

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071722AL\
 Data File : FE036534.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2022 00:15
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 01:37:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 01:36:11 2022
 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)	11.846	1020417	5.457 ug/ml
Spiked Amount 50.000		Recovery =	10.91%
12) S 1-chlorooctadecane (S...	13.286	827222	5.393 ug/ml
Spiked Amount 50.000		Recovery =	10.79%
Target Compounds			
1) T n-Nonane (C9)	3.240	848804	5.525 ug/ml
2) T n-Decane (C10)	4.494	842399	5.467 ug/ml
3) T A~Naphthalene (C11.7)	6.194	916007	5.336 ug/ml
4) T n-Dodecane (C12)	6.661	852411	5.416 ug/ml
5) T A~2-methylnaphthalene...	7.289	908972	5.253 ug/ml
6) T n-Tetradecane (C14)	8.488	900818	5.527 ug/ml
7) T n-Hexadecane (C16)	10.094	897090	5.424 ug/ml
8) T n-Octadecane (C18)	11.535	931897	5.455 ug/ml
10) T n-Eicosane (C20)	12.842	936661	5.474 ug/ml
11) T n-Heneicosane (C21)	13.455	939703	5.453 ug/ml
13) T n-Docosane (C22)	14.040	937903	5.453 ug/ml
14) T n-Tetracosane (C24)	15.141	934766	5.429 ug/ml
15) T n-Hexacosane (C26)	16.163	914166	5.407 ug/ml
16) T n-Octacosane (C28)	17.112	892497	5.399 ug/ml
17) T n-Tricontane (C30)	17.999	837177	5.454 ug/ml
18) T n-Dotriacontane (C32)	18.832	671184	5.550 ug/ml
19) T n-Tetratriacontane (C34)	19.614	460924	5.517 ug/ml
20) T n-Hexatriacontane (C36)	20.354	307439	5.283 ug/ml
21) T n-Octatriacontane (C38)	21.080	276282	5.523 ug/ml
22) T n-Tetracontane (C40)	21.966	293006	5.792 ug/ml

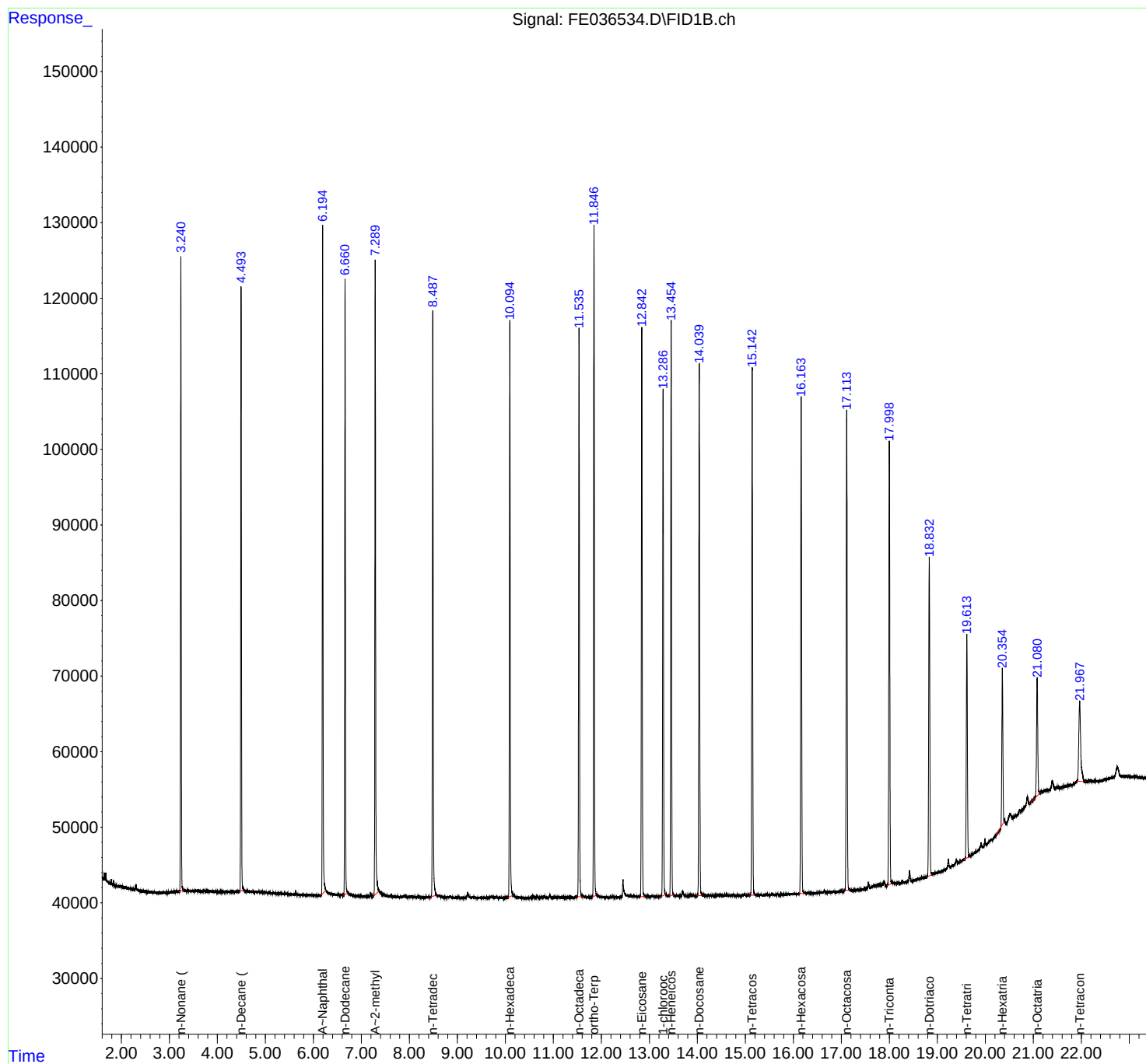
(f)=RT Delta > 1/2 Window

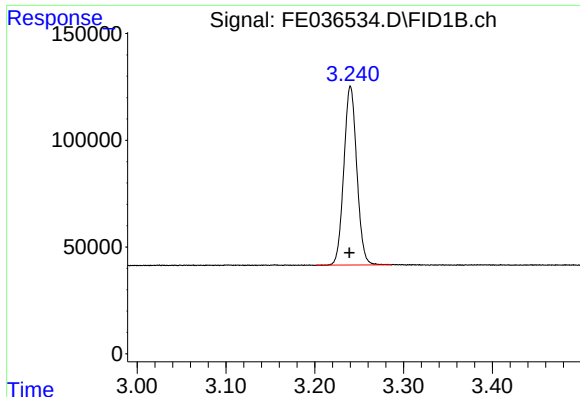
(m)=manual int.

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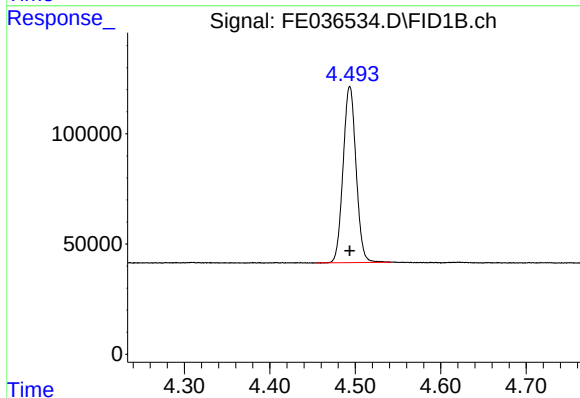
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Signal Info : 20M x 0.18mm x 0.18um





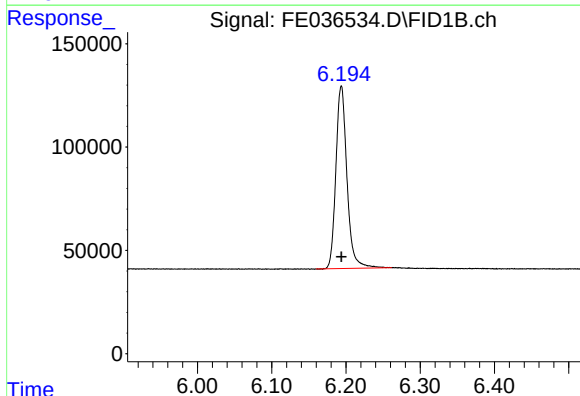
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.001 min
Response: 848804
Conc: 5.52 ug/ml



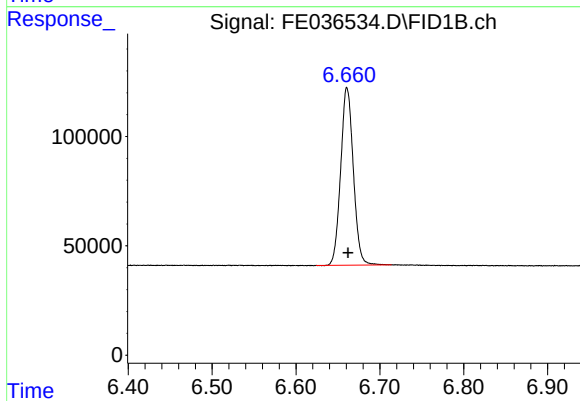
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 842399
Conc: 5.47 ug/ml



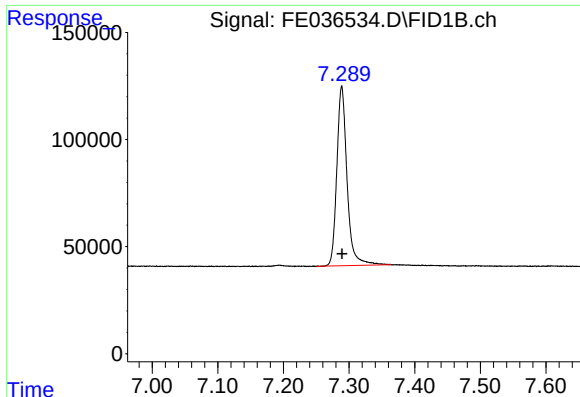
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 916007
Conc: 5.34 ug/ml



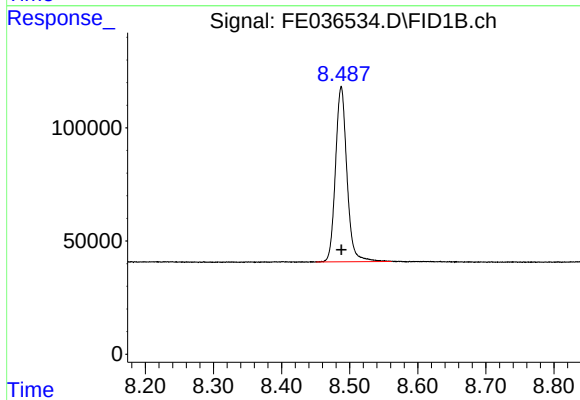
#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.001 min
Response: 852411
Conc: 5.42 ug/ml



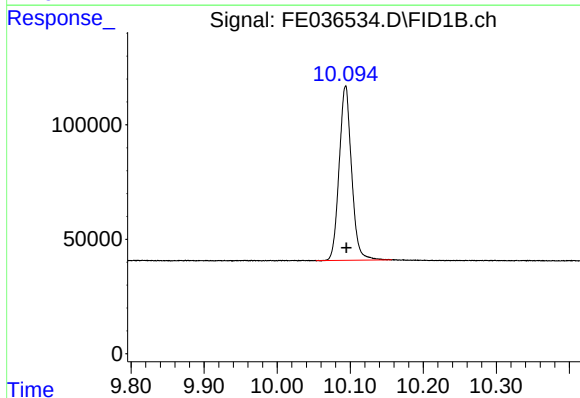
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 908972
Conc: 5.25 ug/ml



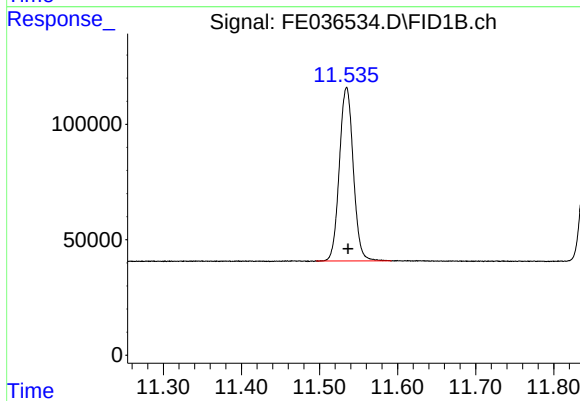
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 900818
Conc: 5.53 ug/ml



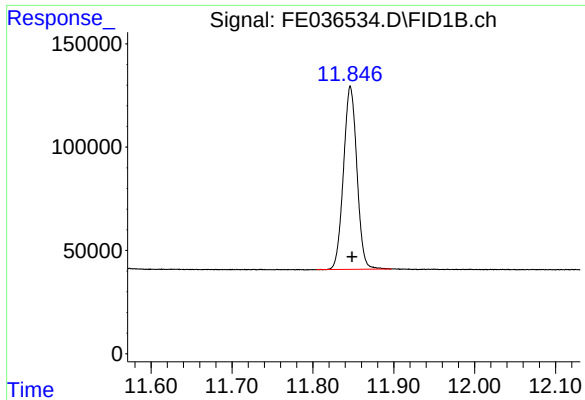
#7 n-Hexadecane (C16)

R.T.: 10.094 min
Delta R.T.: -0.001 min
Response: 897090
Conc: 5.42 ug/ml



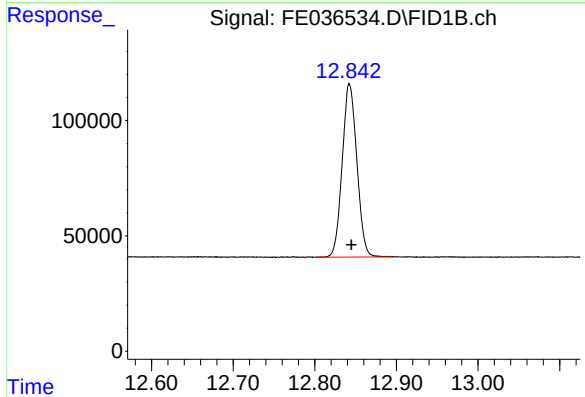
#8 n-Octadecane (C18)

R.T.: 11.535 min
Delta R.T.: -0.002 min
Response: 931897
Conc: 5.45 ug/ml



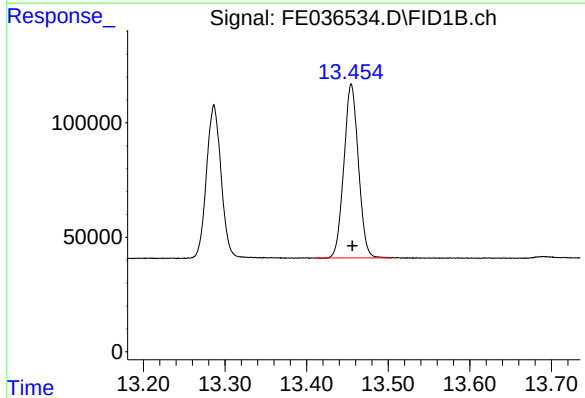
#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: -0.002 min
Response: 1020417
Conc: 5.46 ug/ml



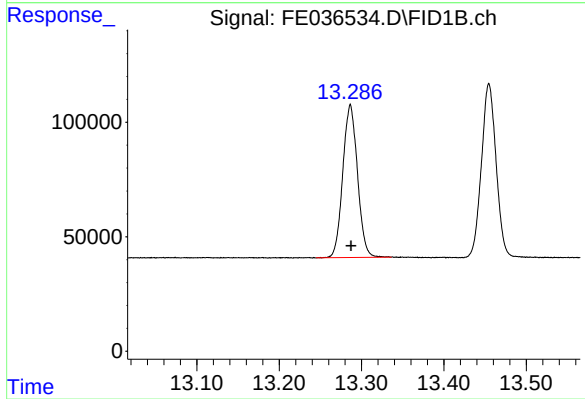
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.002 min
Response: 936661
Conc: 5.47 ug/ml



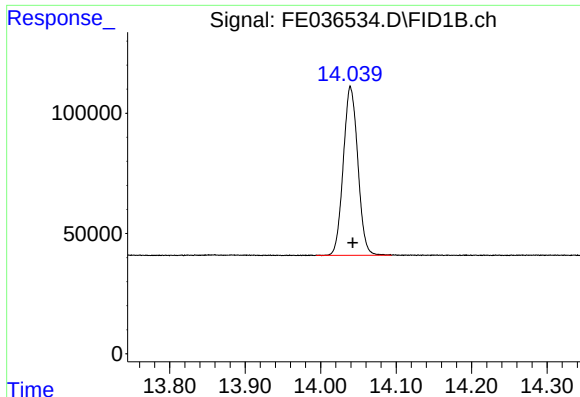
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.001 min
Response: 939703
Conc: 5.45 ug/ml



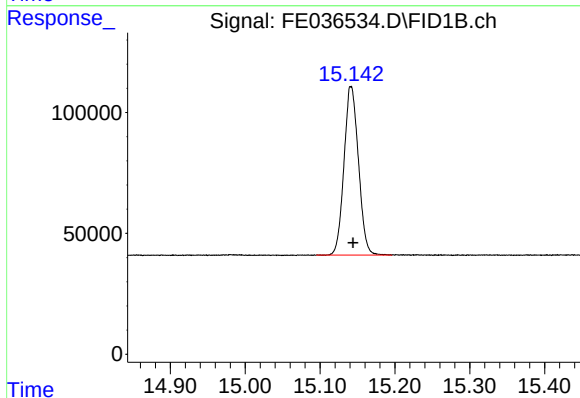
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: 0.000 min
Response: 827222
Conc: 5.39 ug/ml



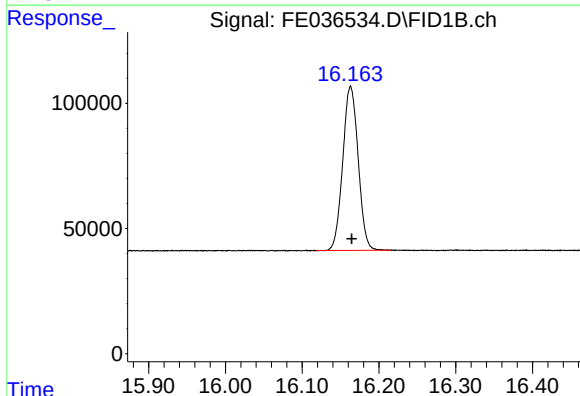
#13 n-Docosane (C22)

R.T.: 14.040 min
Delta R.T.: -0.003 min
Response: 937903
Conc: 5.45 ug/ml



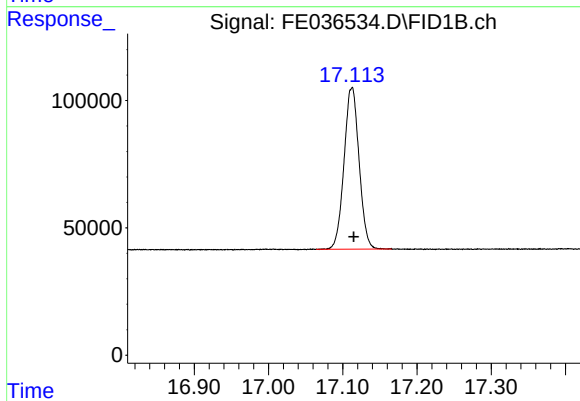
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.003 min
Response: 934766
Conc: 5.43 ug/ml



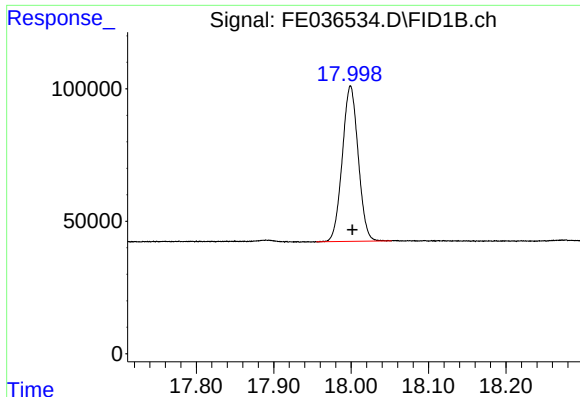
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 914166
Conc: 5.41 ug/ml



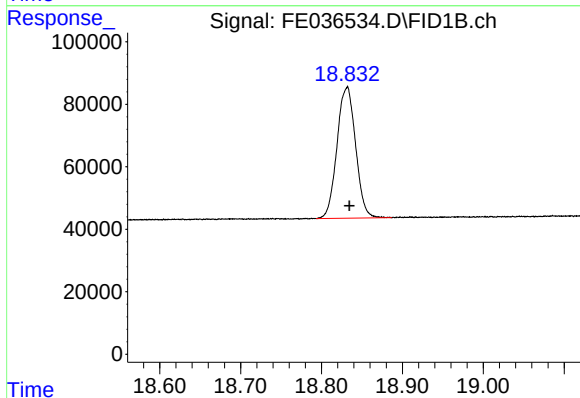
#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: -0.003 min
Response: 892497
Conc: 5.40 ug/ml



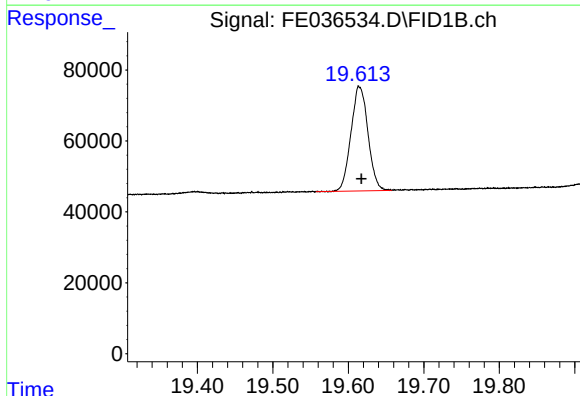
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.003 min
Response: 837177
Conc: 5.45 ug/ml



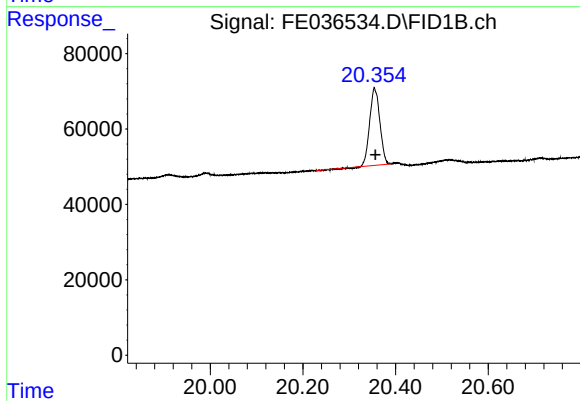
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.003 min
Response: 671184
Conc: 5.55 ug/ml



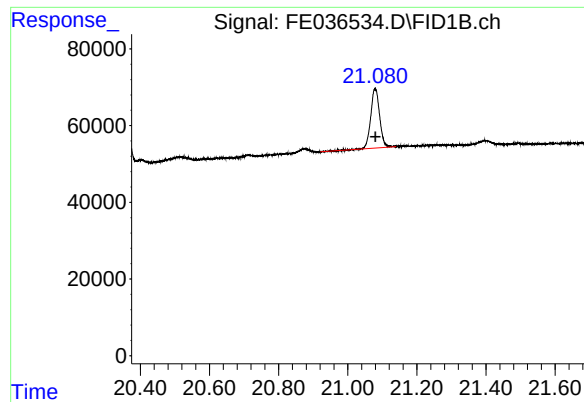
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.003 min
Response: 460924
Conc: 5.52 ug/ml



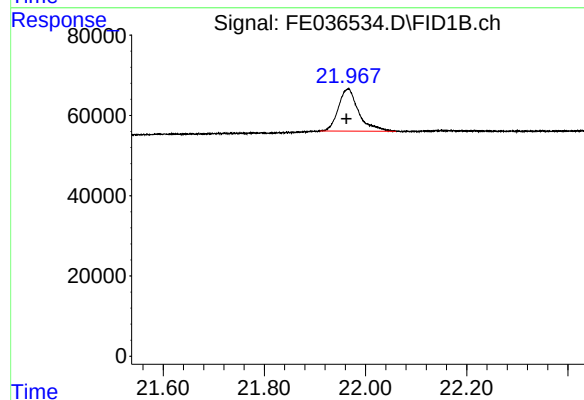
#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.002 min
Response: 307439
Conc: 5.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: 0.000 min
Response: 276282
Conc: 5.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.004 min
Response: 293006
Conc: 5.79 ug/ml