

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012323AL\
 Data File : FE039957.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2023 09:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 01:27:49 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)	11.913	3330816	21.690 ug/ml
Spiked Amount 50.000		Recovery =	43.38%
12) S 1-chlorooctadecane (S...	13.350	2470587	21.171 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
Target Compounds			
1) T n-Nonane (C9)	3.306	2945292	23.203 ug/ml
2) T n-Decane (C10)	4.555	2910784	23.439 ug/ml
3) T A~Naphthalene (C11.7)	6.257	3253715	23.072 ug/ml
4) T n-Dodecane (C12)	6.719	2936497	23.356 ug/ml
5) T A~2-methylnaphthalene...	7.353	3040905	23.217 ug/ml
6) T n-Tetradecane (C14)	8.545	2967714	23.075 ug/ml
7) T n-Hexadecane (C16)	10.153	3052994	22.630 ug/ml
8) T n-Octadecane (C18)	11.596	3097897	22.108 ug/ml
10) T n-Eicosane (C20)	12.905	3018436	21.786 ug/ml
11) T n-Heneicosane (C21)	13.518	3004814	21.533 ug/ml
13) T n-Docosane (C22)	14.104	2967784	21.381 ug/ml
14) T n-Tetracosane (C24)	15.208	2935709	21.323 ug/ml
15) T n-Hexacosane (C26)	16.229	2833943	21.234 ug/ml
16) T n-Octacosane (C28)	17.180	2788143	21.418 ug/ml
17) T n-Tricontane (C30)	18.068	2764098	21.675 ug/ml
18) T n-Dotriacontane (C32)	18.902	2863178	22.648 ug/ml
19) T n-Tetratriacontane (C34)	19.686	2802265	22.678 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2728613	23.144 ug/ml
21) T n-Octatriacontane (C38)	21.163	2555092	21.378 ug/ml
22) T n-Tetracontane (C40)	22.068	2520726	20.769 ug/ml

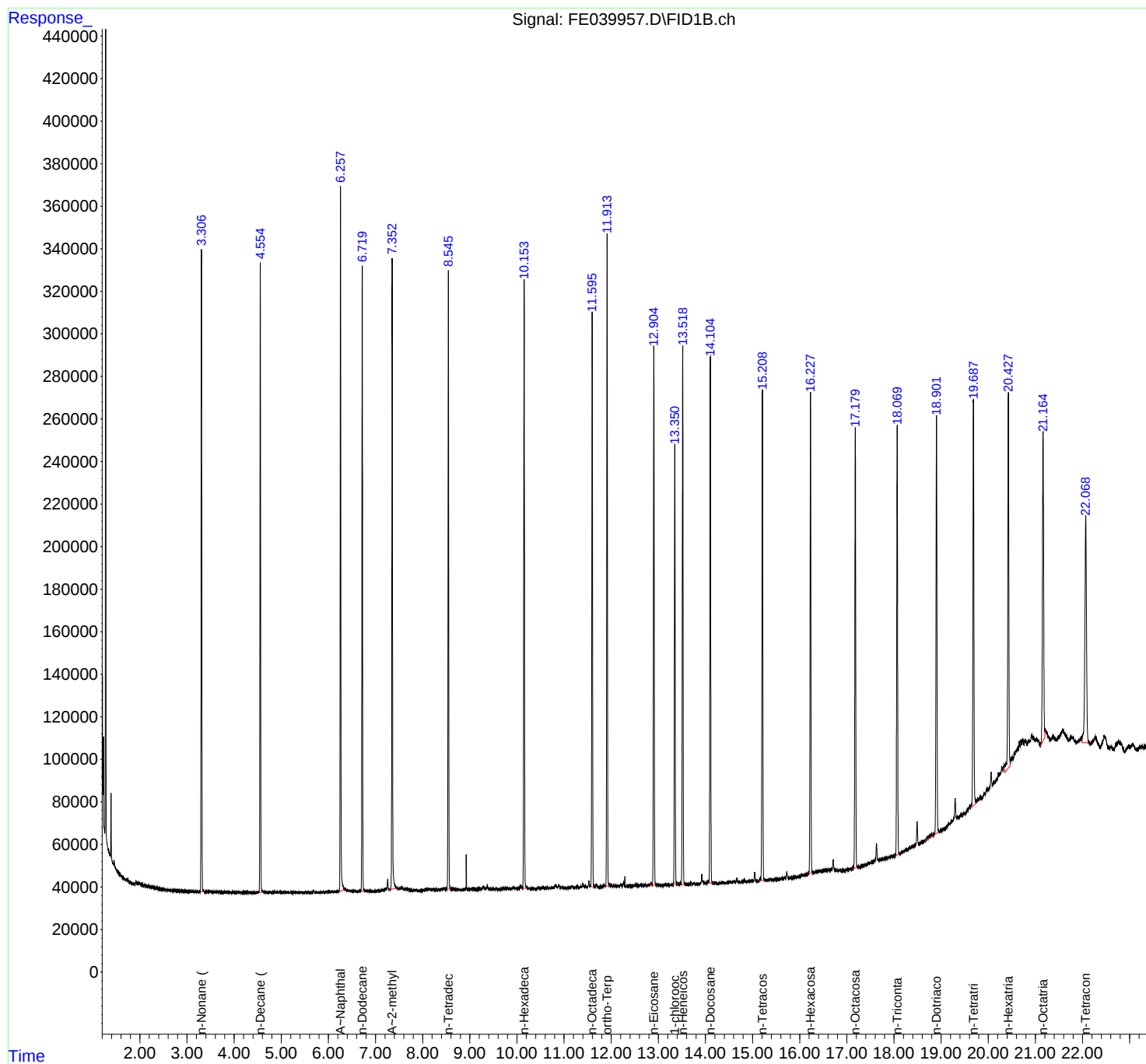
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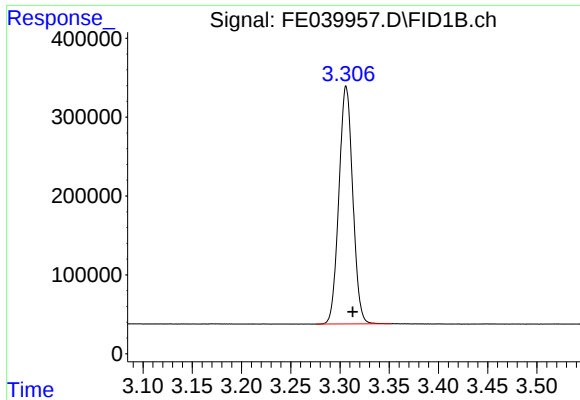
(m)=manual int.

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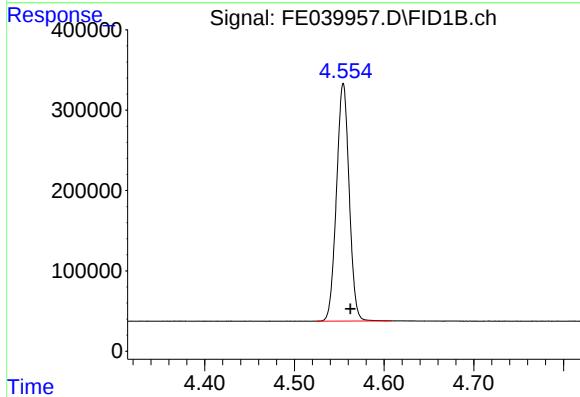
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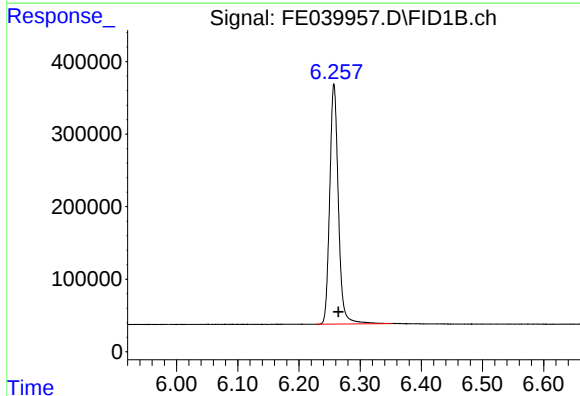
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.007 min
Response: 2945292
Conc: 23.20 ug/ml



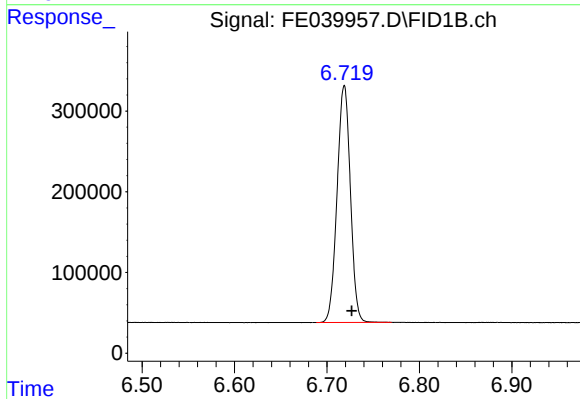
#2 n-Decane (C10)

R.T.: 4.555 min
Delta R.T.: -0.008 min
Response: 2910784
Conc: 23.44 ug/ml



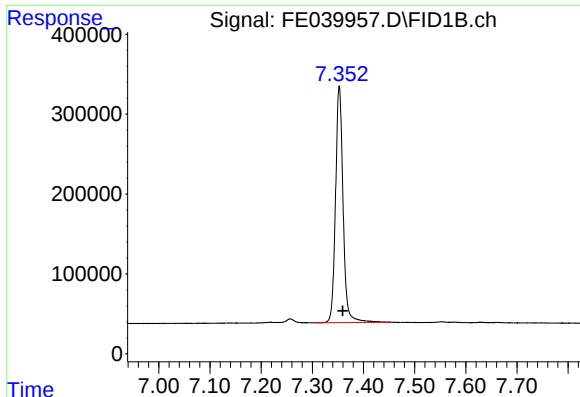
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: -0.007 min
Response: 3253715
Conc: 23.07 ug/ml



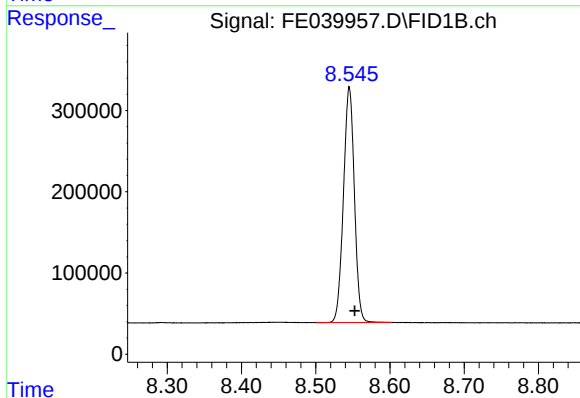
#4 n-Dodecane (C12)

R.T.: 6.719 min
Delta R.T.: -0.008 min
Response: 2936497
Conc: 23.36 ug/ml



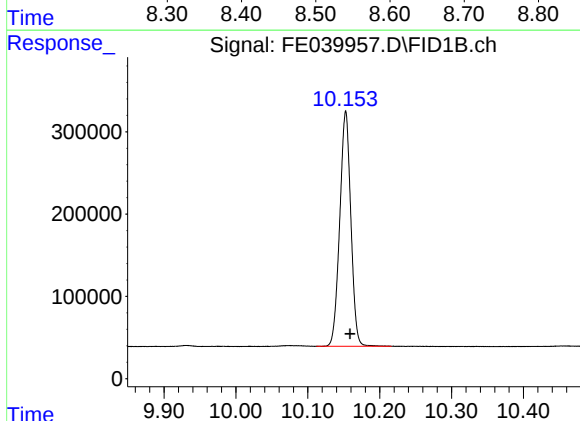
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.353 min
Delta R.T.: -0.006 min
Response: 3040905
Conc: 23.22 ug/ml



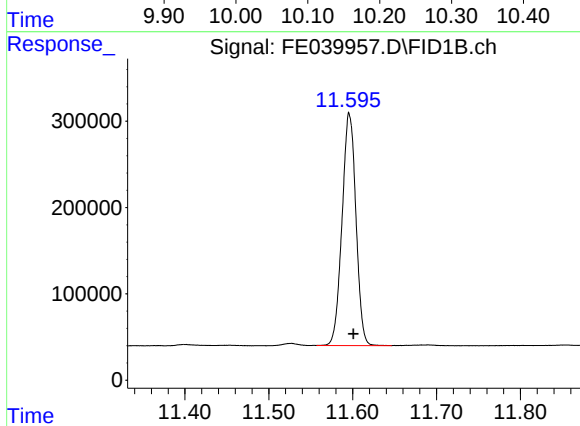
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.007 min
Response: 2967714
Conc: 23.07 ug/ml



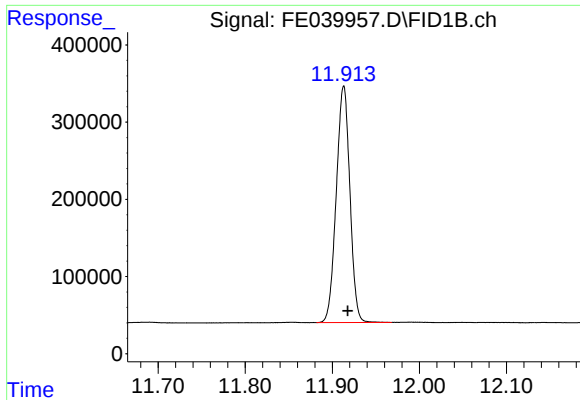
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: -0.006 min
Response: 3052994
Conc: 22.63 ug/ml



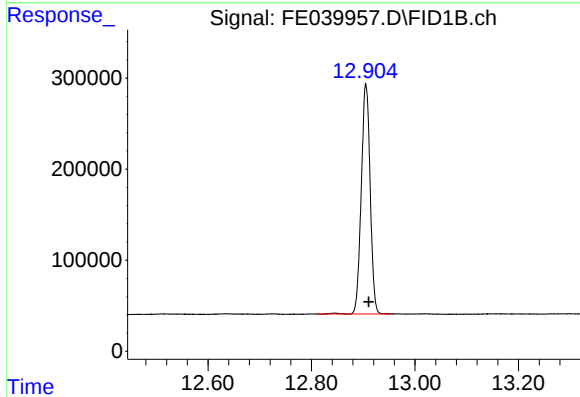
#8 n-Octadecane (C18)

R.T.: 11.596 min
Delta R.T.: -0.005 min
Response: 3097897
Conc: 22.11 ug/ml



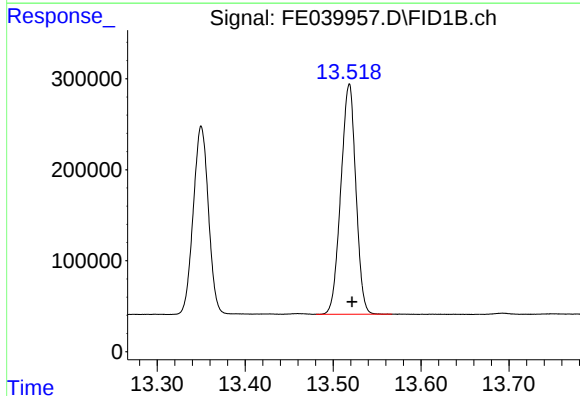
#9 ortho-Terphenyl (SURR)

R.T.: 11.913 min
Delta R.T.: -0.005 min
Response: 3330816
Conc: 21.69 ug/ml



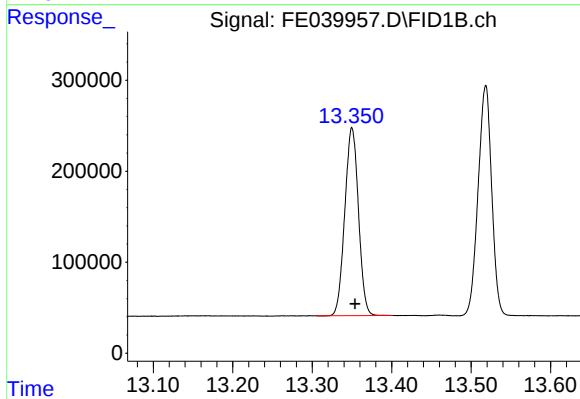
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: -0.005 min
Response: 3018436
Conc: 21.79 ug/ml



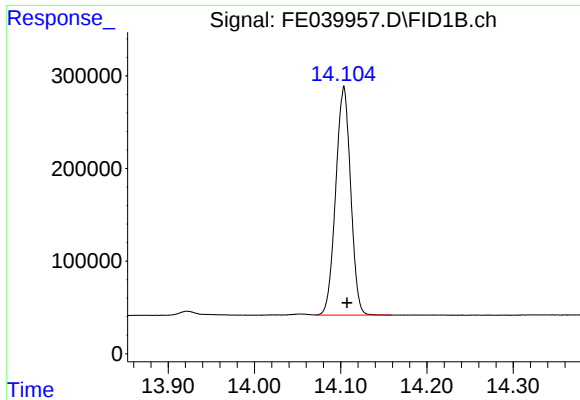
#11 n-Heneicosane (C21)

R.T.: 13.518 min
Delta R.T.: -0.003 min
Response: 3004814
Conc: 21.53 ug/ml



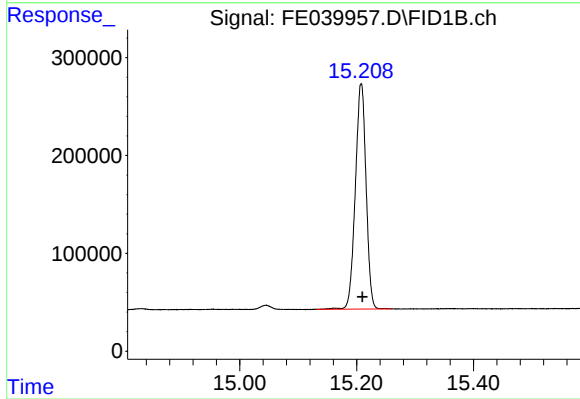
#12 1-chlorooctadecane (SURR)

R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 2470587
Conc: 21.17 ug/ml



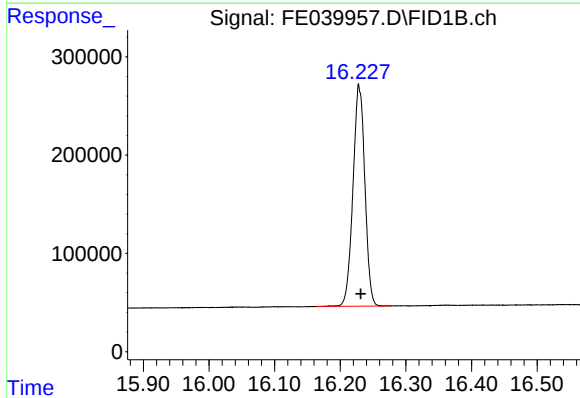
#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: -0.004 min
Response: 2967784
Conc: 21.38 ug/ml



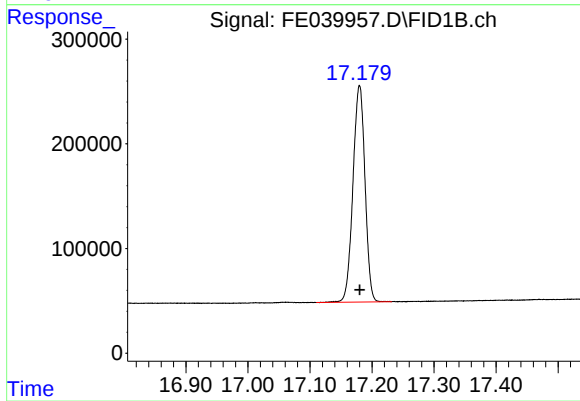
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.002 min
Response: 2935709
Conc: 21.32 ug/ml



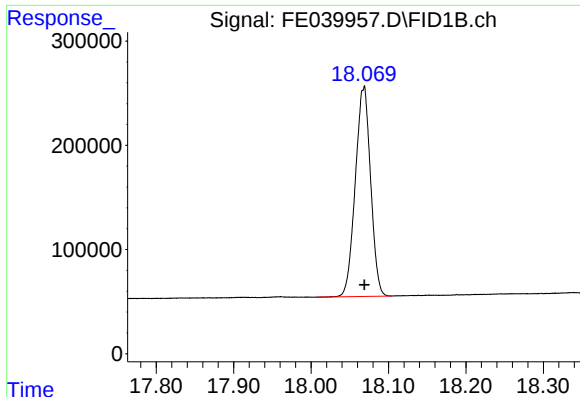
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.003 min
Response: 2833943
Conc: 21.23 ug/ml



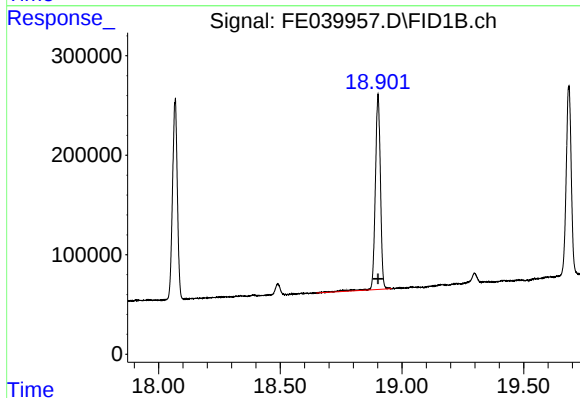
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: 0.000 min
Response: 2788143
Conc: 21.42 ug/ml



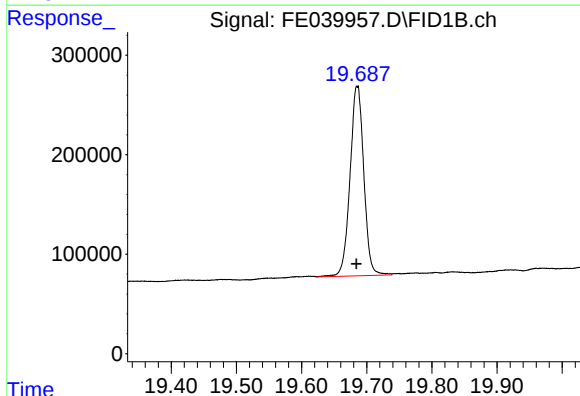
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2764098
Conc: 21.67 ug/ml



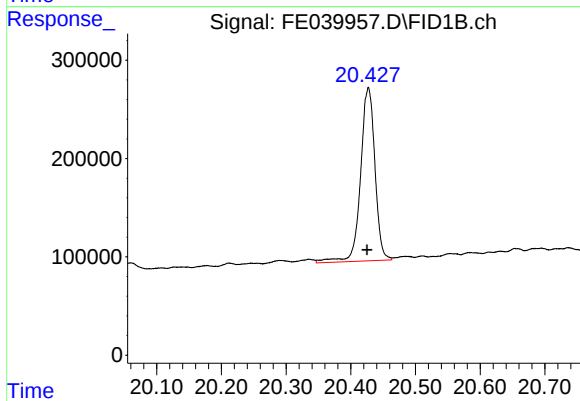
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: 0.000 min
Response: 2863178
Conc: 22.65 ug/ml



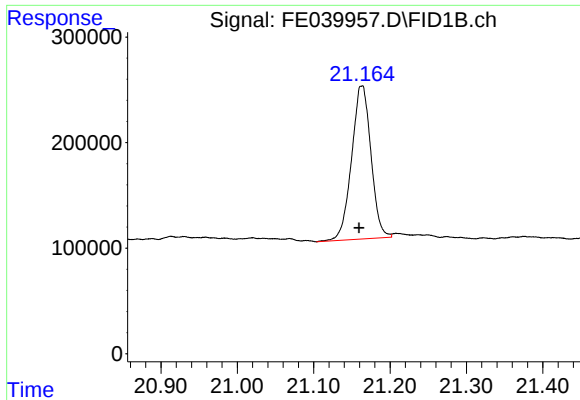
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.002 min
Response: 2802265
Conc: 22.68 ug/ml



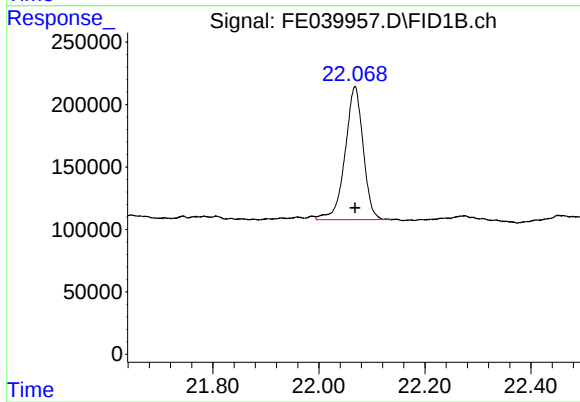
#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: 0.002 min
Response: 2728613
Conc: 23.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: 0.004 min
Response: 2555092
Conc: 21.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: 0.000 min
Response: 2520726
Conc: 20.77 ug/ml