

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
 Data File : FE052748.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 22:42
 Operator : YP\AJ
 Sample : Q1535-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SU-03-03102025MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2025

Supervised By :Ankita Jodhani 03/12/2025

Integration File: autoint1.e

Quant Time: Mar 12 02:14:49 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M

Quant Title : GC Extractables

QLast Update : Mon Mar 03 13:39:39 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)	11.911	4703330	27.899 ug/ml
Spiked Amount 50.000		Recovery =	55.80%
12) S 1-chlorooctadecane (S...	13.356	3909342	32.195 ug/mlm
Spiked Amount 50.000		Recovery =	64.39%
Target Compounds			
1) T n-Nonane (C9)	3.251	4035029	26.024 ug/ml
2) T n-Decane (C10)	4.513	4434101	28.225 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5289936	31.192 ug/ml
4) T n-Dodecane (C12)	6.693	4914029	31.561 ug/ml
5) T A~2-methylnaphthalene...	7.327	5046918	31.143 ug/ml
6) T n-Tetradecane (C14)	8.531	5296158	35.002 ug/ml
7) T n-Hexadecane (C16)	10.145	5442987	35.601 ug/ml
8) T n-Octadecane (C18)	11.595	5366725	35.275 ug/ml
10) T n-Eicosane (C20)	12.912	5606535	38.619 ug/ml
11) T n-Heneicosane (C21)	13.525	5333781	37.475 ug/ml
13) T n-Docosane (C22)	14.114	5554657	39.032 ug/ml
14) T n-Tetracosane (C24)	15.207	11507275	80.409 ug/ml
15) T n-Hexacosane (C26)	16.247	5229787	36.779 ug/ml
16) T n-Octacosane (C28)	17.200	5508125	38.736 ug/ml
17) T n-Tricontane (C30)	18.091	5597511	37.898 ug/ml
18) T n-Dotriacontane (C32)	18.926	4920137	33.890 ug/mlm
19) T n-Tetratriacontane (C34)	19.711	5198034	38.567 ug/ml
20) T n-Hexatriacontane (C36)	20.454	4906213	41.290 ug/ml
21) T n-Octatriacontane (C38)	21.198	4959324	44.704 ug/mlm
22) T n-Tetracontane (C40)	22.123	5391659	49.869 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
Data File : FE052748.D
Signal(s) : FID1B.ch
Acq On : 11 Mar 2025 22:42
Operator : YP\AJ
Sample : Q1535-01MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

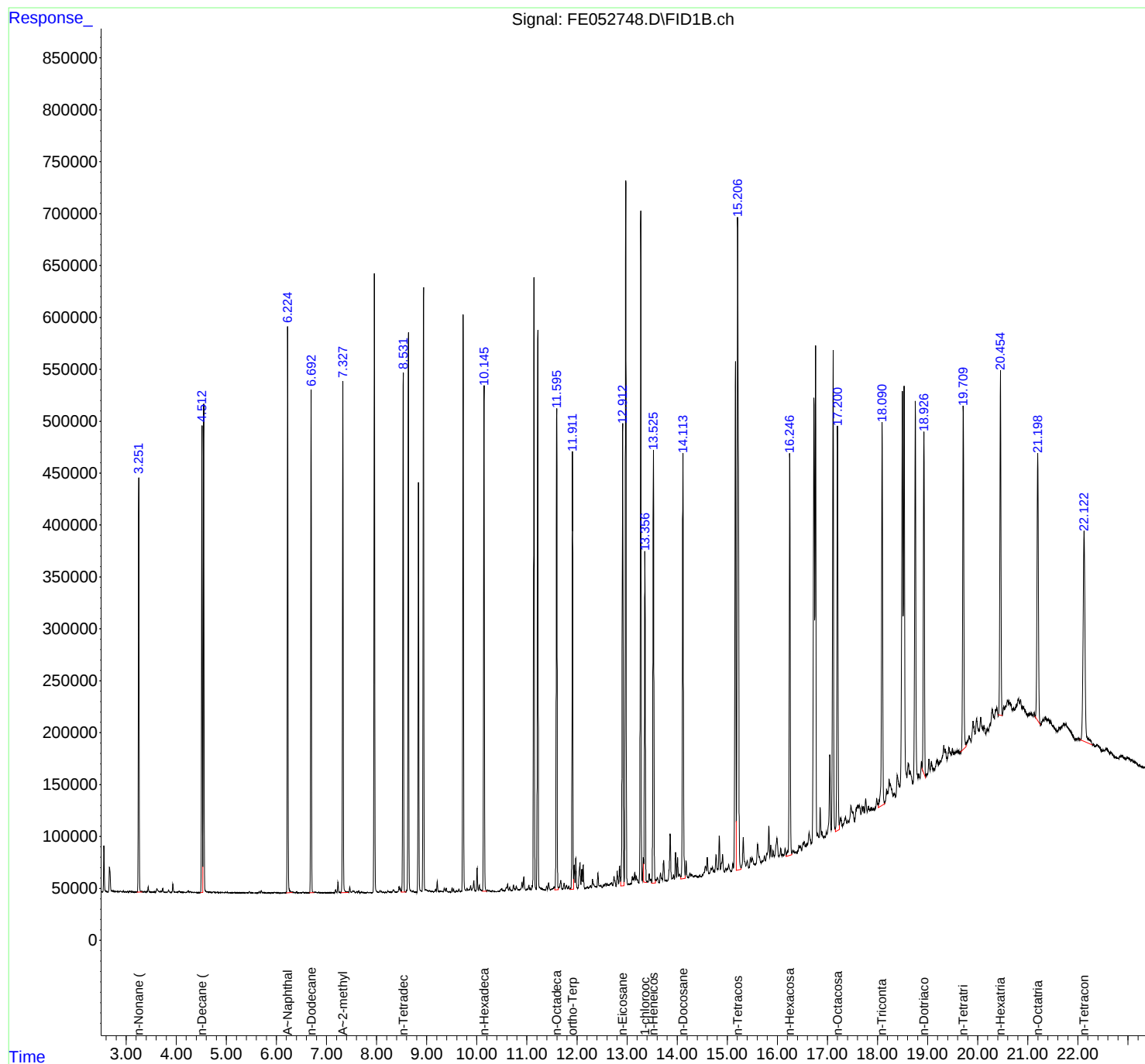
Instrument :
FID_E
ClientSampleId :
SU-03-03102025MS

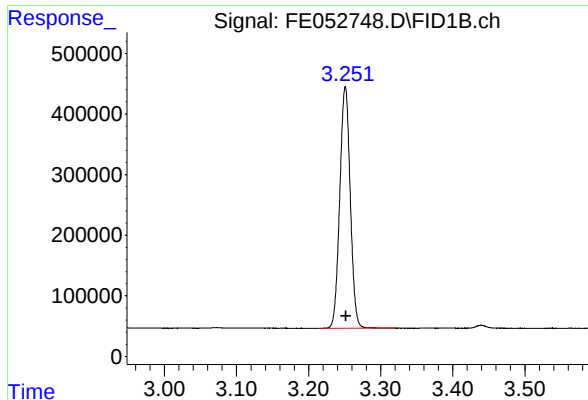
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File: autoint1.e
Quant Time: Mar 12 02:14:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





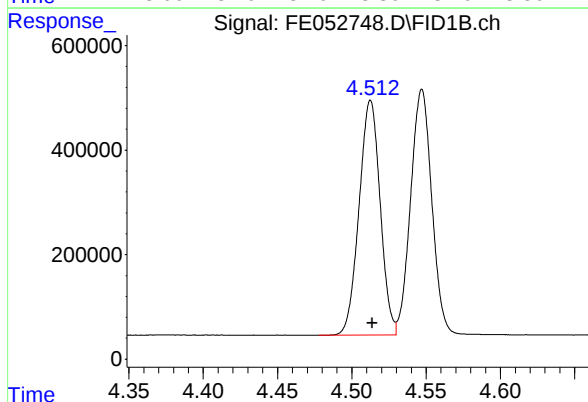
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.001 min
Response: 4035029
Conc: 26.02 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-03-03102025MS

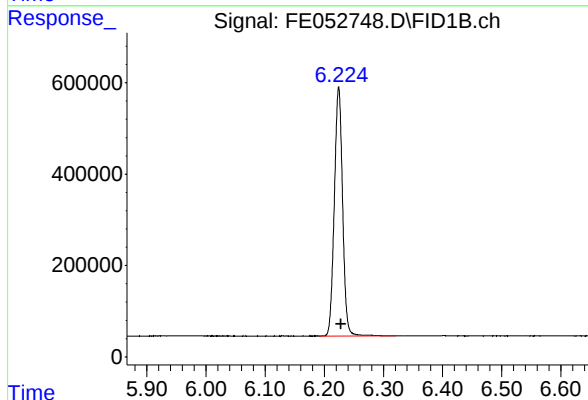
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



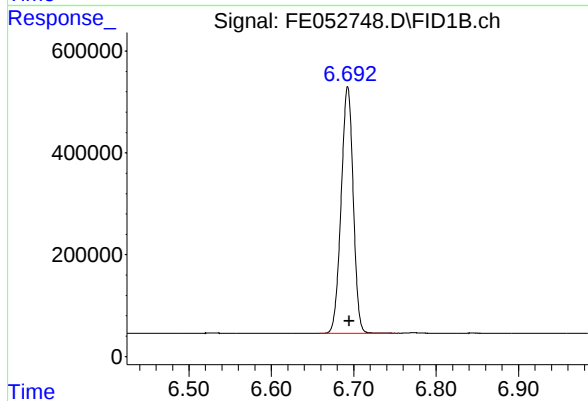
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 4434101
Conc: 28.23 ug/ml



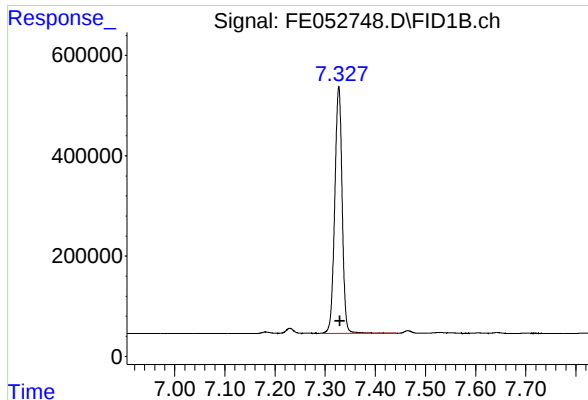
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 5289936
Conc: 31.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 4914029
Conc: 31.56 ug/ml



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

R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 5046918
Conc: 31.14 ug/ml

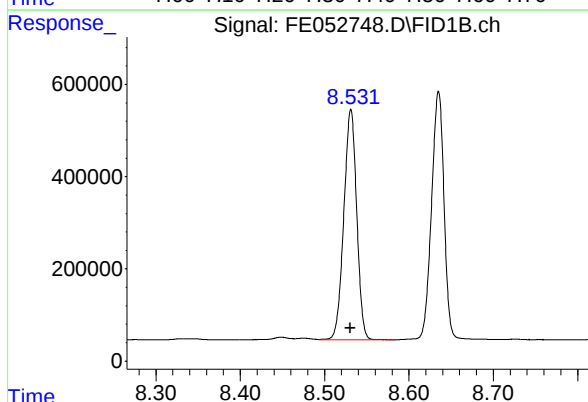
Instrument :

FID_E

ClientSampleId :
SU-03-03102025MS

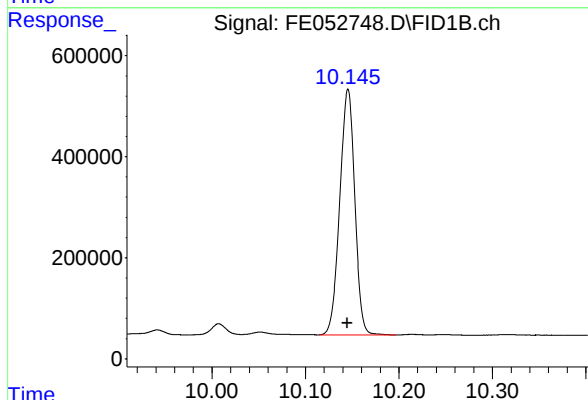
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



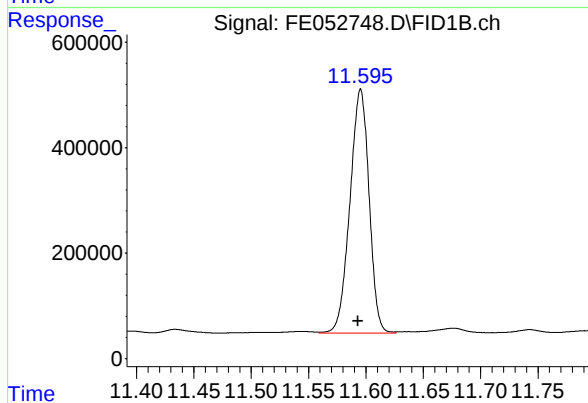
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 5296158
Conc: 35.00 ug/ml



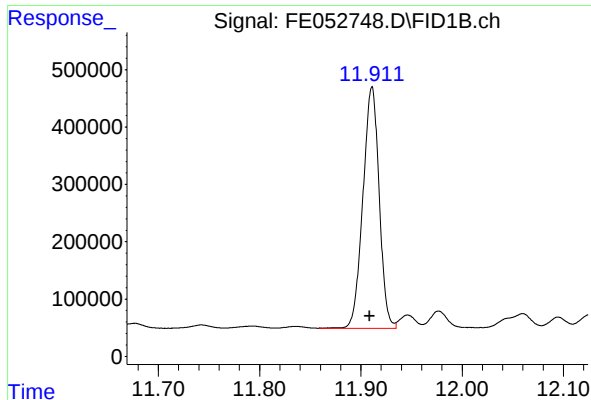
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 5442987
Conc: 35.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 5366725
Conc: 35.27 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: 0.002 min
Response: 4703330
Conc: 27.90 ug/ml

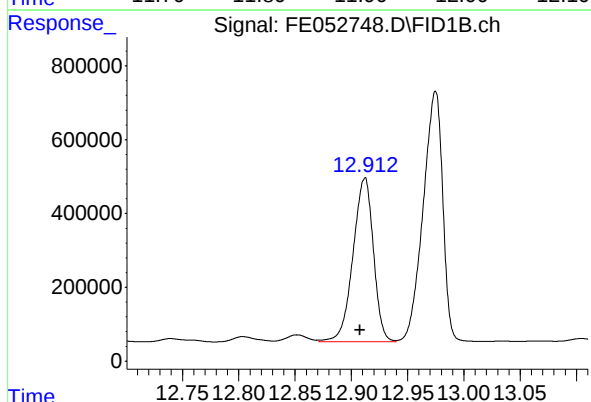
Instrument :

FID_E

ClientSampleId :
SU-03-03102025MS

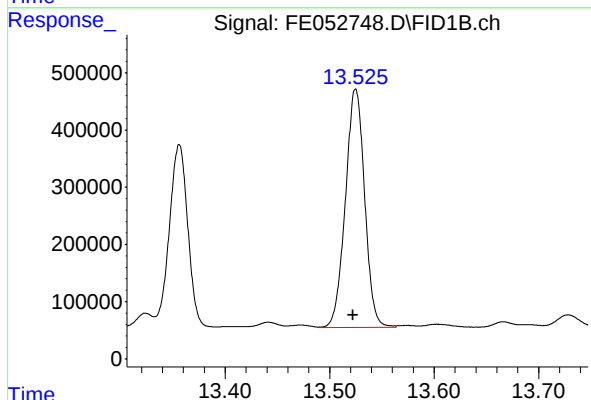
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



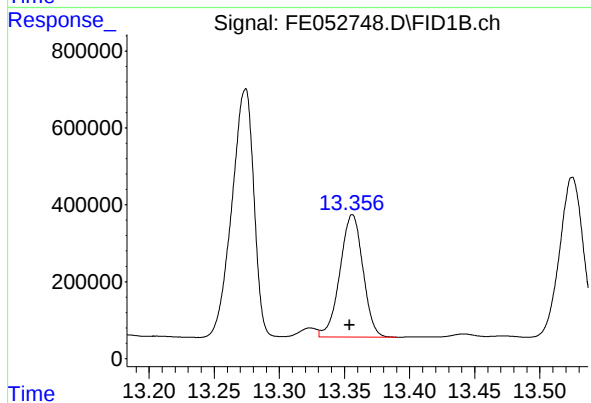
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.004 min
Response: 5606535
Conc: 38.62 ug/ml



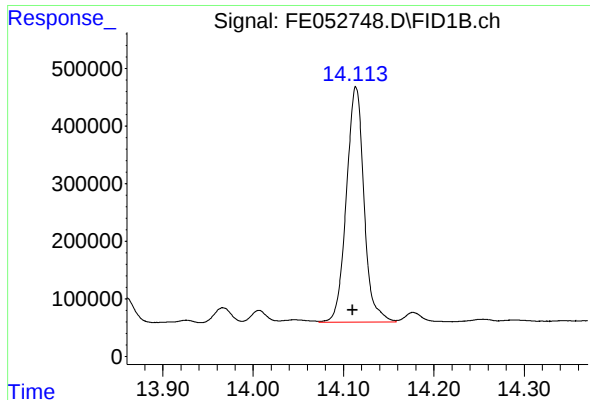
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.003 min
Response: 5333781
Conc: 37.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 3909342
Conc: 32.20 ug/ml m



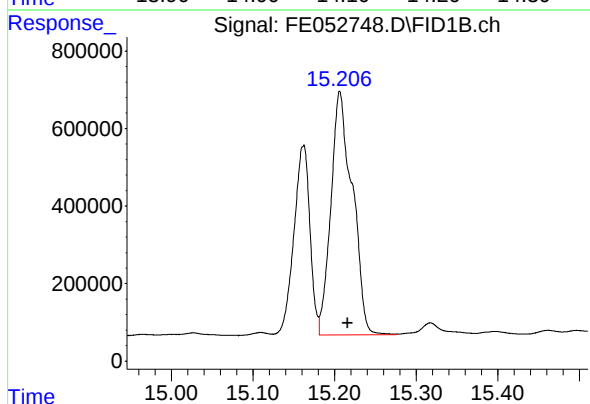
#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: 0.004 min
Response: 5554657
Conc: 39.03 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-03-03102025MS

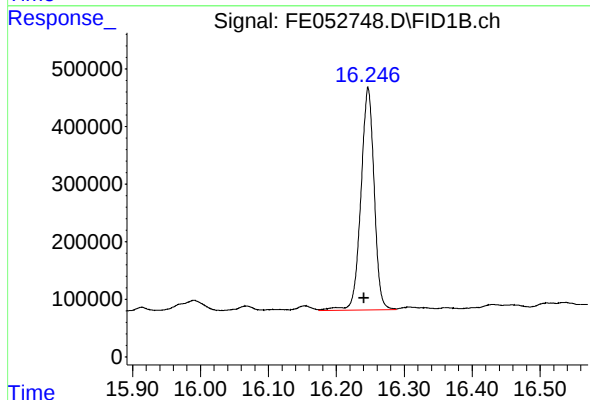
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



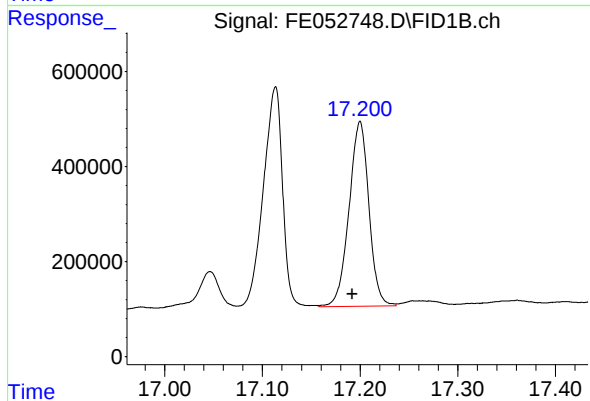
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.009 min
Response: 11507275
Conc: 80.41 ug/ml



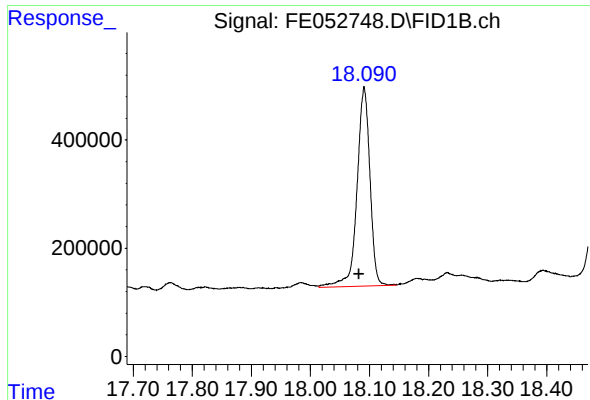
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.006 min
Response: 5229787
Conc: 36.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: 0.008 min
Response: 5508125
Conc: 38.74 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: 0.008 min
Response: 5597511
Conc: 37.90 ug/ml

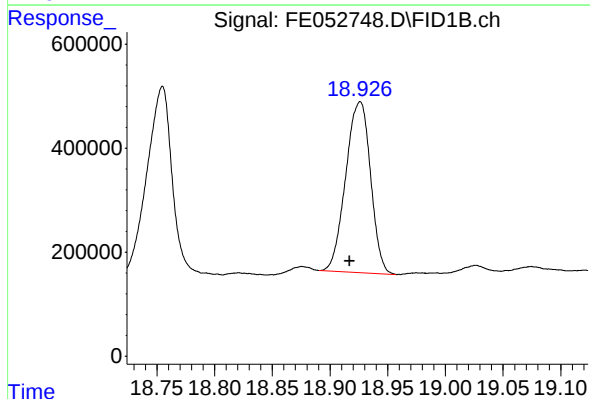
Instrument :

FID_E

ClientSampleId :
SU-03-03102025MS

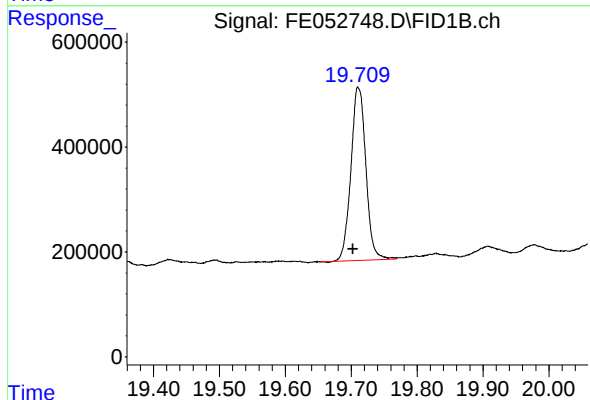
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



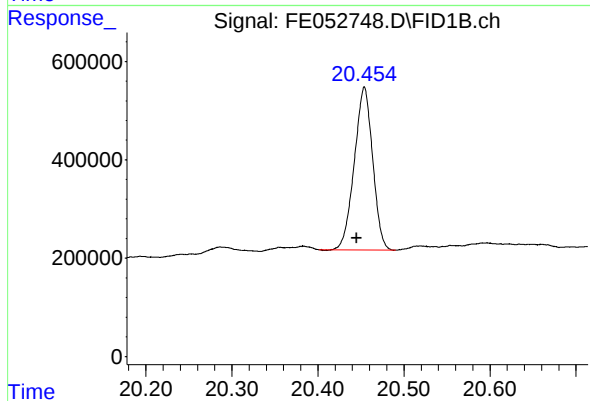
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: 0.009 min
Response: 4920137
Conc: 33.89 ug/ml m



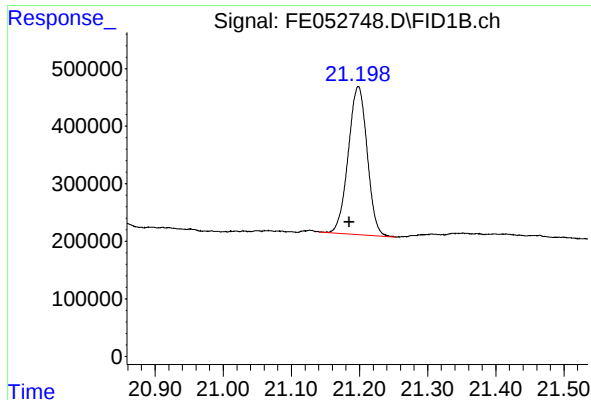
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.008 min
Response: 5198034
Conc: 38.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: 0.009 min
Response: 4906213
Conc: 41.29 ug/ml



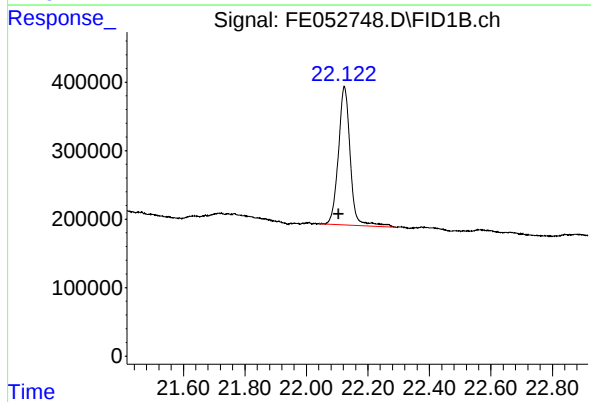
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.013 min
Response: 4959324
Conc: 44.70 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-03-03102025MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.019 min
Response: 5391659
Conc: 49.87 ug/ml