

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011823AL\
 Data File : FE039877.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jan 2023 13:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 00:10:38 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	3138464	20.437 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
12) S 1-chlorooctadecane (S...	13.355	2433210	20.851 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T n-Nonane (C9)	3.311	2730738	21.513 ug/ml
2) T n-Decane (C10)	4.560	2712477	21.842 ug/ml
3) T A~Naphthalene (C11.7)	6.264	3012907	21.364 ug/ml
4) T n-Dodecane (C12)	6.724	2746415	21.844 ug/ml
5) T A~2-methylnaphthalene...	7.359	2826213	21.578 ug/ml
6) T n-Tetradecane (C14)	8.551	2792753	21.714 ug/ml
7) T n-Hexadecane (C16)	10.158	2893347	21.447 ug/ml
8) T n-Octadecane (C18)	11.602	2945741	21.022 ug/ml
10) T n-Eicosane (C20)	12.911	2871306	20.724 ug/ml
11) T n-Heneicosane (C21)	13.523	2857708	20.479 ug/ml
13) T n-Docosane (C22)	14.108	2844303	20.492 ug/ml
14) T n-Tetracosane (C24)	15.212	2849826	20.699 ug/ml
15) T n-Hexacosane (C26)	16.235	2773558	20.781 ug/ml
16) T n-Octacosane (C28)	17.185	2804272	21.542 ug/ml
17) T n-Tricontane (C30)	18.074	2908711	22.809 ug/ml
18) T n-Dotriacontane (C32)	18.907	2984247	23.606 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2822456	22.841 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2849648	24.170 ug/ml
21) T n-Octatriacontane (C38)	21.167	2606676	21.810 ug/ml
22) T n-Tetracontane (C40)	22.076	2770286	22.826 ug/ml

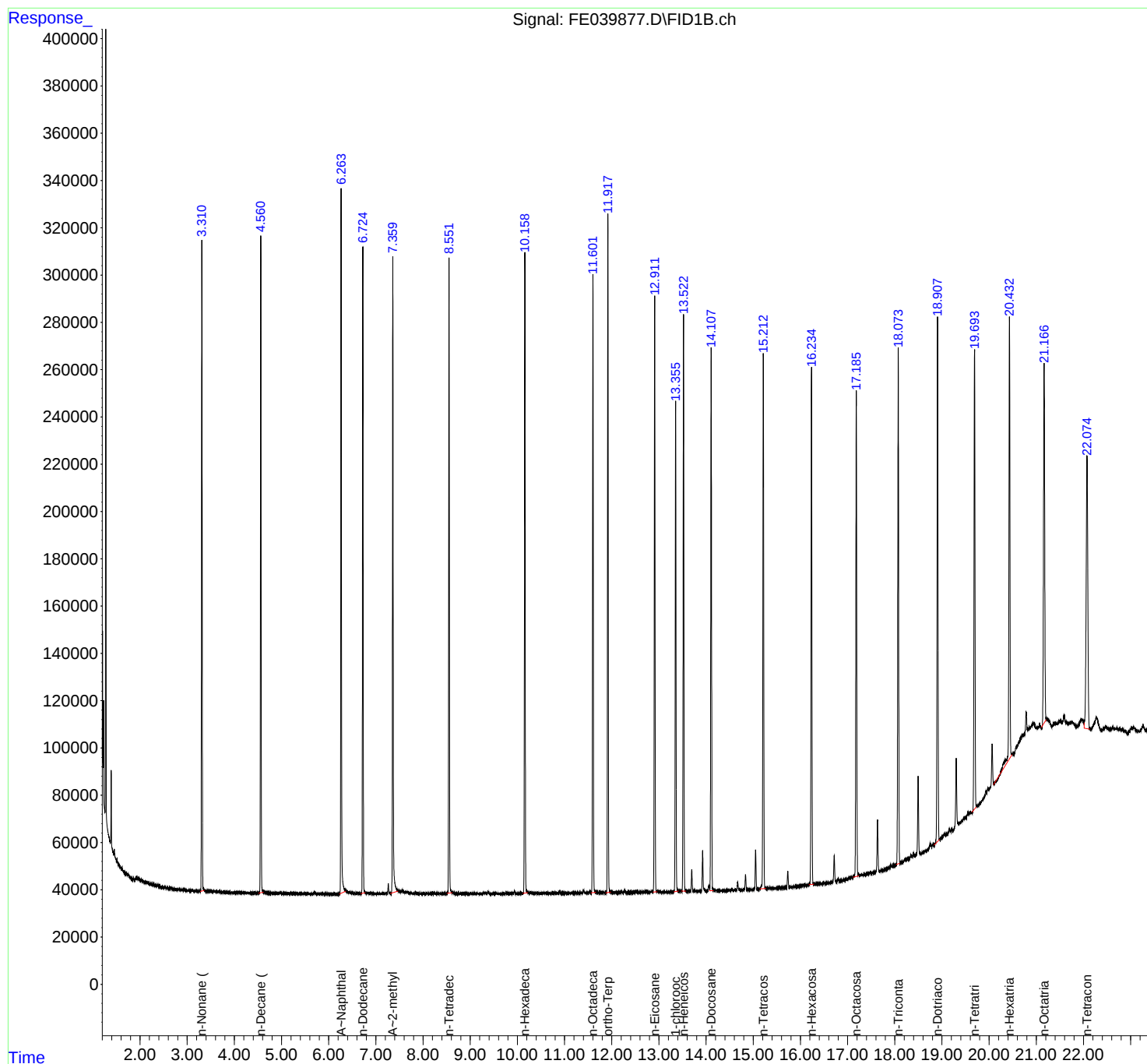
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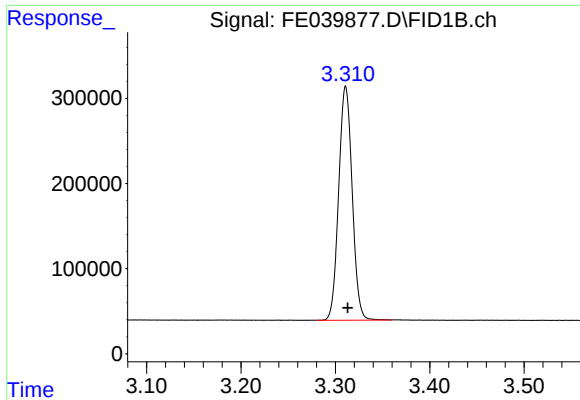
(m)=manual int.

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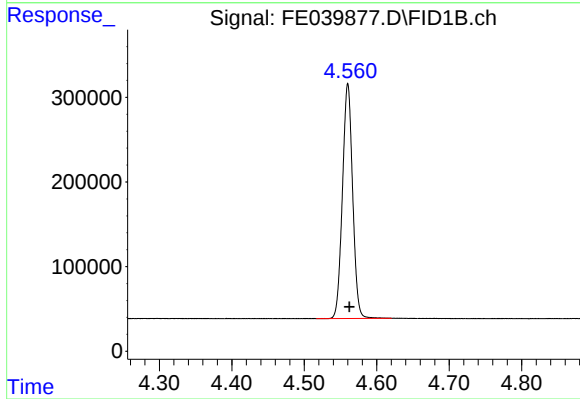
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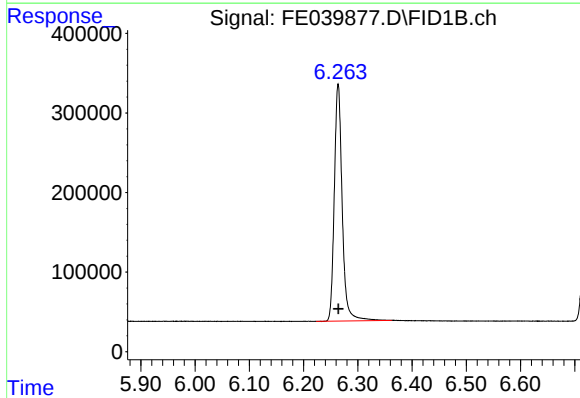
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2730738
Conc: 21.51 ug/ml



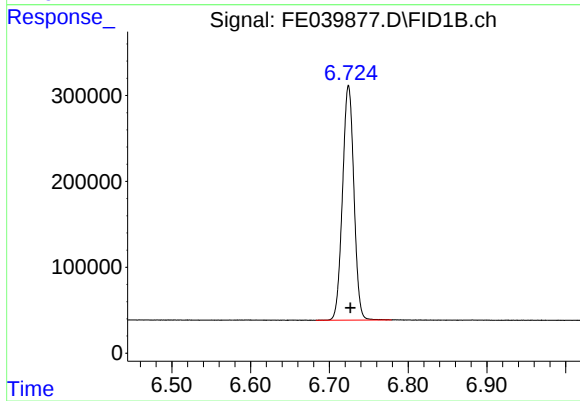
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 2712477
Conc: 21.84 ug/ml



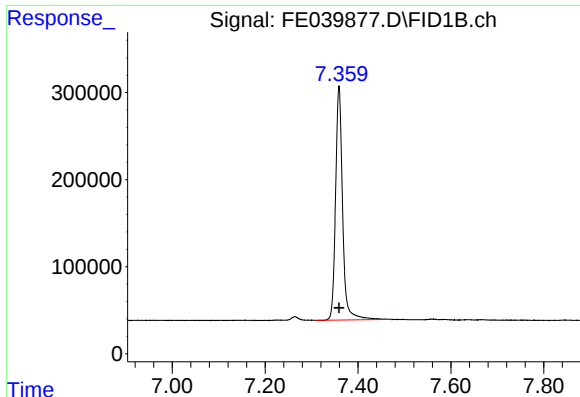
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 3012907
Conc: 21.36 ug/ml



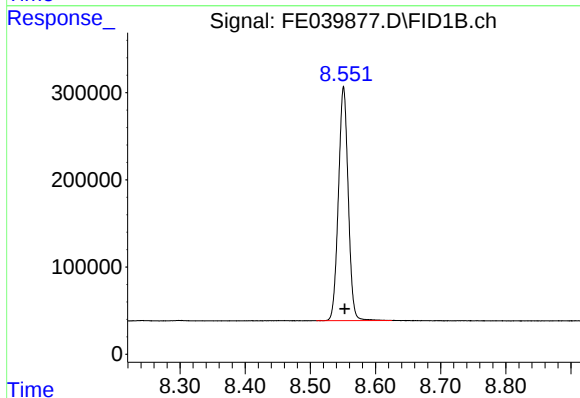
#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 2746415
Conc: 21.84 ug/ml



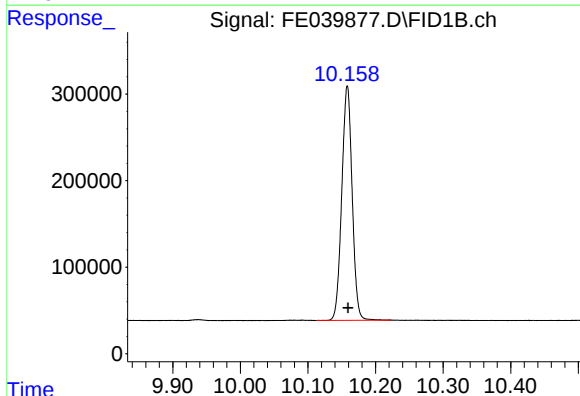
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 2826213
Conc: 21.58 ug/ml



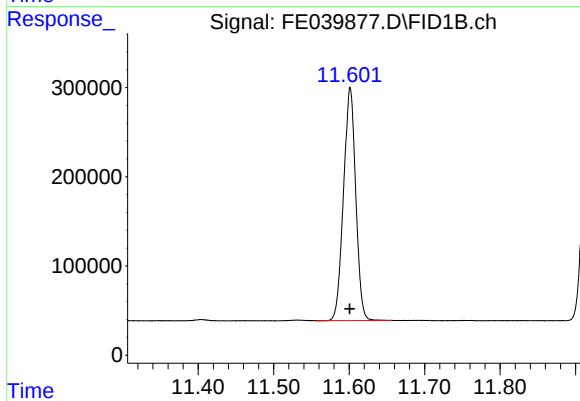
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 2792753
Conc: 21.71 ug/ml



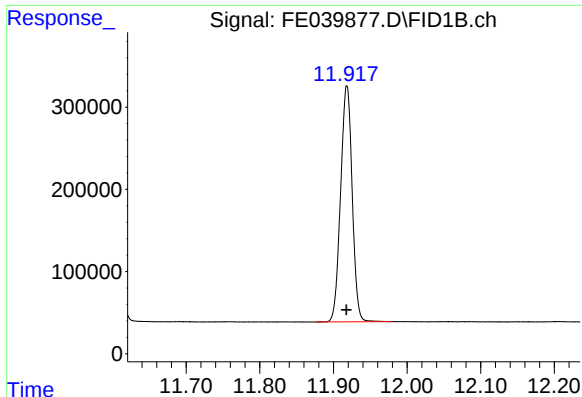
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: 0.000 min
Response: 2893347
Conc: 21.45 ug/ml



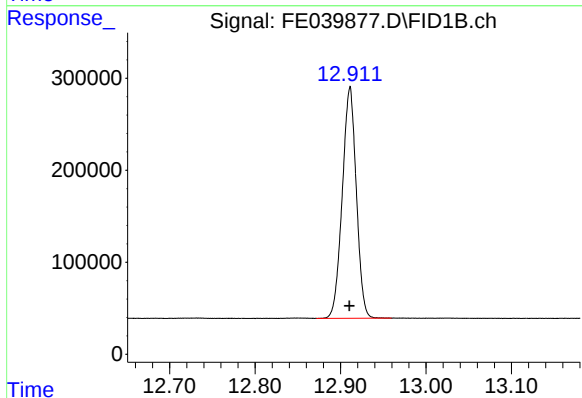
#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 2945741
Conc: 21.02 ug/ml



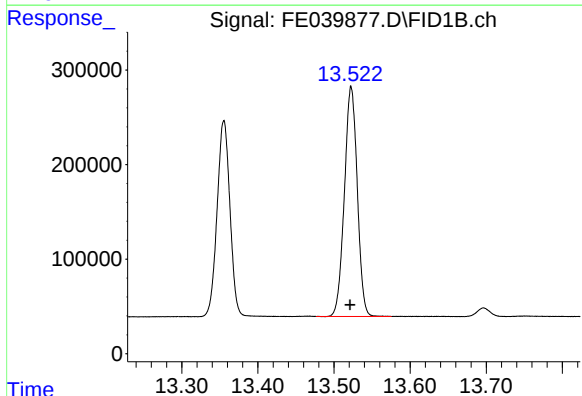
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 3138464
Conc: 20.44 ug/ml



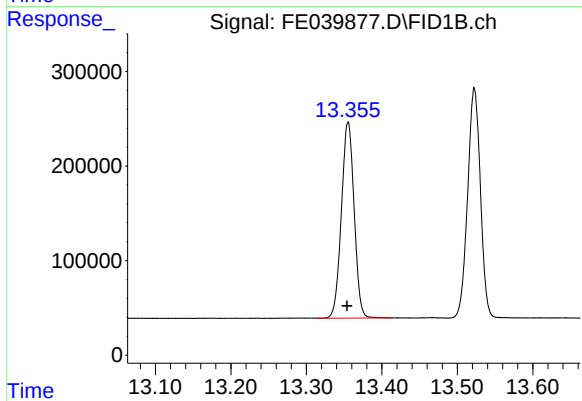
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.000 min
Response: 2871306
Conc: 20.72 ug/ml



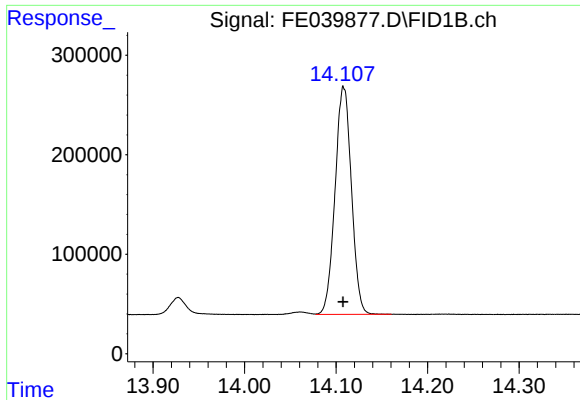
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.001 min
Response: 2857708
Conc: 20.48 ug/ml



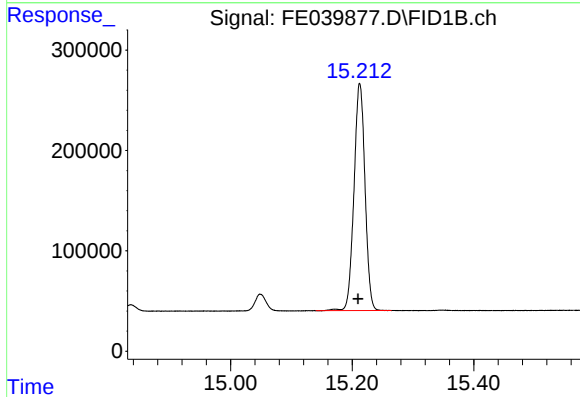
#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: 0.001 min
Response: 2433210
Conc: 20.85 ug/ml



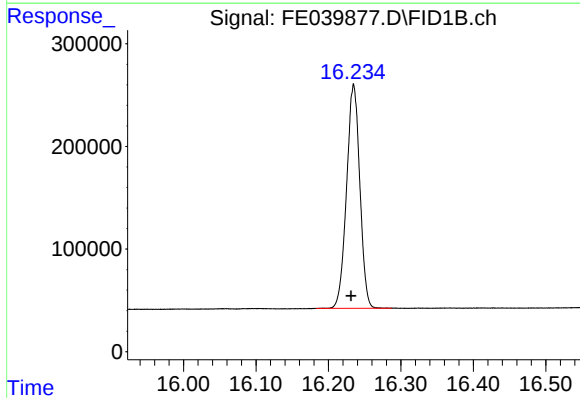
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: 0.000 min
Response: 2844303
Conc: 20.49 ug/ml



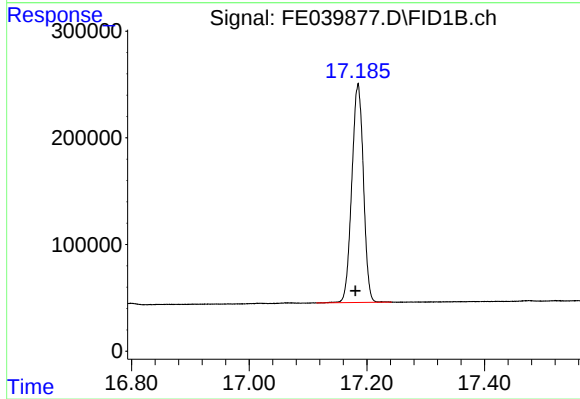
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.003 min
Response: 2849826
Conc: 20.70 ug/ml



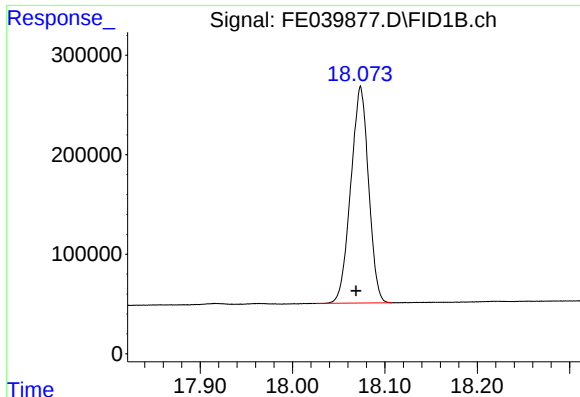
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: 0.004 min
Response: 2773558
Conc: 20.78 ug/ml



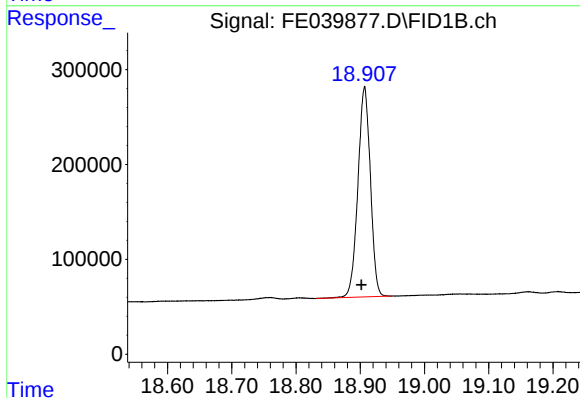
#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: 0.005 min
Response: 2804272
Conc: 21.54 ug/ml



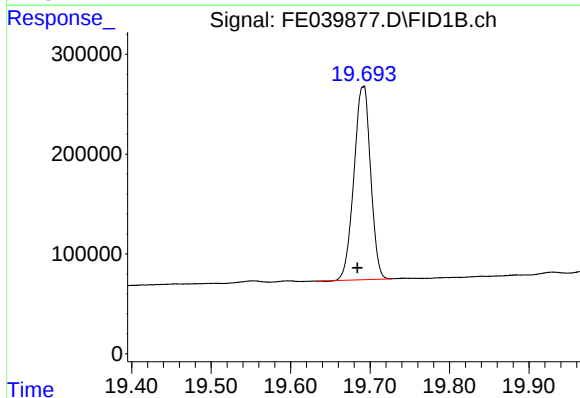
#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: 0.005 min
Response: 2908711
Conc: 22.81 ug/ml



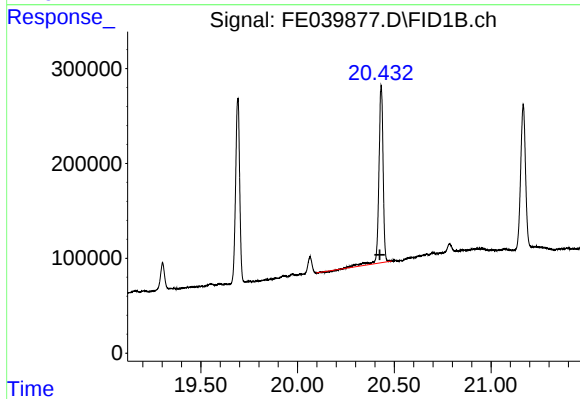
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.005 min
Response: 2984247
Conc: 23.61 ug/ml



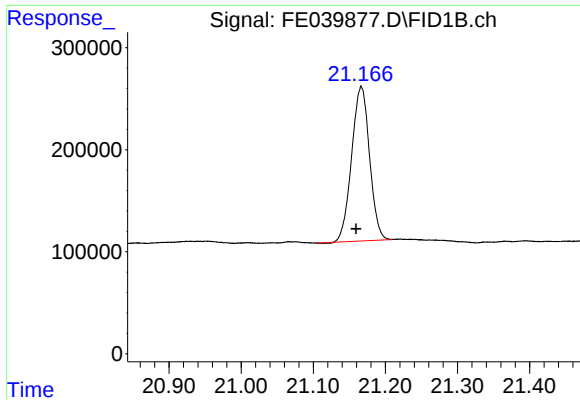
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.008 min
Response: 2822456
Conc: 22.84 ug/ml



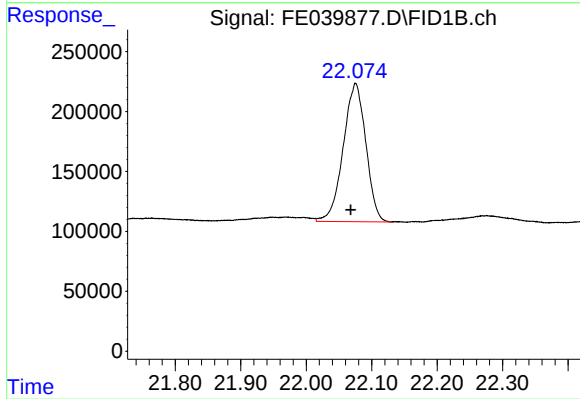
#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: 0.007 min
Response: 2849648
Conc: 24.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: 0.007 min
Response: 2606676
Conc: 21.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: 0.008 min
Response: 2770286
Conc: 22.83 ug/ml