

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011923AL\
 Data File : FE039922.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2023 00:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 20 01:00:16 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)	11.912	2786161	18.143 ug/ml
Spiked Amount 50.000		Recovery =	36.29%
12) S 1-chlorooctadecane (S...	13.349	2155919	18.474 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.305	2310985	18.206 ug/ml
2) T n-Decane (C10)	4.554	2296159	18.489 ug/ml
3) T A~Naphthalene (C11.7)	6.257	2583944	18.322 ug/ml
4) T n-Dodecane (C12)	6.718	2333154	18.557 ug/ml
5) T A~2-methylnaphthalene...	7.352	2424972	18.514 ug/ml
6) T n-Tetradecane (C14)	8.545	2400115	18.661 ug/ml
7) T n-Hexadecane (C16)	10.152	2516372	18.653 ug/ml
8) T n-Octadecane (C18)	11.595	2589777	18.482 ug/ml
10) T n-Eicosane (C20)	12.904	2547895	18.389 ug/ml
11) T n-Heneicosane (C21)	13.516	2540707	18.208 ug/ml
13) T n-Docosane (C22)	14.102	2542580	18.318 ug/ml
14) T n-Tetracosane (C24)	15.206	2568575	18.656 ug/ml
15) T n-Hexacosane (C26)	16.227	2509718	18.804 ug/ml
16) T n-Octacosane (C28)	17.178	2563538	19.693 ug/ml
17) T n-Tricontane (C30)	18.066	2718679	21.319 ug/ml
18) T n-Dotriacontane (C32)	18.899	2801803	22.162 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2626799	21.258 ug/ml
20) T n-Hexatriacontane (C36)	20.424	2482874	21.060 ug/ml
21) T n-Octatriacontane (C38)	21.159	2355937	19.712 ug/ml
22) T n-Tetracontane (C40)	22.062	2383389	19.638 ug/ml

(f)=RT Delta > 1/2 Window

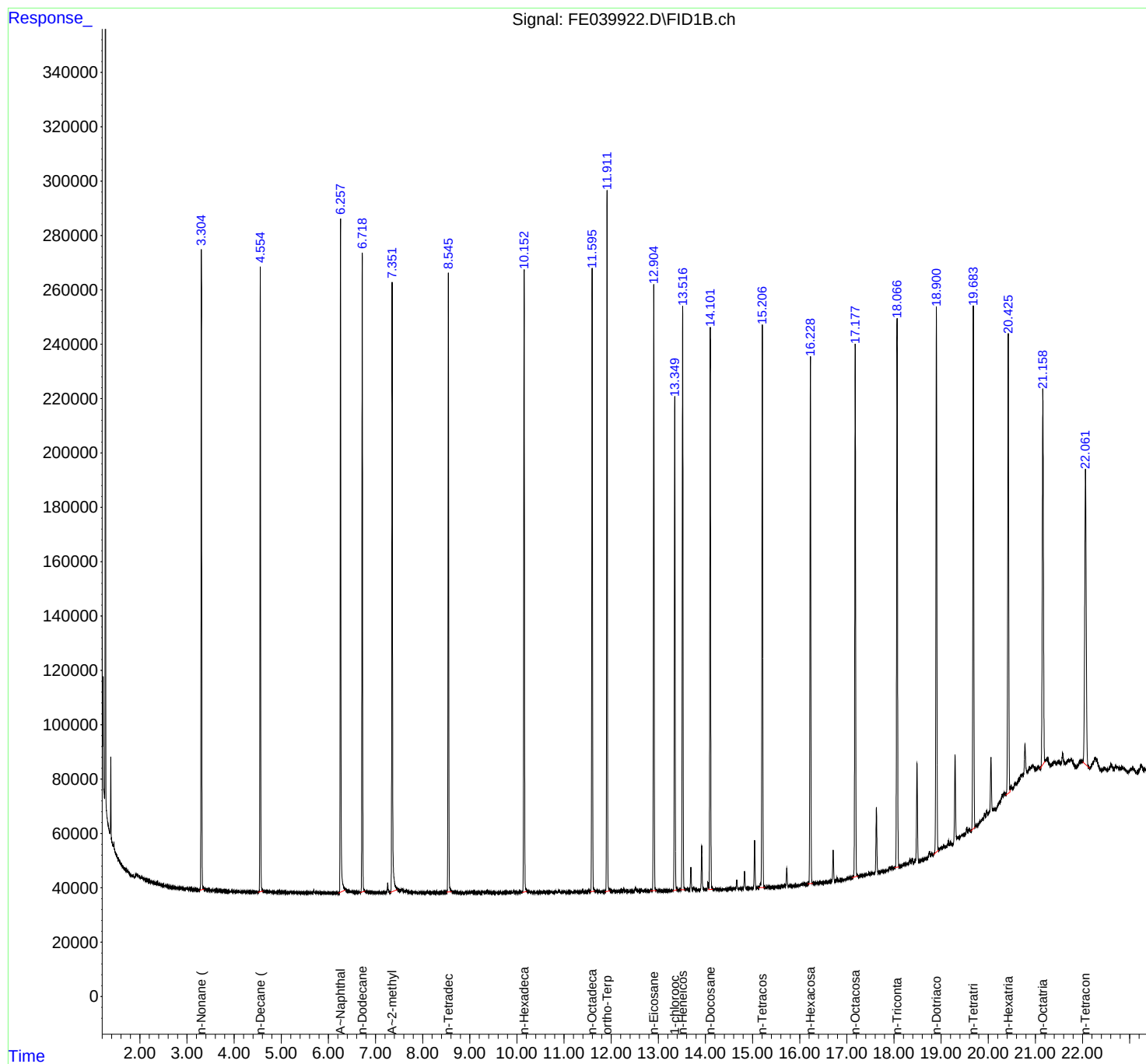
(m)=manual int.

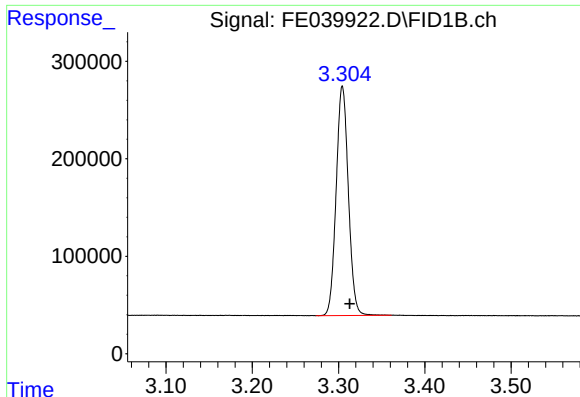
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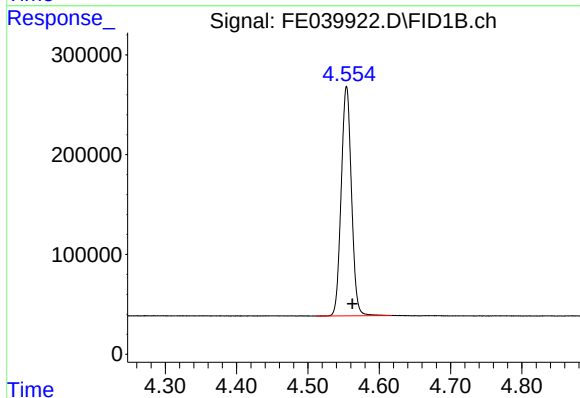




#1 n-Nonane (C9)

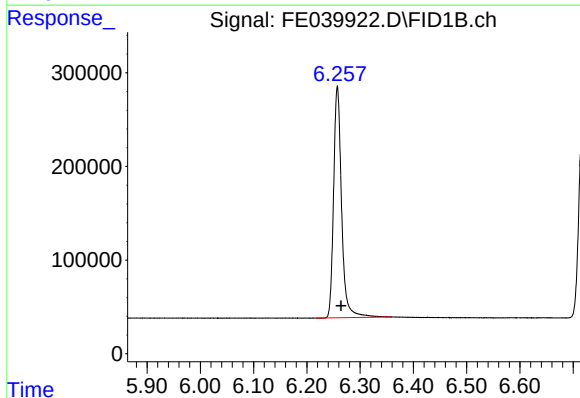
R.T.: 3.305 min
Delta R.T.: -0.008 min
Response: 2310985
Conc: 18.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



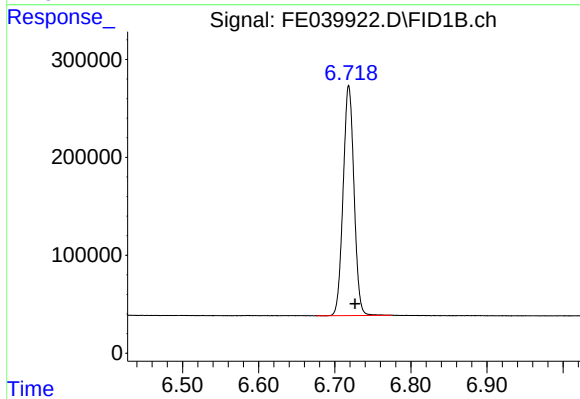
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.008 min
Response: 2296159
Conc: 18.49 ug/ml



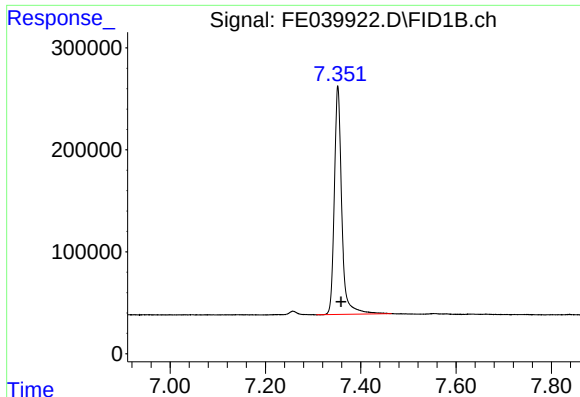
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: -0.007 min
Response: 2583944
Conc: 18.32 ug/ml



#4 n-Dodecane (C12)

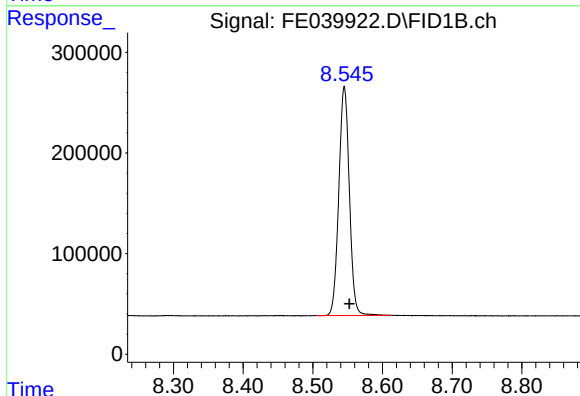
R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 2333154
Conc: 18.56 ug/ml



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

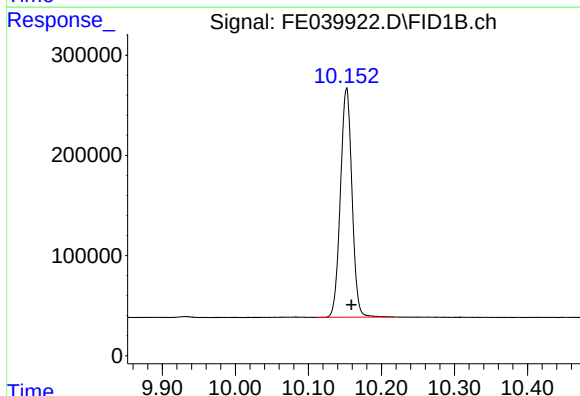
R.T.: 7.352 min
Delta R.T.: -0.007 min
Response: 2424972
Conc: 18.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



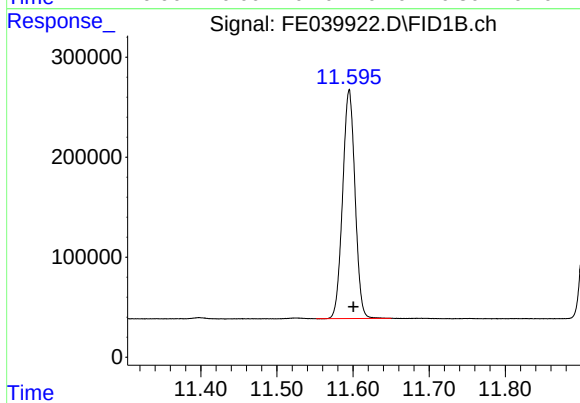
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.007 min
Response: 2400115
Conc: 18.66 ug/ml



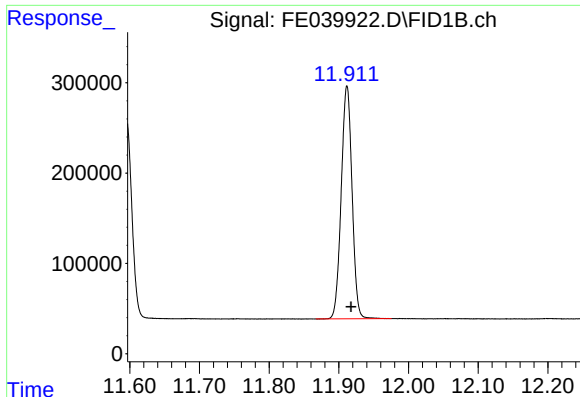
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: -0.007 min
Response: 2516372
Conc: 18.65 ug/ml



#8 n-Octadecane (C18)

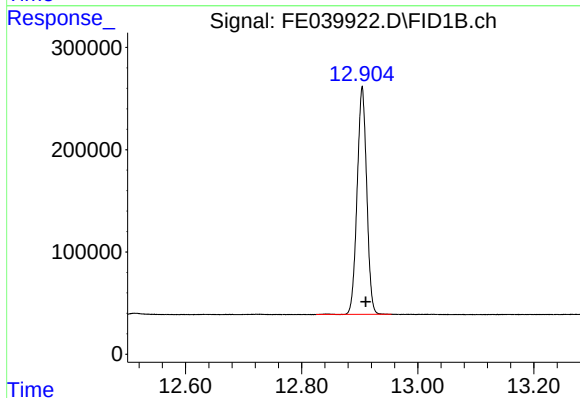
R.T.: 11.595 min
Delta R.T.: -0.006 min
Response: 2589777
Conc: 18.48 ug/ml



#9 ortho-Terphenyl (SURR)

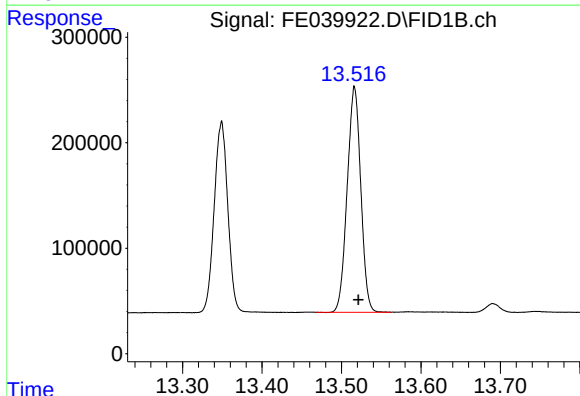
R.T.: 11.912 min
Delta R.T.: -0.006 min
Response: 2786161
Conc: 18.14 ug/ml

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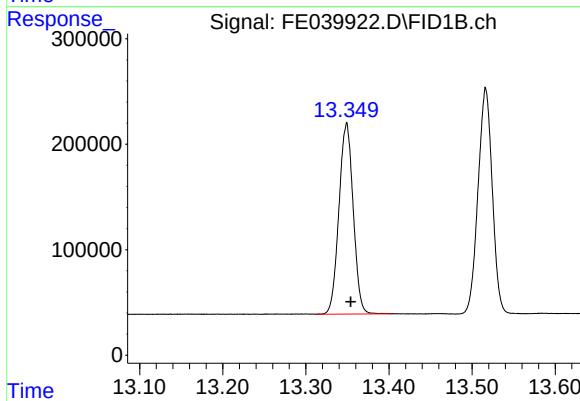
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.006 min
Response: 2547895
Conc: 18.39 ug/ml



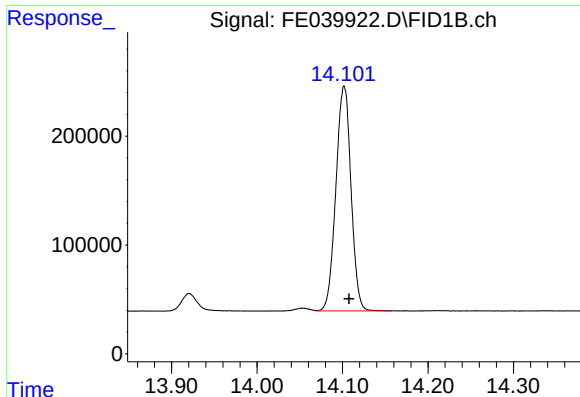
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.005 min
Response: 2540707
Conc: 18.21 ug/ml



#12 1-chlorooctadecane (SURR)

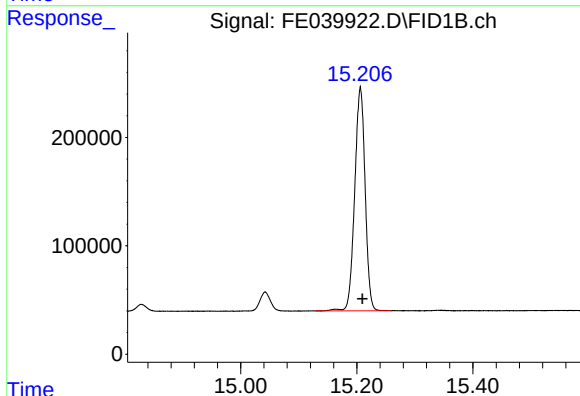
R.T.: 13.349 min
Delta R.T.: -0.005 min
Response: 2155919
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

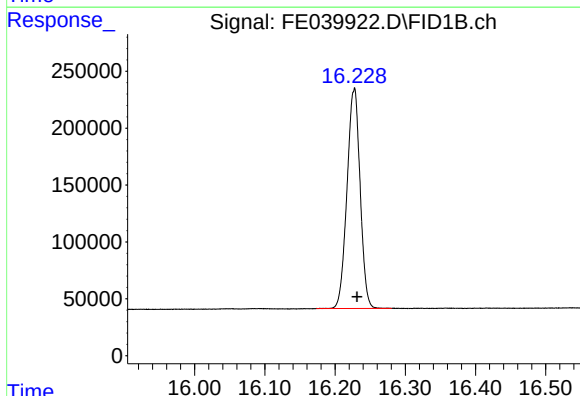
R.T.: 14.102 min
Delta R.T.: -0.005 min
Response: 2542580
Conc: 18.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



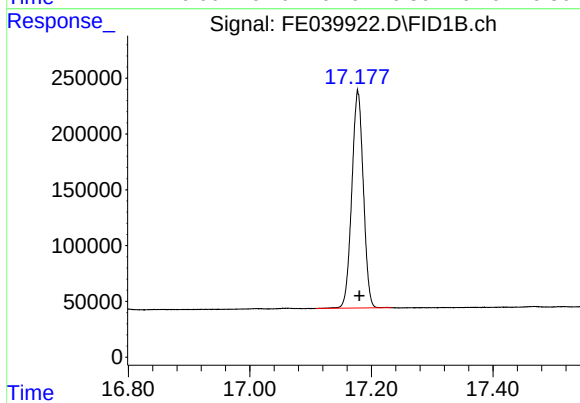
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.004 min
Response: 2568575
Conc: 18.66 ug/ml



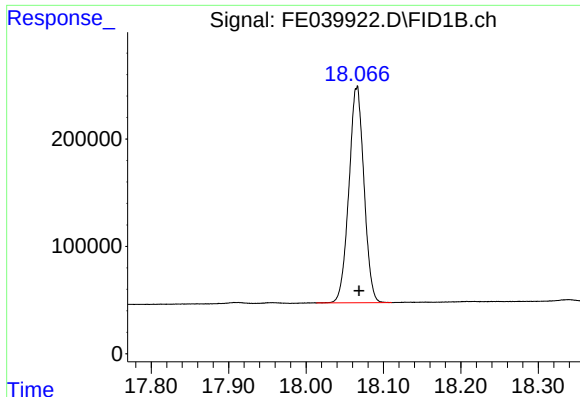
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: -0.004 min
Response: 2509718
Conc: 18.80 ug/ml



#16 n-Octacosane (C28)

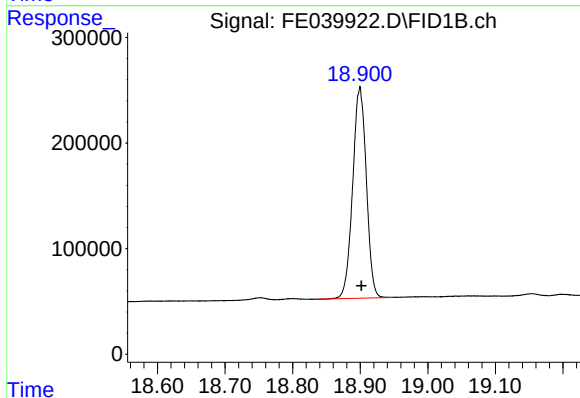
R.T.: 17.178 min
Delta R.T.: -0.003 min
Response: 2563538
Conc: 19.69 ug/ml



#17 n-Tricontane (C30)

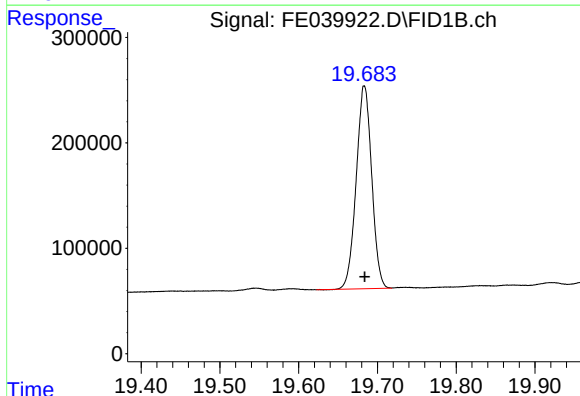
R.T.: 18.066 min
Delta R.T.: -0.003 min
Response: 2718679
Conc: 21.32 ug/ml

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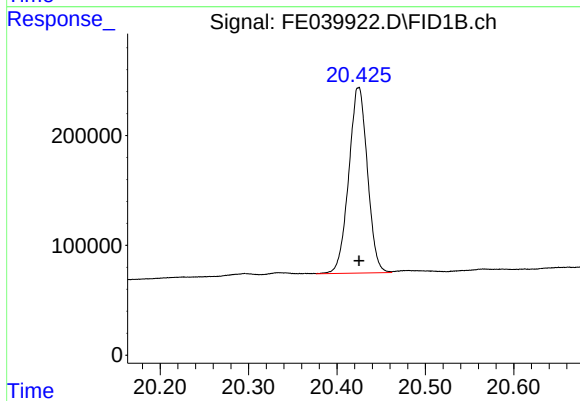
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.002 min
Response: 2801803
Conc: 22.16 ug/ml



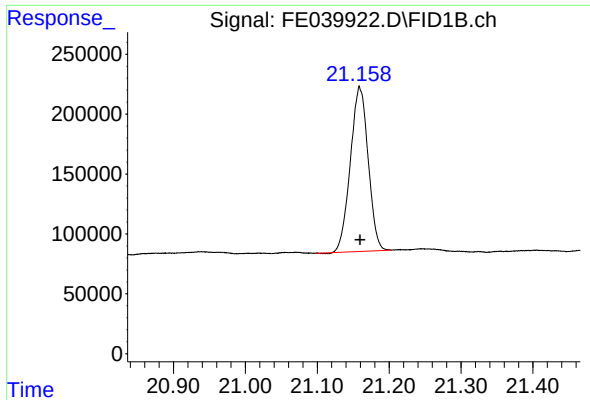
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: 0.000 min
Response: 2626799
Conc: 21.26 ug/ml



#20 n-Hexatriacontane (C36)

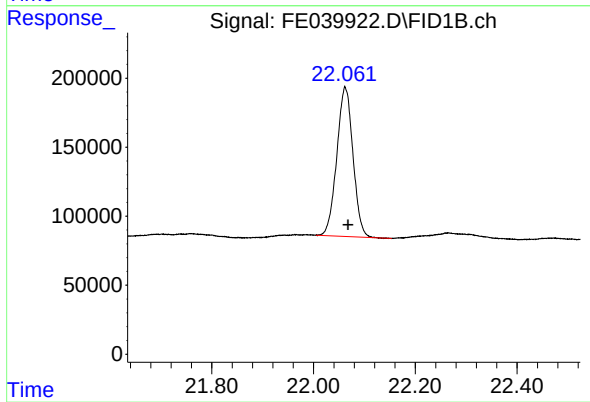
R.T.: 20.424 min
Delta R.T.: 0.000 min
Response: 2482874
Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: 0.000 min
Response: 2355937
Conc: 19.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.062 min
Delta R.T.: -0.006 min
Response: 2383389
Conc: 19.64 ug/ml