

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022024AL\
 Data File : FE046857.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2024 10:34
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 10:58:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 10:58:26 2024
 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)	11.792	810436	4.933 ug/ml
Spiked Amount 50.000		Recovery =	9.87%
12) S 1-chlorooctadecane (S...	13.235	588056	4.777 ug/ml
Spiked Amount 50.000		Recovery =	9.55%
Target Compounds			
1) T n-Nonane (C9)	3.186	736591	4.830 ug/ml
2) T n-Decane (C10)	4.437	729297	4.709 ug/ml
3) T A~Naphthalene (C11.7)	6.151	609152	3.990 ug/ml
4) T n-Dodecane (C12)	6.604	716809	4.610 ug/ml
5) T A~2-methylnaphthalene...	7.253	484809	3.516 ug/ml
6) T n-Tetradecane (C14)	8.430	722798	4.687 ug/ml
7) T n-Hexadecane (C16)	10.039	761938	4.802 ug/ml
8) T n-Octadecane (C18)	11.480	773380	4.851 ug/ml
10) T n-Eicosane (C20)	12.788	746296	4.930 ug/ml
11) T n-Heneicosane (C21)	13.400	737969	4.984 ug/ml
13) T n-Docosane (C22)	13.986	723119	4.970 ug/ml
14) T n-Tetracosane (C24)	15.089	706462	4.947 ug/ml
15) T n-Hexacosane (C26)	16.109	698508	4.999 ug/ml
16) T n-Octacosane (C28)	17.059	684625	5.025 ug/ml
17) T n-Tricontane (C30)	17.947	710557	5.093 ug/ml
18) T n-Dotriacontane (C32)	18.779	710242	5.162 ug/ml
19) T n-Tetratriacontane (C34)	19.565	687173	5.115 ug/ml
20) T n-Hexatriacontane (C36)	20.303	670030	5.032 ug/ml
21) T n-Octatriacontane (C38)	21.026	702708	5.100 ug/ml
22) T n-Tetracontane (C40)	21.900	680403	4.822 ug/ml

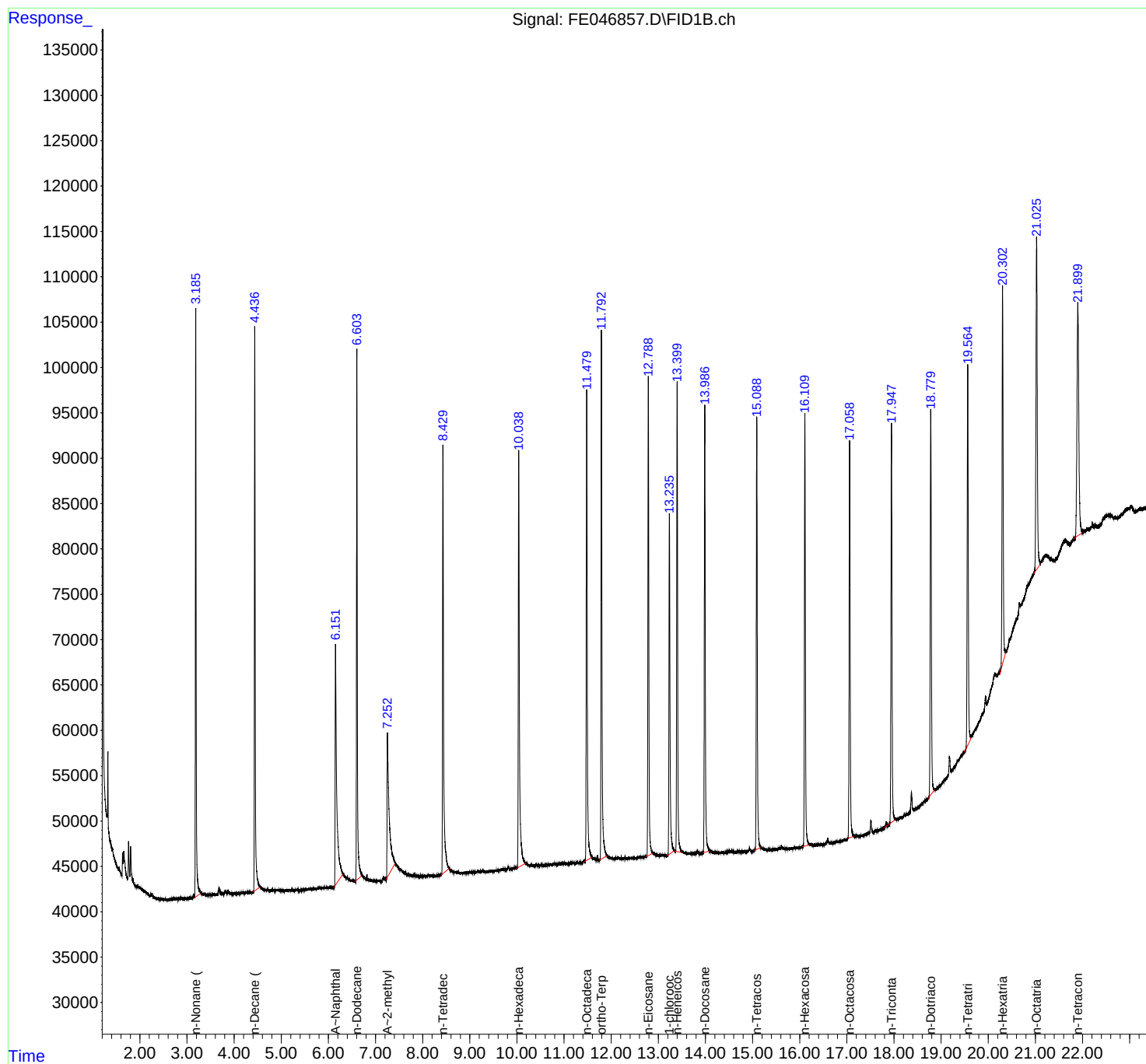
(f)=RT Delta > 1/2 Window

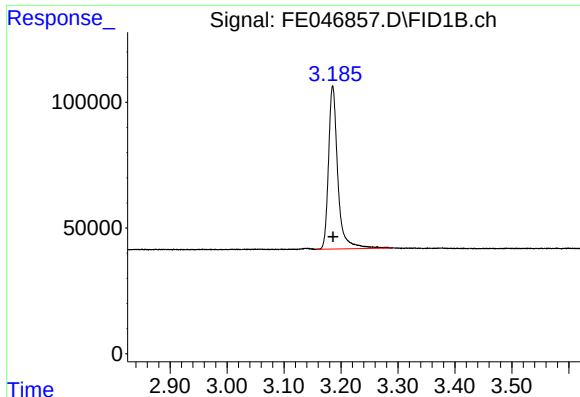
(m)=manual int.

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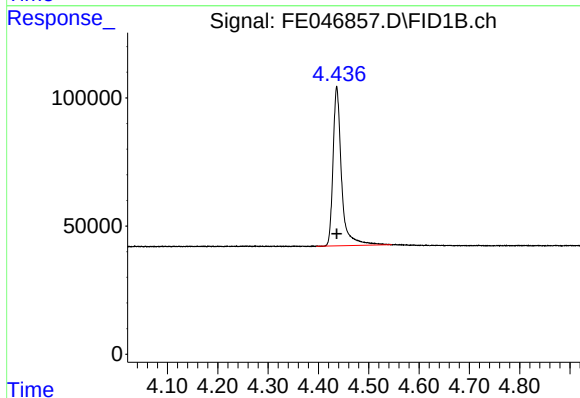
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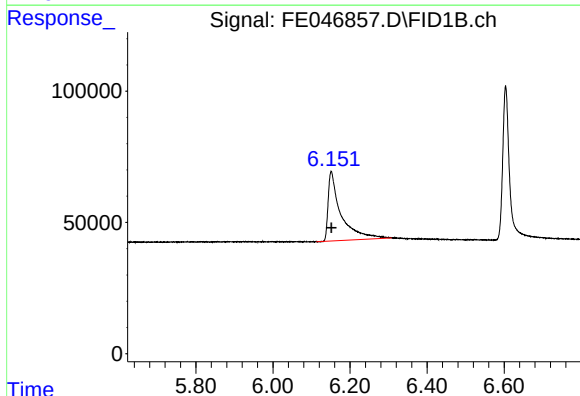
#1 n-Nonane (C9)

R.T.: 3.186 min
Delta R.T.: 0.000 min
Response: 736591
Conc: 4.83 ug/ml



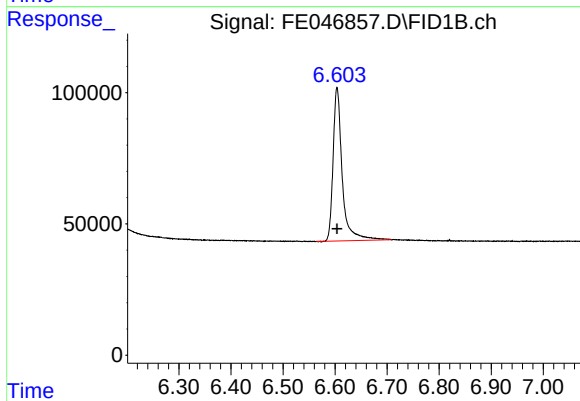
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 729297
Conc: 4.71 ug/ml



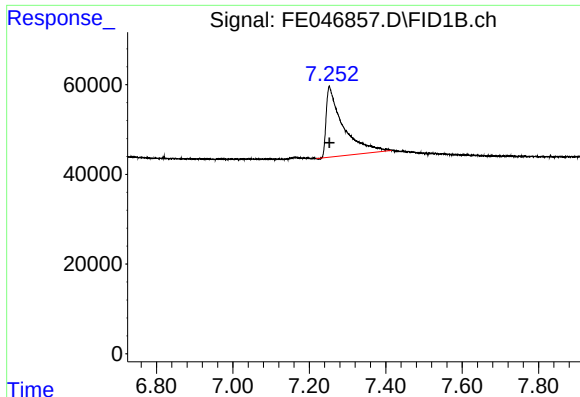
#3 A~Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 609152
Conc: 3.99 ug/ml



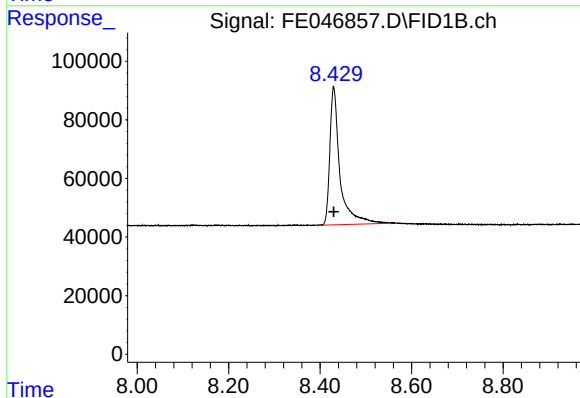
#4 n-Dodecane (C12)

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 716809
Conc: 4.61 ug/ml



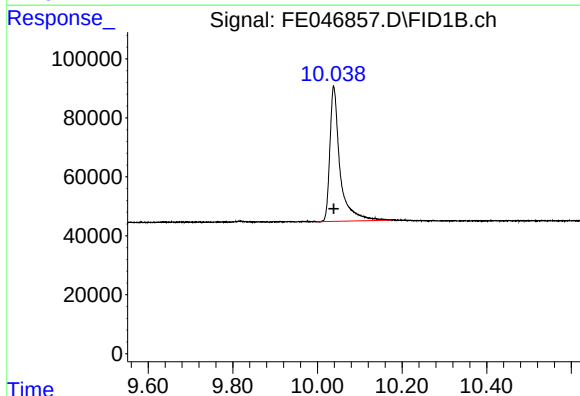
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 484809
Conc: 3.52 ug/ml



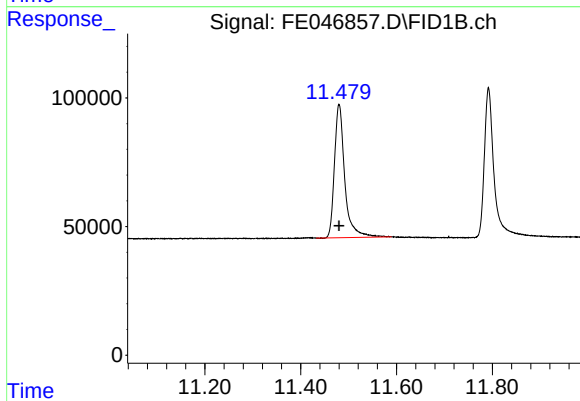
#6 n-Tetradecane (C14)

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 722798
Conc: 4.69 ug/ml



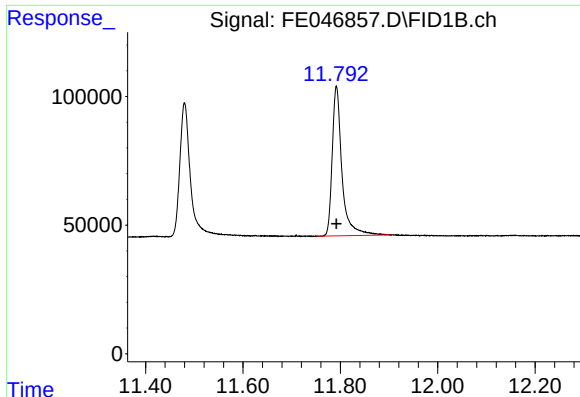
#7 n-Hexadecane (C16)

R.T.: 10.039 min
Delta R.T.: 0.000 min
Response: 761938
Conc: 4.80 ug/ml



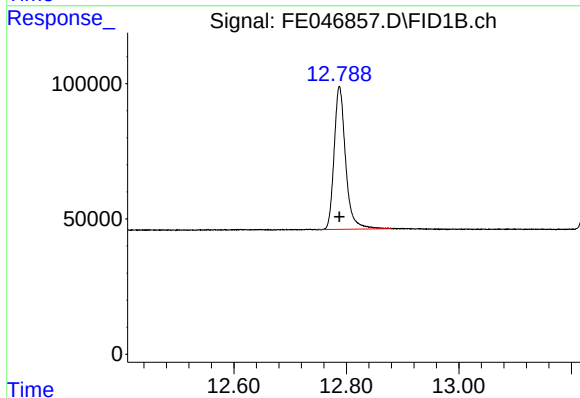
#8 n-Octadecane (C18)

R.T.: 11.480 min
Delta R.T.: 0.000 min
Response: 773380
Conc: 4.85 ug/ml



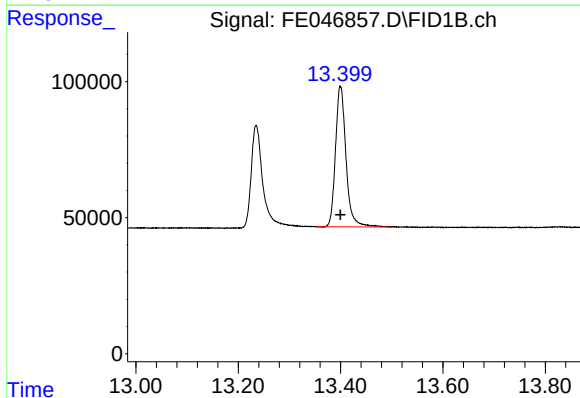
#9 ortho-Terphenyl (SURR)

R.T.: 11.792 min
Delta R.T.: 0.000 min
Response: 810436
Conc: 4.93 ug/ml



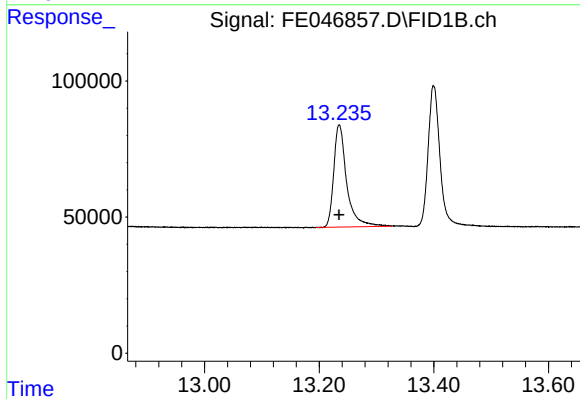
#10 n-Eicosane (C20)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 746296
Conc: 4.93 ug/ml



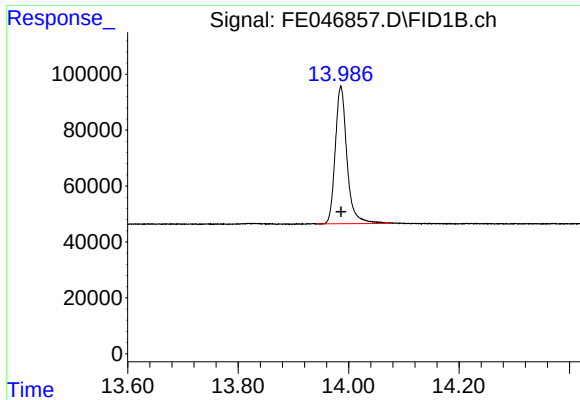
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: 0.000 min
Response: 737969
Conc: 4.98 ug/ml



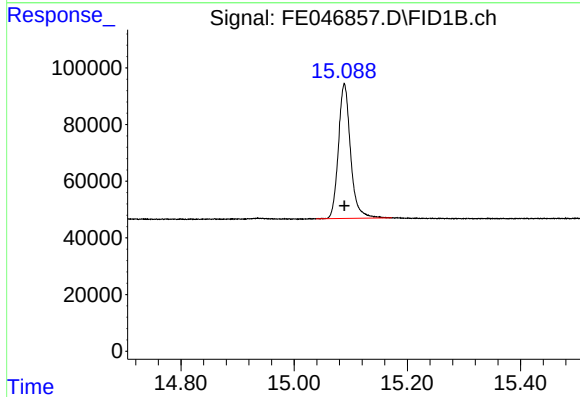
#12 1-chlorooctadecane (SURR)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 588056
Conc: 4.78 ug/ml



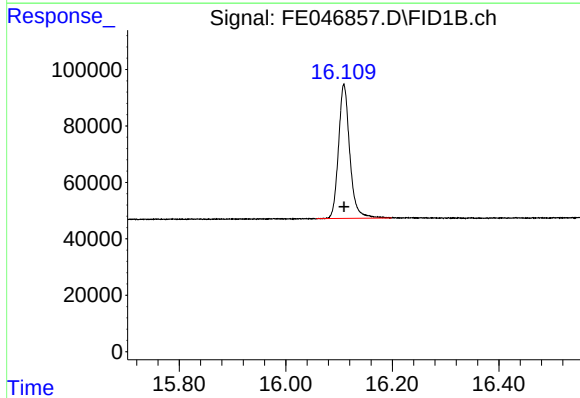
#13 n-Docosane (C22)

R.T.: 13.986 min
Delta R.T.: 0.000 min
Response: 723119
Conc: 4.97 ug/ml



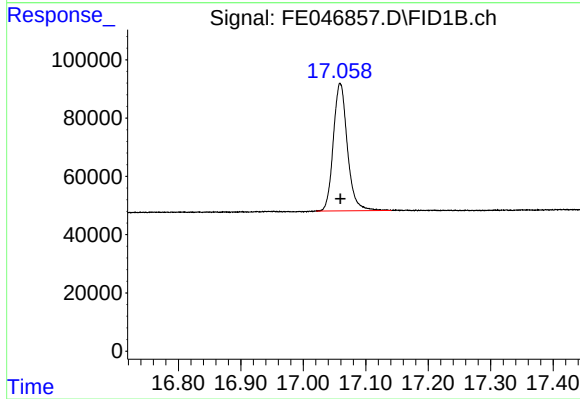
#14 n-Tetracosane (C24)

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 706462
Conc: 4.95 ug/ml



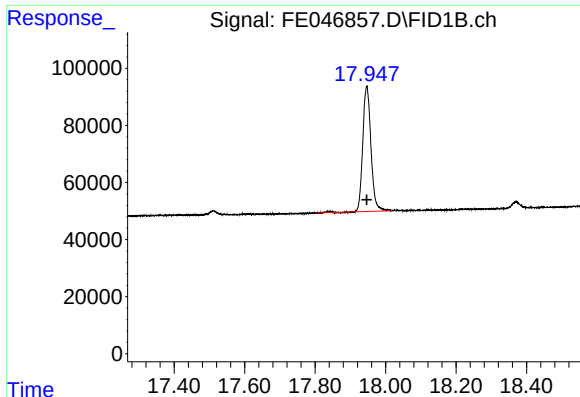
#15 n-Hexacosane (C26)

R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 698508
Conc: 5.00 ug/ml



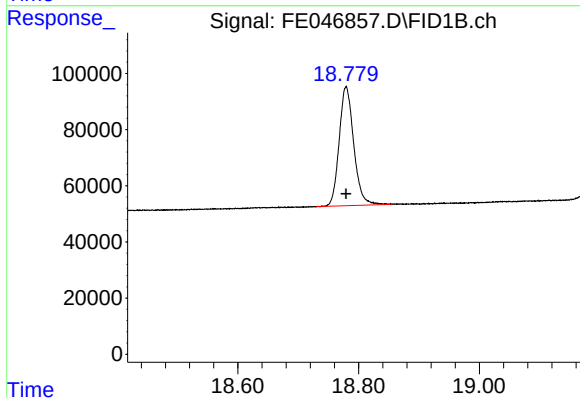
#16 n-Octacosane (C28)

R.T.: 17.059 min
Delta R.T.: 0.000 min
Response: 684625
Conc: 5.03 ug/ml



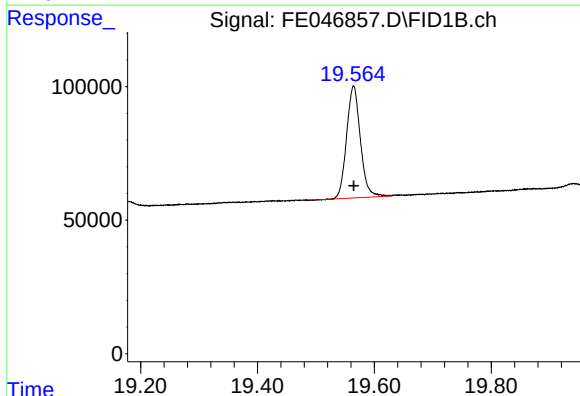
#17 n-Tricontane (C30)

R.T.: 17.947 min
Delta R.T.: 0.000 min
Response: 710557
Conc: 5.09 ug/ml



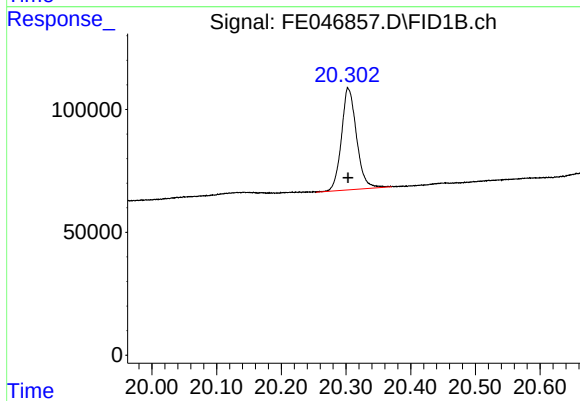
#18 n-Dotriacontane (C32)

R.T.: 18.779 min
Delta R.T.: 0.000 min
Response: 710242
Conc: 5.16 ug/ml



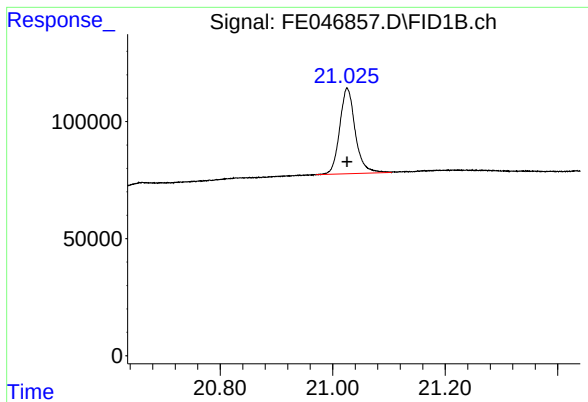
#19 n-Tetratriacontane (C34)

R.T.: 19.565 min
Delta R.T.: 0.000 min
Response: 687173
Conc: 5.12 ug/ml



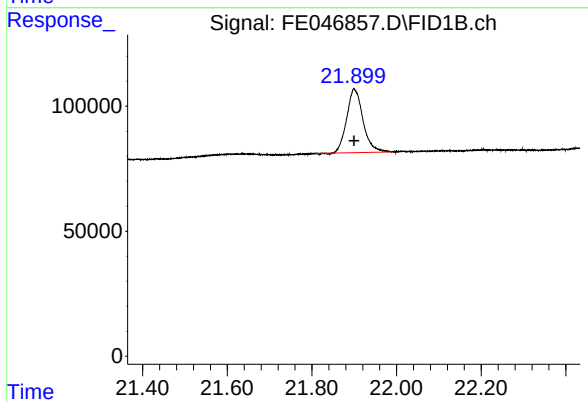
#20 n-Hexatriacontane (C36)

R.T.: 20.303 min
Delta R.T.: 0.000 min
Response: 670030
Conc: 5.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.026 min
Delta R.T.: 0.000 min
Response: 702708
Conc: 5.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.000 min
Response: 680403
Conc: 4.82 ug/ml