

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123024AL\
 Data File : FE051807.D
 Signal(s) : FID1B.ch
 Acq On : 30 Dec 2024 13:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2024
 Supervised By :Ankita Jodhani 12/31/2024

Integration File: autoint1.e
 Quant Time: Dec 31 02:14:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 30 09:52:06 2024
 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)	12.047	3065623	20.240 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	13.468	2357206	20.263 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
Target Compounds			
1) T n-Nonane (C9)	3.500	2356539	20.317 ug/ml
2) T n-Decane (C10)	4.734	2449528	20.357 ug/ml
3) T A~Naphthalene (C11.7)	6.429	2827601	20.343 ug/ml
4) T n-Dodecane (C12)	6.876	2550140	20.297 ug/ml
5) T A~2-methylnaphthalene...	7.514	2777260	20.289 ug/ml
6) T n-Tetradecane (C14)	8.690	2606595	20.270 ug/ml
7) T n-Hexadecane (C16)	10.287	2759674	20.279 ug/ml
8) T n-Octadecane (C18)	11.722	2825542	20.179 ug/ml
10) T n-Eicosane (C20)	13.024	2739566	20.241 ug/ml
11) T n-Heneicosane (C21)	13.633	2694411	20.227 ug/ml
13) T n-Docosane (C22)	14.216	2680394	20.305 ug/ml
14) T n-Tetracosane (C24)	15.313	2655403	20.464 ug/ml
15) T n-Hexacosane (C26)	16.329	2573215	20.489 ug/ml
16) T n-Octacosane (C28)	17.274	2499421	20.704 ug/ml
17) T n-Tricontane (C30)	18.157	2497742	20.754 ug/ml
18) T n-Dotriacontane (C32)	18.985	2376714	20.767 ug/ml
19) T n-Tetratriacontane (C34)	19.766	2092142	20.743 ug/ml
20) T n-Hexatriacontane (C36)	20.500	1851414	20.772 ug/mlm
21) T n-Octatriacontane (C38)	21.252	1795506	20.912 ug/mlm
22) T n-Tetracontane (C40)	22.202	1907028	21.623 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123024AL\
Data File : FE051807.D
Signal(s) : FID1B.ch
Acq On : 30 Dec 2024 13:51
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

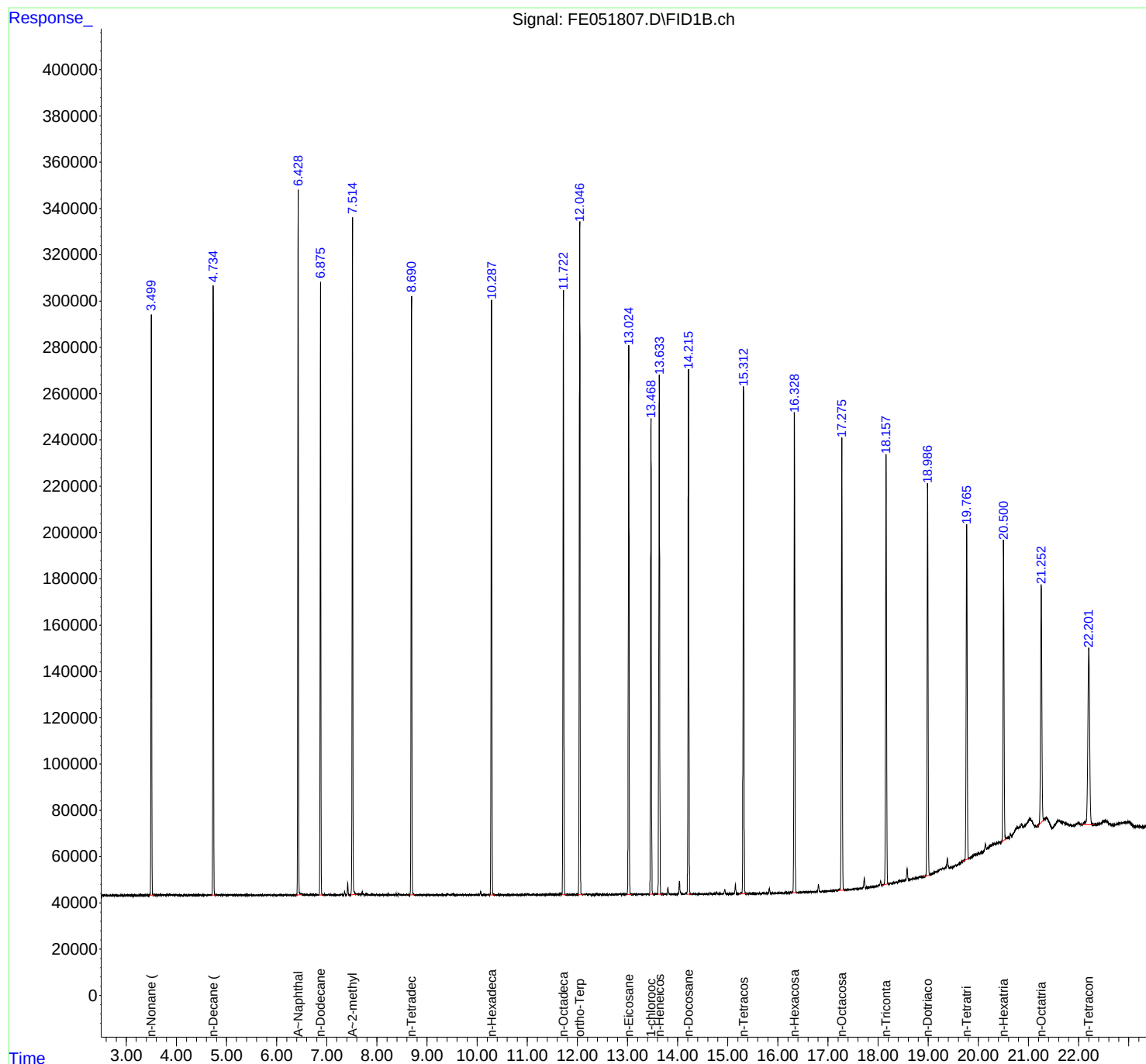
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

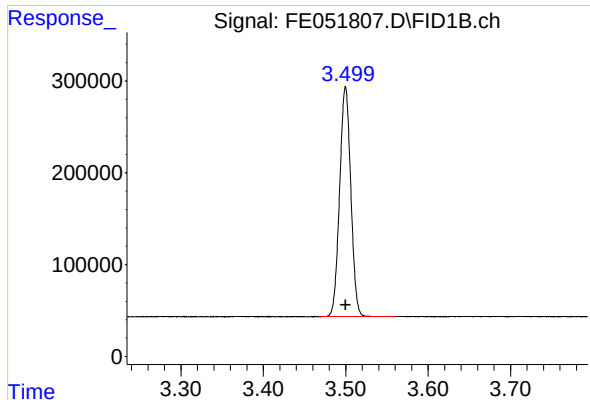
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2024
Supervised By :Ankita Jodhani 12/31/2024

Integration File: autoint1.e
Quant Time: Dec 31 02:14:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.
Quant Title : GC Extractables
QLast Update : Mon Dec 30 09:52:06 2024
Response via : Initial Calibration
Integrator: ChemStation

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





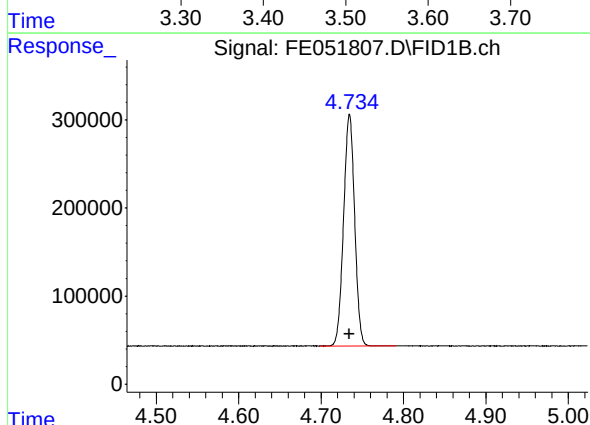
#1 n-Nonane (C9)

R.T.: 3.500 min
Delta R.T.: 0.000 min
Response: 2356539
Conc: 20.32 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

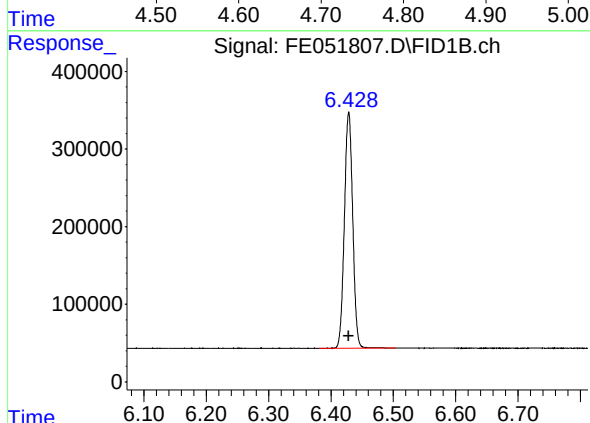
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2024
Supervised By :Ankita Jodhani 12/31/2024



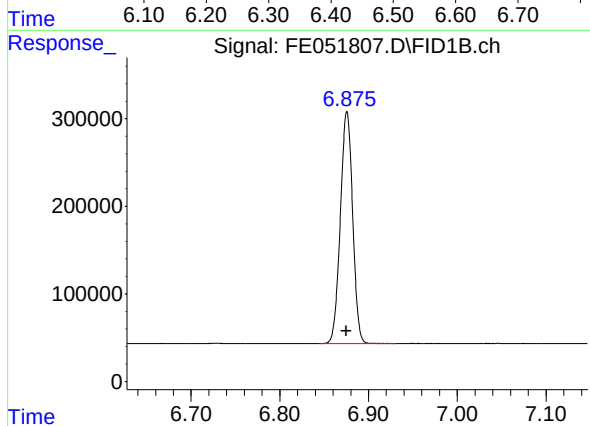
#2 n-Decane (C10)

R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 2449528
Conc: 20.36 ug/ml



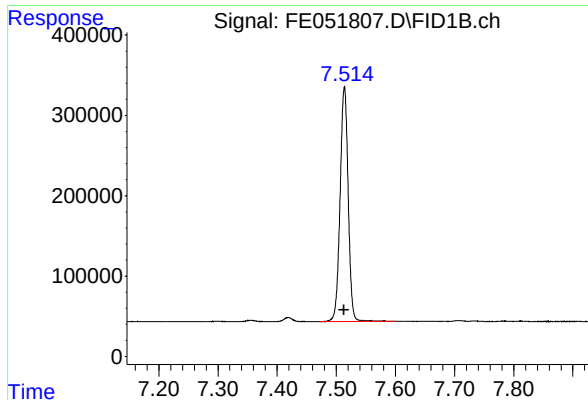
#3 A~Naphthalene (C11.7)

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 2827601
Conc: 20.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 2550140
Conc: 20.30 ug/ml



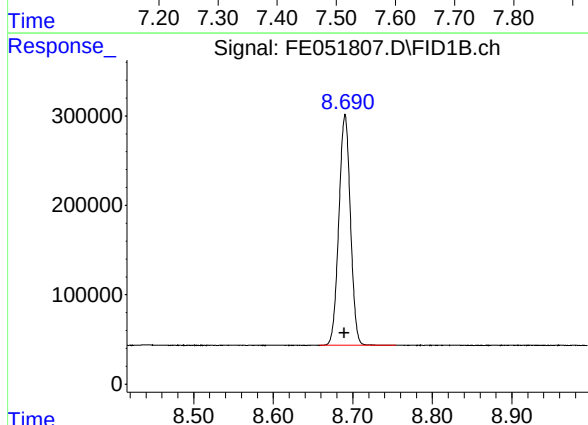
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 2777260
Conc: 20.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

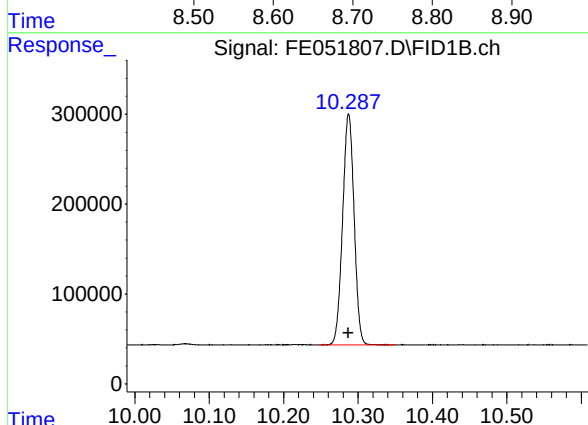
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2024
Supervised By :Ankita Jodhani 12/31/2024



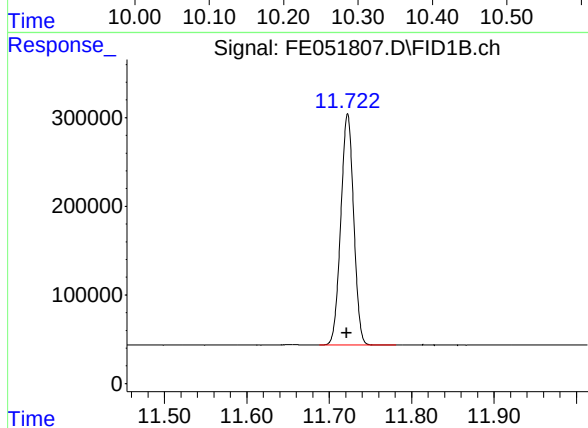
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 2606595
Conc: 20.27 ug/ml



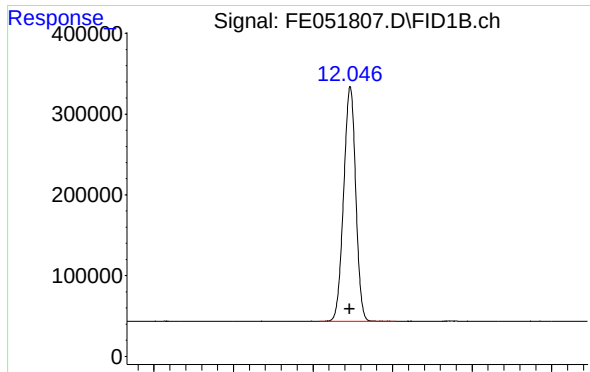
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: 0.000 min
Response: 2759674
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.722 min
Delta R.T.: 0.001 min
Response: 2825542
Conc: 20.18 ug/ml



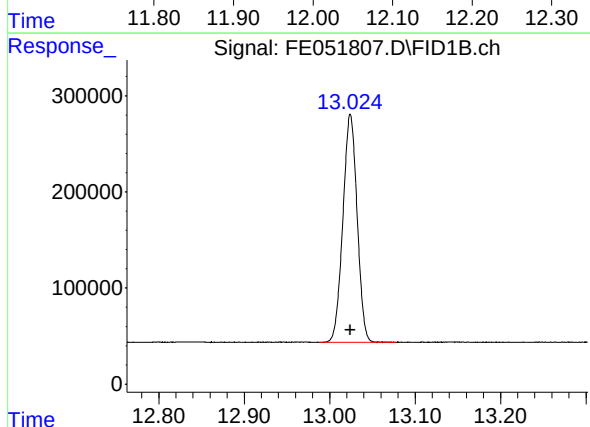
#9 ortho-Terphenyl (SURR)

R.T.: 12.047 min
Delta R.T.: 0.000 min
Response: 3065623
Conc: 20.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

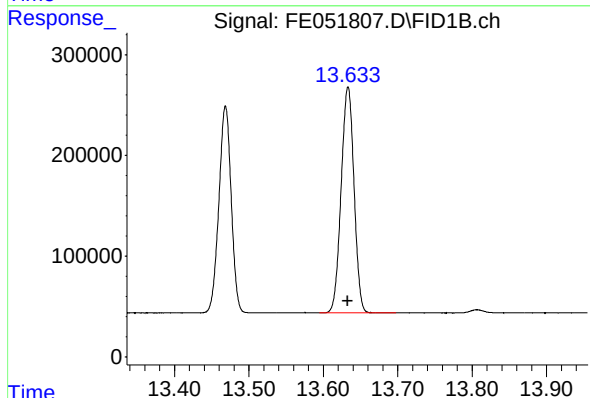
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2024
Supervised By :Ankita Jodhani 12/31/2024



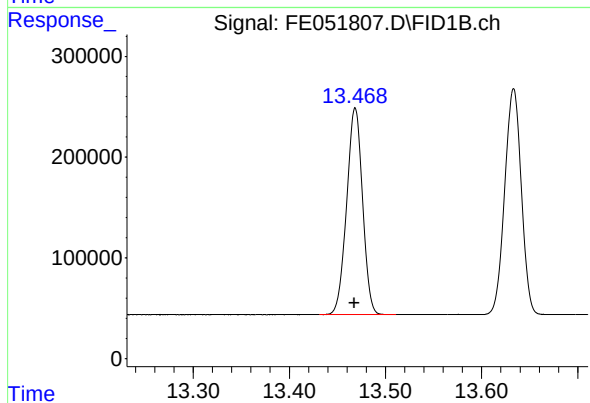
#10 n-Eicosane (C20)

R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 2739566
Conc: 20.24 ug/ml



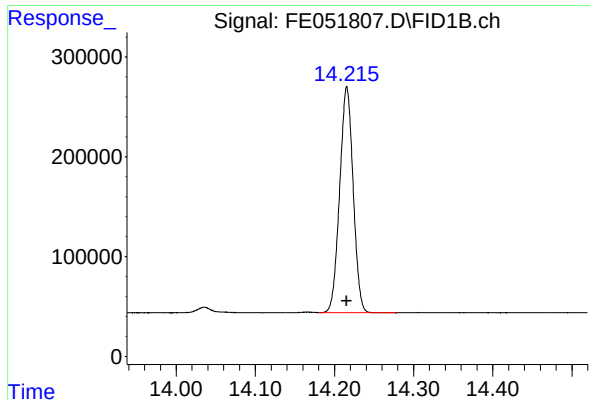
#11 n-Heneicosane (C21)

R.T.: 13.633 min
Delta R.T.: 0.000 min
Response: 2694411
Conc: 20.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.468 min
Delta R.T.: 0.000 min
Response: 2357206
Conc: 20.26 ug/ml



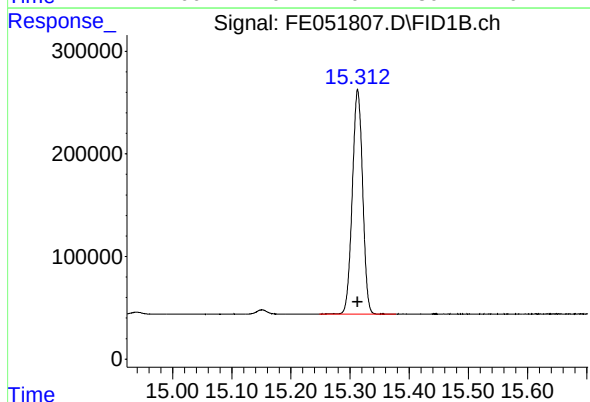
#13 n-Docosane (C22)

R.T.: 14.216 min
Delta R.T.: 0.000 min
Response: 2680394
Conc: 20.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

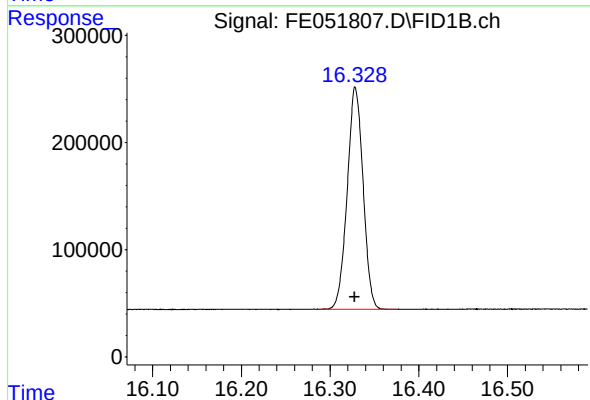
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2024
Supervised By :Ankita Jodhani 12/31/2024



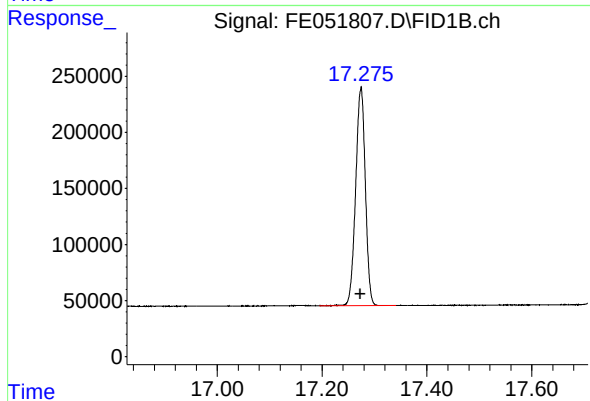
#14 n-Tetracosane (C24)

R.T.: 15.313 min
Delta R.T.: 0.000 min
Response: 2655403
Conc: 20.46 ug/ml



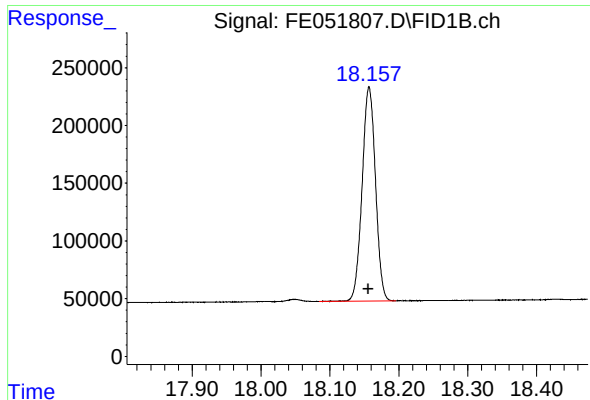
#15 n-Hexacosane (C26)

R.T.: 16.329 min
Delta R.T.: 0.001 min
Response: 2573215
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.274 min
Delta R.T.: 0.001 min
Response: 2499421
Conc: 20.70 ug/ml



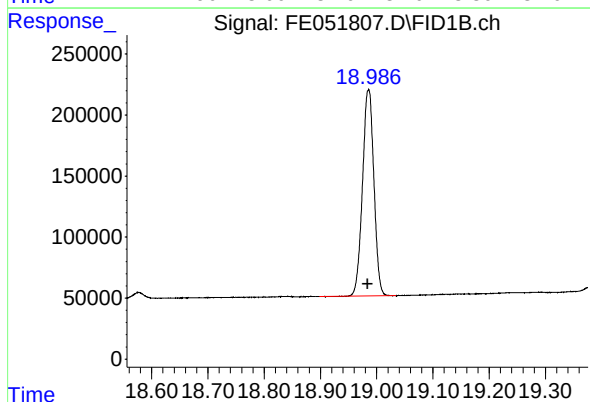
#17 n-Tricontane (C30)

R.T.: 18.157 min
Delta R.T.: 0.001 min
Response: 2497742
Conc: 20.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

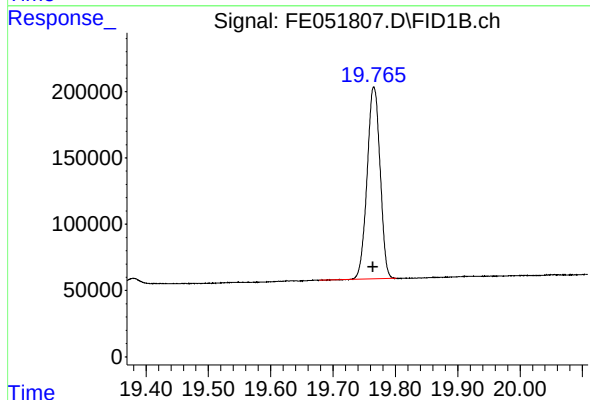
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2024
Supervised By :Ankita Jodhani 12/31/2024



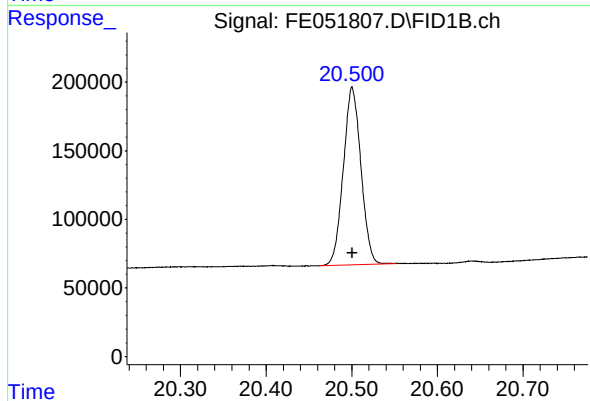
#18 n-Dotriacontane (C32)

R.T.: 18.985 min
Delta R.T.: 0.001 min
Response: 2376714
Conc: 20.77 ug/ml



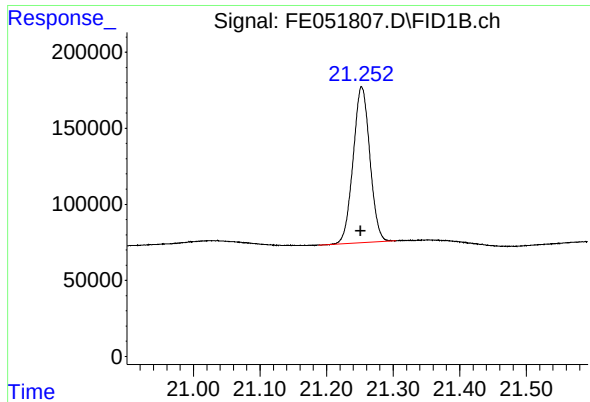
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: 0.002 min
Response: 2092142
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.500 min
Delta R.T.: 0.000 min
Response: 1851414
Conc: 20.77 ug/ml m



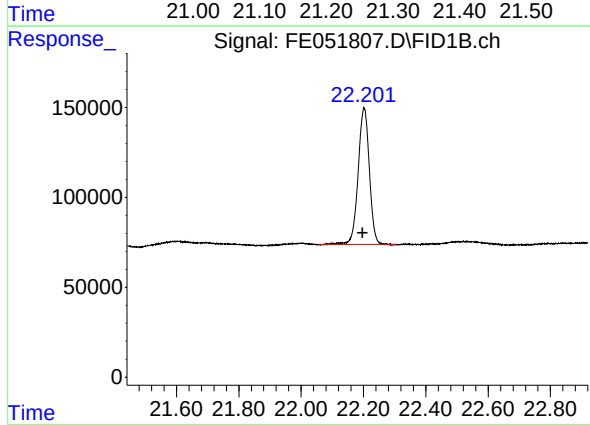
#21 n-Octatriacontane (C38)

R.T.: 21.252 min
Delta R.T.: 0.000 min
Response: 1795506
Conc: 20.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2024
Supervised By :Ankita Jodhani 12/31/2024



#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: 0.004 min
Response: 1907028
Conc: 21.62 ug/ml