

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052537.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 16:22
 Operator : YP\AJ
 Sample : Q1441-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-02-022625MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :Ankita Jodhani 02/28/2025

Integration File: autoint1.e

Quant Time: Feb 28 03:22:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 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)	11.924	5099089	27.278 ug/ml
Spiked Amount 50.000		Recovery =	54.56%
12) S 1-chlorooctadecane (S...	13.369	4057633	29.192 ug/ml
Spiked Amount 50.000		Recovery =	58.38%
Target Compounds			
1) T n-Nonane (C9)	3.258	3785227	24.659 ug/ml
2) T n-Decane (C10)	4.520	4196306	26.867 ug/ml
3) T A~Naphthalene (C11.7)	6.234	4988954	28.876 ug/ml
4) T n-Dodecane (C12)	6.701	4821713	30.548 ug/ml
5) T A~2-methylnaphthalene...	7.337	4915546	29.268 ug/ml
6) T n-Tetradecane (C14)	8.541	5609268	35.611 ug/ml
7) T n-Hexadecane (C16)	10.157	5806519	35.527 ug/ml
8) T n-Octadecane (C18)	11.607	5742944	34.709 ug/ml
10) T n-Eicosane (C20)	12.924	5539145	34.745 ug/ml
11) T n-Heneicosane (C21)	13.538	5156478	32.913 ug/ml
13) T n-Docosane (C22)	14.126	5051854	32.281 ug/ml
14) T n-Tetracosane (C24)	15.220	9732251	61.882 ug/ml
15) T n-Hexacosane (C26)	16.260	4758727	30.724 ug/ml
16) T n-Octacosane (C28)	17.213	4908511	32.090 ug/ml
17) T n-Tricontane (C30)	18.106	5352475	34.289 ug/ml
18) T n-Dotriacontane (C32)	18.940	4786537	31.281 ug/ml
19) T n-Tetratriacontane (C34)	19.726	5147774	36.185 ug/ml
20) T n-Hexatriacontane (C36)	20.469	4569336	36.661 ug/mlm
21) T n-Octatriacontane (C38)	21.214	4474425	40.936 ug/mlm
22) T n-Tetracontane (C40)	22.147	5527474	54.951 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
Data File : FE052537.D
Signal(s) : FID1B.ch
Acq On : 27 Feb 2025 16:22
Operator : YP\AJ
Sample : Q1441-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

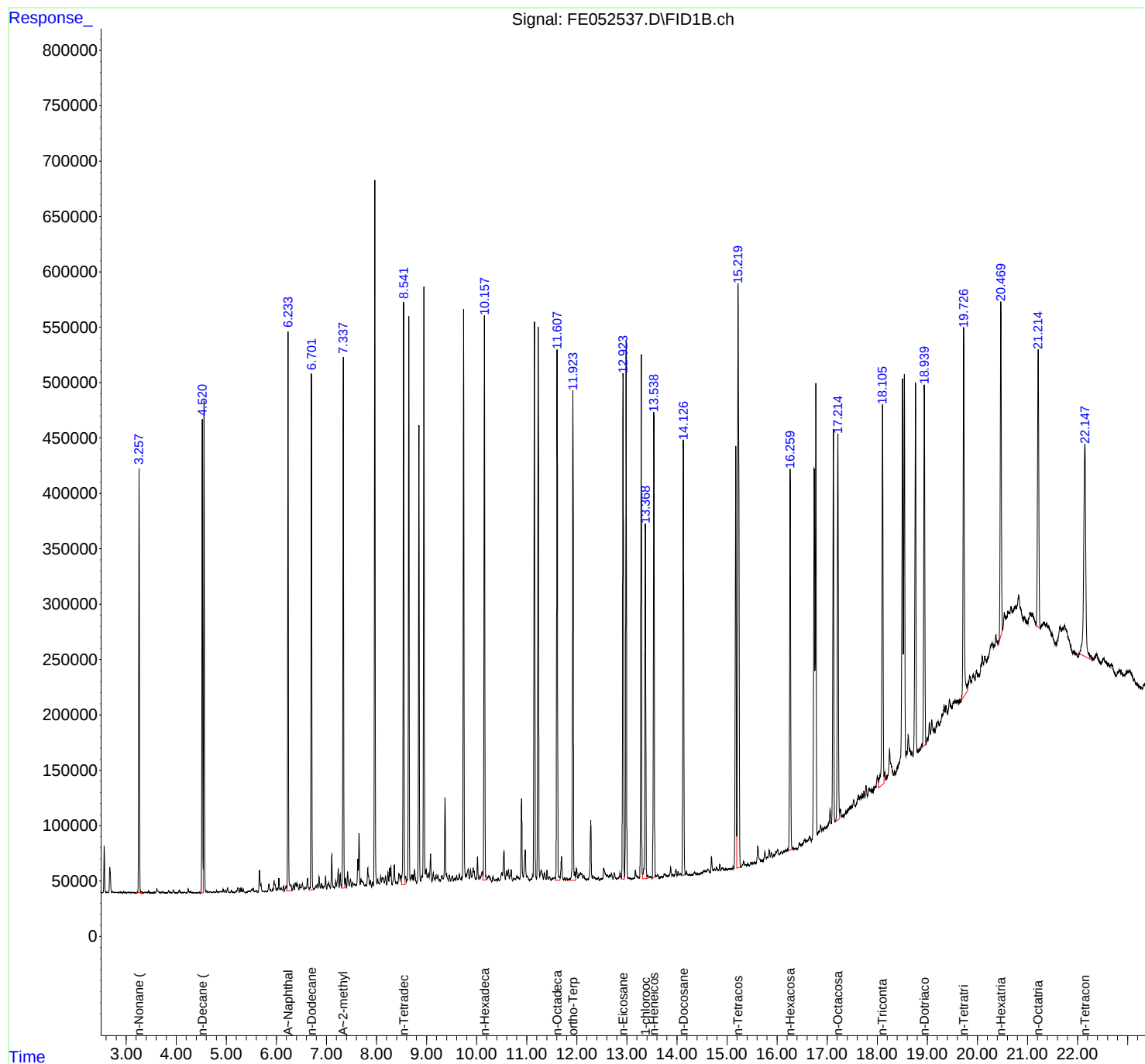
Instrument :
FID_E
ClientSampleId :
HD-02-022625MS

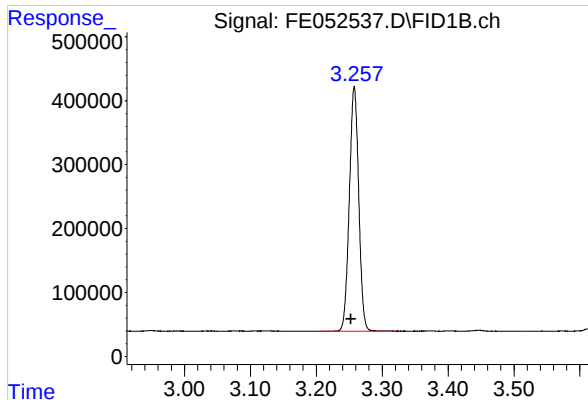
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025

Integration File: autoint1.e
Quant Time: Feb 28 03:22:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.
Quant Title : GC Extractables
QLast Update : Fri Feb 14 00:50:00 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.: 3.258 min
Delta R.T.: 0.005 min
Response: 3785227
Conc: 24.66 ug/ml

Instrument :

FID_E

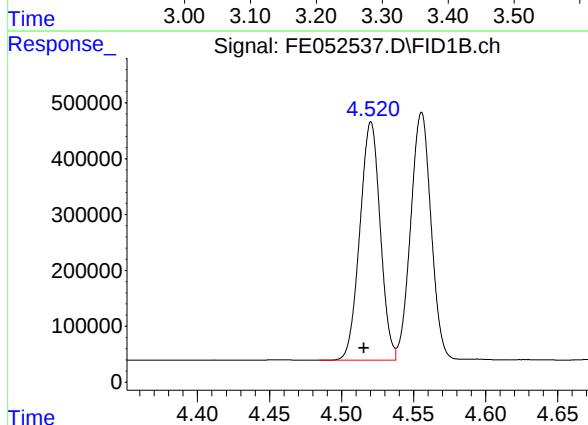
ClientSampleId :

HD-02-022625MS

Manual Integrations

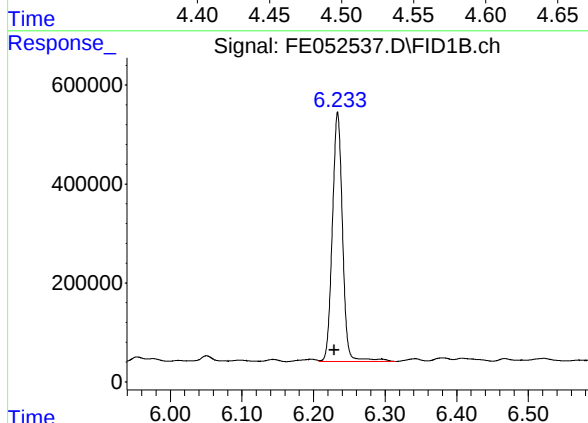
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



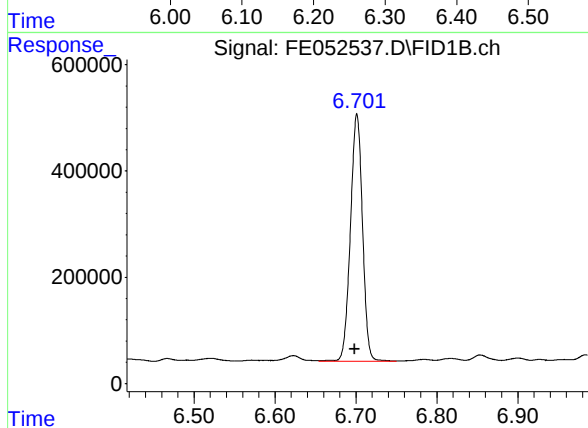
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 4196306
Conc: 26.87 ug/ml



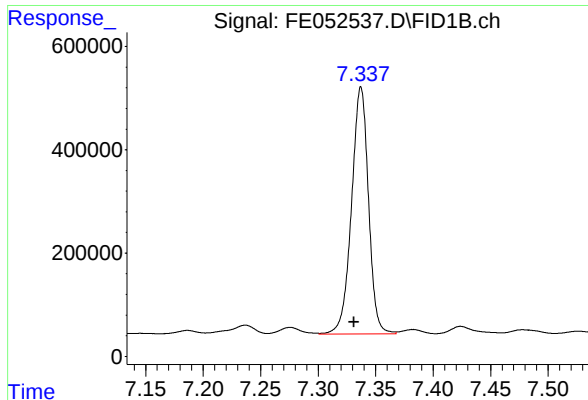
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.005 min
Response: 4988954
Conc: 28.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 4821713
Conc: 30.55 ug/ml



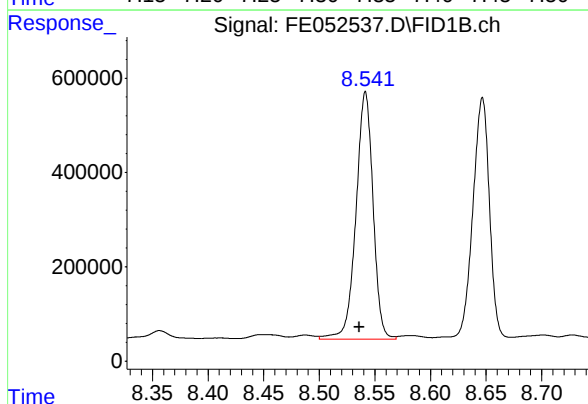
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: 0.006 min
Response: 4915546
Conc: 29.27 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-022625MS

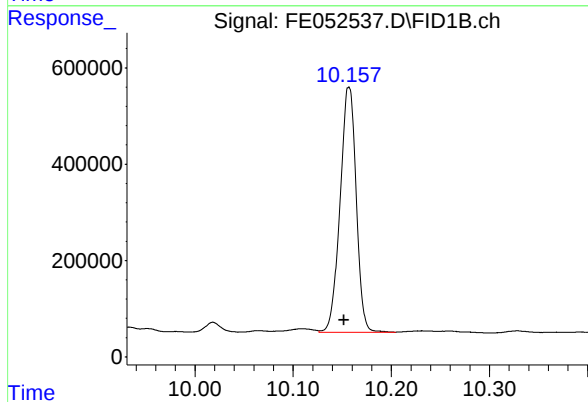
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



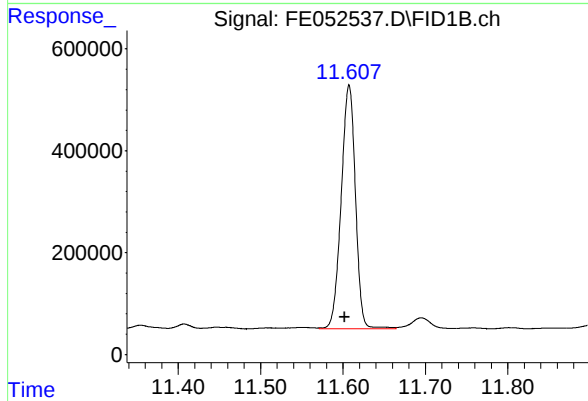
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: 0.005 min
Response: 5609268
Conc: 35.61 ug/ml



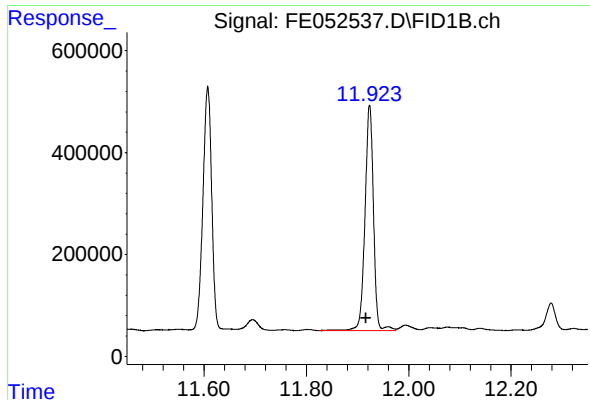
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: 0.005 min
Response: 5806519
Conc: 35.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: 0.005 min
Response: 5742944
Conc: 34.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.007 min
Response: 5099089
Conc: 27.28 ug/ml

Instrument :

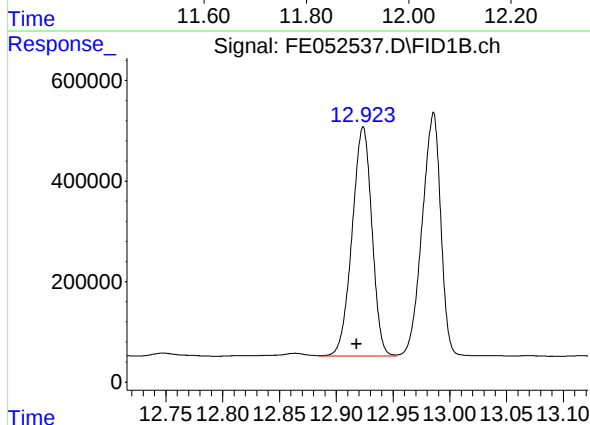
FID_E

ClientSampleId :

HD-02-022625MS

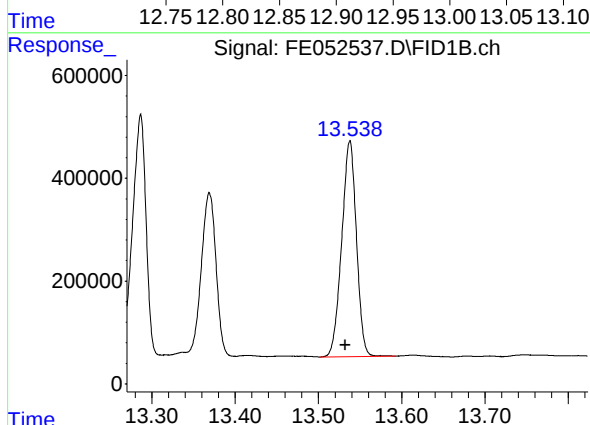
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



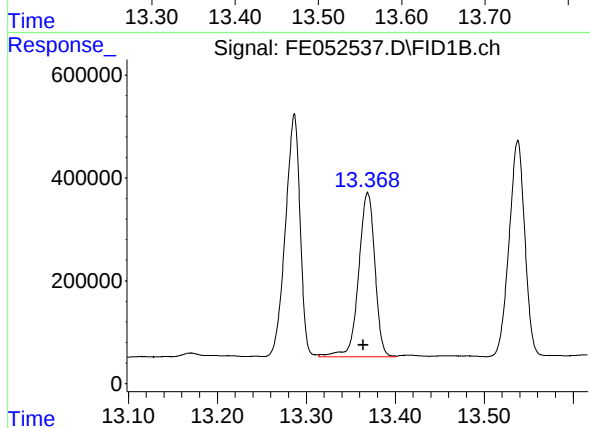
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.006 min
Response: 5539145
Conc: 34.75 ug/ml



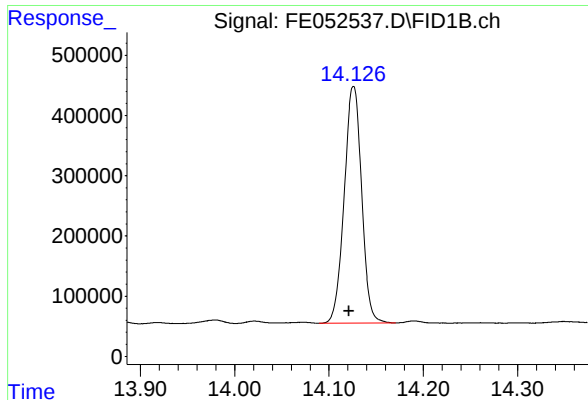
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.005 min
Response: 5156478
Conc: 32.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: 0.005 min
Response: 4057633
Conc: 29.19 ug/ml



#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: 0.005 min
Response: 5051854
Conc: 32.28 ug/ml

Instrument :

FID_E

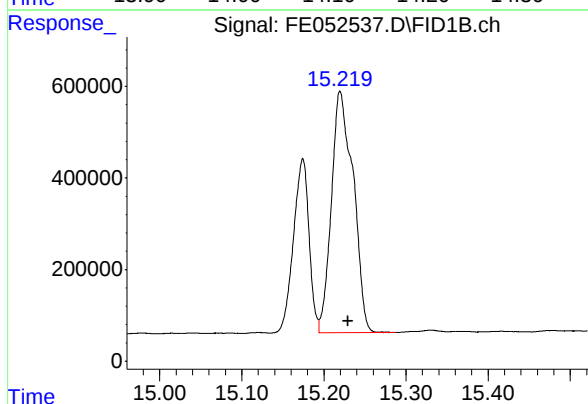
ClientSampleId :

HD-02-022625MS

Manual Integrations

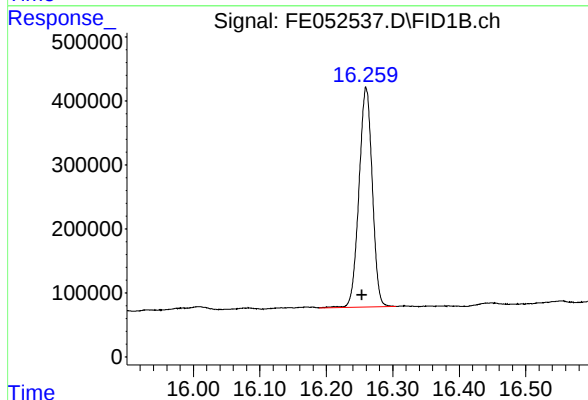
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



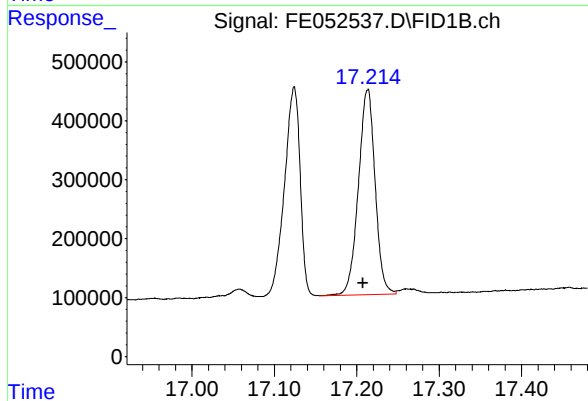
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.009 min
Response: 9732251
Conc: 61.88 ug/ml



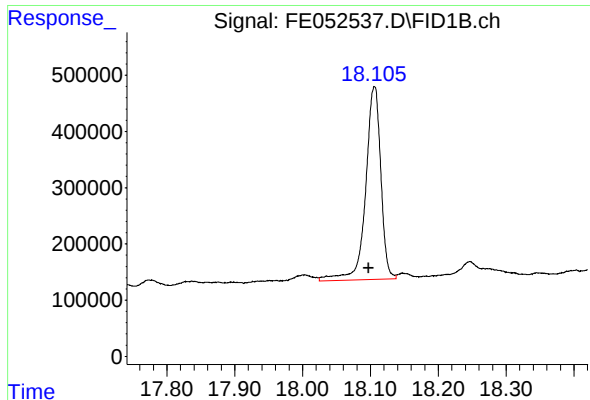
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.006 min
Response: 4758727
Conc: 30.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.005 min
Response: 4908511
Conc: 32.09 ug/ml



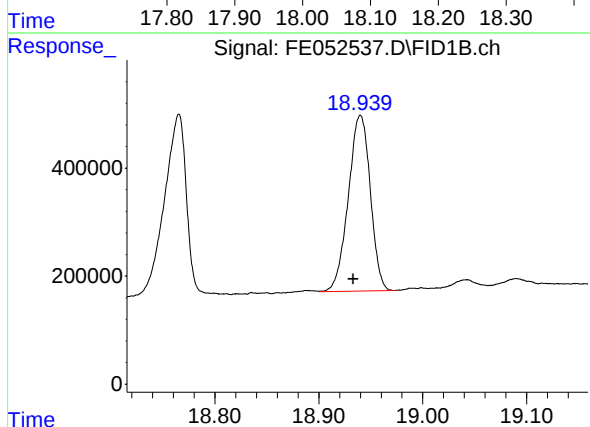
#17 n-Tricontane (C30)

R.T.: 18.106 min
Delta R.T.: 0.008 min
Response: 5352475
Conc: 34.29 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-022625MS

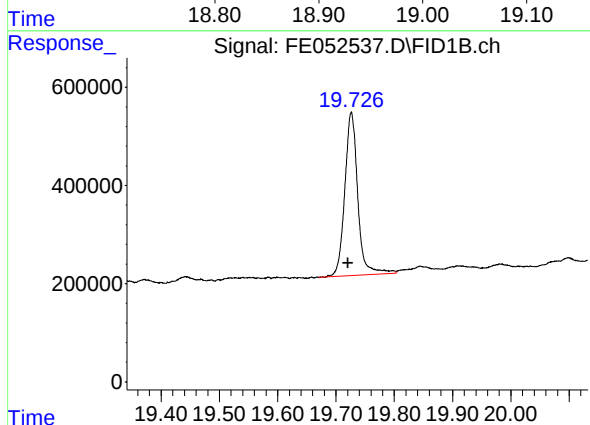
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



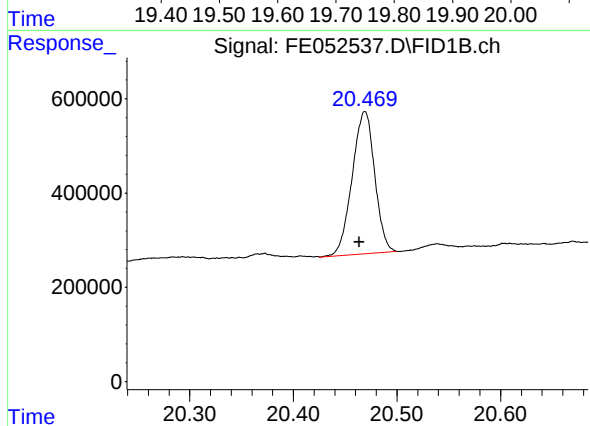
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.007 min
Response: 4786537
Conc: 31.28 ug/ml



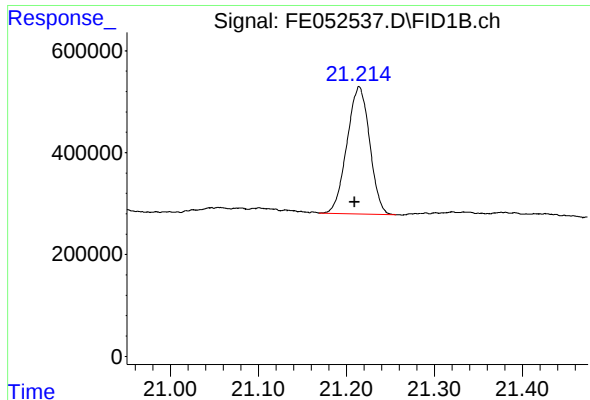
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.006 min
Response: 5147774
Conc: 36.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.005 min
Response: 4569336
Conc: 36.66 ug/ml m



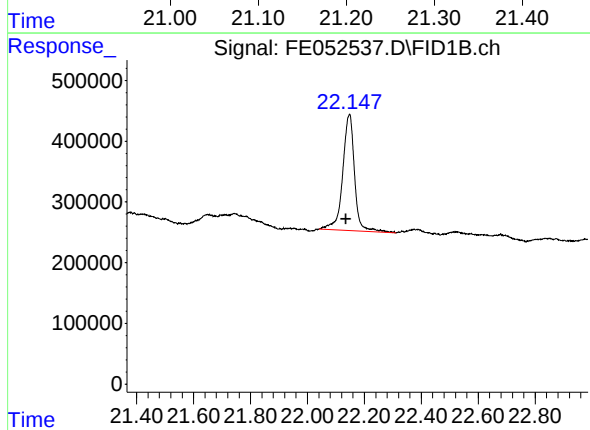
#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.004 min
Response: 4474425
Conc: 40.94 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-022625MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :Ankita Jodhani 02/28/2025



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.012 min
Response: 5527474
Conc: 54.95 ug/ml