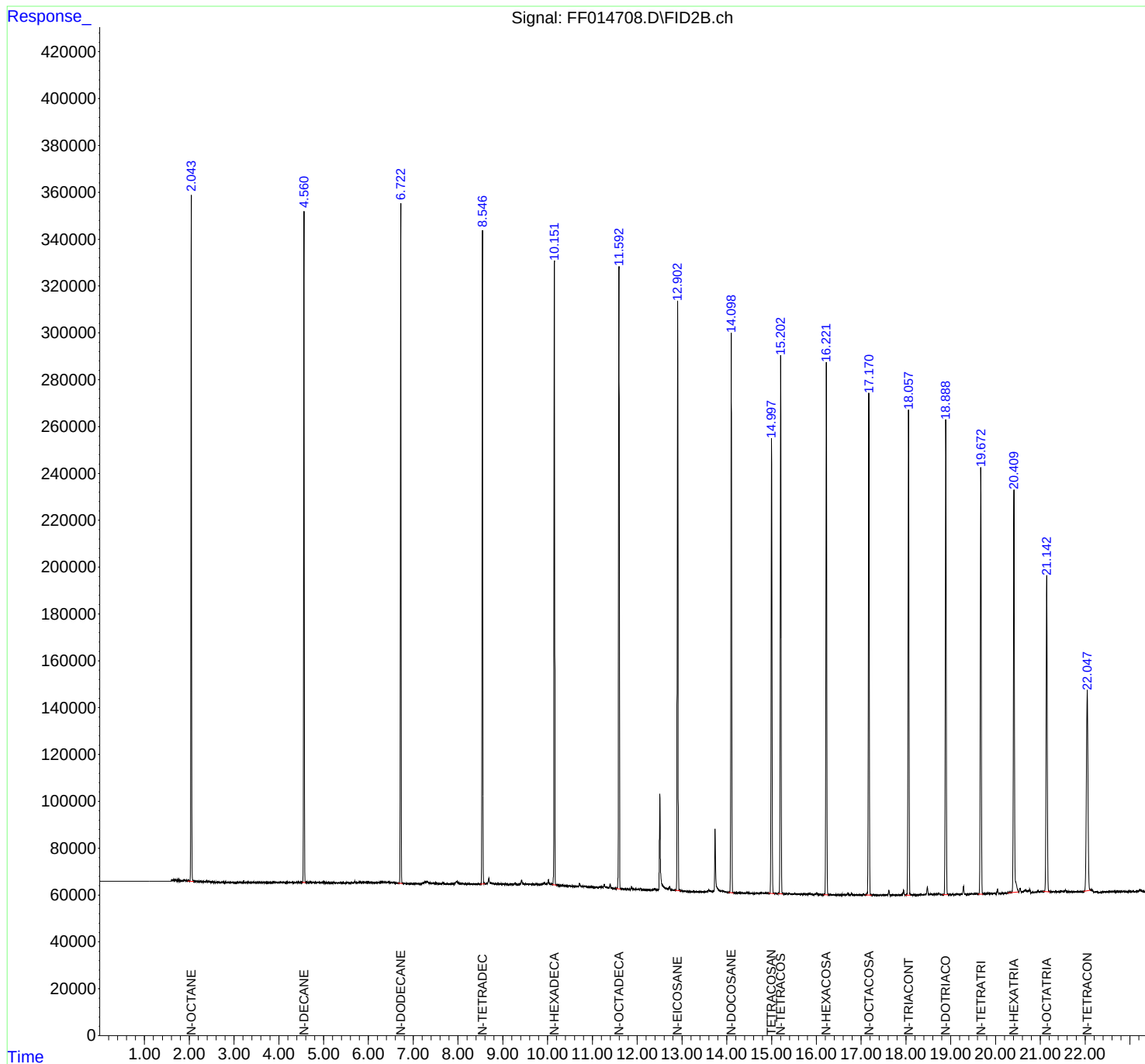
(m)=manual int.

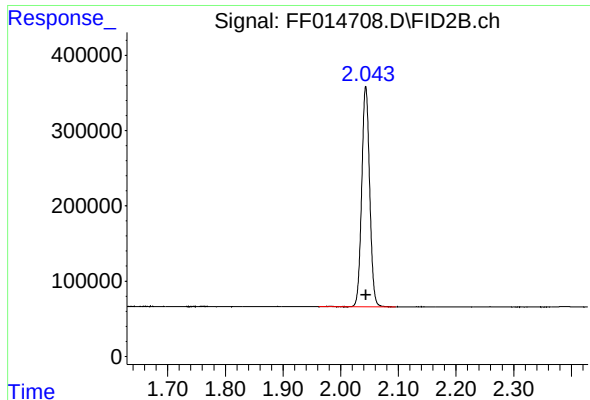
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014708.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 16:17
Operator : YP\AJ
Sample : 20 TRPH STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 TRPH STD

Integration File: autoint1.e
Quant Time: Oct 21 16:31:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Mon Oct 21 16:31:21 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

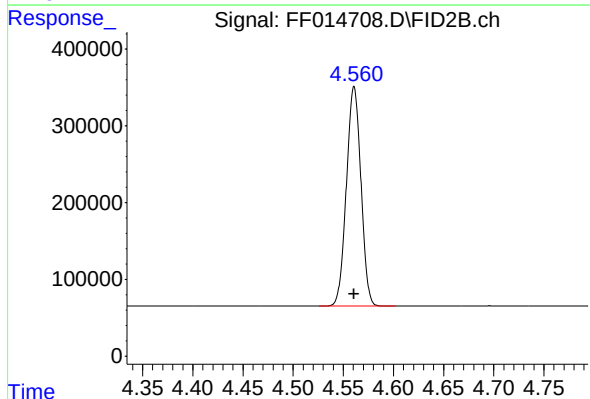




#1 N-OCTANE

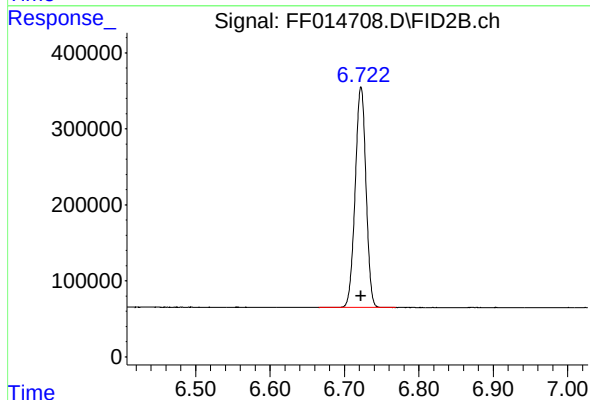
R.T.: 2.044 min
Delta R.T.: 0.000 min
Response: 2810200
Conc: 20.33 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



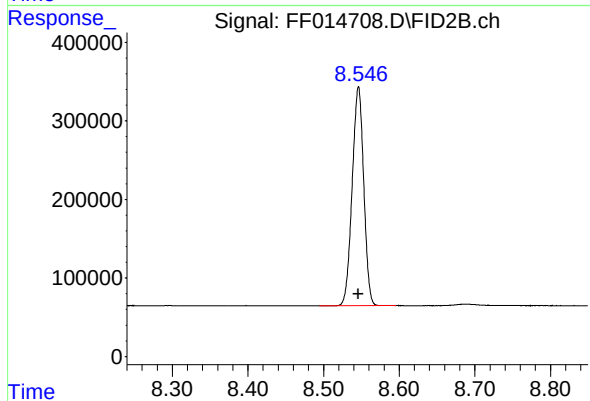
#2 N-DECANE

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 2879556
Conc: 20.32 ug/ml



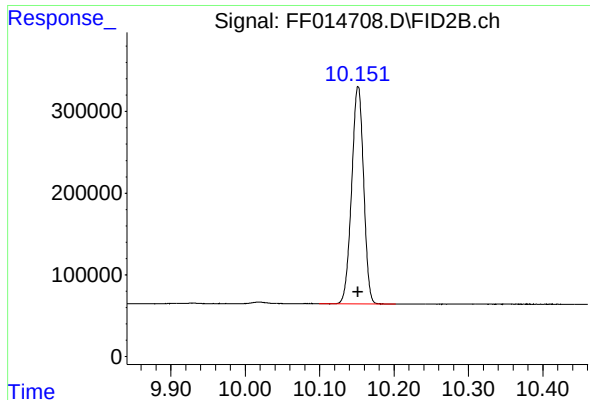
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 2926652
Conc: 20.34 ug/ml



#4 N-TETRADECANE

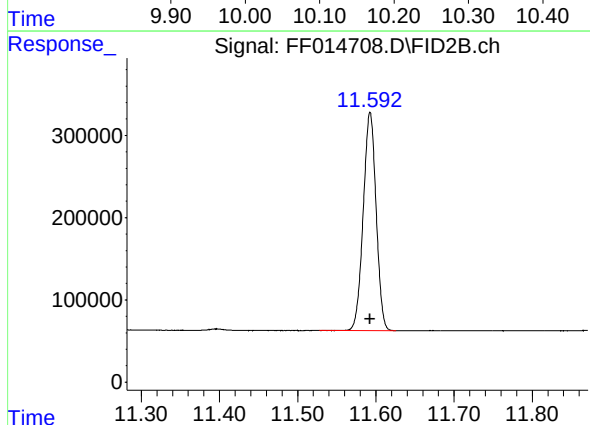
R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 2956910
Conc: 20.35 ug/ml



#5 N-HEXADECANE

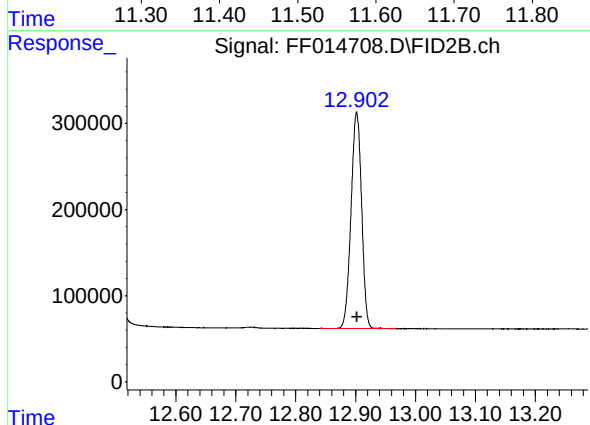
R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 2974744
Conc: 20.40 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



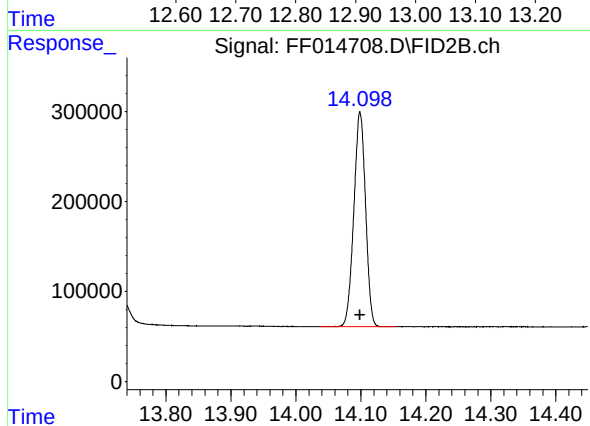
#6 N-OCTADECANE

R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 3043101
Conc: 20.43 ug/ml



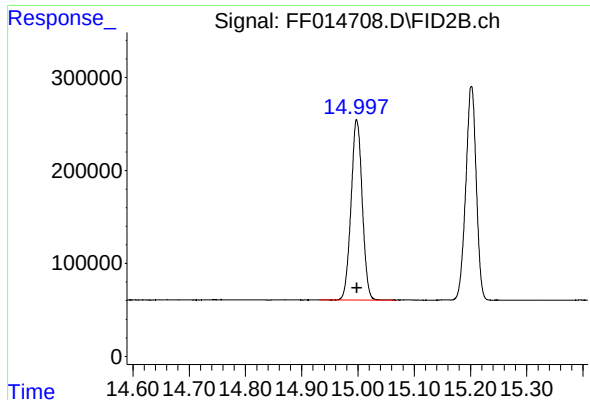
#7 N-EICOSANE

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 3083135
Conc: 20.46 ug/ml



#8 N-DOCOSANE

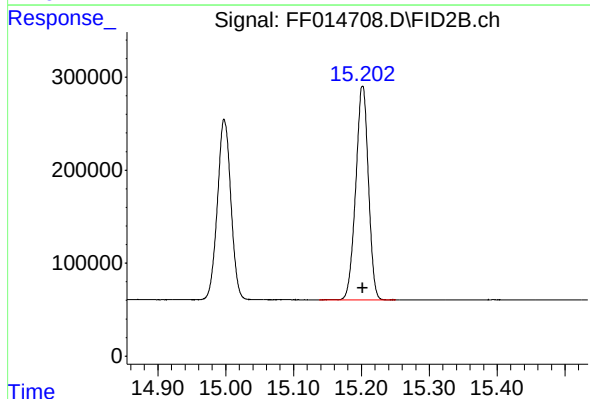
R.T.: 14.099 min
Delta R.T.: 0.000 min
Response: 2988496
Conc: 20.47 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

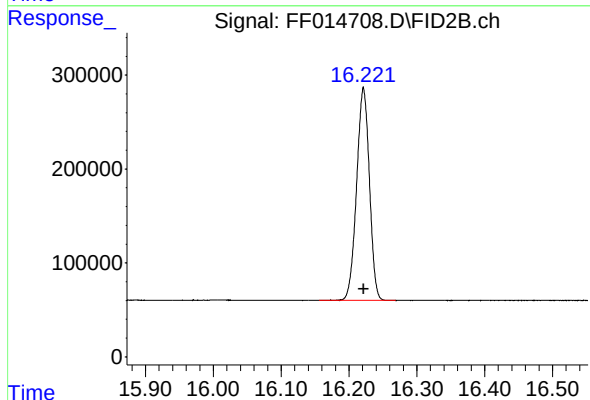
R.T.: 14.998 min
Delta R.T.: 0.000 min
Response: 2677025
Conc: 20.49 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



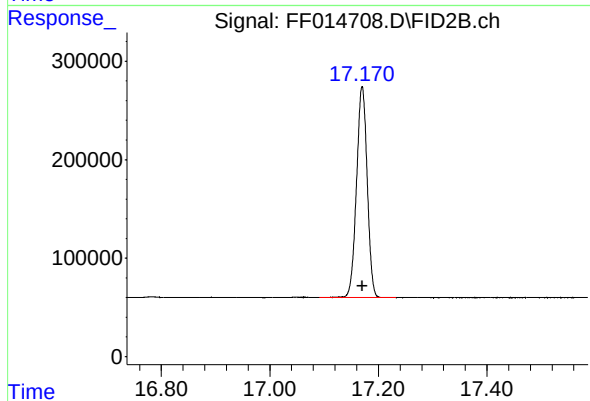
#10 N-TETRACOSANE

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 2983551
Conc: 20.48 ug/ml



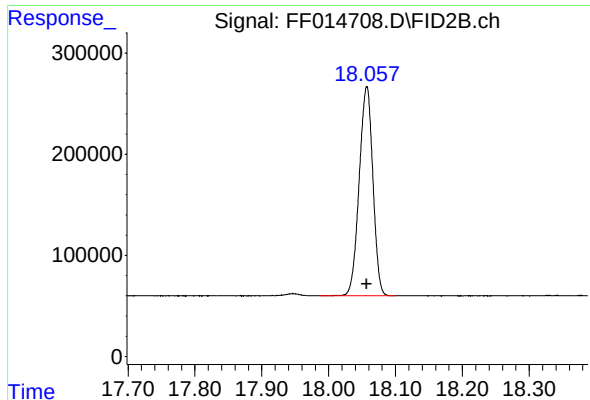
#11 N-HEXACOSANE

R.T.: 16.221 min
Delta R.T.: 0.000 min
Response: 2967515
Conc: 20.49 ug/ml



#12 N-OCTACOSANE

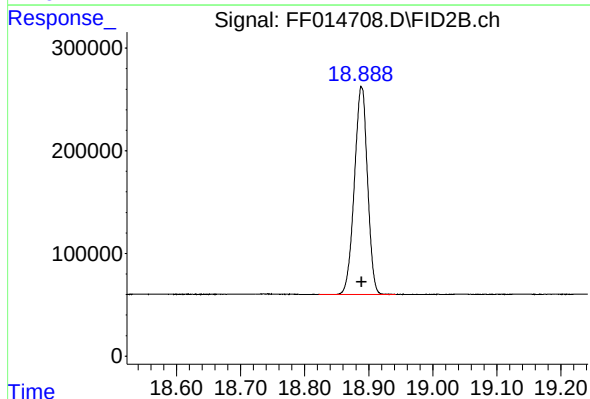
R.T.: 17.170 min
Delta R.T.: 0.000 min
Response: 2927837
Conc: 20.49 ug/ml



#13 N-TRIACONTANE

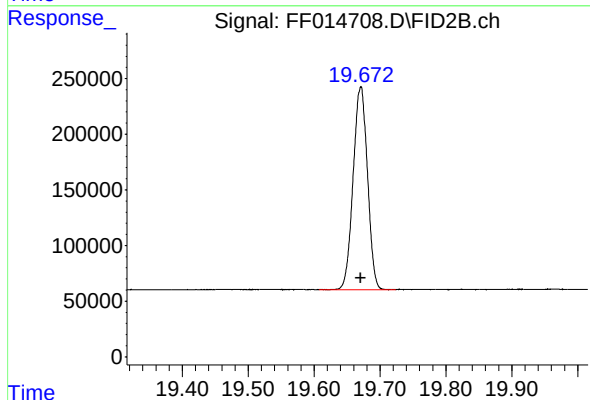
R.T.: 18.057 min
Delta R.T.: 0.000 min
Response: 2948736
Conc: 20.55 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



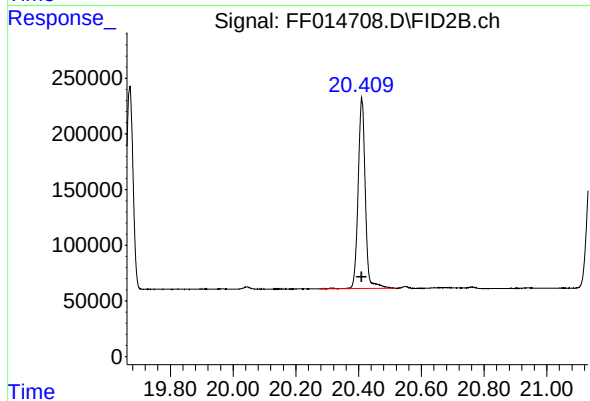
#14 N-DOTRIACONTANE

R.T.: 18.889 min
Delta R.T.: 0.000 min
Response: 2878855
Conc: 20.54 ug/ml



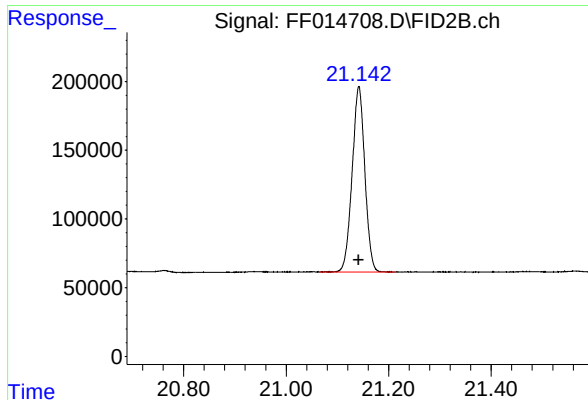
#15 N-TETRATRIACONTANE

R.T.: 19.671 min
Delta R.T.: 0.000 min
Response: 2755751
Conc: 20.53 ug/ml



#16 N-HEXATRIACONTANE

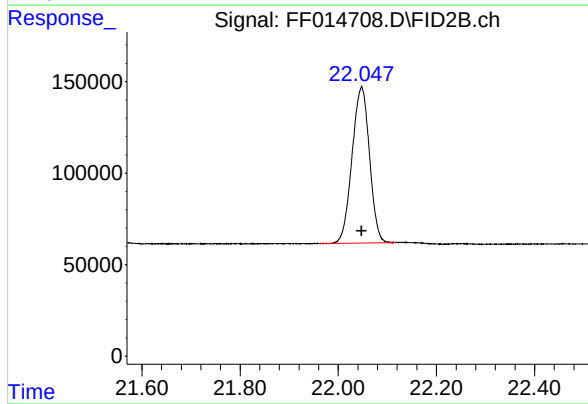
R.T.: 20.410 min
Delta R.T.: 0.000 min
Response: 2710131
Conc: 20.52 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 2317374
Conc: 20.41 ug/ml

Instrument :
FID_F
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.047 min
Delta R.T.: 0.000 min
Response: 2097723
Conc: 20.15 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014708.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 16:17
Sample : 20 TRPH STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.044	1.962	2.096	BB	292677	2810200	91.15%	5.518%
2	4.561	4.526	4.602	BB	285811	2879556	93.40%	5.654%
3	6.722	6.666	6.769	BB	290445	2926652	94.92%	5.747%
4	8.546	8.494	8.596	BB	279038	2956910	95.91%	5.806%
5	10.152	10.099	10.202	BB	267113	2974744	96.48%	5.841%
6	11.593	11.527	11.626	BB	265920	3043101	98.70%	5.975%
7	12.902	12.839	12.967	BB	250833	3083135	100.00%	6.054%
8	14.099	14.036	14.154	BB	237819	2988496	96.93%	5.868%
9	14.998	14.931	15.067	BB	194003	2677025	86.83%	5.257%
10	15.202	15.137	15.251	BB	230517	2983551	96.77%	5.858%
11	16.221	16.156	16.269	BB	226569	2967515	96.25%	5.827%
12	17.170	17.091	17.232	BB	214635	2927837	94.96%	5.749%
13	18.057	17.986	18.101	BB	207388	2948736	95.64%	5.790%
14	18.889	18.822	18.942	BB	201787	2878855	93.37%	5.653%
15	19.671	19.607	19.724	BB	182282	2755751	89.38%	5.411%
16	20.410	20.274	20.519	BV	169042	2710131	87.90%	5.322%
17	21.142	21.064	21.214	BB	135315	2317374	75.16%	4.550%
18	22.047	21.961	22.117	BB	85564	2097723	68.04%	4.119%
Sum of corrected areas:							50927293	

FF102124.M Tue Oct 22 01:23:26 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
 Data File : FF014709.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 16:46
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 21 17:01:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Mon Oct 21 17:01:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.997	1322603	10.179 ug/ml
Target Compounds			
1) N-OCTANE	2.044	1391050	10.142 ug/ml
2) N-DECANE	4.561	1431638	10.171 ug/ml
3) N-DODECANE	6.721	1452786	10.161 ug/ml
4) N-TETRADECANE	8.545	1471114	10.183 ug/ml
5) N-HEXADECANE	10.151	1470544	10.149 ug/ml
6) N-OCTADECANE	11.592	1506346	10.177 ug/ml
7) N-EICOSANE	12.901	1518951	10.152 ug/ml
8) N-DOCOSANE	14.097	1479666	10.187 ug/ml
10) N-TETRACOSANE	15.200	1479406	10.204 ug/ml
11) N-HEXACOSANE	16.220	1470196	10.204 ug/ml
12) N-OCTACOSANE	17.169	1455486	10.241 ug/ml
13) N-TRIACONTANE	18.055	1481698	10.358 ug/ml
14) N-DOTRIACONTANE	18.887	1460398	10.449 ug/ml
15) N-TETRATRIACONTANE	19.670	1394669	10.422 ug/ml
16) N-HEXATRIACONTANE	20.409	1350478	10.460 ug/ml
17) N-OCTATRIACONTANE	21.142	1172155	10.371 ug/ml
18) N-TETRACONTANE	22.047	1062736	10.283 ug/ml

(f)=RT Delta > 1/2 Window

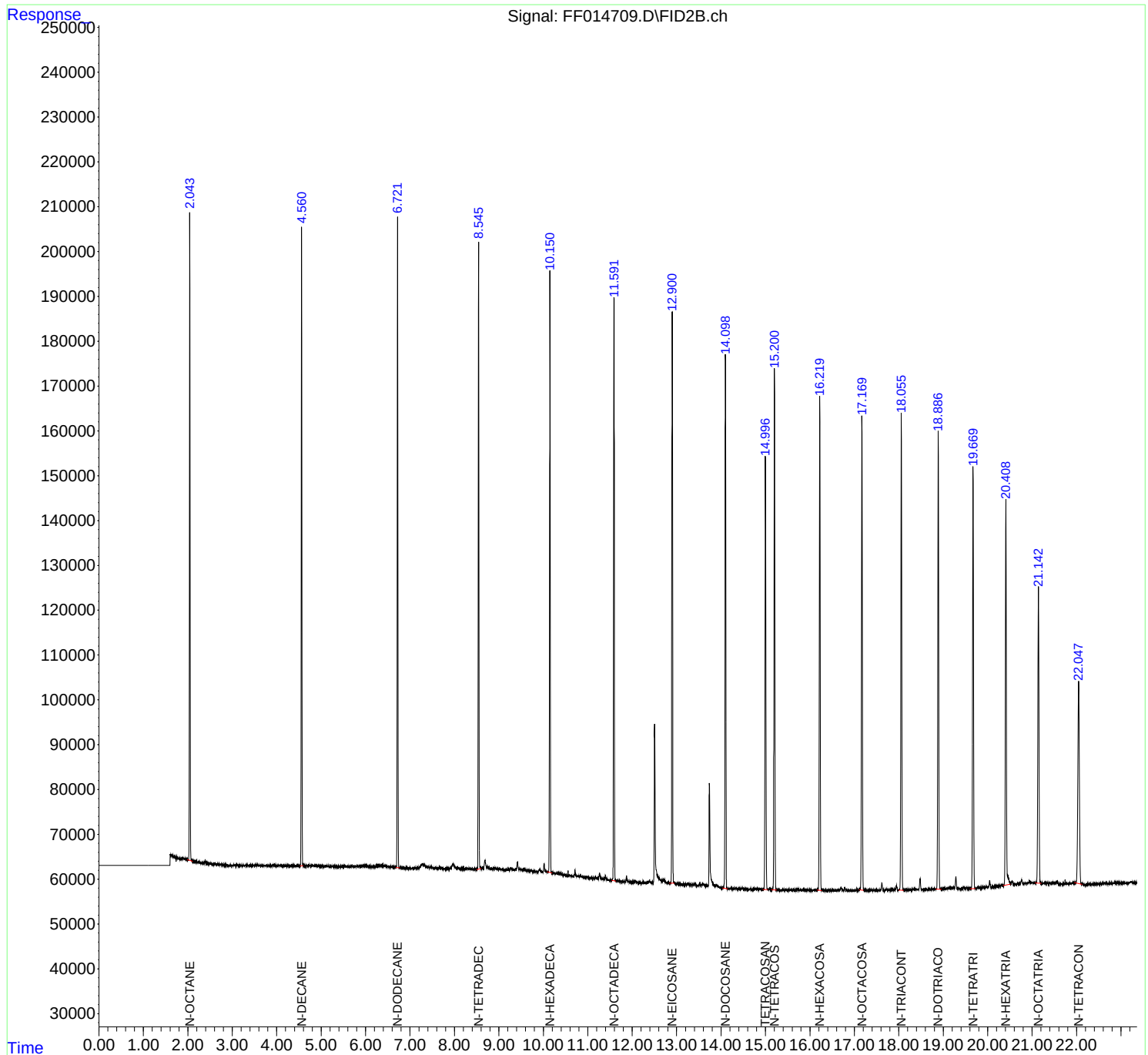
(m)=manual int.

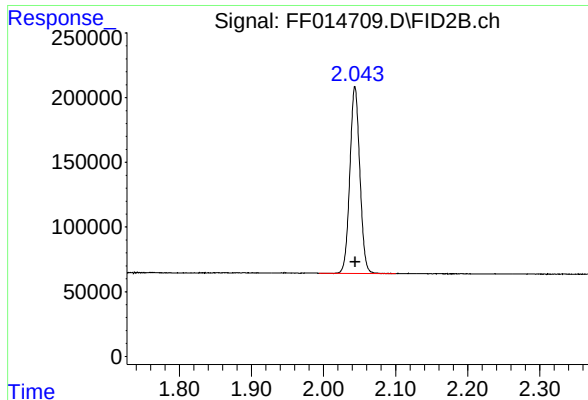
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014709.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 16:46
Operator : YP\AJ
Sample : 10 TRPH STD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 TRPH STD

Integration File: autoint1.e
Quant Time: Oct 21 17:01:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Mon Oct 21 17:01:32 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

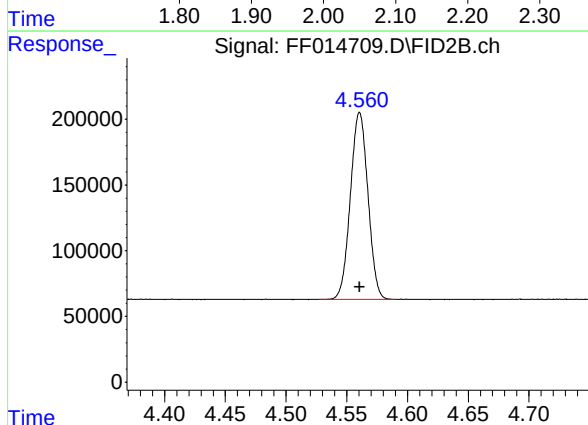




#1 N-OCTANE

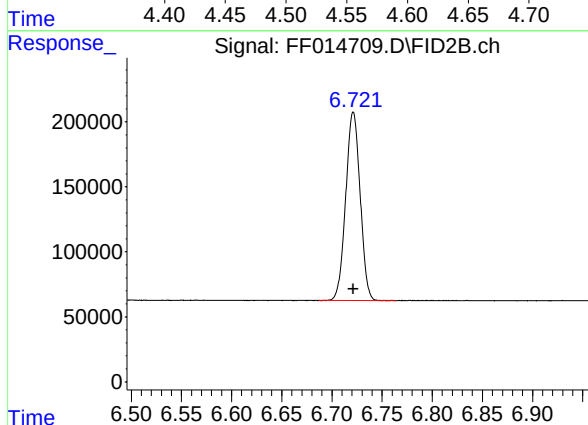
R.T.: 2.044 min
Delta R.T.: 0.000 min
Response: 1391050
Conc: 10.14 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



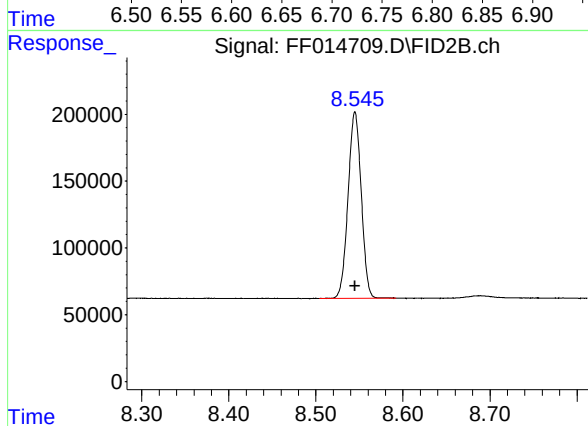
#2 N-DECANE

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 1431638
Conc: 10.17 ug/ml



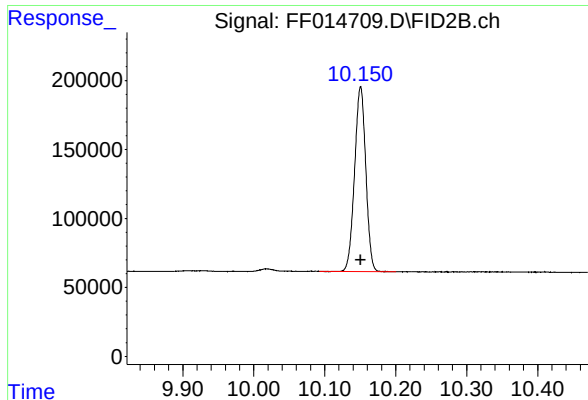
#3 N-DODECANE

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 1452786
Conc: 10.16 ug/ml



#4 N-TETRADECANE

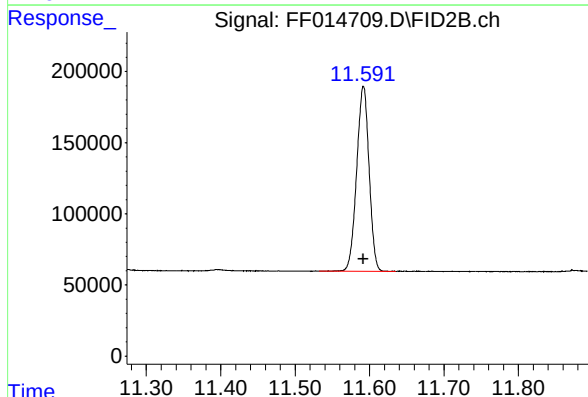
R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 1471114
Conc: 10.18 ug/ml



#5 N-HEXADECANE

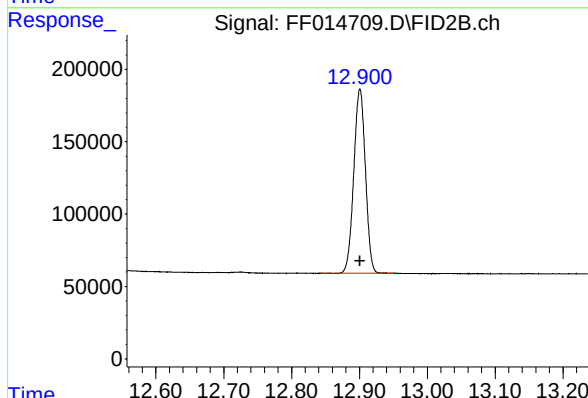
R.T.: 10.151 min
Delta R.T.: 0.000 min
Response: 1470544
Conc: 10.15 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



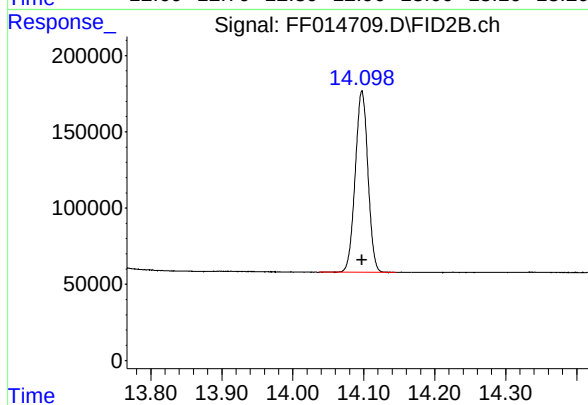
#6 N-OCTADECANE

R.T.: 11.592 min
Delta R.T.: 0.000 min
Response: 1506346
Conc: 10.18 ug/ml



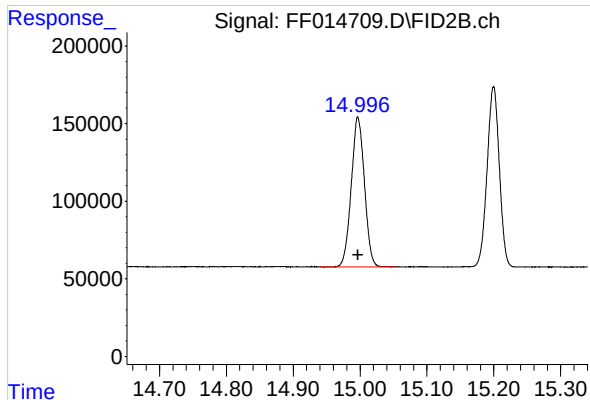
#7 N-EICOSANE

R.T.: 12.901 min
Delta R.T.: 0.000 min
Response: 1518951
Conc: 10.15 ug/ml



#8 N-DOCOSANE

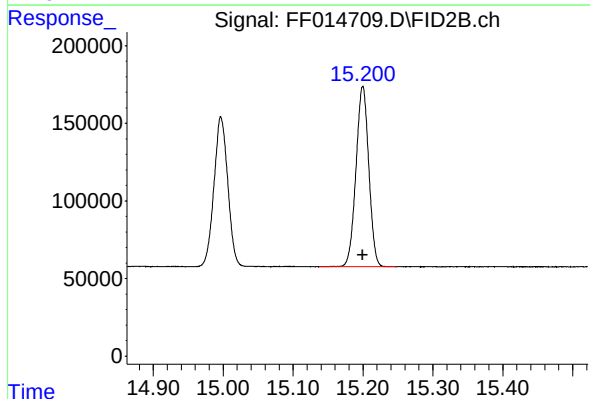
R.T.: 14.097 min
Delta R.T.: 0.000 min
Response: 1479666
Conc: 10.19 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

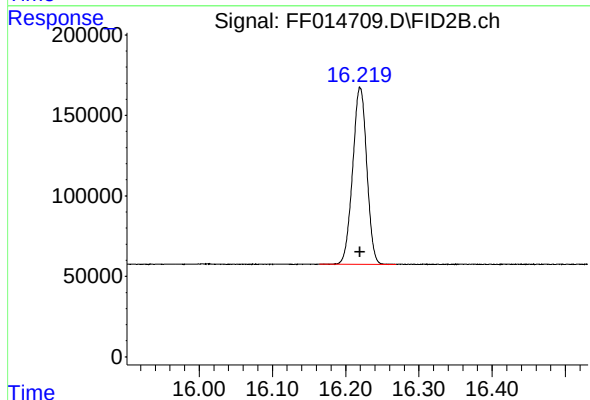
R.T.: 14.997 min
Delta R.T.: 0.000 min
Response: 1322603
Conc: 10.18 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



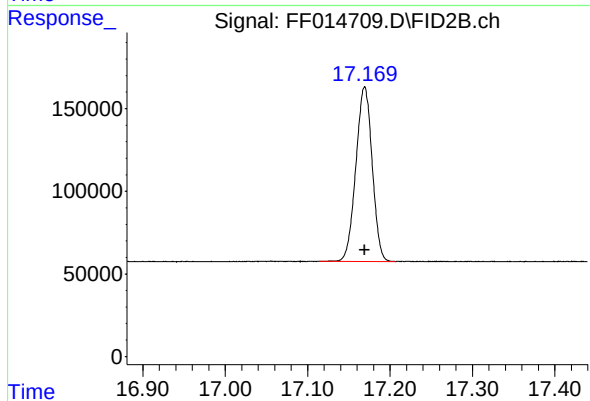
#10 N-TETRACOSANE

R.T.: 15.200 min
Delta R.T.: 0.000 min
Response: 1479406
Conc: 10.20 ug/ml



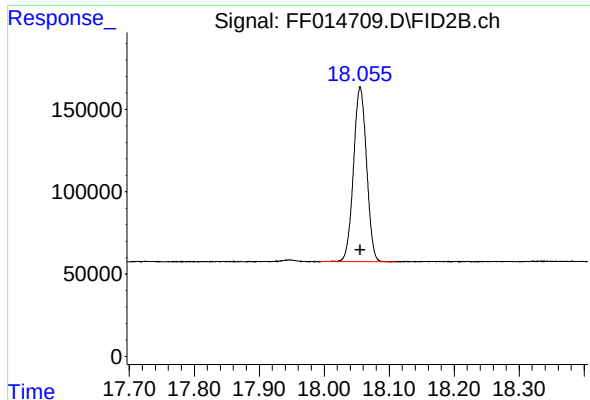
#11 N-HEXACOSANE

R.T.: 16.220 min
Delta R.T.: 0.000 min
Response: 1470196
Conc: 10.20 ug/ml



#12 N-OCTACOSANE

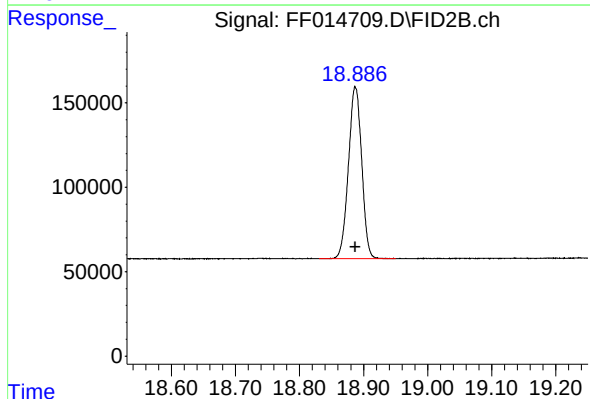
R.T.: 17.169 min
Delta R.T.: 0.000 min
Response: 1455486
Conc: 10.24 ug/ml



#13 N-TRIACONTANE

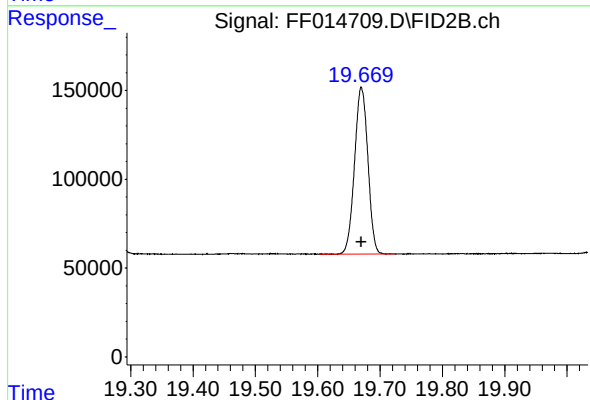
R.T.: 18.055 min
Delta R.T.: 0.000 min
Response: 1481698
Conc: 10.36 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



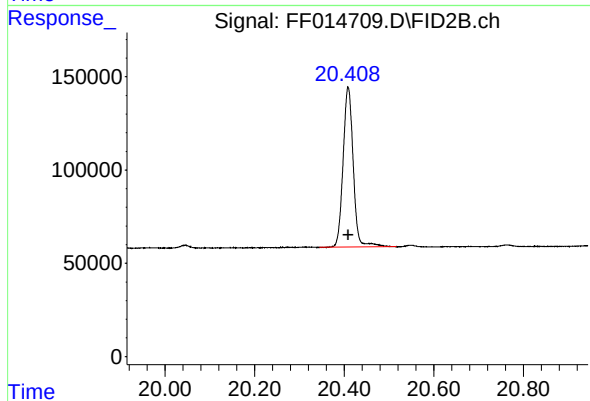
#14 N-DOTRIACONTANE

R.T.: 18.887 min
Delta R.T.: 0.000 min
Response: 1460398
Conc: 10.45 ug/ml



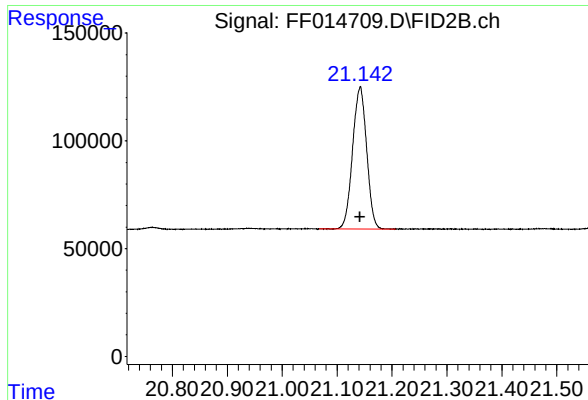
#15 N-TETRATRIACONTANE

R.T.: 19.670 min
Delta R.T.: 0.000 min
Response: 1394669
Conc: 10.42 ug/ml



#16 N-HEXATRIACONTANE

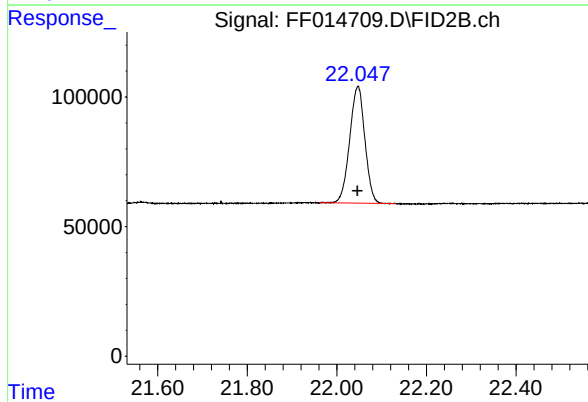
R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 1350478
Conc: 10.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 1172155
Conc: 10.37 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.047 min
Delta R.T.: 0.000 min
Response: 1062736
Conc: 10.28 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014709.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 16:46
Sample : 10 TRPH STD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.044	1.994	2.100	BB	144443	1391050	91.58%	5.483%
2	4.561	4.527	4.590	BB	142326	1431638	94.25%	5.643%
3	6.721	6.687	6.764	BB	145021	1452786	95.64%	5.726%
4	8.545	8.504	8.592	BB	139689	1471114	96.85%	5.798%
5	10.151	10.092	10.200	BB	134197	1470544	96.81%	5.796%
6	11.592	11.532	11.635	BB	130092	1506346	99.17%	5.937%
7	12.901	12.840	12.954	BB	127584	1518951	100.00%	5.987%
8	14.097	14.037	14.145	BB	118761	1479666	97.41%	5.832%
9	14.997	14.939	15.054	BB	96188	1322603	87.07%	5.213%
10	15.200	15.137	15.247	BB	116501	1479406	97.40%	5.831%
11	16.220	16.164	16.269	BB	109521	1470196	96.79%	5.795%
12	17.169	17.114	17.207	BB	105580	1455486	95.82%	5.737%
13	18.055	17.992	18.110	BB	106271	1481698	97.55%	5.840%
14	18.887	18.830	18.950	BB	101797	1460398	96.15%	5.756%
15	19.670	19.602	19.725	BB	93819	1394669	91.82%	5.497%
16	20.409	20.344	20.515	BB	85772	1350478	88.91%	5.323%
17	21.142	21.067	21.207	BB	66140	1172155	77.17%	4.620%
18	22.047	21.960	22.132	BB	45214	1062736	69.97%	4.189%
Sum of corrected areas:							25371919	

FF102124.M Tue Oct 22 01:23:44 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
 Data File : FF014710.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 17:15
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 21 17:35:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Mon Oct 21 17:35:19 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.996	691394	5.254 ug/ml
Target Compounds			
1) N-OCTANE	2.044	735139	5.284 ug/ml
2) N-DECANE	4.560	756089	5.293 ug/ml
3) N-DODECANE	6.722	768253	5.294 ug/ml
4) N-TETRADECANE	8.545	775382	5.290 ug/ml
5) N-HEXADECANE	10.150	775794	5.279 ug/ml
6) N-OCTADECANE	11.591	792835	5.281 ug/ml
7) N-EICOSANE	12.900	800046	5.274 ug/ml
8) N-DOCOSANE	14.098	773720	5.258 ug/ml
10) N-TETRACOSANE	15.199	774521	5.270 ug/ml
11) N-HEXACOSANE	16.220	769893	5.271 ug/ml
12) N-OCTACOSANE	17.169	769883	5.328 ug/ml
13) N-TRIACONTANE	18.055	798876	5.457 ug/ml
14) N-DOTRIACONTANE	18.887	801393	5.570 ug/ml
15) N-TETRATRIACONTANE	19.670	752249	5.485 ug/ml
16) N-HEXATRIACONTANE	20.409	661136	5.096 ug/ml
17) N-OCTATRIACONTANE	21.142	614859	5.346 ug/ml
18) N-TETRACONTANE	22.046	557917	5.314 ug/ml

(f)=RT Delta > 1/2 Window

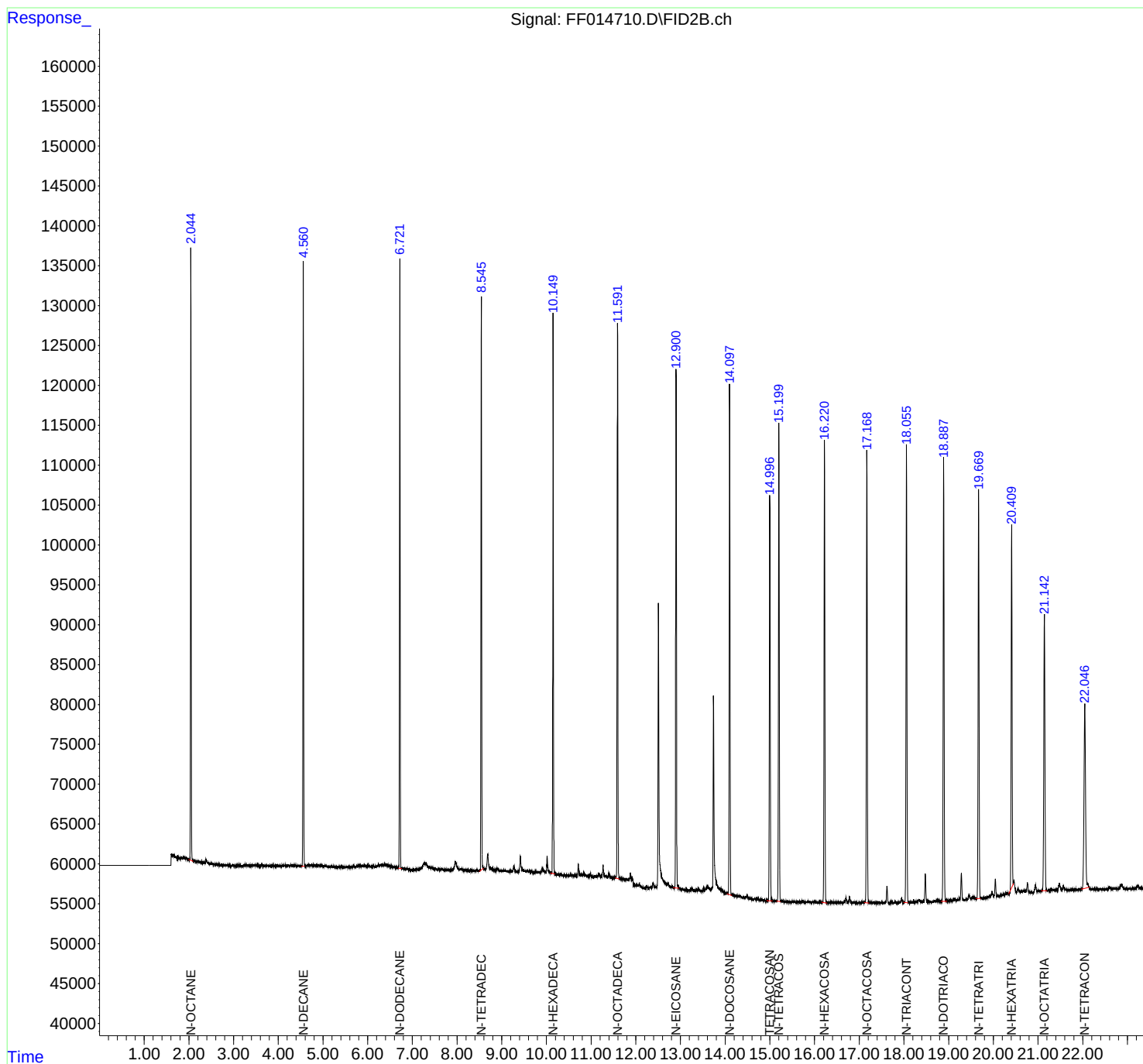
(m)=manual int.

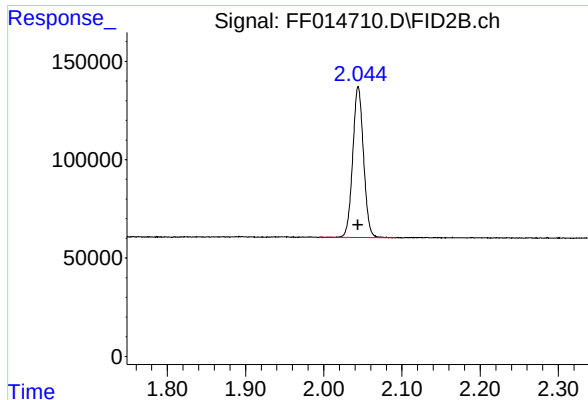
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014710.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 17:15
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

Integration File: autoint1.e
Quant Time: Oct 21 17:35:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Mon Oct 21 17:35:19 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

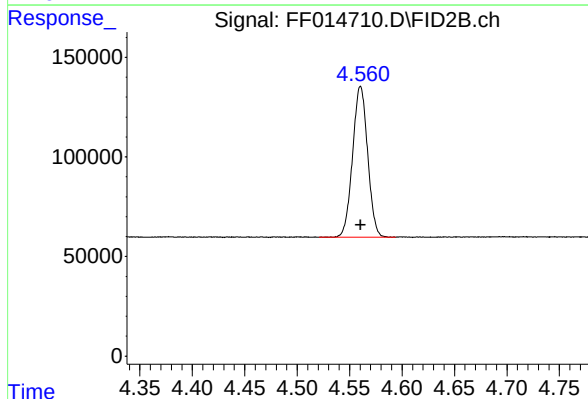




#1 N-OCTANE

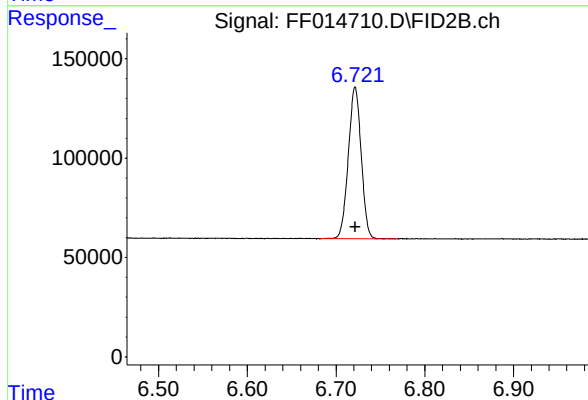
R.T.: 2.044 min
Delta R.T.: 0.000 min
Response: 735139
Conc: 5.28 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



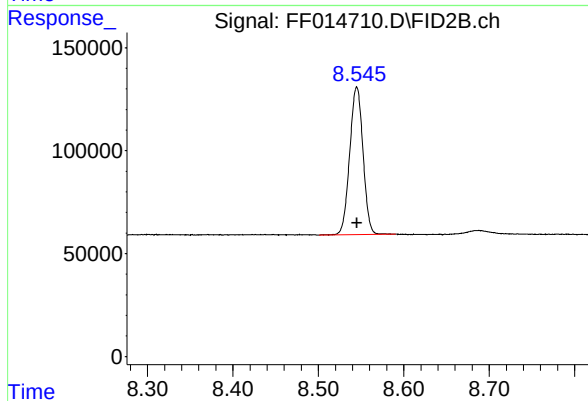
#2 N-DECANE

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 756089
Conc: 5.29 ug/ml



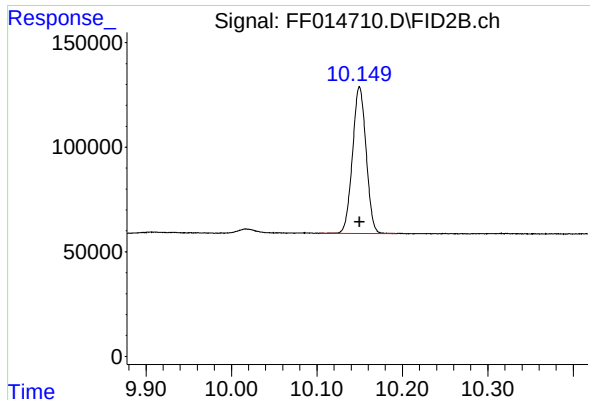
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 768253
Conc: 5.29 ug/ml



#4 N-TETRADECANE

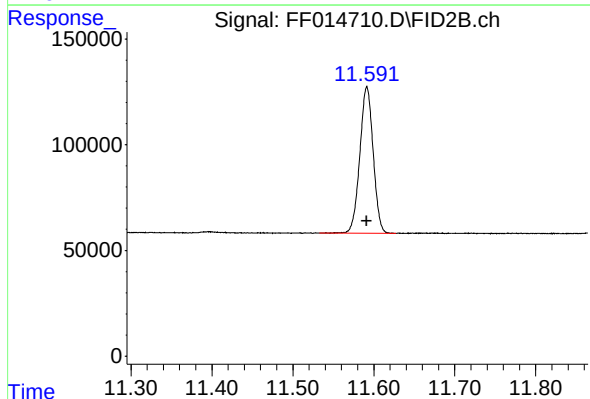
R.T.: 8.545 min
Delta R.T.: 0.000 min
Response: 775382
Conc: 5.29 ug/ml



#5 N-HEXADECANE

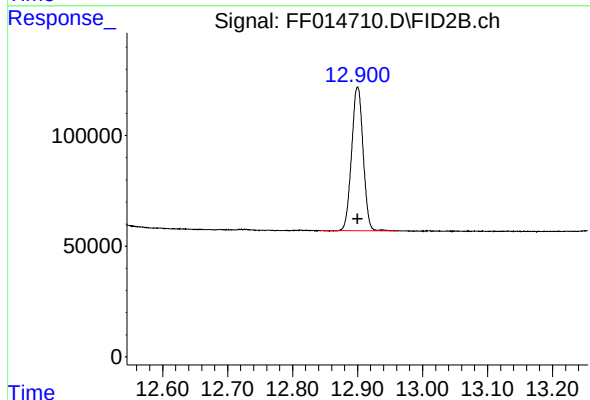
R.T.: 10.150 min
Delta R.T.: 0.000 min
Response: 775794
Conc: 5.28 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



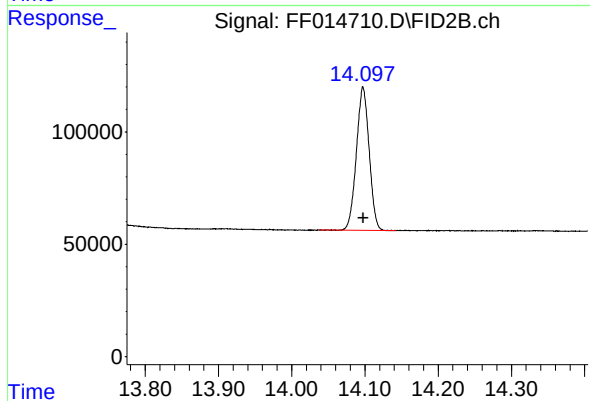
#6 N-OCTADECANE

R.T.: 11.591 min
Delta R.T.: 0.000 min
Response: 792835
Conc: 5.28 ug/ml



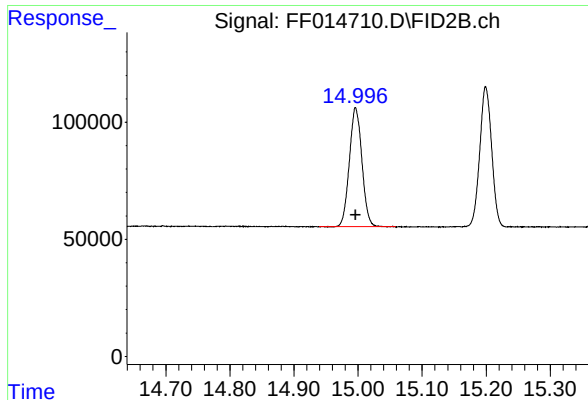
#7 N-EICOSANE

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 800046
Conc: 5.27 ug/ml



#8 N-DOCOSANE

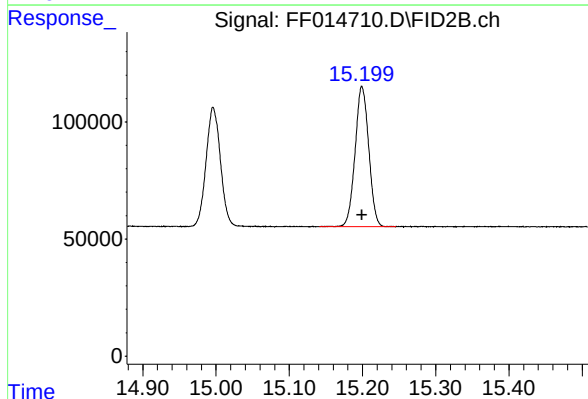
R.T.: 14.098 min
Delta R.T.: 0.000 min
Response: 773720
Conc: 5.26 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

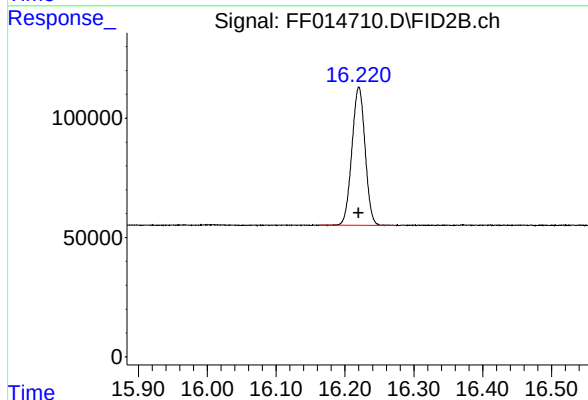
R.T.: 14.996 min
Delta R.T.: 0.000 min
Response: 691394
Conc: 5.25 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



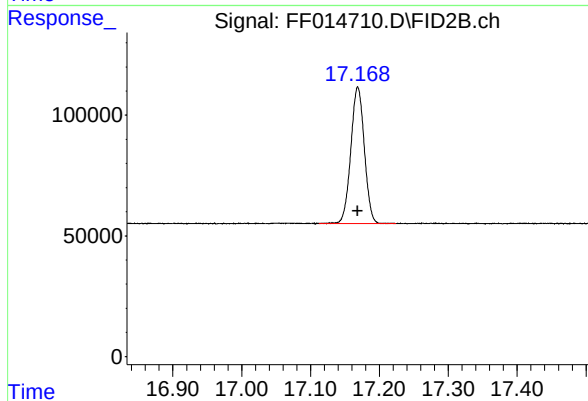
#10 N-TETRACOSANE

R.T.: 15.199 min
Delta R.T.: 0.000 min
Response: 774521
Conc: 5.27 ug/ml



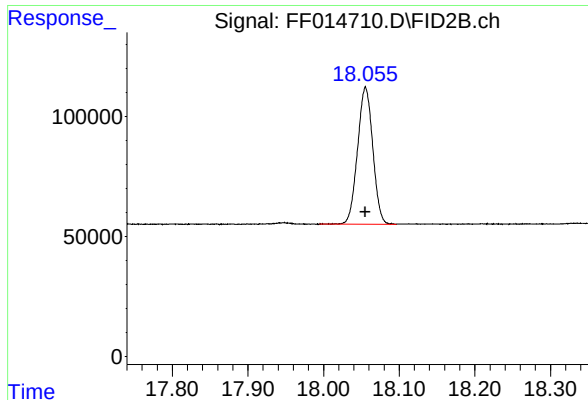
#11 N-HEXACOSANE

R.T.: 16.220 min
Delta R.T.: 0.000 min
Response: 769893
Conc: 5.27 ug/ml



#12 N-OCTACOSANE

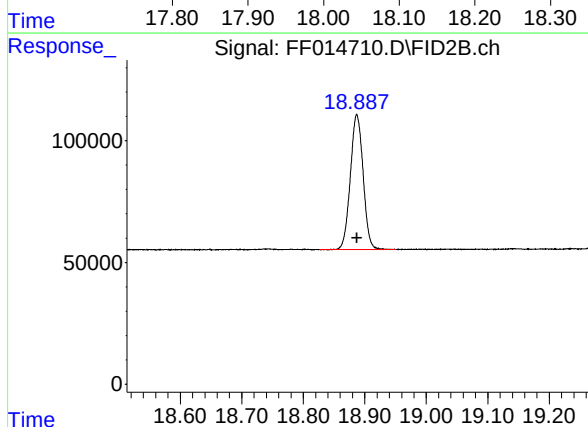
R.T.: 17.169 min
Delta R.T.: 0.000 min
Response: 769883
Conc: 5.33 ug/ml



#13 N-TRIACONTANE

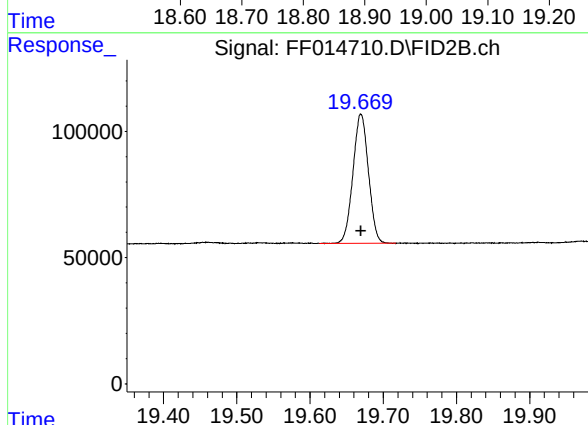
R.T.: 18.055 min
Delta R.T.: 0.000 min
Response: 798876
Conc: 5.46 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



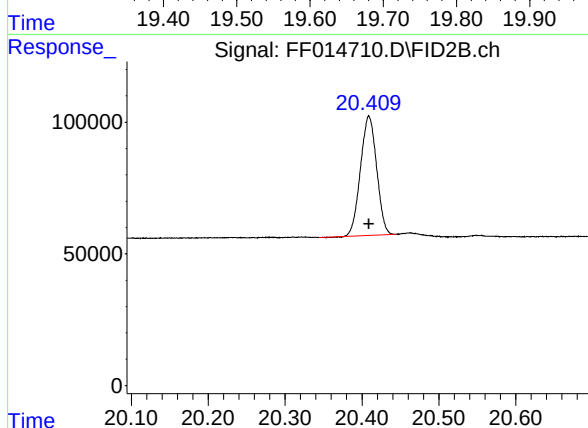
#14 N-DOTRIACONTANE

R.T.: 18.887 min
Delta R.T.: 0.000 min
Response: 801393
Conc: 5.57 ug/ml



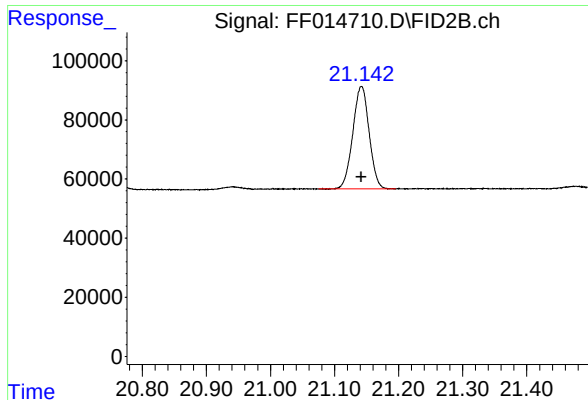
#15 N-TETRATRIACONTANE

R.T.: 19.670 min
Delta R.T.: 0.000 min
Response: 752249
Conc: 5.49 ug/ml



#16 N-HEXATRIACONTANE

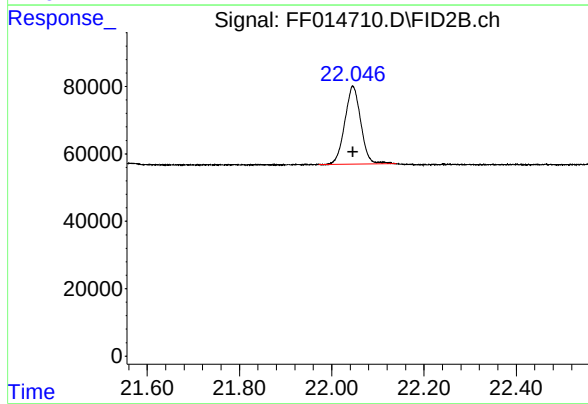
R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 661136
Conc: 5.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 614859
Conc: 5.35 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.046 min
Delta R.T.: 0.000 min
Response: 557917
Conc: 5.31 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014710.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 17:15
Sample : 5 TRPH STD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.044	1.994	2.092	BB	76698	735139	91.73%	5.499%
2	4.560	4.521	4.594	BB	75833	756089	94.35%	5.655%
3	6.722	6.681	6.767	BB	76356	768253	95.86%	5.746%
4	8.545	8.501	8.591	BB	71832	775382	96.75%	5.800%
5	10.150	10.102	10.192	BB	70024	775794	96.81%	5.803%
6	11.591	11.532	11.627	BB	69155	792835	98.93%	5.930%
7	12.900	12.841	12.959	BB	64959	800046	99.83%	5.984%
8	14.098	14.037	14.142	BB	63877	773720	96.55%	5.787%
9	14.996	14.939	15.059	BB	50817	691394	86.27%	5.171%
10	15.199	15.141	15.246	BB	59864	774521	96.65%	5.793%
11	16.220	16.162	16.274	BB	58016	769893	96.07%	5.759%
12	17.169	17.112	17.224	BB	56438	769883	96.07%	5.759%
13	18.055	17.994	18.096	BB	57244	798876	99.69%	5.975%
14	18.887	18.826	18.951	BB	55492	801393	100.00%	5.994%
15	19.670	19.612	19.717	BB	51231	752249	93.87%	5.627%
16	20.409	20.344	20.444	BV	45303	661136	82.50%	4.945%
17	21.142	21.076	21.196	BB	34712	614859	76.72%	4.599%
18	22.046	21.972	22.139	BB	23121	557917	69.62%	4.173%
Sum of corrected areas:							13369378	

FF102124.M Tue Oct 22 01:24:03 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
 Data File : FF014711.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 17:44
 Operator : YP\AJ
 Sample : FF102124ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 FF102124ICV

Integration File: autoint1.e
 Quant Time: Oct 22 08:36:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.001	6320920	48.030 ug/ml
Target Compounds			
1) N-OCTANE	2.042	6688337	48.071 ug/ml
2) N-DECANE	4.562	6865268	48.058 ug/ml
3) N-DODECANE	6.725	6977659	48.084 ug/ml
4) N-TETRADECANE	8.549	7046711	48.072 ug/ml
5) N-HEXADECANE	10.154	7074200	48.140 ug/ml
6) N-OCTADECANE	11.596	7208290	48.014 ug/ml
7) N-EICOSANE	12.906	7293038	48.075 ug/ml
8) N-DOCOSANE	14.103	7073930	48.073 ug/ml
10) N-TETRACOSANE	15.205	7065898	48.077 ug/ml
11) N-HEXACOSANE	16.225	7025444	48.099 ug/ml
12) N-OCTACOSANE	17.174	6938938	48.023 ug/ml
13) N-TRIACONTANE	18.061	6944995	47.442 ug/ml
14) N-DOTRIACONTANE	18.893	6772290	47.074 ug/ml
15) N-TETRATRIACONTANE	19.676	6515975	47.512 ug/ml
16) N-HEXATRIACONTANE	20.414	6058417	46.700 ug/ml
17) N-OCTATRIACONTANE	21.147	5557472	48.319 ug/ml
18) N-TETRACONTANE	22.054	5137662	48.932 ug/ml

(f)=RT Delta > 1/2 Window

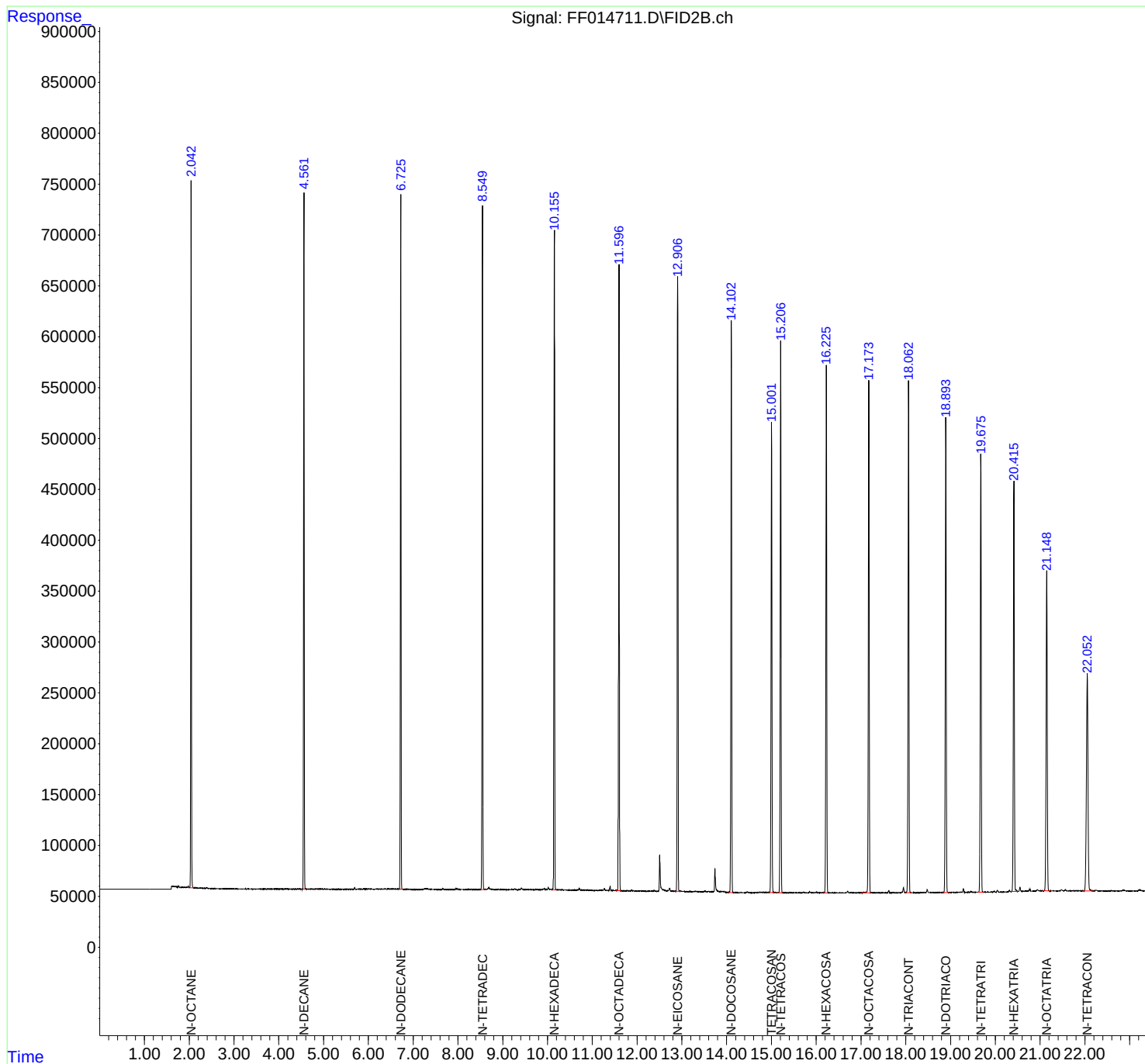
(m)=manual int.

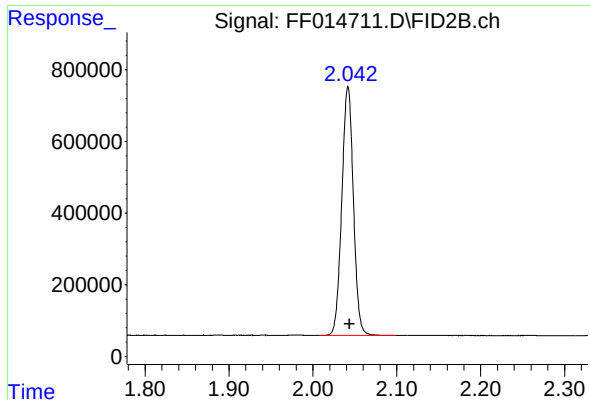
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014711.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 17:44
Operator : YP\AJ
Sample : FF102124ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
FF102124ICV

Integration File: autoint1.e
Quant Time: Oct 22 08:36:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Quant Title :
QLast Update : Tue Oct 22 08:35:55 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

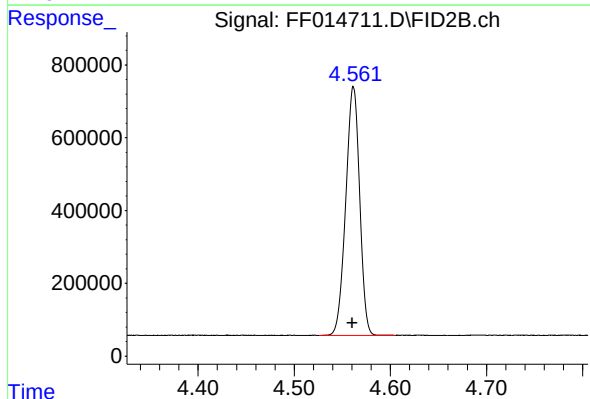




#1 N-OCTANE

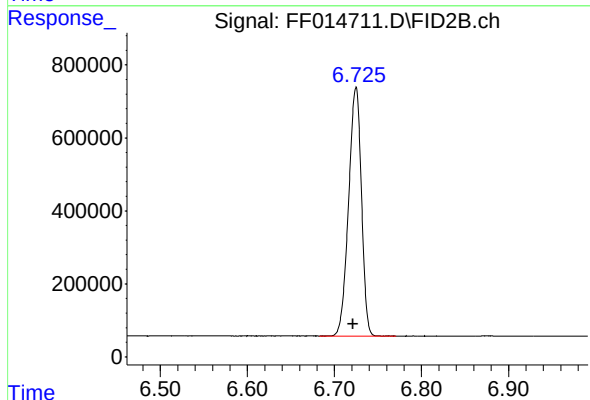
R.T.: 2.042 min
Delta R.T.: -0.002 min
Response: 6688337
Conc: 48.07 ug/ml

Instrument :
FID_F
ClientSampleId :
FF102124ICV



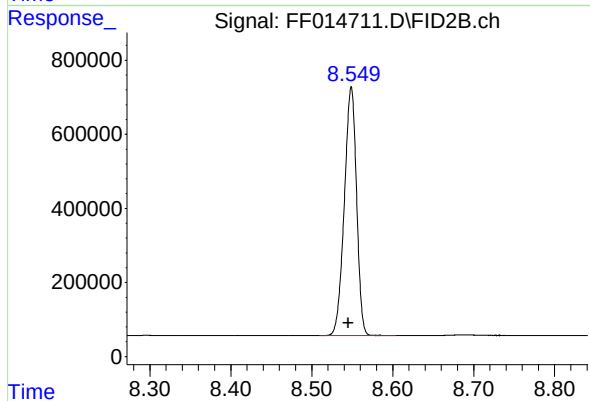
#2 N-DECANE

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 6865268
Conc: 48.06 ug/ml



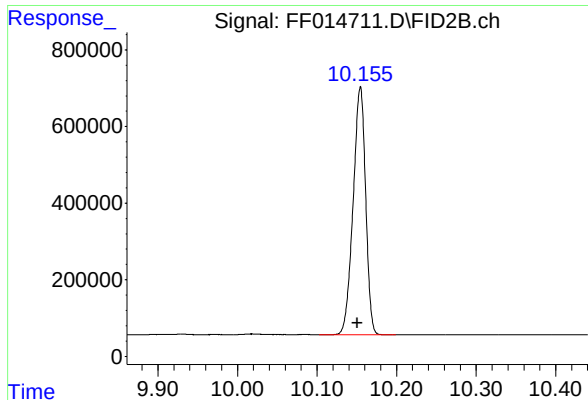
#3 N-DODECANE

R.T.: 6.725 min
Delta R.T.: 0.003 min
Response: 6977659
Conc: 48.08 ug/ml



#4 N-TETRADECANE

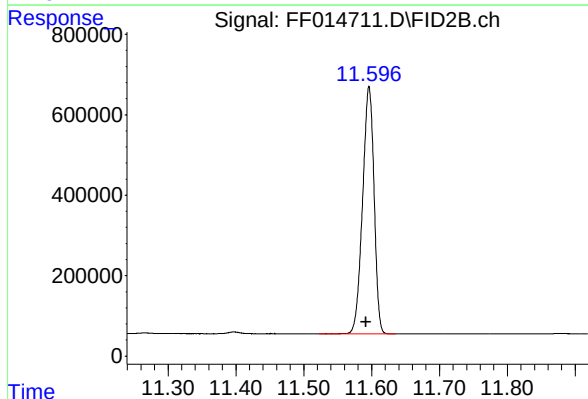
R.T.: 8.549 min
Delta R.T.: 0.004 min
Response: 7046711
Conc: 48.07 ug/ml



#5 N-HEXADECANE

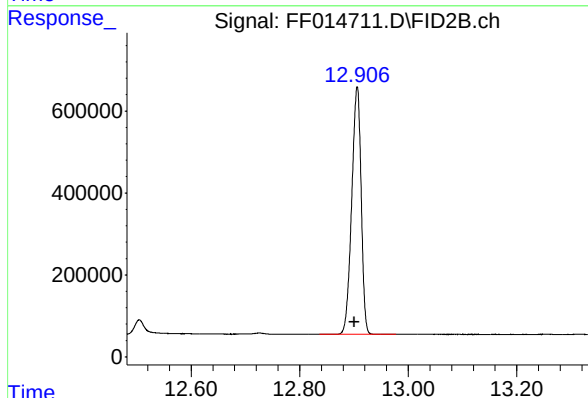
R.T.: 10.154 min
Delta R.T.: 0.004 min
Response: 7074200
Conc: 48.14 ug/ml

Instrument :
FID_F
ClientSampleId :
FF102124ICV



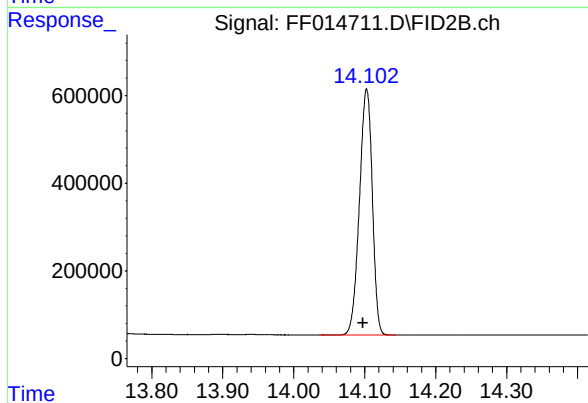
#6 N-OCTADECANE

R.T.: 11.596 min
Delta R.T.: 0.004 min
Response: 7208290
Conc: 48.01 ug/ml



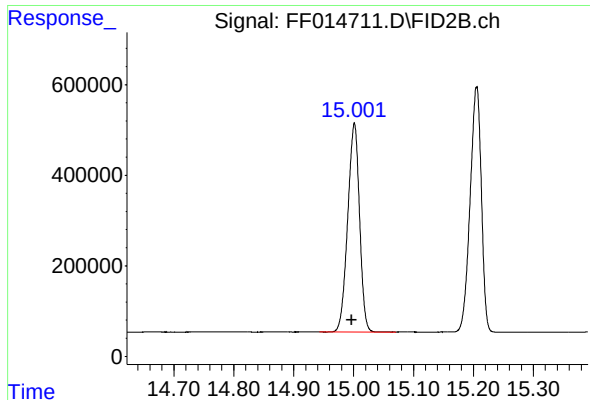
#7 N-EICOSANE

R.T.: 12.906 min
Delta R.T.: 0.005 min
Response: 7293038
Conc: 48.07 ug/ml



#8 N-DOCOSANE

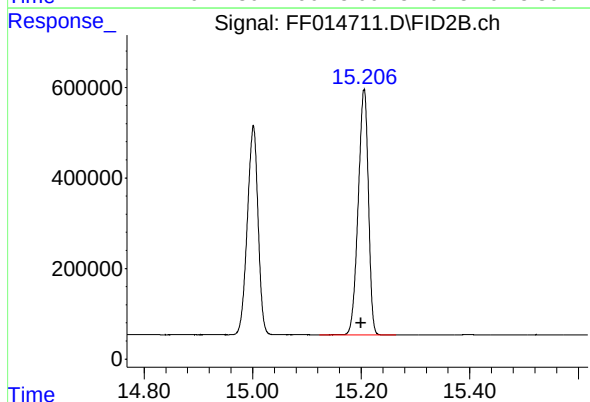
R.T.: 14.103 min
Delta R.T.: 0.005 min
Response: 7073930
Conc: 48.07 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

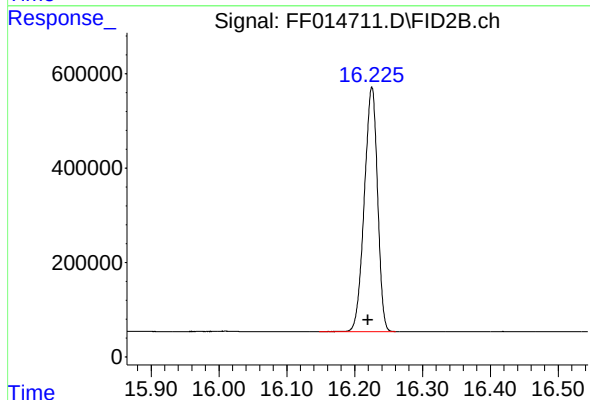
R.T.: 15.001 min
Delta R.T.: 0.004 min
Response: 6320920
Conc: 48.03 ug/ml

Instrument :
FID_F
ClientSampleId :
FF102124ICV



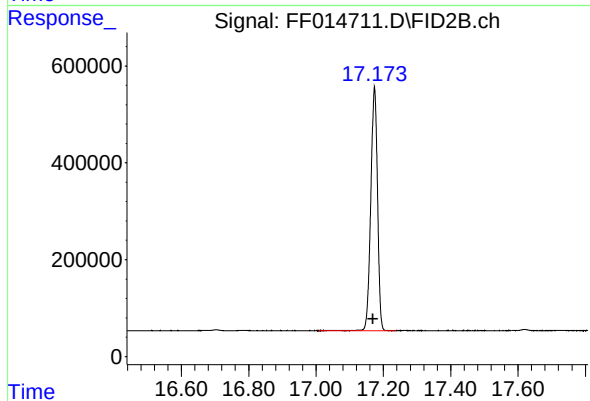
#10 N-TETRACOSANE

R.T.: 15.205 min
Delta R.T.: 0.005 min
Response: 7065898
Conc: 48.08 ug/ml



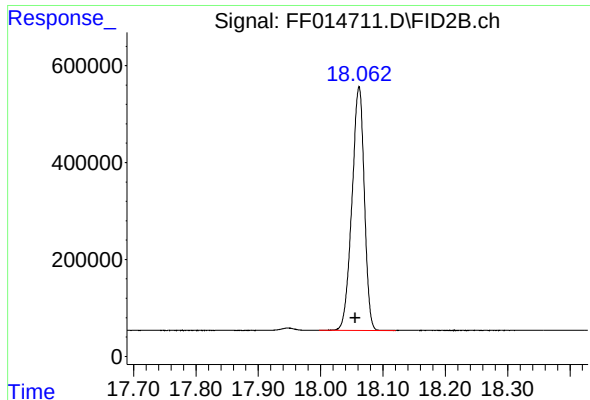
#11 N-HEXACOSANE

R.T.: 16.225 min
Delta R.T.: 0.005 min
Response: 7025444
Conc: 48.10 ug/ml



#12 N-OCTACOSANE

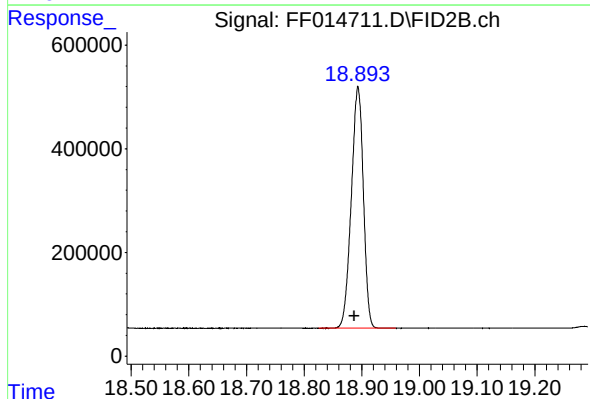
R.T.: 17.174 min
Delta R.T.: 0.004 min
Response: 6938938
Conc: 48.02 ug/ml



#13 N-TRIACONTANE

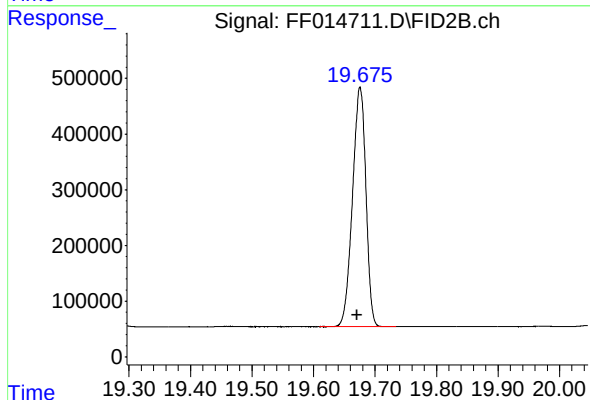
R.T.: 18.061 min
Delta R.T.: 0.006 min
Response: 6944995
Conc: 47.44 ug/ml

Instrument :
FID_F
ClientSampleId :
FF102124ICV



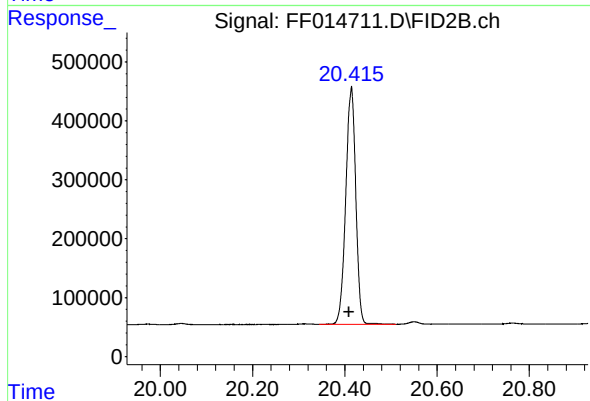
#14 N-DOTRIACONTANE

R.T.: 18.893 min
Delta R.T.: 0.006 min
Response: 6772290
Conc: 47.07 ug/ml



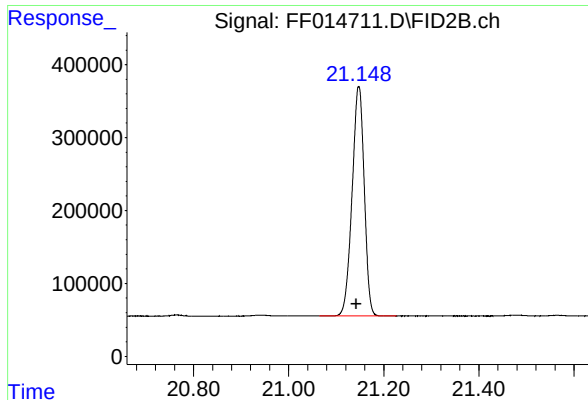
#15 N-TETRATRIACONTANE

R.T.: 19.676 min
Delta R.T.: 0.005 min
Response: 6515975
Conc: 47.51 ug/ml



#16 N-HEXATRIACONTANE

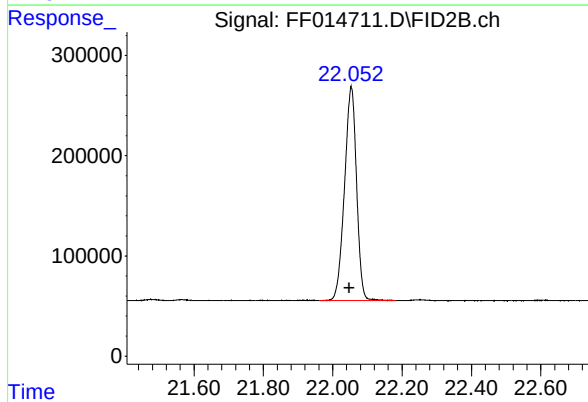
R.T.: 20.414 min
Delta R.T.: 0.005 min
Response: 6058417
Conc: 46.70 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.147 min
Delta R.T.: 0.006 min
Response: 5557472
Conc: 48.32 ug/ml

Instrument :
FID_F
ClientSampleId :
FF102124ICV



#18 N-TETRACONTANE

R.T.: 22.054 min
Delta R.T.: 0.006 min
Response: 5137662
Conc: 48.93 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124\
Data File : FF014711.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 17:44
Sample : FF102124ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.042	2.007	2.099	BB	696414	6688337	91.71%	5.547%
2	4.562	4.526	4.606	BB	683926	6865268	94.13%	5.694%
3	6.725	6.682	6.771	BB	680524	6977659	95.68%	5.787%
4	8.549	8.509	8.604	BB	673720	7046711	96.62%	5.845%
5	10.154	10.102	10.199	BB	646114	7074200	97.00%	5.868%
6	11.596	11.522	11.636	BB	614857	7208290	98.84%	5.979%
7	12.906	12.836	12.977	BB	605809	7293038	100.00%	6.049%
8	14.103	14.036	14.144	BB	562179	7073930	97.00%	5.867%
9	15.001	14.942	15.071	BB	461889	6320920	86.67%	5.243%
10	15.205	15.122	15.264	BB	542671	7065898	96.89%	5.861%
11	16.225	16.147	16.261	BB	518720	7025444	96.33%	5.827%
12	17.174	17.009	17.237	BB	503882	6938938	95.14%	5.755%
13	18.061	17.997	18.121	BB	502039	6944995	95.23%	5.760%
14	18.893	18.826	18.959	BB	466196	6772290	92.86%	5.617%
15	19.676	19.609	19.734	BB	430021	6515975	89.35%	5.405%
16	20.414	20.344	20.511	BB	402366	6058417	83.07%	5.025%
17	21.147	21.064	21.226	BB	314456	5557472	76.20%	4.610%
18	22.054	21.961	22.182	BB	212181	5137662	70.45%	4.261%
Sum of corrected areas:						120565445		

FF102124.M Tue Oct 22 01:24:31 2024

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: CHEM02
ProjectID: NJ Soil PT
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495
DataFile: FF014757.D Analyst Name: YP\AJ Analyst Date: 10-24-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	74772222	149544	146801	1.869

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: CHEM02
ProjectID: NJ Soil PT
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495
DataFile: FF014764.D Analyst Name: YP\AJ Analyst Date: 10-24-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	74647355	149295	146801	1.699

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: CHEM02
ProjectID: NJ Soil PT
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495
DataFile: FF014773.D Analyst Name: YP\AJ Analyst Date: 10-24-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	73338469	146677	146801	0.084

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: CHEM02
ProjectID: NJ Soil PT
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495
DataFile: FF014776.D Analyst Name: YP\AJ Analyst Date: 10-25-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	73865716	147731	146801	0.634

DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Chemtech Contract: CHEM02
ProjectID: NJ Soil PT
Lab Code: CHEM Case No.: P4495 SAS No.: P4495 SDG No.: P4495
DataFile: FF014787.D Analyst Name: YP\AJ Analyst Date: 10-25-2024

Conc. (PPM)	Area Count	RF	Average RF	%D
500	76936905	153874	146801	4.818

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P4495

Project: NJ Soil PT

Instrument ID: FID_F

GC Column: RXI-1MS **ID:** 0.18 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION 14.9988					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	24 Oct 2024 12:00	FF014756.D	15.009	
50 PPM TRPH STD	50 PPM TRPH STD	24 Oct 2024 12:59	FF014757.D	15.014	
PB164381BL	PB164381BL	24 Oct 2024 14:33	FF014759.D	15.010	
PB164381BS	PB164381BS	24 Oct 2024 15:02	FF014760.D	15.011	
PIBLK02	LBLK02	24 Oct 2024 16:35	FF014763.D	15.010	
50 PPM TRPH STD	50 PPM TRPH STD	24 Oct 2024 17:33	FF014764.D	15.014	
EX-5-TPH-1MS	P4518-01MS	24 Oct 2024 19:58	FF014766.D	14.969	
EX-5-TPH-1MSD	P4518-01MSD	24 Oct 2024 20:27	FF014767.D	14.973	
PIBLK03	LBLK03	24 Oct 2024 22:52	FF014772.D	15.015	
50 PPM TRPH STD	50 PPM TRPH STD	24 Oct 2024 23:50	FF014773.D	15.018	
PIBLK04	LBLK04	25 Oct 2024 06:11	FF014775.D	15.012	
50 PPM TRPH STD	50 PPM TRPH STD	25 Oct 2024 06:40	FF014776.D	15.015	
PT-DIES-SOIL	P4495-14	25 Oct 2024 08:27	FF014778.D	15.009	
PIBLK05	LBLK05	25 Oct 2024 12:17	FF014786.D	15.011	
50 PPM TRPH STD	50 PPM TRPH STD	25 Oct 2024 12:46	FF014787.D	15.015	

Column used to flag RT values with an * values outside of QC limits

QC Limits
(± 0.10 minutes)

Lower Limit
14.8988

Upper Limits
15.0988