

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072522AL\
 Data File : FE036676.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2022 11:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 26 03:32:14 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)	11.853	3147474	16.899 ug/ml
Spiked Amount 50.000		Recovery =	33.80%
12) S 1-chlorooctadecane (S...	13.293	2518750	16.555 ug/ml
Spiked Amount 50.000		Recovery =	33.11%
Target Compounds			
1) T n-Nonane (C9)	3.237	2806705	18.207 ug/ml
2) T n-Decane (C10)	4.493	2874764	18.649 ug/ml
3) T A~Naphthalene (C11.7)	6.196	3177547	18.595 ug/ml
4) T n-Dodecane (C12)	6.663	2940073	18.720 ug/ml
5) T A~2-methylnaphthalene...	7.293	3192697	18.576 ug/ml
6) T n-Tetradecane (C14)	8.490	3028389	18.550 ug/ml
7) T n-Hexadecane (C16)	10.097	2987325	18.124 ug/ml
8) T n-Octadecane (C18)	11.539	2989284	17.589 ug/ml
10) T n-Eicosane (C20)	12.848	2903393	17.069 ug/ml
11) T n-Heneicosane (C21)	13.460	2861074	16.716 ug/ml
13) T n-Docosane (C22)	14.046	2866418	16.789 ug/ml
14) T n-Tetracosane (C24)	15.150	2855006	16.748 ug/ml
15) T n-Hexacosane (C26)	16.172	2813687	16.829 ug/ml
16) T n-Octacosane (C28)	17.123	2851938	17.462 ug/ml
17) T n-Tricontane (C30)	18.012	2789469	18.357 ug/ml
18) T n-Dotriacontane (C32)	18.846	2349025	19.531 ug/ml
19) T n-Tetratriacontane (C34)	19.628	1655364	19.878 ug/ml
20) T n-Hexatriacontane (C36)	20.365	1185488	20.190 ug/mlm
21) T n-Octatriacontane (C38)	21.094	975701	19.460 ug/ml
22) T n-Tetracontane (C40)	21.984	1297709	25.129 ug/mlm

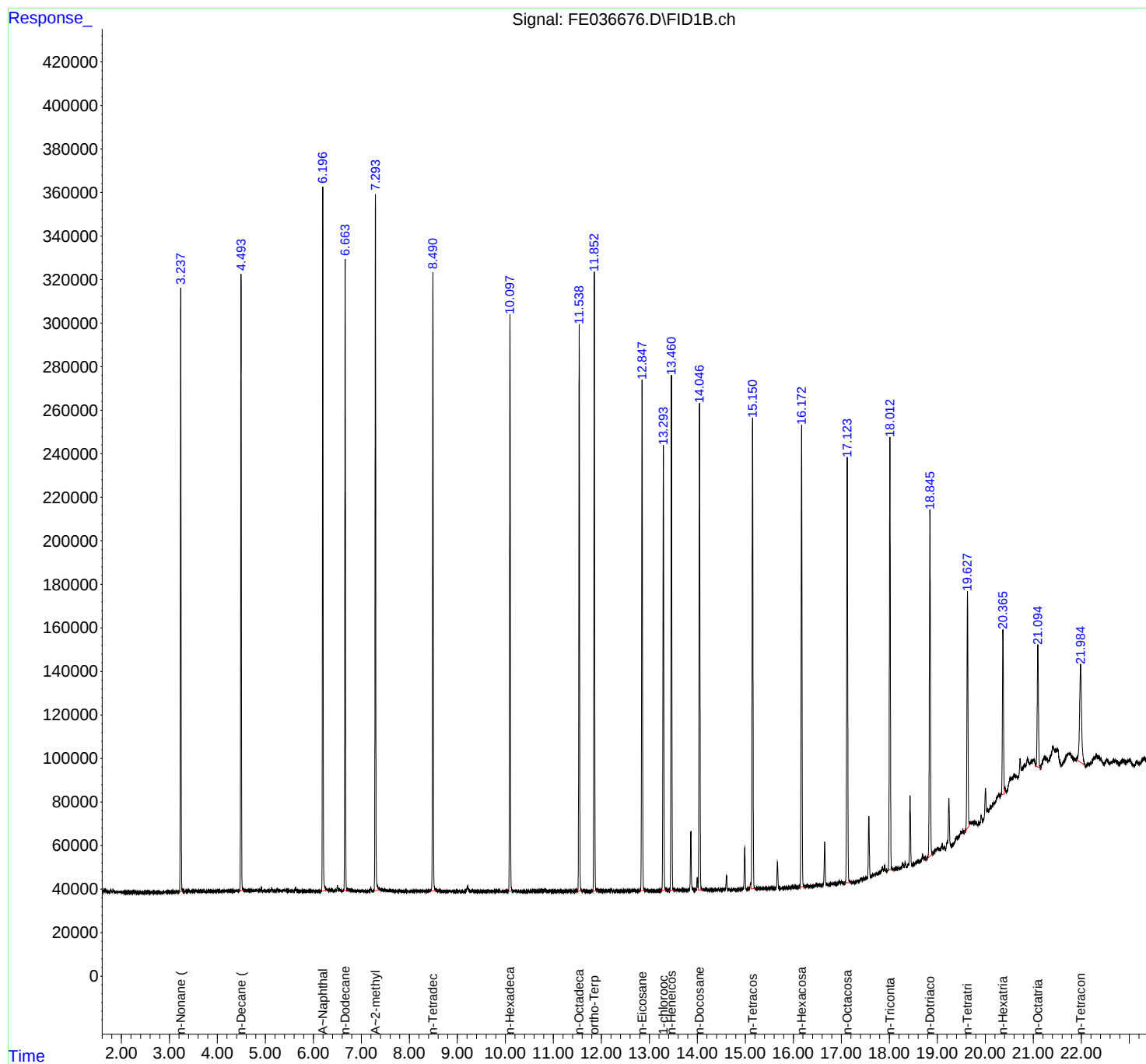
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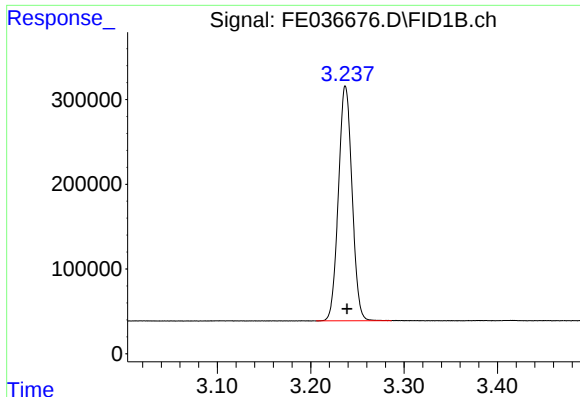
(m)=manual int.

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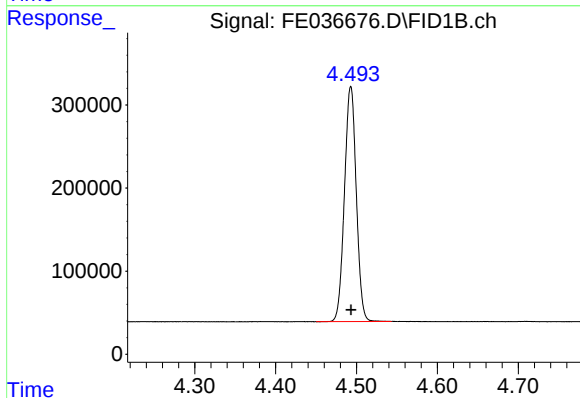
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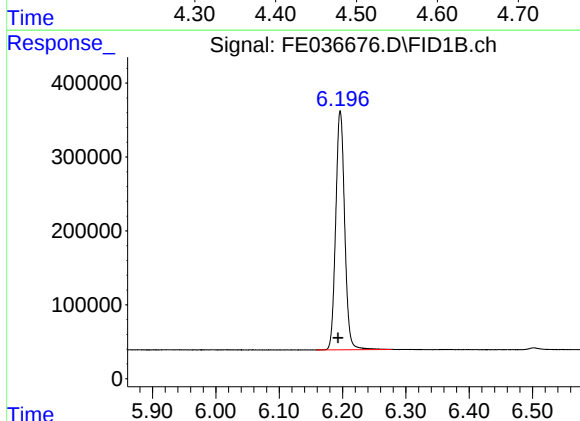
#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 2806705
Conc: 18.21 ug/ml



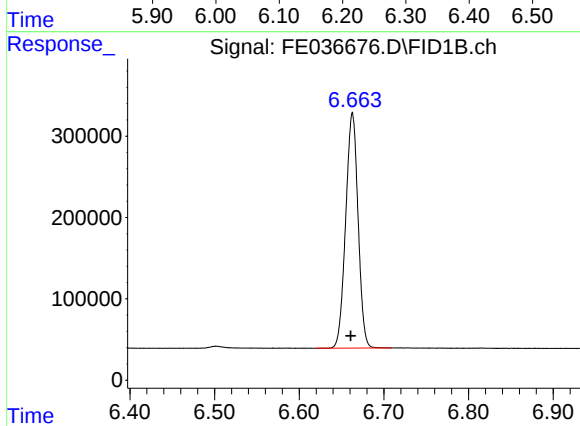
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 2874764
Conc: 18.65 ug/ml



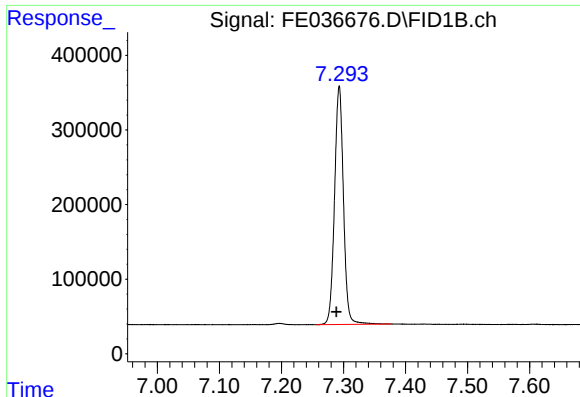
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 3177547
Conc: 18.59 ug/ml



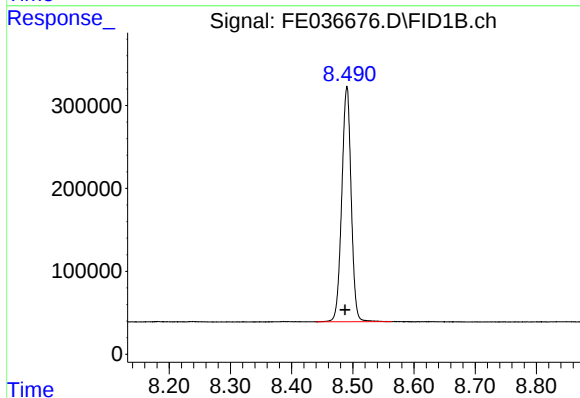
#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: 0.002 min
Response: 2940073
Conc: 18.72 ug/ml



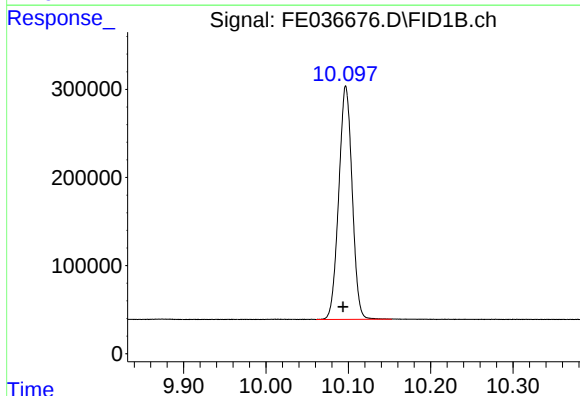
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: 0.005 min
Response: 3192697
Conc: 18.58 ug/ml



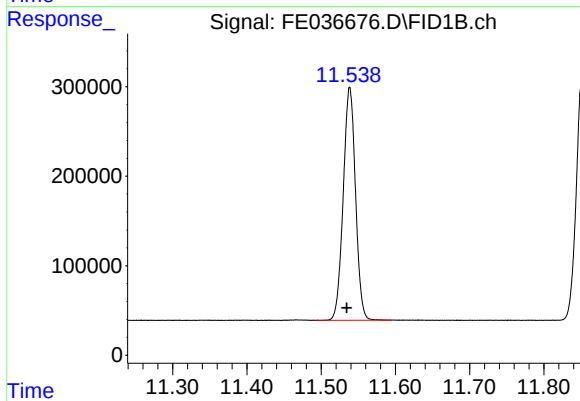
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 3028389
Conc: 18.55 ug/ml



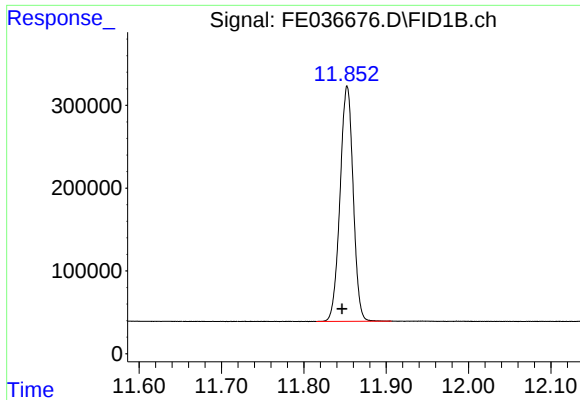
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: 0.003 min
Response: 2987325
Conc: 18.12 ug/ml



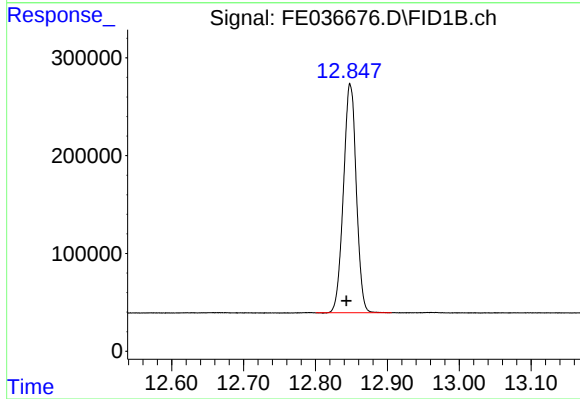
#8 n-Octadecane (C18)

R.T.: 11.539 min
Delta R.T.: 0.004 min
Response: 2989284
Conc: 17.59 ug/ml



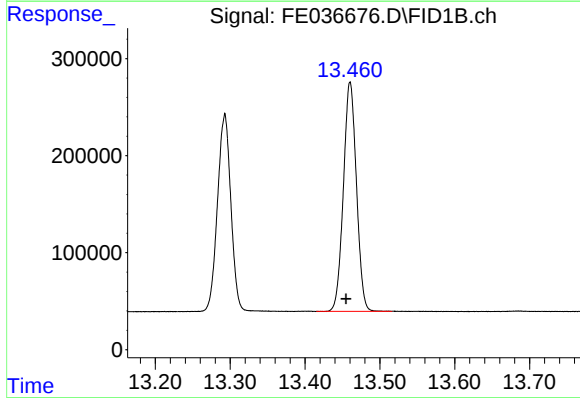
#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: 0.006 min
Response: 3147474
Conc: 16.90 ug/ml



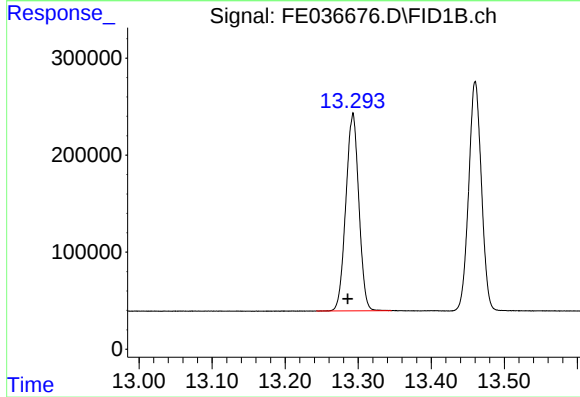
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: 0.005 min
Response: 2903393
Conc: 17.07 ug/ml



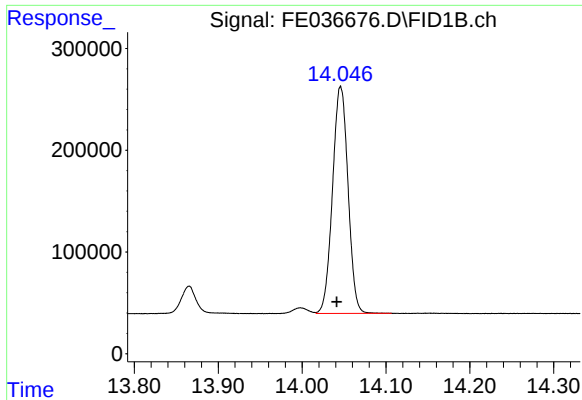
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: 0.005 min
Response: 2861074
Conc: 16.72 ug/ml



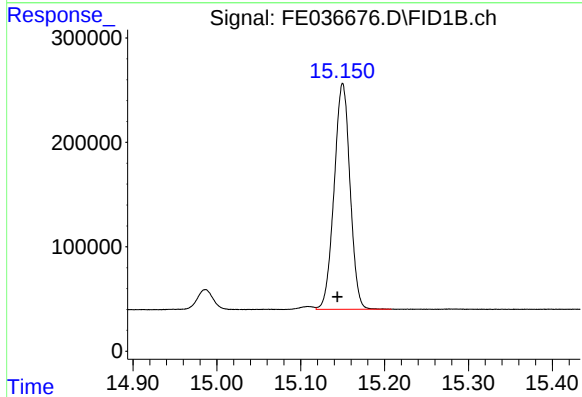
#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: 0.007 min
Response: 2518750
Conc: 16.55 ug/ml



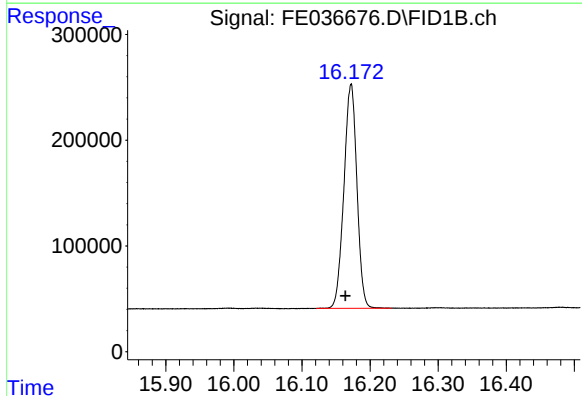
#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: 0.005 min
Response: 2866418
Conc: 16.79 ug/ml



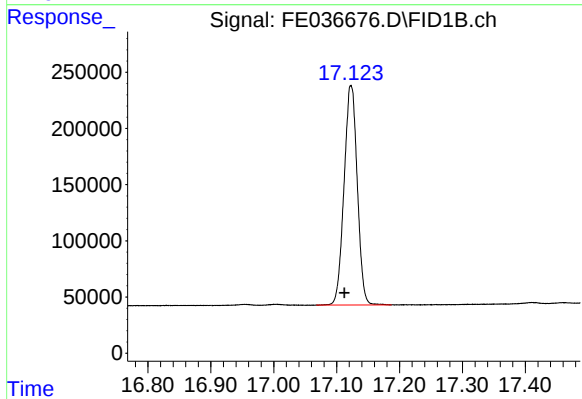
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.006 min
Response: 2855006
Conc: 16.75 ug/ml



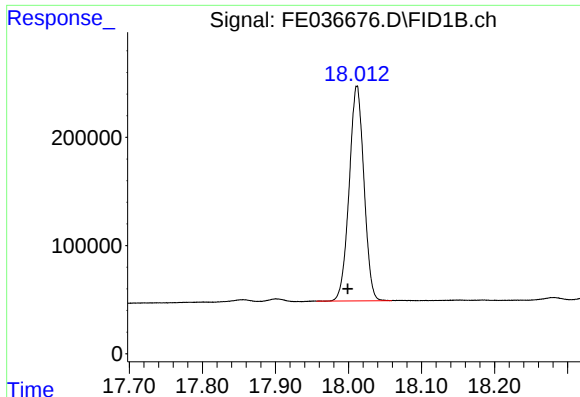
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: 0.008 min
Response: 2813687
Conc: 16.83 ug/ml



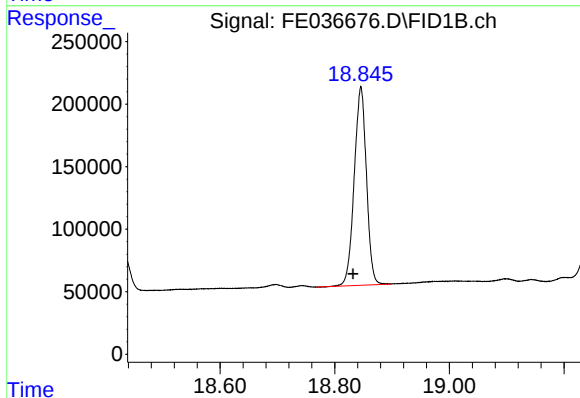
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: 0.011 min
Response: 2851938
Conc: 17.46 ug/ml



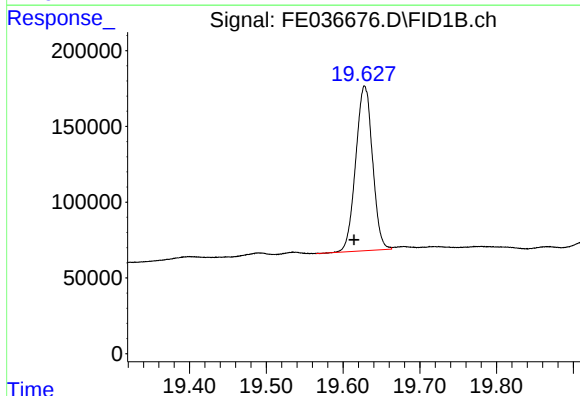
#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: 0.013 min
Response: 2789469
Conc: 18.36 ug/ml



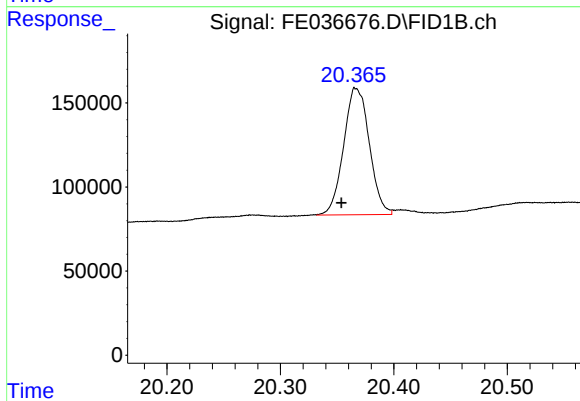
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: 0.014 min
Response: 2349025
Conc: 19.53 ug/ml



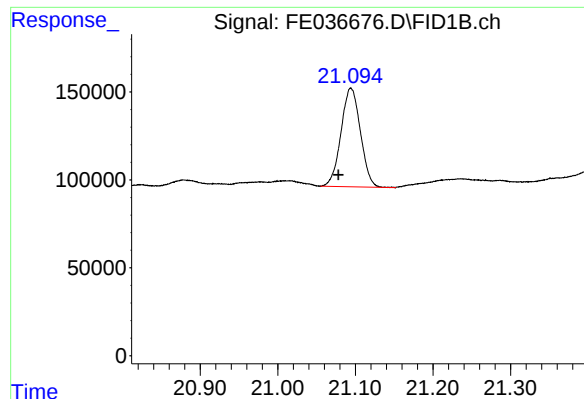
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: 0.014 min
Response: 1655364
Conc: 19.88 ug/ml



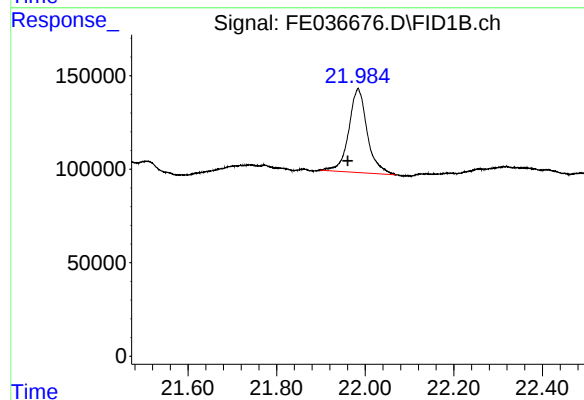
#20 n-Hexatriacontane (C36)

R.T.: 20.365 min
Delta R.T.: 0.011 min
Response: 1185488
Conc: 20.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: 0.016 min
Response: 975701
Conc: 19.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.023 min
Response: 1297709
Conc: 25.13 ug/ml m