

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072522AL\
 Data File : FE036687.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2022 17:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 26 03:34:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.850	3129944	16.805 ug/ml
Spiked Amount 50.000		Recovery =	33.61%
12) S 1-chlorooctadecane (S...	13.290	2501509	16.442 ug/ml
Spiked Amount 50.000		Recovery =	32.88%
Target Compounds			
1) T n-Nonane (C9)	3.237	2807035	18.209 ug/ml
2) T n-Decane (C10)	4.492	2875903	18.657 ug/ml
3) T A~Naphthalene (C11.7)	6.195	3177013	18.591 ug/ml
4) T n-Dodecane (C12)	6.661	2938953	18.713 ug/ml
5) T A~2-methylnaphthalene...	7.292	3176156	18.480 ug/ml
6) T n-Tetradecane (C14)	8.489	3024883	18.528 ug/ml
7) T n-Hexadecane (C16)	10.096	2981548	18.089 ug/ml
8) T n-Octadecane (C18)	11.537	2980155	17.536 ug/ml
10) T n-Eicosane (C20)	12.847	2884153	16.955 ug/ml
11) T n-Heneicosane (C21)	13.458	2837749	16.580 ug/ml
13) T n-Docosane (C22)	14.044	2844147	16.658 ug/ml
14) T n-Tetracosane (C24)	15.149	2828993	16.596 ug/ml
15) T n-Hexacosane (C26)	16.171	2787409	16.672 ug/ml
16) T n-Octacosane (C28)	17.122	2839253	17.384 ug/ml
17) T n-Tricontane (C30)	18.009	2812399	18.508 ug/ml
18) T n-Dotriacontane (C32)	18.842	2367158	19.682 ug/ml
19) T n-Tetratriacontane (C34)	19.625	1660206	19.936 ug/ml
20) T n-Hexatriacontane (C36)	20.366	1204619	20.516 ug/ml
21) T n-Octatriacontane (C38)	21.093	1045101	20.845 ug/mlm
22) T n-Tetracontane (C40)	21.983	990209	19.174 ug/ml

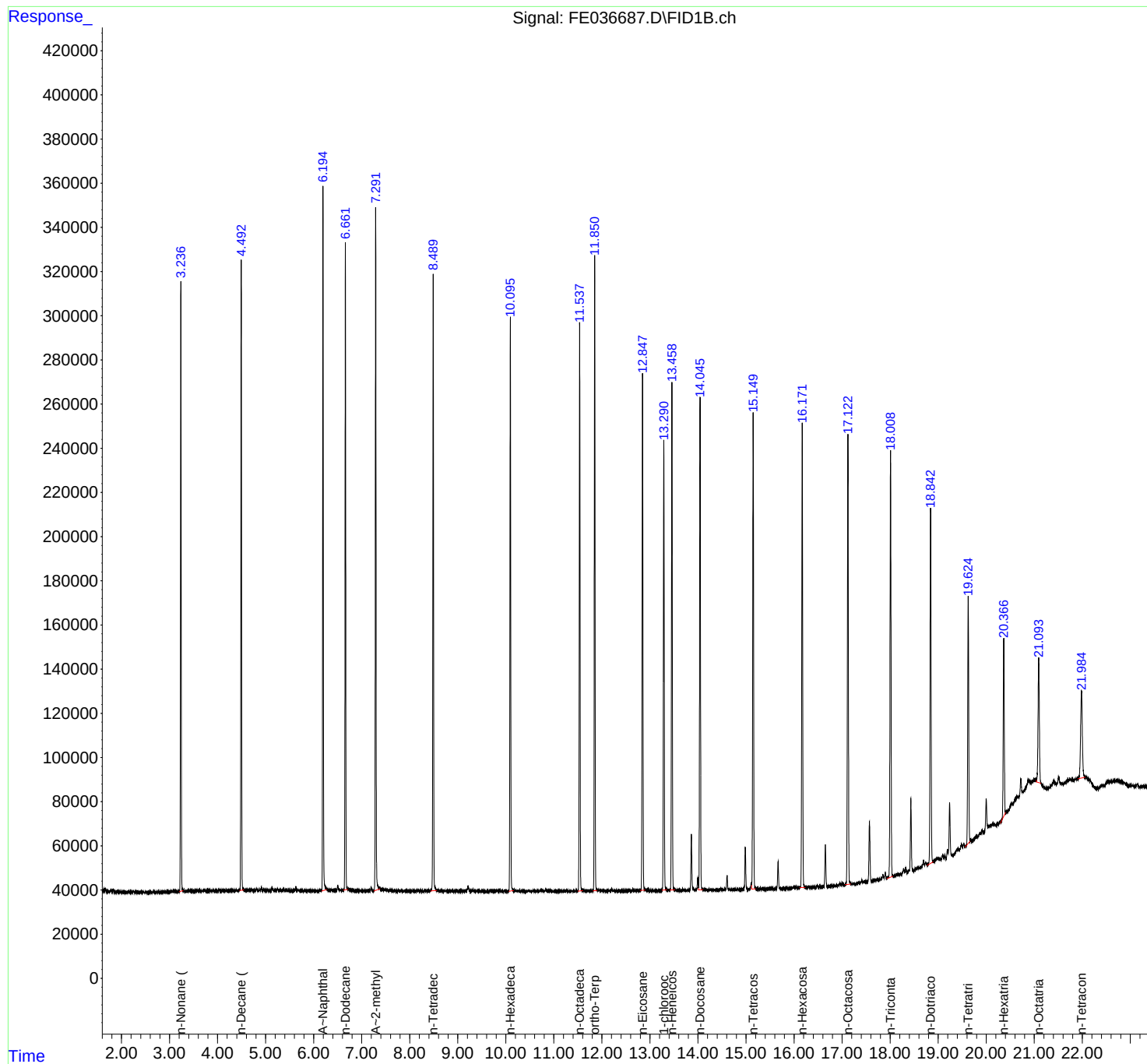
(f)=RT Delta > 1/2 Window

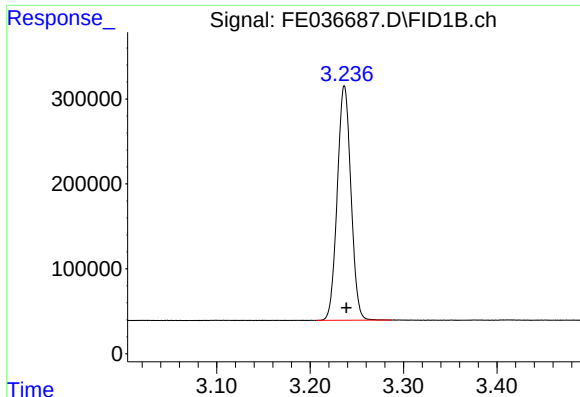
(m)=manual int.

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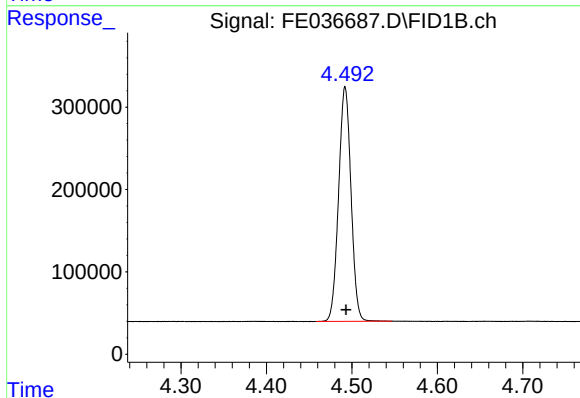
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Signal Info : 20M x 0.18mm x 0.18um





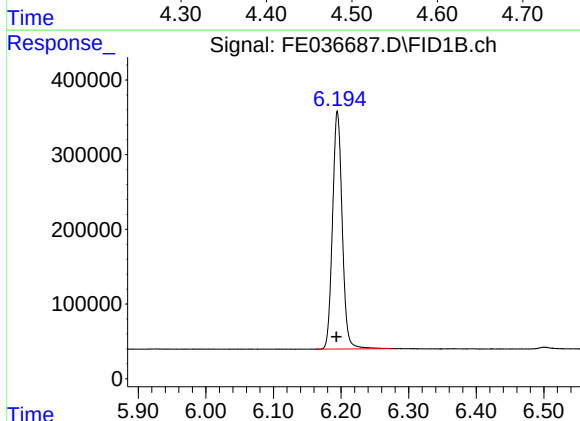
#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 2807035
Conc: 18.21 ug/ml



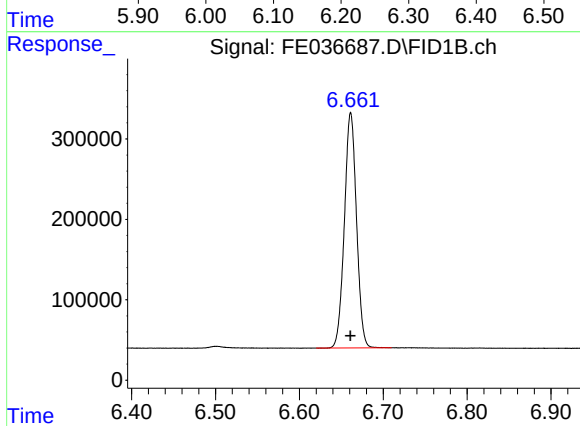
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.001 min
Response: 2875903
Conc: 18.66 ug/ml



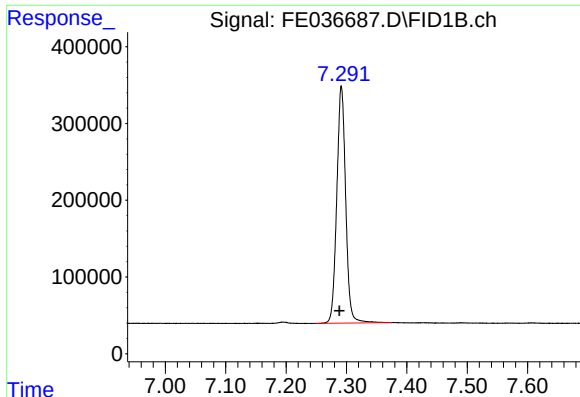
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: 0.001 min
Response: 3177013
Conc: 18.59 ug/ml



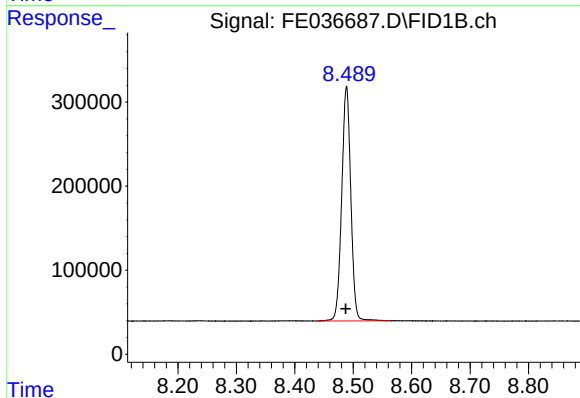
#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 2938953
Conc: 18.71 ug/ml



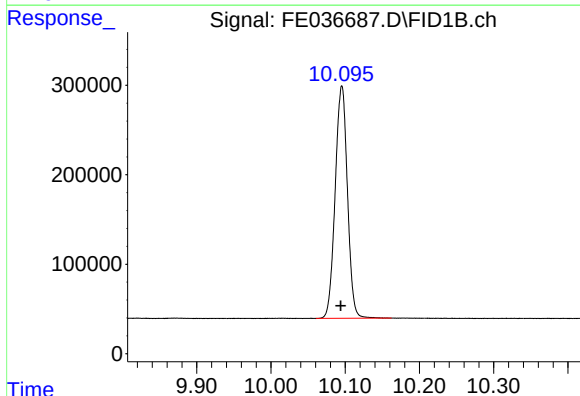
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.292 min
Delta R.T.: 0.003 min
Response: 3176156
Conc: 18.48 ug/ml



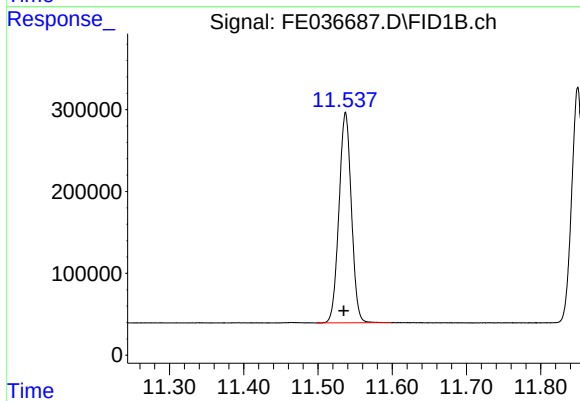
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: 0.001 min
Response: 3024883
Conc: 18.53 ug/ml



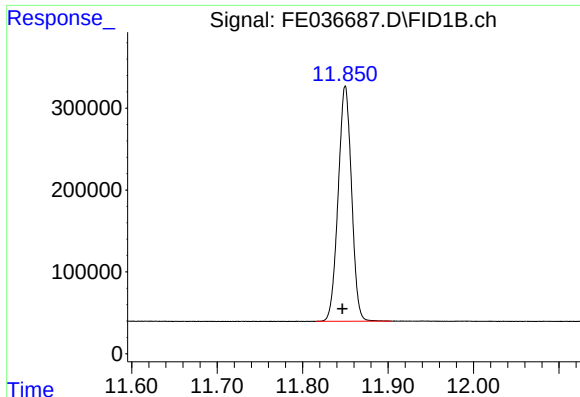
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: 0.002 min
Response: 2981548
Conc: 18.09 ug/ml



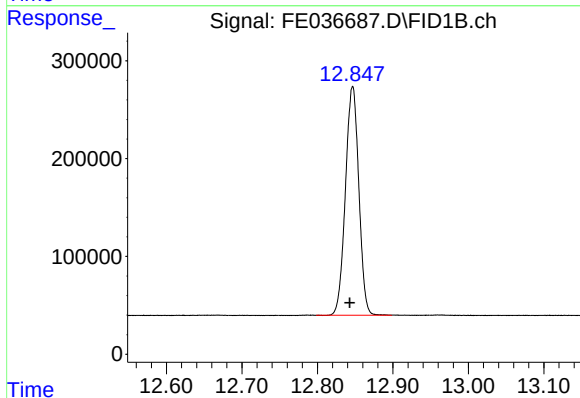
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: 0.002 min
Response: 2980155
Conc: 17.54 ug/ml



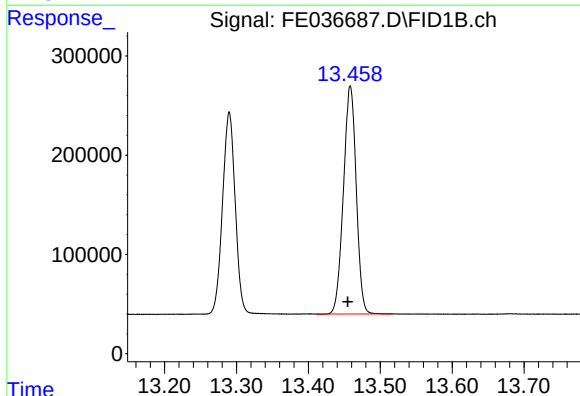
#9 ortho-Terphenyl (SURR)

R.T.: 11.850 min
Delta R.T.: 0.003 min
Response: 3129944
Conc: 16.81 ug/ml



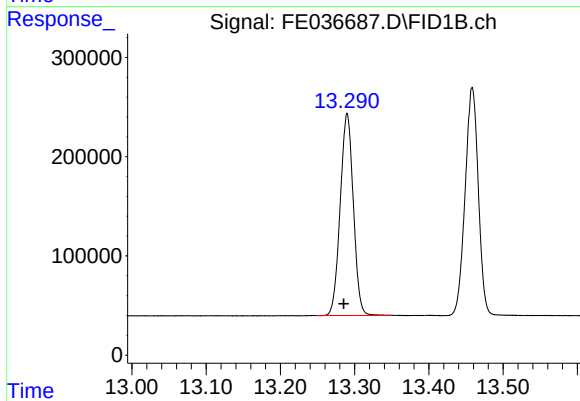
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: 0.004 min
Response: 2884153
Conc: 16.96 ug/ml



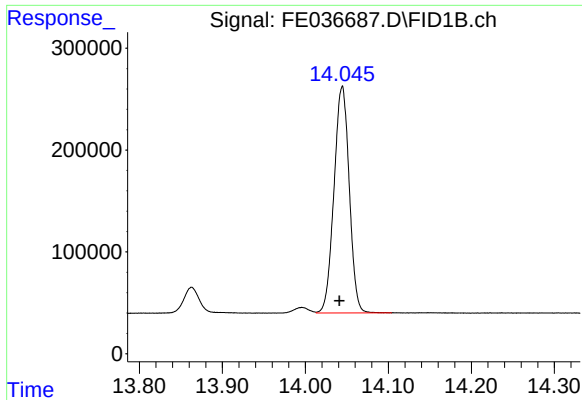
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: 0.004 min
Response: 2837749
Conc: 16.58 ug/ml



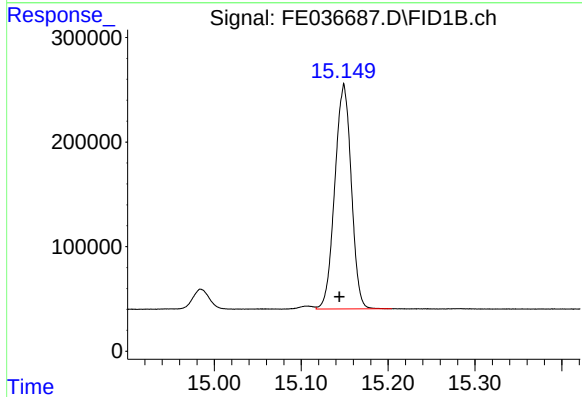
#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: 0.005 min
Response: 2501509
Conc: 16.44 ug/ml



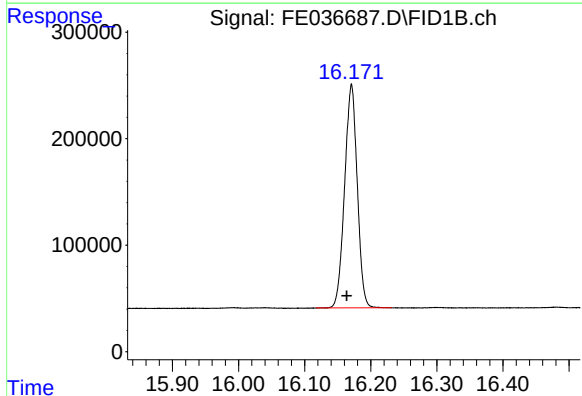
#13 n-Docosane (C22)

R.T.: 14.044 min
Delta R.T.: 0.003 min
Response: 2844147
Conc: 16.66 ug/ml



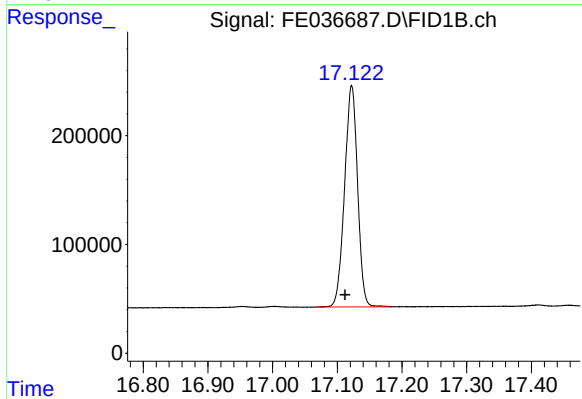
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: 0.005 min
Response: 2828993
Conc: 16.60 ug/ml



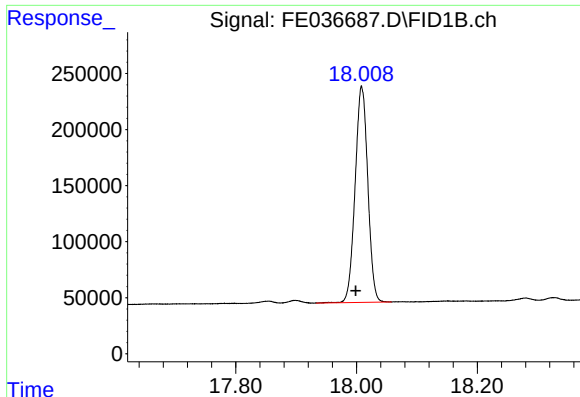
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: 0.007 min
Response: 2787409
Conc: 16.67 ug/ml



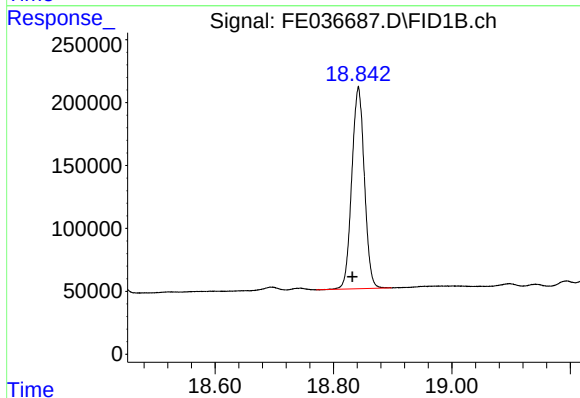
#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: 0.010 min
Response: 2839253
Conc: 17.38 ug/ml



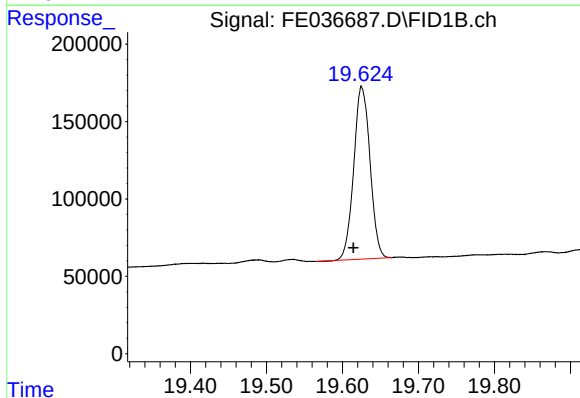
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: 0.010 min
Response: 2812399
Conc: 18.51 ug/ml



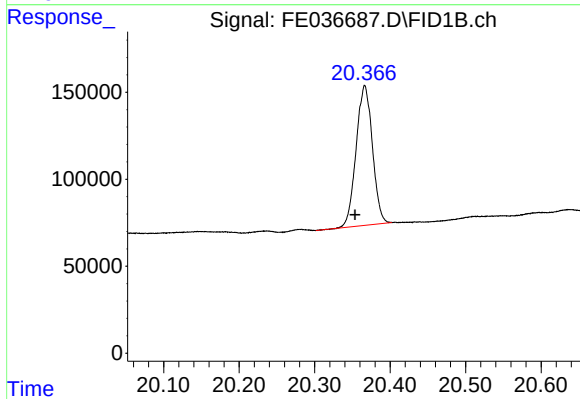
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: 0.010 min
Response: 2367158
Conc: 19.68 ug/ml



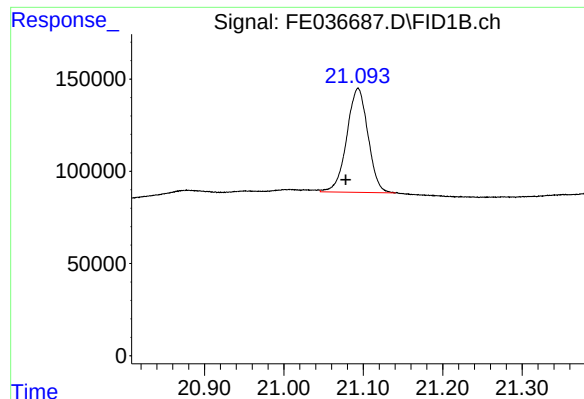
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: 0.011 min
Response: 1660206
Conc: 19.94 ug/ml



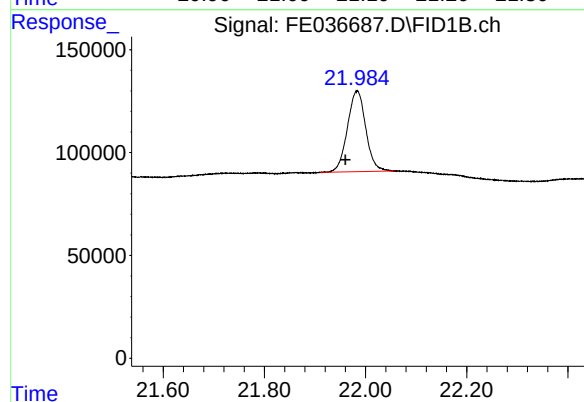
#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: 0.013 min
Response: 1204619
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: 0.015 min
Response: 1045101
Conc: 20.84 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.023 min
Response: 990209
Conc: 19.17 ug/ml