

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
 Data File : FE057207.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 22:08
 Operator : YP\AJ
 Sample : Q3781-02MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-1242025-1-EPHMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 06 00:17:10 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)	11.936	5781550	26.347 ug/ml
Spiked Amount 50.000		Recovery =	52.69%
12) S 1-chlorooctadecane (S...	13.373	4166594	25.036 ug/ml
Spiked Amount 50.000		Recovery =	50.07%
Target Compounds			
1) T n-Nonane (C9)	3.290	2505341	12.808 ug/ml
2) T n-Decane (C10)	4.545	2933913	14.506 ug/ml
3) T A~Naphthalene (C11.7)	6.264	3873279	19.238 ug/ml
4) T n-Dodecane (C12)	6.718	3519154	17.243 ug/ml
5) T A~2-methylnaphthalene...	7.364	3768634	19.613 ug/ml
6) T n-Tetradecane (C14)	8.553	4017821	19.961 ug/ml
7) T n-Hexadecane (C16)	10.164	4168329	20.326 ug/ml
8) T n-Octadecane (C18)	11.611	4218985	20.469 ug/ml
10) T n-Eicosane (C20)	12.925	4463502	22.691 ug/ml
11) T n-Heneicosane (C21)	13.539	4091864	21.298 ug/ml
13) T n-Docosane (C22)	14.127	4131661	21.403 ug/ml
14) T n-Tetracosane (C24)	15.236	8649055	43.670 ug/ml
15) T n-Hexacosane (C26)	16.259	4142348	20.880 ug/ml
16) T n-Octacosane (C28)	17.210	5542072	26.969 ug/mlm
17) T n-Tricontane (C30)	18.103	4468455	19.911 ug/ml
18) T n-Dotriacontane (C32)	18.938	4299851	18.420 ug/ml
19) T n-Tetratriacontane (C34)	19.725	4198435	19.657 ug/ml
20) T n-Hexatriacontane (C36)	20.467	3110881	16.713 ug/ml
21) T n-Octatriacontane (C38)	21.216	2932816	16.923 ug/ml
22) T n-Tetracontane (C40)	22.150	2641465	15.675 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
Data File : FE057207.D
Signal(s) : FID1B.ch
Acq On : 05 Dec 2025 22:08
Operator : YP\AJ
Sample : Q3781-02MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

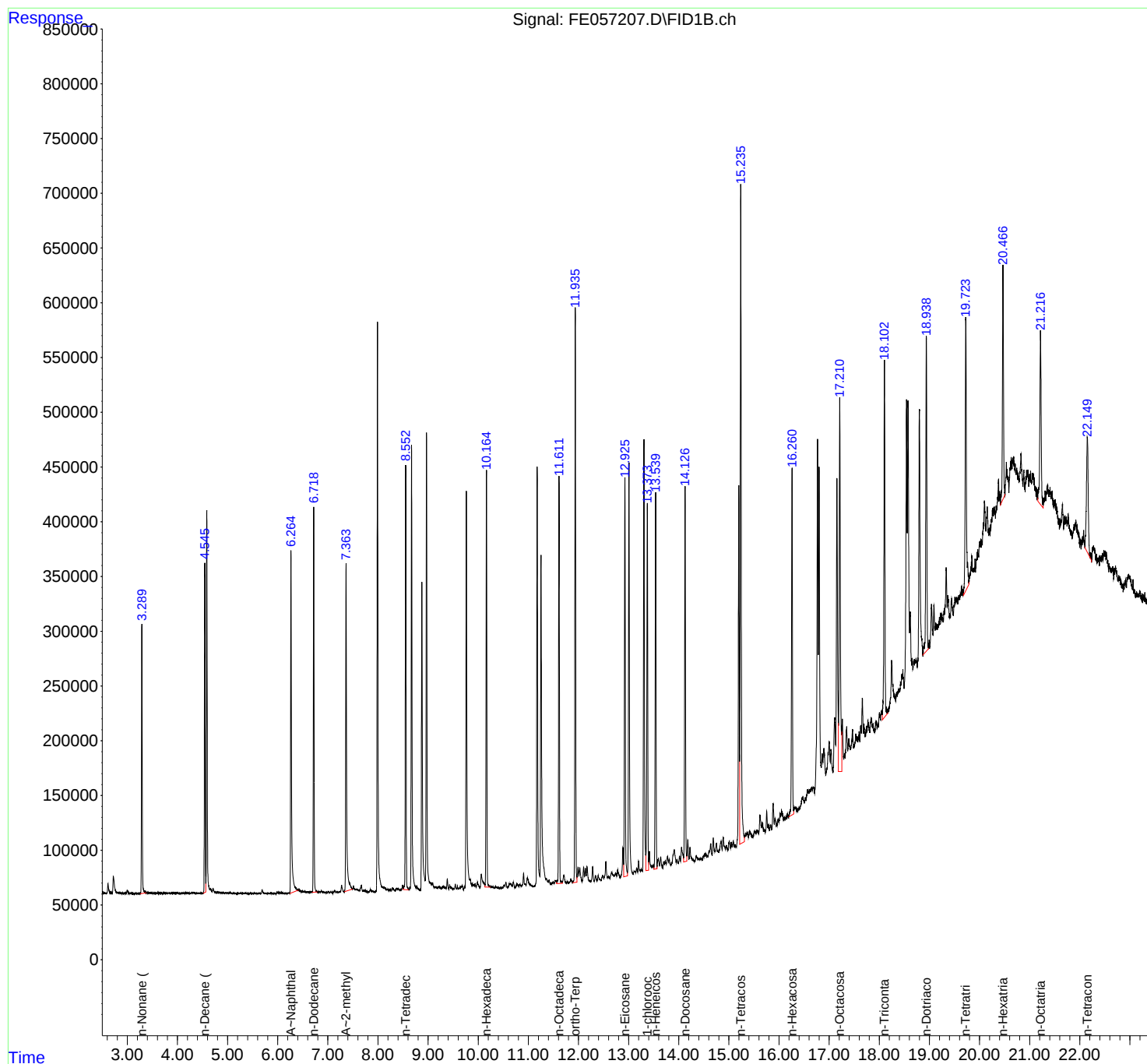
Instrument :
FID_E
ClientSampleId :
OK-1242025-1-EPHMSD

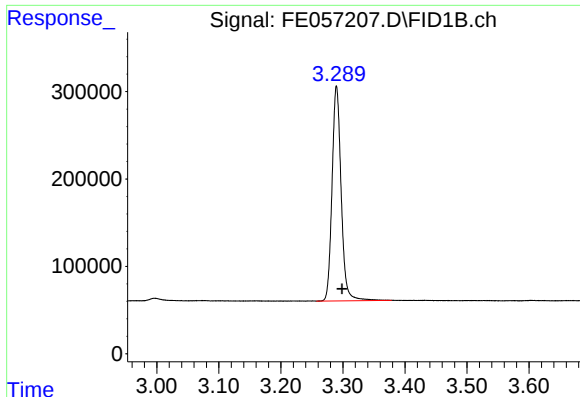
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/08/2025
Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
Quant Time: Dec 06 00:17:10 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





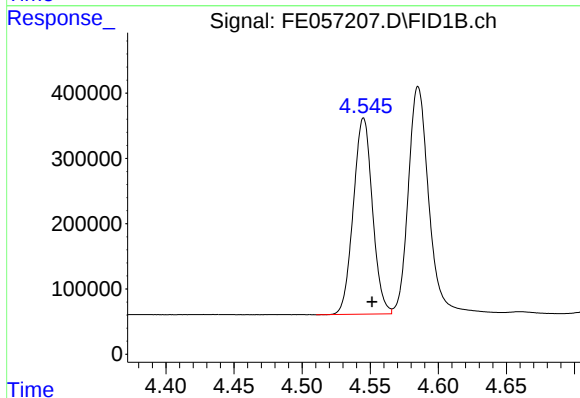
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 2505341
Conc: 12.81 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-1242025-1-EPHMSD

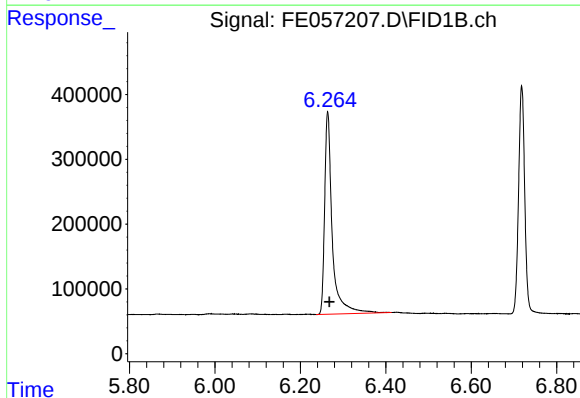
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/08/2025
Supervised By :Yogesh Patel 12/08/2025



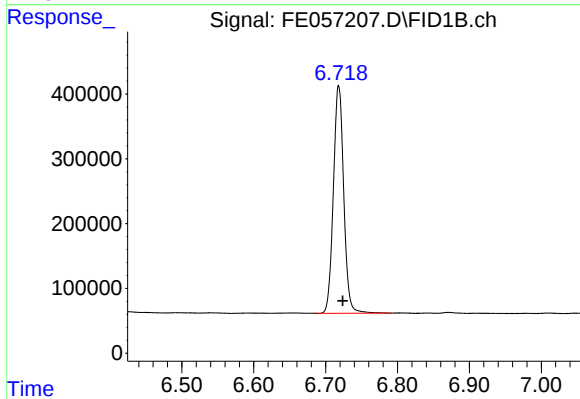
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.006 min
Response: 2933913
Conc: 14.51 ug/ml



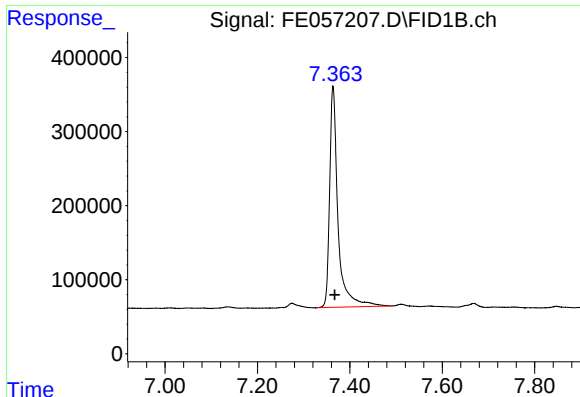
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.004 min
Response: 3873279
Conc: 19.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 3519154
Conc: 17.24 ug/ml



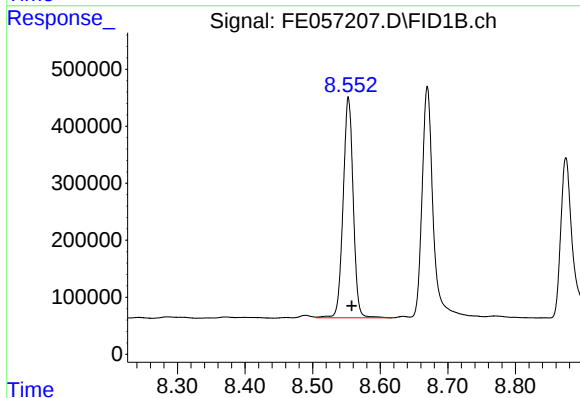
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 3768634
Conc: 19.61 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-1242025-1-EPHMSD

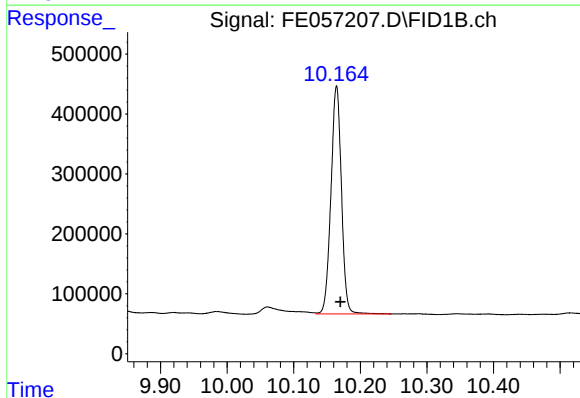
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/08/2025
Supervised By :Yogesh Patel 12/08/2025



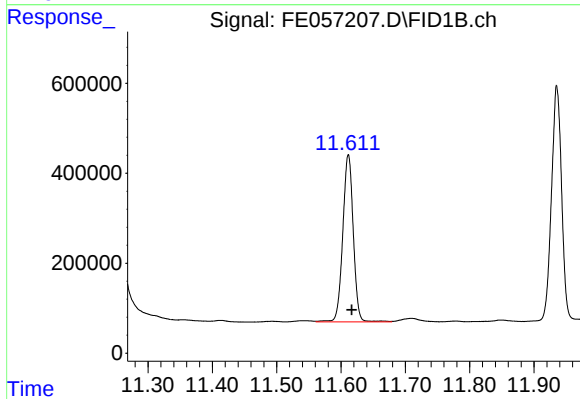
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.005 min
Response: 4017821
Conc: 19.96 ug/ml



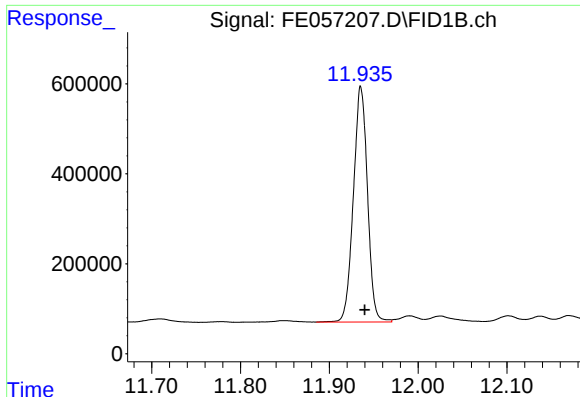
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 4168329
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: -0.005 min
Response: 4218985
Conc: 20.47 ug/ml



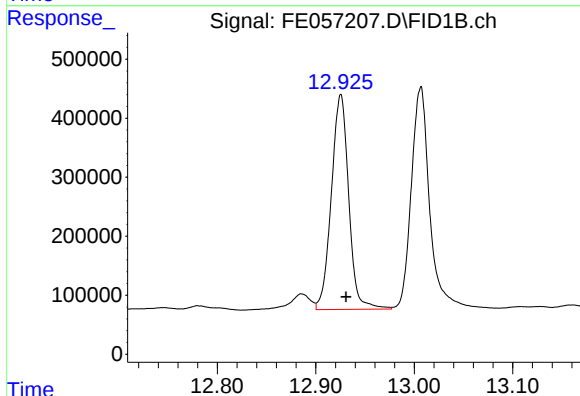
#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: -0.004 min
Response: 5781550
Conc: 26.35 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-1242025-1-EPHMSD

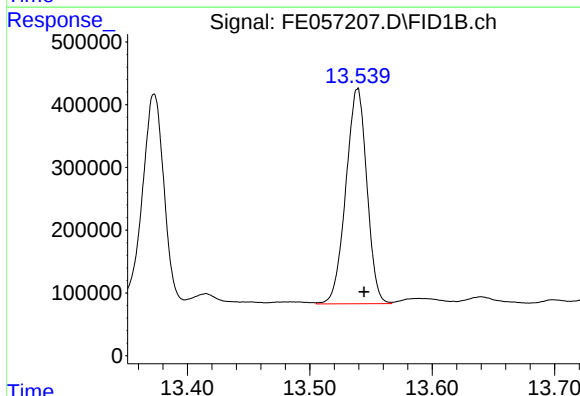
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/08/2025
Supervised By :Yogesh Patel 12/08/2025



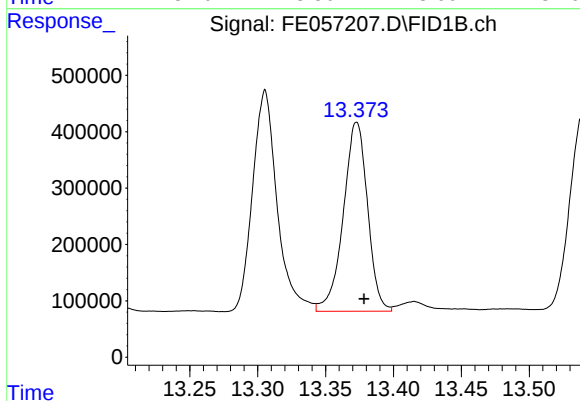
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.005 min
Response: 4463502
Conc: 22.69 ug/ml



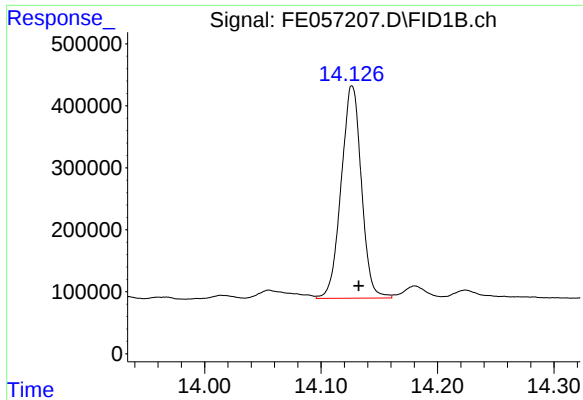
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.005 min
Response: 4091864
Conc: 21.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.005 min
Response: 4166594
Conc: 25.04 ug/ml



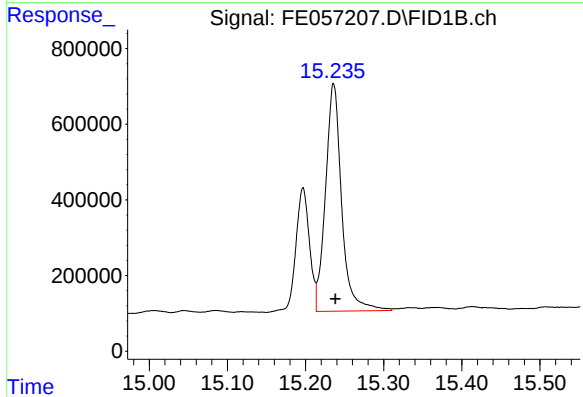
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.006 min
Response: 4131661
Conc: 21.40 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-1242025-1-EPHMSD

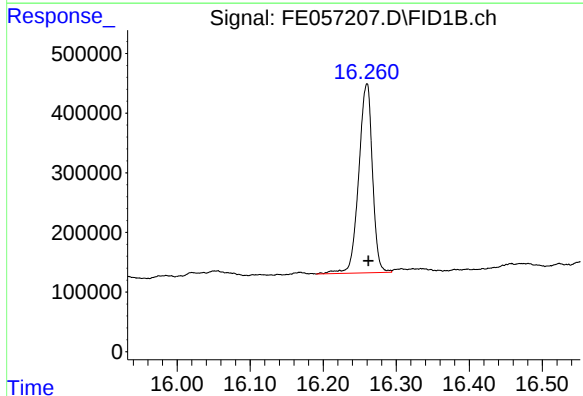
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/08/2025
Supervised By :Yogesh Patel 12/08/2025



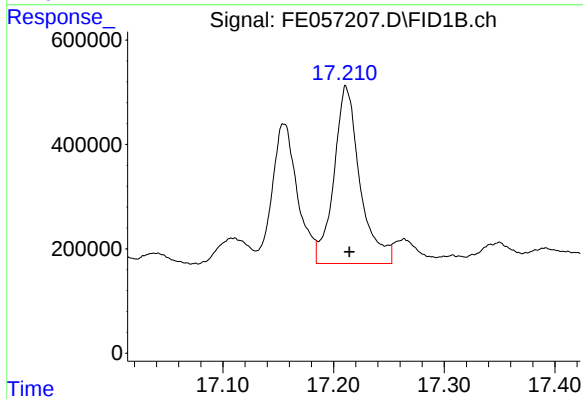
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.002 min
Response: 8649055
Conc: 43.67 ug/ml



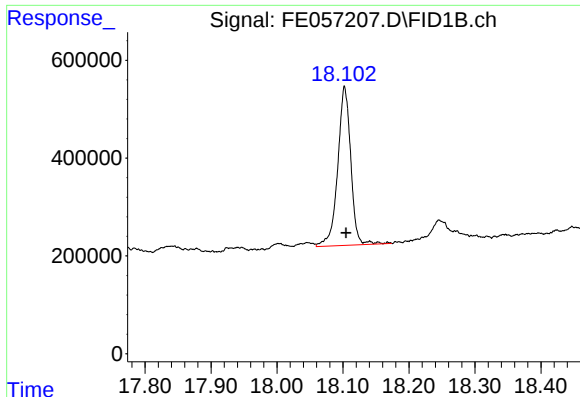
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: -0.002 min
Response: 4142348
Conc: 20.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: -0.004 min
Response: 5542072
Conc: 26.97 ug/ml m



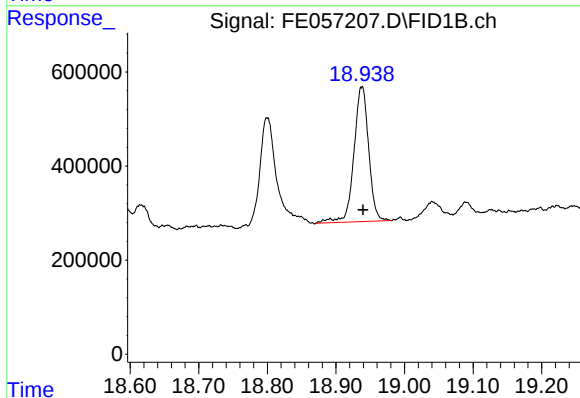
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: -0.002 min
Response: 4468455
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-1242025-1-EPHMSD

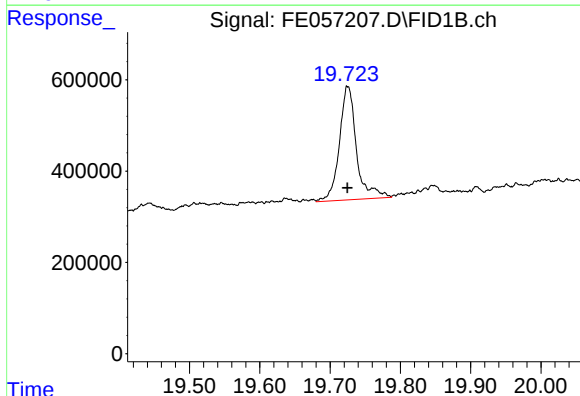
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/08/2025
Supervised By :Yogesh Patel 12/08/2025



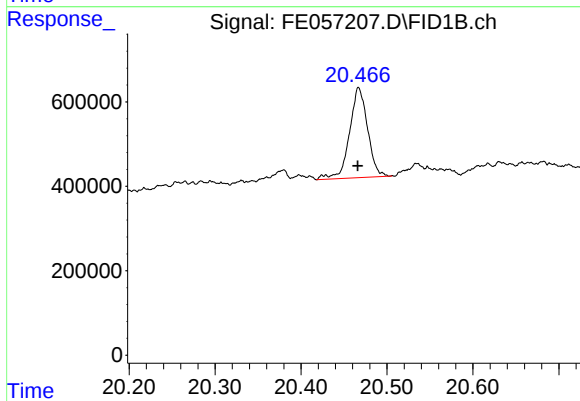
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.002 min
Response: 4299851
Conc: 18.42 ug/ml



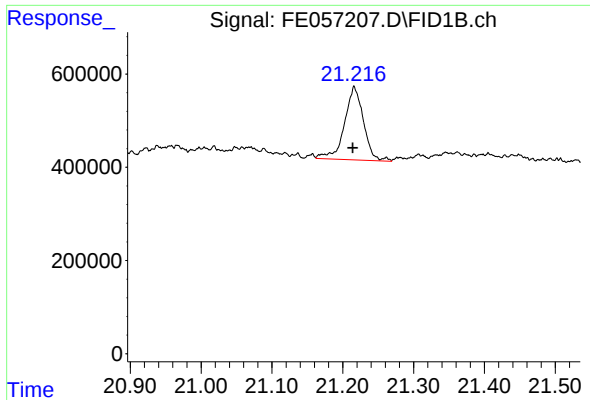
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.000 min
Response: 4198435
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.002 min
Response: 3110881
Conc: 16.71 ug/ml



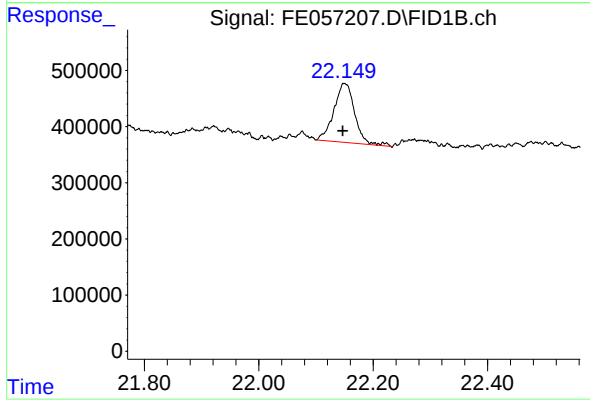
#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.003 min
Response: 2932816
Conc: 16.92 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-1242025-1-EPHMSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/08/2025
Supervised By :Yogesh Patel 12/08/2025



#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: 0.004 min
Response: 2641465
Conc: 15.67 ug/ml