

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
 Data File : FE056532.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2025 09:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File: sample.E
 Quant Time: Oct 29 04:01:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 Qlast Update : Tue Oct 28 14:34:40 2025
 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)	11.984	4072612	19.935 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.424	3031406	19.868 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.340	3231297	19.824 ug/ml
2) T n-Decane (C10)	4.593	3555974	21.623 ug/ml
3) T A~Naphthalene (C11.7)	6.306	3758428	21.261 ug/ml
4) T n-Dodecane (C12)	6.766	3714985	22.142 ug/ml
5) T A~2-methylnaphthalene...	7.406	3620113	21.726 ug/ml
6) T n-Tetradecane (C14)	8.601	3648305	21.960 ug/ml
7) T n-Hexadecane (C16)	10.214	3743676	21.398 ug/ml
8) T n-Octadecane (C18)	11.663	3782431	20.735 ug/ml
10) T n-Eicosane (C20)	12.977	3584222	20.130 ug/ml
11) T n-Heneicosane (C21)	13.590	3493034	19.909 ug/ml
13) T n-Docosane (C22)	14.179	3476489	19.640 ug/ml
14) T n-Tetracosane (C24)	15.285	3468887	19.066 ug/ml
15) T n-Hexacosane (C26)	16.308	3385072	18.857 ug/ml
16) T n-Octacosane (C28)	17.261	3330899	18.724 ug/mlm
17) T n-Tricontane (C30)	18.151	3538883	19.491 ug/ml
18) T n-Dotriacontane (C32)	18.985	3512340	19.923 ug/mlm
19) T n-Tetratriacontane (C34)	19.770	3145260	20.318 ug/ml
20) T n-Hexatriacontane (C36)	20.511	2724953	21.811 ug/ml
21) T n-Octatriacontane (C38)	21.266	2470959	23.650 ug/mlm
22) T n-Tetracontane (C40)	22.215	2376825	26.193 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
Data File : FE056532.D
Signal(s) : FID1B.ch
Acq On : 28 Oct 2025 09:08
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

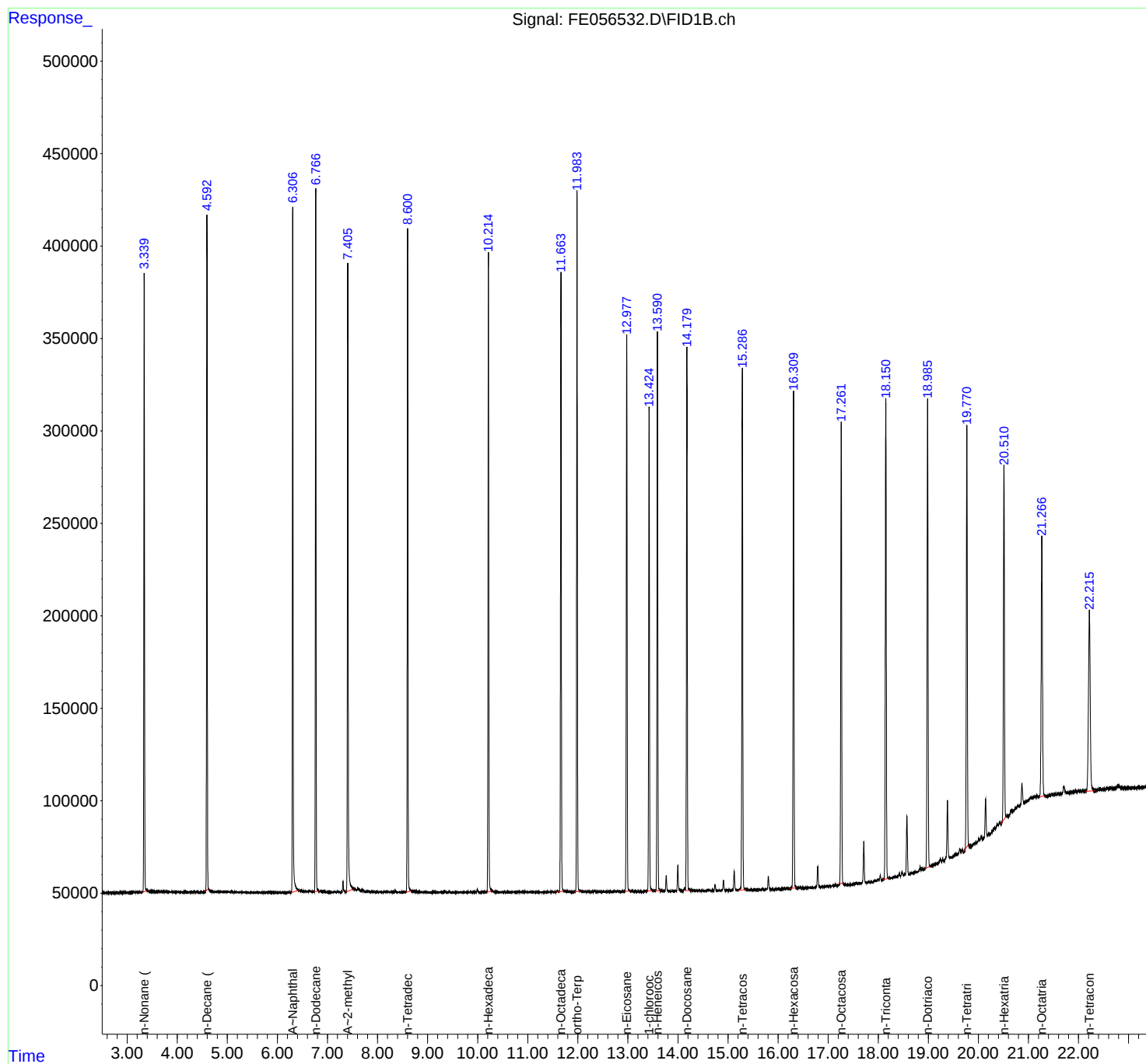
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

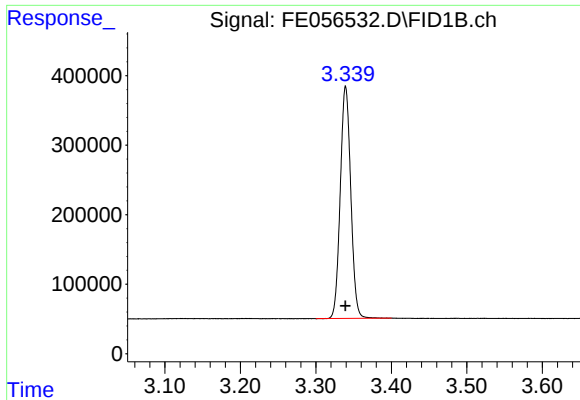
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File: sample.E
Quant Time: Oct 29 04:01:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 14:34:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





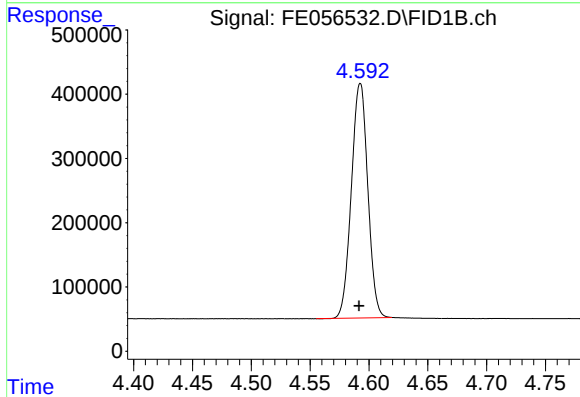
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: 0.000 min
Response: 3231297
Conc: 19.82 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

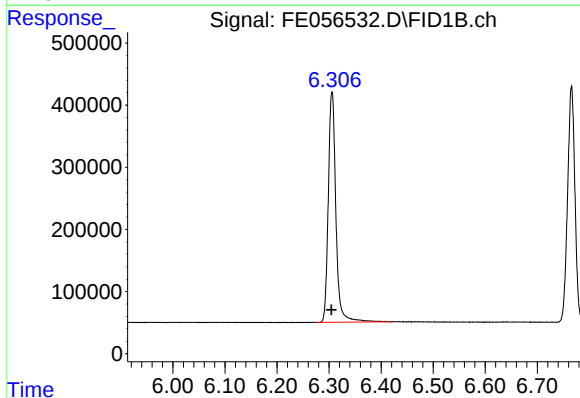
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



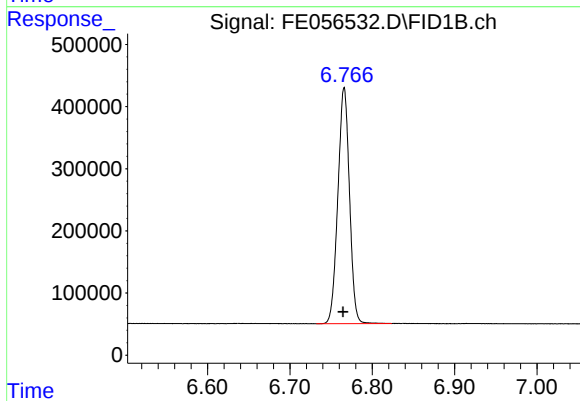
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 3555974
Conc: 21.62 ug/ml



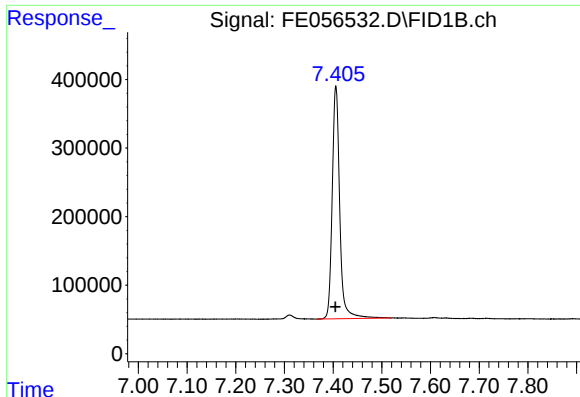
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 3758428
Conc: 21.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: 0.001 min
Response: 3714985
Conc: 22.14 ug/ml



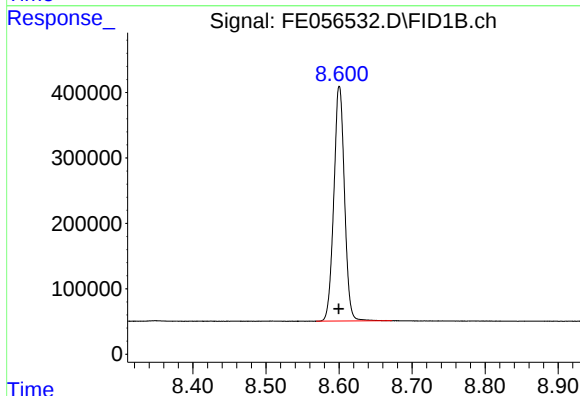
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.001 min
Response: 3620113
Conc: 21.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

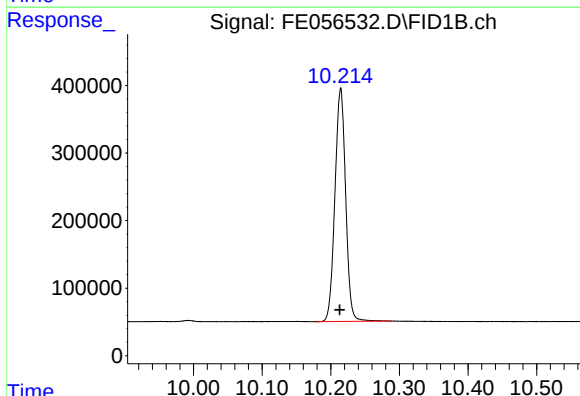
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



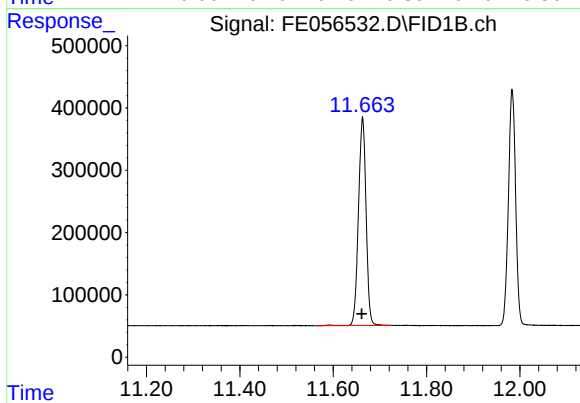
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.001 min
Response: 3648305
Conc: 21.96 ug/ml



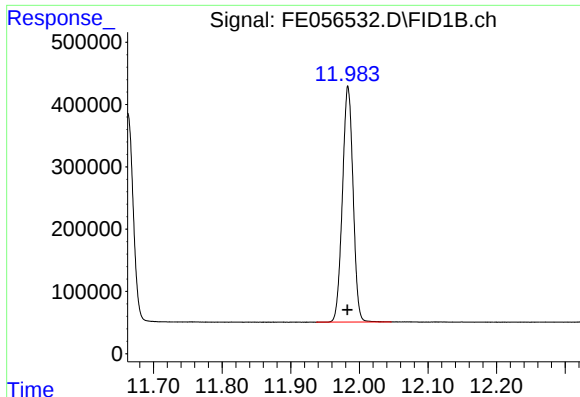
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.001 min
Response: 3743676
Conc: 21.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.663 min
Delta R.T.: 0.002 min
Response: 3782431
Conc: 20.74 ug/ml



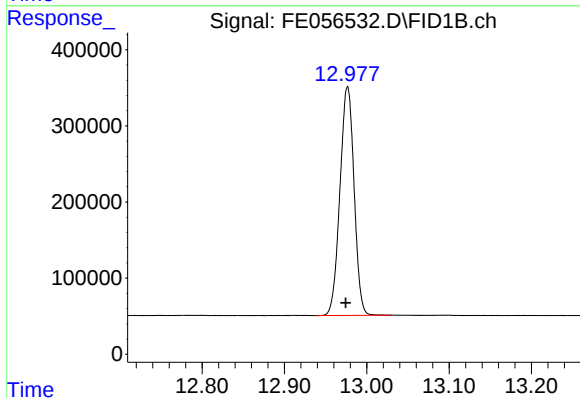
#9 ortho-Terphenyl (SURR)

R.T.: 11.984 min
Delta R.T.: 0.001 min
Response: 4072612
Conc: 19.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

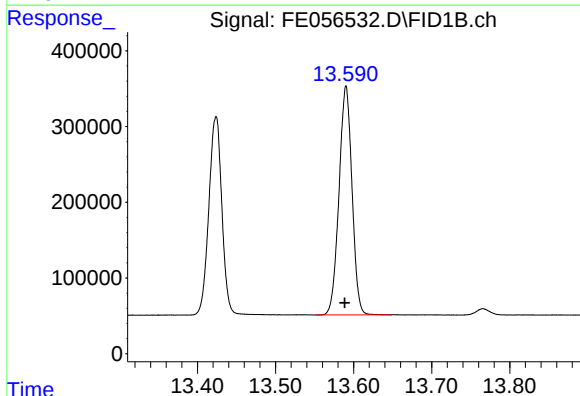
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



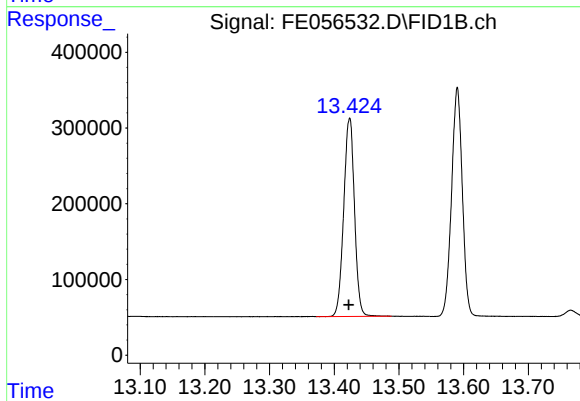
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.002 min
Response: 3584222
Conc: 20.13 ug/ml



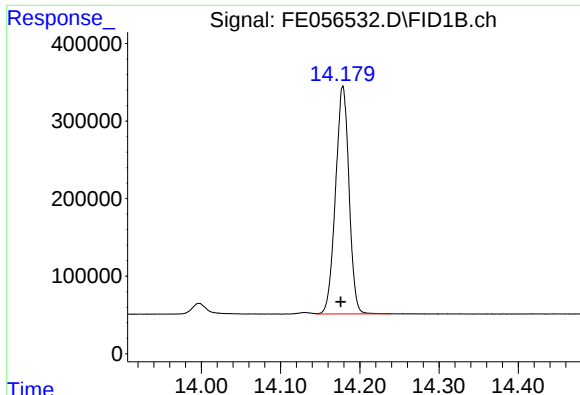
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: 0.002 min
Response: 3493034
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.424 min
Delta R.T.: 0.001 min
Response: 3031406
Conc: 19.87 ug/ml



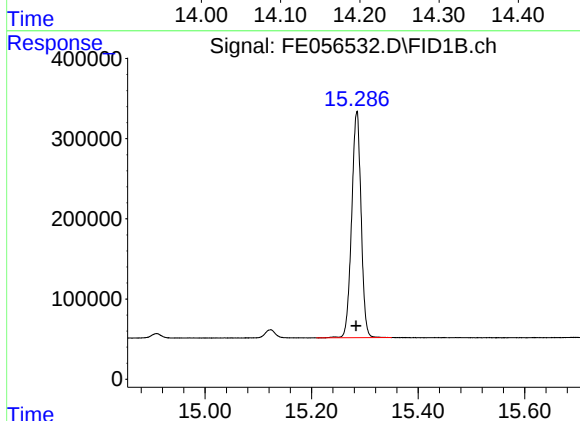
#13 n-Docosane (C22)

R.T.: 14.179 min
Delta R.T.: 0.003 min
Response: 3476489
Conc: 19.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

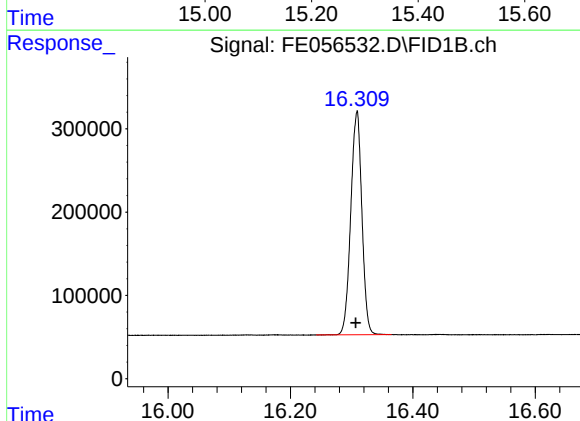
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



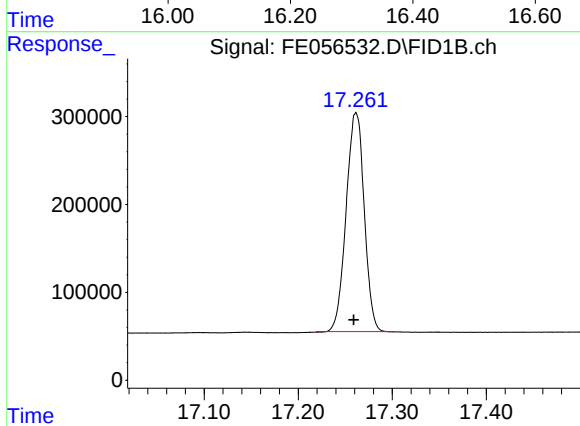
#14 n-Tetracosane (C24)

R.T.: 15.285 min
Delta R.T.: 0.001 min
Response: 3468887
Conc: 19.07 ug/ml



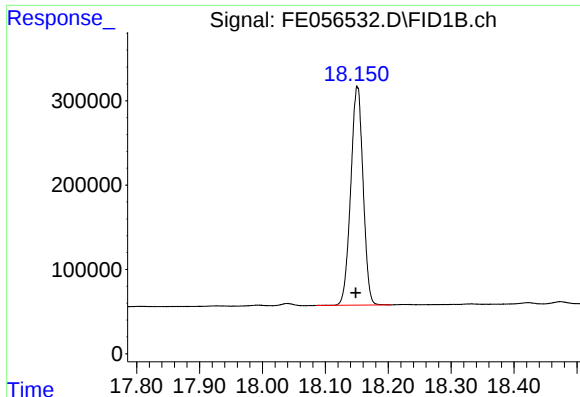
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.002 min
Response: 3385072
Conc: 18.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.261 min
Delta R.T.: 0.002 min
Response: 3330899
Conc: 18.72 ug/ml m



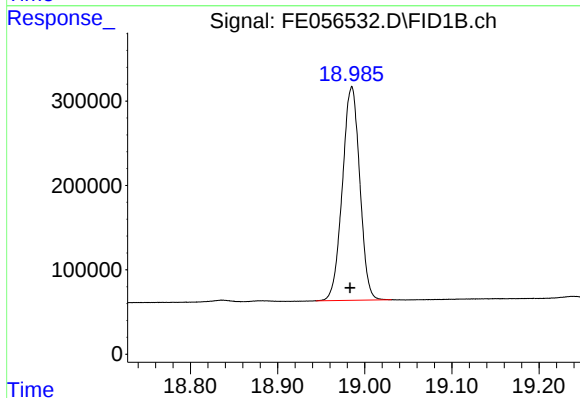
#17 n-Tricontane (C30)

R.T.: 18.151 min
Delta R.T.: 0.003 min
Response: 3538883
Conc: 19.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

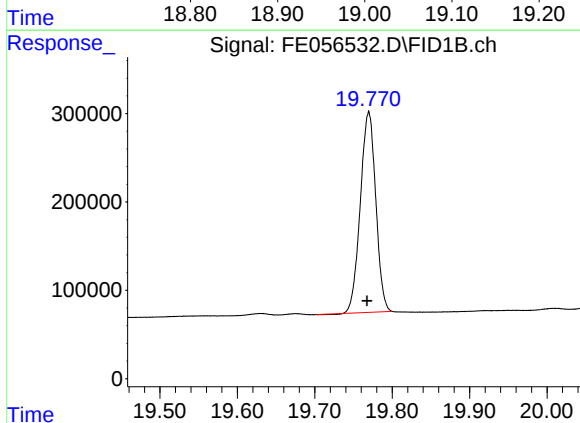
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



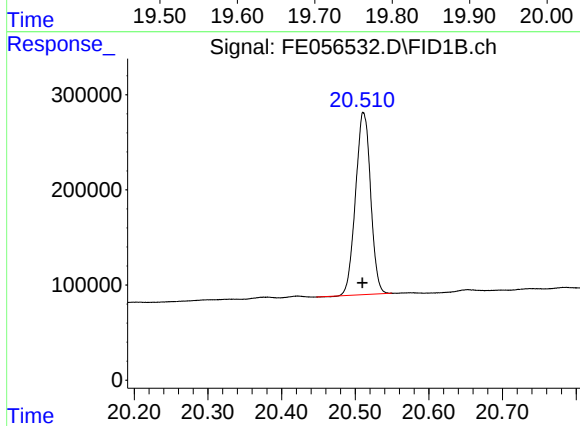
#18 n-Dotriacontane (C32)

R.T.: 18.985 min
Delta R.T.: 0.002 min
Response: 3512340
Conc: 19.92 ug/ml m



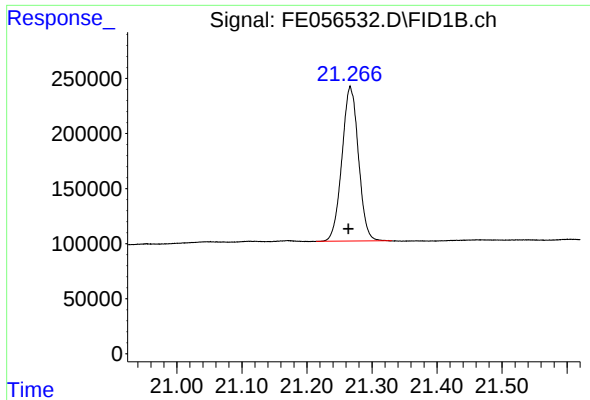
#19 n-Tetratriacontane (C34)

R.T.: 19.770 min
Delta R.T.: 0.002 min
Response: 3145260
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.511 min
Delta R.T.: 0.002 min
Response: 2724953
Conc: 21.81 ug/ml



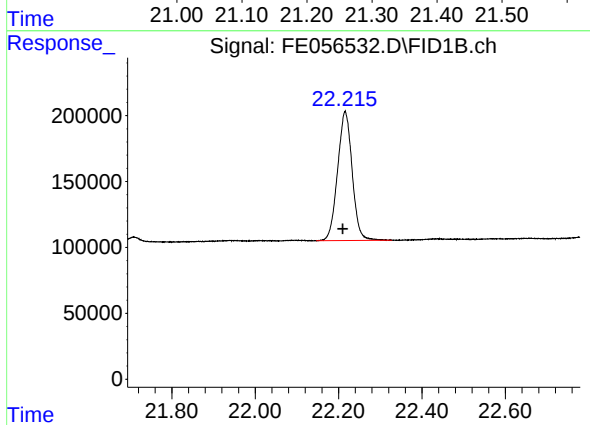
#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: 0.002 min
Response: 2470959
Conc: 23.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



#22 n-Tetracontane (C40)

R.T.: 22.215 min
Delta R.T.: 0.005 min
Response: 2376825
Conc: 26.19 ug/ml m