

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072524AL\
 Data File : FE049249.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2024 12:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jul 26 01:38:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.905	2578641	16.625 ug/ml
Spiked Amount 50.000		Recovery =	33.25%
12) S 1-chlorooctadecane (S...	13.341	1978313	16.932 ug/ml
Spiked Amount 50.000		Recovery =	33.86%
Target Compounds			
1) T n-Nonane (C9)	3.295	2307921	15.346 ug/ml
2) T n-Decane (C10)	4.545	2489827	16.120 ug/ml
3) T A~Naphthalene (C11.7)	6.251	2476415	15.894 ug/ml
4) T n-Dodecane (C12)	6.711	2487469	16.155 ug/ml
5) T A~2-methylnaphthalene...	7.347	2310722	15.878 ug/ml
6) T n-Tetradecane (C14)	8.538	2468245	16.263 ug/ml
7) T n-Hexadecane (C16)	10.145	2520089	16.617 ug/ml
8) T n-Octadecane (C18)	11.587	2537326	16.711 ug/ml
10) T n-Eicosane (C20)	12.896	2433058	16.825 ug/ml
11) T n-Heneicosane (C21)	13.507	2386181	16.827 ug/ml
13) T n-Docosane (C22)	14.093	2379386	16.936 ug/ml
14) T n-Tetracosane (C24)	15.195	2404209	17.154 ug/ml
15) T n-Hexacosane (C26)	16.215	2466570	17.591 ug/ml
16) T n-Octacosane (C28)	17.164	2607029	18.626 ug/ml
17) T n-Tricontane (C30)	18.051	2977495	20.412 ug/ml
18) T n-Dotriacontane (C32)	18.882	3106058	21.124 ug/ml
19) T n-Tetratriacontane (C34)	19.665	2934431	20.089 ug/ml
20) T n-Hexatriacontane (C36)	20.405	2727510	18.920 ug/ml
21) T n-Octatriacontane (C38)	21.135	2725323	18.206 ug/ml
22) T n-Tetracontane (C40)	22.039	2585671	17.134 ug/ml

(f)=RT Delta > 1/2 Window

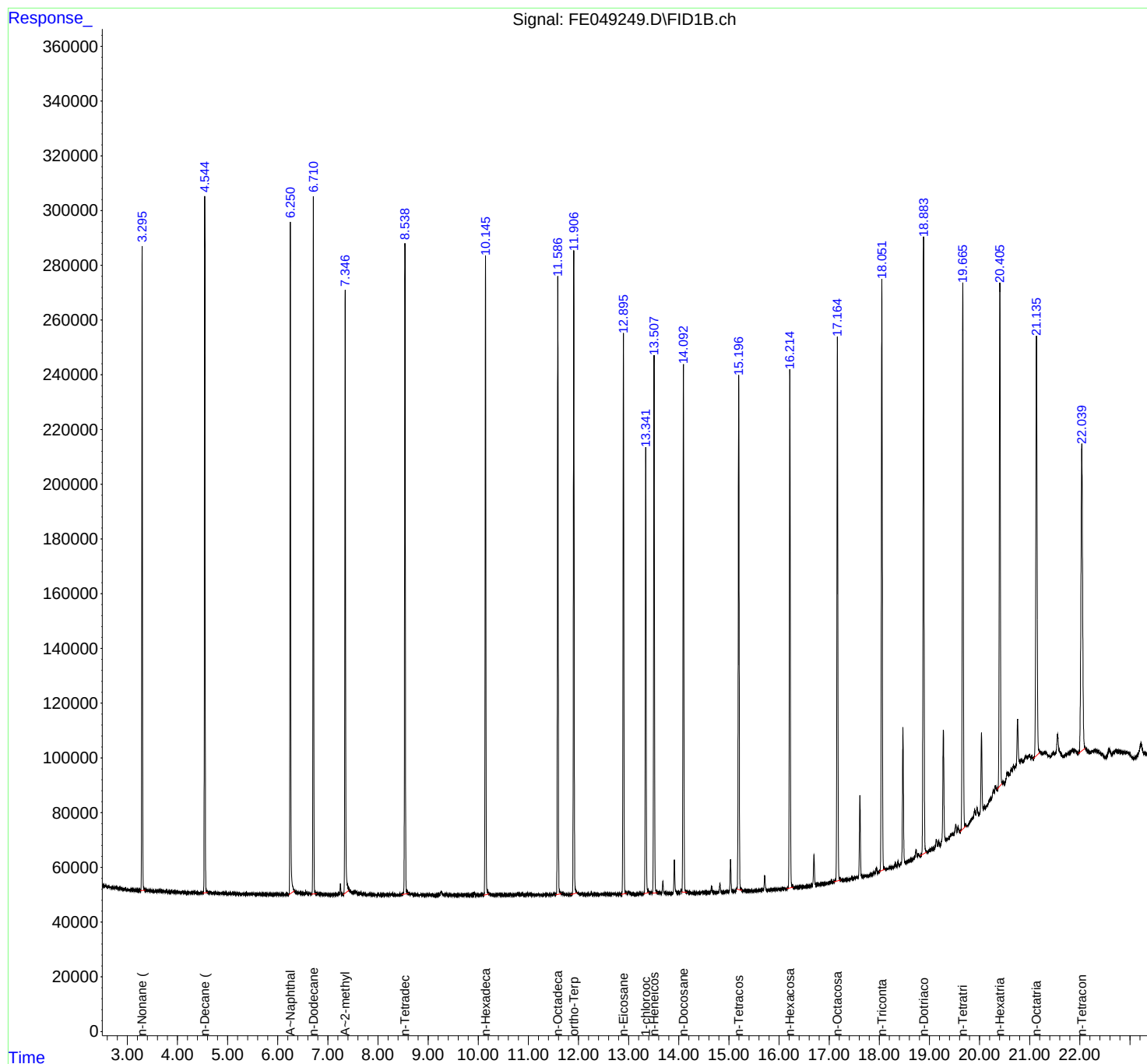
(m)=manual int.

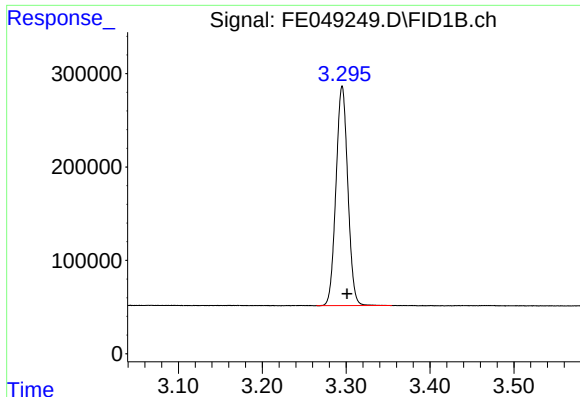
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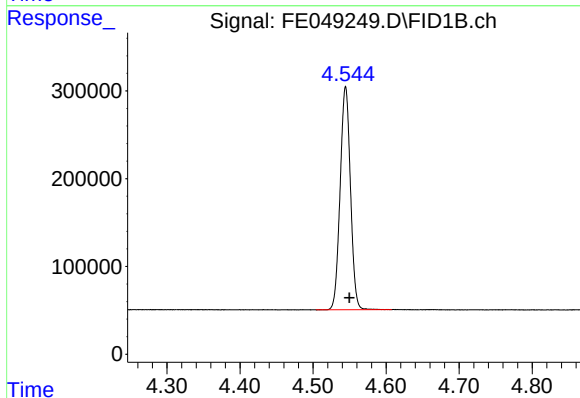




#1 n-Nonane (C9)

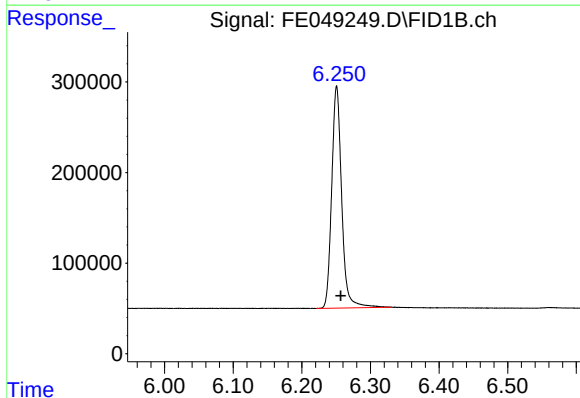
R.T.: 3.295 min
Delta R.T.: -0.006 min
Response: 2307921
Conc: 15.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



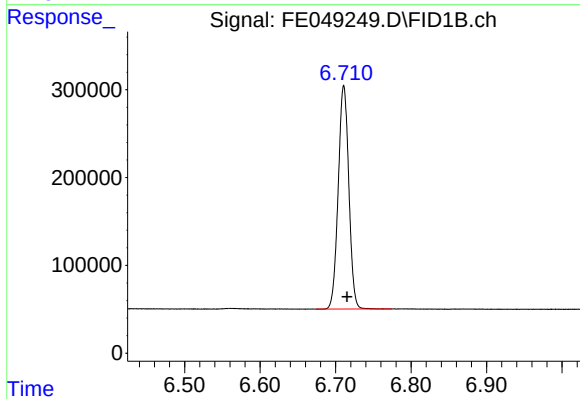
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 2489827
Conc: 16.12 ug/ml



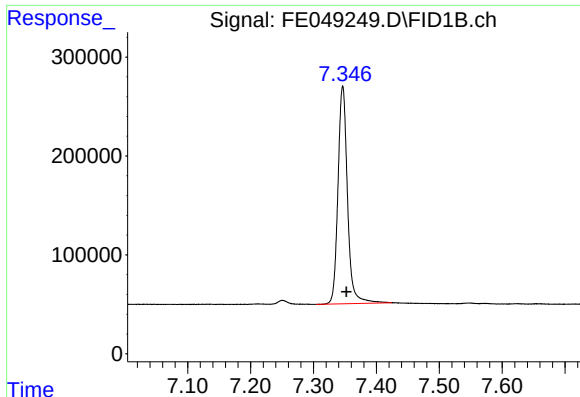
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.006 min
Response: 2476415
Conc: 15.89 ug/ml



#4 n-Dodecane (C12)

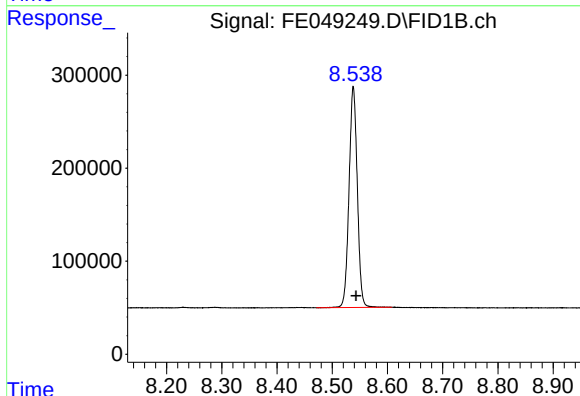
R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 2487469
Conc: 16.15 ug/ml



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

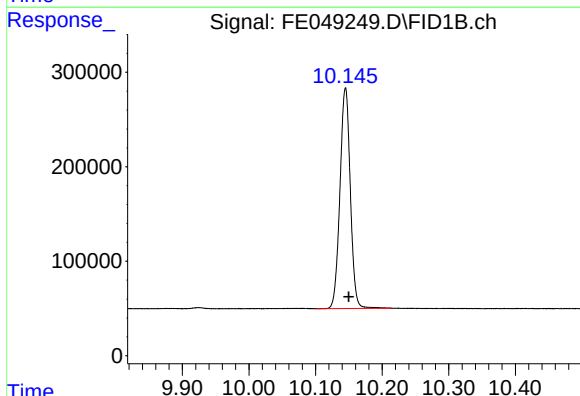
R.T.: 7.347 min
Delta R.T.: -0.006 min
Response: 2310722
Conc: 15.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



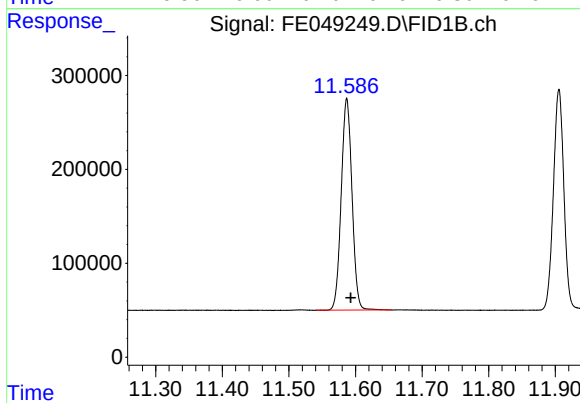
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.005 min
Response: 2468245
Conc: 16.26 ug/ml



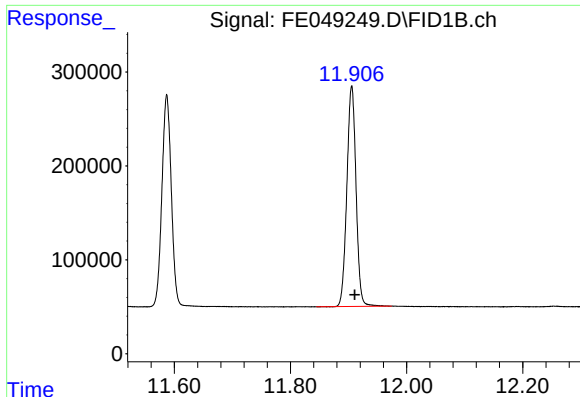
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.005 min
Response: 2520089
Conc: 16.62 ug/ml



#8 n-Octadecane (C18)

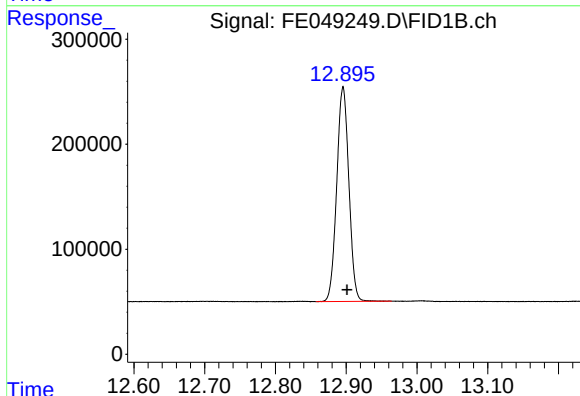
R.T.: 11.587 min
Delta R.T.: -0.006 min
Response: 2537326
Conc: 16.71 ug/ml



#9 ortho-Terphenyl (SURR)

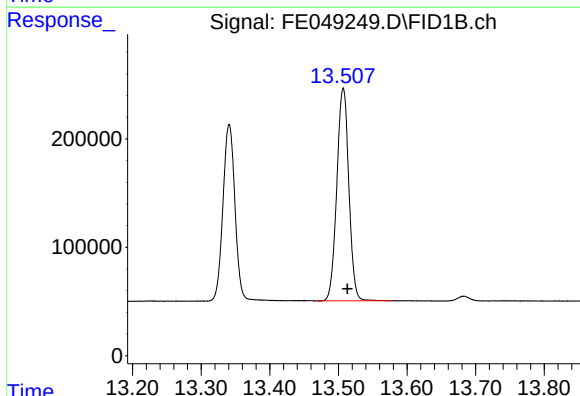
R.T.: 11.905 min
Delta R.T.: -0.005 min
Response: 2578641
Conc: 16.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



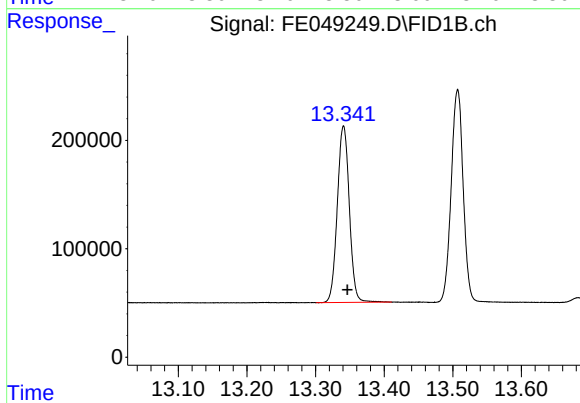
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.006 min
Response: 2433058
Conc: 16.83 ug/ml



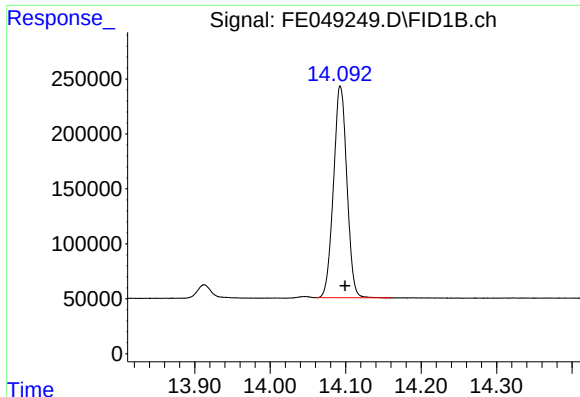
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.006 min
Response: 2386181
Conc: 16.83 ug/ml



#12 1-chlorooctadecane (SURR)

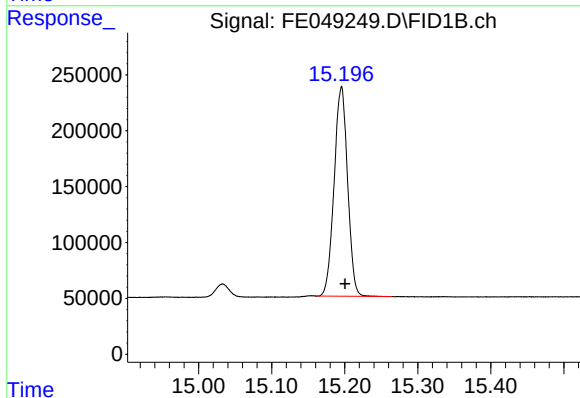
R.T.: 13.341 min
Delta R.T.: -0.006 min
Response: 1978313
Conc: 16.93 ug/ml



#13 n-Docosane (C22)

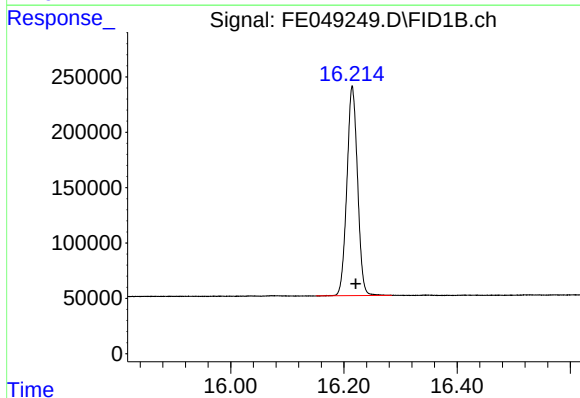
R.T.: 14.093 min
Delta R.T.: -0.006 min
Response: 2379386
Conc: 16.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



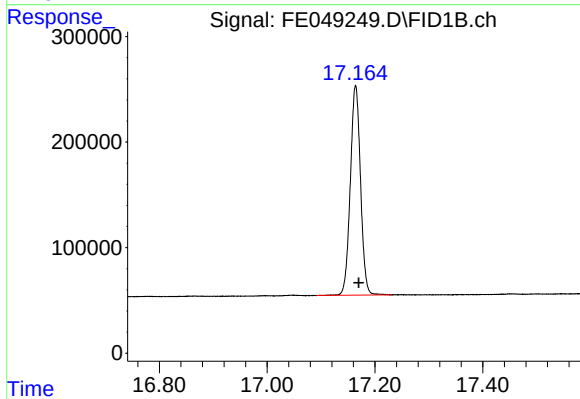
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.005 min
Response: 2404209
Conc: 17.15 ug/ml



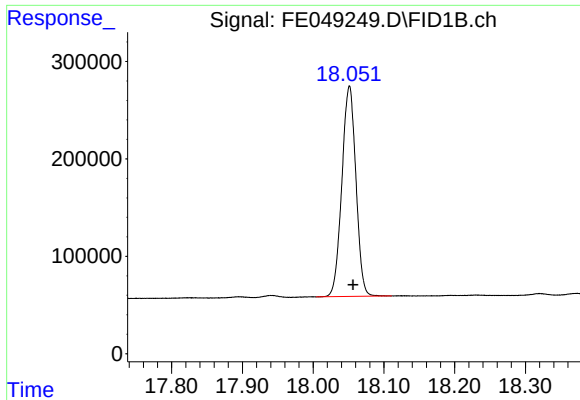
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.006 min
Response: 2466570
Conc: 17.59 ug/ml



#16 n-Octacosane (C28)

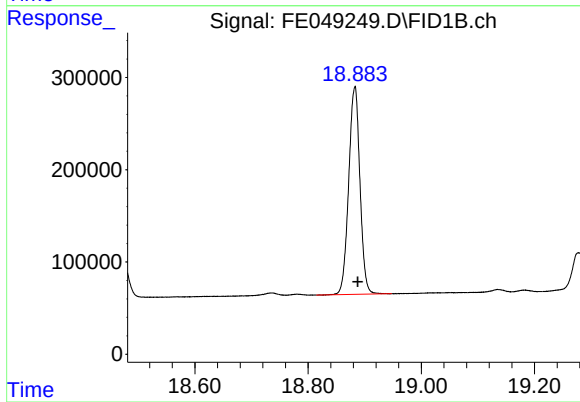
R.T.: 17.164 min
Delta R.T.: -0.006 min
Response: 2607029
Conc: 18.63 ug/ml



#17 n-Tricontane (C30)

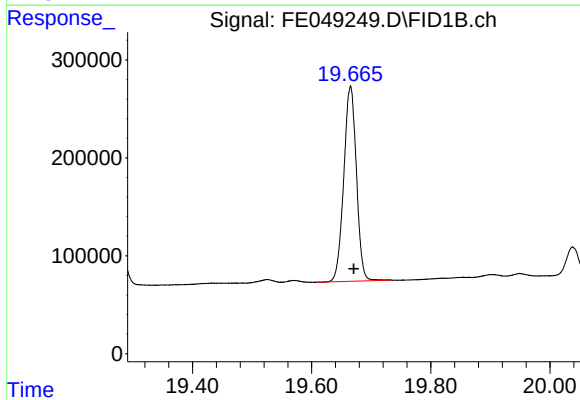
R.T.: 18.051 min
Delta R.T.: -0.006 min
Response: 2977495
Conc: 20.41 ug/ml

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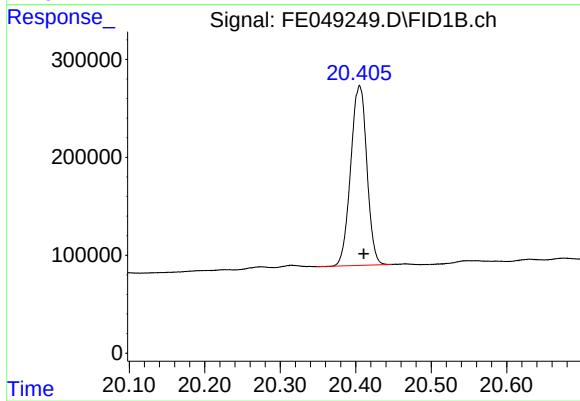
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.006 min
Response: 3106058
Conc: 21.12 ug/ml



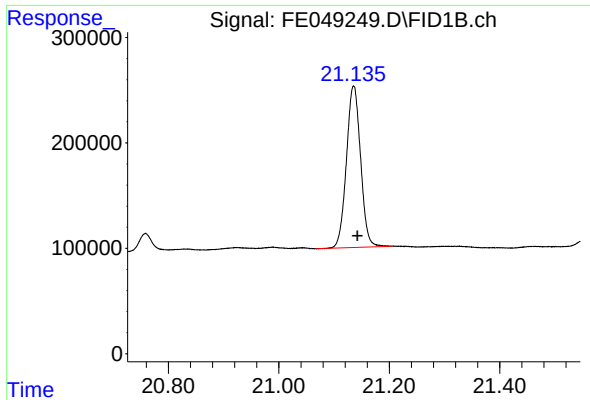
#19 n-Tetratriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.006 min
Response: 2934431
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

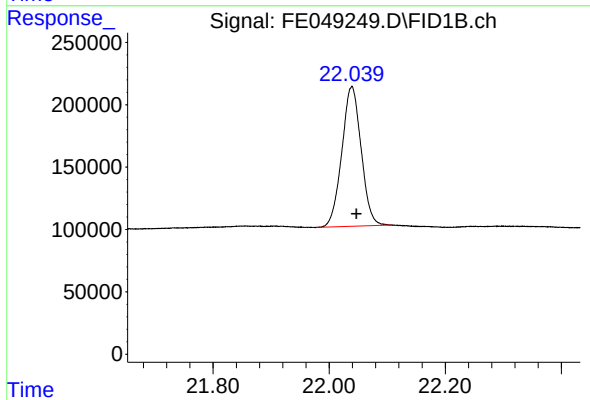
R.T.: 20.405 min
Delta R.T.: -0.006 min
Response: 2727510
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.006 min
Response: 2725323
Conc: 18.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.008 min
Response: 2585671
Conc: 17.13 ug/ml