

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113022AL\
 Data File : FE039048.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2022 07:09
 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: Dec 01 09:38:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.952	2861051	18.289 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
12) S 1-chlorooctadecane (S...	13.386	2230640	18.475 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.344	2439791	17.212 ug/ml
2) T n-Decane (C10)	4.594	2435262	17.472 ug/ml
3) T A~Naphthalene (C11.7)	6.298	2808770	17.659 ug/ml
4) T n-Dodecane (C12)	6.757	2476077	17.566 ug/ml
5) T A~2-methylnaphthalene...	7.393	2669970	17.839 ug/ml
6) T n-Tetradecane (C14)	8.583	2542619	17.803 ug/ml
7) T n-Hexadecane (C16)	10.190	2642772	18.075 ug/ml
8) T n-Octadecane (C18)	11.633	2685885	18.253 ug/ml
10) T n-Eicosane (C20)	12.942	2612499	18.403 ug/ml
11) T n-Heneicosane (C21)	13.554	2613916	18.395 ug/ml
13) T n-Docosane (C22)	14.140	2588072	18.514 ug/ml
14) T n-Tetracosane (C24)	15.243	2573375	18.634 ug/ml
15) T n-Hexacosane (C26)	16.263	2490248	18.540 ug/ml
16) T n-Octacosane (C28)	17.212	2563876	19.307 ug/ml
17) T n-Tricontane (C30)	18.101	2700709	20.450 ug/ml
18) T n-Dotriacontane (C32)	18.934	2803254	21.019 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2700659	20.410 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2502075	19.476 ug/ml
21) T n-Octatriacontane (C38)	21.200	2736482	20.883 ug/ml
22) T n-Tetracontane (C40)	22.123	2901214	21.306 ug/ml

(f)=RT Delta > 1/2 Window

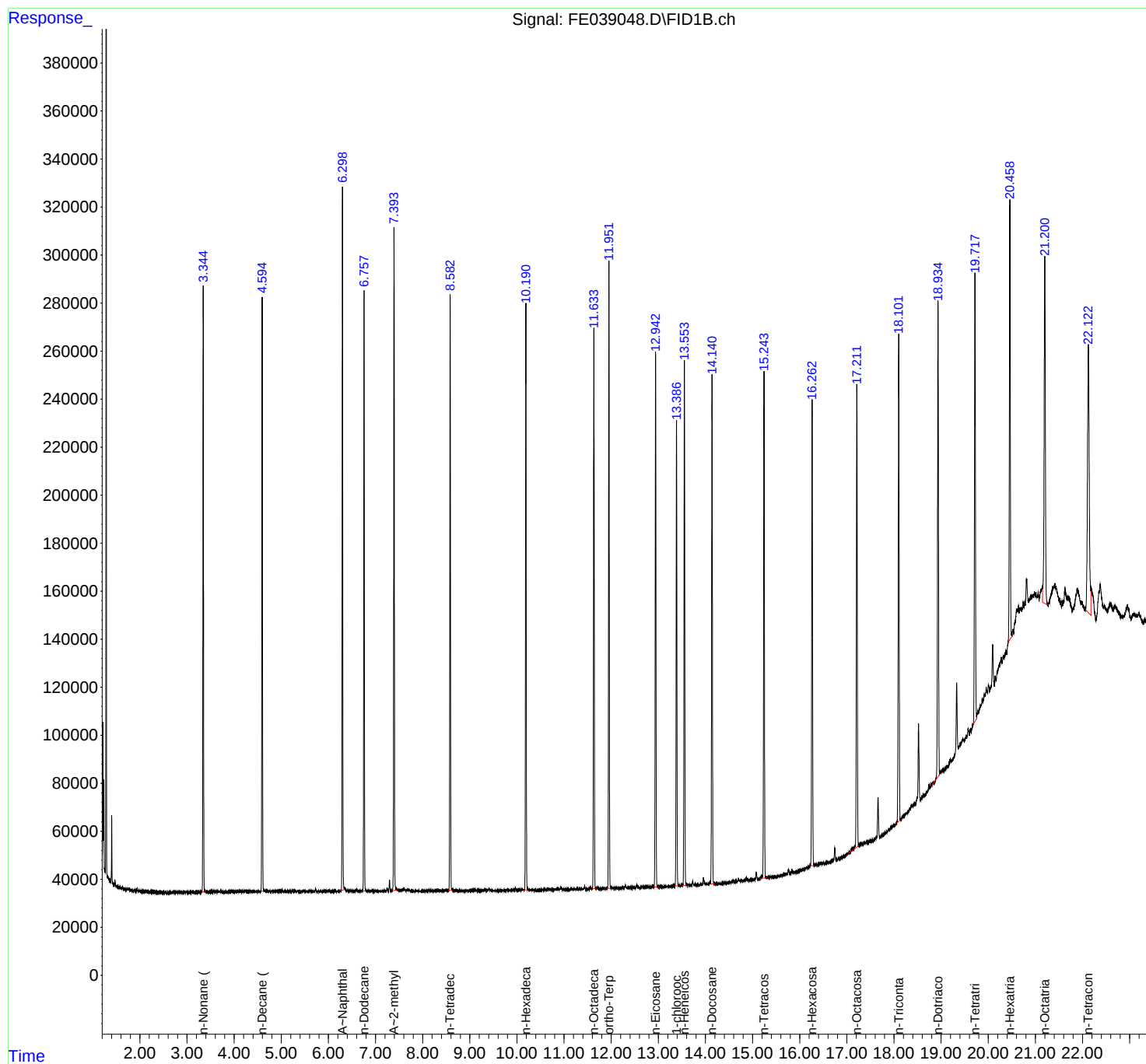
(m)=manual int.

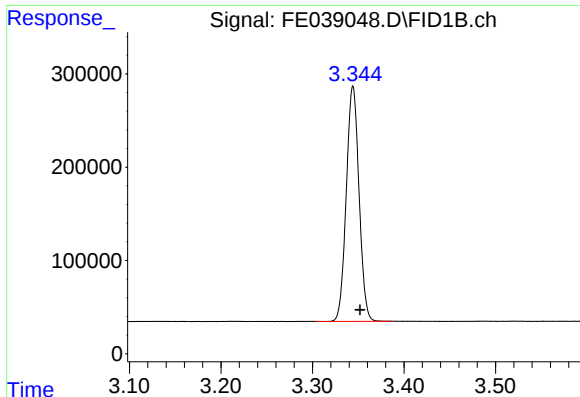
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113022AL\
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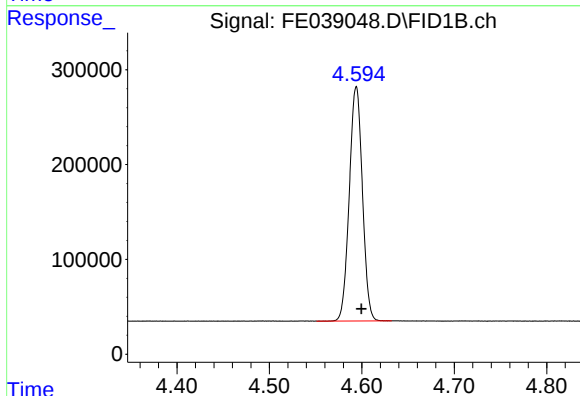




#1 n-Nonane (C9)

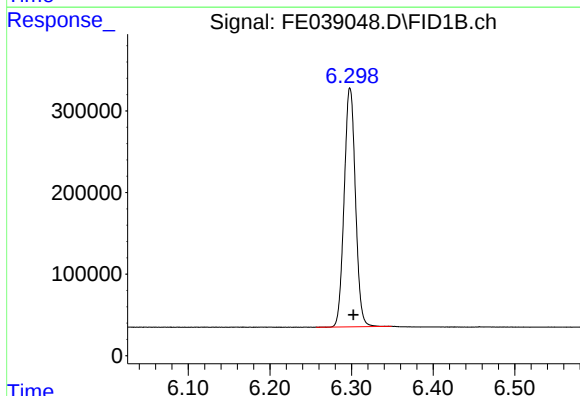
R.T.: 3.344 min
Delta R.T.: -0.008 min
Response: 2439791
Conc: 17.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



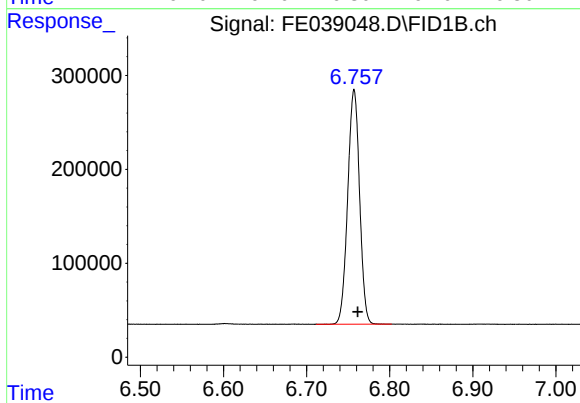
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 2435262
Conc: 17.47 ug/ml



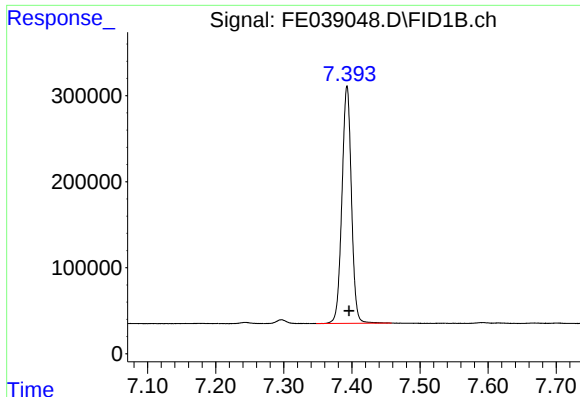
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 2808770
Conc: 17.66 ug/ml



#4 n-Dodecane (C12)

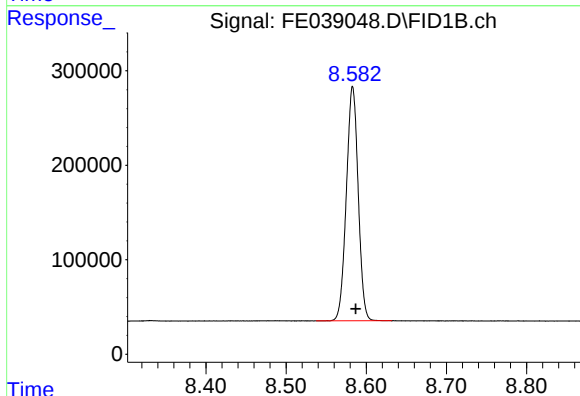
R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 2476077
Conc: 17.57 ug/ml



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

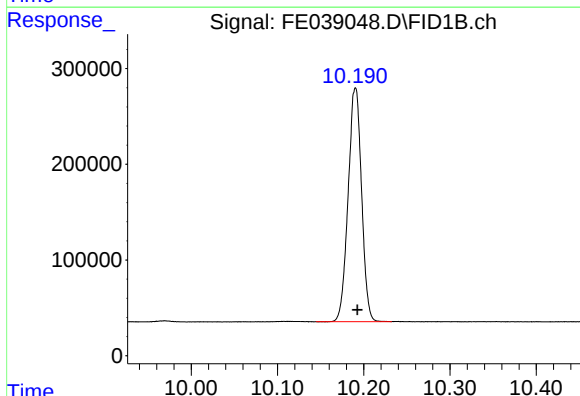
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 2669970
Conc: 17.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



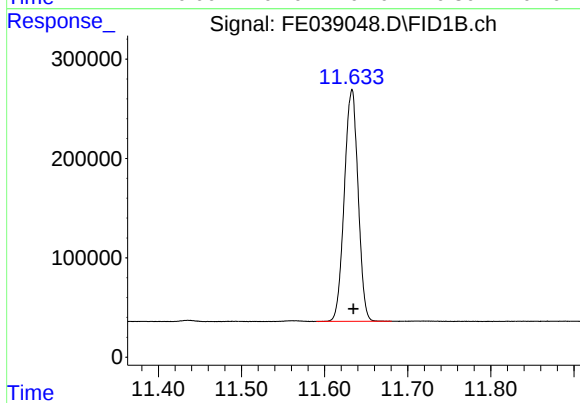
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.004 min
Response: 2542619
Conc: 17.80 ug/ml



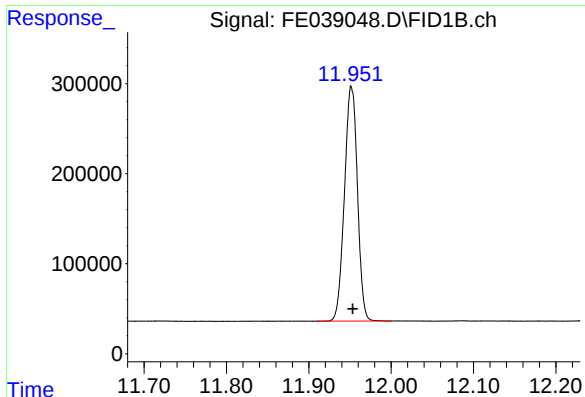
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.003 min
Response: 2642772
Conc: 18.08 ug/ml



#8 n-Octadecane (C18)

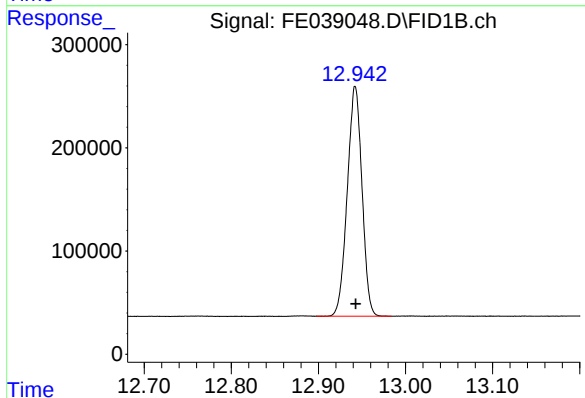
R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 2685885
Conc: 18.25 ug/ml



#9 ortho-Terphenyl (SURR)

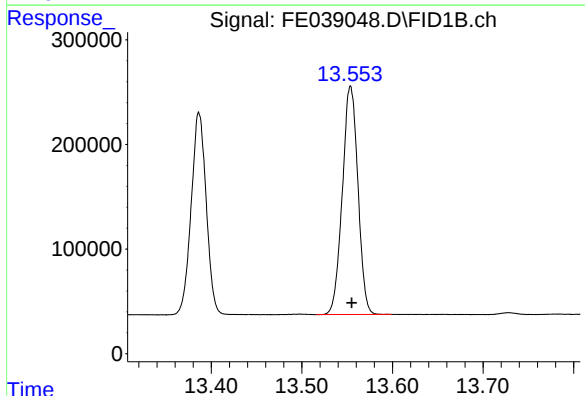
R.T.: 11.952 min
Delta R.T.: -0.001 min
Response: 2861051
Conc: 18.29 ug/ml

Instrument :
FID_E
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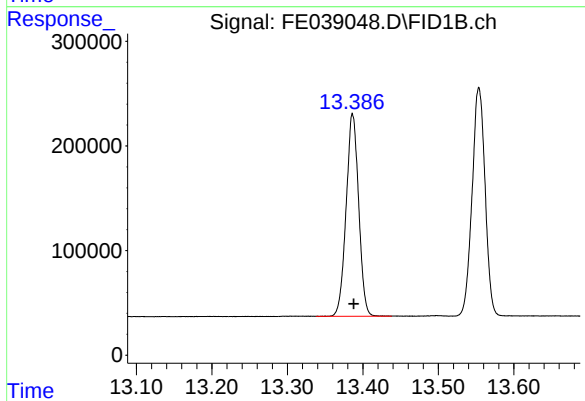
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 2612499
Conc: 18.40 ug/ml



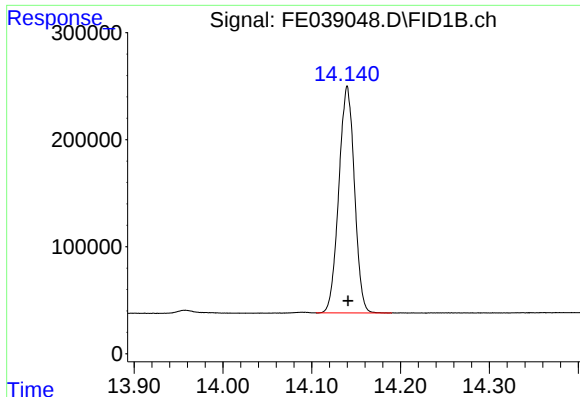
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.001 min
Response: 2613916
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

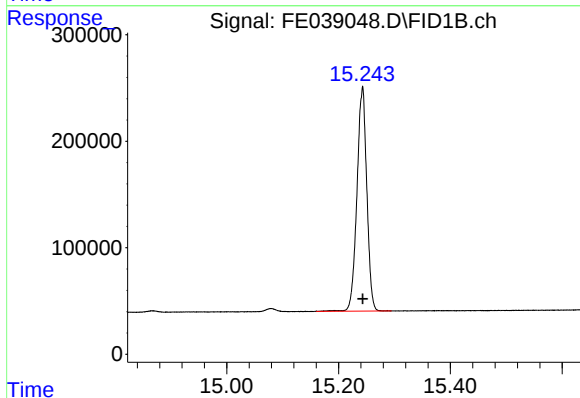
R.T.: 13.386 min
Delta R.T.: -0.002 min
Response: 2230640
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

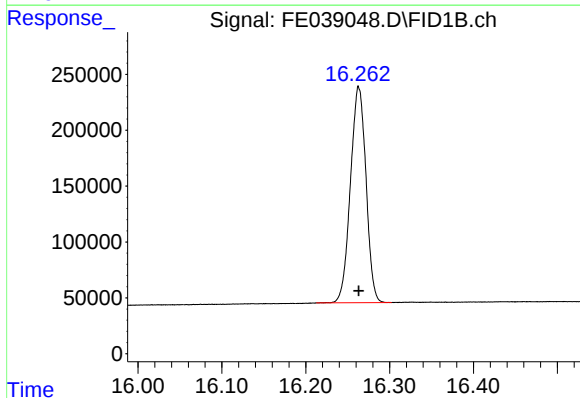
R.T.: 14.140 min
Delta R.T.: 0.000 min
Response: 2588072
Conc: 18.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



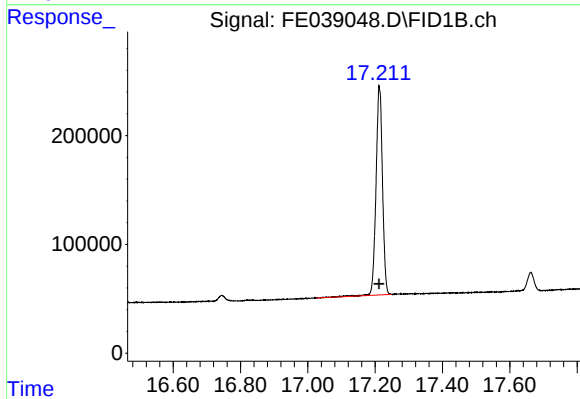
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.000 min
Response: 2573375
Conc: 18.63 ug/ml



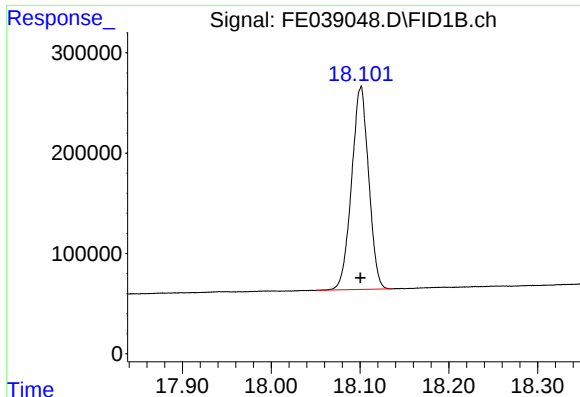
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 2490248
Conc: 18.54 ug/ml



#16 n-Octacosane (C28)

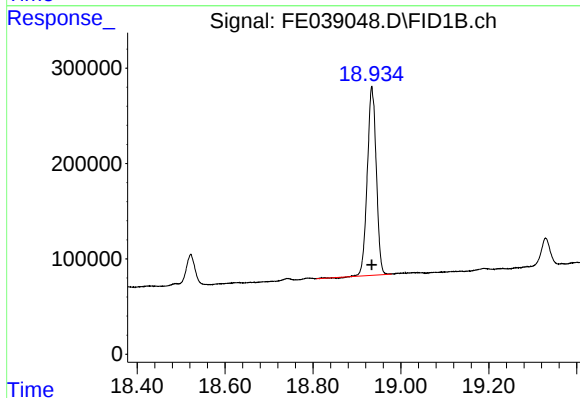
R.T.: 17.212 min
Delta R.T.: 0.000 min
Response: 2563876
Conc: 19.31 ug/ml



#17 n-Tricontane (C30)

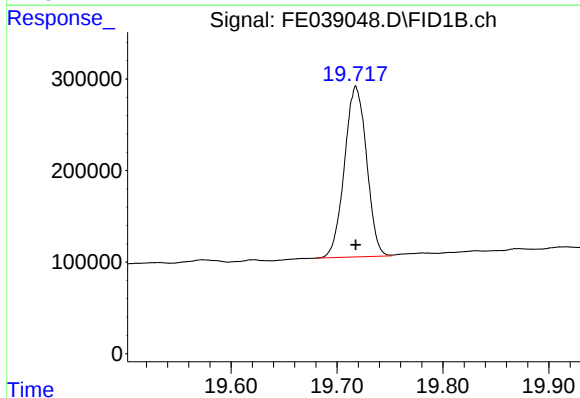
R.T.: 18.101 min
Delta R.T.: 0.000 min
Response: 2700709
Conc: 20.45 ug/ml

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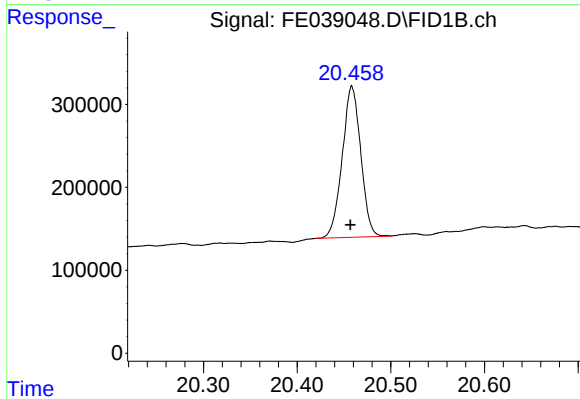
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 2803254
Conc: 21.02 ug/ml



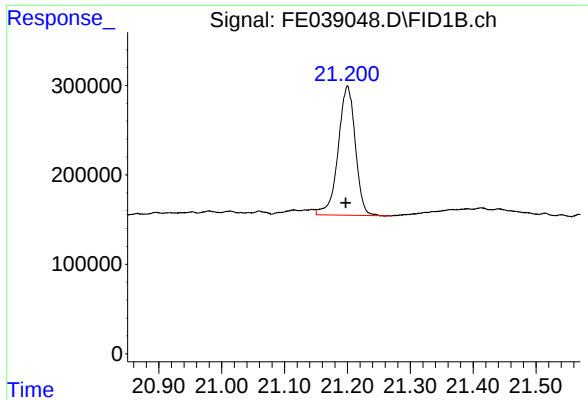
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 2700659
Conc: 20.41 ug/ml



#20 n-Hexatriacontane (C36)

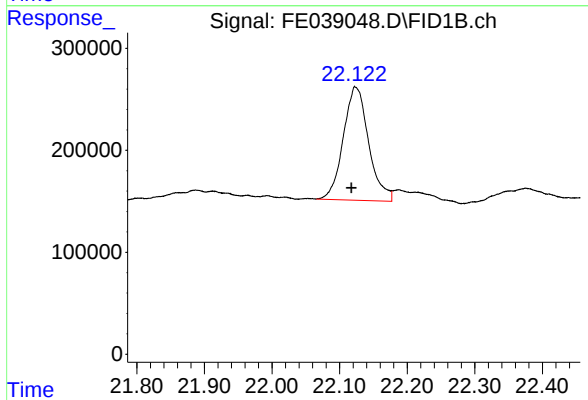
R.T.: 20.458 min
Delta R.T.: 0.002 min
Response: 2502075
Conc: 19.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.003 min
Response: 2736482
Conc: 20.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.006 min
Response: 2901214
Conc: 21.31 ug/ml