

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072625AL\
 Data File : FE055035.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2025 21:50
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 26 03:49:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:46:03 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)	12.087	1552269	10.840 ug/ml
Spiked Amount 50.000		Recovery =	21.68%
12) S 1-chlorooctadecane (S...	13.523	1174594	10.843 ug/ml
Spiked Amount 50.000		Recovery =	21.69%
Target Compounds			
1) T n-Nonane (C9)	3.424	1271562	10.868 ug/ml
2) T n-Decane (C10)	4.683	1293740	10.822 ug/ml
3) T A~Naphthalene (C11.7)	6.403	1493091	10.815 ug/ml
4) T n-Dodecane (C12)	6.859	1327875	10.829 ug/ml
5) T A~2-methylnaphthalene...	7.504	1437457	10.731 ug/ml
6) T n-Tetradecane (C14)	8.696	1382541	10.954 ug/ml
7) T n-Hexadecane (C16)	10.311	1417845	10.896 ug/ml
8) T n-Octadecane (C18)	11.760	1430704	10.882 ug/ml
10) T n-Eicosane (C20)	13.075	1363620	10.859 ug/ml
11) T n-Heneicosane (C21)	13.689	1337951	10.892 ug/ml
13) T n-Docosane (C22)	14.277	1330009	10.913 ug/ml
14) T n-Tetracosane (C24)	15.384	1318361	10.892 ug/ml
15) T n-Hexacosane (C26)	16.407	1296444	10.863 ug/ml
16) T n-Octacosane (C28)	17.361	1303983	10.948 ug/ml
17) T n-Tricontane (C30)	18.250	1384259	11.059 ug/ml
18) T n-Dotriacontane (C32)	19.084	1384490	11.091 ug/ml
19) T n-Tetratriacontane (C34)	19.870	1308689	11.020 ug/ml
20) T n-Hexatriacontane (C36)	20.612	1211437	10.922 ug/ml
21) T n-Octatriacontane (C38)	21.392	1201420	11.241 ug/ml
22) T n-Tetracontane (C40)	22.387	1168579	10.896 ug/ml

(f)=RT Delta > 1/2 Window

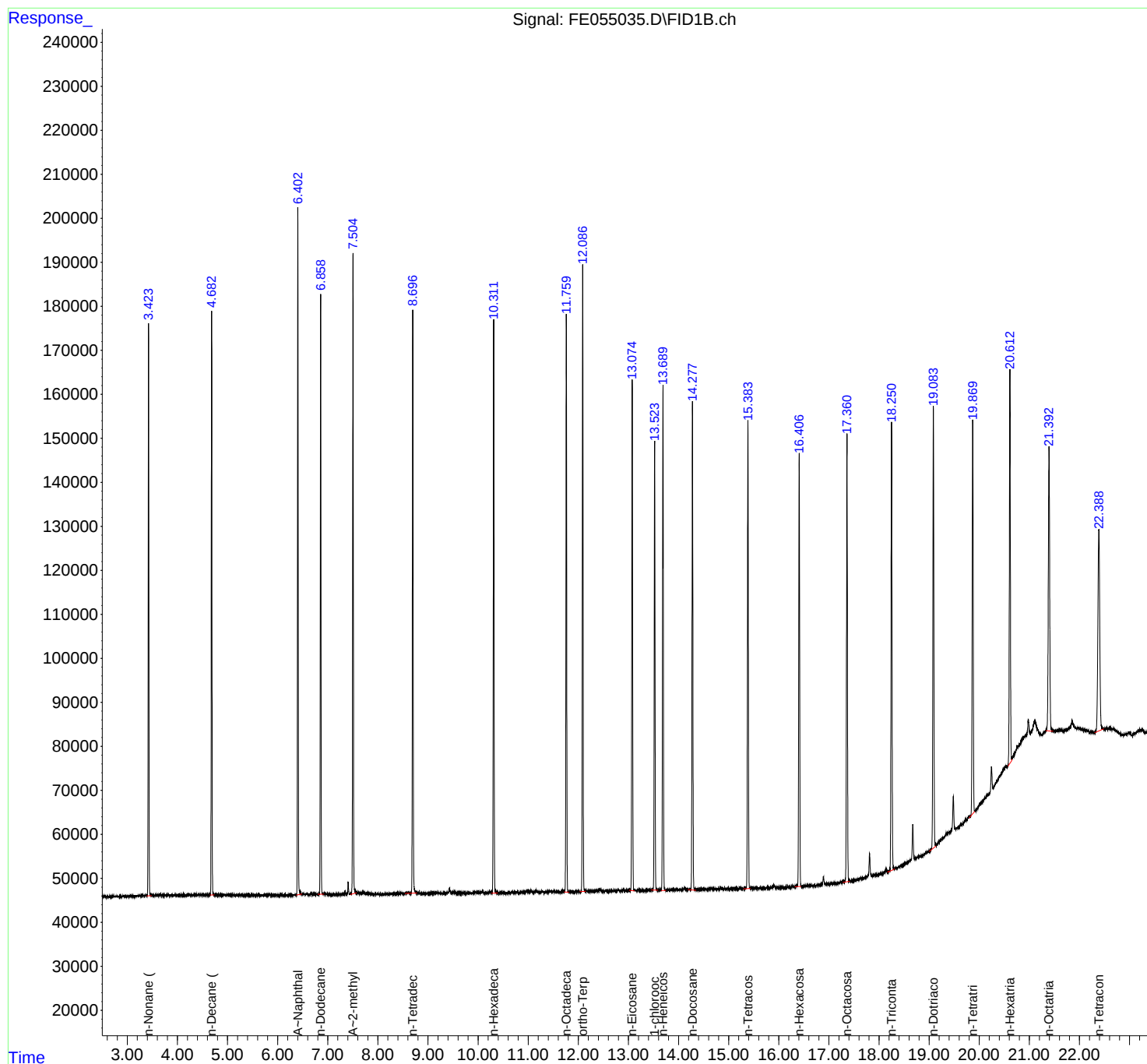
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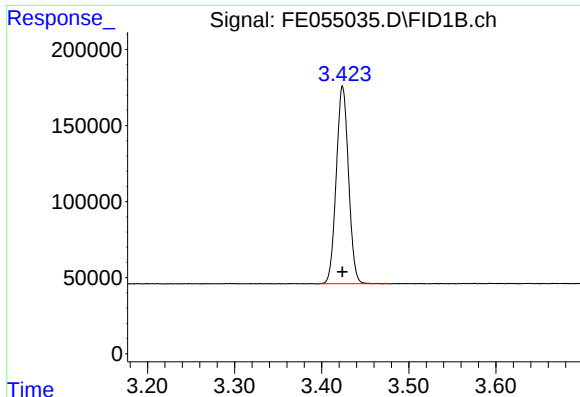
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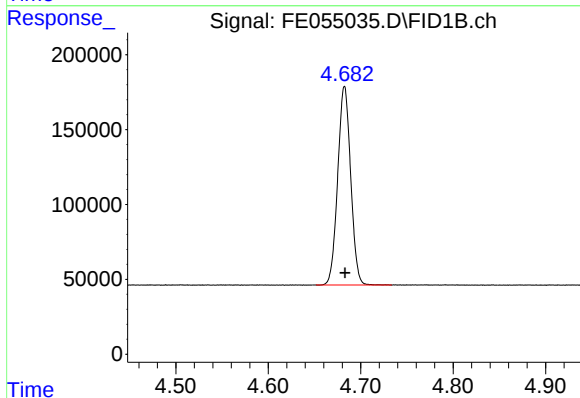




#1 n-Nonane (C9)

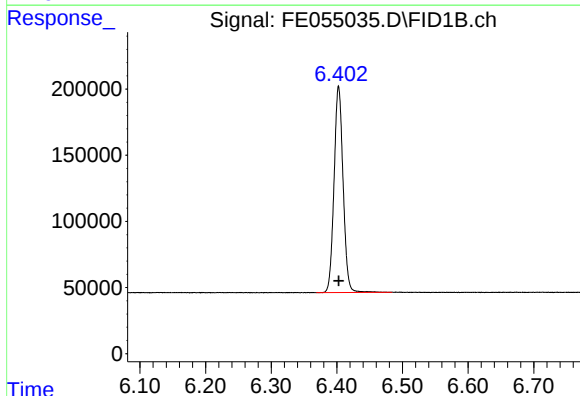
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 1271562
Conc: 10.87 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



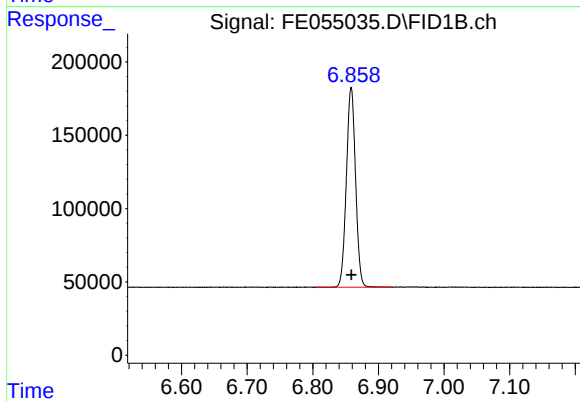
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 1293740
Conc: 10.82 ug/ml



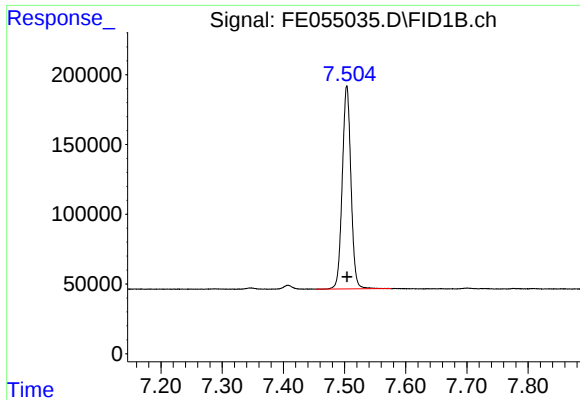
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 1493091
Conc: 10.81 ug/ml



#4 n-Dodecane (C12)

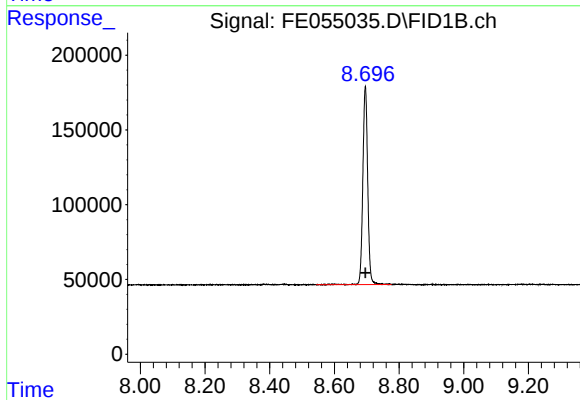
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 1327875
Conc: 10.83 ug/ml



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

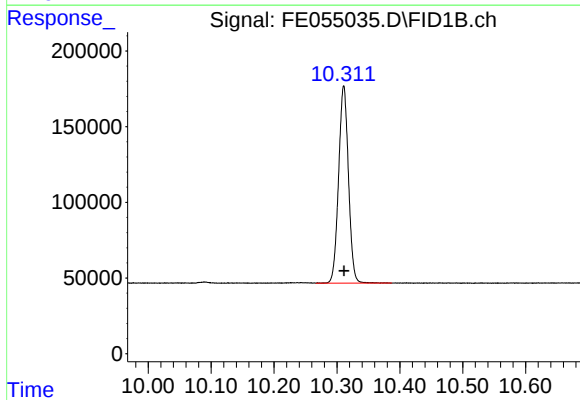
R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 1437457
Conc: 10.73 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



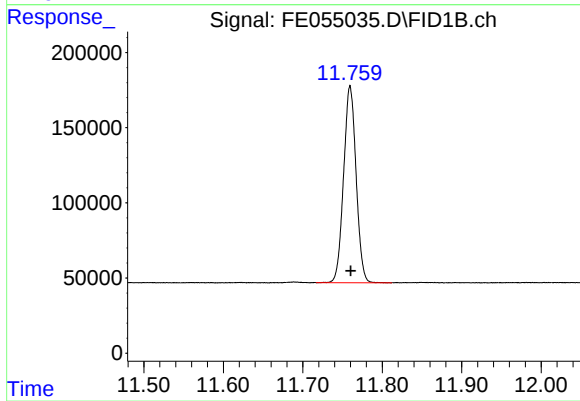
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 1382541
Conc: 10.95 ug/ml



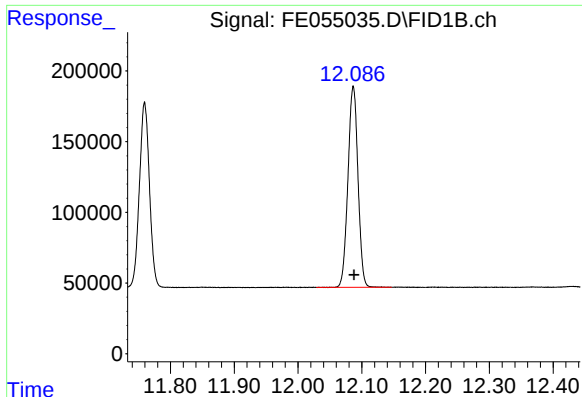
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.000 min
Response: 1417845
Conc: 10.90 ug/ml



#8 n-Octadecane (C18)

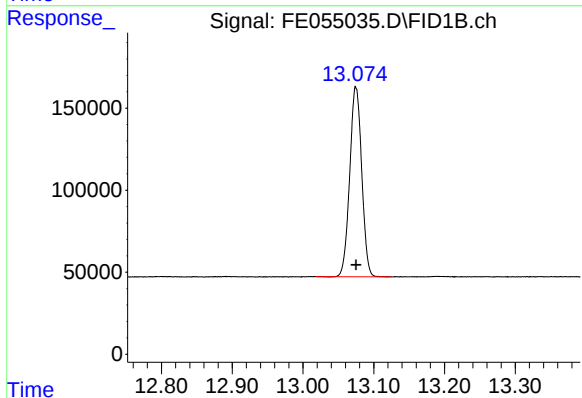
R.T.: 11.760 min
Delta R.T.: 0.000 min
Response: 1430704
Conc: 10.88 ug/ml



#9 ortho-Terphenyl (SURR)

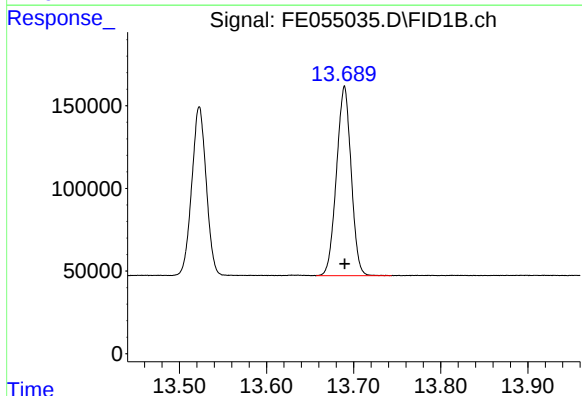
R.T.: 12.087 min
Delta R.T.: -0.001 min
Response: 1552269
Conc: 10.84 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



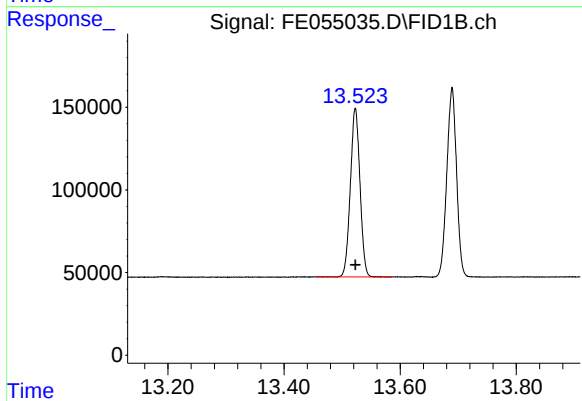
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.000 min
Response: 1363620
Conc: 10.86 ug/ml



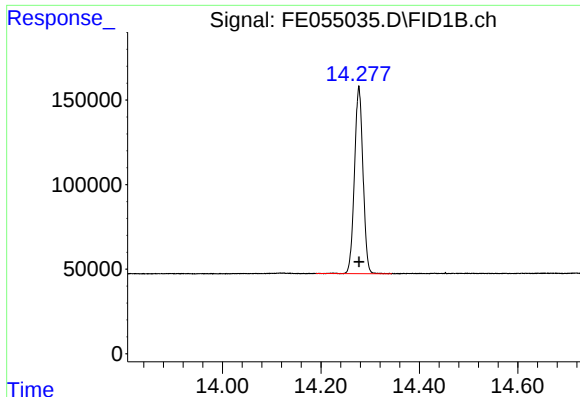
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.000 min
Response: 1337951
Conc: 10.89 ug/ml



#12 1-chlorooctadecane (SURR)

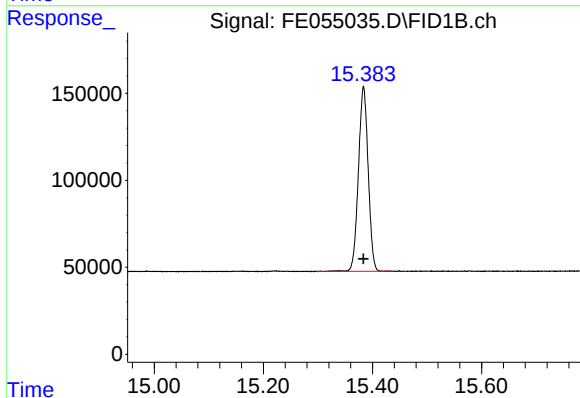
R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 1174594
Conc: 10.84 ug/ml



#13 n-Docosane (C22)

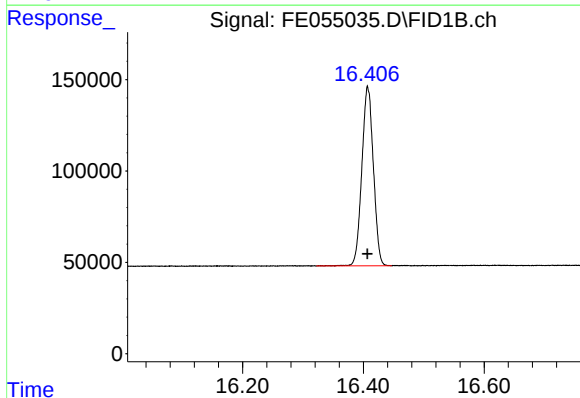
R.T.: 14.277 min
Delta R.T.: 0.000 min
Response: 1330009
Conc: 10.91 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



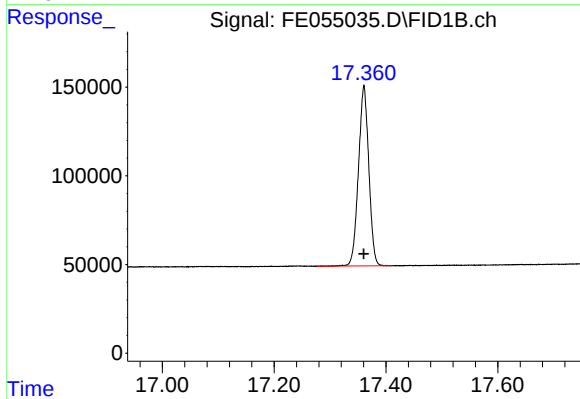
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.000 min
Response: 1318361
Conc: 10.89 ug/ml



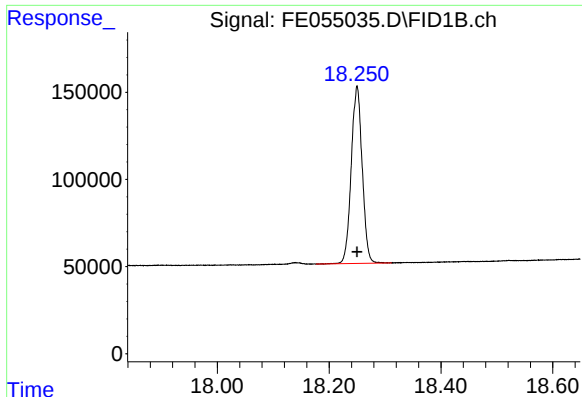
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.000 min
Response: 1296444
Conc: 10.86 ug/ml



#16 n-Octacosane (C28)

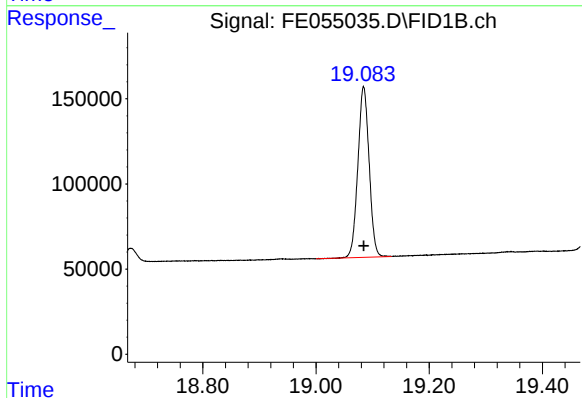
R.T.: 17.361 min
Delta R.T.: 0.000 min
Response: 1303983
Conc: 10.95 ug/ml



#17 n-Tricontane (C30)

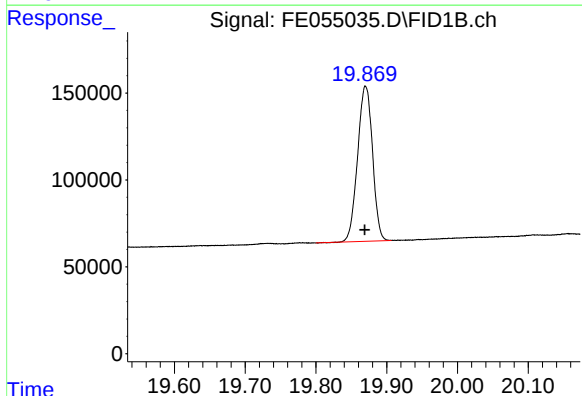
R.T.: 18.250 min
Delta R.T.: 0.000 min
Response: 1384259
Conc: 11.06 ug/ml

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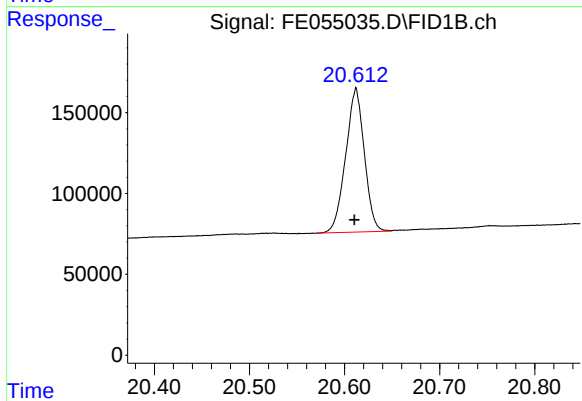
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: 0.000 min
Response: 1384490
Conc: 11.09 ug/ml



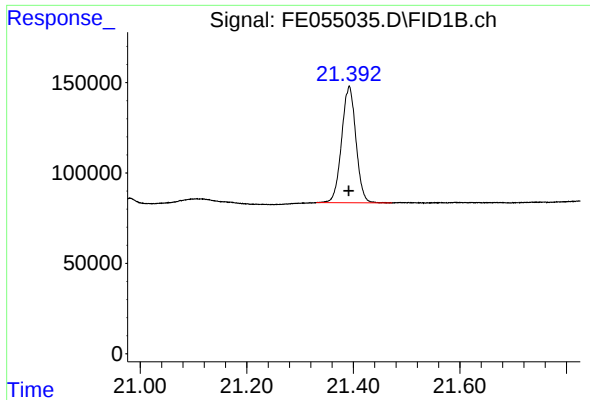
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.001 min
Response: 1308689
Conc: 11.02 ug/ml



#20 n-Hexatriacontane (C36)

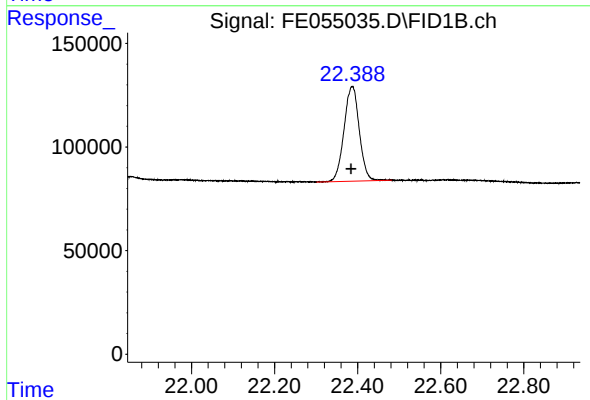
R.T.: 20.612 min
Delta R.T.: 0.001 min
Response: 1211437
Conc: 10.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.000 min
Response: 1201420
Conc: 11.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.003 min
Response: 1168579
Conc: 10.90 ug/ml