

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057268.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2025 02:59
 Operator : YP\AJ
 Sample : Q3812-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-120825MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 05:31:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.934	6054155	27.589 ug/ml
Spiked Amount 50.000		Recovery =	55.18%
12) S 1-chlorooctadecane (S...	13.369	5361765	32.217 ug/mlm
Spiked Amount 50.000		Recovery =	64.43%
Target Compounds			
1) T n-Nonane (C9)	3.285	2408440	12.312 ug/ml
2) T n-Decane (C10)	4.541	2744296	13.568 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4837084	24.026 ug/ml
4) T n-Dodecane (C12)	6.715	3262472	15.985 ug/ml
5) T A~2-methylnaphthalene...	7.361	4285904	22.305 ug/ml
6) T n-Tetradecane (C14)	8.550	3741761	18.590 ug/ml
7) T n-Hexadecane (C16)	10.161	3872350	18.883 ug/ml
8) T n-Octadecane (C18)	11.609	4024202	19.524 ug/ml
10) T n-Eicosane (C20)	12.923	4617604	23.474 ug/ml
11) T n-Heneicosane (C21)	13.536	4031231	20.982 ug/ml
13) T n-Docosane (C22)	14.124	4518415	23.406 ug/ml
14) T n-Tetracosane (C24)	15.238	12705535	64.151 ug/ml
15) T n-Hexacosane (C26)	16.256	3614328	18.218 ug/ml
16) T n-Octacosane (C28)	17.208	3582717	17.434 ug/mlm
17) T n-Tricontane (C30)	18.099	3910101	17.423 ug/ml
18) T n-Dotriacontane (C32)	18.934	4461842	19.114 ug/ml
19) T n-Tetratriacontane (C34)	19.719	3486562	16.324 ug/ml
20) T n-Hexatriacontane (C36)	20.461	3728956	20.034 ug/ml
21) T n-Octatriacontane (C38)	21.207	3059662	17.655 ug/ml
22) T n-Tetracontane (C40)	22.141	3273824	19.428 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
Data File : FE057268.D
Signal(s) : FID1B.ch
Acq On : 10 Dec 2025 02:59
Operator : YP\AJ
Sample : Q3812-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

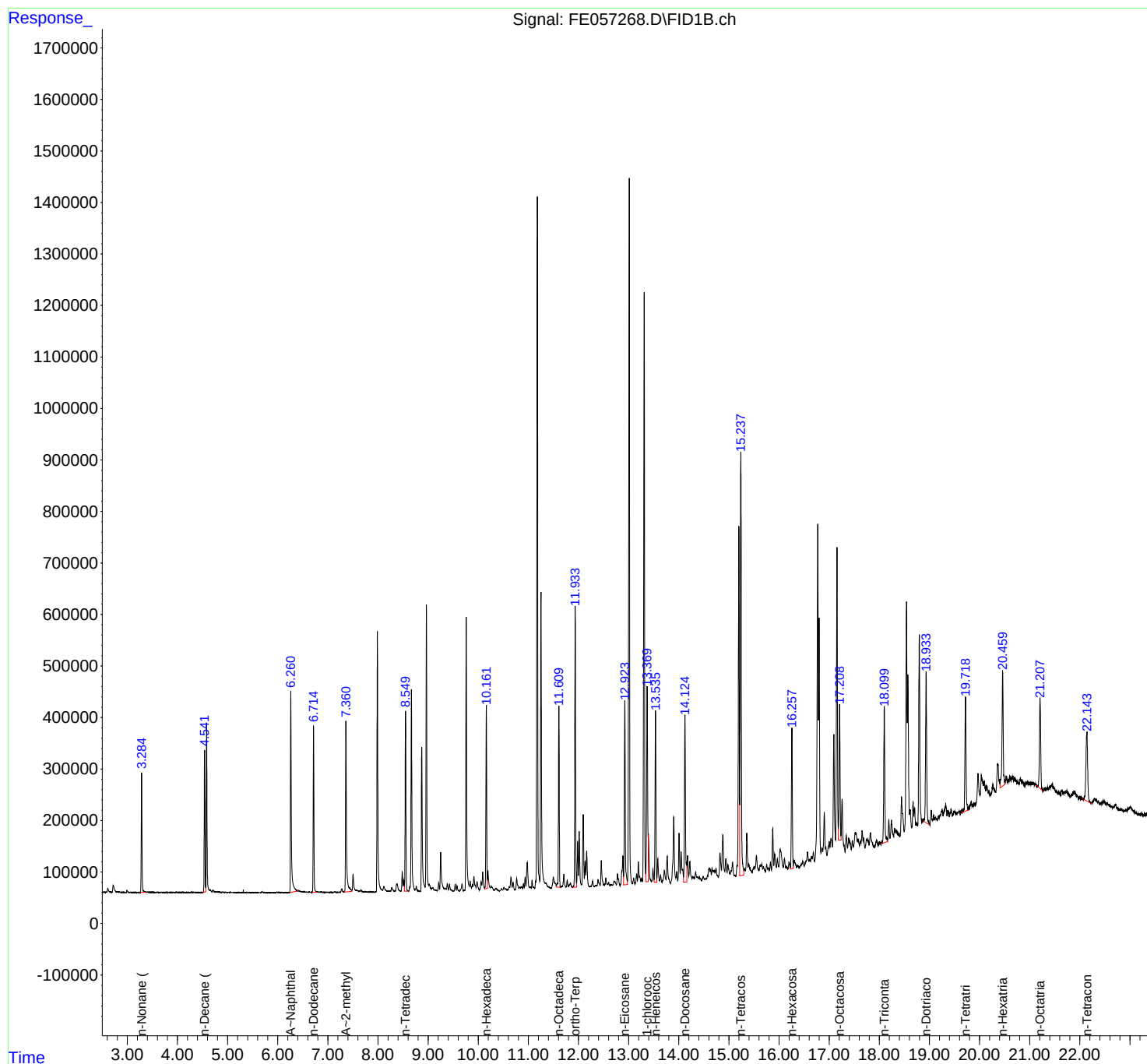
Instrument :
FID_E
ClientSampleId :
OR-02-120825MS

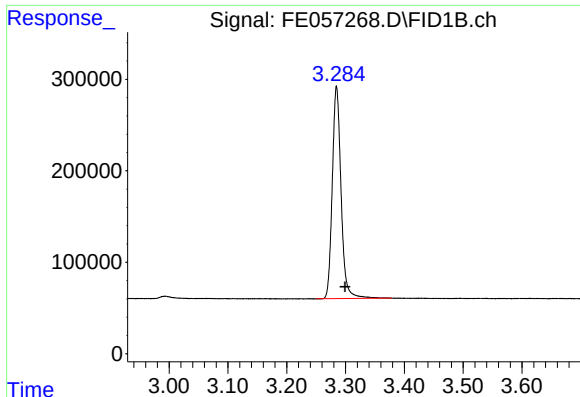
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e
Quant Time: Dec 10 05:31:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 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.: 3.285 min
Delta R.T.: -0.014 min
Response: 2408440
Conc: 12.31 ug/ml

Instrument :

FID_E

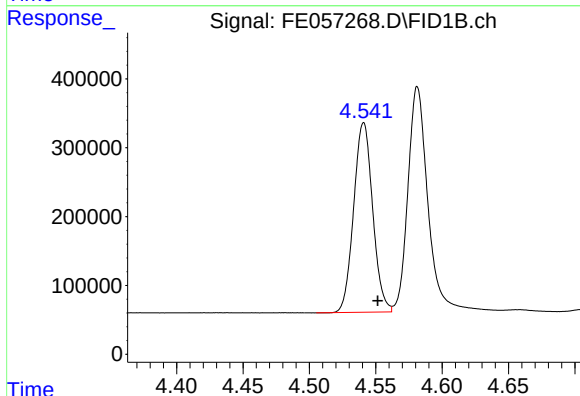
ClientSampleId :

OR-02-120825MS

Manual Integrations

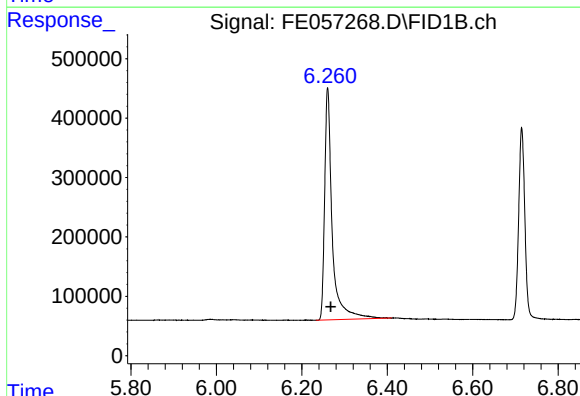
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



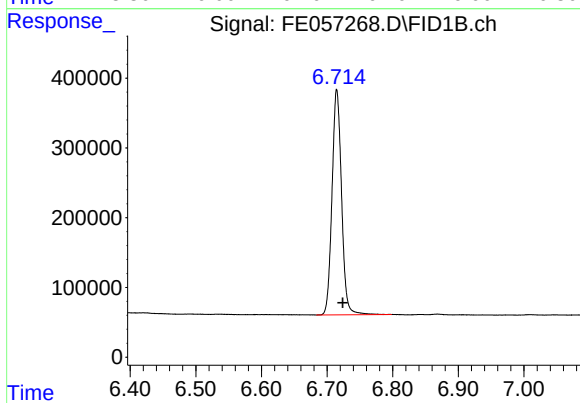
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.011 min
Response: 2744296
Conc: 13.57 ug/ml



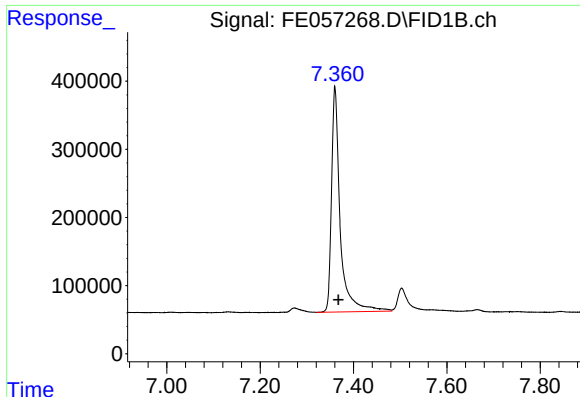
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 4837084
Conc: 24.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.009 min
Response: 3262472
Conc: 15.98 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 4285904
Conc: 22.30 ug/ml

Instrument :

FID_E

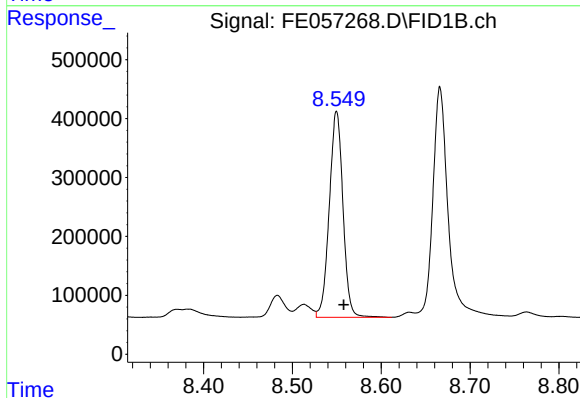
ClientSampleId :

OR-02-120825MS

Manual Integrations

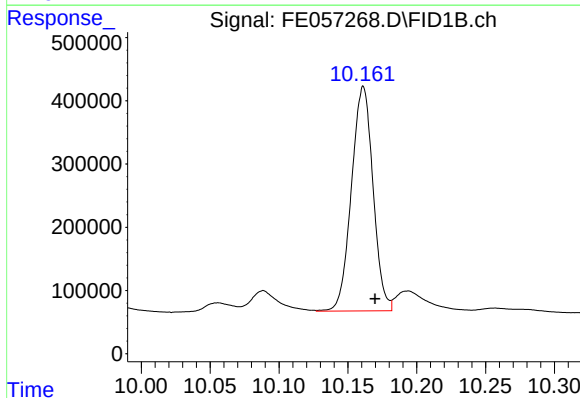
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



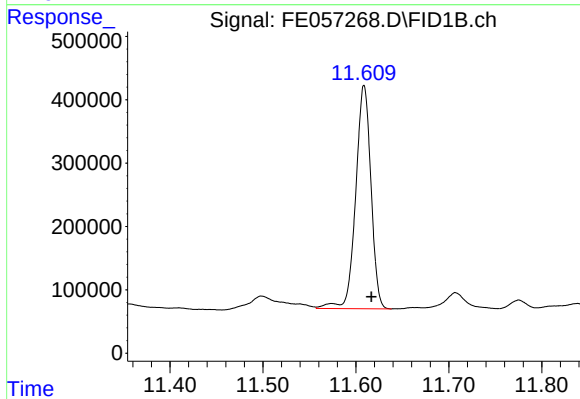
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.008 min
Response: 3741761
Conc: 18.59 ug/ml



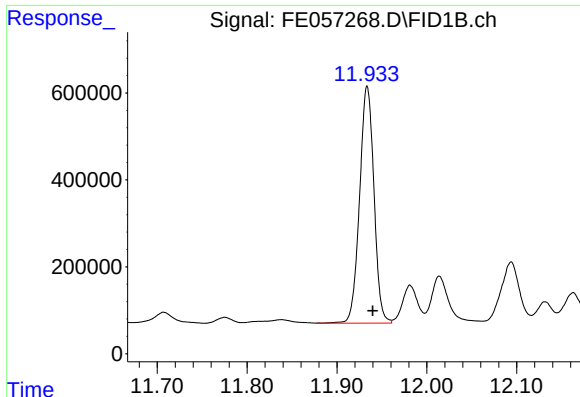
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 3872350
Conc: 18.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 4024202
Conc: 19.52 ug/ml



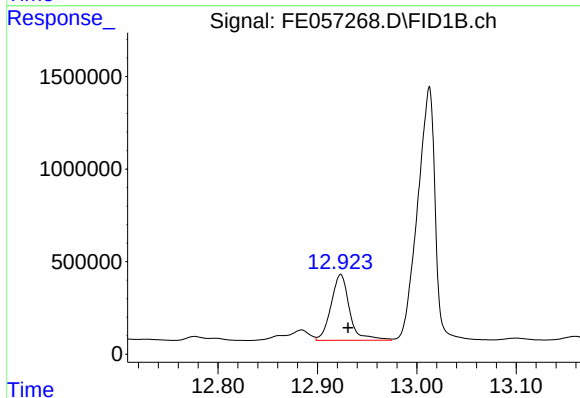
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: -0.006 min
Response: 6054155
Conc: 27.59 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-120825MS

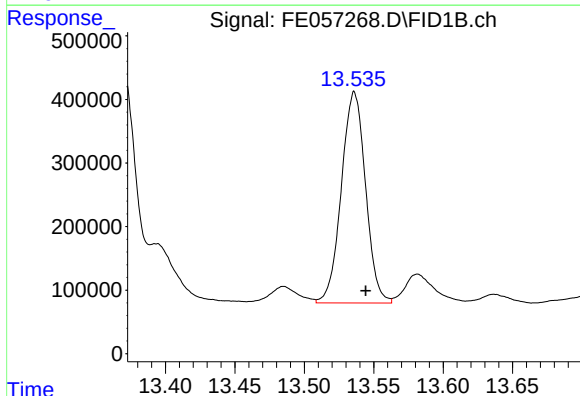
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



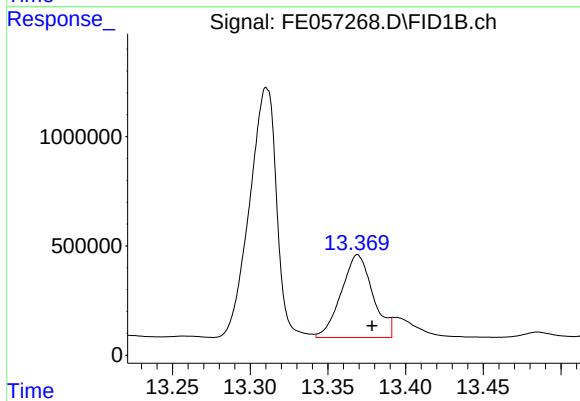
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.007 min
Response: 4617604
Conc: 23.47 ug/ml



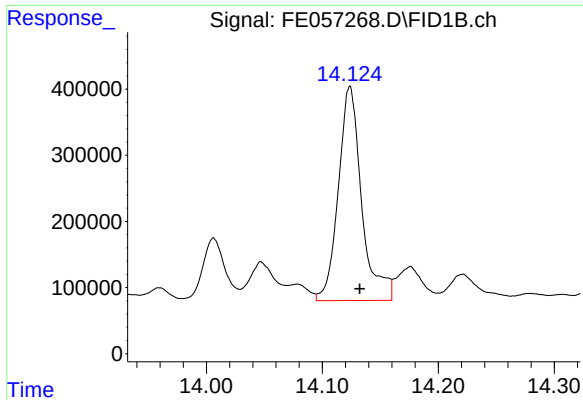
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.008 min
Response: 4031231
Conc: 20.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.009 min
Response: 5361765
Conc: 32.22 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.008 min
Response: 4518415
Conc: 23.41 ug/ml

Instrument :

FID_E

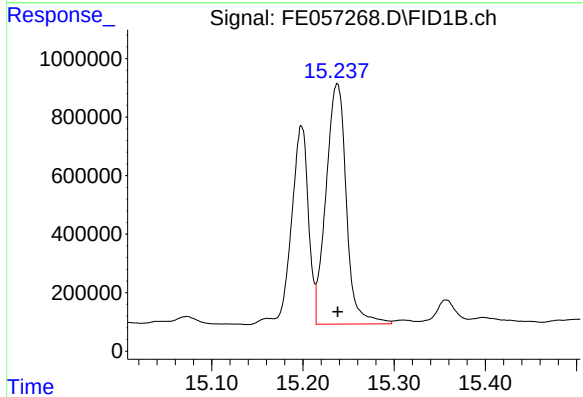
ClientSampleId :

OR-02-120825MS

Manual Integrations

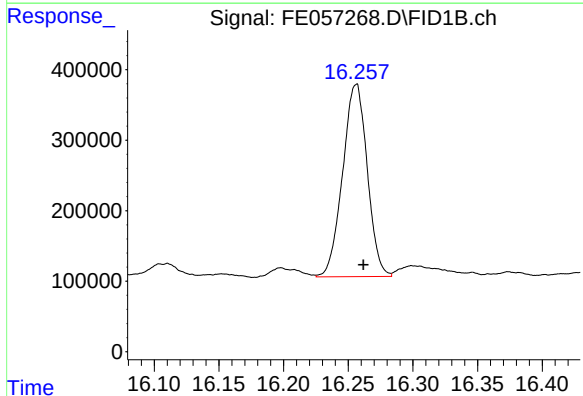
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



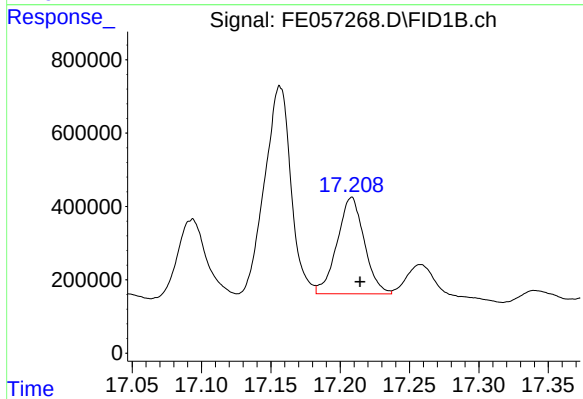
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 12705535
Conc: 64.15 ug/ml



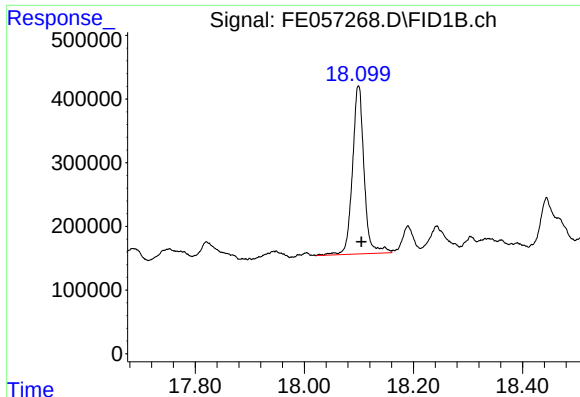
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.006 min
Response: 3614328
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: -0.006 min
Response: 3582717
Conc: 17.43 ug/ml m



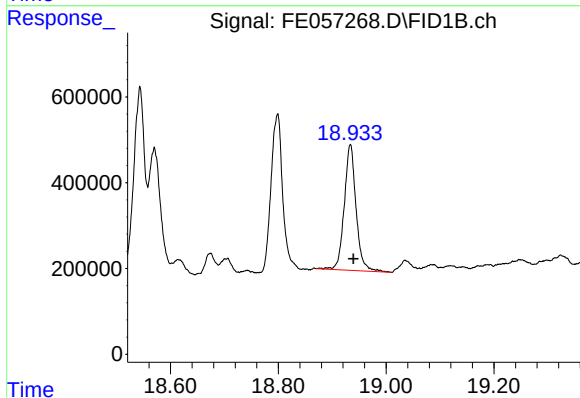
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: -0.006 min
Response: 3910101
Conc: 17.42 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-120825MS

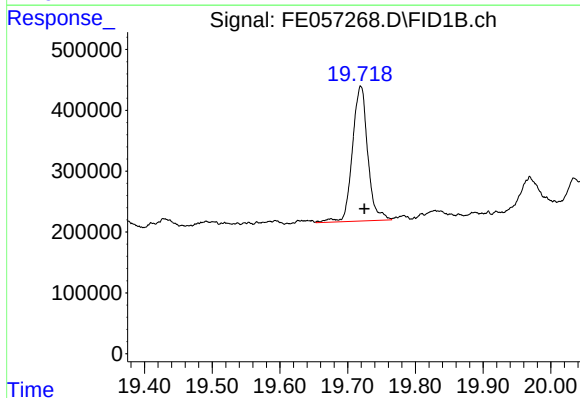
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



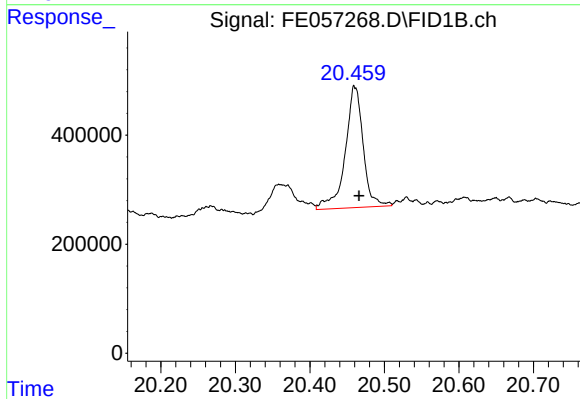
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.006 min
Response: 4461842
Conc: 19.11 ug/ml



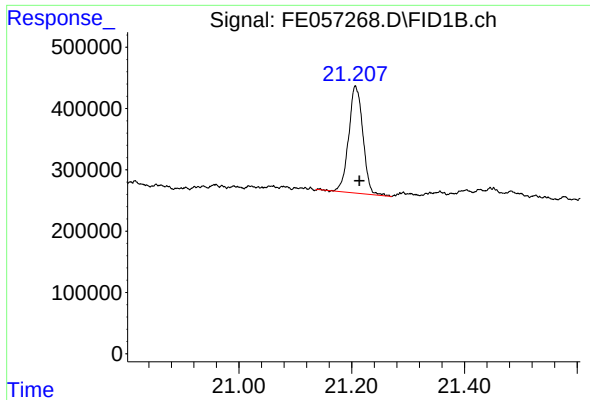
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.005 min
Response: 3486562
Conc: 16.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: -0.005 min
Response: 3728956
Conc: 20.03 ug/ml



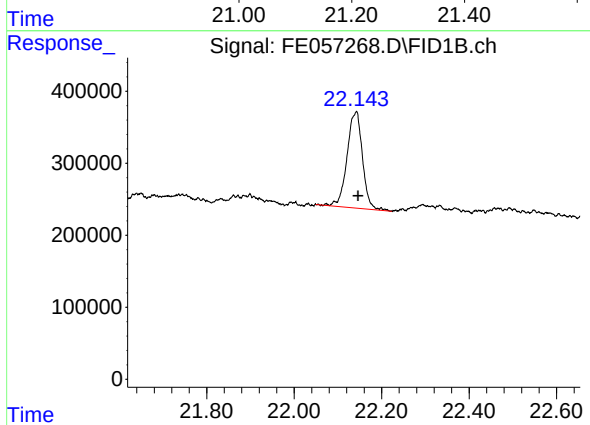
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.007 min
Response: 3059662
Conc: 17.65 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-120825MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.005 min
Response: 3273824
Conc: 19.43 ug/ml