

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121722AL\
 Data File : FE039371.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2022 08:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 17 15:14:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.937	3005665	20.141 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
12) S 1-chlorooctadecane (S...	13.373	2319459	20.152 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.330	2547250	19.707 ug/ml
2) T n-Decane (C10)	4.580	2545587	19.978 ug/ml
3) T A~Naphthalene (C11.7)	6.283	2924871	20.233 ug/ml
4) T n-Dodecane (C12)	6.743	2590931	19.957 ug/ml
5) T A~2-methylnaphthalene...	7.378	2742489	20.250 ug/ml
6) T n-Tetradecane (C14)	8.569	2647221	19.977 ug/ml
7) T n-Hexadecane (C16)	10.177	2755340	20.028 ug/ml
8) T n-Octadecane (C18)	11.619	2813508	20.088 ug/ml
10) T n-Eicosane (C20)	12.928	2739665	20.070 ug/ml
11) T n-Heneicosane (C21)	13.540	2742103	20.105 ug/ml
13) T n-Docosane (C22)	14.126	2707784	20.017 ug/ml
14) T n-Tetracosane (C24)	15.229	2652999	19.763 ug/ml
15) T n-Hexacosane (C26)	16.251	2573520	19.764 ug/ml
16) T n-Octacosane (C28)	17.200	2568041	19.953 ug/ml
17) T n-Tricontane (C30)	18.089	2653664	20.611 ug/ml
18) T n-Dotriacontane (C32)	18.922	2706691	20.901 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2607704	20.669 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2422691	20.036 ug/ml
21) T n-Octatriacontane (C38)	21.187	2412250	19.533 ug/ml
22) T n-Tetracontane (C40)	22.101	2420455	19.274 ug/ml

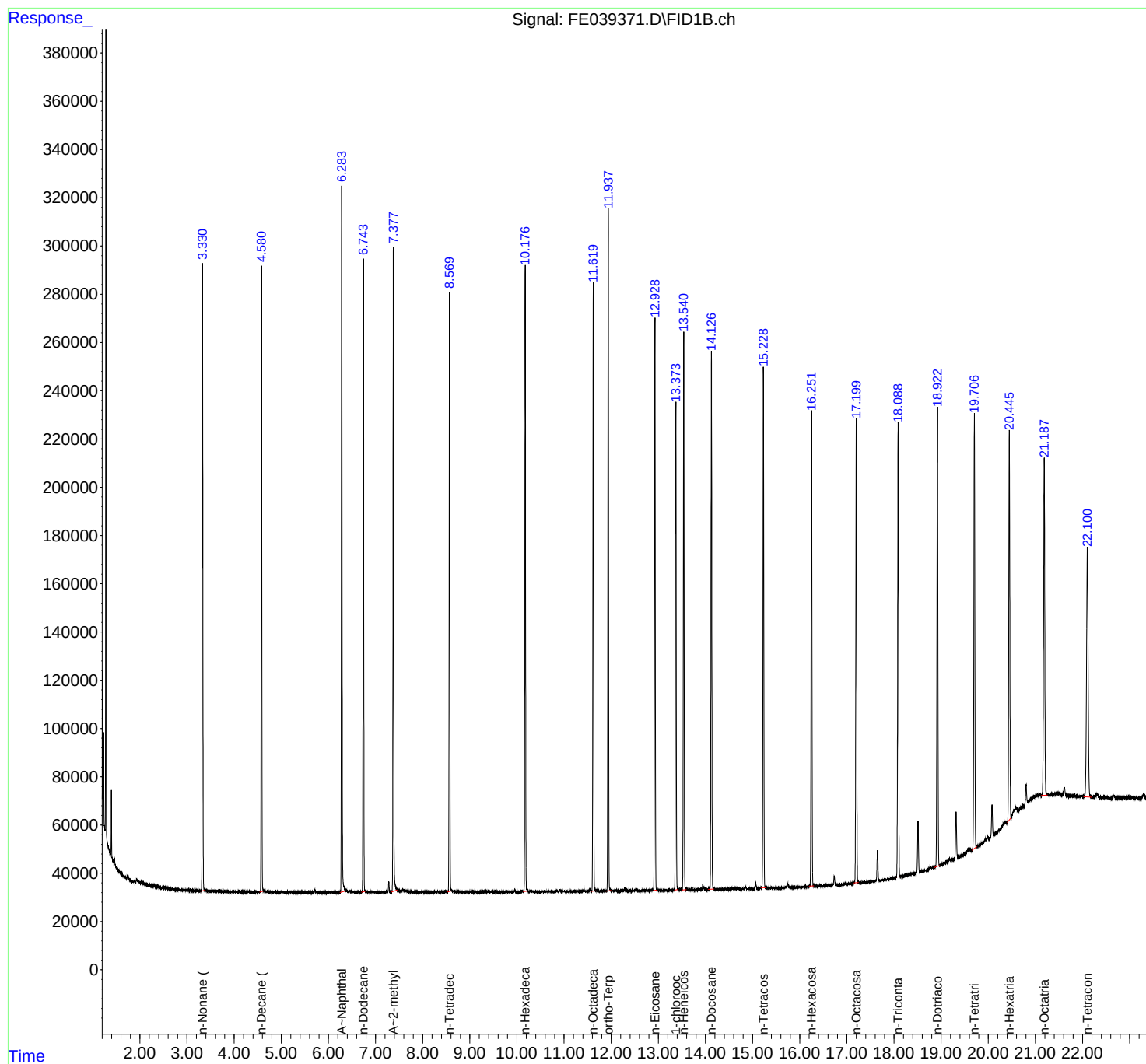
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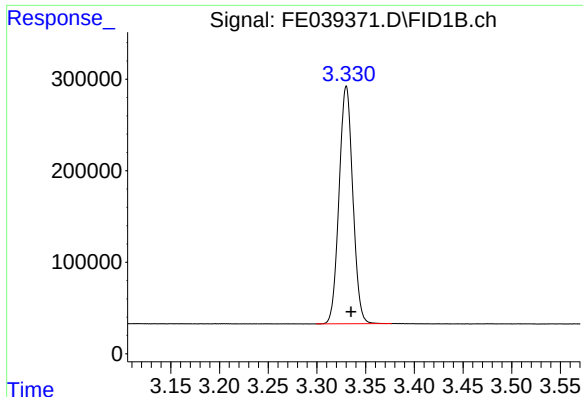
(m)=manual int.

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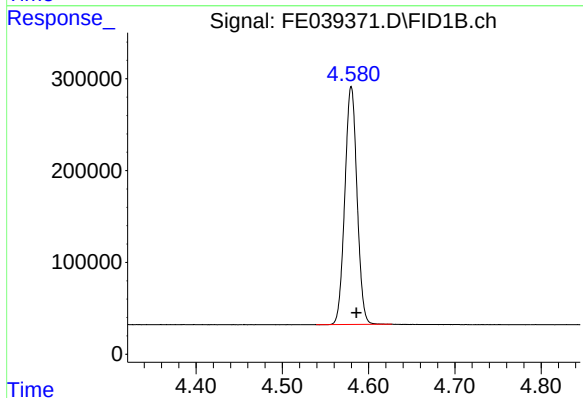
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Signal Info : 20M x 0.18mm x 0.18um





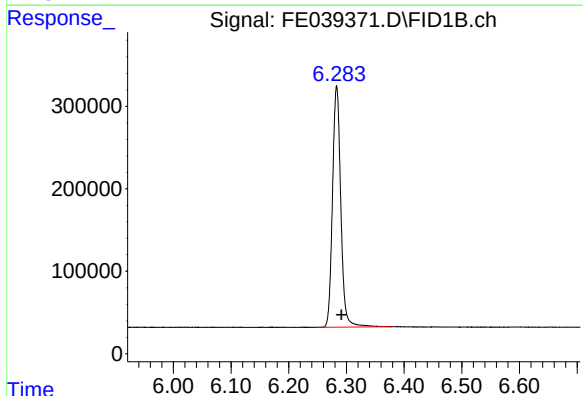
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 2547250
Conc: 19.71 ug/ml



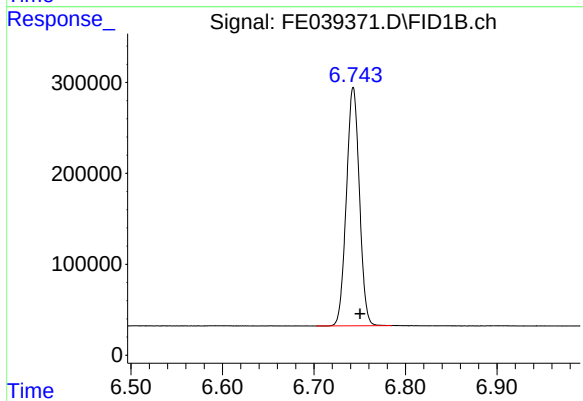
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.006 min
Response: 2545587
Conc: 19.98 ug/ml



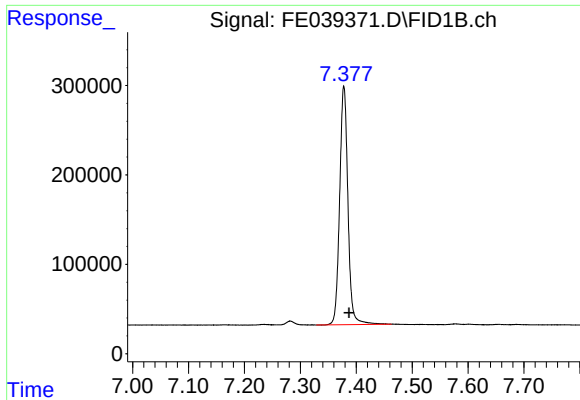
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.008 min
Response: 2924871
Conc: 20.23 ug/ml



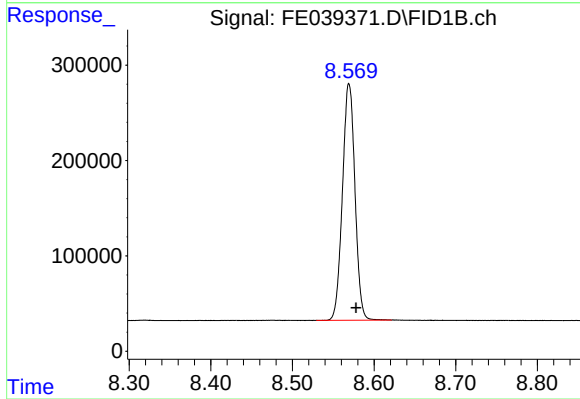
#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: -0.007 min
Response: 2590931
Conc: 19.96 ug/ml



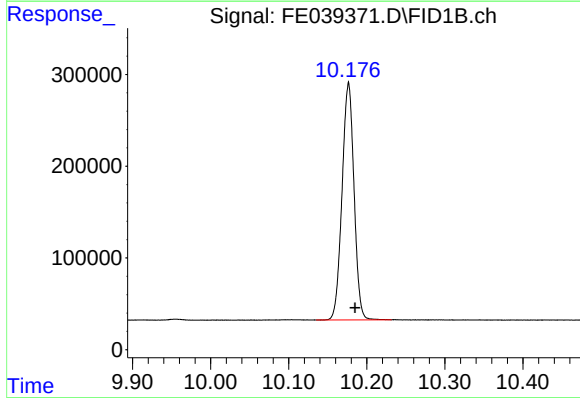
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 2742489
Conc: 20.25 ug/ml



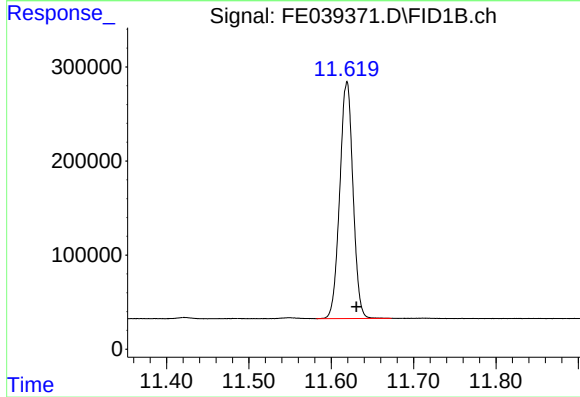
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.009 min
Response: 2647221
Conc: 19.98 ug/ml



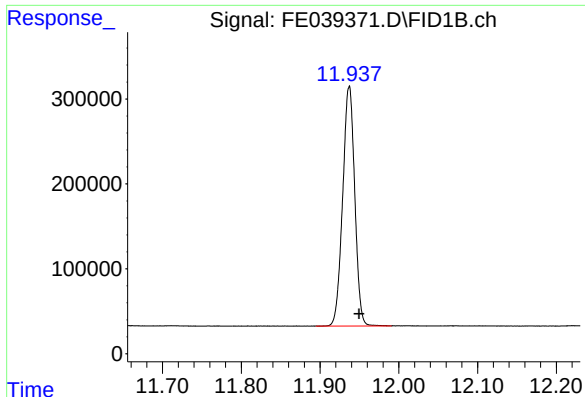
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: -0.008 min
Response: 2755340
Conc: 20.03 ug/ml



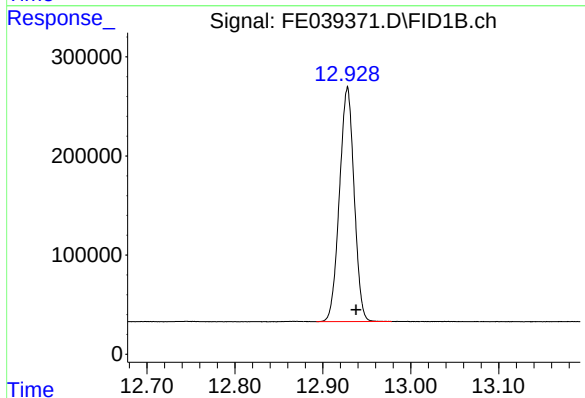
#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.011 min
Response: 2813508
Conc: 20.09 ug/ml



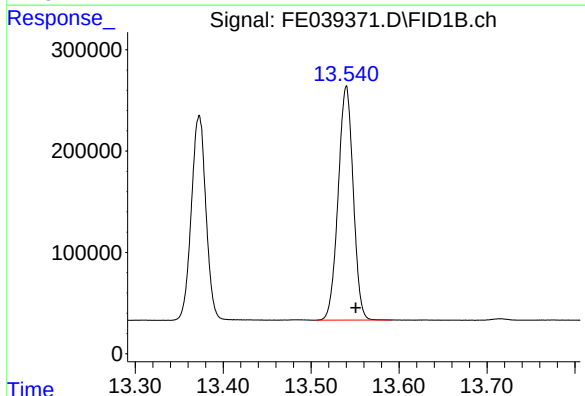
#9 ortho-Terphenyl (SURR)

R.T.: 11.937 min
Delta R.T.: -0.013 min
Response: 3005665
Conc: 20.14 ug/ml



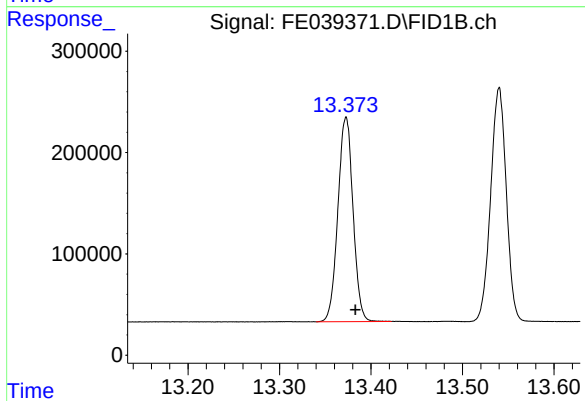
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.010 min
Response: 2739665
Conc: 20.07 ug/ml



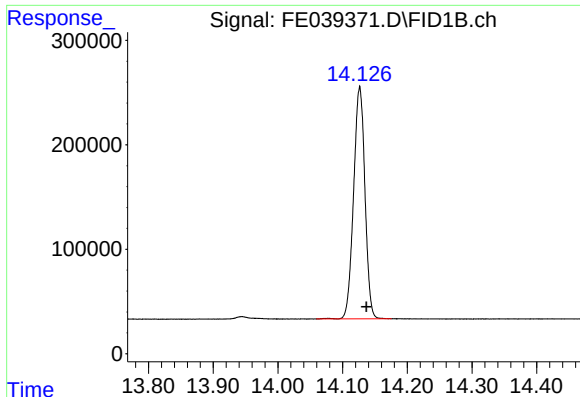
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: -0.011 min
Response: 2742103
Conc: 20.10 ug/ml



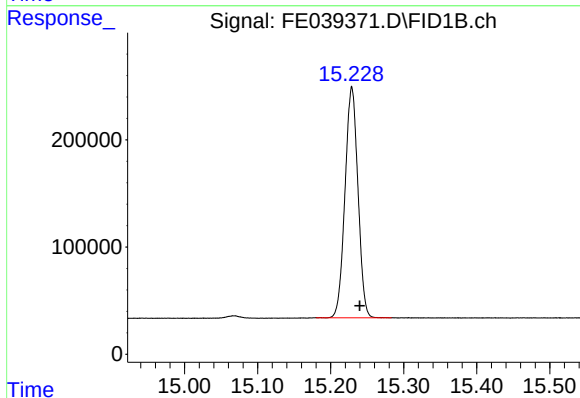
#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.010 min
Response: 2319459
Conc: 20.15 ug/ml



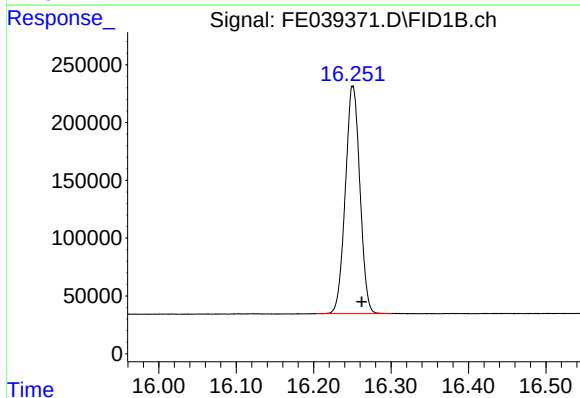
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.011 min
Response: 2707784
Conc: 20.02 ug/ml



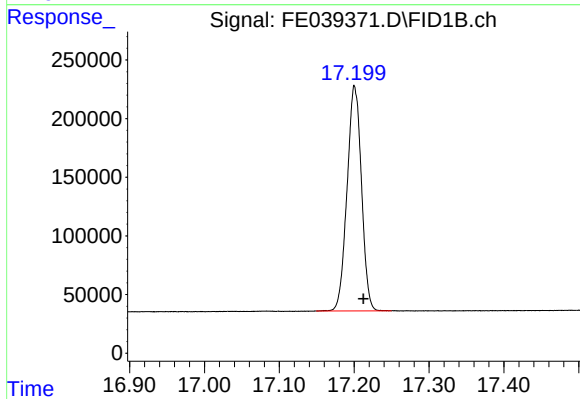
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.011 min
Response: 2652999
Conc: 19.76 ug/ml



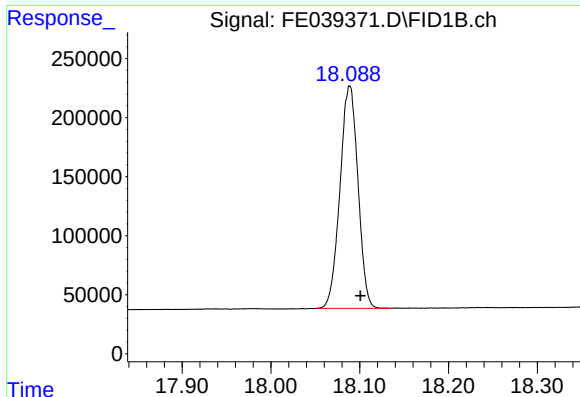
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.012 min
Response: 2573520
Conc: 19.76 ug/ml



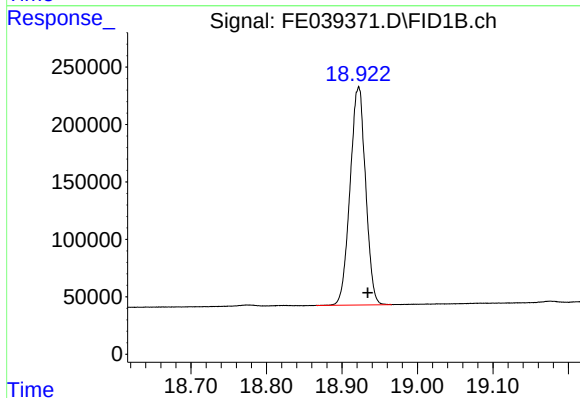
#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.012 min
Response: 2568041
Conc: 19.95 ug/ml



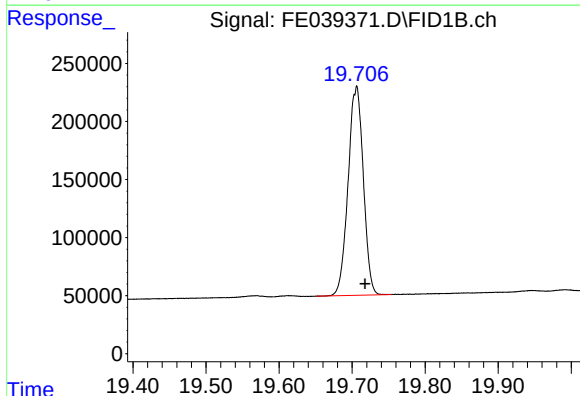
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.012 min
Response: 2653664
Conc: 20.61 ug/ml



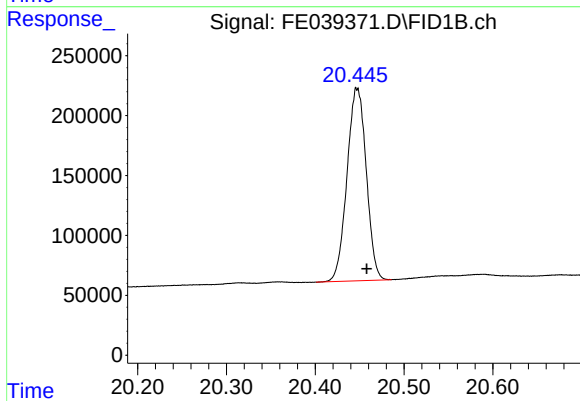
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.012 min
Response: 2706691
Conc: 20.90 ug/ml



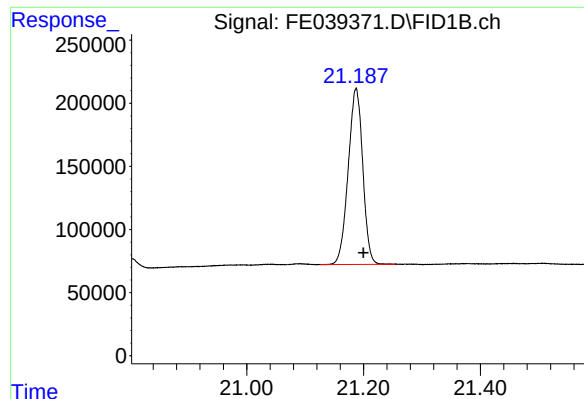
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.011 min
Response: 2607704
Conc: 20.67 ug/ml



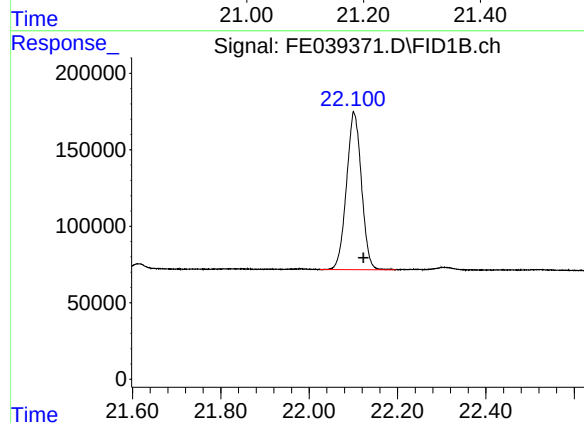
#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: -0.011 min
Response: 2422691
Conc: 20.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.013 min
Response: 2412250
Conc: 19.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.022 min
Response: 2420455
Conc: 19.27 ug/ml