

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
 Data File : FE052223.D
 Signal(s) : FID1B.ch
 Acq On : 04 Feb 2025 16:37
 Operator : YP\AJ
 Sample : Q1277-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT 3249MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e
 Quant Time: Feb 05 00:50:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 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)	12.289	3211122	25.944 ug/ml
Spiked Amount 50.000		Recovery =	51.89%
12) S 1-chlorooctadecane (S...	13.704	2667746	27.031 ug/ml
Spiked Amount 50.000		Recovery =	54.06%
Target Compounds			
1) T n-Nonane (C9)	3.750	2510015	26.873 ug/ml
2) T n-Decane (C10)	4.978	2862463	29.807 ug/ml
3) T A~Naphthalene (C11.7)	6.681	3543124	33.153 ug/mlm
4) T n-Dodecane (C12)	7.110	3281738	33.110 ug/ml
5) T A~2-methylnaphthalene...	7.763	3486898	33.293 ug/ml
6) T n-Tetradecane (C14)	8.921	3650243	36.172 ug/ml
7) T n-Hexadecane (C16)	10.517	3825693	35.255 ug/ml
8) T n-Octadecane (C18)	11.952	3920675	34.512 ug/ml
10) T n-Eicosane (C20)	13.257	4095134	36.288 ug/mlm
11) T n-Heneicosane (C21)	13.866	3931686	34.913 ug/ml
13) T n-Docosane (C22)	14.450	3954873	34.940 ug/ml
14) T n-Tetracosane (C24)	15.570	8104115	70.484 ug/mlm
15) T n-Hexacosane (C26)	16.566	3846102	33.537 ug/mlm
16) T n-Octacosane (C28)	17.513	3727687	32.946 ug/ml
17) T n-Tricontane (C30)	18.399	3753190	32.937 ug/ml
18) T n-Dotriacontane (C32)	19.228	3665599	33.621 ug/ml
19) T n-Tetratriacontane (C34)	20.009	3516207	37.063 ug/ml
20) T n-Hexatriacontane (C36)	20.747	3337164	40.388 ug/mlm
21) T n-Octatriacontane (C38)	21.558	3045745	40.997 ug/ml
22) T n-Tetracontane (C40)	22.595	3111971	41.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
Data File : FE052223.D
Signal(s) : FID1B.ch
Acq On : 04 Feb 2025 16:37
Operator : YP\AJ
Sample : Q1277-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

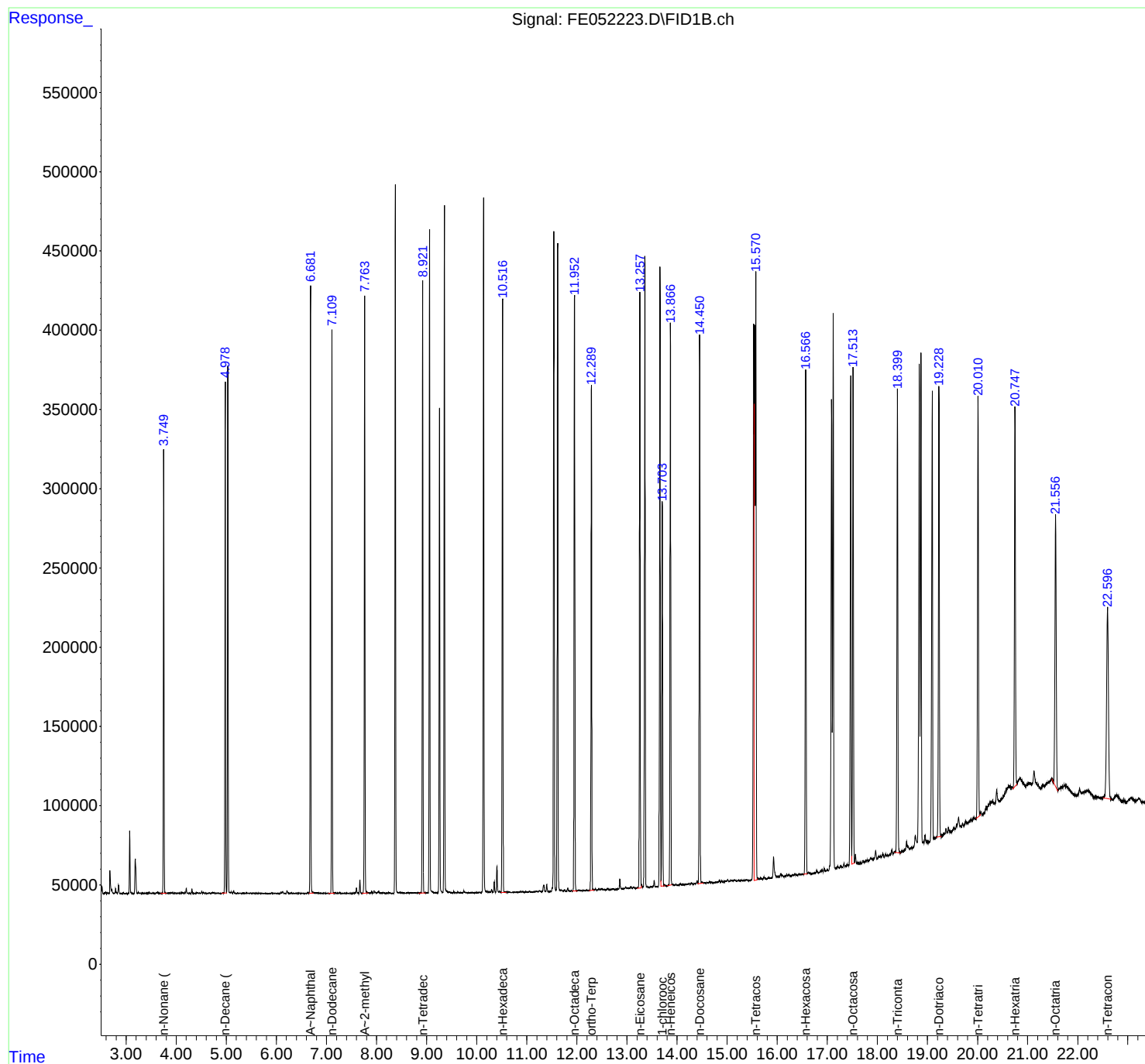
Instrument :
FID_E
ClientSampleId :
RT 3249MSD

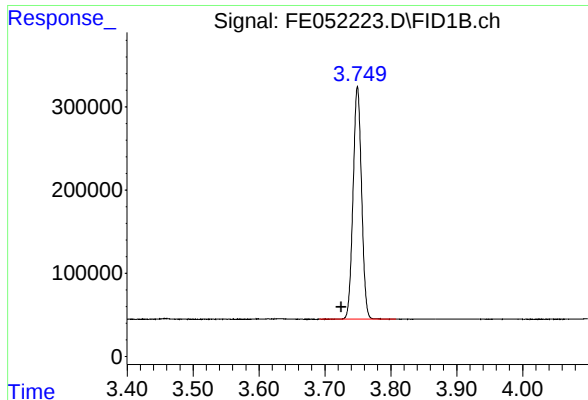
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e
Quant Time: Feb 05 00:50:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.
Quant Title : GC Extractables
QLast Update : Mon Feb 03 15:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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





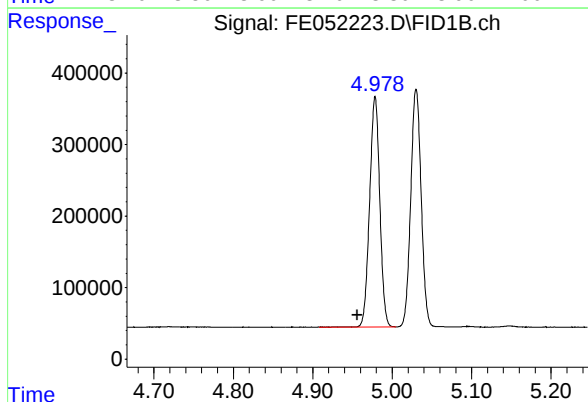
#1 n-Nonane (C9)

R.T.: 3.750 min
Delta R.T.: 0.025 min
Response: 2510015
Conc: 26.87 ug/ml

Instrument :
FID_E
ClientSampleId :
RT 3249MSD

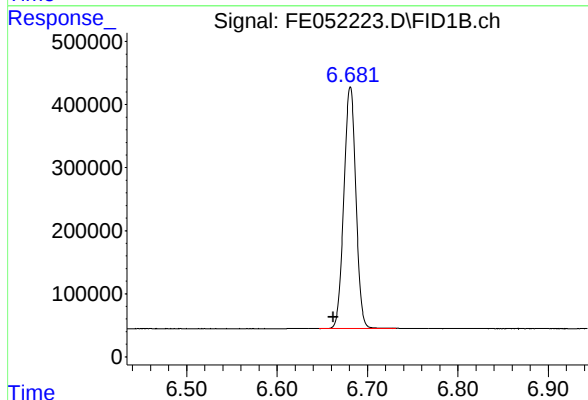
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



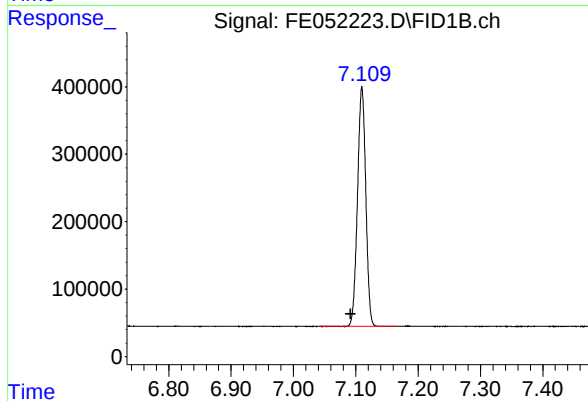
#2 n-Decane (C10)

R.T.: 4.978 min
Delta R.T.: 0.022 min
Response: 2862463
Conc: 29.81 ug/ml



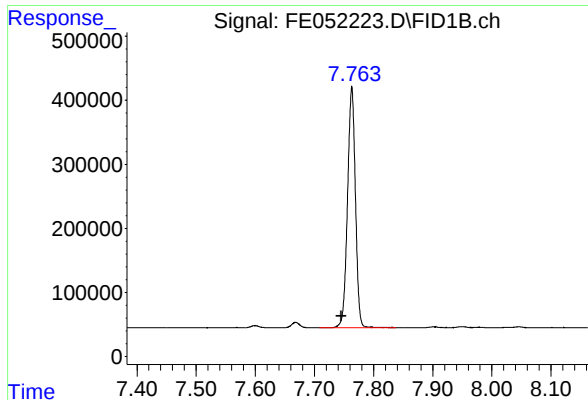
#3 A~Naphthalene (C11.7)

R.T.: 6.681 min
Delta R.T.: 0.019 min
Response: 3543124
Conc: 33.15 ug/ml m



#4 n-Dodecane (C12)

R.T.: 7.110 min
Delta R.T.: 0.018 min
Response: 3281738
Conc: 33.11 ug/ml



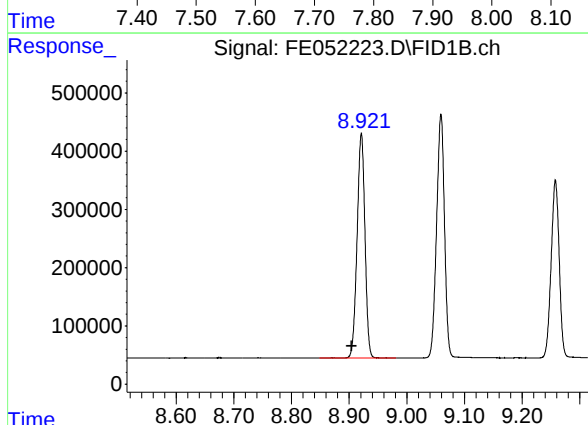
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.763 min
Delta R.T.: 0.018 min
Response: 3486898
Conc: 33.29 ug/ml

Instrument :
FID_E
ClientSampleId :
RT 3249MSD

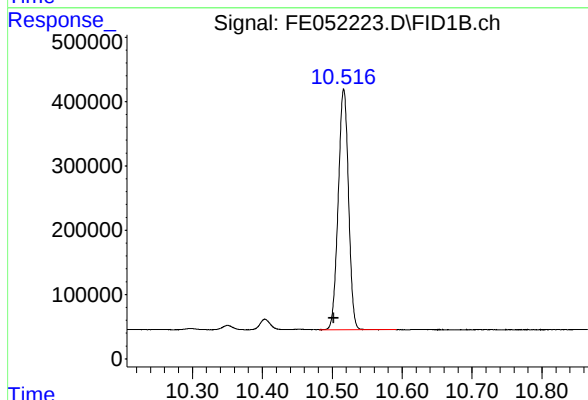
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



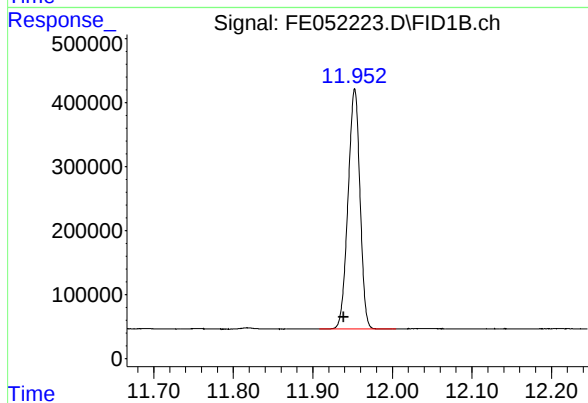
#6 n-Tetradecane (C14)

R.T.: 8.921 min
Delta R.T.: 0.017 min
Response: 3650243
Conc: 36.17 ug/ml



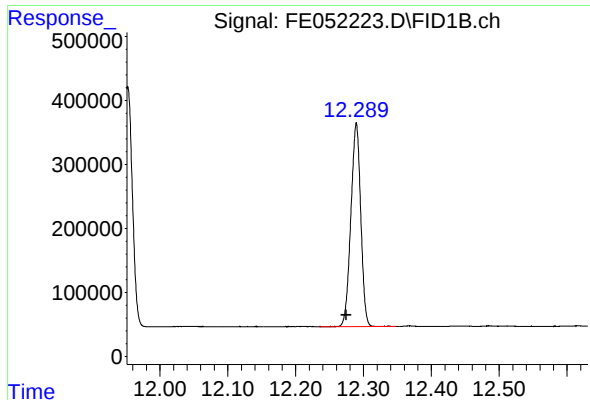
#7 n-Hexadecane (C16)

R.T.: 10.517 min
Delta R.T.: 0.014 min
Response: 3825693
Conc: 35.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.952 min
Delta R.T.: 0.013 min
Response: 3920675
Conc: 34.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.289 min
Delta R.T.: 0.015 min
Response: 3211122
Conc: 25.94 ug/ml

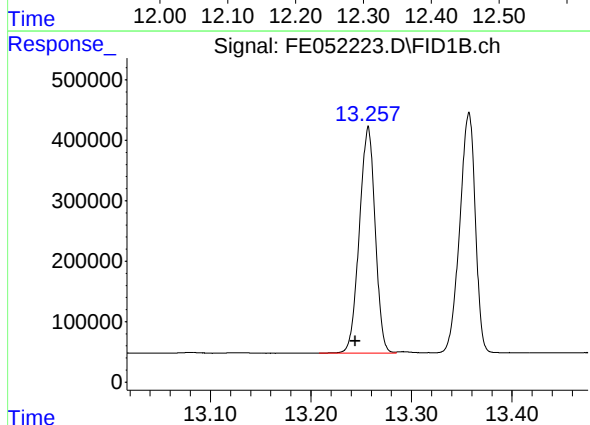
Instrument :

FID_E

ClientSampleId :
RT 3249MSD

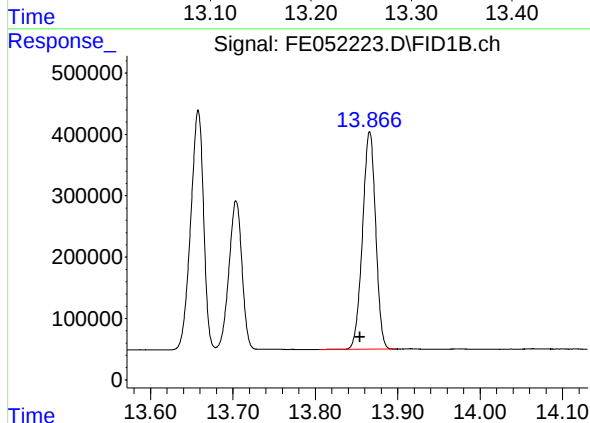
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



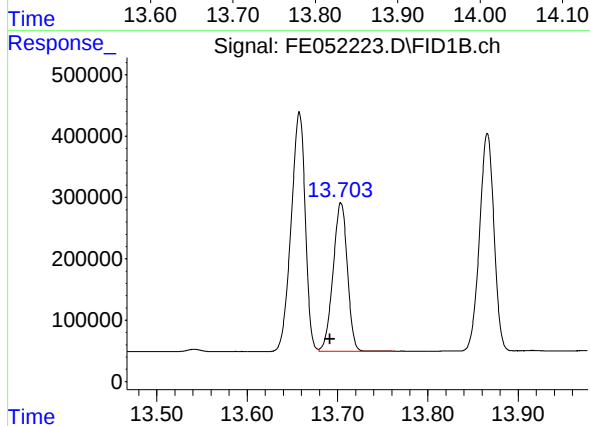
#10 n-Eicosane (C20)

R.T.: 13.257 min
Delta R.T.: 0.013 min
Response: 4095134
Conc: 36.29 ug/ml m



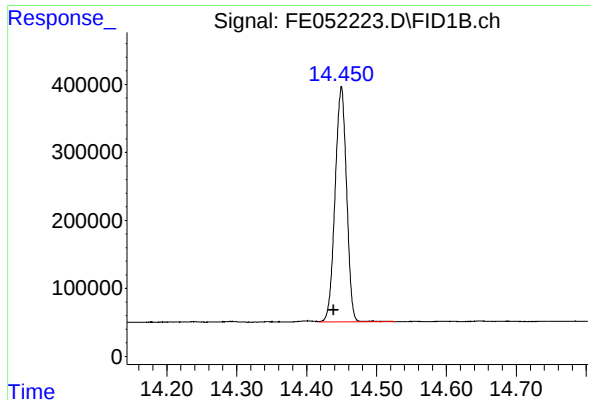
#11 n-Heneicosane (C21)

R.T.: 13.866 min
Delta R.T.: 0.012 min
Response: 3931686
Conc: 34.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.704 min
Delta R.T.: 0.012 min
Response: 2667746
Conc: 27.03 ug/ml



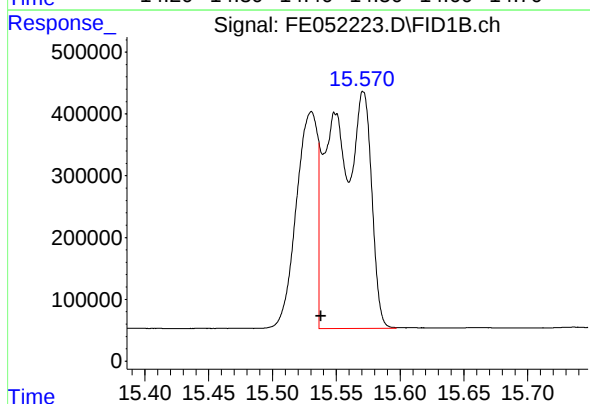
#13 n-Docosane (C22)

R.T.: 14.450 min
Delta R.T.: 0.011 min
Response: 3954873
Conc: 34.94 ug/ml

Instrument :
FID_E
ClientSampleId :
RT 3249MSD

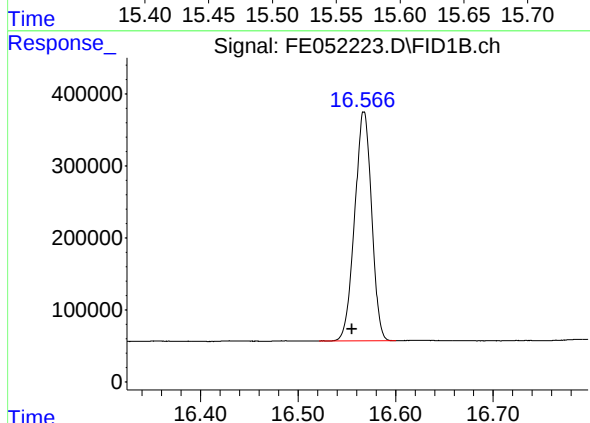
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



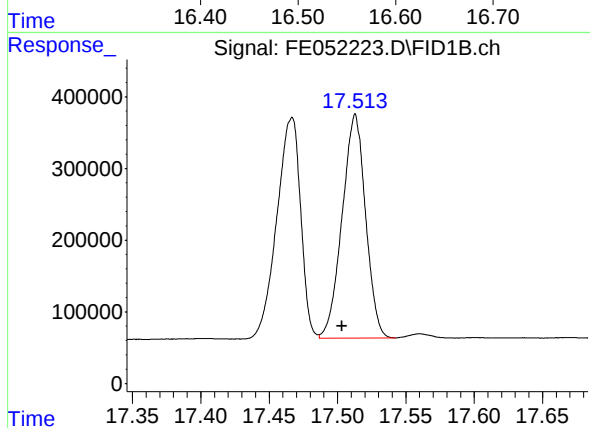
#14 n-Tetracosane (C24)

R.T.: 15.570 min
Delta R.T.: 0.032 min
Response: 8104115
Conc: 70.48 ug/ml m



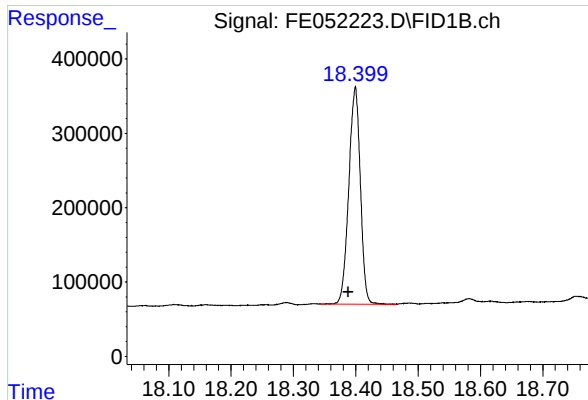
#15 n-Hexacosane (C26)

R.T.: 16.566 min
Delta R.T.: 0.011 min
Response: 3846102
Conc: 33.54 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.513 min
Delta R.T.: 0.009 min
Response: 3727687
Conc: 32.95 ug/ml



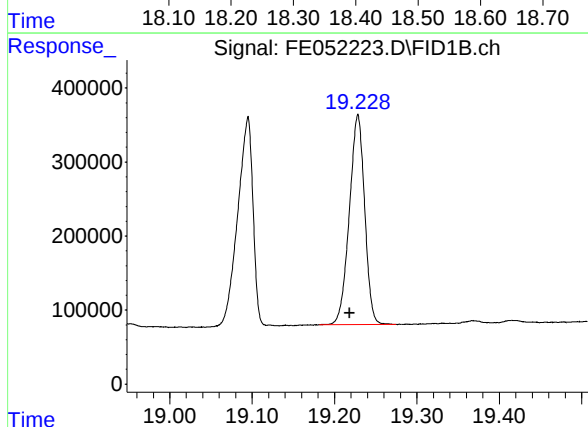
#17 n-Tricontane (C30)

R.T.: 18.399 min
Delta R.T.: 0.011 min
Response: 3753190
Conc: 32.94 ug/ml

Instrument :
FID_E
ClientSampleId :
RT 3249MSD

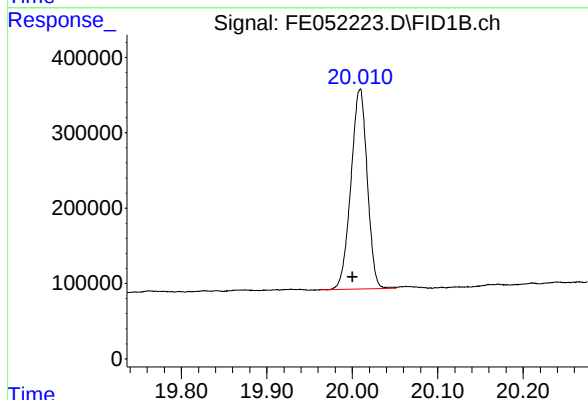
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



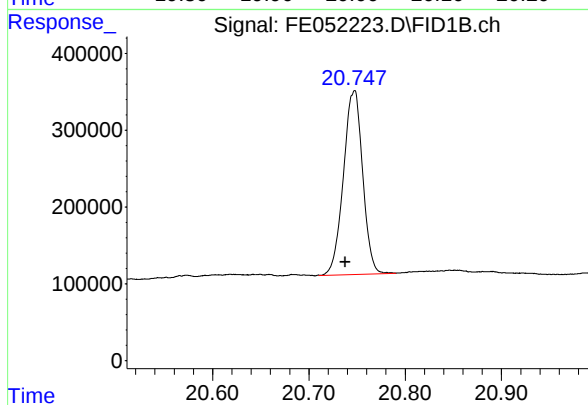
#18 n-Dotriacontane (C32)

R.T.: 19.228 min
Delta R.T.: 0.010 min
Response: 3665599
Conc: 33.62 ug/ml



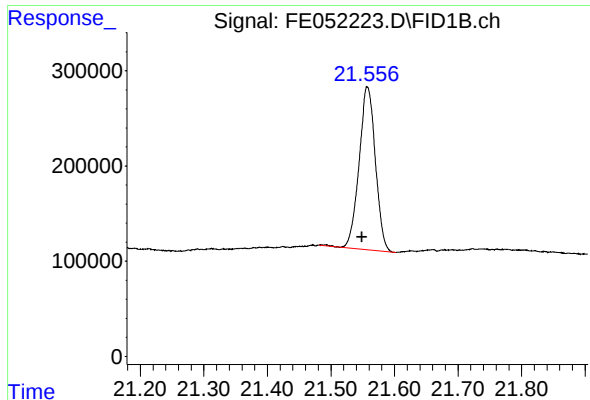
#19 n-Tetratriacontane (C34)

R.T.: 20.009 min
Delta R.T.: 0.009 min
Response: 3516207
Conc: 37.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.747 min
Delta R.T.: 0.009 min
Response: 3337164
Conc: 40.39 ug/ml m



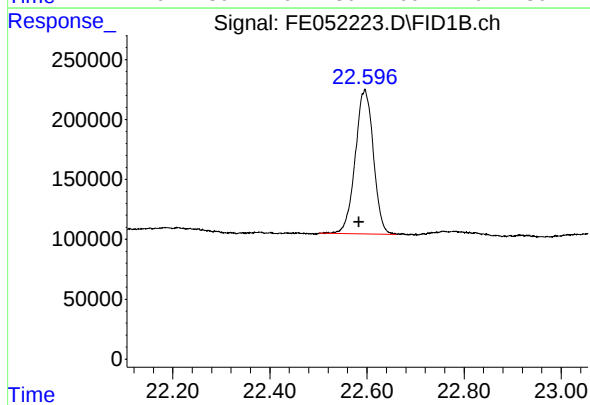
#21 n-Octatriacontane (C38)

R.T.: 21.558 min
Delta R.T.: 0.009 min
Response: 3045745
Conc: 41.00 ug/ml

Instrument :
FID_E
ClientSampleId :
RT 3249MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



#22 n-Tetracontane (C40)

R.T.: 22.595 min
Delta R.T.: 0.011 min
Response: 3111971
Conc: 41.74 ug/ml