

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012023AL\
 Data File : FE039925.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2023 11:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 23:23:01 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)	11.910	2947150	19.191 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
12) S 1-chlorooctadecane (S...	13.348	2258432	19.353 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T n-Nonane (C9)	3.303	2554607	20.125 ug/ml
2) T n-Decane (C10)	4.553	2497935	20.114 ug/ml
3) T A~Naphthalene (C11.7)	6.256	2795314	19.821 ug/ml
4) T n-Dodecane (C12)	6.718	2523875	20.074 ug/ml
5) T A~2-methylnaphthalene...	7.351	2609245	19.921 ug/ml
6) T n-Tetradecane (C14)	8.544	2575943	20.028 ug/ml
7) T n-Hexadecane (C16)	10.151	2673075	19.814 ug/ml
8) T n-Octadecane (C18)	11.594	2733742	19.509 ug/ml
10) T n-Eicosane (C20)	12.903	2672305	19.287 ug/ml
11) T n-Heneicosane (C21)	13.516	2679526	19.202 ug/ml
13) T n-Docosane (C22)	14.101	2641737	19.032 ug/ml
14) T n-Tetracosane (C24)	15.204	2593037	18.834 ug/ml
15) T n-Hexacosane (C26)	16.226	2512517	18.825 ug/ml
16) T n-Octacosane (C28)	17.176	2470919	18.981 ug/ml
17) T n-Tricontane (C30)	18.065	2439994	19.133 ug/ml
18) T n-Dotriacontane (C32)	18.898	2443112	19.325 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2402442	19.442 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2338204	19.832 ug/ml
21) T n-Octatriacontane (C38)	21.157	2349771	19.660 ug/ml
22) T n-Tetracontane (C40)	22.060	2450998	20.195 ug/ml

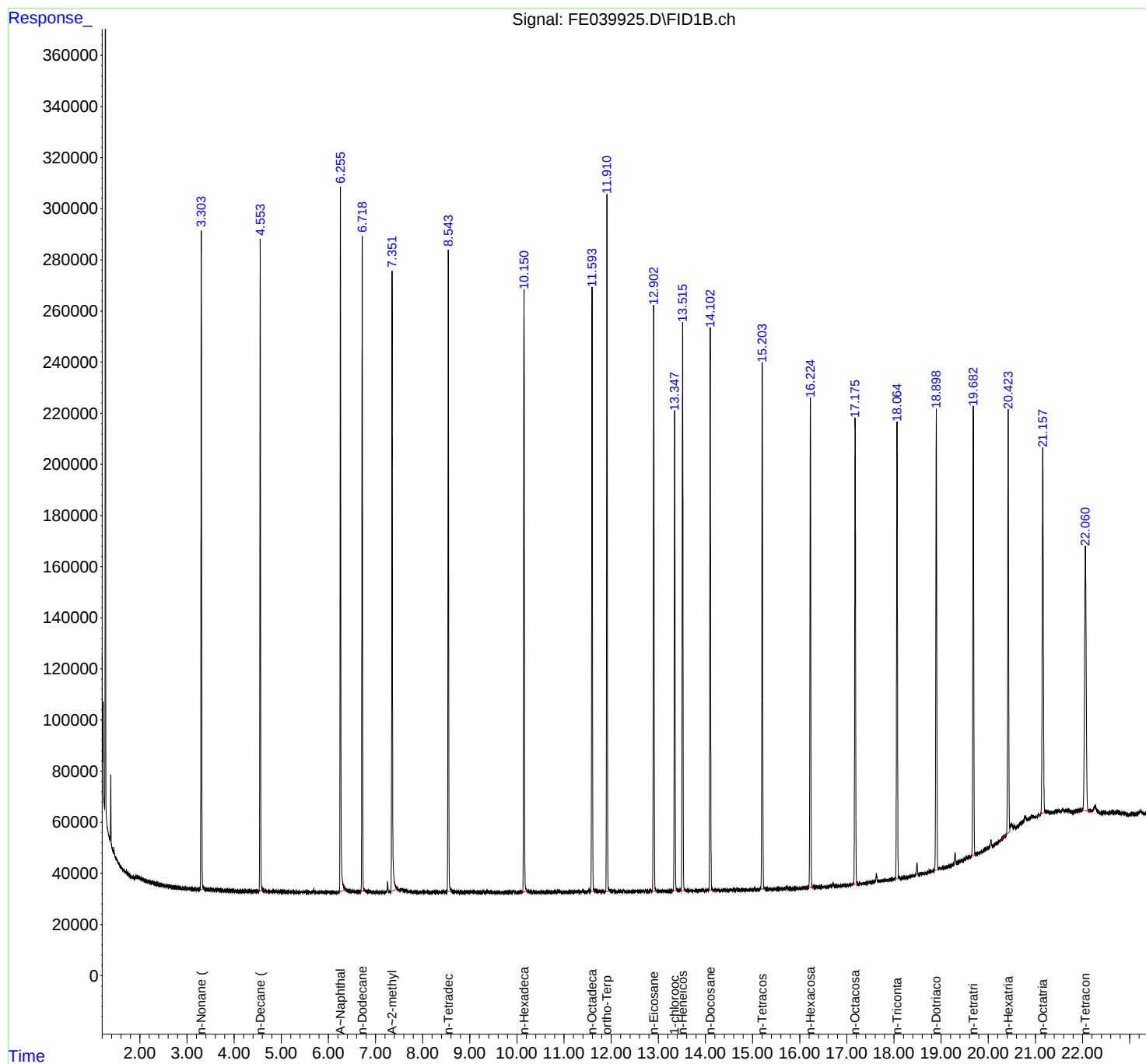
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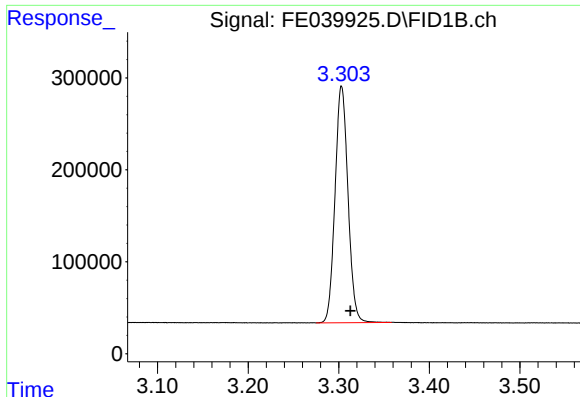
(m)=manual int.

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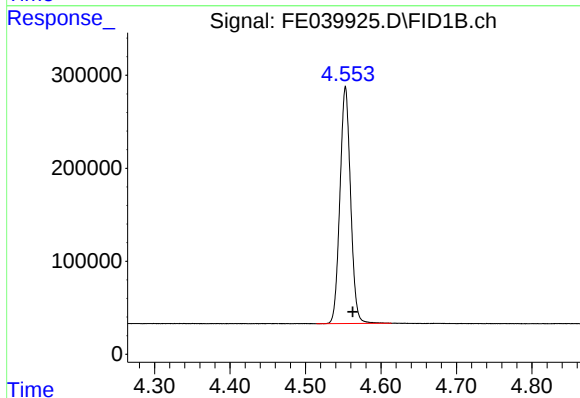
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





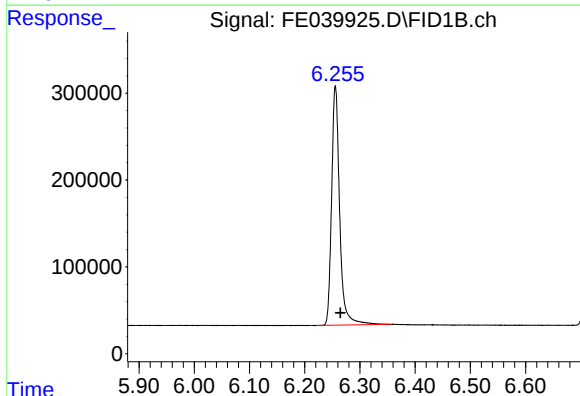
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.010 min
Response: 2554607
Conc: 20.13 ug/ml



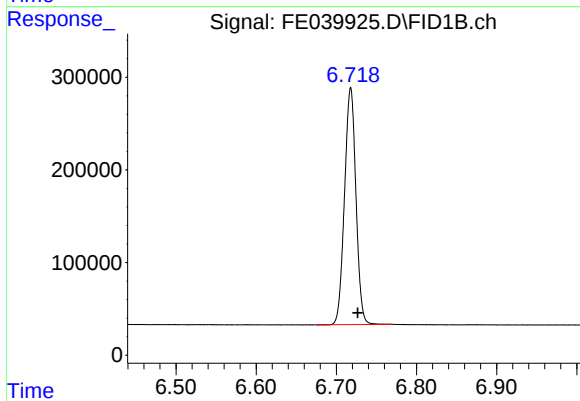
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.010 min
Response: 2497935
Conc: 20.11 ug/ml



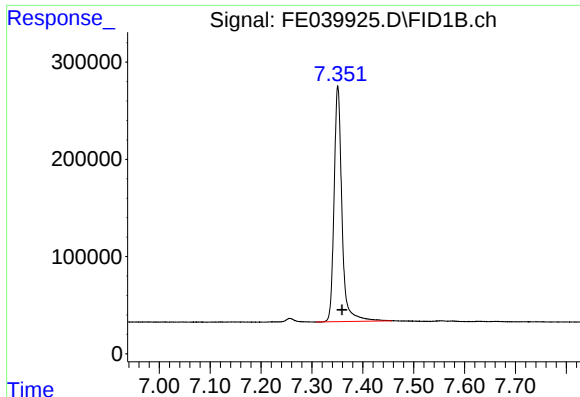
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: -0.009 min
Response: 2795314
Conc: 19.82 ug/ml



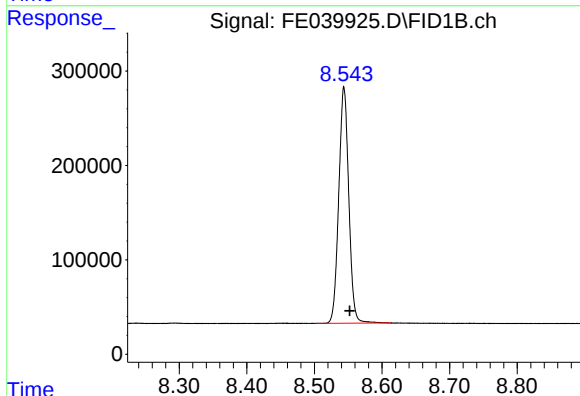
#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.009 min
Response: 2523875
Conc: 20.07 ug/ml



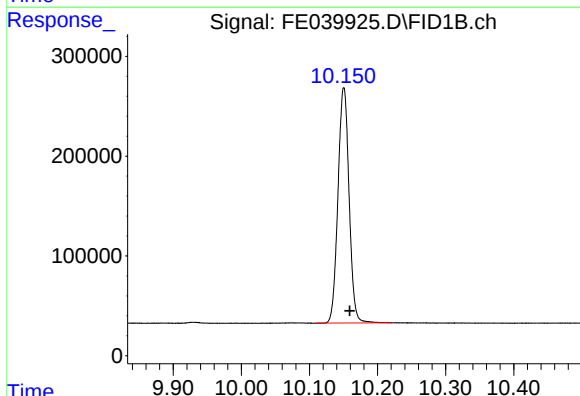
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.351 min
Delta R.T.: -0.008 min
Response: 2609245
Conc: 19.92 ug/ml



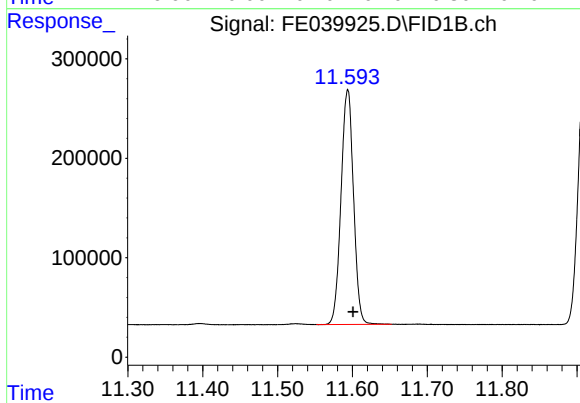
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: -0.009 min
Response: 2575943
Conc: 20.03 ug/ml



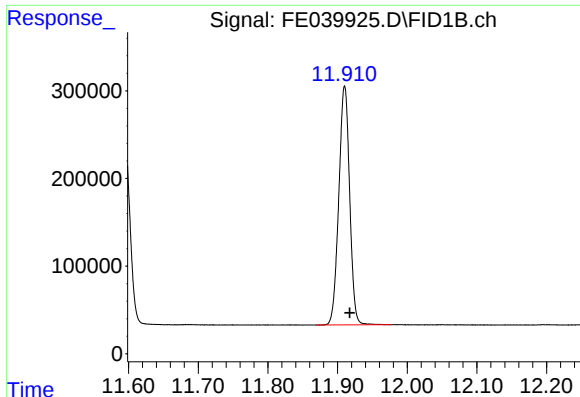
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.009 min
Response: 2673075
Conc: 19.81 ug/ml



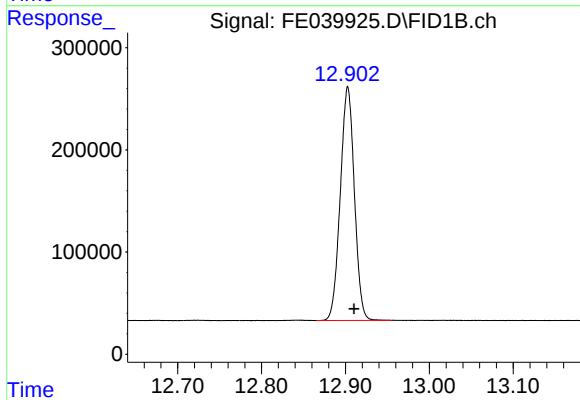
#8 n-Octadecane (C18)

R.T.: 11.594 min
Delta R.T.: -0.007 min
Response: 2733742
Conc: 19.51 ug/ml



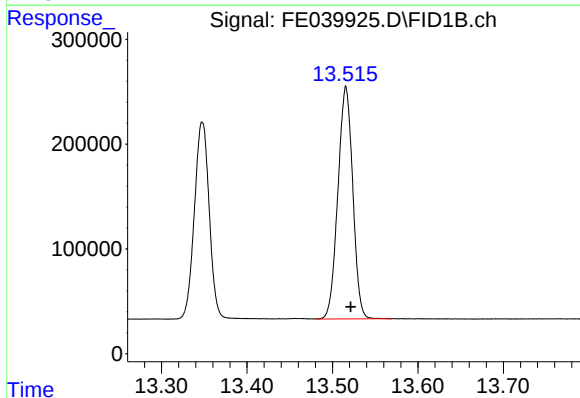
#9 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: -0.008 min
Response: 2947150
Conc: 19.19 ug/ml



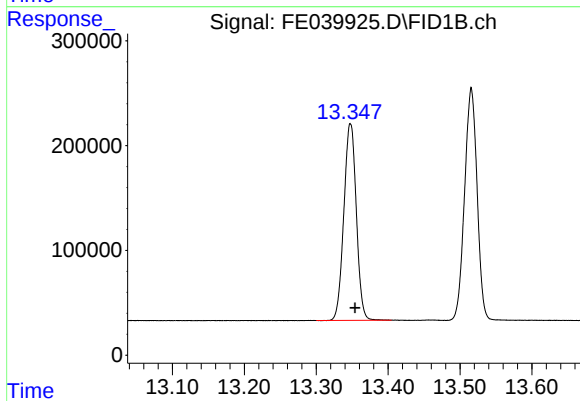
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.008 min
Response: 2672305
Conc: 19.29 ug/ml



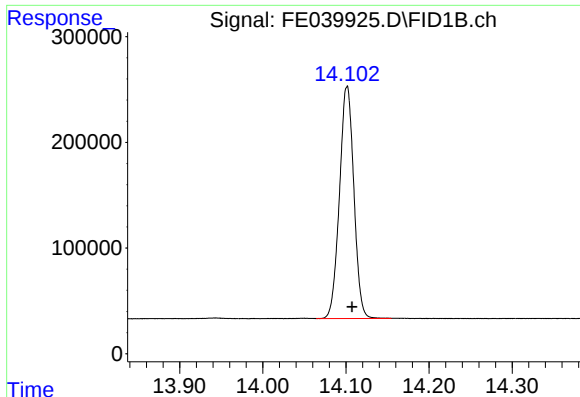
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.006 min
Response: 2679526
Conc: 19.20 ug/ml



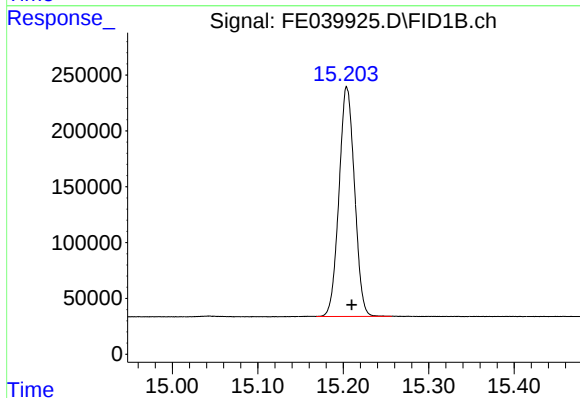
#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: -0.006 min
Response: 2258432
Conc: 19.35 ug/ml



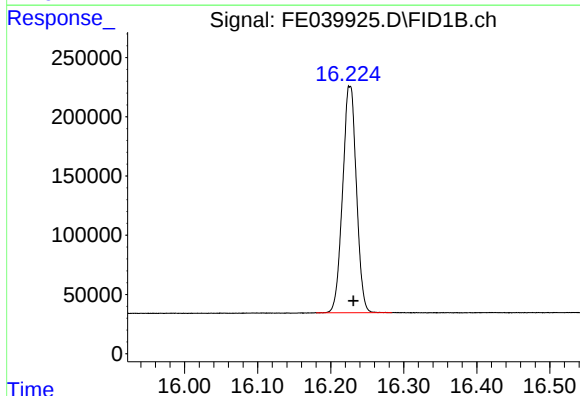
#13 n-Docosane (C22)

R.T.: 14.101 min
Delta R.T.: -0.006 min
Response: 2641737
Conc: 19.03 ug/ml



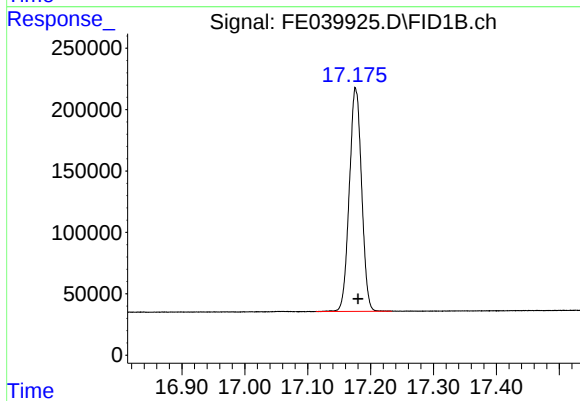
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: -0.006 min
Response: 2593037
Conc: 18.83 ug/ml



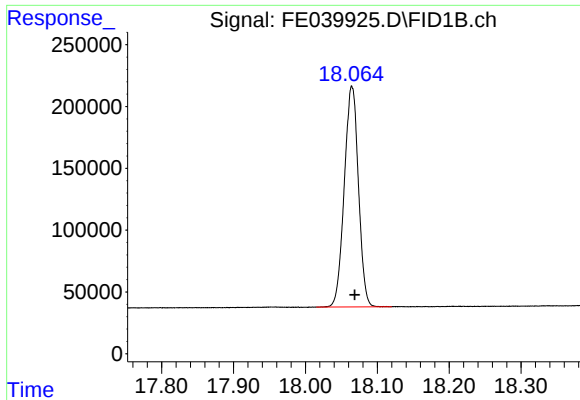
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.005 min
Response: 2512517
Conc: 18.83 ug/ml



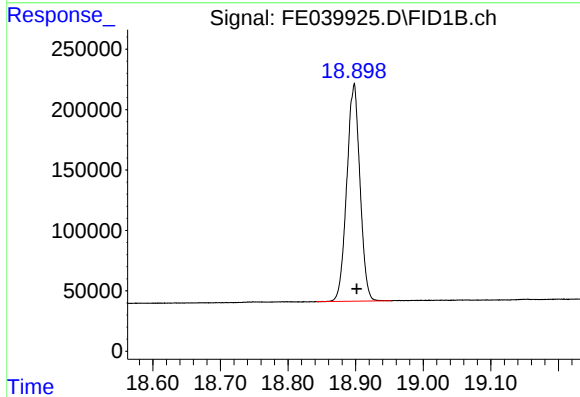
#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.004 min
Response: 2470919
Conc: 18.98 ug/ml



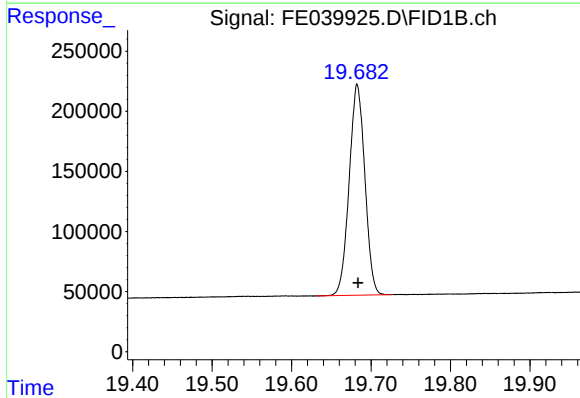
#17 n-Tricontane (C30)

R.T.: 18.065 min
Delta R.T.: -0.004 min
Response: 2439994
Conc: 19.13 ug/ml



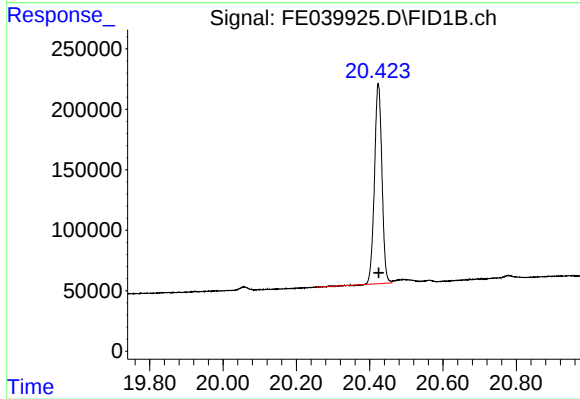
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.004 min
Response: 2443112
Conc: 19.33 ug/ml



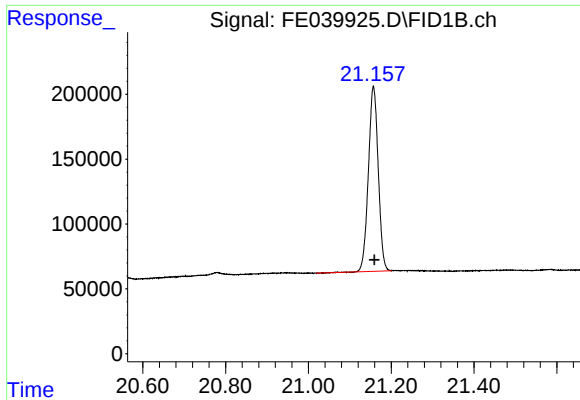
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.001 min
Response: 2402442
Conc: 19.44 ug/ml



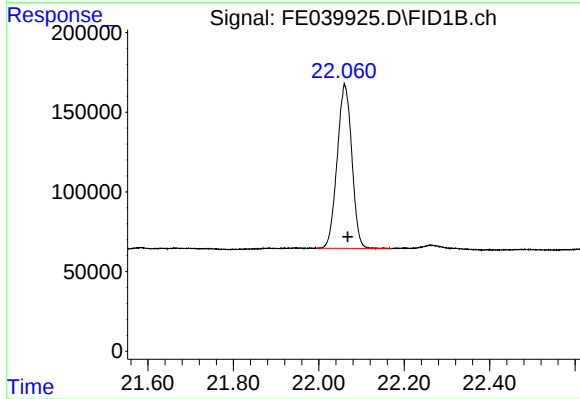
#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.002 min
Response: 2338204
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: -0.002 min
Response: 2349771
Conc: 19.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: -0.008 min
Response: 2450998
Conc: 20.19 ug/ml