

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011323AL\
 Data File : FE039779.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jan 2023 08:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 02:08:24 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	3038970	19.789 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
12) S 1-chlorooctadecane (S...	13.355	2349433	20.133 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T n-Nonane (C9)	3.311	2483564	19.566 ug/ml
2) T n-Decane (C10)	4.561	2443021	19.672 ug/ml
3) T A~Naphthalene (C11.7)	6.264	2798398	19.843 ug/ml
4) T n-Dodecane (C12)	6.725	2494998	19.845 ug/ml
5) T A~2-methylnaphthalene...	7.359	2645389	20.197 ug/ml
6) T n-Tetradecane (C14)	8.551	2579619	20.057 ug/ml
7) T n-Hexadecane (C16)	10.159	2706039	20.059 ug/ml
8) T n-Octadecane (C18)	11.600	2797041	19.961 ug/ml
10) T n-Eicosane (C20)	12.910	2750045	19.849 ug/ml
11) T n-Heneicosane (C21)	13.522	2768386	19.839 ug/ml
13) T n-Docosane (C22)	14.108	2751664	19.824 ug/ml
14) T n-Tetracosane (C24)	15.210	2750740	19.979 ug/ml
15) T n-Hexacosane (C26)	16.231	2665837	19.974 ug/ml
16) T n-Octacosane (C28)	17.180	2619117	20.120 ug/ml
17) T n-Tricontane (C30)	18.069	2612130	20.483 ug/ml
18) T n-Dotriacontane (C32)	18.902	2598420	20.554 ug/ml
19) T n-Tetratriacontane (C34)	19.686	2525257	20.436 ug/mlm
20) T n-Hexatriacontane (C36)	20.426	2428070	20.595 ug/mlm
21) T n-Octatriacontane (C38)	21.160	2449141	20.492 ug/mlm
22) T n-Tetracontane (C40)	22.066	2507834	20.663 ug/ml

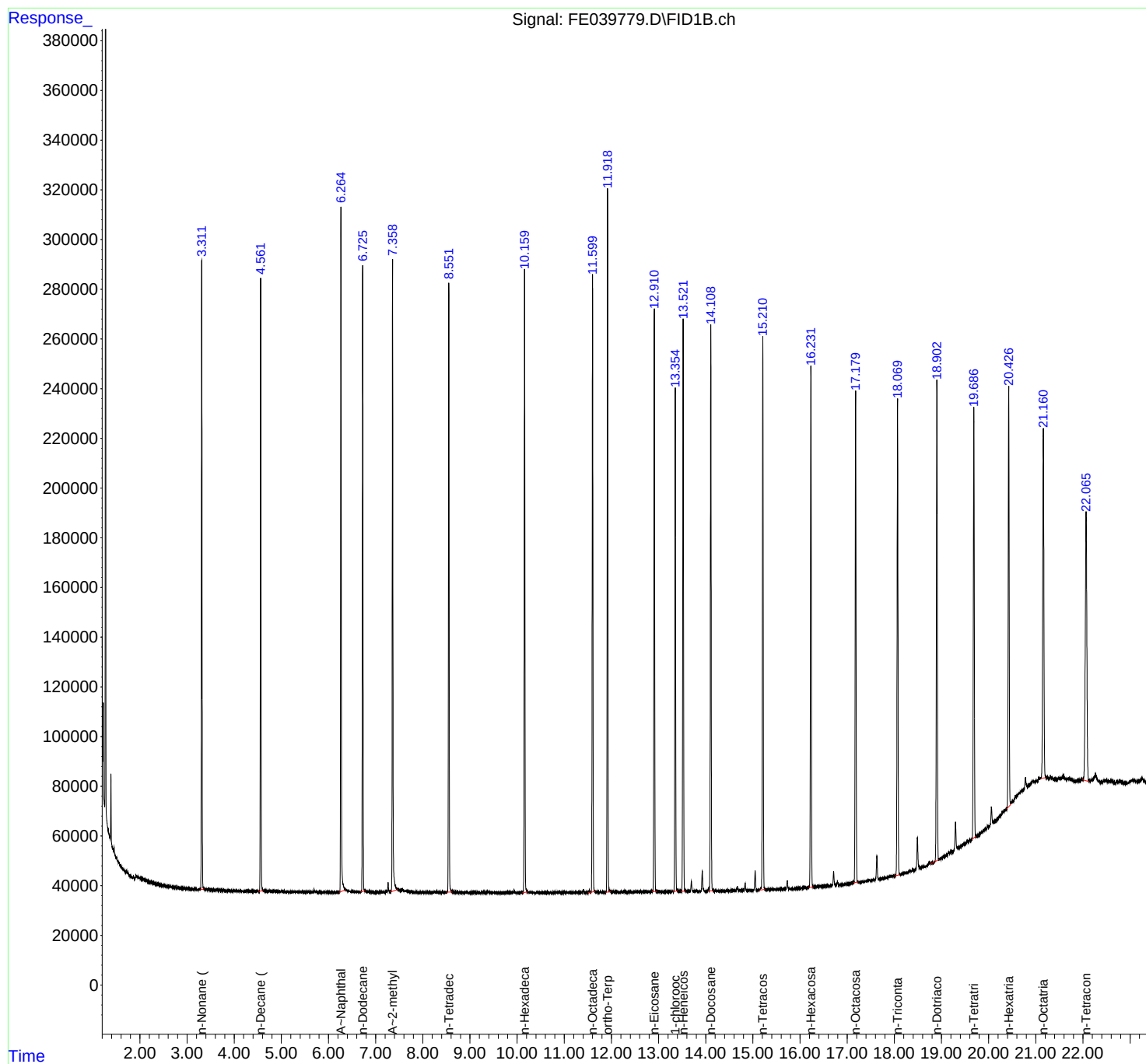
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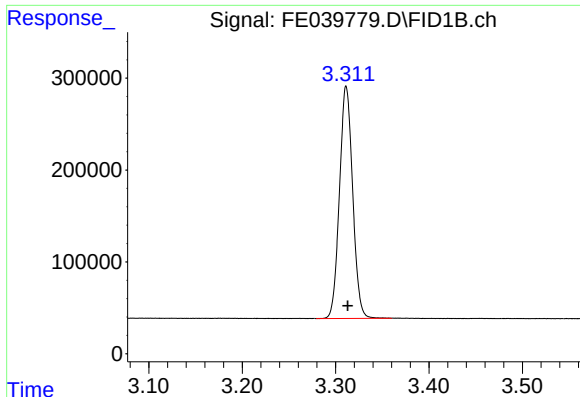
(m)=manual int.

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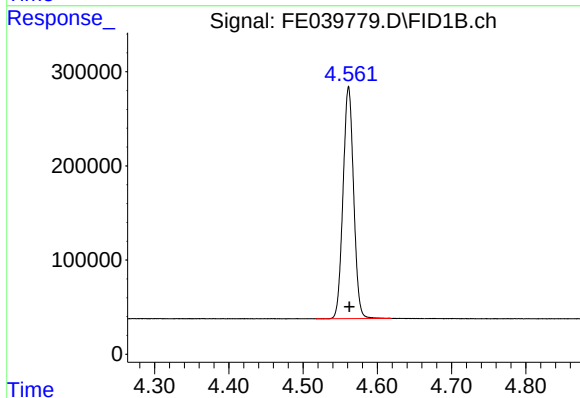
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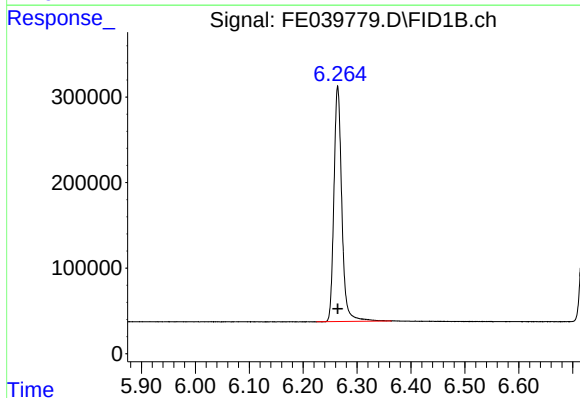
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2483564
Conc: 19.57 ug/ml



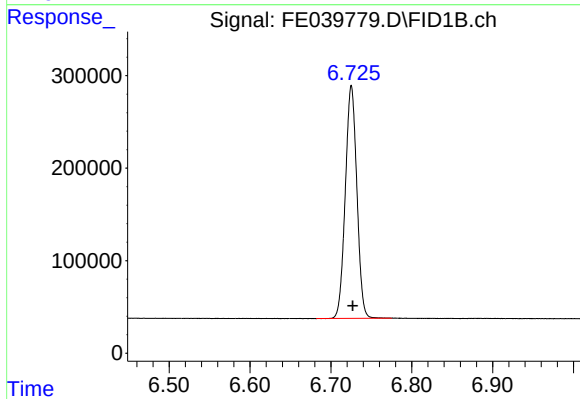
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.001 min
Response: 2443021
Conc: 19.67 ug/ml



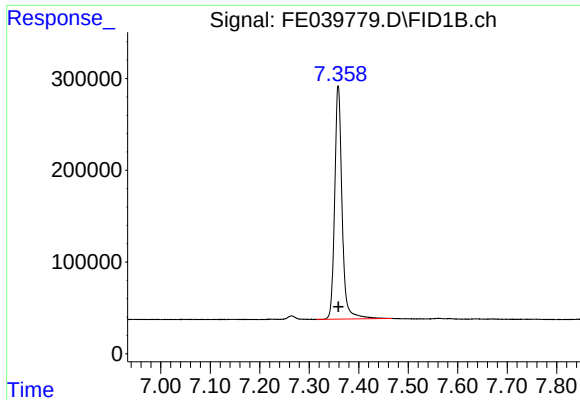
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 2798398
Conc: 19.84 ug/ml



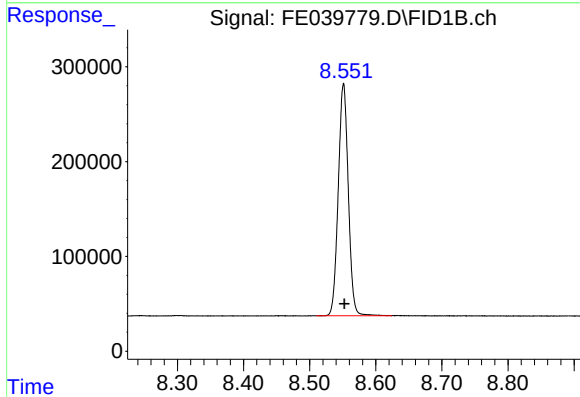
#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 2494998
Conc: 19.84 ug/ml



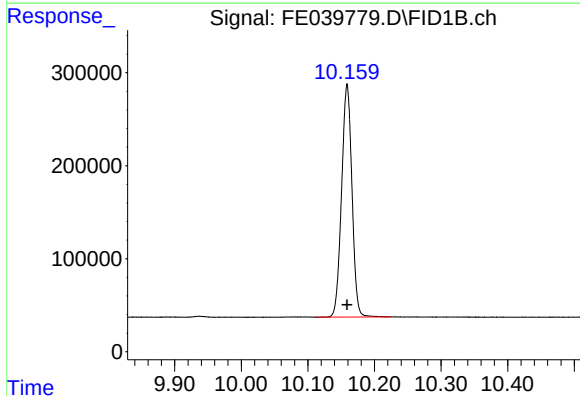
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 2645389
Conc: 20.20 ug/ml



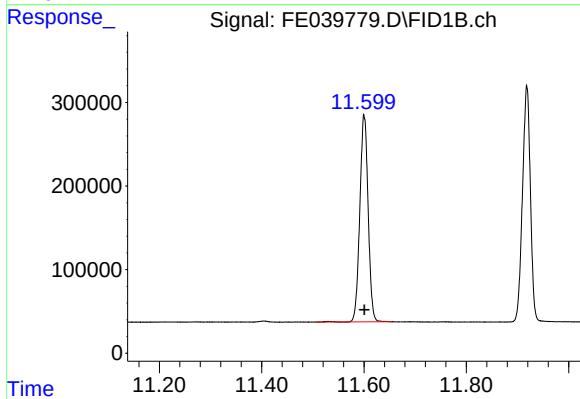
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.001 min
Response: 2579619
Conc: 20.06 ug/ml



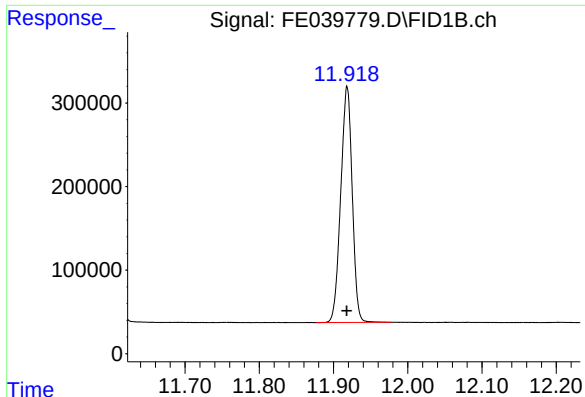
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.000 min
Response: 2706039
Conc: 20.06 ug/ml



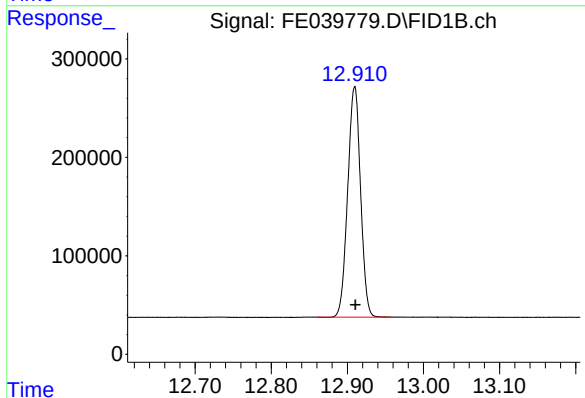
#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 2797041
Conc: 19.96 ug/ml



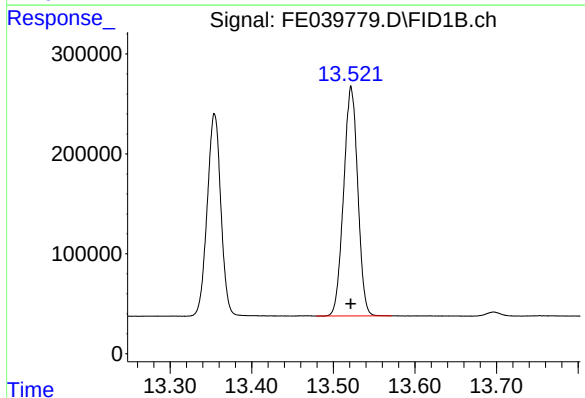
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 3038970
Conc: 19.79 ug/ml



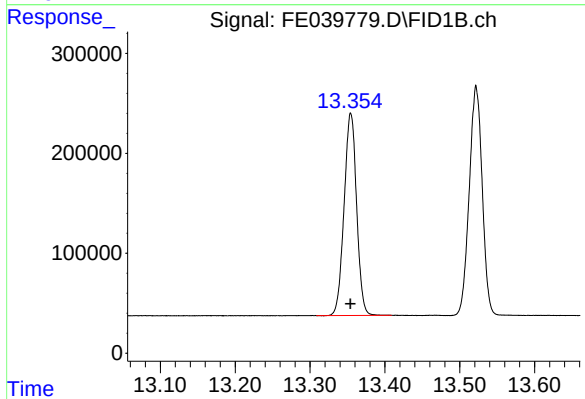
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.000 min
Response: 2750045
Conc: 19.85 ug/ml



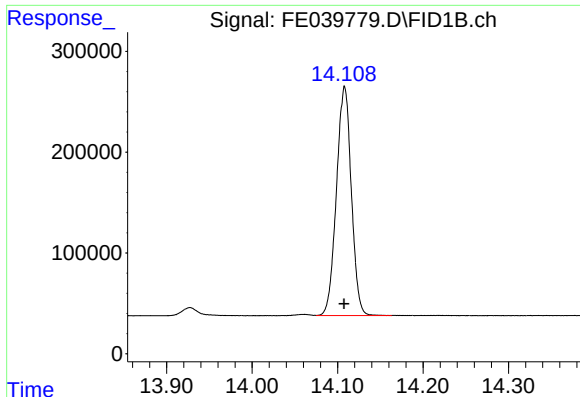
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2768386
Conc: 19.84 ug/ml



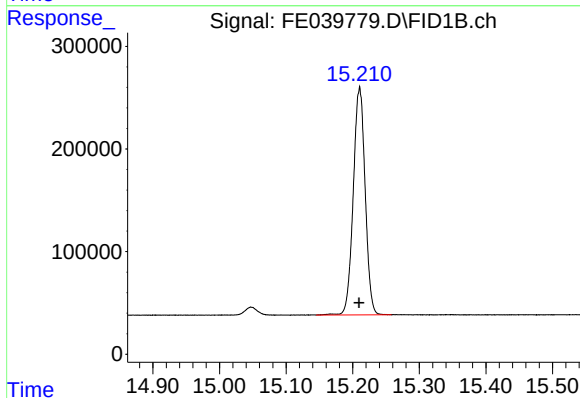
#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 2349433
Conc: 20.13 ug/ml



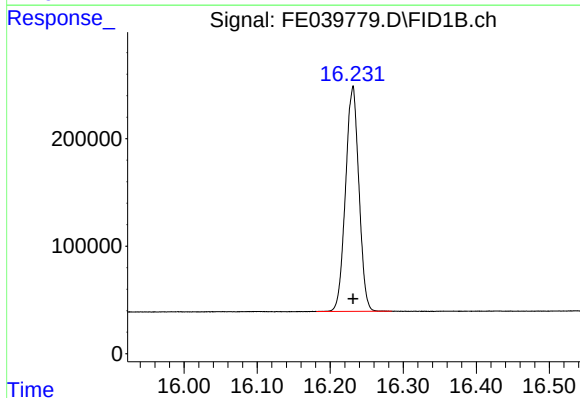
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: 0.000 min
Response: 2751664
Conc: 19.82 ug/ml



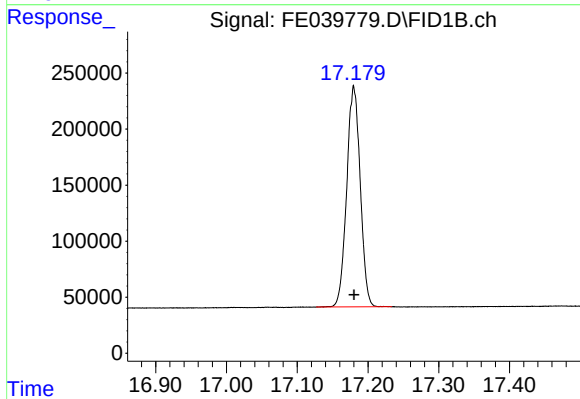
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 2750740
Conc: 19.98 ug/ml



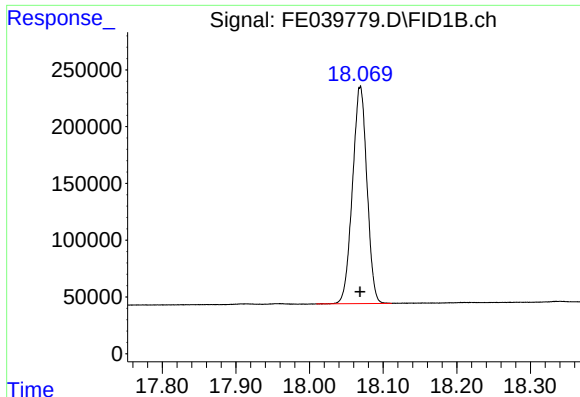
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: 0.000 min
Response: 2665837
Conc: 19.97 ug/ml



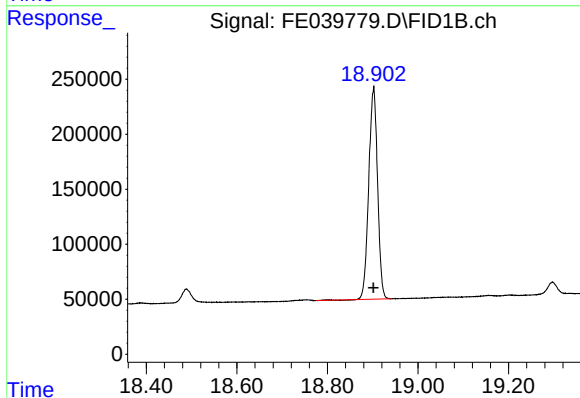
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: 0.000 min
Response: 2619117
Conc: 20.12 ug/ml



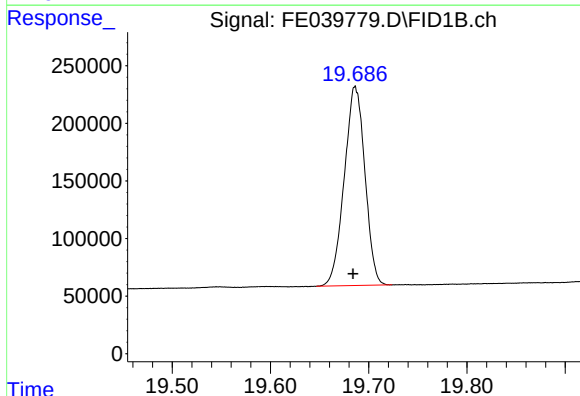
#17 n-Tricontane (C30)

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 2612130
Conc: 20.48 ug/ml



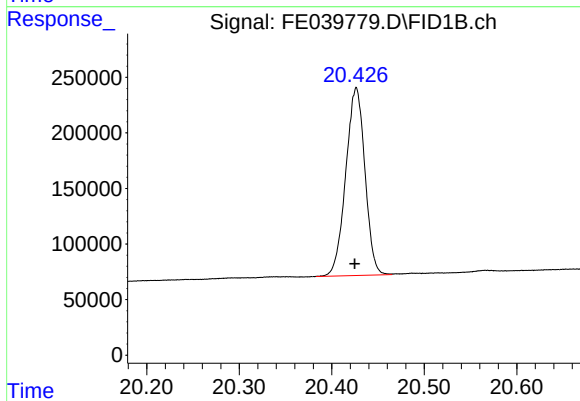
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: 0.000 min
Response: 2598420
Conc: 20.55 ug/ml



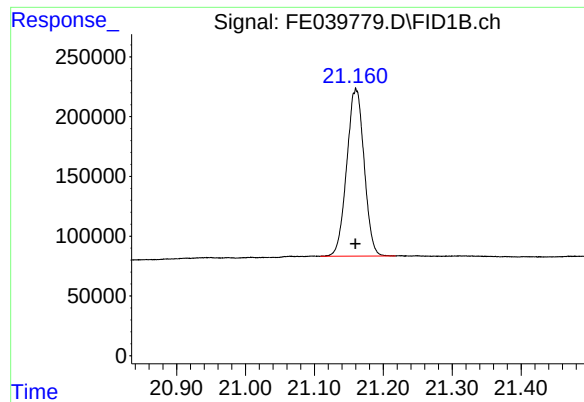
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.002 min
Response: 2525257
Conc: 20.44 ug/ml m



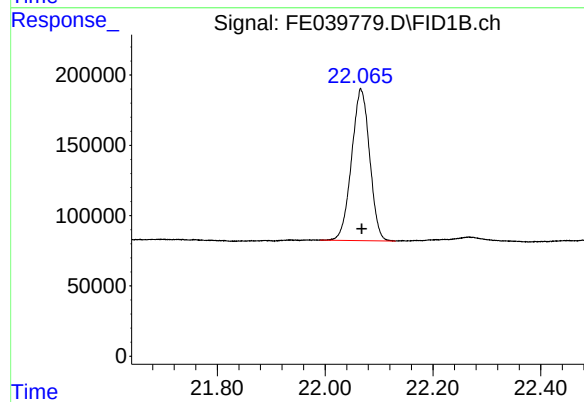
#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: 0.001 min
Response: 2428070
Conc: 20.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: 0.000 min
Response: 2449141
Conc: 20.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.002 min
Response: 2507834
Conc: 20.66 ug/ml