

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081722AL\
 Data File : FE037109.D
 Signal(s) : FID1B.ch
 Acq On : 17 Aug 2022 09:20
 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: Aug 17 11:31:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.818	3705069	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	13.256	2926203	20.050 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T n-Nonane (C9)	3.210	3250186	21.146 ug/ml
2) T n-Decane (C10)	4.463	3266934	21.375 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3516704	21.373 ug/ml
4) T n-Dodecane (C12)	6.632	3337533	21.370 ug/ml
5) T A~2-methylnaphthalene...	7.261	3511678	21.637 ug/ml
6) T n-Tetradecane (C14)	8.458	3354640	21.228 ug/ml
7) T n-Hexadecane (C16)	10.064	3361703	21.137 ug/ml
8) T n-Octadecane (C18)	11.505	3404836	20.738 ug/ml
10) T n-Eicosane (C20)	12.813	3333044	20.302 ug/ml
11) T n-Heneicosane (C21)	13.424	3305852	20.115 ug/ml
13) T n-Docosane (C22)	14.009	3248323	19.964 ug/ml
14) T n-Tetracosane (C24)	15.112	3159069	19.546 ug/ml
15) T n-Hexacosane (C26)	16.131	3033368	19.123 ug/ml
16) T n-Octacosane (C28)	17.080	2943583	18.938 ug/ml
17) T n-Tricontane (C30)	17.968	2817055	19.316 ug/ml
18) T n-Dotriacontane (C32)	18.801	2319603	19.961 ug/ml
19) T n-Tetratriacontane (C34)	19.584	1698473	20.611 ug/ml
20) T n-Hexatriacontane (C36)	20.323	1322741	21.895 ug/ml
21) T n-Octatriacontane (C38)	21.044	1140408	22.361 ug/ml
22) T n-Tetracontane (C40)	21.916	1090255	22.651 ug/ml

(f)=RT Delta > 1/2 Window

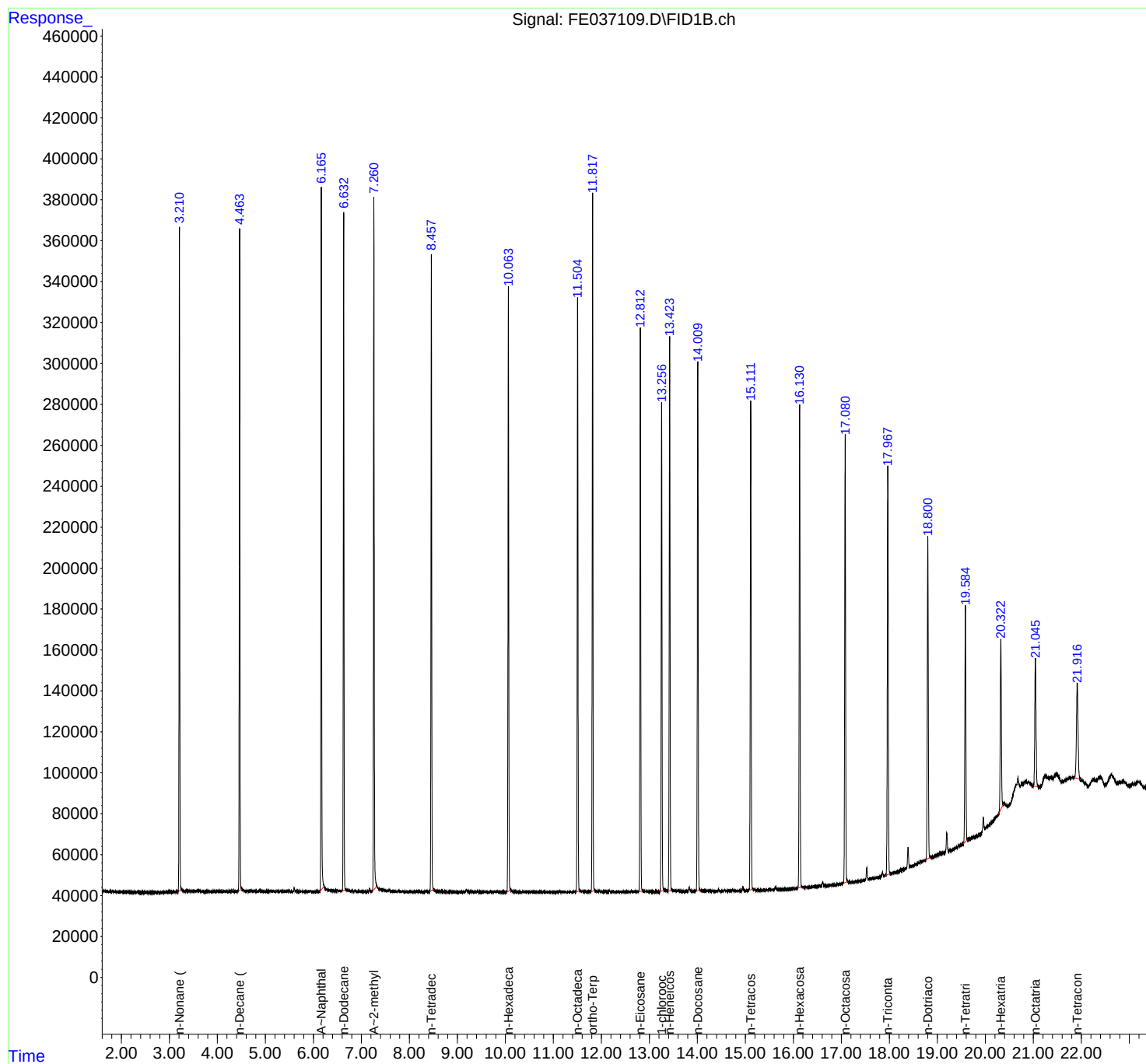
(m)=manual int.

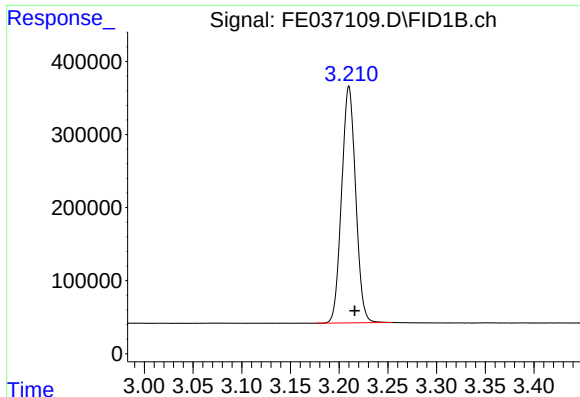
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081722AL\
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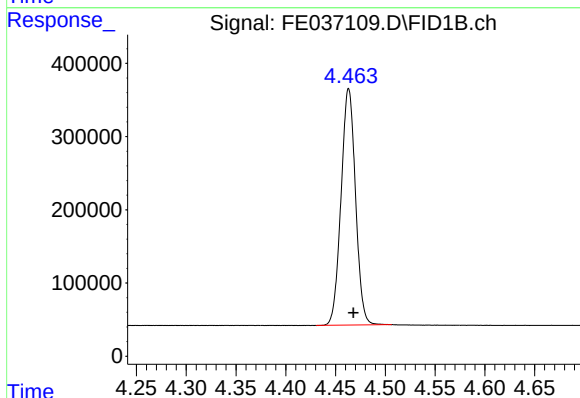




#1 n-Nonane (C9)

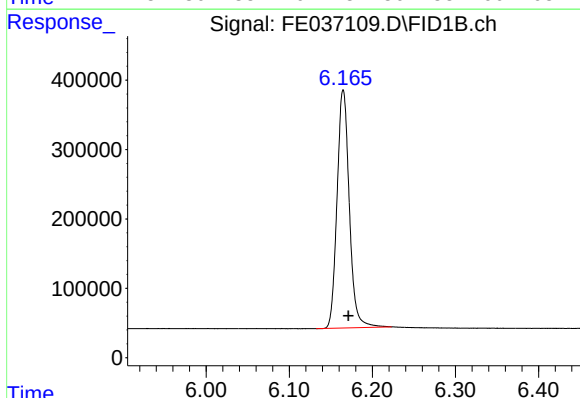
R.T.: 3.210 min
Delta R.T.: -0.006 min
Response: 3250186
Conc: 21.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



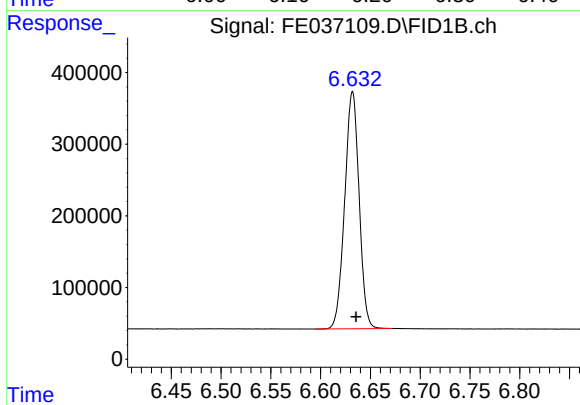
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.005 min
Response: 3266934
Conc: 21.38 ug/ml



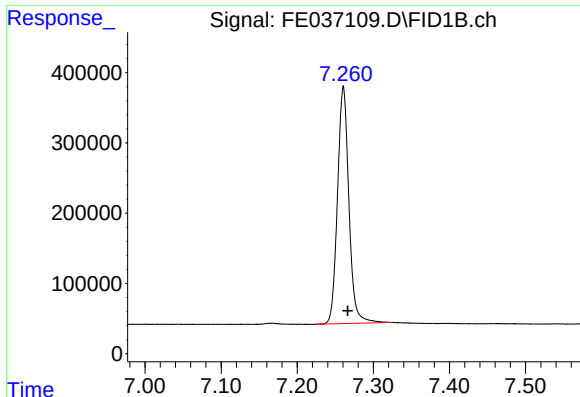
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.006 min
Response: 3516704
Conc: 21.37 ug/ml



#4 n-Dodecane (C12)

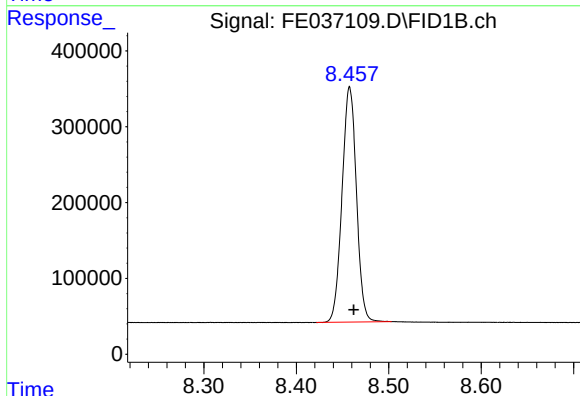
R.T.: 6.632 min
Delta R.T.: -0.003 min
Response: 3337533
Conc: 21.37 ug/ml



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

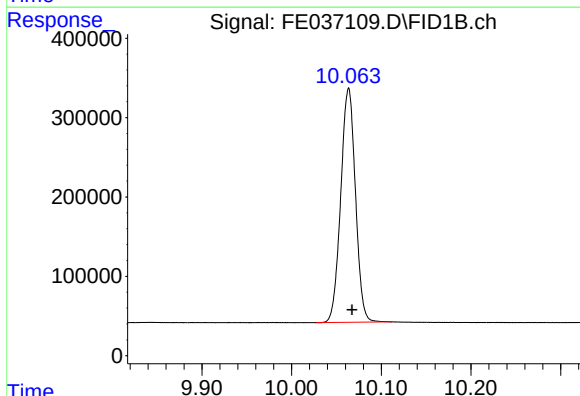
R.T.: 7.261 min
Delta R.T.: -0.006 min
Response: 3511678
Conc: 21.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



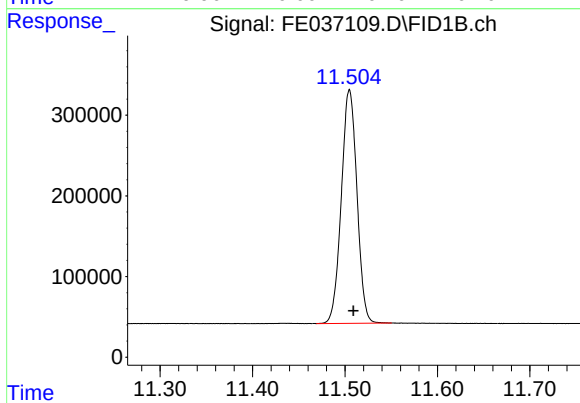
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.005 min
Response: 3354640
Conc: 21.23 ug/ml



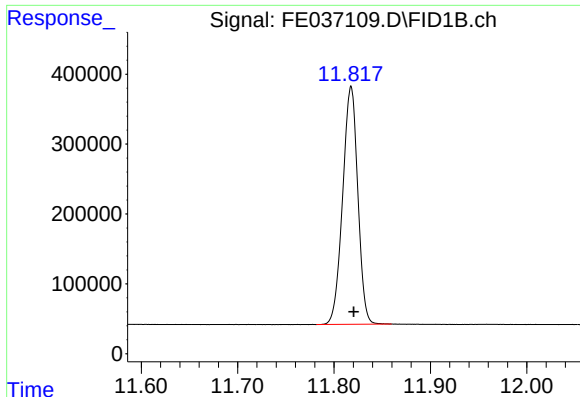
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.004 min
Response: 3361703
Conc: 21.14 ug/ml



#8 n-Octadecane (C18)

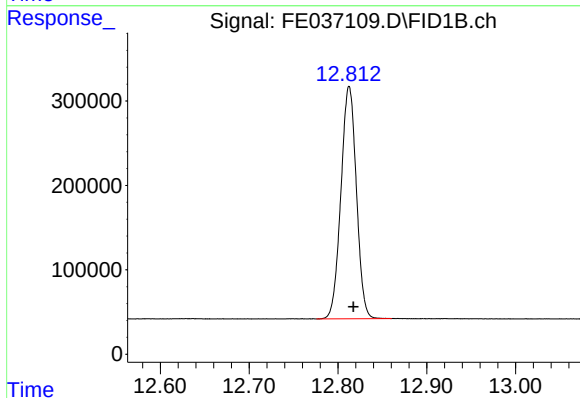
R.T.: 11.505 min
Delta R.T.: -0.004 min
Response: 3404836
Conc: 20.74 ug/ml



#9 ortho-Terphenyl (SURR)

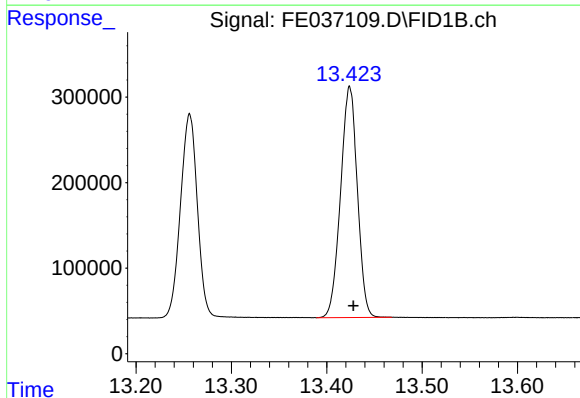
R.T.: 11.818 min
Delta R.T.: -0.003 min
Response: 3705069
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



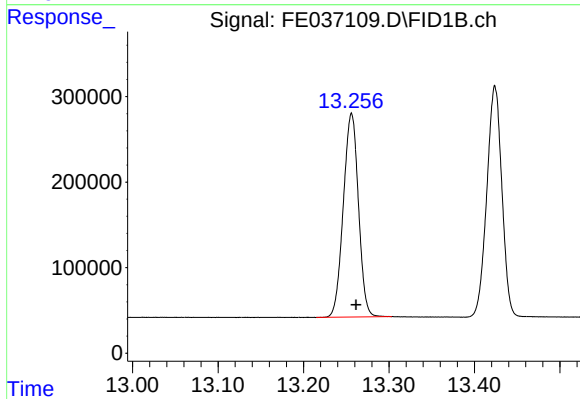
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.005 min
Response: 3333044
Conc: 20.30 ug/ml



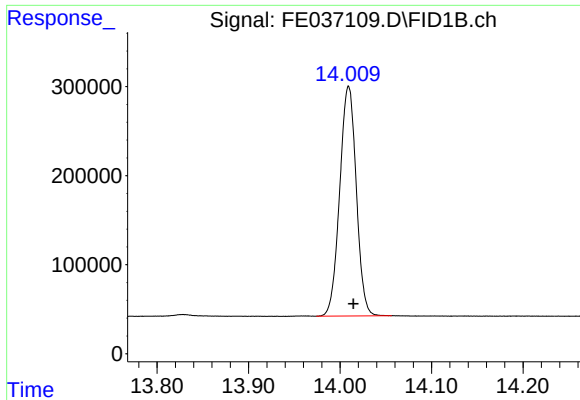
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.004 min
Response: 3305852
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

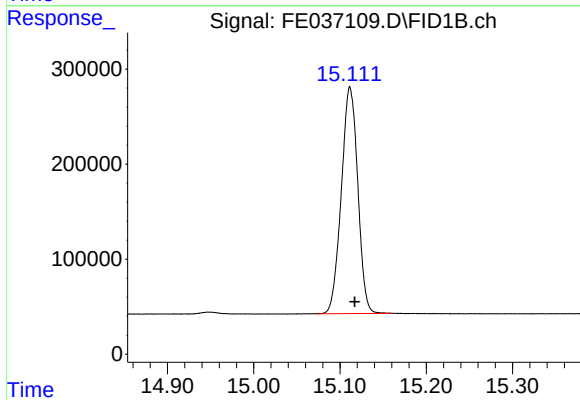
R.T.: 13.256 min
Delta R.T.: -0.005 min
Response: 2926203
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

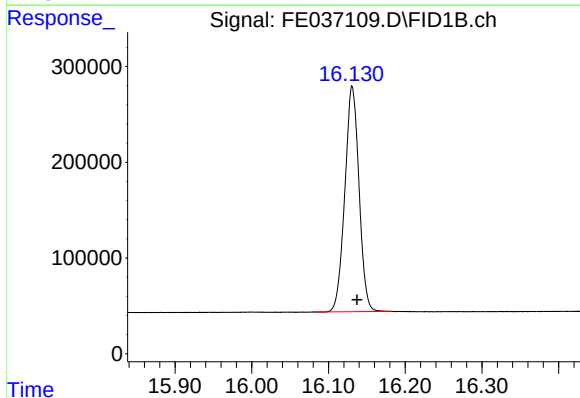
R.T.: 14.009 min
Delta R.T.: -0.005 min
Response: 3248323
Conc: 19.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



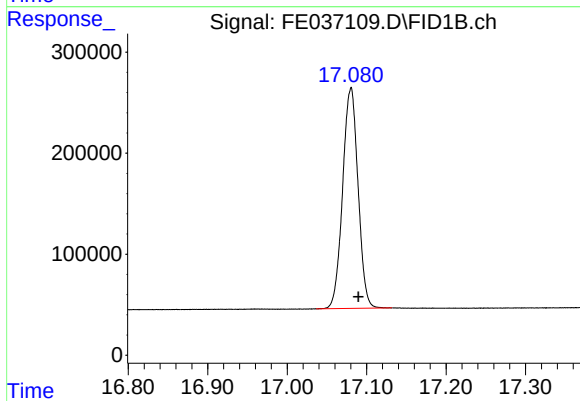
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.006 min
Response: 3159069
Conc: 19.55 ug/ml



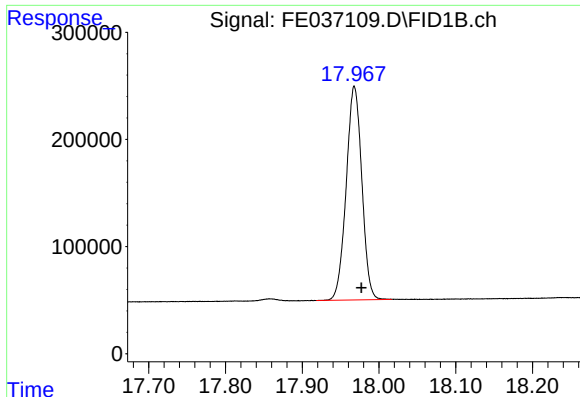
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.006 min
Response: 3033368
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

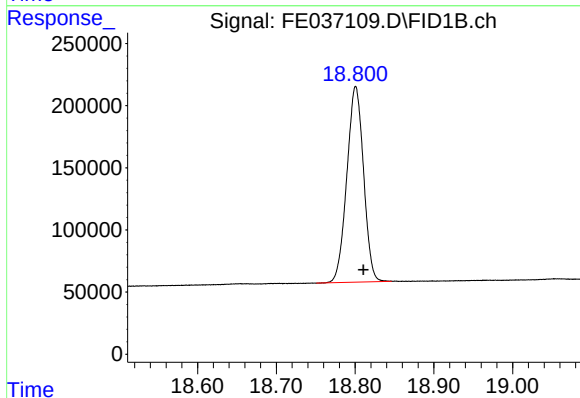
R.T.: 17.080 min
Delta R.T.: -0.009 min
Response: 2943583
Conc: 18.94 ug/ml



#17 n-Tricontane (C30)

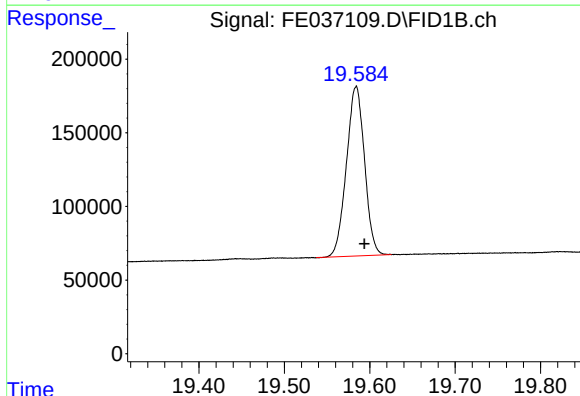
R.T.: 17.968 min
Delta R.T.: -0.009 min
Response: 2817055
Conc: 19.32 ug/ml

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20 PPM ALIPHATIC HC STD



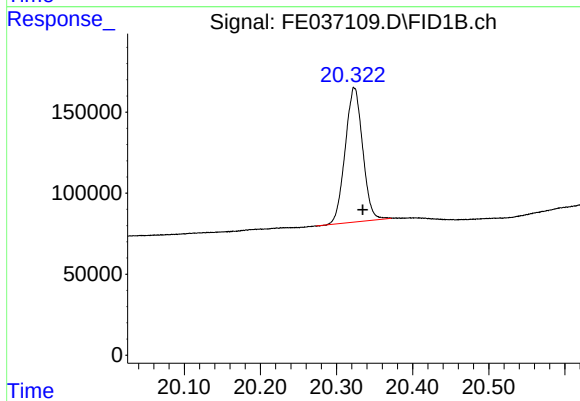
#18 n-Dotriacontane (C32)

R.T.: 18.801 min
Delta R.T.: -0.010 min
Response: 2319603
Conc: 19.96 ug/ml



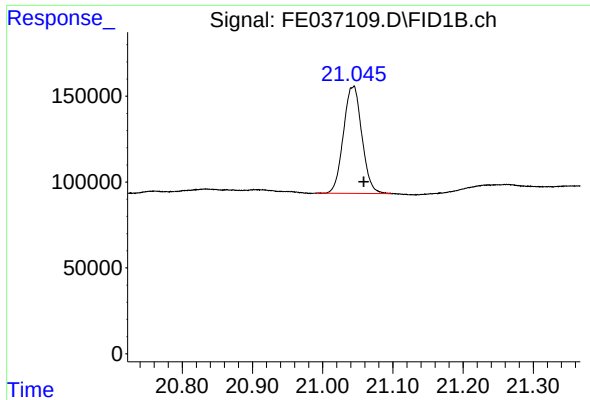
#19 n-Tetratriacontane (C34)

R.T.: 19.584 min
Delta R.T.: -0.010 min
Response: 1698473
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

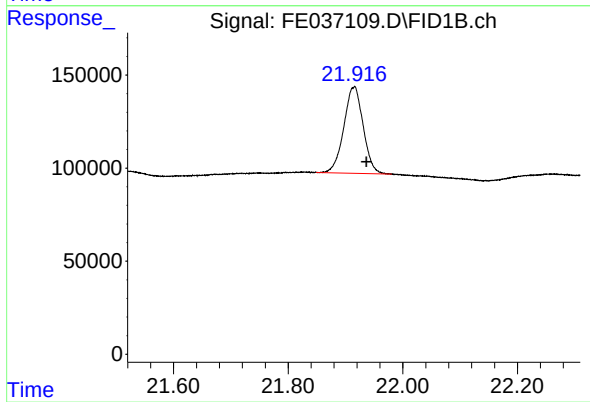
R.T.: 20.323 min
Delta R.T.: -0.011 min
Response: 1322741
Conc: 21.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.044 min
Delta R.T.: -0.014 min
Response: 1140408
Conc: 22.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.916 min
Delta R.T.: -0.021 min
Response: 1090255
Conc: 22.65 ug/ml