

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061124AL\
 Data File : FE048644.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jun 2024 08:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 11 10:52:16 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)	11.942	2558434	17.817 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
12) S 1-chlorooctadecane (S...	13.376	1896979	17.413 ug/ml
Spiked Amount 50.000		Recovery =	34.83%
Target Compounds			
1) T n-Nonane (C9)	3.329	2366942	15.832 ug/ml
2) T n-Decane (C10)	4.579	2535972	16.794 ug/ml
3) T A~Naphthalene (C11.7)	6.285	2508810	16.849 ug/ml
4) T n-Dodecane (C12)	6.744	2539953	17.159 ug/ml
5) T A~2-methylnaphthalene...	7.380	2374372	17.124 ug/ml
6) T n-Tetradecane (C14)	8.572	2467080	17.394 ug/ml
7) T n-Hexadecane (C16)	10.179	2509444	17.800 ug/ml
8) T n-Octadecane (C18)	11.623	2479458	17.853 ug/ml
10) T n-Eicosane (C20)	12.931	2356773	17.809 ug/ml
11) T n-Heneicosane (C21)	13.543	2294690	17.716 ug/ml
13) T n-Docosane (C22)	14.129	2287367	17.750 ug/ml
14) T n-Tetracosane (C24)	15.231	2337952	18.047 ug/ml
15) T n-Hexacosane (C26)	16.250	2351211	18.141 ug/ml
16) T n-Octacosane (C28)	17.199	2449345	18.950 ug/ml
17) T n-Tricontane (C30)	18.086	2715680	20.272 ug/ml
18) T n-Dotriacontane (C32)	18.917	2835292	20.888 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2715447	19.850 ug/ml
20) T n-Hexatriacontane (C36)	20.440	2565748	18.875 ug/ml
21) T n-Octatriacontane (C38)	21.177	2455343	18.005 ug/ml
22) T n-Tetracontane (C40)	22.094	2302202	16.814 ug/ml

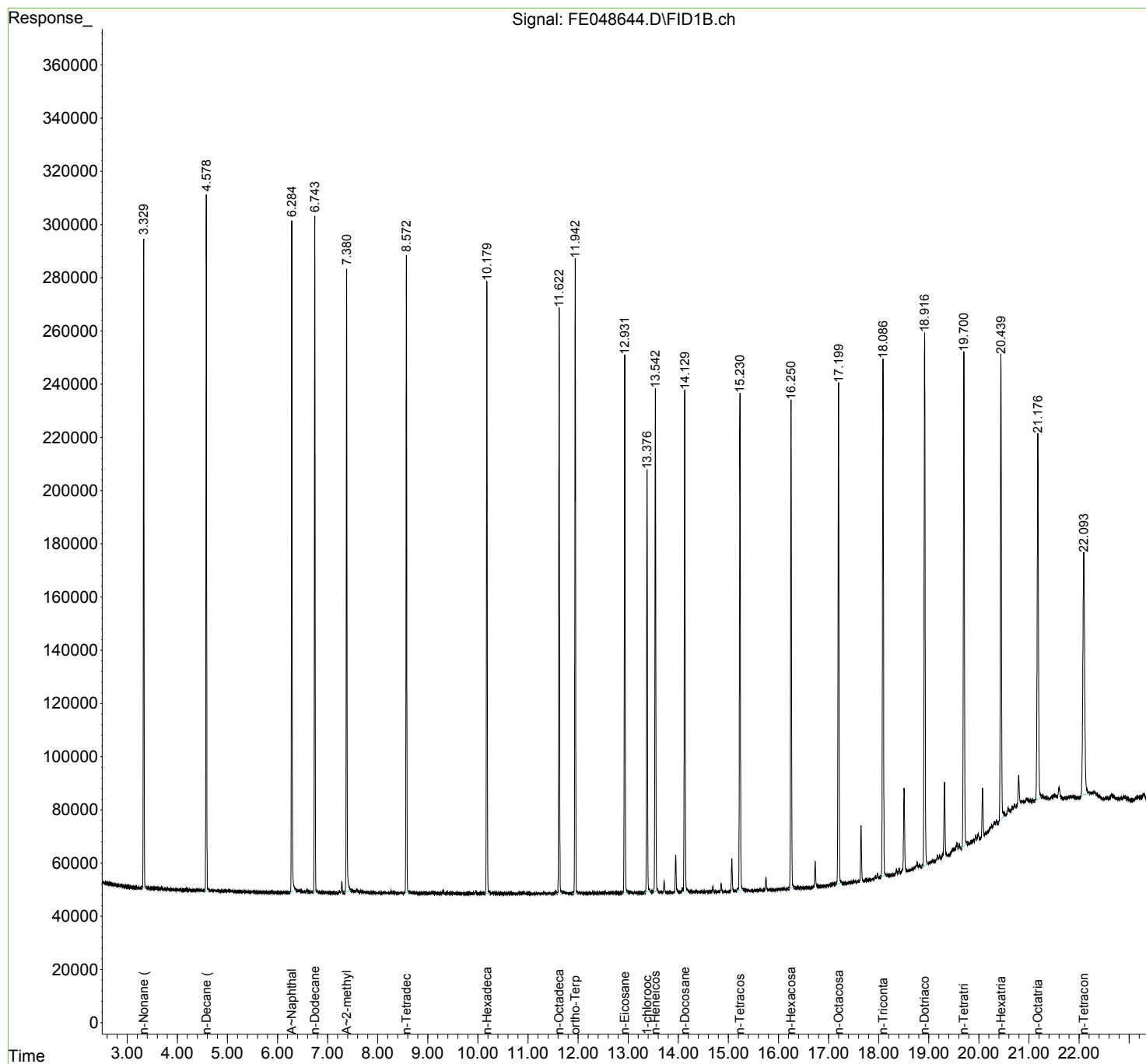
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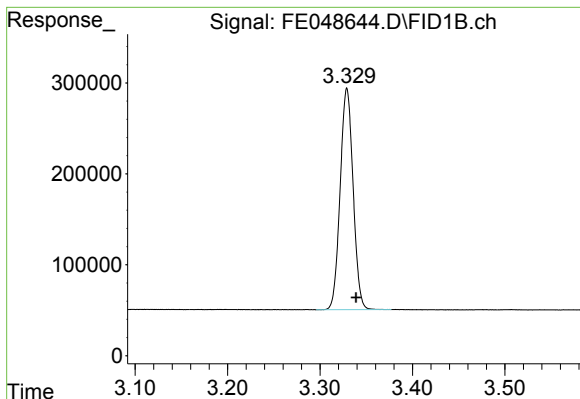
(m)=manual int.

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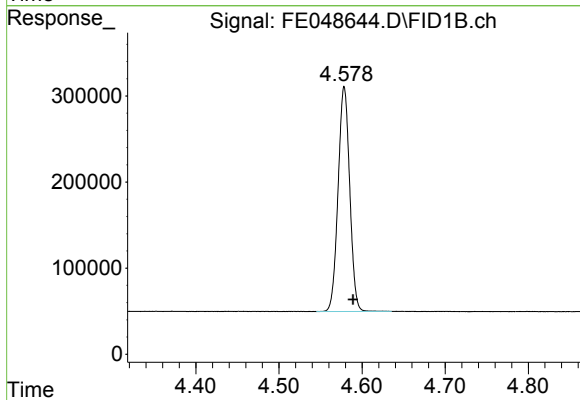
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Signal Info : 20M x 0.18mm x 0.18um





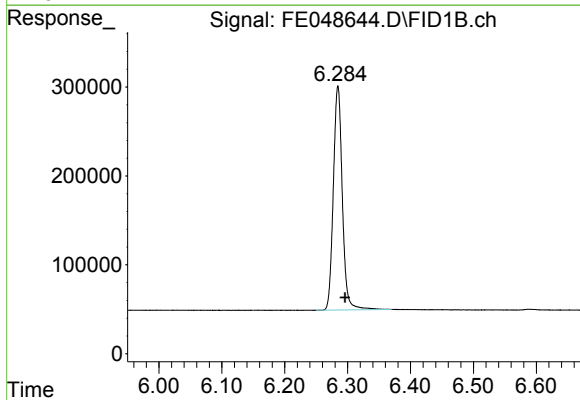
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.010 min
Response: 2366942
Conc: 15.83 ug/ml



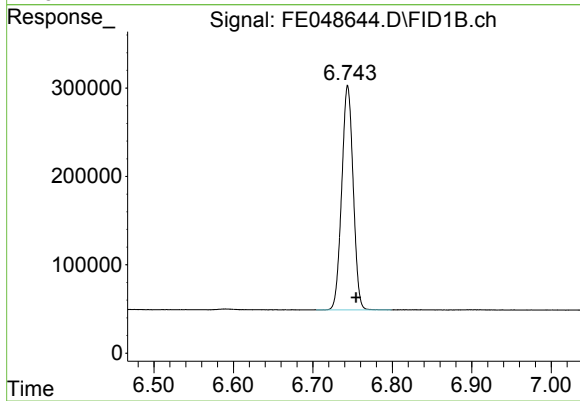
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 2535972
Conc: 16.79 ug/ml



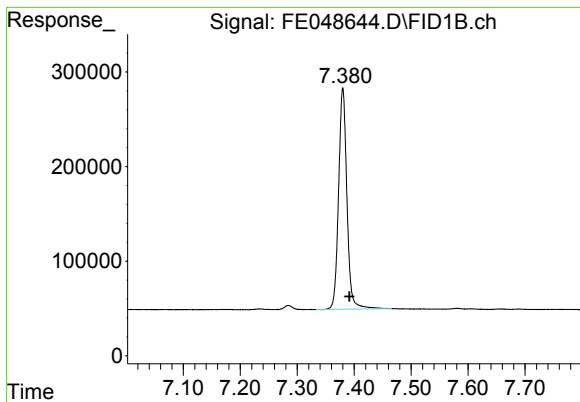
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.011 min
Response: 2508810
Conc: 16.85 ug/ml



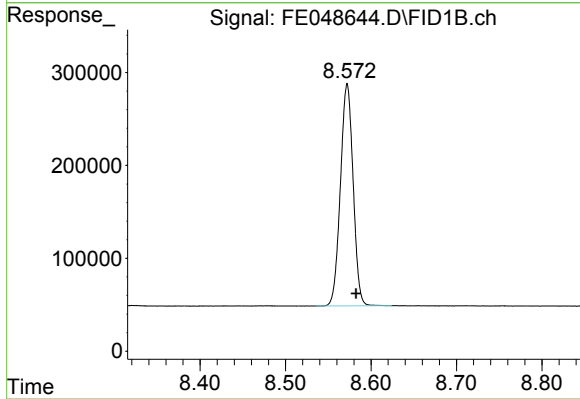
#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 2539953
Conc: 17.16 ug/ml



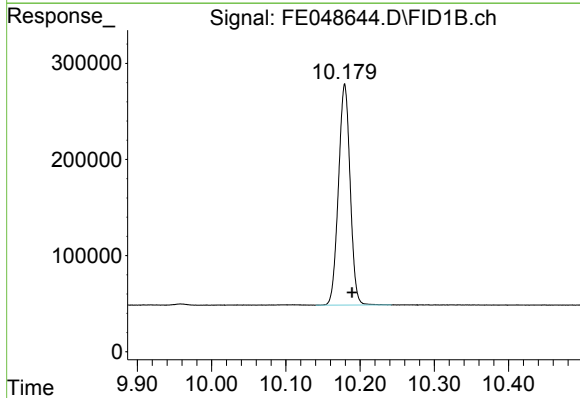
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.380 min
Delta R.T.: -0.011 min
Response: 2374372
Conc: 17.12 ug/ml



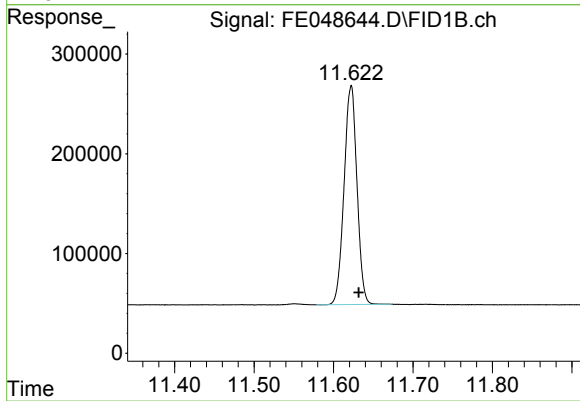
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 2467080
Conc: 17.39 ug/ml



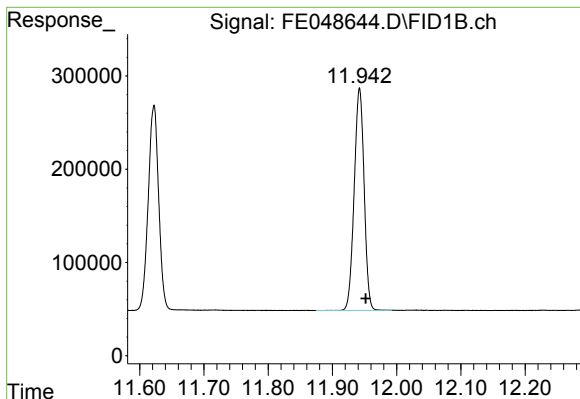
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.010 min
Response: 2509444
Conc: 17.80 ug/ml



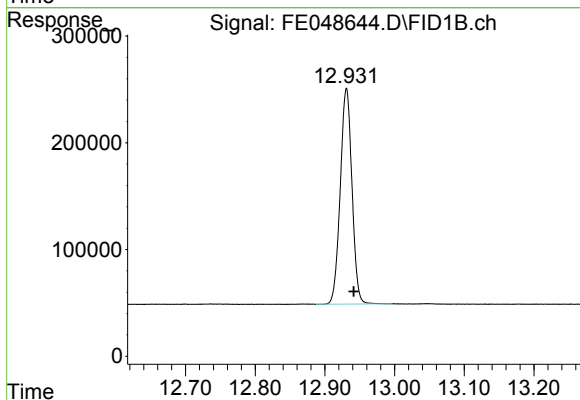
#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.009 min
Response: 2479458
Conc: 17.85 ug/ml



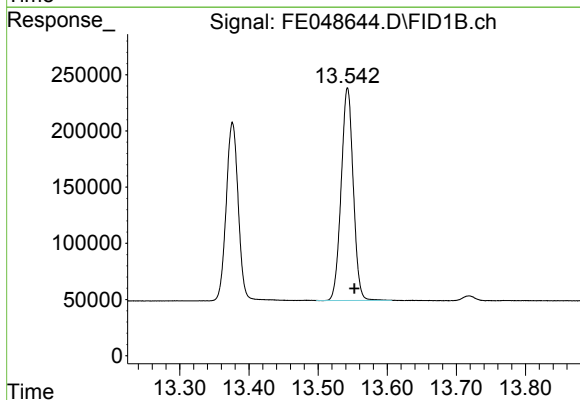
#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.010 min
Response: 2558434
Conc: 17.82 ug/ml



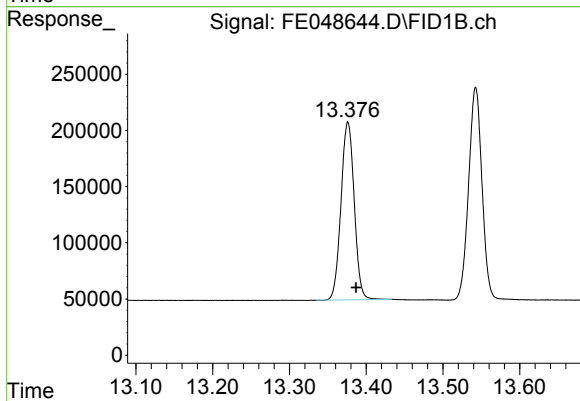
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.011 min
Response: 2356773
Conc: 17.81 ug/ml



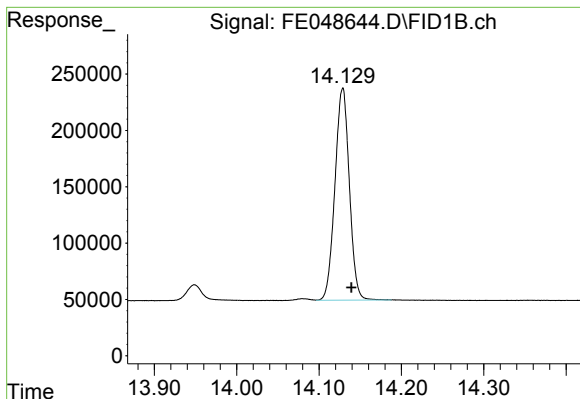
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.010 min
Response: 2294690
Conc: 17.72 ug/ml



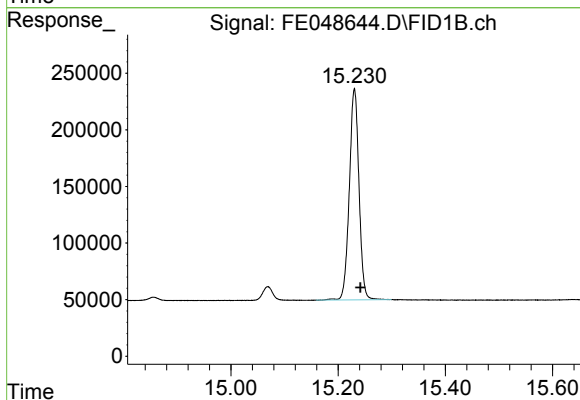
#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.011 min
Response: 1896979
Conc: 17.41 ug/ml



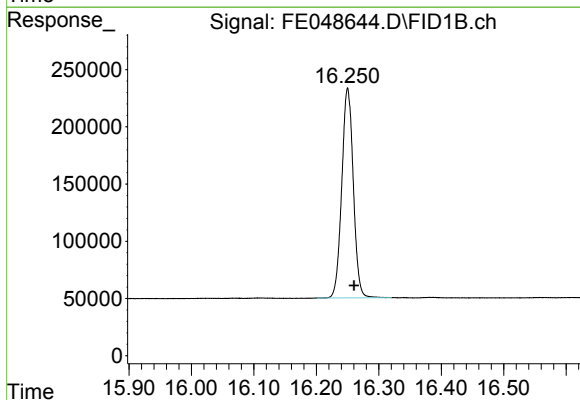
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: -0.011 min
Response: 2287367
Conc: 17.75 ug/ml



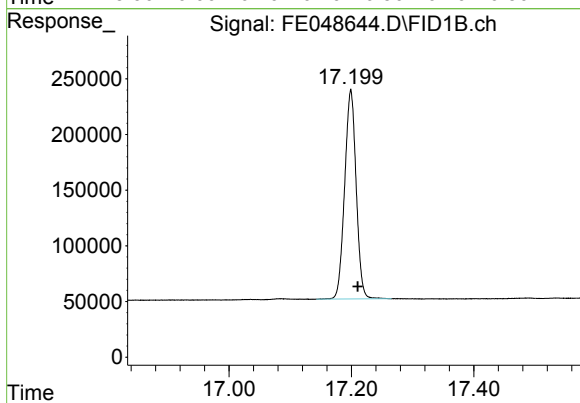
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.011 min
Response: 2337952
Conc: 18.05 ug/ml



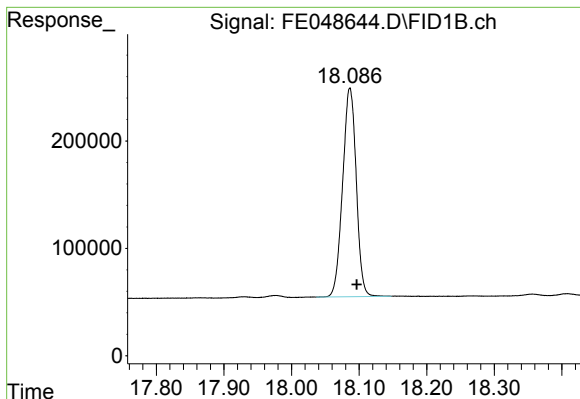
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.010 min
Response: 2351211
Conc: 18.14 ug/ml



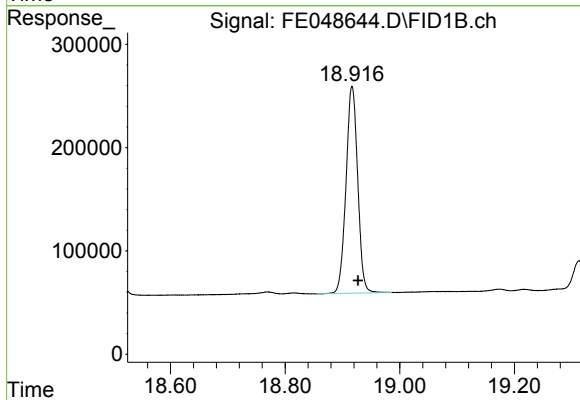
#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.011 min
Response: 2449345
Conc: 18.95 ug/ml



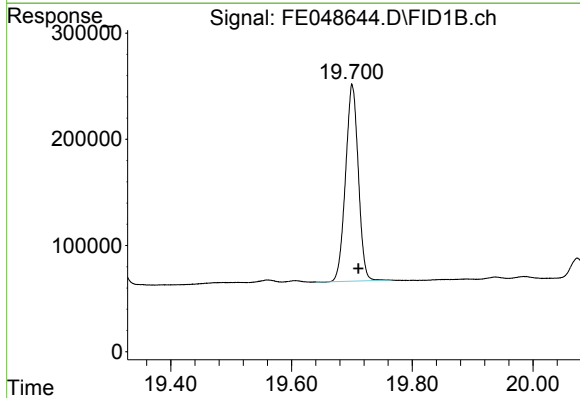
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.010 min
Response: 2715680
Conc: 20.27 ug/ml



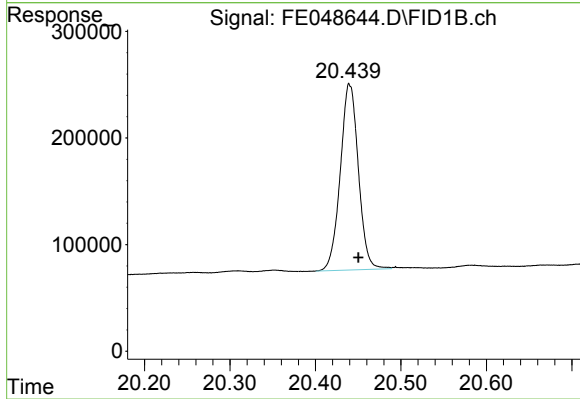
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.011 min
Response: 2835292
Conc: 20.89 ug/ml



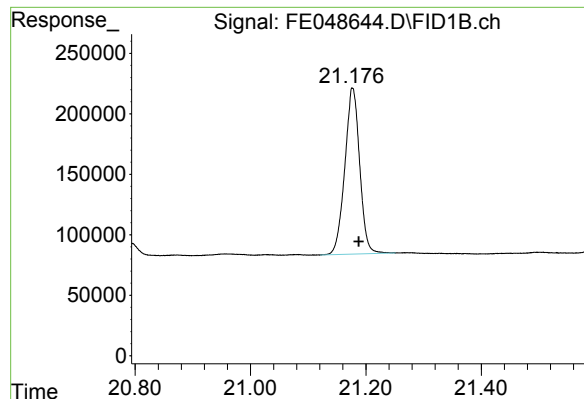
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.011 min
Response: 2715447
Conc: 19.85 ug/ml



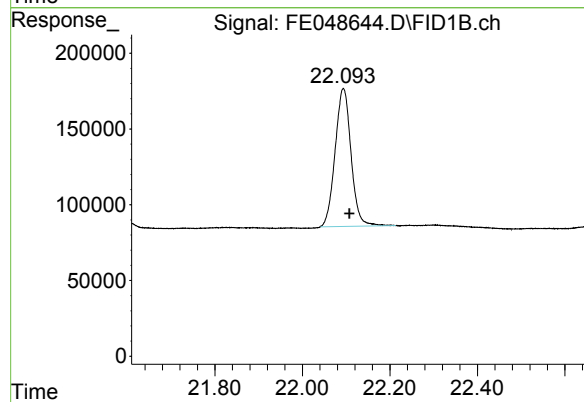
#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.011 min
Response: 2565748
Conc: 18.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.011 min
Response: 2455343
Conc: 18.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.014 min
Response: 2302202
Conc: 16.81 ug/ml