

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
 Data File : FE039709.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 00:15
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 10 03:26:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 03:26:12 2023
 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)	11.921	7121136	46.949 ug/ml
Spiked Amount 50.000		Recovery =	93.90%
12) S 1-chlorooctadecane (S...	13.357	5475665	47.529 ug/ml
Spiked Amount 50.000		Recovery =	95.06%
Target Compounds			
1) T n-Nonane (C9)	3.313	5888127	46.888 ug/ml
2) T n-Decane (C10)	4.564	5792089	47.156 ug/ml
3) T A~Naphthalene (C11.7)	6.265	6728374	47.654 ug/ml
4) T n-Dodecane (C12)	6.728	5895433	47.193 ug/ml
5) T A~2-methylnaphthalene...	7.360	6386529	48.385 ug/ml
6) T n-Tetradecane (C14)	8.554	6039086	47.292 ug/ml
7) T n-Hexadecane (C16)	10.161	6308391	47.174 ug/ml
8) T n-Octadecane (C18)	11.603	6516979	46.982 ug/ml
10) T n-Eicosane (C20)	12.912	6425191	46.971 ug/ml
11) T n-Heneicosane (C21)	13.524	6478409	46.978 ug/ml
13) T n-Docosane (C22)	14.110	6432419	47.145 ug/ml
14) T n-Tetracosane (C24)	15.212	6391519	47.369 ug/ml
15) T n-Hexacosane (C26)	16.233	6192536	47.266 ug/ml
16) T n-Octacosane (C28)	17.183	6033476	47.253 ug/ml
17) T n-Tricontane (C30)	18.072	5845001	46.668 ug/ml
18) T n-Dotriacontane (C32)	18.904	5749053	46.218 ug/ml
19) T n-Tetratriacontane (C34)	19.687	5619437	45.992 ug/ml
20) T n-Hexatriacontane (C36)	20.426	5385954	45.276 ug/ml
21) T n-Octatriacontane (C38)	21.160	5416966	45.735 ug/ml
22) T n-Tetracontane (C40)	22.070	5433958	45.018 ug/ml

(f)=RT Delta > 1/2 Window

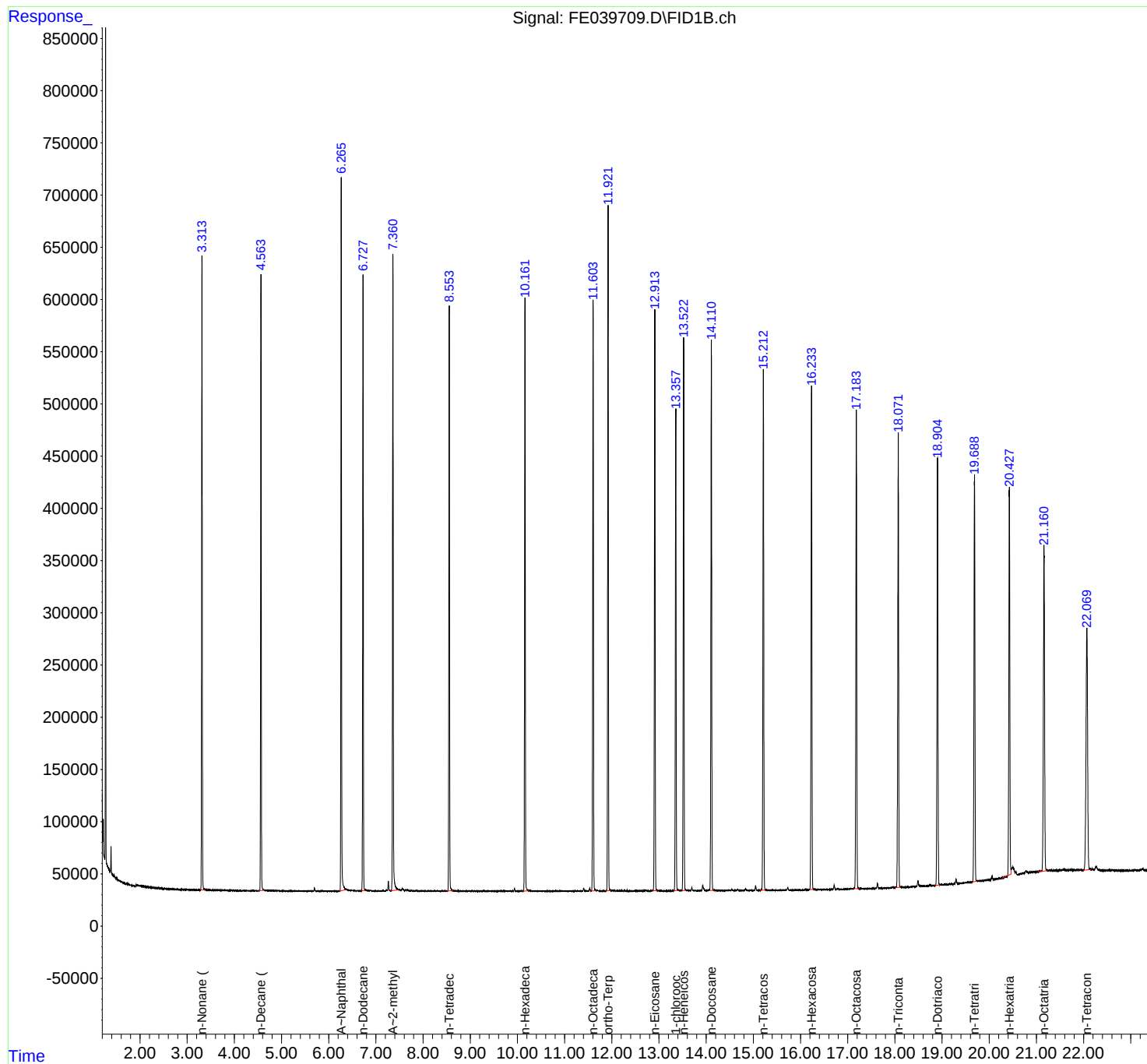
(m)=manual int.

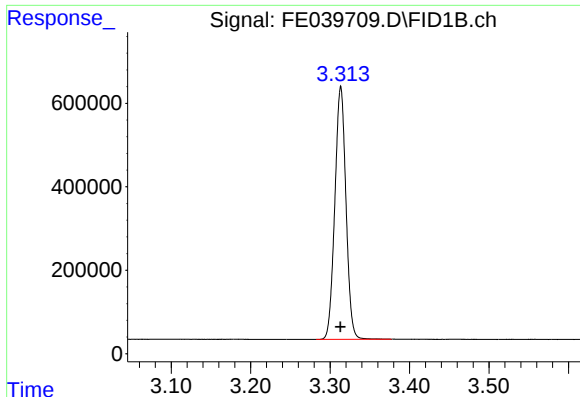
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
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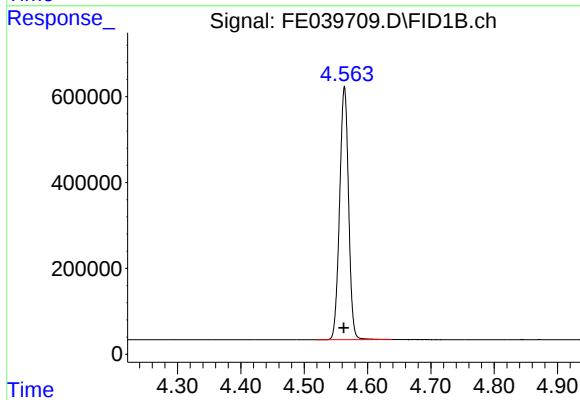




#1 n-Nonane (C9)

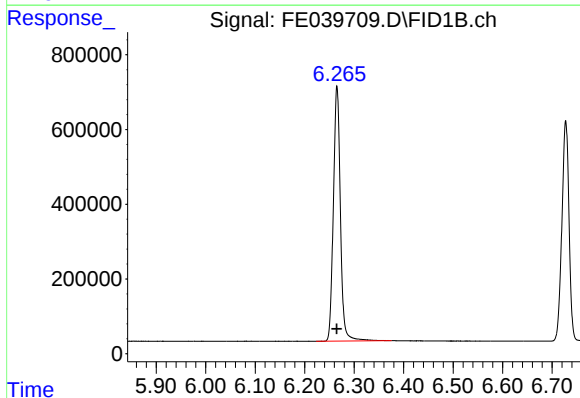
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 5888127
Conc: 46.89 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



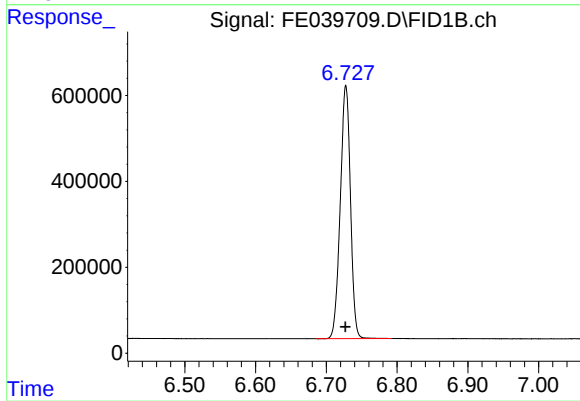
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: 0.001 min
Response: 5792089
Conc: 47.16 ug/ml



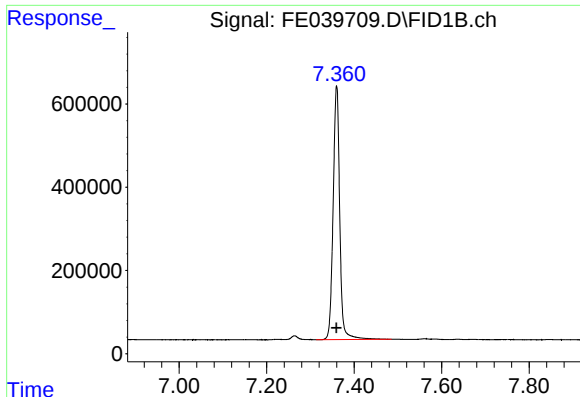
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 6728374
Conc: 47.65 ug/ml



#4 n-Dodecane (C12)

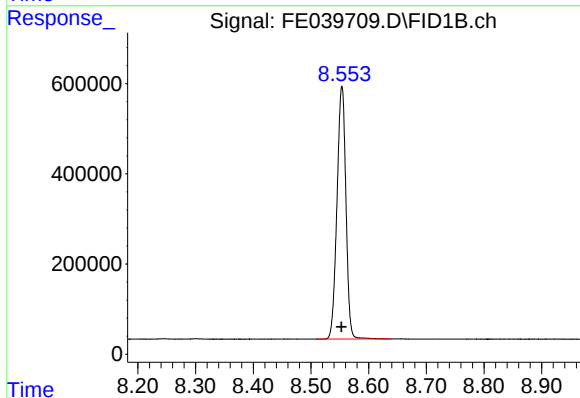
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 5895433
Conc: 47.19 ug/ml



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

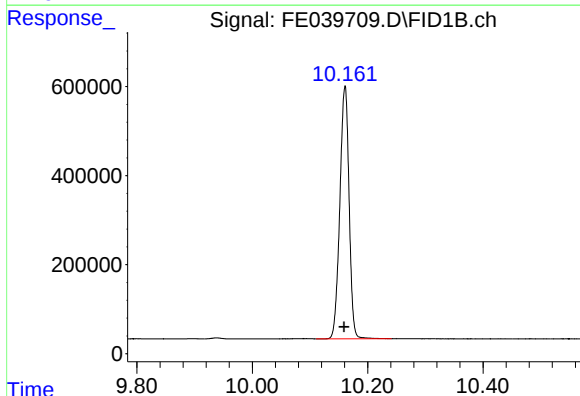
R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 6386529
Conc: 48.39 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



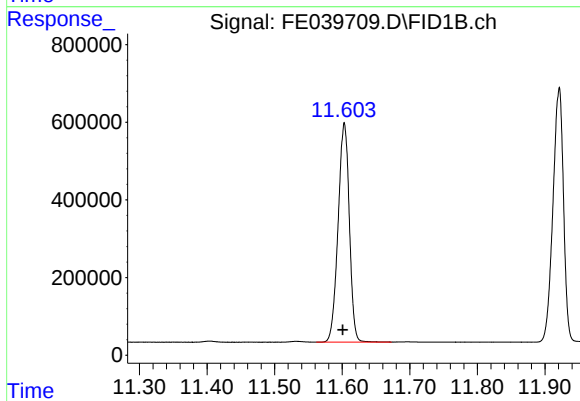
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: 0.001 min
Response: 6039086
Conc: 47.29 ug/ml



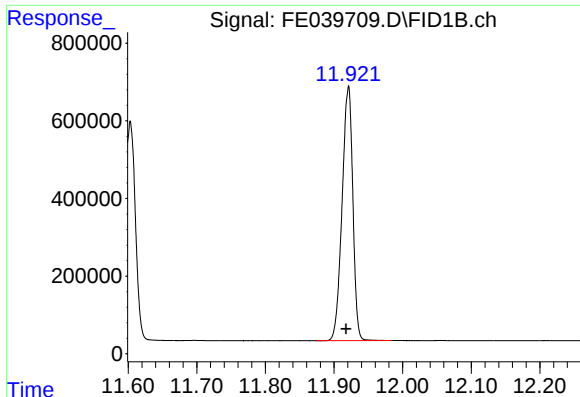
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.002 min
Response: 6308391
Conc: 47.17 ug/ml



#8 n-Octadecane (C18)

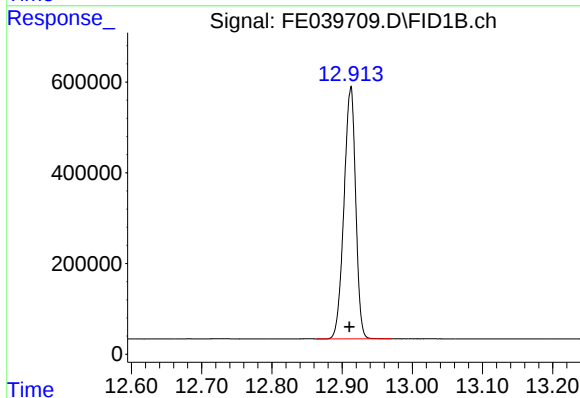
R.T.: 11.603 min
Delta R.T.: 0.002 min
Response: 6516979
Conc: 46.98 ug/ml



#9 ortho-Terphenyl (SURR)

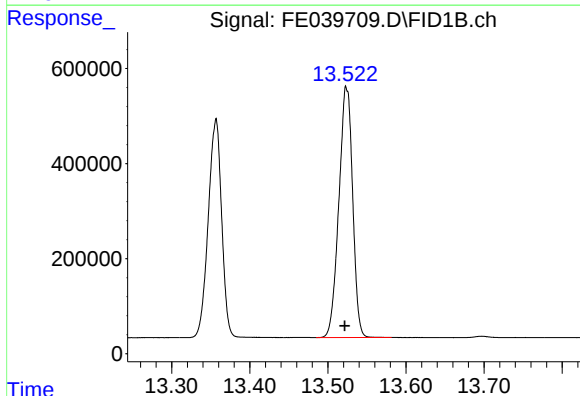
R.T.: 11.921 min
Delta R.T.: 0.003 min
Response: 7121136
Conc: 46.95 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



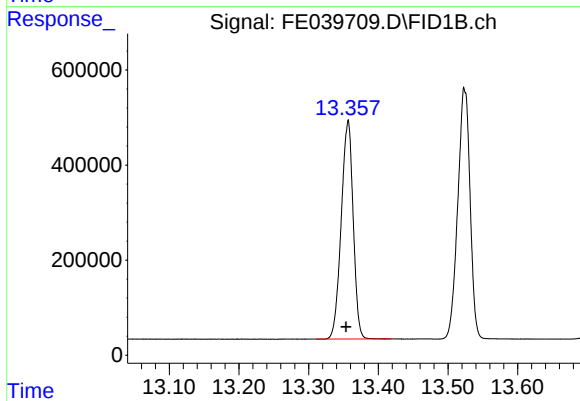
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.002 min
Response: 6425191
Conc: 46.97 ug/ml



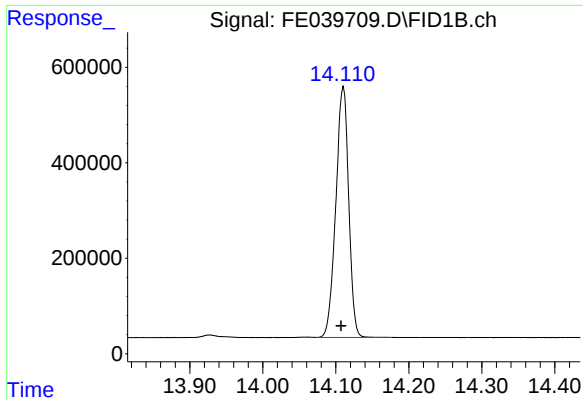
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 6478409
Conc: 46.98 ug/ml



#12 1-chlorooctadecane (SURR)

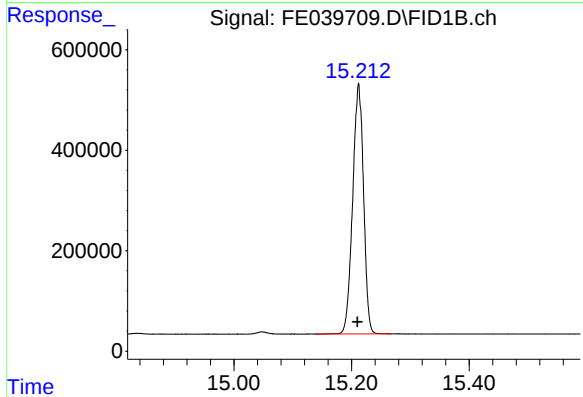
R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 5475665
Conc: 47.53 ug/ml



#13 n-Docosane (C22)

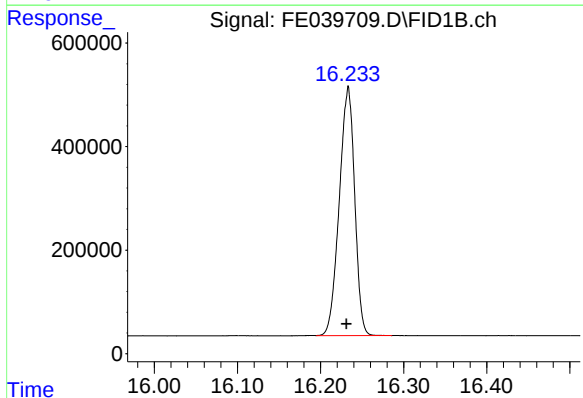
R.T.: 14.110 min
Delta R.T.: 0.003 min
Response: 6432419
Conc: 47.14 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



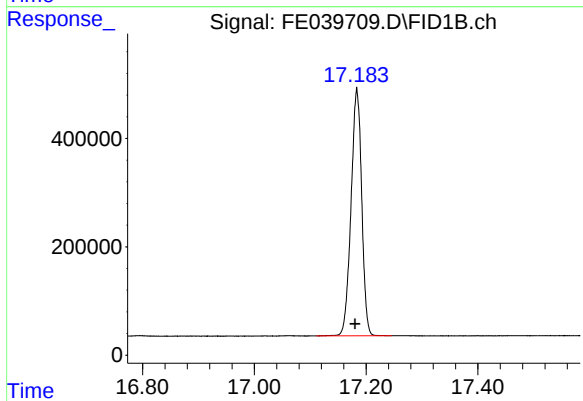
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.002 min
Response: 6391519
Conc: 47.37 ug/ml



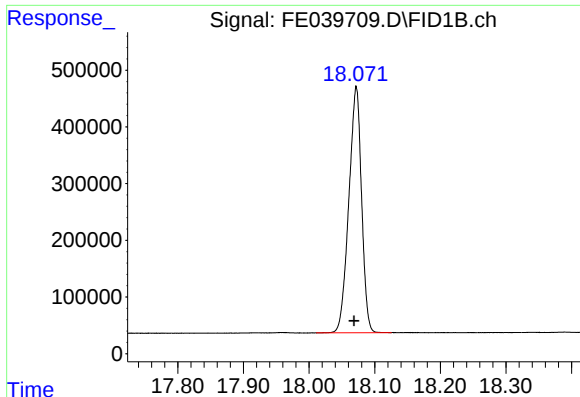
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.002 min
Response: 6192536
Conc: 47.27 ug/ml



#16 n-Octacosane (C28)

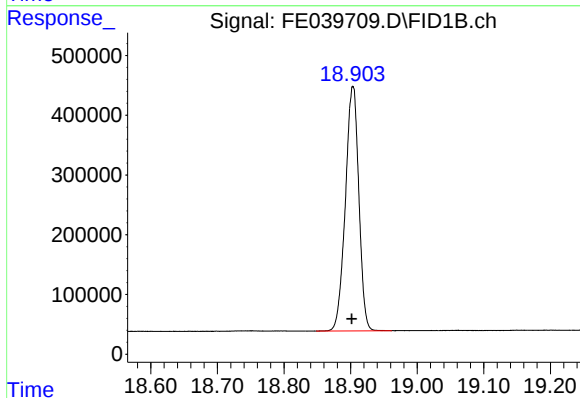
R.T.: 17.183 min
Delta R.T.: 0.003 min
Response: 6033476
Conc: 47.25 ug/ml



#17 n-Tricontane (C30)

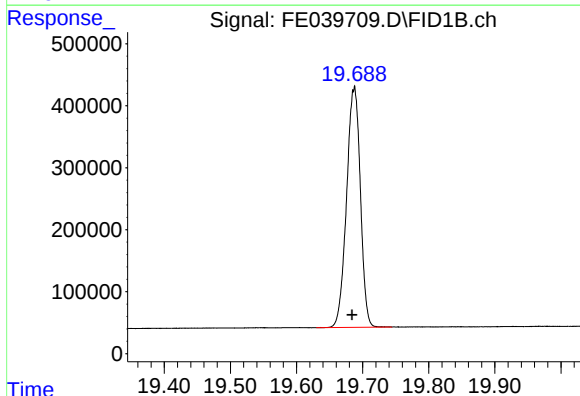
R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 5845001
Conc: 46.67 ug/ml

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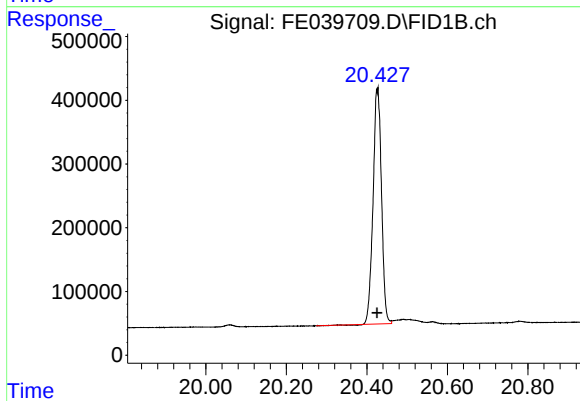
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.002 min
Response: 5749053
Conc: 46.22 ug/ml



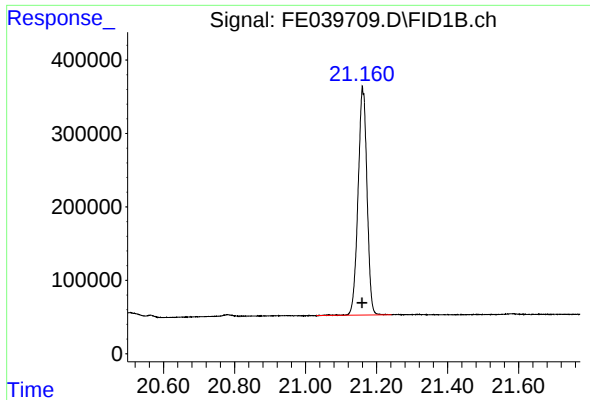
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.003 min
Response: 5619437
Conc: 45.99 ug/ml



#20 n-Hexatriacontane (C36)

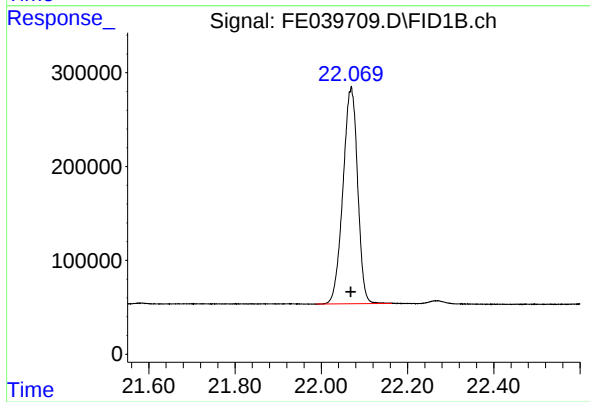
R.T.: 20.426 min
Delta R.T.: 0.001 min
Response: 5385954
Conc: 45.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: 0.001 min
Response: 5416966
Conc: 45.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: 0.002 min
Response: 5433958
Conc: 45.02 ug/ml