

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012723AL\
 Data File : FE040077.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2023 09:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 23:57:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.902	3065177	19.960 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
12) S 1-chlorooctadecane (S...	13.340	2334052	20.001 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.298	2661823	20.970 ug/ml
2) T n-Decane (C10)	4.546	2633495	21.206 ug/ml
3) T A~Naphthalene (C11.7)	6.248	2877720	20.406 ug/ml
4) T n-Dodecane (C12)	6.710	2659643	21.154 ug/ml
5) T A~2-methylnaphthalene...	7.343	2689369	20.533 ug/ml
6) T n-Tetradecane (C14)	8.537	2702324	21.011 ug/ml
7) T n-Hexadecane (C16)	10.144	2792778	20.702 ug/ml
8) T n-Octadecane (C18)	11.585	2848620	20.329 ug/ml
10) T n-Eicosane (C20)	12.895	2774237	20.023 ug/ml
11) T n-Heneicosane (C21)	13.507	2775859	19.893 ug/ml
13) T n-Docosane (C22)	14.093	2767280	19.937 ug/ml
14) T n-Tetracosane (C24)	15.196	2784699	20.226 ug/ml
15) T n-Hexacosane (C26)	16.218	2708406	20.293 ug/ml
16) T n-Octacosane (C28)	17.168	2718843	20.886 ug/ml
17) T n-Tricontane (C30)	18.056	2750395	21.567 ug/ml
18) T n-Dotriacontane (C32)	18.890	2770967	21.919 ug/ml
19) T n-Tetratriacontane (C34)	19.675	2614654	21.160 ug/ml
20) T n-Hexatriacontane (C36)	20.415	2450290	20.783 ug/ml
21) T n-Octatriacontane (C38)	21.147	2368517	19.817 ug/ml
22) T n-Tetracontane (C40)	22.045	2455793	20.234 ug/ml

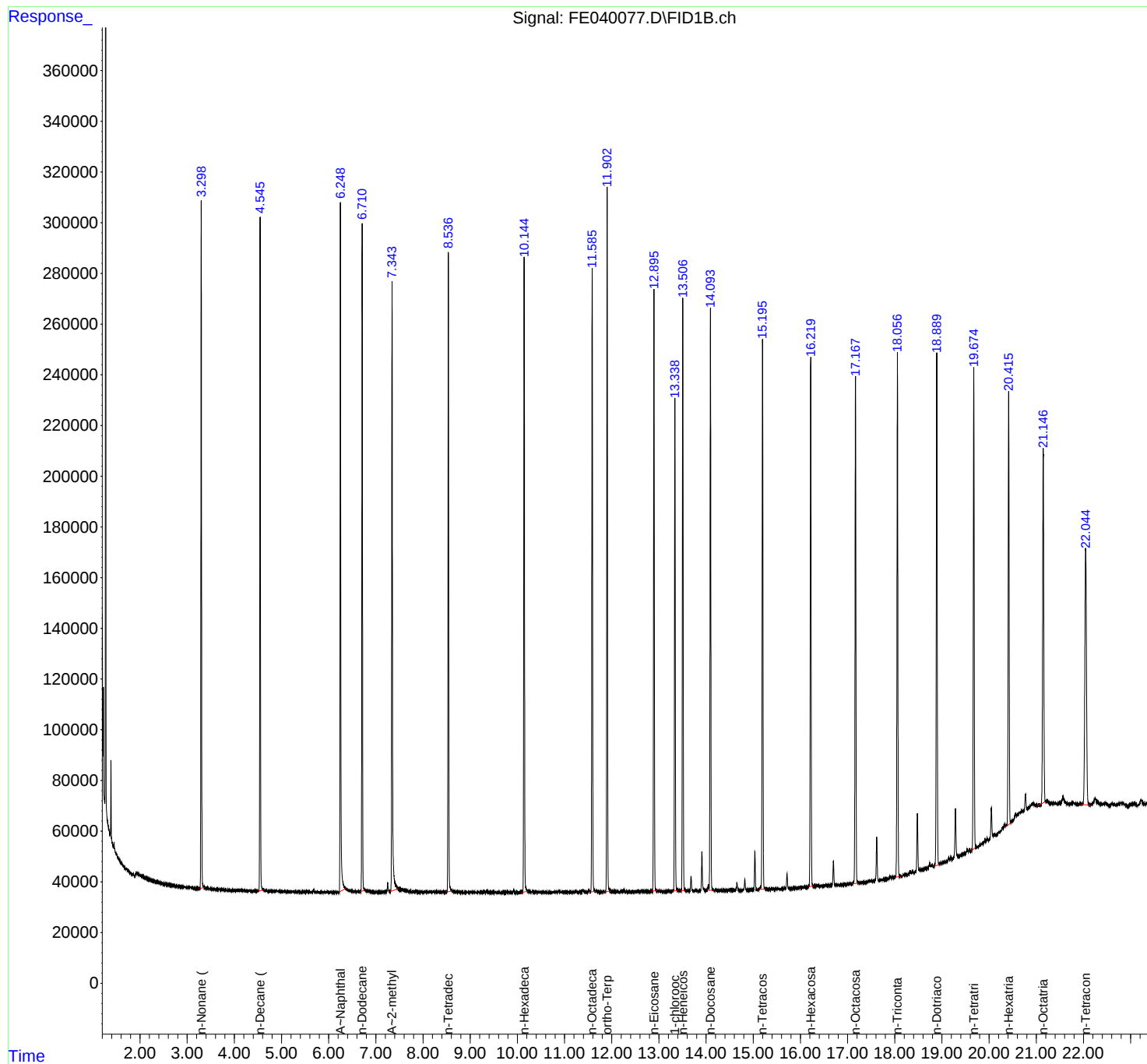
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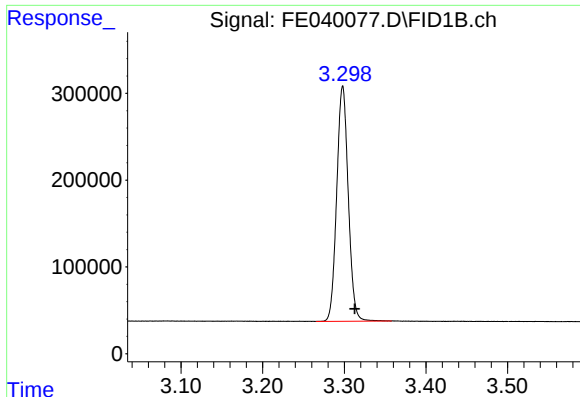
(m)=manual int.

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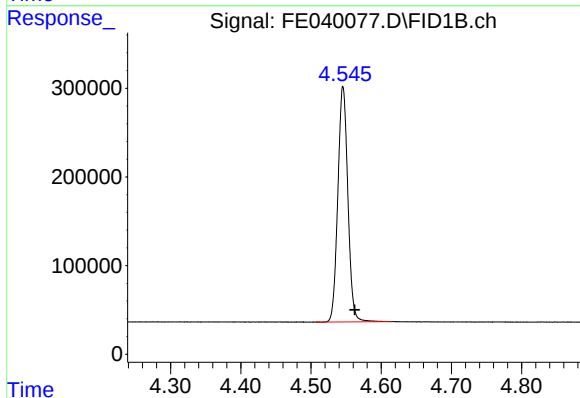
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Signal Info : 20M x 0.18mm x 0.18um





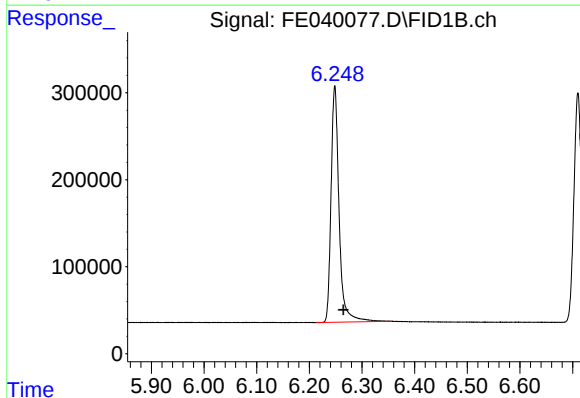
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: -0.015 min
Response: 2661823
Conc: 20.97 ug/ml



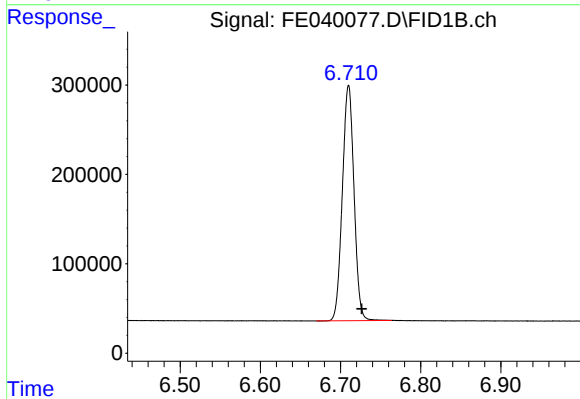
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.017 min
Response: 2633495
Conc: 21.21 ug/ml



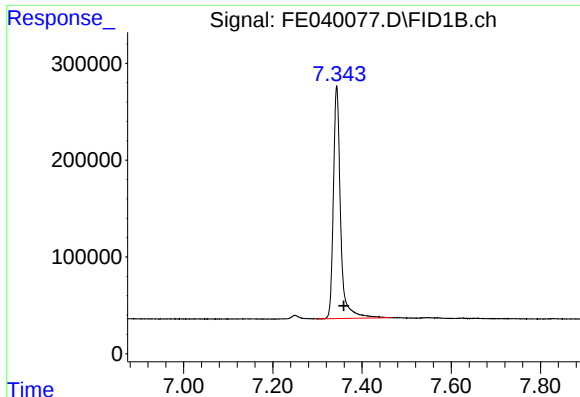
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.016 min
Response: 2877720
Conc: 20.41 ug/ml



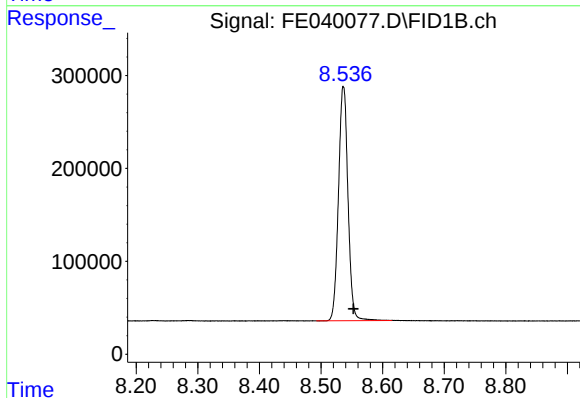
#4 n-Dodecane (C12)

R.T.: 6.710 min
Delta R.T.: -0.017 min
Response: 2659643
Conc: 21.15 ug/ml



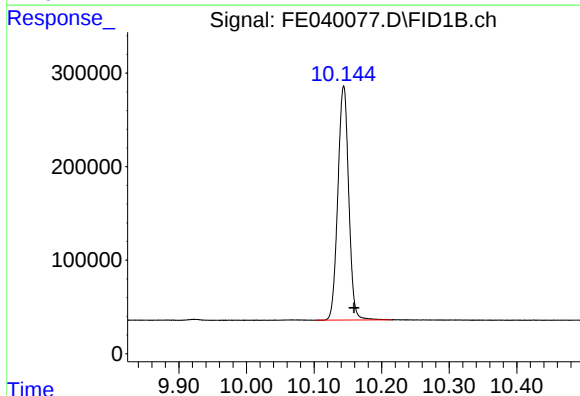
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.343 min
Delta R.T.: -0.016 min
Response: 2689369
Conc: 20.53 ug/ml



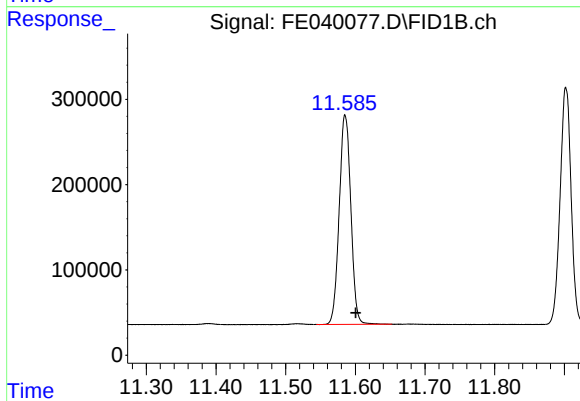
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.016 min
Response: 2702324
Conc: 21.01 ug/ml



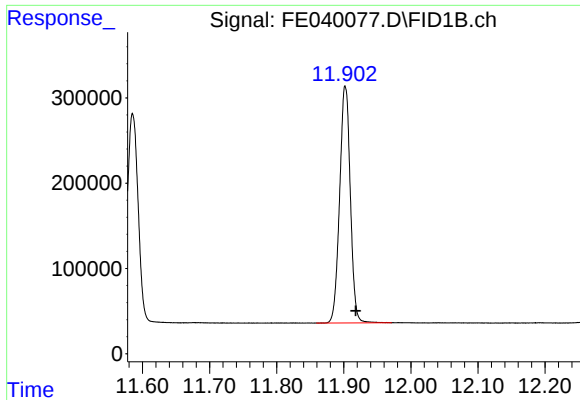
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.015 min
Response: 2792778
Conc: 20.70 ug/ml



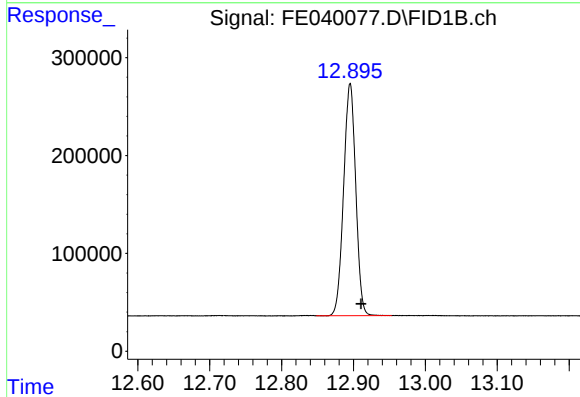
#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.015 min
Response: 2848620
Conc: 20.33 ug/ml



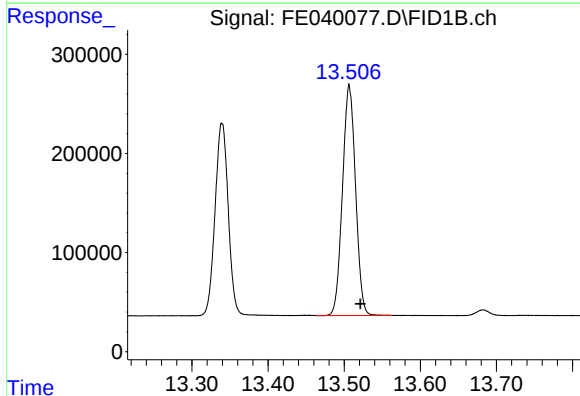
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.015 min
Response: 3065177
Conc: 19.96 ug/ml



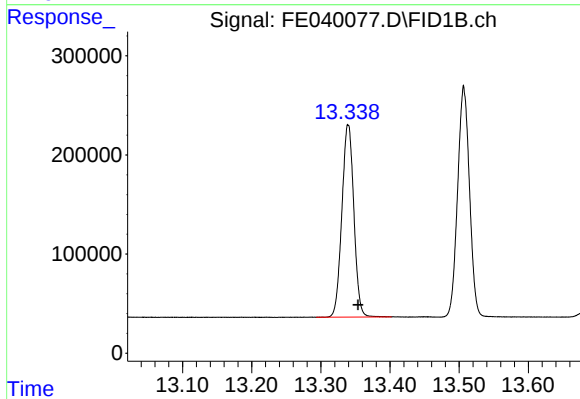
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.015 min
Response: 2774237
Conc: 20.02 ug/ml



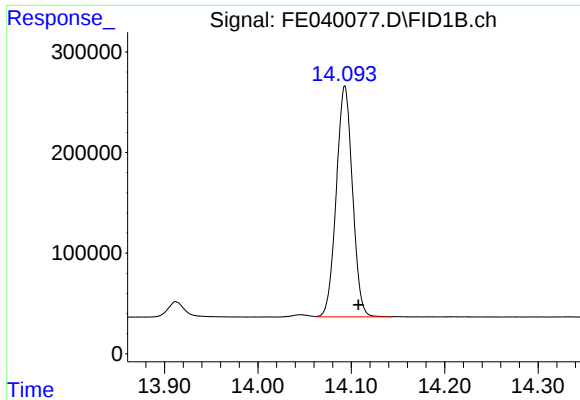
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.015 min
Response: 2775859
Conc: 19.89 ug/ml



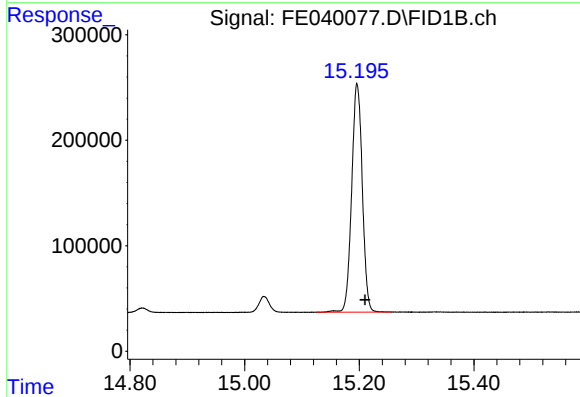
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.014 min
Response: 2334052
Conc: 20.00 ug/ml



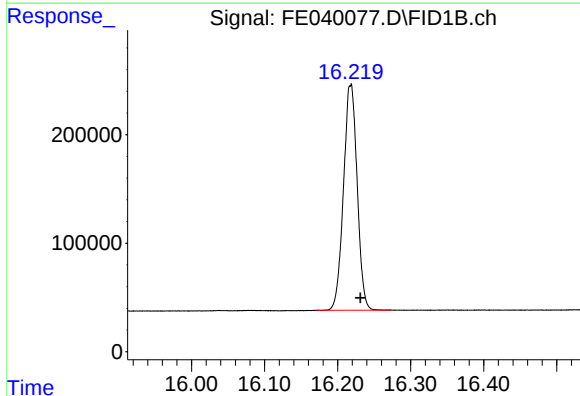
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.014 min
Response: 2767280
Conc: 19.94 ug/ml



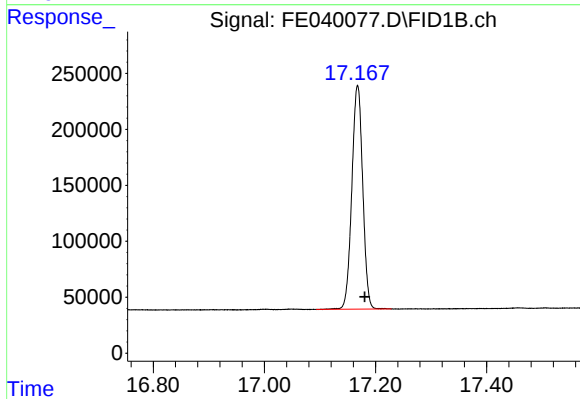
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.014 min
Response: 2784699
Conc: 20.23 ug/ml



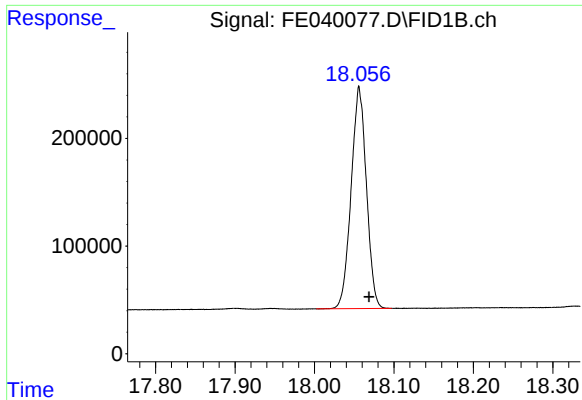
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.013 min
Response: 2708406
Conc: 20.29 ug/ml



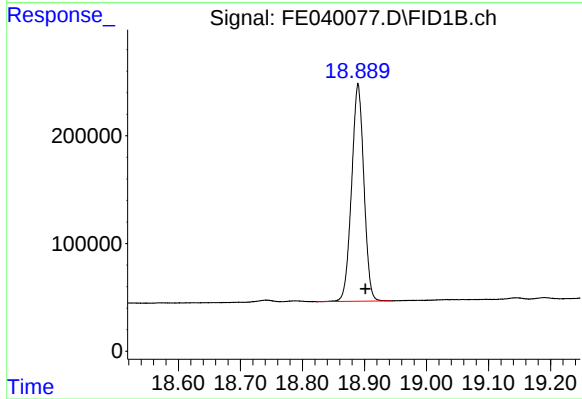
#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.012 min
Response: 2718843
Conc: 20.89 ug/ml



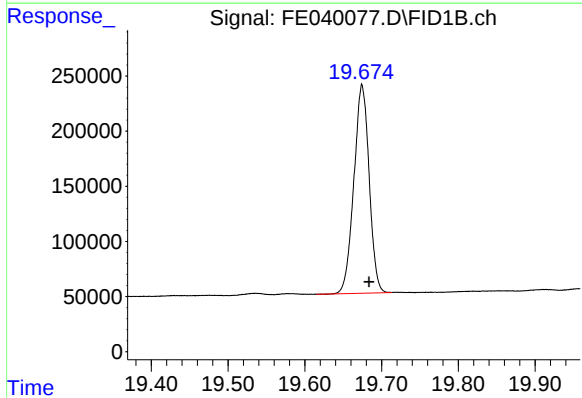
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: -0.012 min
Response: 2750395
Conc: 21.57 ug/ml



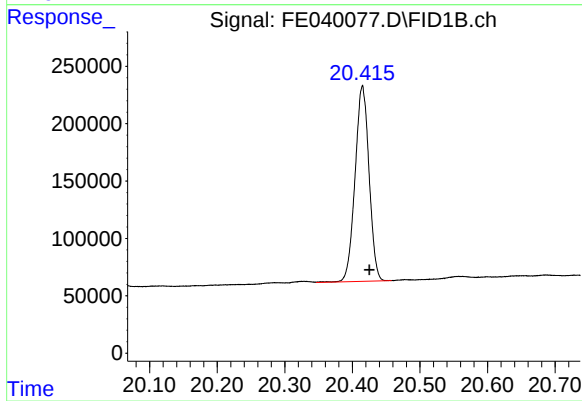
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: -0.012 min
Response: 2770967
Conc: 21.92 ug/ml



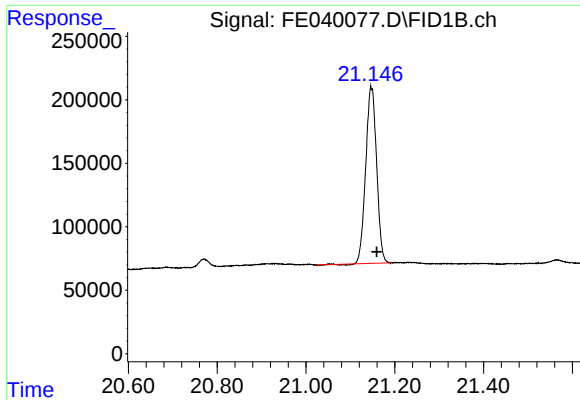
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: -0.009 min
Response: 2614654
Conc: 21.16 ug/ml



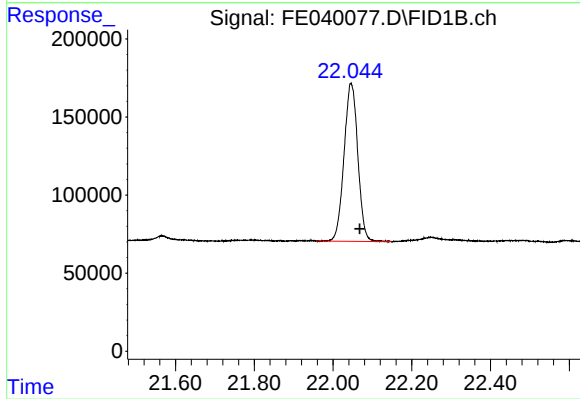
#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: -0.010 min
Response: 2450290
Conc: 20.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.012 min
Response: 2368517
Conc: 19.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: -0.023 min
Response: 2455793
Conc: 20.23 ug/ml