

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011623AL\
 Data File : FE039827.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2023 09:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 17 00:55:44 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)	11.918	3353100	21.835 ug/ml
Spiked Amount 50.000		Recovery =	43.67%
12) S 1-chlorooctadecane (S...	13.355	2557222	21.913 ug/ml
Spiked Amount 50.000		Recovery =	43.83%
Target Compounds			
1) T n-Nonane (C9)	3.312	2869821	22.609 ug/ml
2) T n-Decane (C10)	4.560	2838627	22.858 ug/ml
3) T A~Naphthalene (C11.7)	6.263	3165020	22.443 ug/ml
4) T n-Dodecane (C12)	6.724	2866086	22.796 ug/ml
5) T A~2-methylnaphthalene...	7.358	2961688	22.612 ug/ml
6) T n-Tetradecane (C14)	8.550	2917086	22.681 ug/ml
7) T n-Hexadecane (C16)	10.158	3032739	22.480 ug/ml
8) T n-Octadecane (C18)	11.601	3106733	22.171 ug/ml
10) T n-Eicosane (C20)	12.910	3040062	21.942 ug/ml
11) T n-Heneicosane (C21)	13.522	3046881	21.835 ug/ml
13) T n-Docosane (C22)	14.108	3038550	21.891 ug/ml
14) T n-Tetracosane (C24)	15.211	3051457	22.163 ug/ml
15) T n-Hexacosane (C26)	16.232	2965911	22.222 ug/ml
16) T n-Octacosane (C28)	17.183	2946610	22.636 ug/ml
17) T n-Tricontane (C30)	18.072	2983233	23.393 ug/ml
18) T n-Dotriacontane (C32)	18.905	3002993	23.754 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2909640	23.547 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2626509	22.278 ug/mlm
21) T n-Octatriacontane (C38)	21.165	2604664	21.793 ug/ml
22) T n-Tetracontane (C40)	22.069	2684644	22.120 ug/mlm

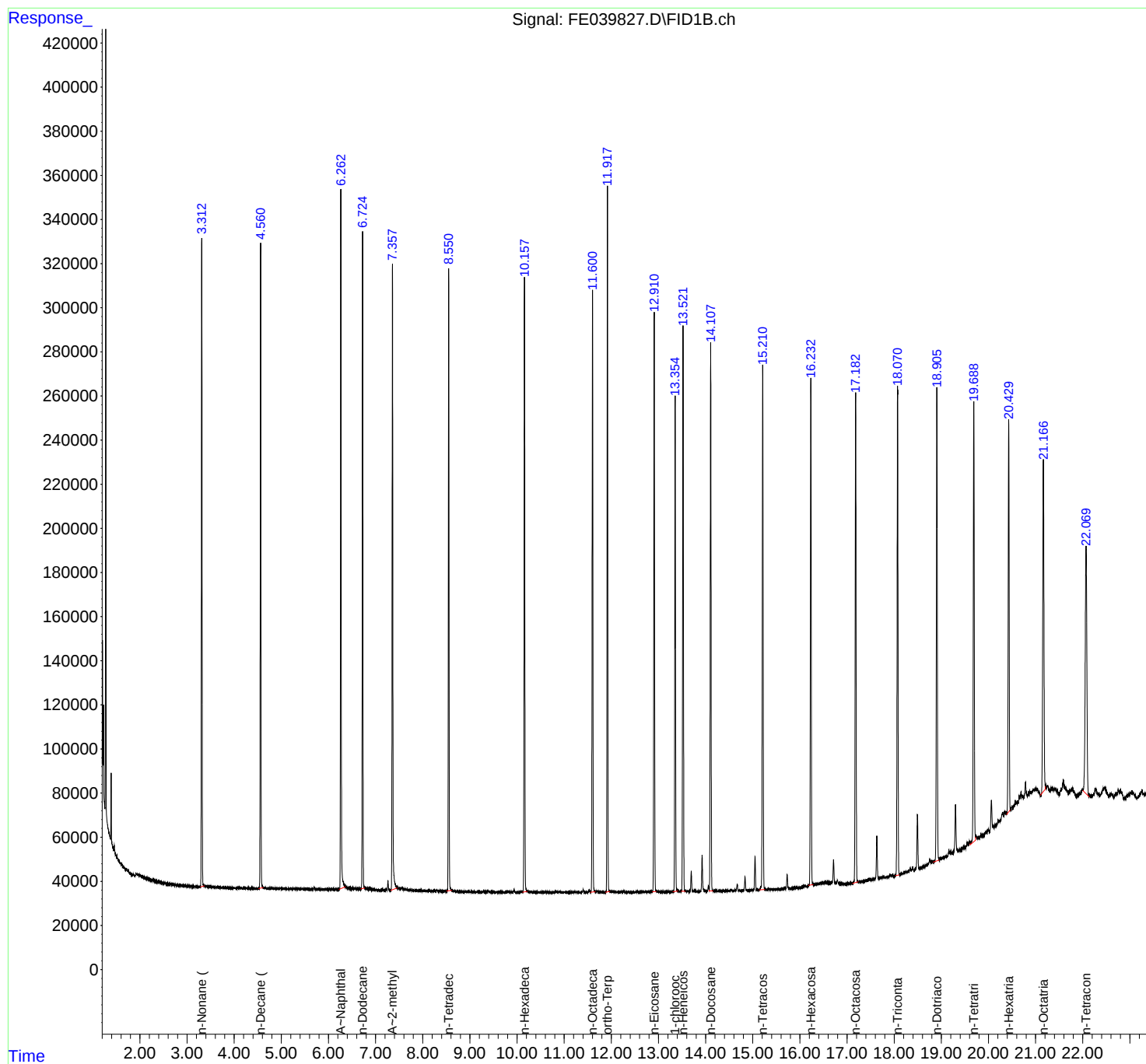
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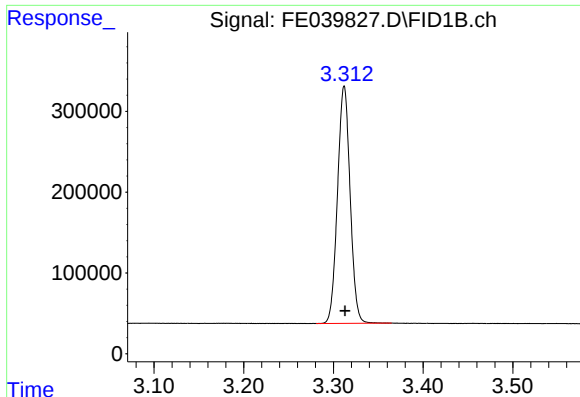
(m)=manual int.

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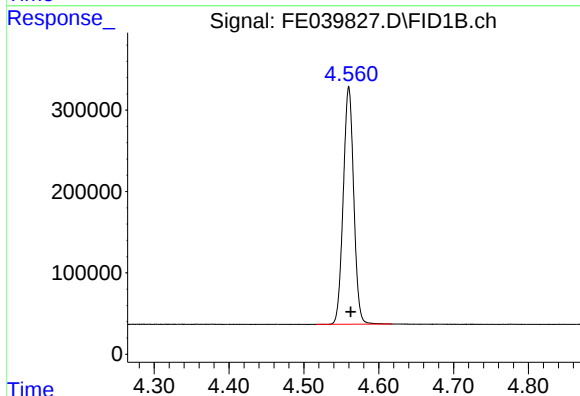
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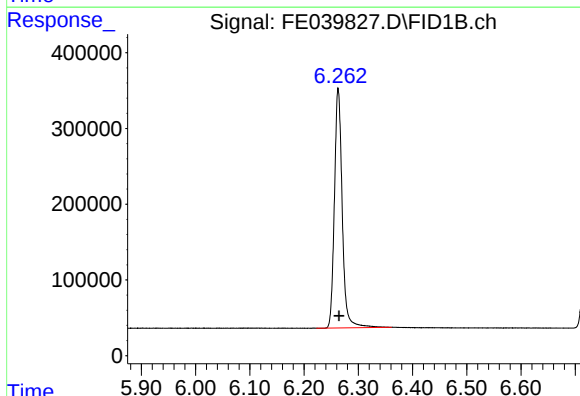
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2869821
Conc: 22.61 ug/ml



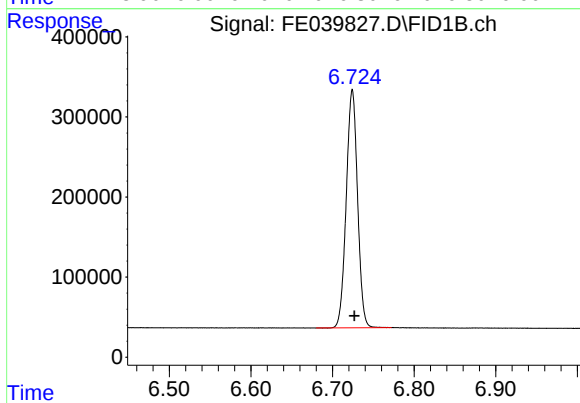
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 2838627
Conc: 22.86 ug/ml



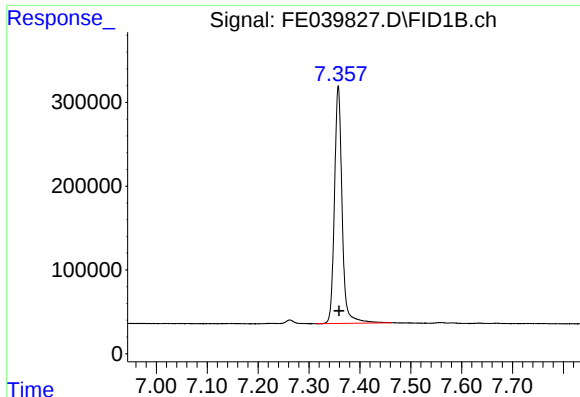
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.002 min
Response: 3165020
Conc: 22.44 ug/ml



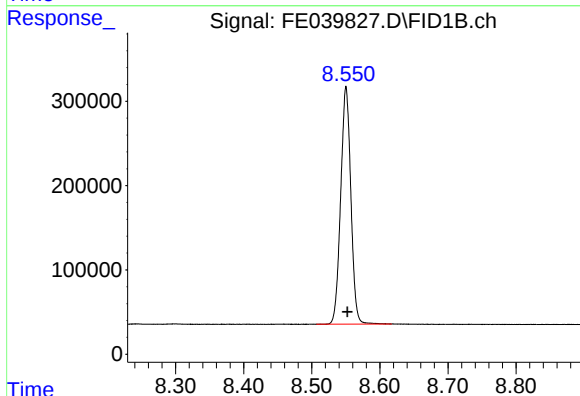
#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 2866086
Conc: 22.80 ug/ml



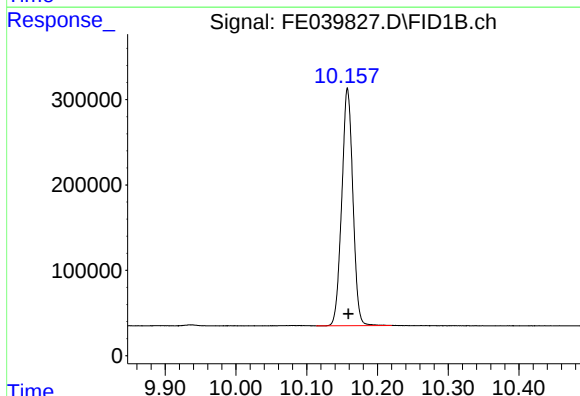
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.358 min
Delta R.T.: -0.002 min
Response: 2961688
Conc: 22.61 ug/ml



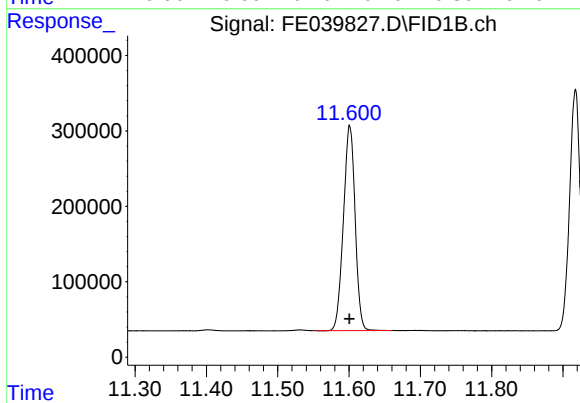
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 2917086
Conc: 22.68 ug/ml



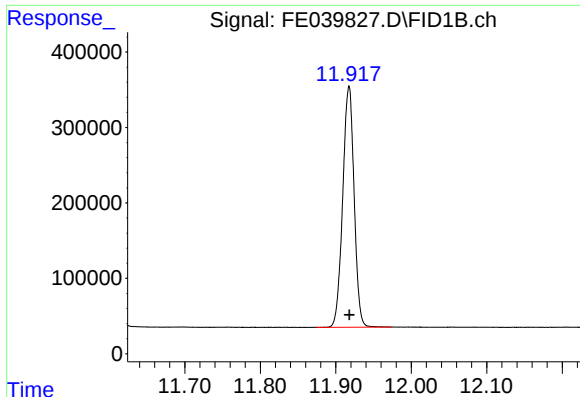
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.001 min
Response: 3032739
Conc: 22.48 ug/ml



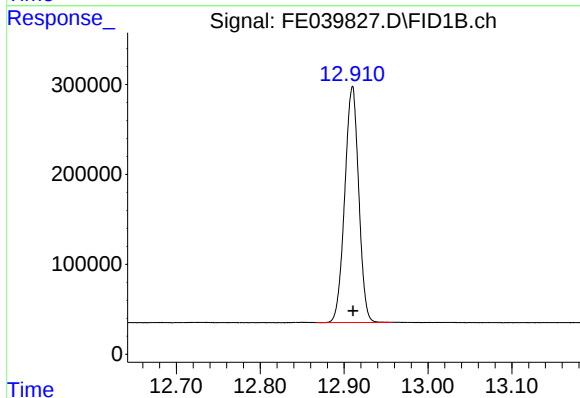
#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: 0.000 min
Response: 3106733
Conc: 22.17 ug/ml



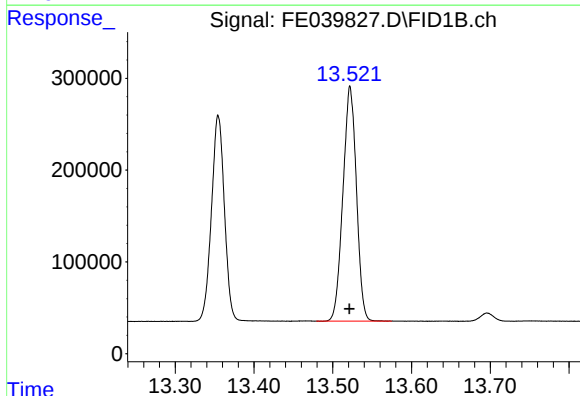
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 3353100
Conc: 21.83 ug/ml



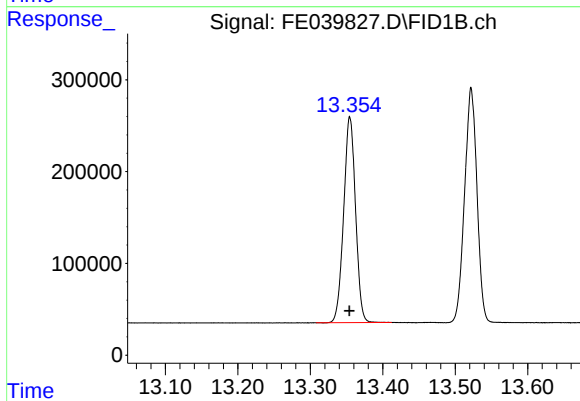
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.000 min
Response: 3040062
Conc: 21.94 ug/ml



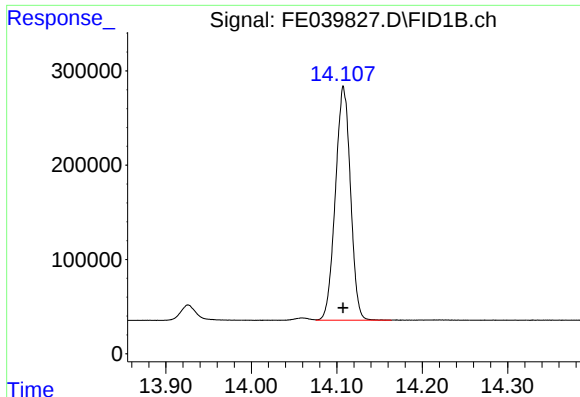
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 3046881
Conc: 21.83 ug/ml



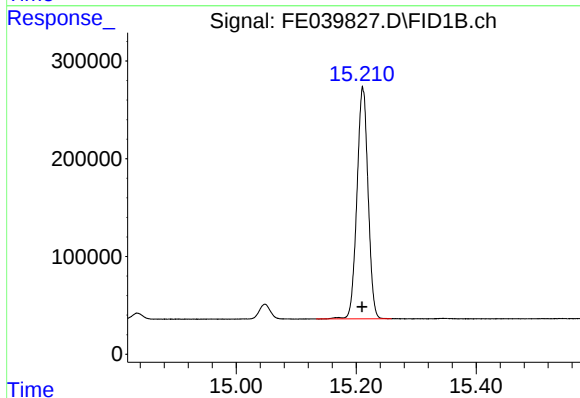
#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 2557222
Conc: 21.91 ug/ml



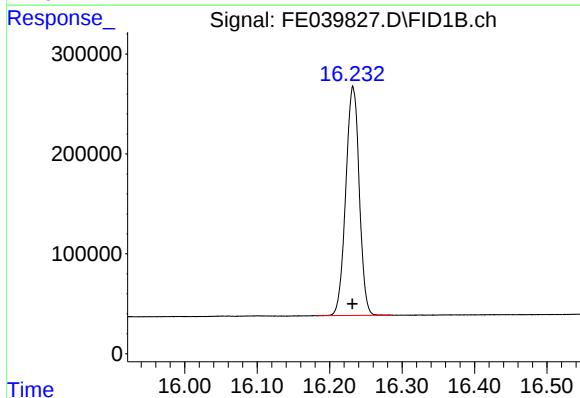
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: 0.000 min
Response: 3038550
Conc: 21.89 ug/ml



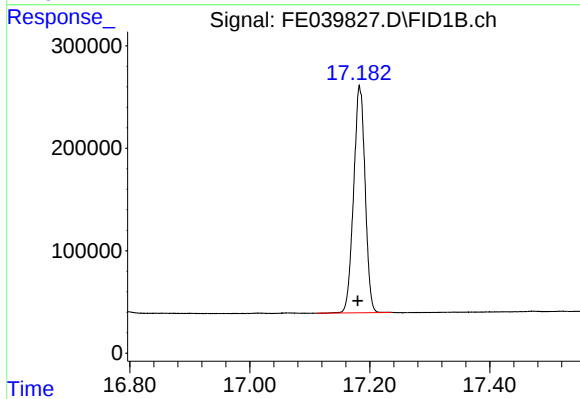
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: 0.001 min
Response: 3051457
Conc: 22.16 ug/ml



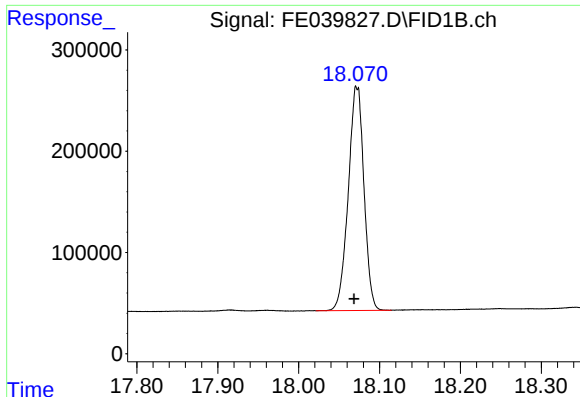
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.001 min
Response: 2965911
Conc: 22.22 ug/ml



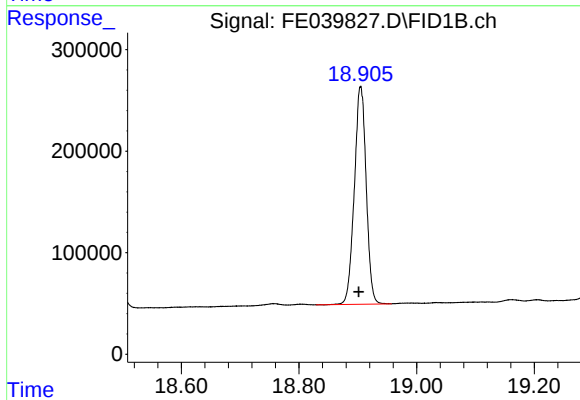
#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: 0.003 min
Response: 2946610
Conc: 22.64 ug/ml



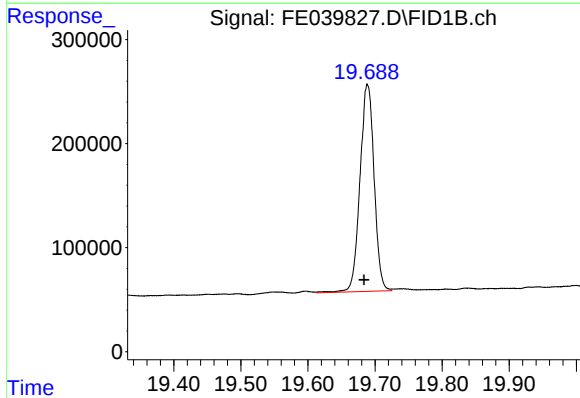
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: 0.003 min
Response: 2983233
Conc: 23.39 ug/ml



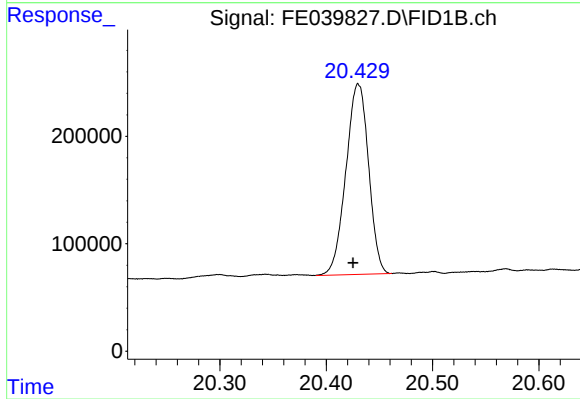
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.003 min
Response: 3002993
Conc: 23.75 ug/ml



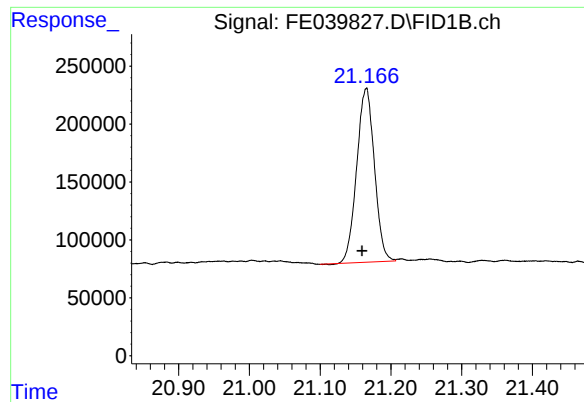
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.005 min
Response: 2909640
Conc: 23.55 ug/ml



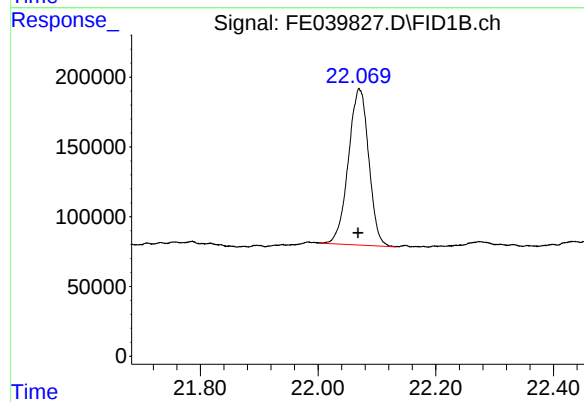
#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: 0.004 min
Response: 2626509
Conc: 22.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: 0.006 min
Response: 2604664
Conc: 21.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: 0.001 min
Response: 2684644
Conc: 22.12 ug/ml m