

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
 Data File : FE039713.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 02:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 10 04:25:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.918	3045654	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	13.353	2310625	19.800 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	3.313	2541838	20.025 ug/ml
2) T n-Decane (C10)	4.562	2486011	20.018 ug/ml
3) T A~Naphthalene (C11.7)	6.264	2835716	20.108 ug/ml
4) T n-Dodecane (C12)	6.726	2508455	19.952 ug/ml
5) T A~2-methylnaphthalene...	7.359	2658210	20.295 ug/ml
6) T n-Tetradecane (C14)	8.552	2571639	19.995 ug/ml
7) T n-Hexadecane (C16)	10.159	2686548	19.914 ug/ml
8) T n-Octadecane (C18)	11.600	2784848	19.874 ug/ml
10) T n-Eicosane (C20)	12.909	2743011	19.798 ug/ml
11) T n-Heneicosane (C21)	13.521	2763213	19.802 ug/ml
13) T n-Docosane (C22)	14.107	2747399	19.793 ug/ml
14) T n-Tetracosane (C24)	15.209	2711480	19.694 ug/ml
15) T n-Hexacosane (C26)	16.230	2636659	19.755 ug/ml
16) T n-Octacosane (C28)	17.179	2574485	19.777 ug/ml
17) T n-Tricontane (C30)	18.068	2510429	19.686 ug/ml
18) T n-Dotriacontane (C32)	18.900	2480917	19.624 ug/ml
19) T n-Tetratriacontane (C34)	19.685	2417231	19.562 ug/ml
20) T n-Hexatriacontane (C36)	20.424	2304416	19.546 ug/ml
21) T n-Octatriacontane (C38)	21.158	2291357	19.172 ug/ml
22) T n-Tetracontane (C40)	22.064	2284691	18.825 ug/ml

(f)=RT Delta > 1/2 Window

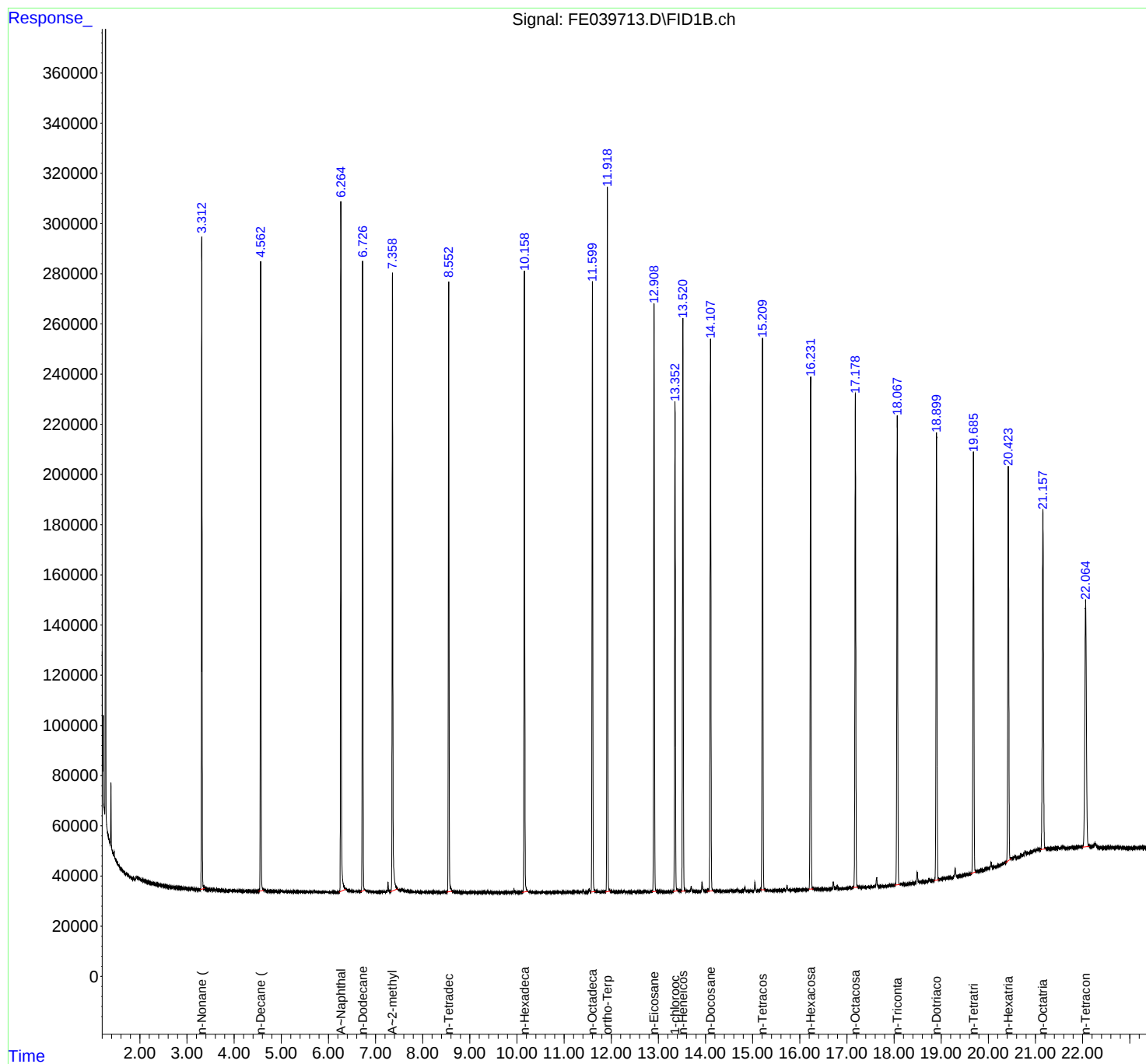
(m)=manual int.

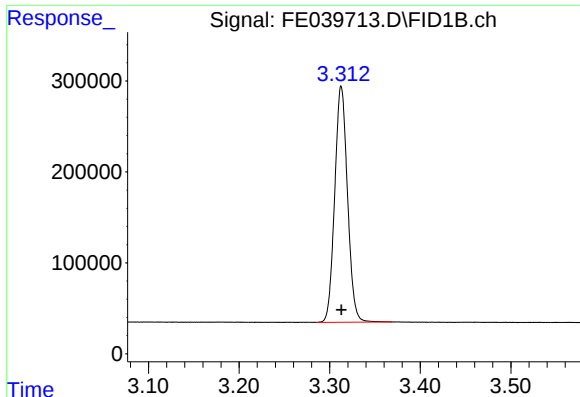
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011023AL\
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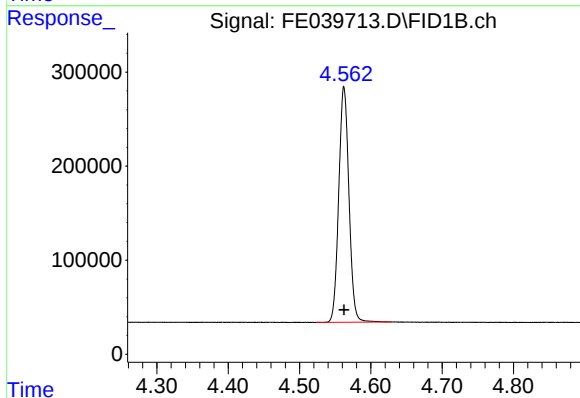




#1 n-Nonane (C9)

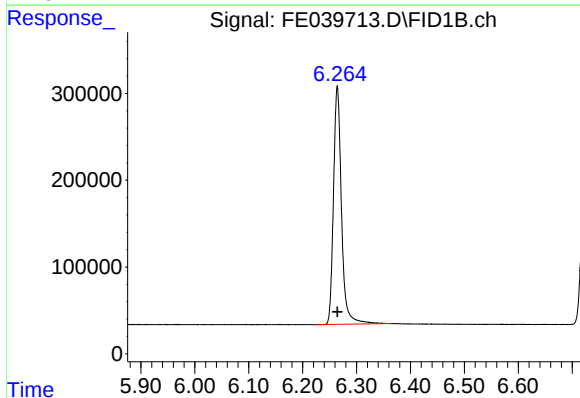
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2541838
Conc: 20.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



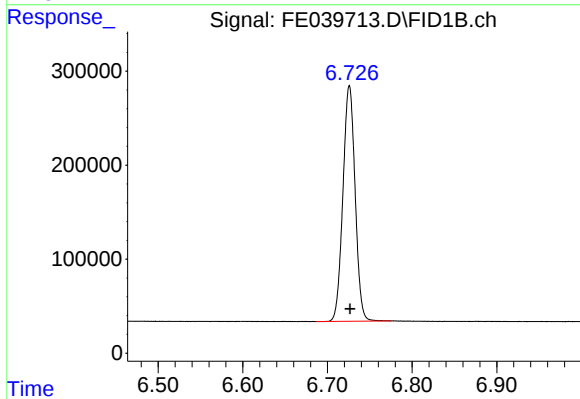
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 2486011
Conc: 20.02 ug/ml



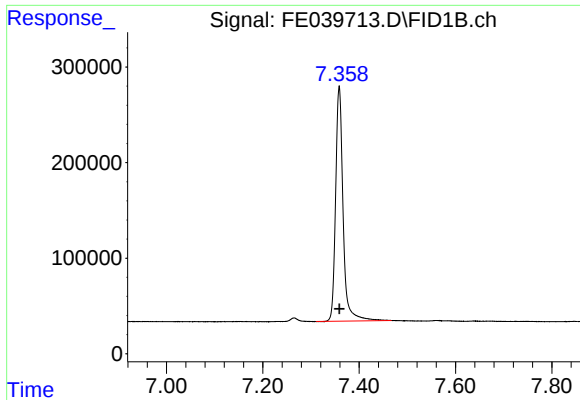
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 2835716
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

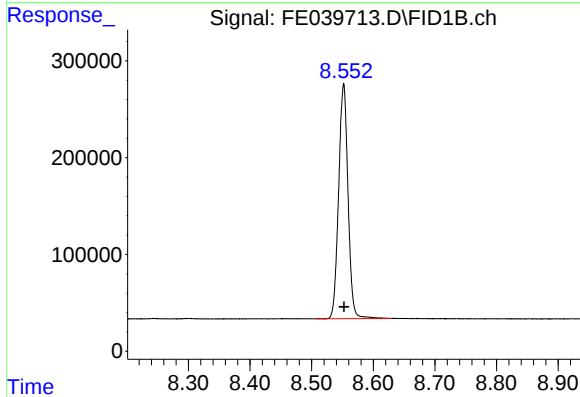
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 2508455
Conc: 19.95 ug/ml



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

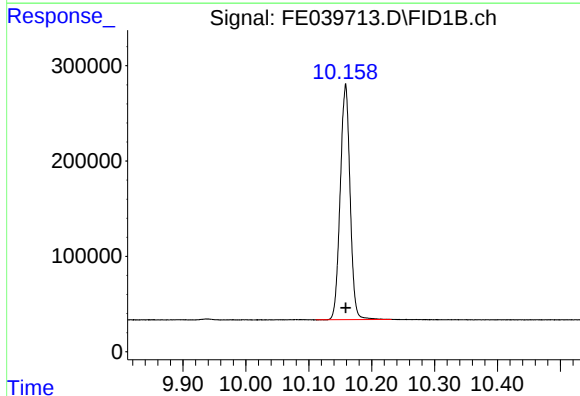
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 2658210
Conc: 20.30 ug/ml

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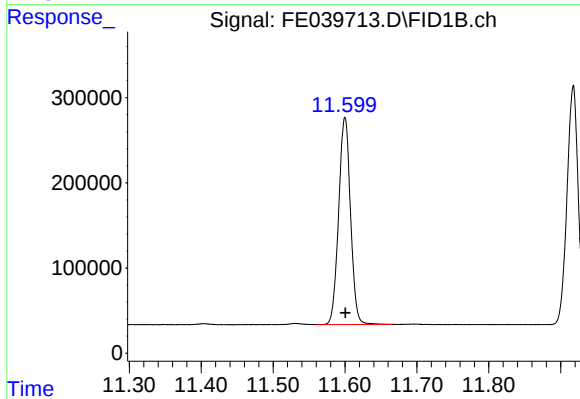
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 2571639
Conc: 19.99 ug/ml



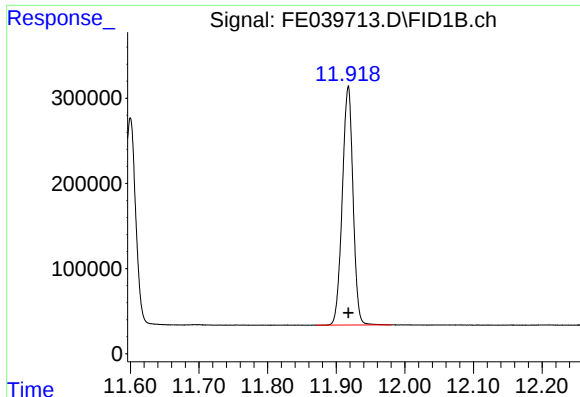
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.000 min
Response: 2686548
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

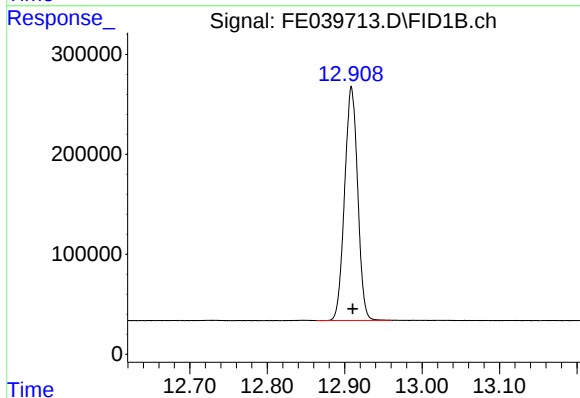
R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 2784848
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

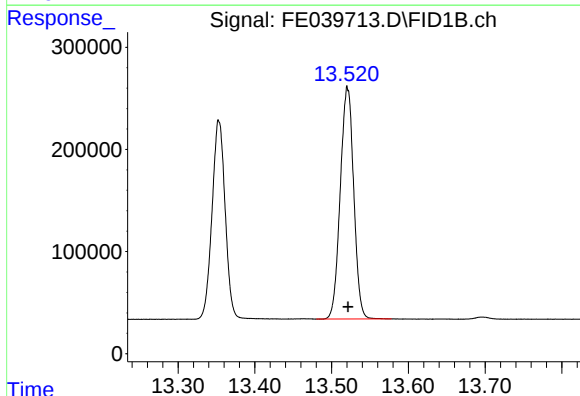
R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 3045654
Conc: 19.83 ug/ml

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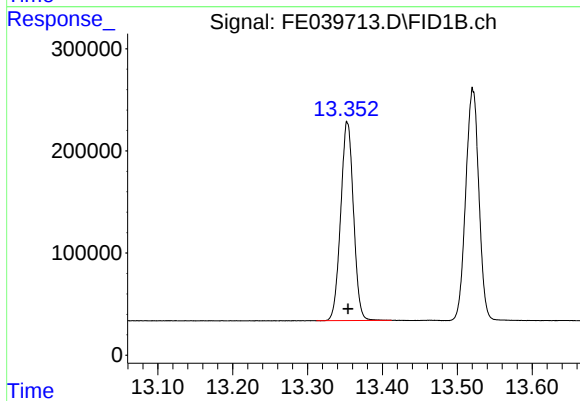
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.002 min
Response: 2743011
Conc: 19.80 ug/ml



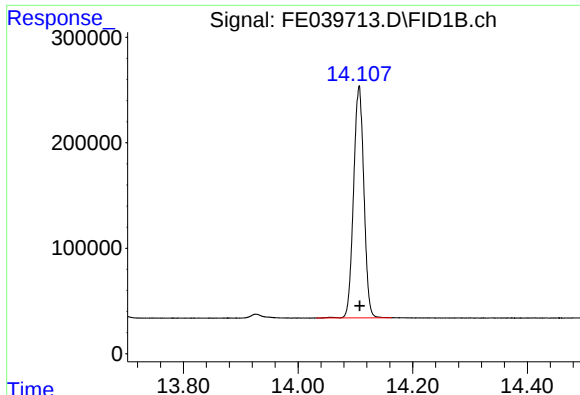
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2763213
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 2310625
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

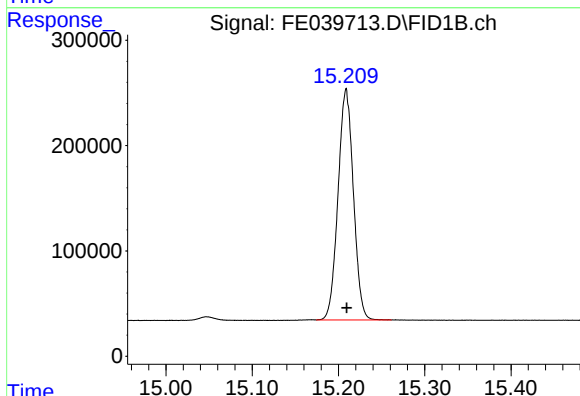
R.T.: 14.107 min
Delta R.T.: 0.000 min
Response: 2747399
Conc: 19.79 ug/ml

Instrument :

FID_E

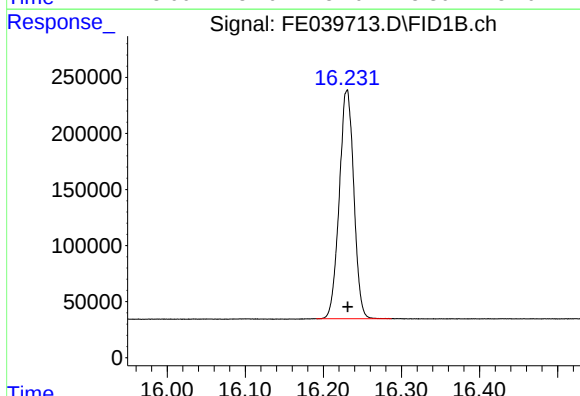
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



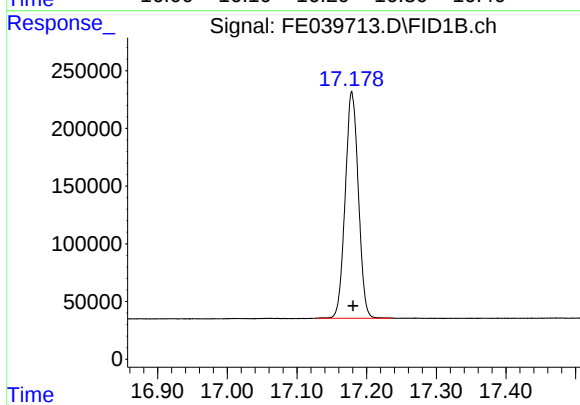
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 2711480
Conc: 19.69 ug/ml



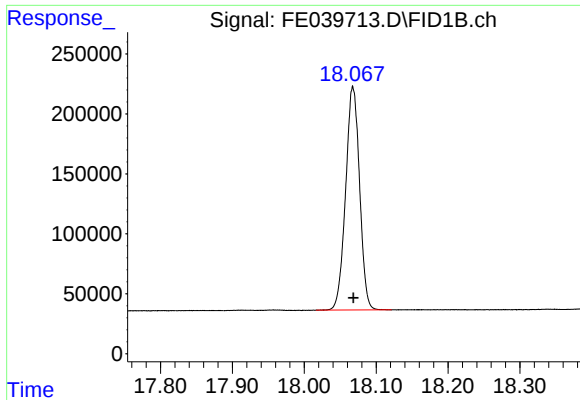
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: -0.001 min
Response: 2636659
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

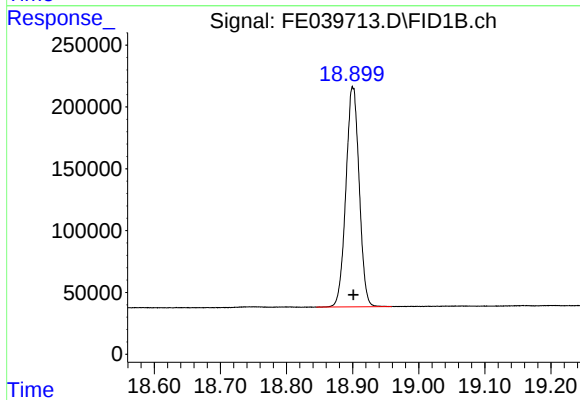
R.T.: 17.179 min
Delta R.T.: -0.002 min
Response: 2574485
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

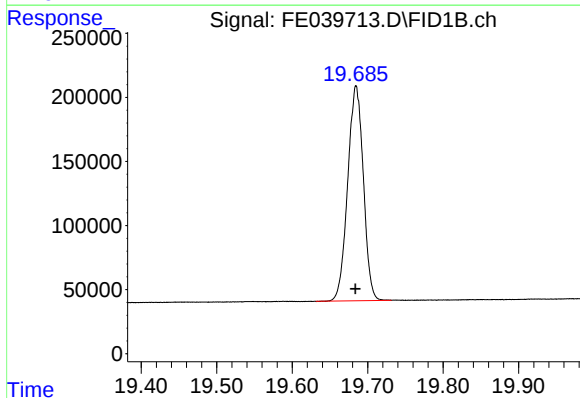
R.T.: 18.068 min
Delta R.T.: -0.001 min
Response: 2510429
Conc: 19.69 ug/ml

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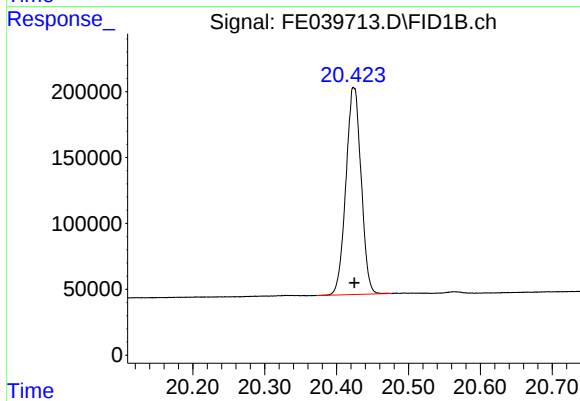
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.001 min
Response: 2480917
Conc: 19.62 ug/ml



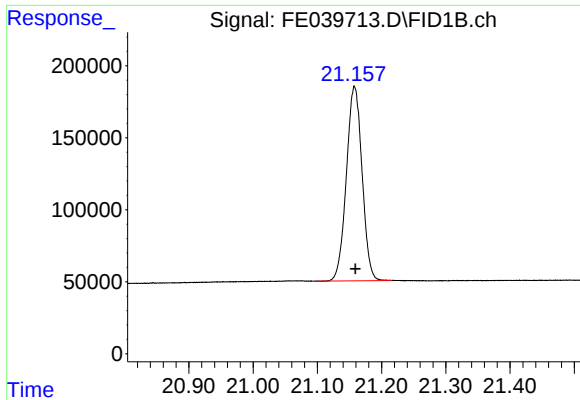
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: 0.000 min
Response: 2417231
Conc: 19.56 ug/ml



#20 n-Hexatriacontane (C36)

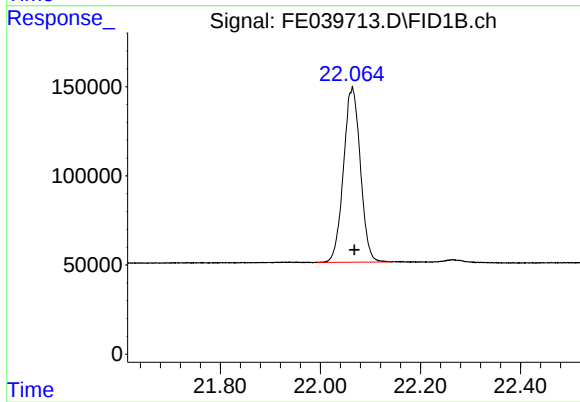
R.T.: 20.424 min
Delta R.T.: -0.001 min
Response: 2304416
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.002 min
Response: 2291357
Conc: 19.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.064 min
Delta R.T.: -0.004 min
Response: 2284691
Conc: 18.82 ug/ml