

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061124AL\
 Data File : FE048651.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jun 2024 12:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 12 02:55:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.941	2539219	17.683 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
12) S 1-chlorooctadecane (S...	13.376	1898167	17.424 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
Target Compounds			
1) T n-Nonane (C9)	3.329	2365795	15.824 ug/ml
2) T n-Decane (C10)	4.578	2531431	16.764 ug/ml
3) T A~Naphthalene (C11.7)	6.283	2501530	16.800 ug/ml
4) T n-Dodecane (C12)	6.743	2531231	17.100 ug/ml
5) T A~2-methylnaphthalene...	7.379	2369817	17.092 ug/ml
6) T n-Tetradecane (C14)	8.571	2456870	17.322 ug/ml
7) T n-Hexadecane (C16)	10.179	2485429	17.630 ug/ml
8) T n-Octadecane (C18)	11.621	2465112	17.749 ug/ml
10) T n-Eicosane (C20)	12.930	2337600	17.664 ug/ml
11) T n-Heneicosane (C21)	13.541	2282174	17.619 ug/ml
13) T n-Docosane (C22)	14.128	2282075	17.709 ug/ml
14) T n-Tetracosane (C24)	15.230	2327086	17.963 ug/ml
15) T n-Hexacosane (C26)	16.249	2336122	18.025 ug/ml
16) T n-Octacosane (C28)	17.198	2428692	18.790 ug/ml
17) T n-Tricontane (C30)	18.085	2694474	20.114 ug/ml
18) T n-Dotriacontane (C32)	18.917	2805704	20.670 ug/ml
19) T n-Tetratriacontane (C34)	19.699	2673558	19.543 ug/ml
20) T n-Hexatriacontane (C36)	20.440	2528876	18.604 ug/ml
21) T n-Octatriacontane (C38)	21.175	2429358	17.814 ug/ml
22) T n-Tetracontane (C40)	22.089	2490086	18.186 ug/mlm

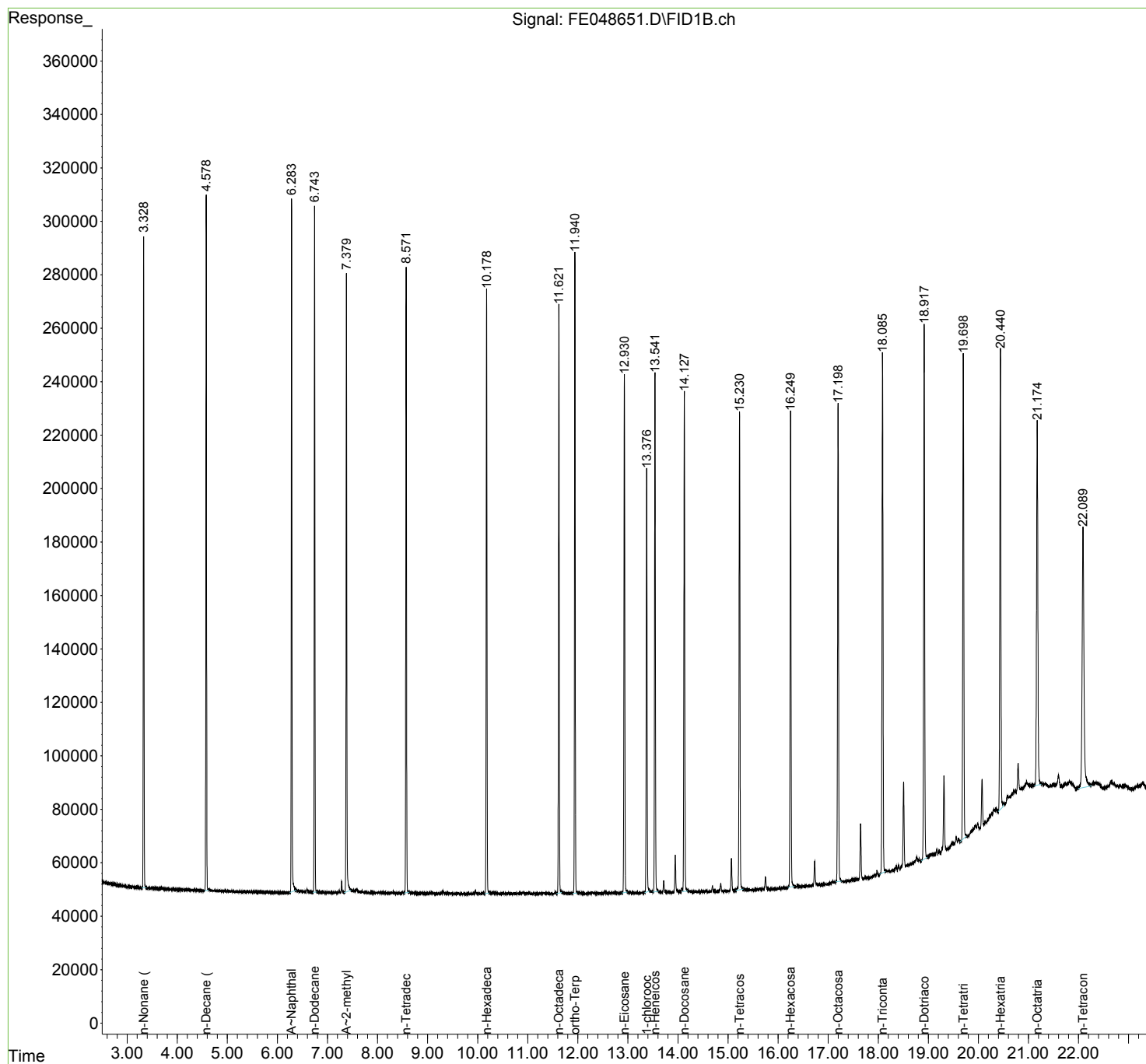
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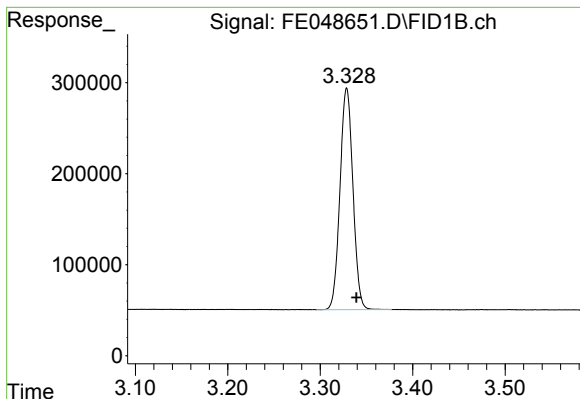
(m)=manual int.

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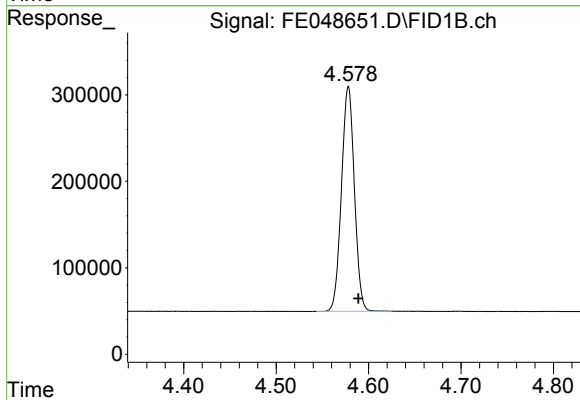
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Signal Info : 20M x 0.18mm x 0.18um





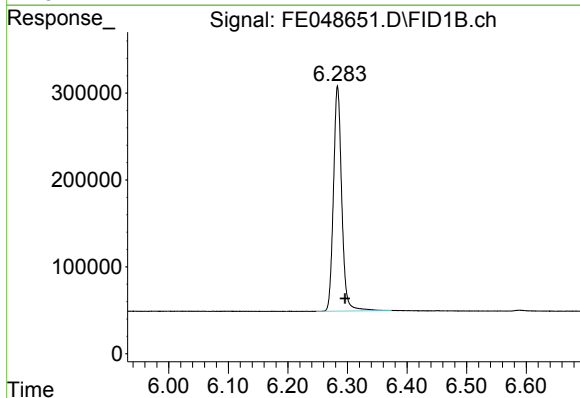
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.010 min
Response: 2365795
Conc: 15.82 ug/ml



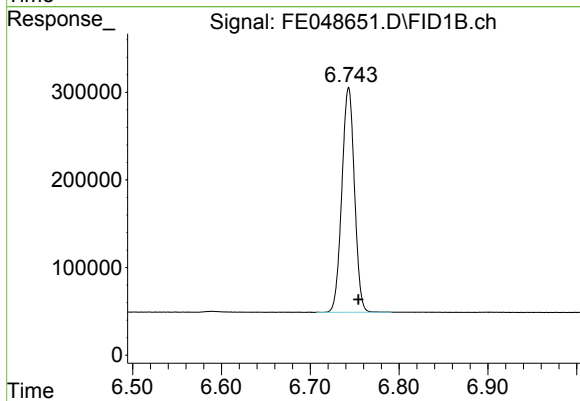
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.011 min
Response: 2531431
Conc: 16.76 ug/ml



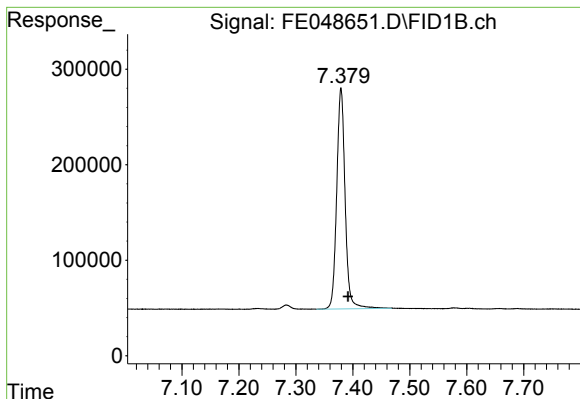
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.013 min
Response: 2501530
Conc: 16.80 ug/ml



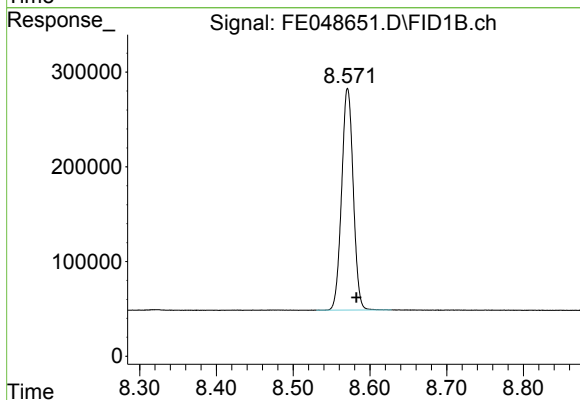
#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: -0.011 min
Response: 2531231
Conc: 17.10 ug/ml



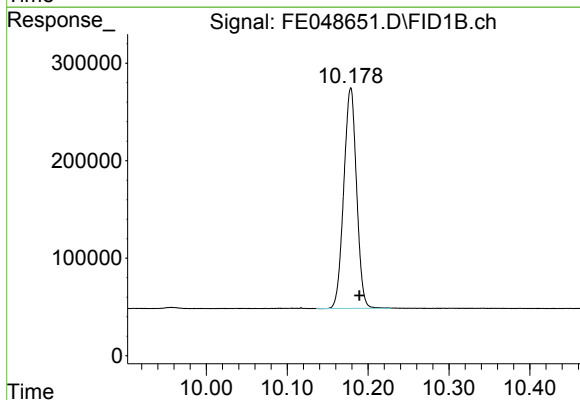
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.379 min
Delta R.T.: -0.012 min
Response: 2369817
Conc: 17.09 ug/ml



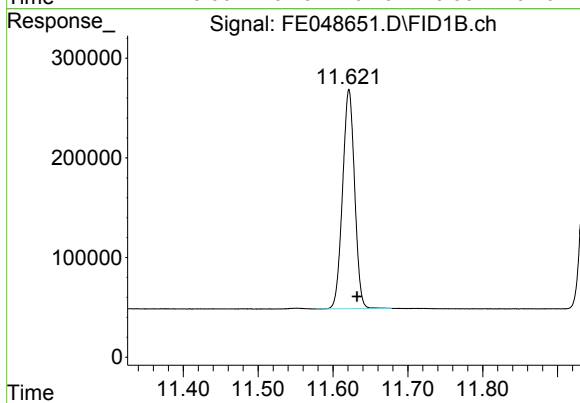
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.012 min
Response: 2456870
Conc: 17.32 ug/ml



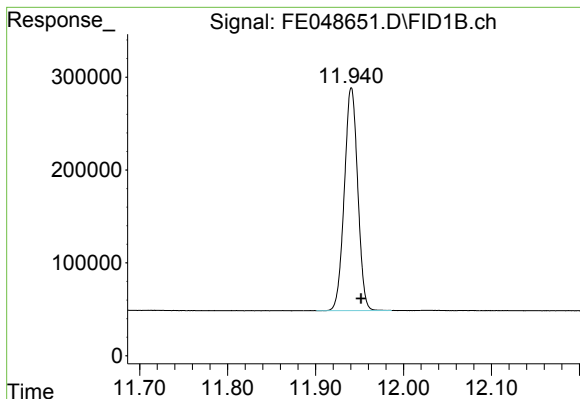
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.011 min
Response: 2485429
Conc: 17.63 ug/ml



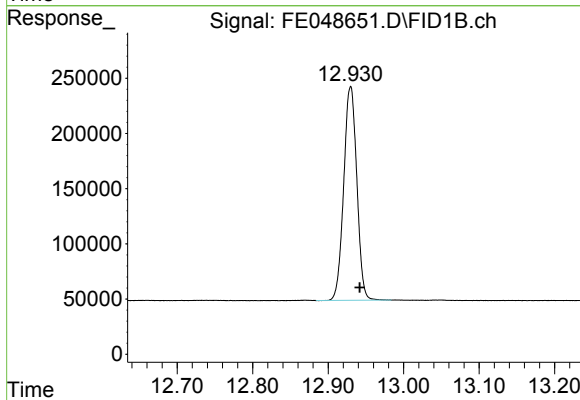
#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.010 min
Response: 2465112
Conc: 17.75 ug/ml



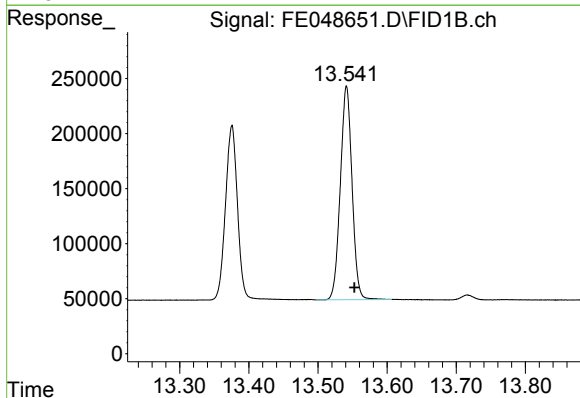
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.011 min
Response: 2539219
Conc: 17.68 ug/ml



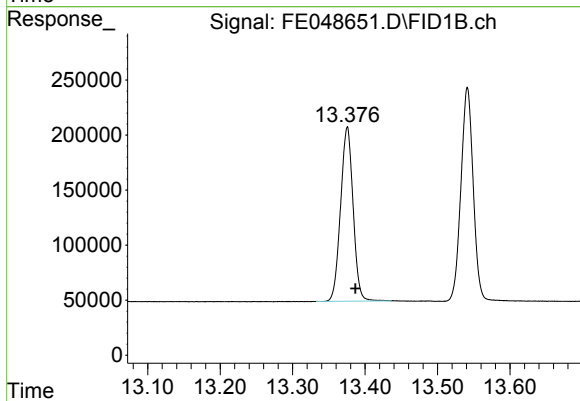
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.012 min
Response: 2337600
Conc: 17.66 ug/ml



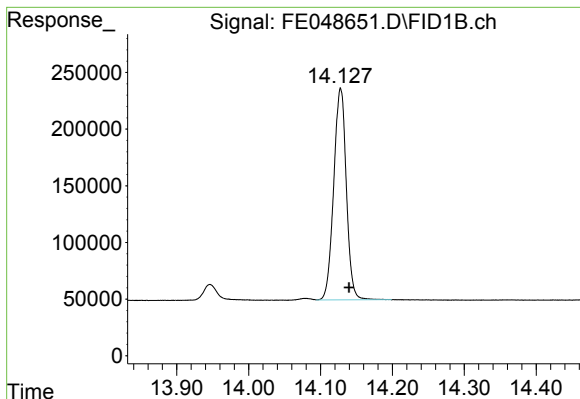
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.011 min
Response: 2282174
Conc: 17.62 ug/ml



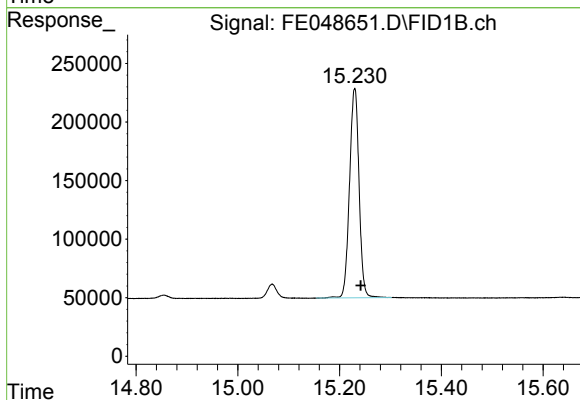
#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.011 min
Response: 1898167
Conc: 17.42 ug/ml



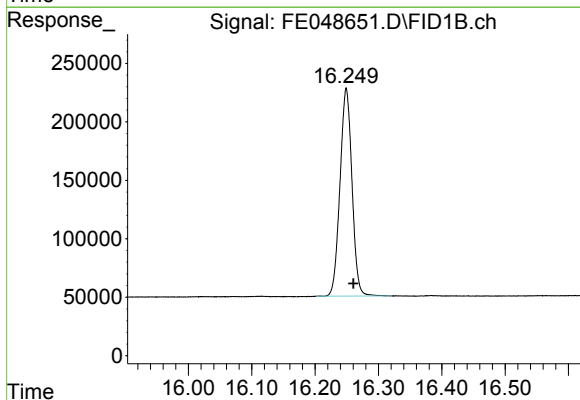
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.011 min
Response: 2282075
Conc: 17.71 ug/ml



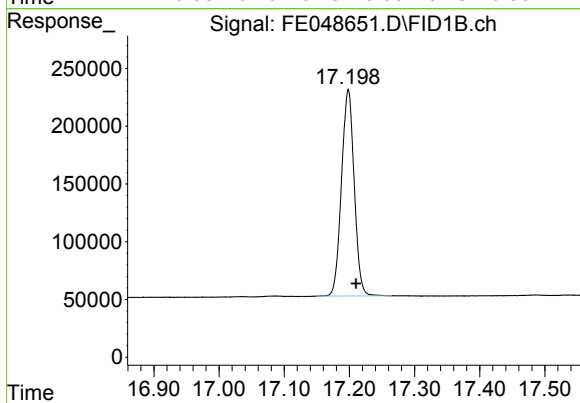
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.012 min
Response: 2327086
Conc: 17.96 ug/ml



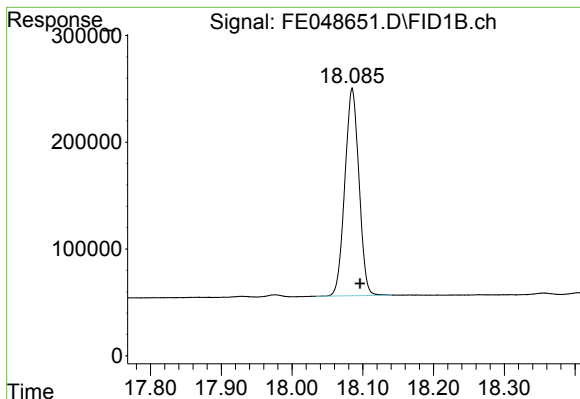
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.011 min
Response: 2336122
Conc: 18.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.012 min
Response: 2428692
Conc: 18.79 ug/ml



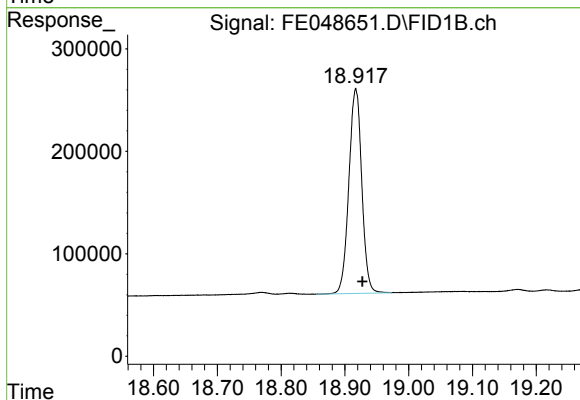
#17 n-Tricontane (C30)

R.T.: 18.085 min

Delta R.T.: -0.011 min

Response: 2694474

Conc: 20.11 ug/ml



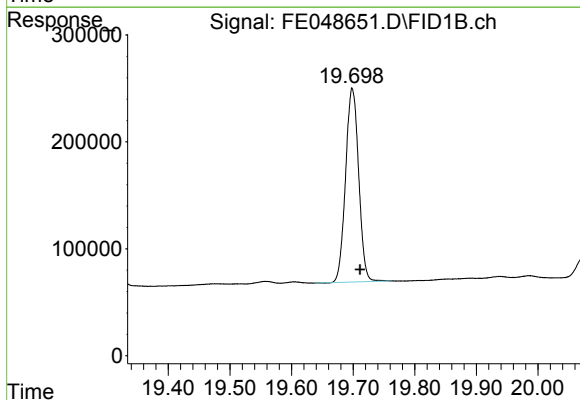
#18 n-Dotriacontane (C32)

R.T.: 18.917 min

Delta R.T.: -0.010 min

Response: 2805704

Conc: 20.67 ug/ml



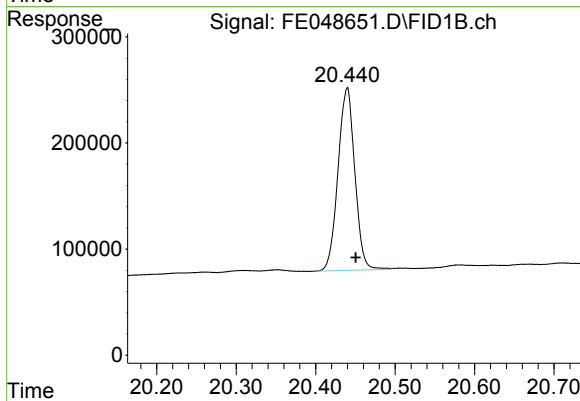
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min

Delta R.T.: -0.012 min

Response: 2673558

Conc: 19.54 ug/ml



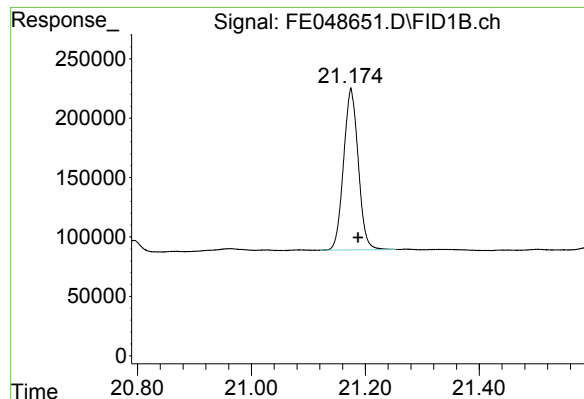
#20 n-Hexatriacontane (C36)

R.T.: 20.440 min

Delta R.T.: -0.011 min

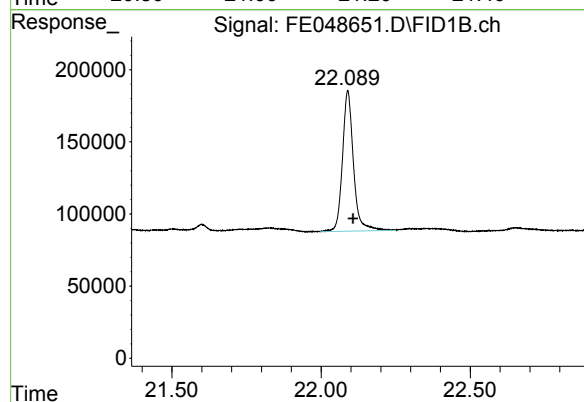
Response: 2528876

Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: -0.013 min
Response: 2429358
Conc: 17.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.019 min
Response: 2490086
Conc: 18.19 ug/ml m