

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072123AL\
 Data File : FD046179.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2023 20:57
 Operator : YP/AJ
 Sample : 03660-07MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

5MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :Ankita Jodhani 07/24/2023

Integration File: autoint1.e

Quant Time: Jul 21 23:27:21 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M

Quant Title : GC Extractables

QLast Update : Thu Jul 20 14:31:50 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)	11.407	6055144	34.730 ug/ml
Spiked Amount 50.000		Recovery =	69.46%
12) S 1-chlorooctadecane (S...	12.841	4365121	36.278 ug/ml
Spiked Amount 50.000		Recovery =	72.56%
Target Compounds			
1) T n-Nonane (C9)	3.252	7738592	49.084 ug/ml
2) T n-Decane (C10)	4.298	8067121	50.233 ug/ml
3) T A~Naphthalene (C11.7)	5.855	8746681	50.522 ug/ml
4) T n-Dodecane (C12)	6.294	8217950	50.842 ug/ml
5) T A~2-methylnaphthalene...	6.904	8415146	50.989 ug/ml
6) T n-Tetradecane (C14)	8.079	7978146	50.149 ug/ml
7) T n-Hexadecane (C16)	9.669	7852056	48.253 ug/ml
8) T n-Octadecane (C18)	11.103	7716756	47.840 ug/ml
10) T n-Eicosane (C20)	12.405	7540894	50.519 ug/ml
11) T n-Heneicosane (C21)	13.011	7216381	49.992 ug/ml
13) T n-Docosane (C22)	13.594	7056398	50.503 ug/ml
14) T n-Tetracosane (C24)	14.690	6644976	48.258 ug/ml
15) T n-Hexacosane (C26)	15.706	6407708	50.122 ug/ml
16) T n-Octacosane (C28)	16.647	6719466	55.183 ug/ml
17) T n-Tricontane (C30)	17.530	6399695	51.709 ug/mlm
18) T n-Dotriacontane (C32)	18.355	6321645	51.772 ug/mlm
19) T n-Tetratriacontane (C34)	19.134	6208927	48.530 ug/mlm
20) T n-Hexatriacontane (C36)	19.868	6447621	56.299 ug/mlm
21) T n-Octatriacontane (C38)	20.570	6125202	54.405 ug/mlm
22) T n-Tetracontane (C40)	21.394	6218256	57.969 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072123AL\
Data File : FD046179.D
Signal(s) : FID2B.ch
Acq On : 21 Jul 2023 20:57
Operator : YP/AJ
Sample : 03660-07MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

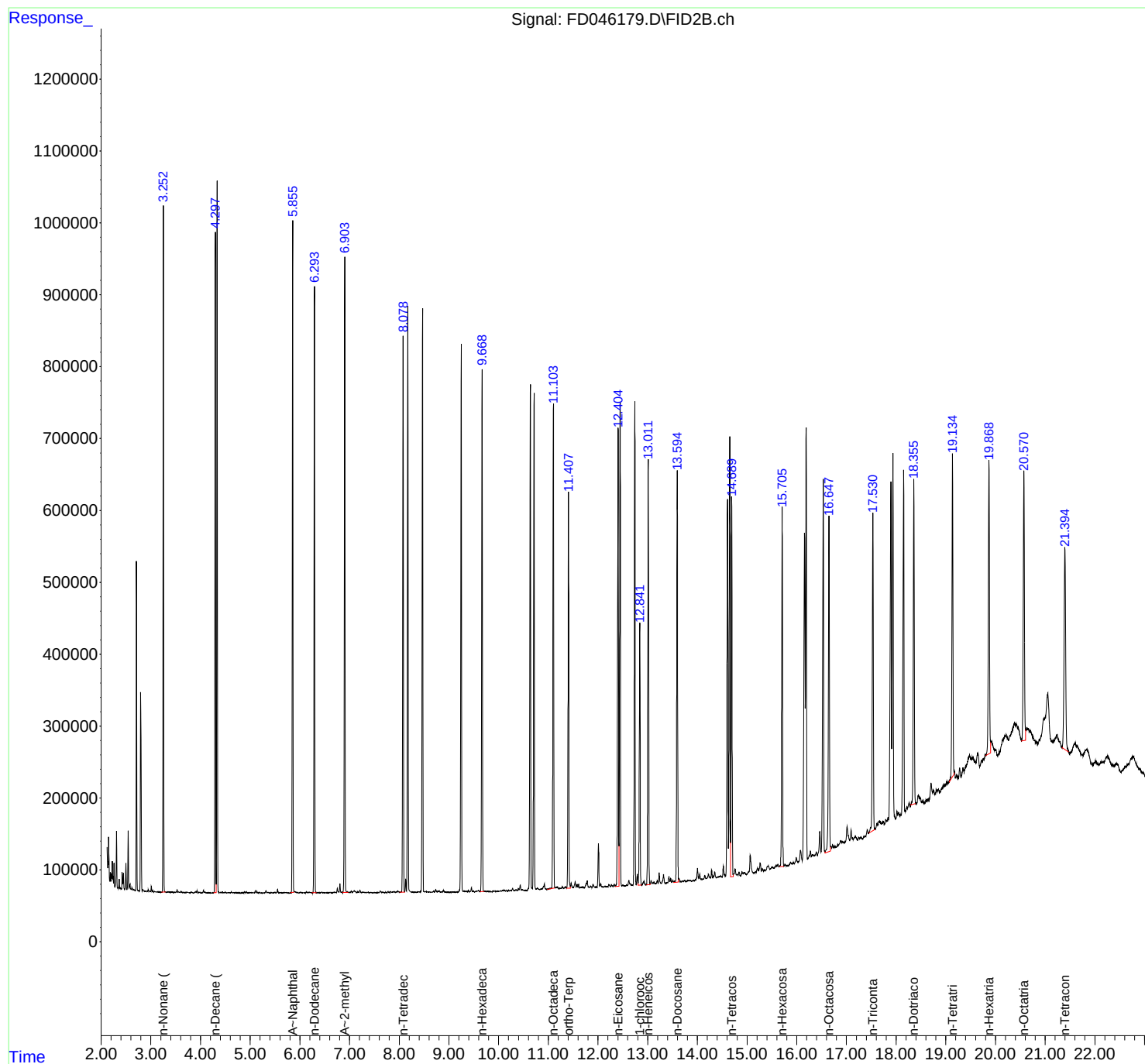
Instrument :
FID_D
ClientSampleId :
5MSD

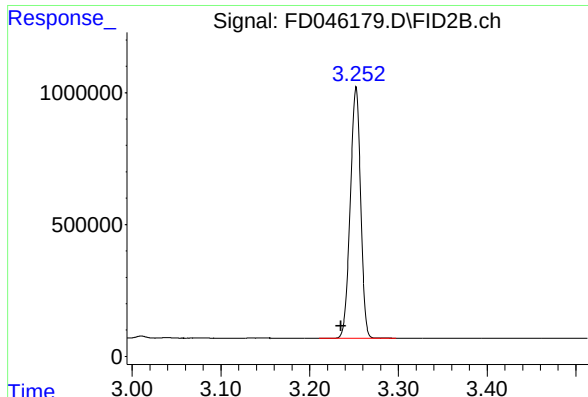
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :Ankita Jodhani 07/24/2023

Integration File: autoint1.e
Quant Time: Jul 21 23:27:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.
Quant Title : GC Extractables
QLast Update : Thu Jul 20 14:31:50 2023
Response via : Initial Calibration
Integrator: ChemStation

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





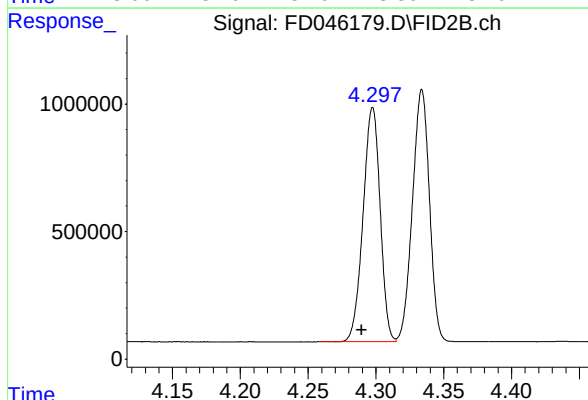
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.017 min
Response: 7738592
Conc: 49.08 ug/ml

Instrument :
FID_D
ClientSampleId :
5MSD

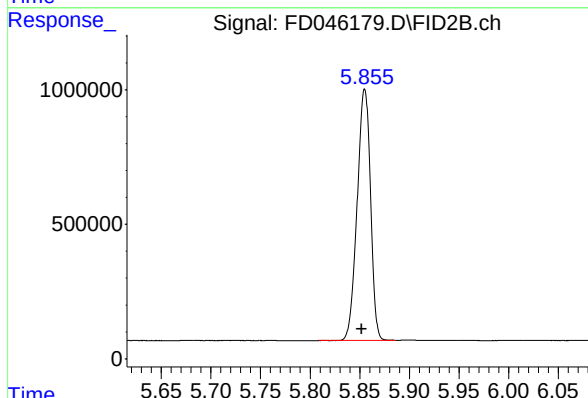
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :Ankita Jodhani 07/24/2023



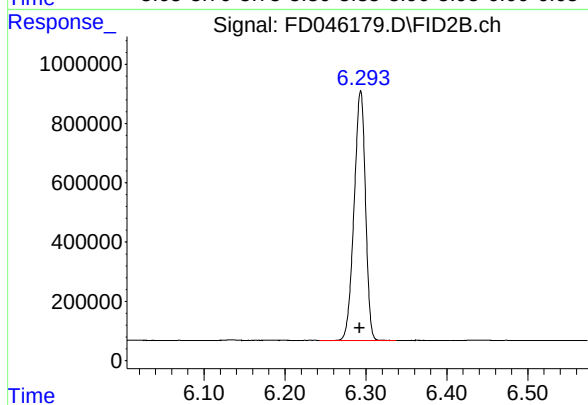
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: 0.008 min
Response: 8067121
Conc: 50.23 ug/ml



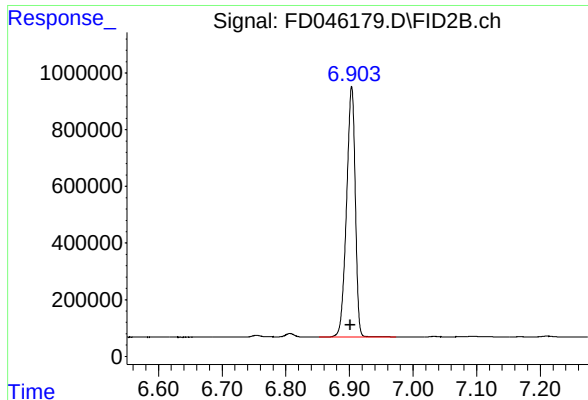
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: 0.003 min
Response: 8746681
Conc: 50.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.294 min
Delta R.T.: 0.001 min
Response: 8217950
Conc: 50.84 ug/ml



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

R.T.: 6.904 min
Delta R.T.: 0.002 min
Response: 8415146
Conc: 50.99 ug/ml

Instrument :

FID_D

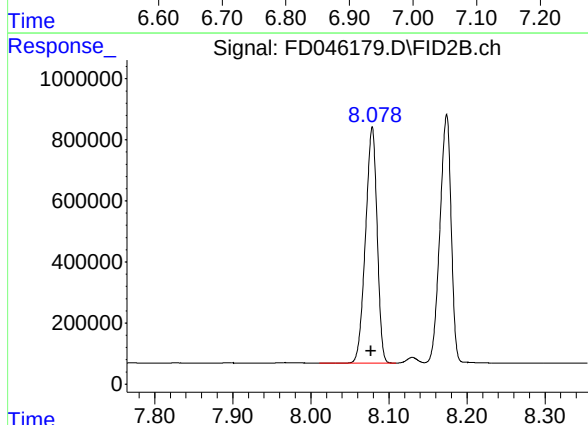
ClientSampleId :

5MSD

Manual Integrations

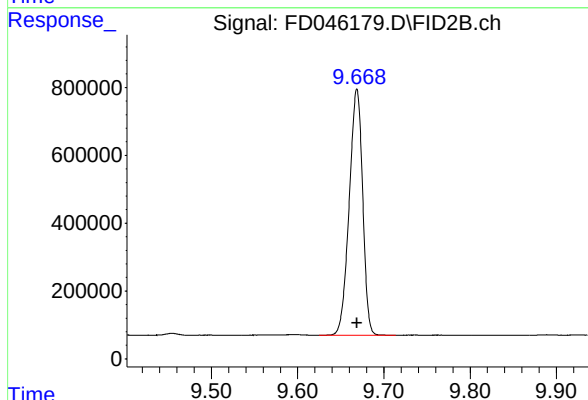
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :Ankita Jodhani 07/24/2023



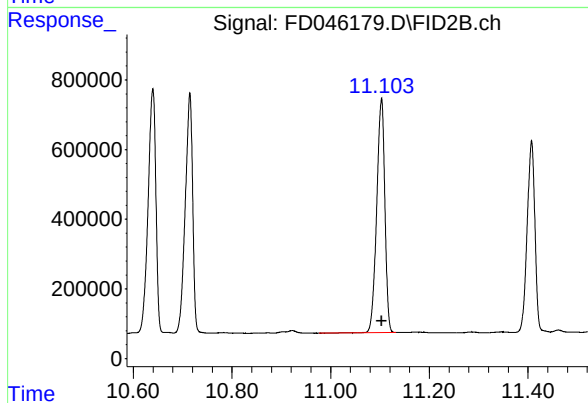
#6 n-Tetradecane (C14)

R.T.: 8.079 min
Delta R.T.: 0.002 min
Response: 7978146
Conc: 50.15 ug/ml



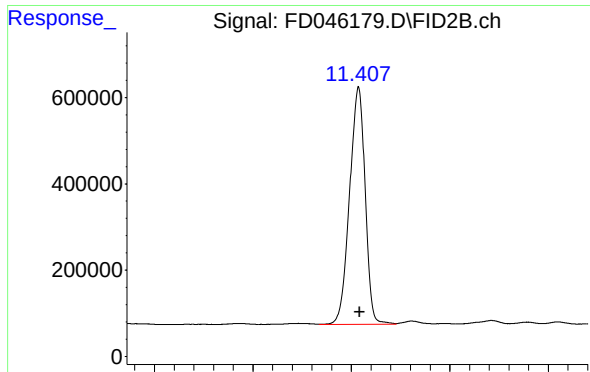
#7 n-Hexadecane (C16)

R.T.: 9.669 min
Delta R.T.: 0.000 min
Response: 7852056
Conc: 48.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.103 min
Delta R.T.: 0.000 min
Response: 7716756
Conc: 47.84 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.407 min
Delta R.T.: -0.001 min
Response: 6055144
Conc: 34.73 ug/ml

Instrument :

FID_D

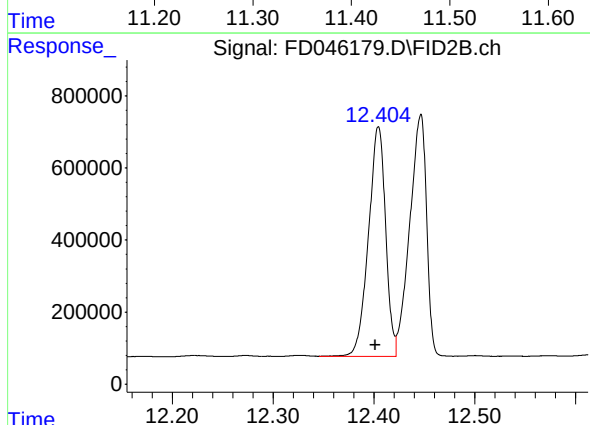
ClientSampleId :

5MSD

Manual Integrations

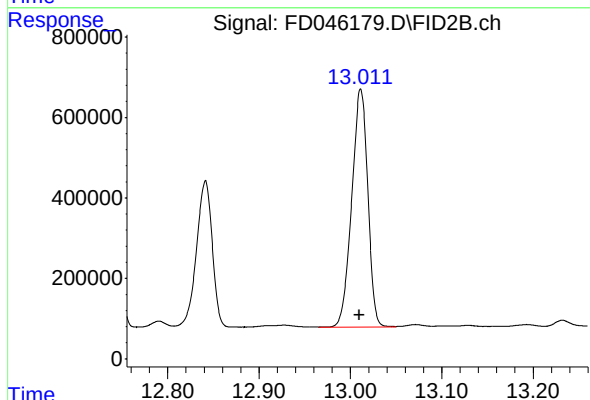
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :Ankita Jodhani 07/24/2023



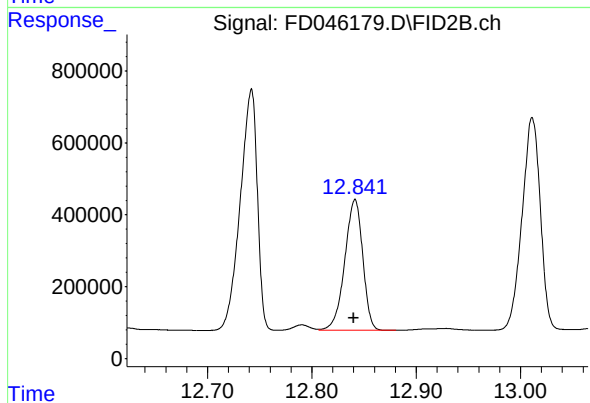
#10 n-Eicosane (C20)

R.T.: 12.405 min
Delta R.T.: 0.003 min
Response: 7540894
Conc: 50.52 ug/ml



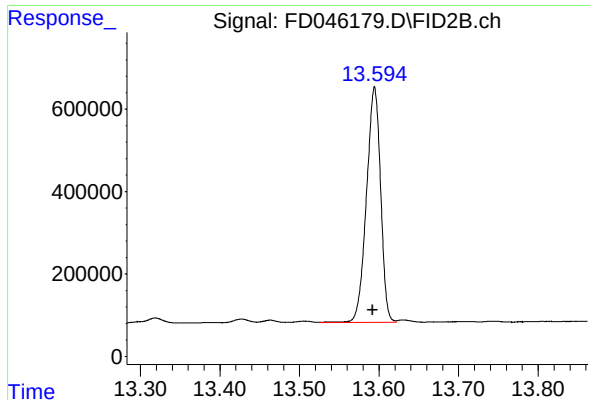
#11 n-Heneicosane (C21)

R.T.: 13.011 min
Delta R.T.: 0.001 min
Response: 7216381
Conc: 49.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.841 min
Delta R.T.: 0.001 min
Response: 4365121
Conc: 36.28 ug/ml



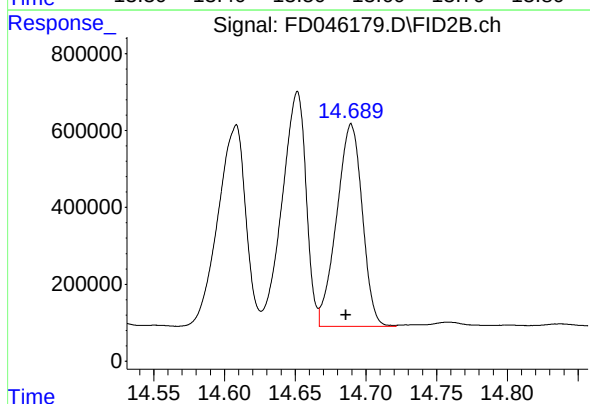
#13 n-Docosane (C22)

R.T.: 13.594 min
Delta R.T.: 0.003 min
Response: 7056398
Conc: 50.50 ug/ml

Instrument :
FID_D
ClientSampleId :
5MSD

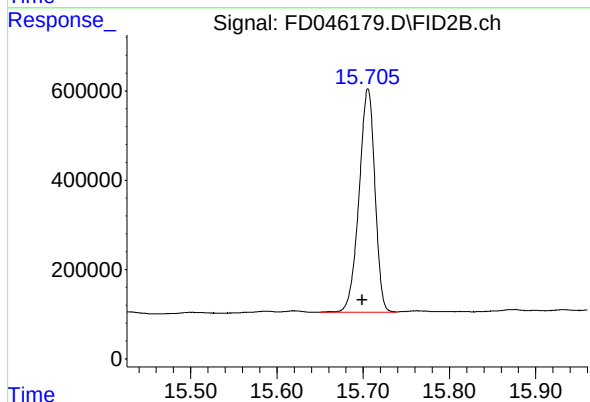
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :Ankita Jodhani 07/24/2023



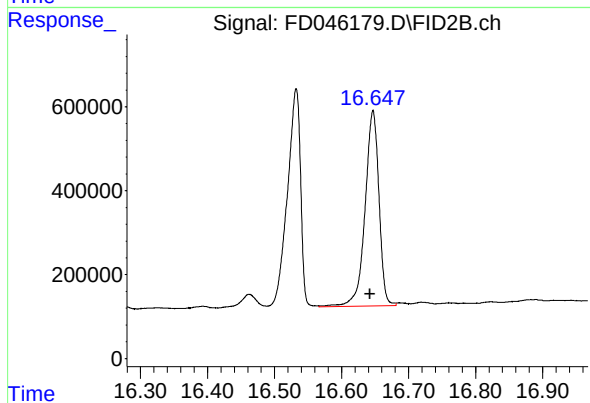
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: 0.004 min
Response: 6644976
Conc: 48.26 ug/ml



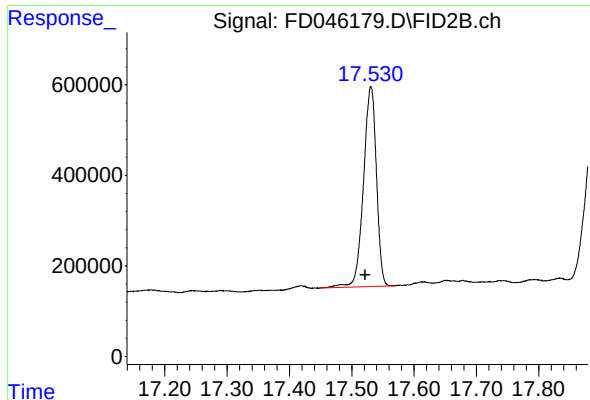
#15 n-Hexacosane (C26)

R.T.: 15.706 min
Delta R.T.: 0.007 min
Response: 6407708
Conc: 50.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.647 min
Delta R.T.: 0.005 min
Response: 6719466
Conc: 55.18 ug/ml



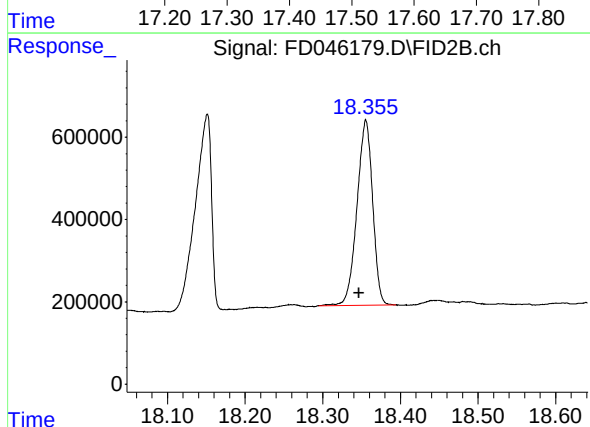
#17 n-Tricontane (C30)

R.T.: 17.530 min
Delta R.T.: 0.009 min
Response: 6399695
Conc: 51.71 ug/ml

Instrument :
FID_D
ClientSampleId :
5MSD

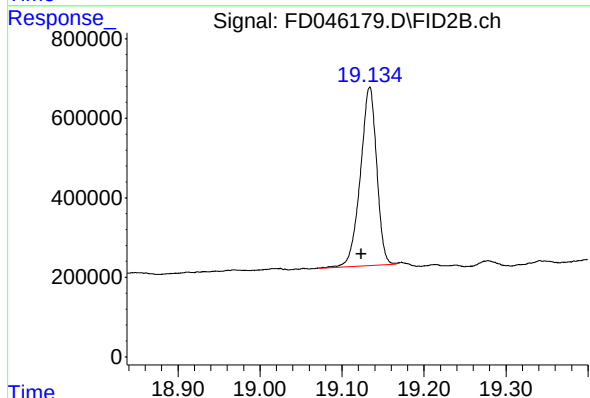
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :Ankita Jodhani 07/24/2023



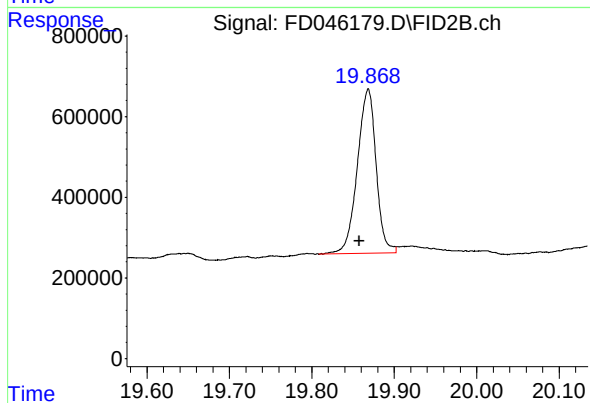
#18 n-Dotriacontane (C32)

R.T.: 18.355 min
Delta R.T.: 0.008 min
Response: 6321645
Conc: 51.77 ug/ml m



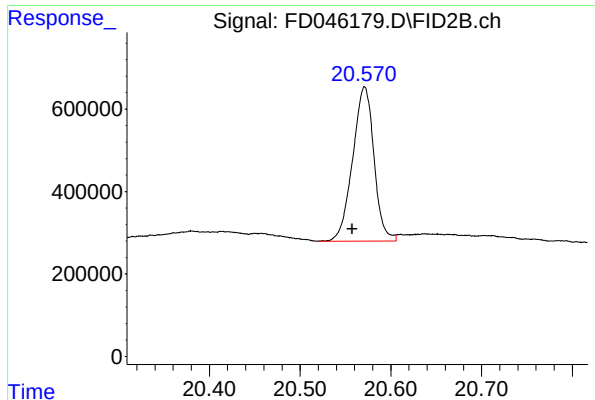
#19 n-Tetratriacontane (C34)

R.T.: 19.134 min
Delta R.T.: 0.010 min
Response: 6208927
Conc: 48.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.868 min
Delta R.T.: 0.011 min
Response: 6447621
Conc: 56.30 ug/ml m



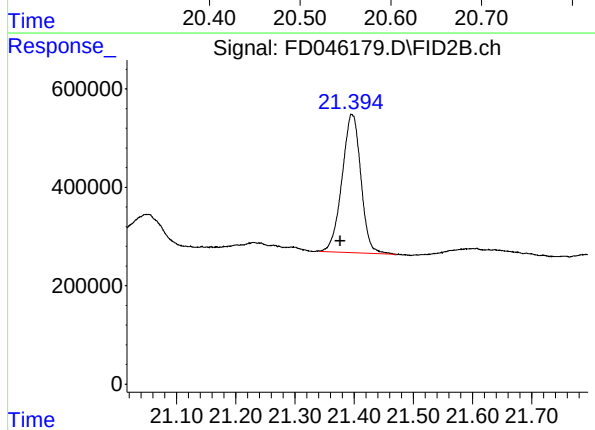
#21 n-Octatriacontane (C38)

R.T.: 20.570 min
Delta R.T.: 0.012 min
Response: 6125202
Conc: 54.40 ug/ml

Instrument :
FID_D
ClientSampleId :
5MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :Ankita Jodhani 07/24/2023



#22 n-Tetracontane (C40)

R.T.: 21.394 min
Delta R.T.: 0.018 min
Response: 6218256
Conc: 57.97 ug/ml m