

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011823AL\
 Data File : FE039870.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jan 2023 09:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 00:09:39 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)	11.919	3155413	20.548 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
12) S 1-chlorooctadecane (S...	13.357	2440202	20.910 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
Target Compounds			
1) T n-Nonane (C9)	3.311	2758868	21.734 ug/ml
2) T n-Decane (C10)	4.560	2742971	22.087 ug/ml
3) T A~Naphthalene (C11.7)	6.264	3046454	21.602 ug/ml
4) T n-Dodecane (C12)	6.724	2774289	22.066 ug/ml
5) T A~2-methylnaphthalene...	7.359	2850063	21.760 ug/ml
6) T n-Tetradecane (C14)	8.551	2825548	21.969 ug/ml
7) T n-Hexadecane (C16)	10.159	2918061	21.630 ug/ml
8) T n-Octadecane (C18)	11.602	2962042	21.139 ug/ml
10) T n-Eicosane (C20)	12.912	2887767	20.843 ug/ml
11) T n-Heneicosane (C21)	13.524	2874186	20.597 ug/ml
13) T n-Docosane (C22)	14.110	2855958	20.576 ug/ml
14) T n-Tetracosane (C24)	15.214	2841871	20.641 ug/ml
15) T n-Hexacosane (C26)	16.235	2777478	20.811 ug/ml
16) T n-Octacosane (C28)	17.186	2791042	21.441 ug/ml
17) T n-Tricontane (C30)	18.074	2907723	22.801 ug/ml
18) T n-Dotriacontane (C32)	18.907	2969570	23.489 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2813875	22.772 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2646104	22.444 ug/mlm
21) T n-Octatriacontane (C38)	21.167	2620088	21.922 ug/ml
22) T n-Tetracontane (C40)	22.075	2672457	22.020 ug/ml

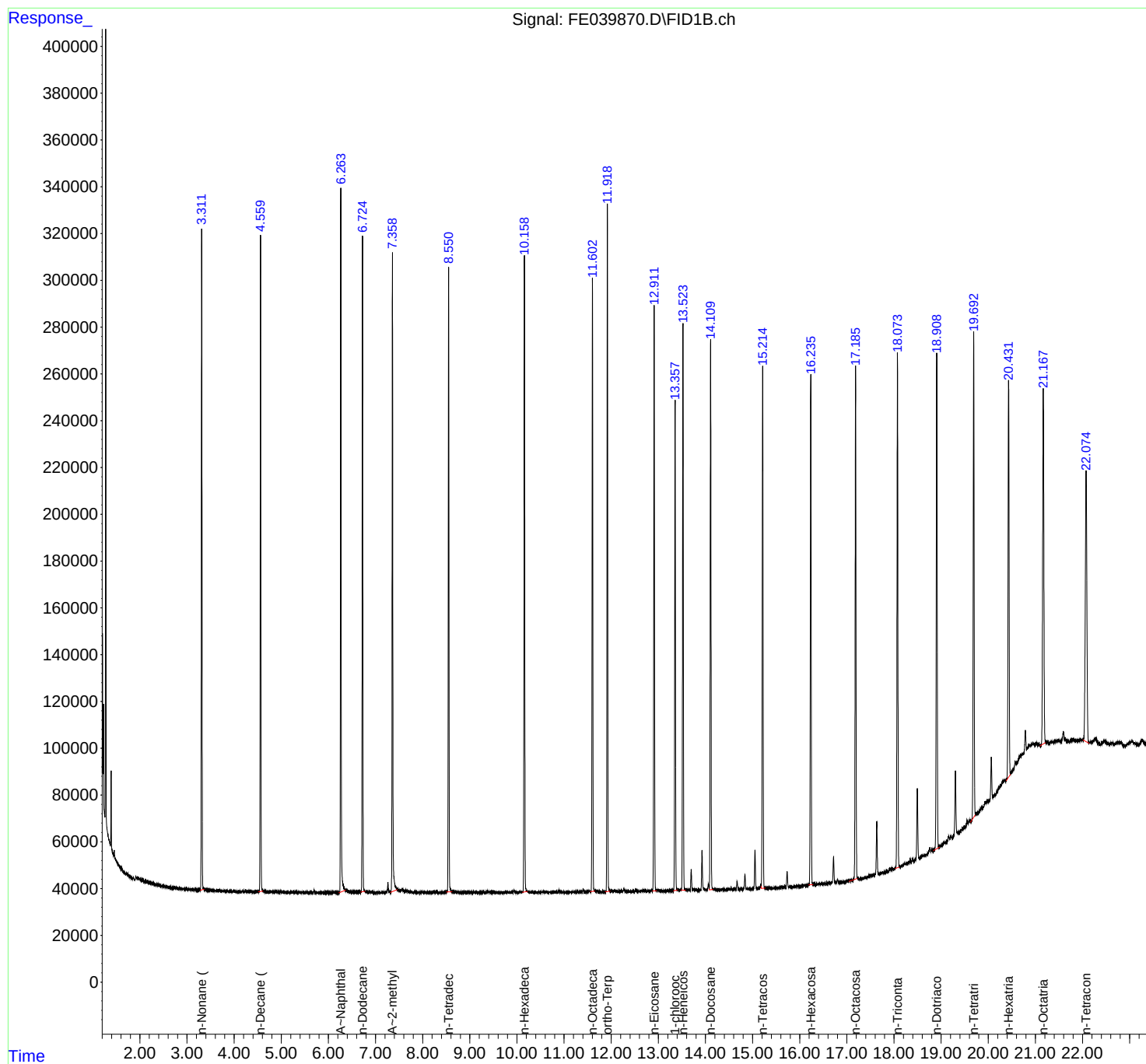
(f)=RT Delta > 1/2 Window

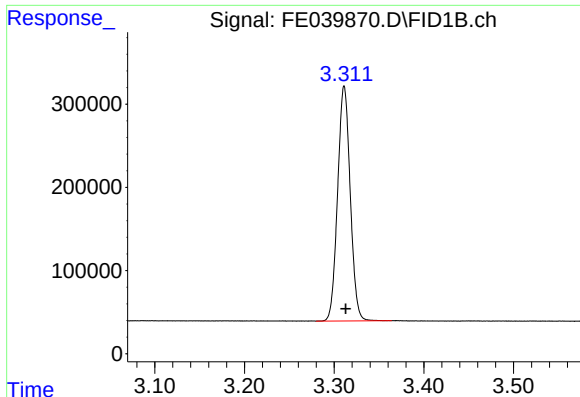
(m)=manual int.

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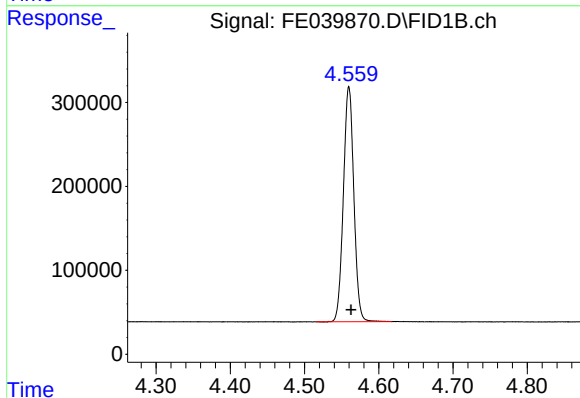
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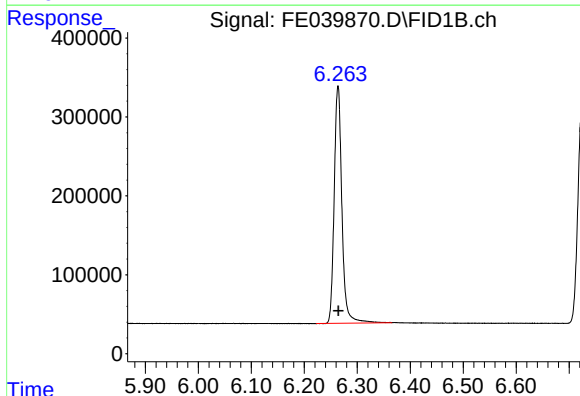
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2758868
Conc: 21.73 ug/ml



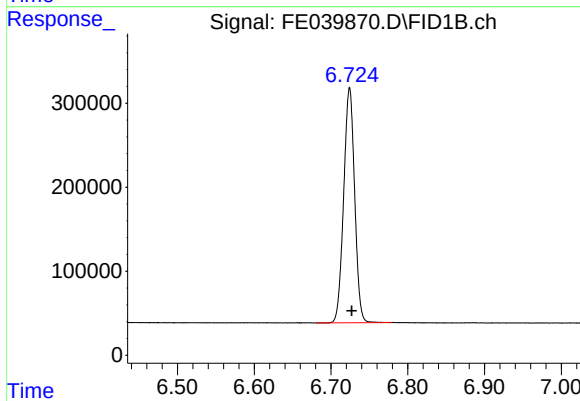
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 2742971
Conc: 22.09 ug/ml



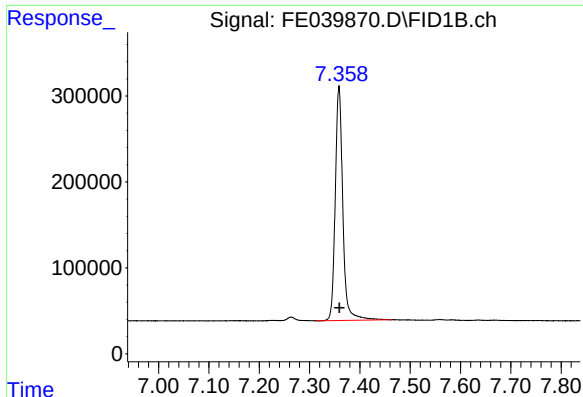
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 3046454
Conc: 21.60 ug/ml



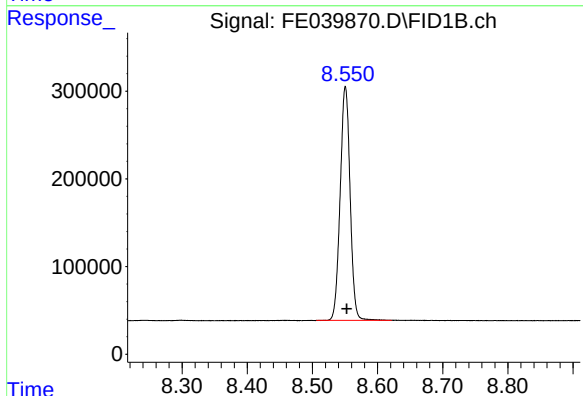
#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 2774289
Conc: 22.07 ug/ml



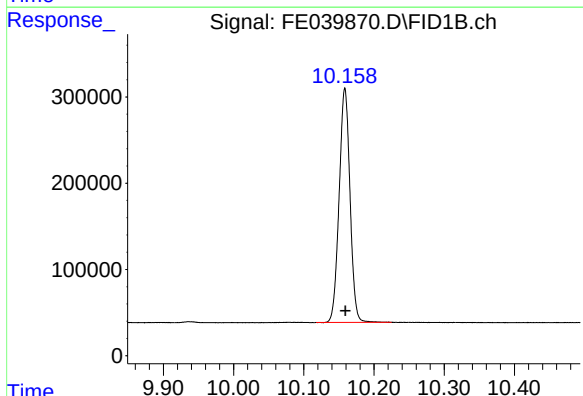
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 2850063
Conc: 21.76 ug/ml



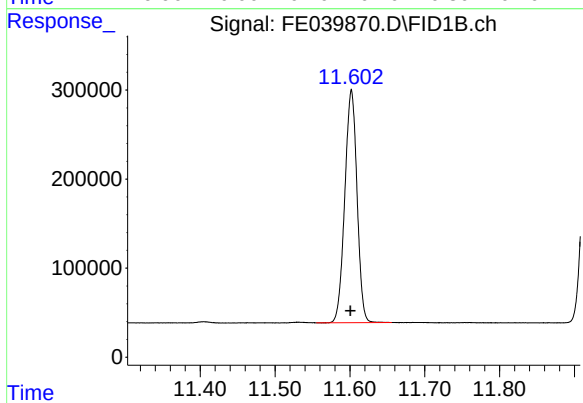
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 2825548
Conc: 21.97 ug/ml



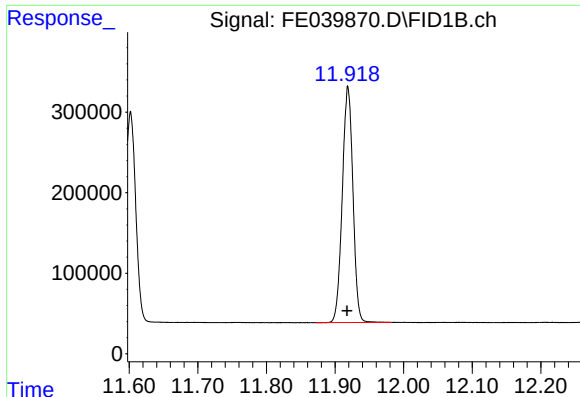
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.000 min
Response: 2918061
Conc: 21.63 ug/ml



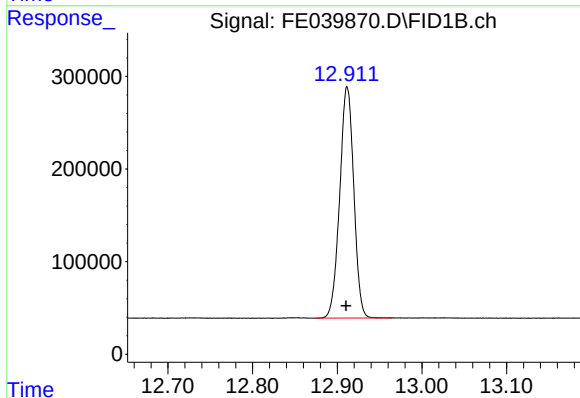
#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.001 min
Response: 2962042
Conc: 21.14 ug/ml



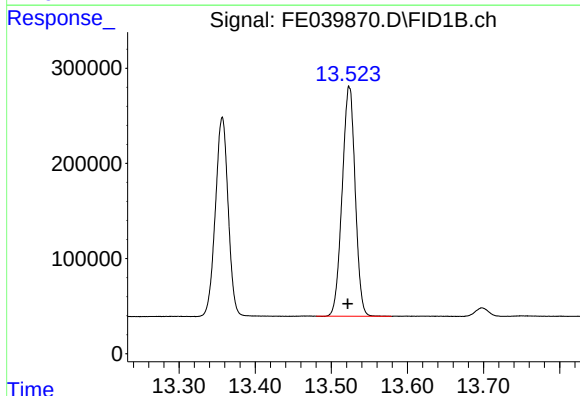
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: 0.001 min
Response: 3155413
Conc: 20.55 ug/ml



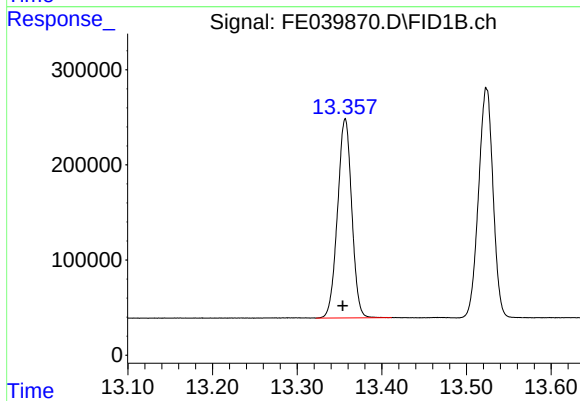
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.001 min
Response: 2887767
Conc: 20.84 ug/ml



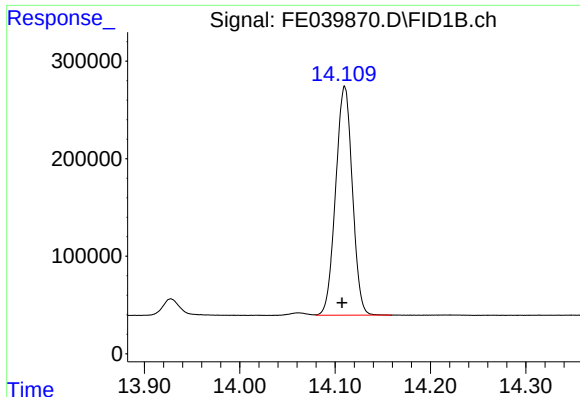
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 2874186
Conc: 20.60 ug/ml



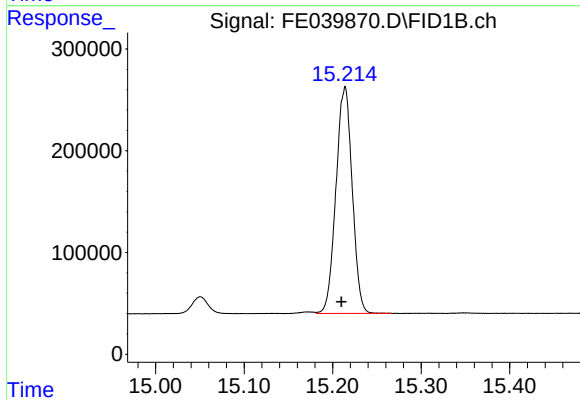
#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 2440202
Conc: 20.91 ug/ml



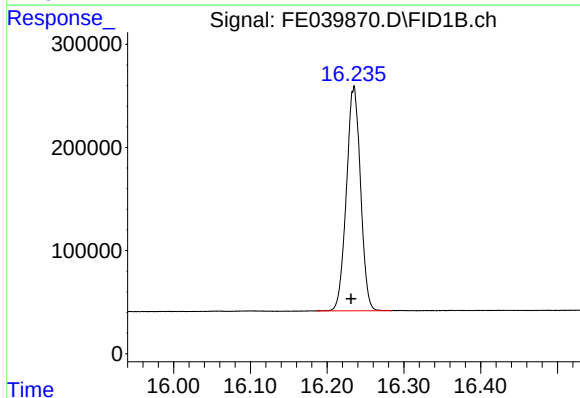
#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: 0.003 min
Response: 2855958
Conc: 20.58 ug/ml



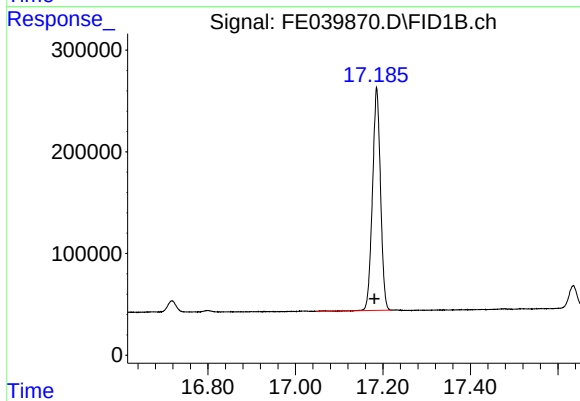
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: 0.004 min
Response: 2841871
Conc: 20.64 ug/ml



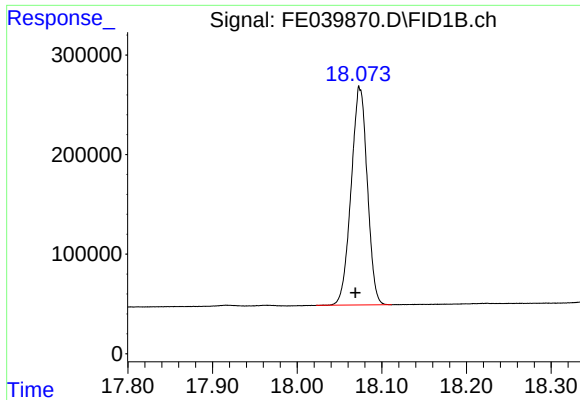
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: 0.003 min
Response: 2777478
Conc: 20.81 ug/ml



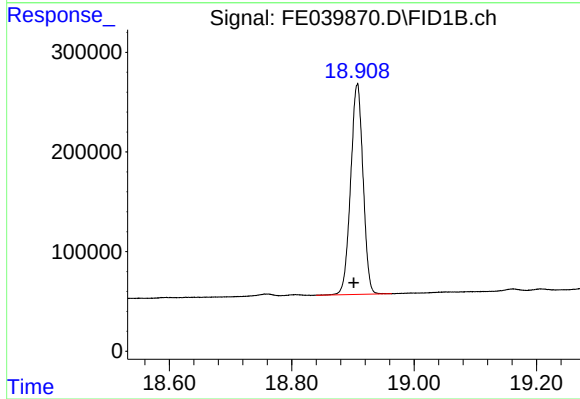
#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: 0.006 min
Response: 2791042
Conc: 21.44 ug/ml



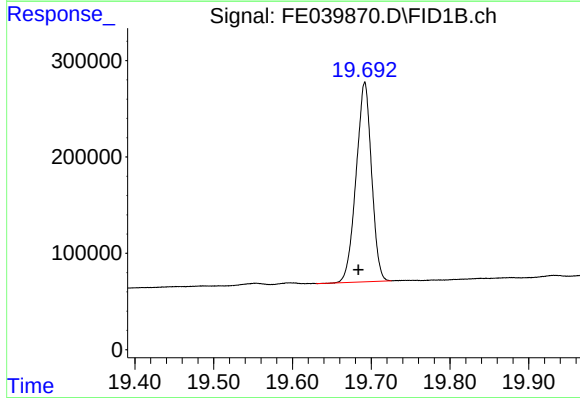
#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: 0.005 min
Response: 2907723
Conc: 22.80 ug/ml



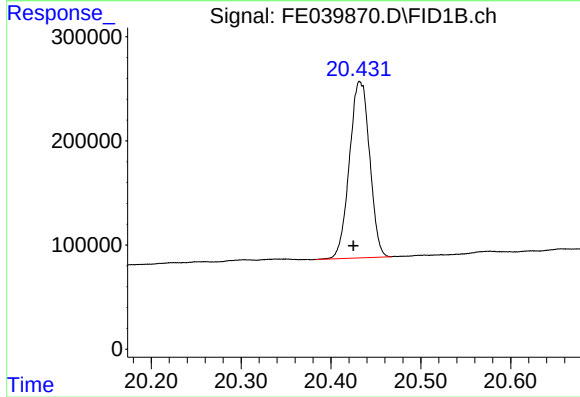
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.006 min
Response: 2969570
Conc: 23.49 ug/ml



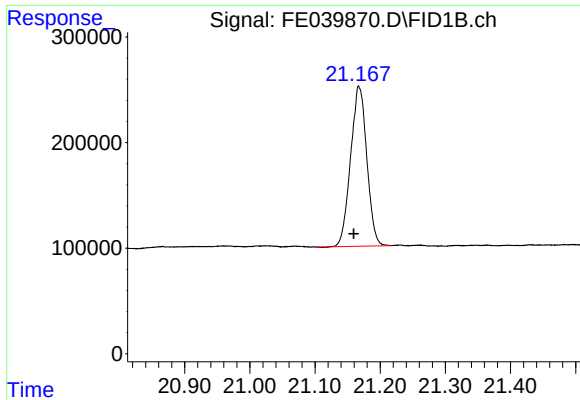
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.008 min
Response: 2813875
Conc: 22.77 ug/ml



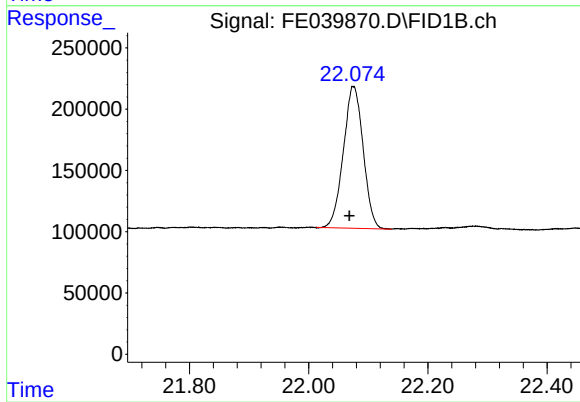
#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: 0.006 min
Response: 2646104
Conc: 22.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: 0.008 min
Response: 2620088
Conc: 21.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: 0.007 min
Response: 2672457
Conc: 22.02 ug/ml