

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072125AL\
 Data File : FE054942.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2025 16:03
 Operator : YP\AJ
 Sample : Q2635-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT2286MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2025
 Supervised By :mohammad ahmed 07/23/2025

Integration File: autoint1.e
 Quant Time: Jul 22 01:29:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.090	4543317	27.977 ug/ml
Spiked Amount 50.000		Recovery =	55.95%
12) S 1-chlorooctadecane (S...	13.526	3673007	29.083 ug/ml
Spiked Amount 50.000		Recovery =	58.17%
Target Compounds			
1) T n-Nonane (C9)	3.426	2962966	22.028 ug/ml
2) T n-Decane (C10)	4.684	3330235	24.406 ug/ml
3) T A~Naphthalene (C11.7)	6.403	4465161	29.490 ug/ml
4) T n-Dodecane (C12)	6.860	3807065	27.747 ug/ml
5) T A~2-methylnaphthalene...	7.505	4255704	28.950 ug/ml
6) T n-Tetradecane (C14)	8.698	4195711	30.266 ug/ml
7) T n-Hexadecane (C16)	10.314	4577292	32.119 ug/ml
8) T n-Octadecane (C18)	11.763	4718348	32.195 ug/ml
10) T n-Eicosane (C20)	13.079	4699087	32.679 ug/ml
11) T n-Heneicosane (C21)	13.693	4466748	31.273 ug/ml
13) T n-Docosane (C22)	14.281	4408915	30.877 ug/ml
14) T n-Tetracosane (C24)	15.388	9453687	65.034 ug/ml
15) T n-Hexacosane (C26)	16.412	4298192	29.701 ug/ml
16) T n-Octacosane (C28)	17.364	4440974	30.472 ug/ml
17) T n-Tricontane (C30)	18.254	4406483	27.963 ug/ml
18) T n-Dotriacontane (C32)	19.087	4342468	26.841 ug/mlm
19) T n-Tetratriacontane (C34)	19.872	4429187	29.065 ug/ml
20) T n-Hexatriacontane (C36)	20.614	4166252	30.986 ug/ml
21) T n-Octatriacontane (C38)	21.396	4293267	36.606 ug/ml
22) T n-Tetracontane (C40)	22.392	4229729	39.025 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072125AL\
Data File : FE054942.D
Signal(s) : FID1B.ch
Acq On : 21 Jul 2025 16:03
Operator : YP\AJ
Sample : Q2635-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

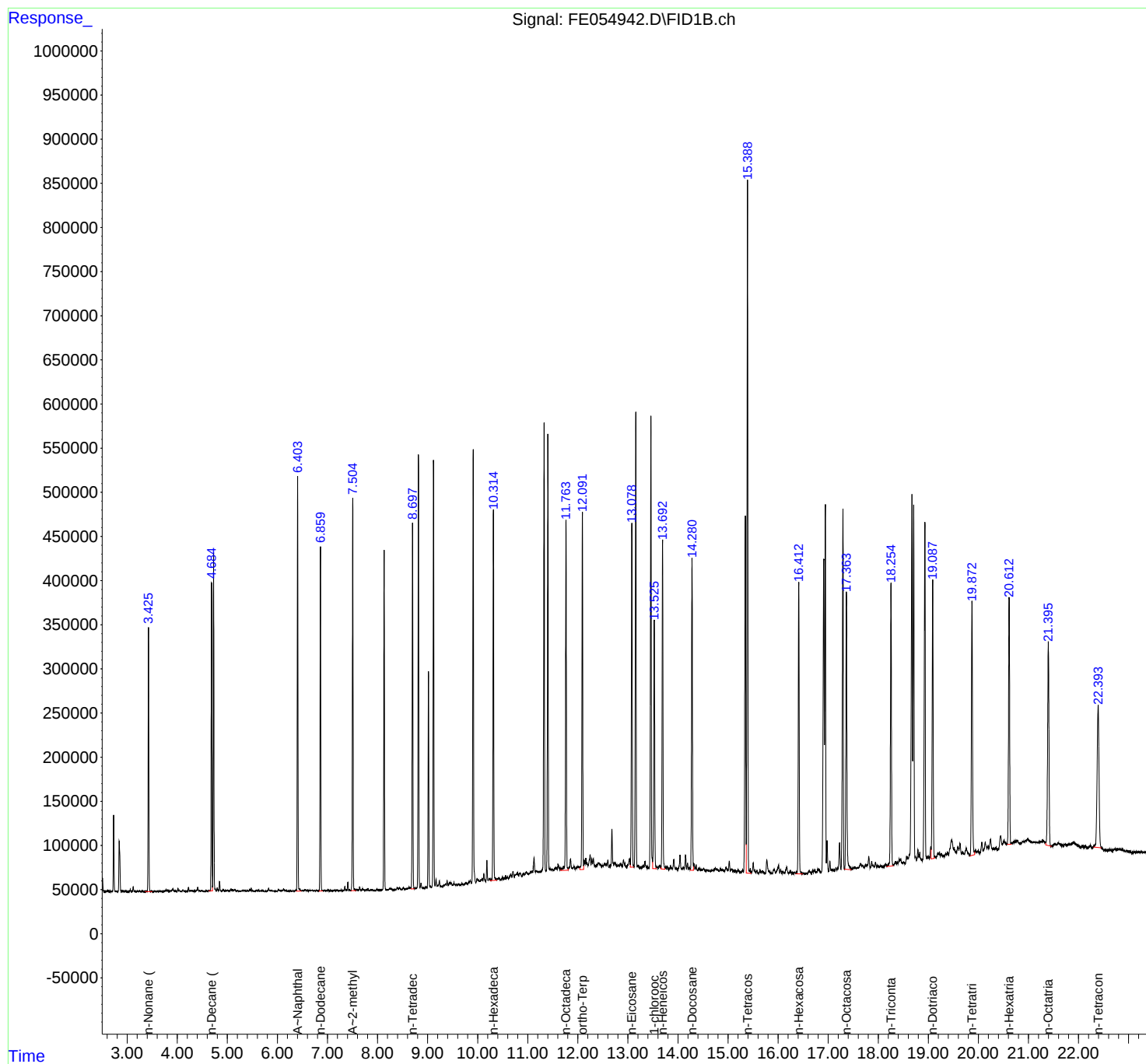
Instrument :
FID_E
ClientSampleId :
RT2286MS

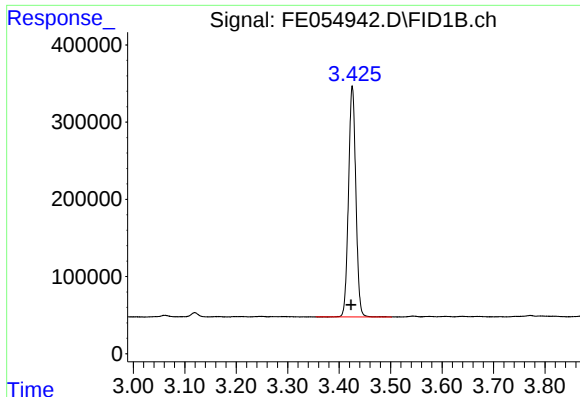
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File: autoint1.e
Quant Time: Jul 22 01:29:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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





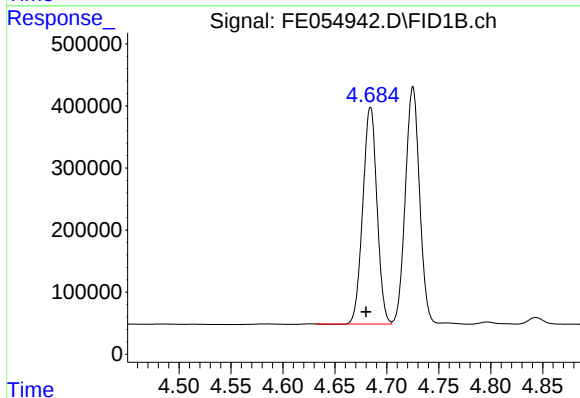
#1 n-Nonane (C9)

R.T.: 3.426 min
Delta R.T.: 0.003 min
Response: 2962966
Conc: 22.03 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MS

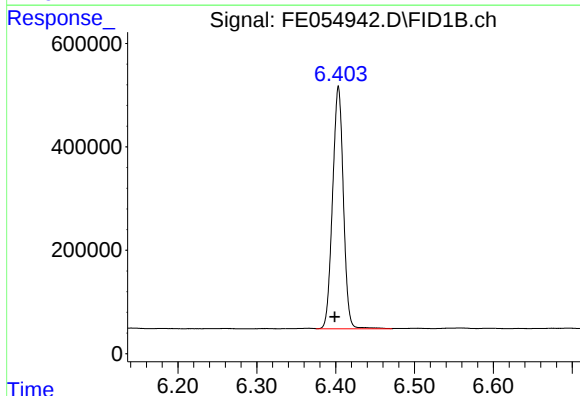
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



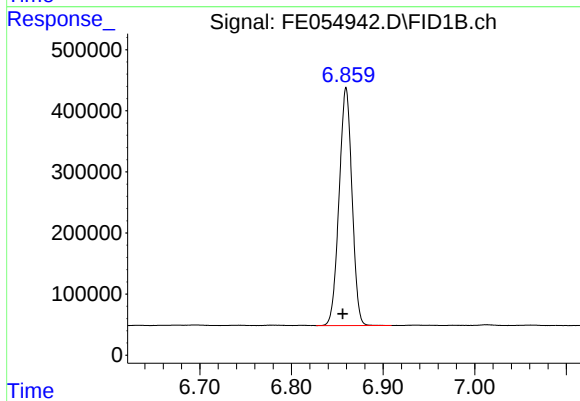
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.004 min
Response: 3330235
Conc: 24.41 ug/ml



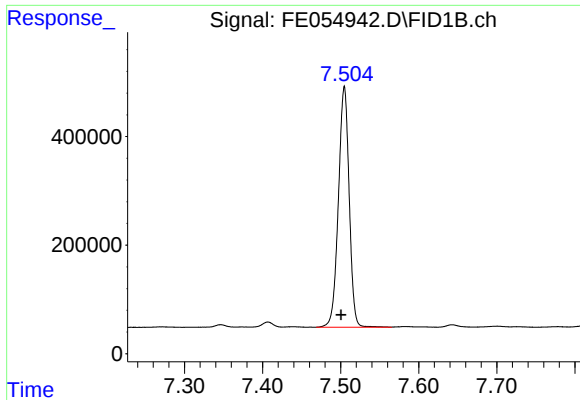
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.004 min
Response: 4465161
Conc: 29.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.860 min
Delta R.T.: 0.003 min
Response: 3807065
Conc: 27.75 ug/ml



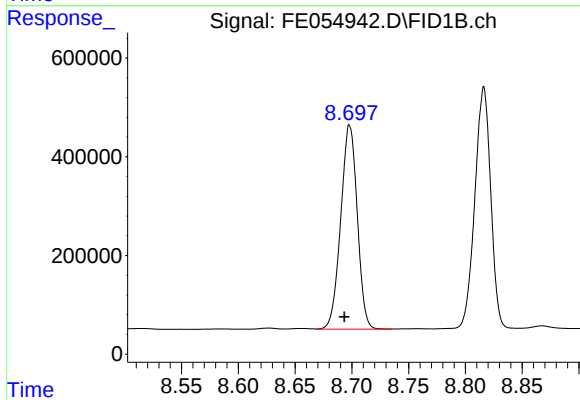
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 4255704
Conc: 28.95 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MS

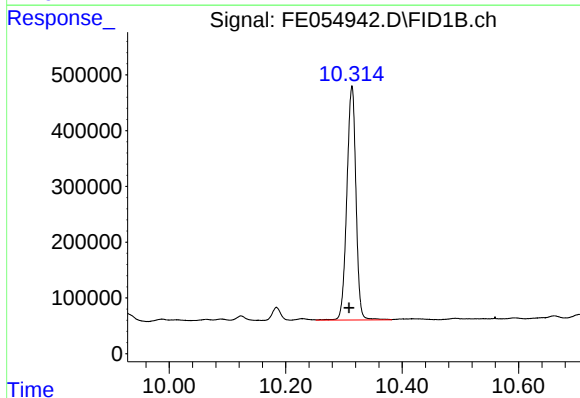
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



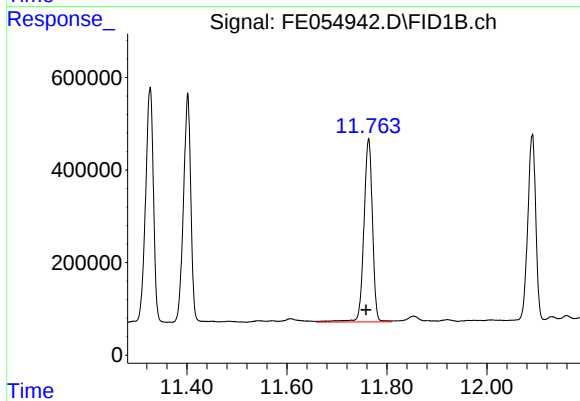
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.005 min
Response: 4195711
Conc: 30.27 ug/ml



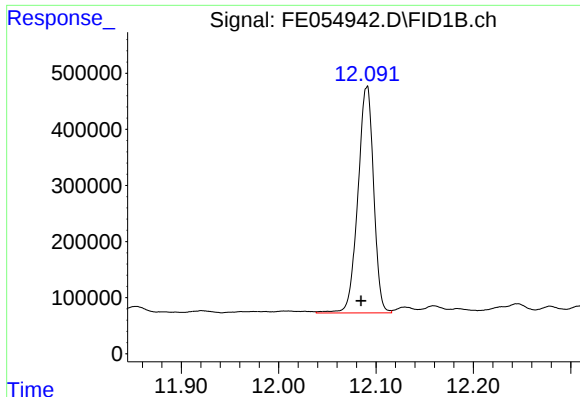
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.005 min
Response: 4577292
Conc: 32.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.763 min
Delta R.T.: 0.005 min
Response: 4718348
Conc: 32.20 ug/ml



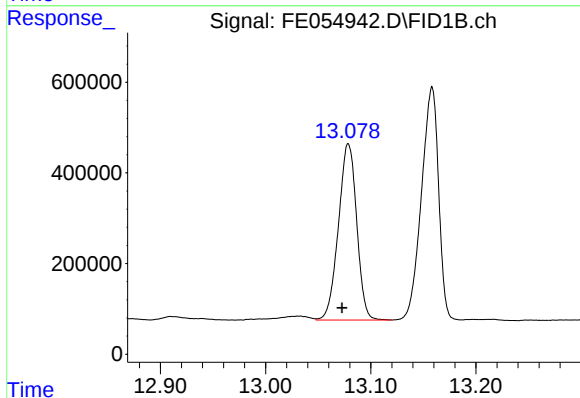
#9 ortho-Terphenyl (SURR)

R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 4543317
Conc: 27.98 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MS

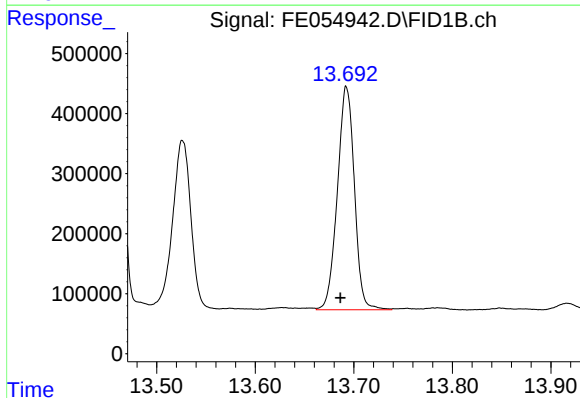
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



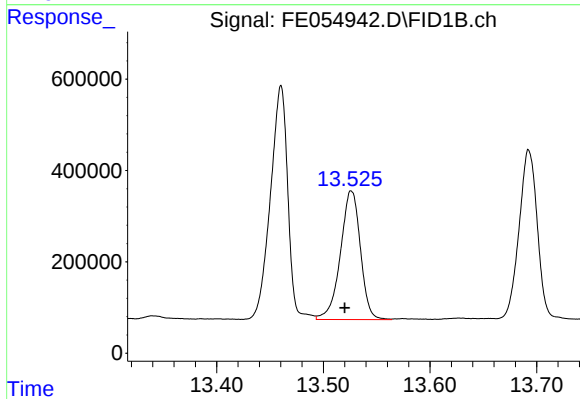
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 4699087
Conc: 32.68 ug/ml



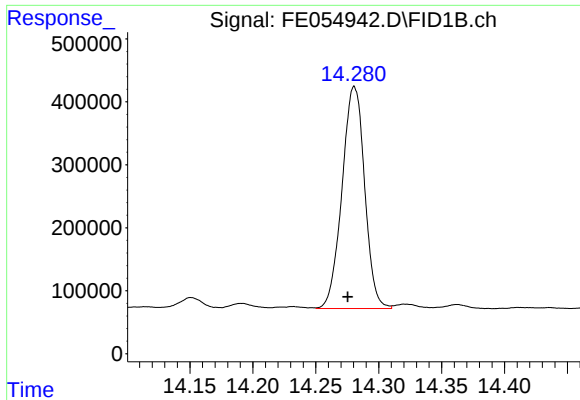
#11 n-Heneicosane (C21)

R.T.: 13.693 min
Delta R.T.: 0.006 min
Response: 4466748
Conc: 31.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 3673007
Conc: 29.08 ug/ml



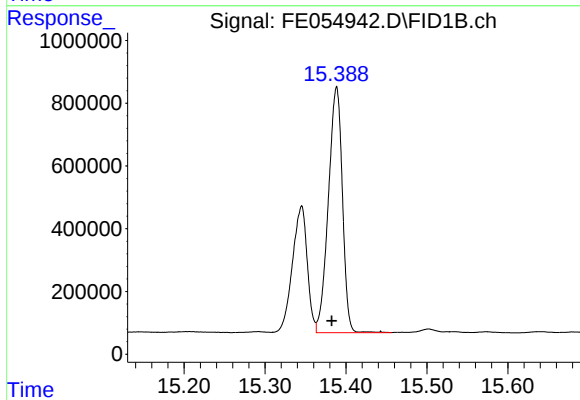
#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.005 min
Response: 4408915
Conc: 30.88 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MS

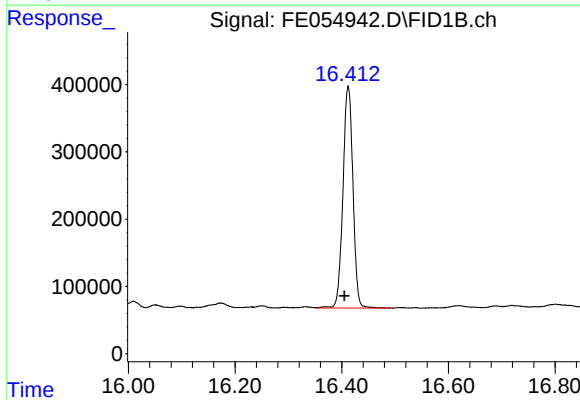
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



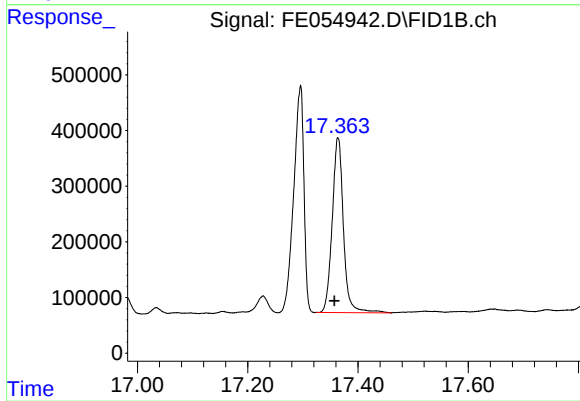
#14 n-Tetracosane (C24)

R.T.: 15.388 min
Delta R.T.: 0.006 min
Response: 9453687
Conc: 65.03 ug/ml



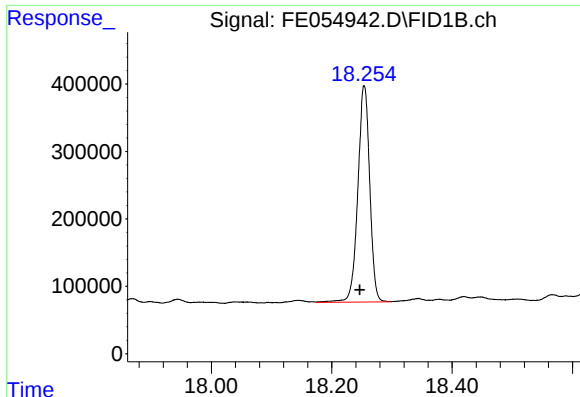
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: 0.007 min
Response: 4298192
Conc: 29.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.364 min
Delta R.T.: 0.006 min
Response: 4440974
Conc: 30.47 ug/ml



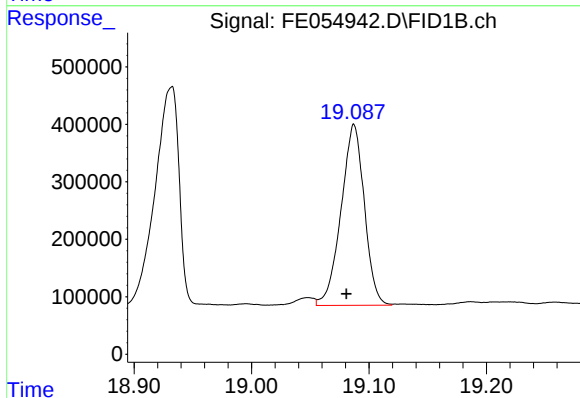
#17 n-Tricontane (C30)

R.T.: 18.254 min
Delta R.T.: 0.008 min
Response: 4406483
Conc: 27.96 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MS

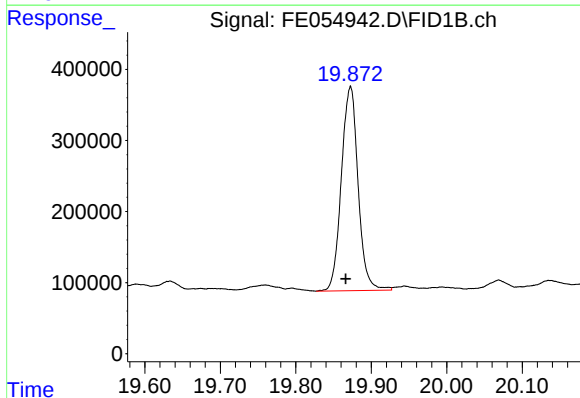
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



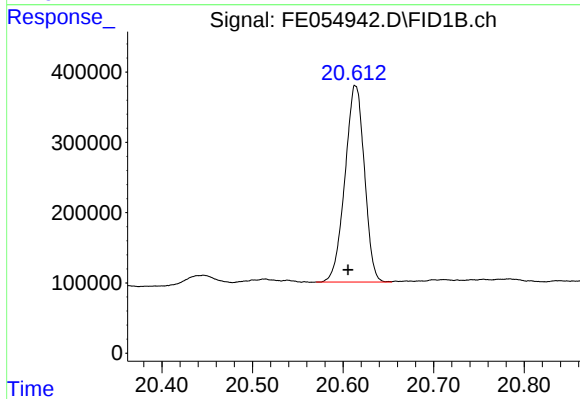
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 4342468
Conc: 26.84 ug/ml m



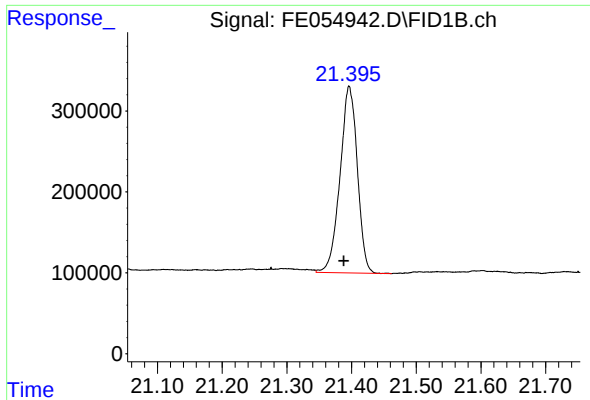
#19 n-Tetratriacontane (C34)

R.T.: 19.872 min
Delta R.T.: 0.006 min
Response: 4429187
Conc: 29.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.614 min
Delta R.T.: 0.008 min
Response: 4166252
Conc: 30.99 ug/ml



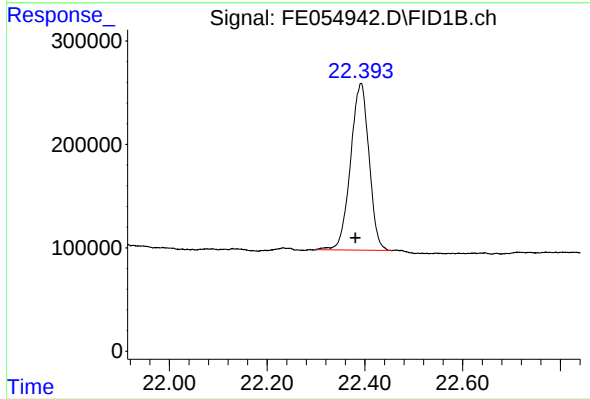
#21 n-Octatriacontane (C38)

R.T.: 21.396 min
Delta R.T.: 0.009 min
Response: 4293267
Conc: 36.61 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.011 min
Response: 4229729
Conc: 39.03 ug/ml