

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072522AL\
 Data File : FE036707.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jul 2022 06:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 26 07:16:51 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)	11.852	3208387	17.226 ug/ml
Spiked Amount 50.000		Recovery =	34.45%
12) S 1-chlorooctadecane (S...	13.291	2555179	16.794 ug/ml
Spiked Amount 50.000		Recovery =	33.59%
Target Compounds			
1) T n-Nonane (C9)	3.237	2898371	18.801 ug/ml
2) T n-Decane (C10)	4.492	2969487	19.264 ug/ml
3) T A~Naphthalene (C11.7)	6.196	3273252	19.155 ug/ml
4) T n-Dodecane (C12)	6.662	3022488	19.245 ug/ml
5) T A~2-methylnaphthalene...	7.292	3272564	19.041 ug/ml
6) T n-Tetradecane (C14)	8.489	3080735	18.870 ug/ml
7) T n-Hexadecane (C16)	10.095	3056531	18.544 ug/ml
8) T n-Octadecane (C18)	11.538	3042661	17.903 ug/ml
10) T n-Eicosane (C20)	12.847	2946661	17.323 ug/ml
11) T n-Heneicosane (C21)	13.460	2894501	16.912 ug/ml
13) T n-Docosane (C22)	14.045	2907148	17.027 ug/ml
14) T n-Tetracosane (C24)	15.149	2903628	17.034 ug/ml
15) T n-Hexacosane (C26)	16.170	2885447	17.259 ug/ml
16) T n-Octacosane (C28)	17.120	2971856	18.196 ug/ml
17) T n-Tricontane (C30)	18.010	2945716	19.385 ug/ml
18) T n-Dotriacontane (C32)	18.843	2483948	20.653 ug/ml
19) T n-Tetratriacontane (C34)	19.626	1786647	21.454 ug/mlm
20) T n-Hexatriacontane (C36)	20.368	1340262	22.826 ug/mlm
21) T n-Octatriacontane (C38)	21.093	1091587	21.772 ug/mlm
22) T n-Tetracontane (C40)	21.981	1279539	24.777 ug/mlm

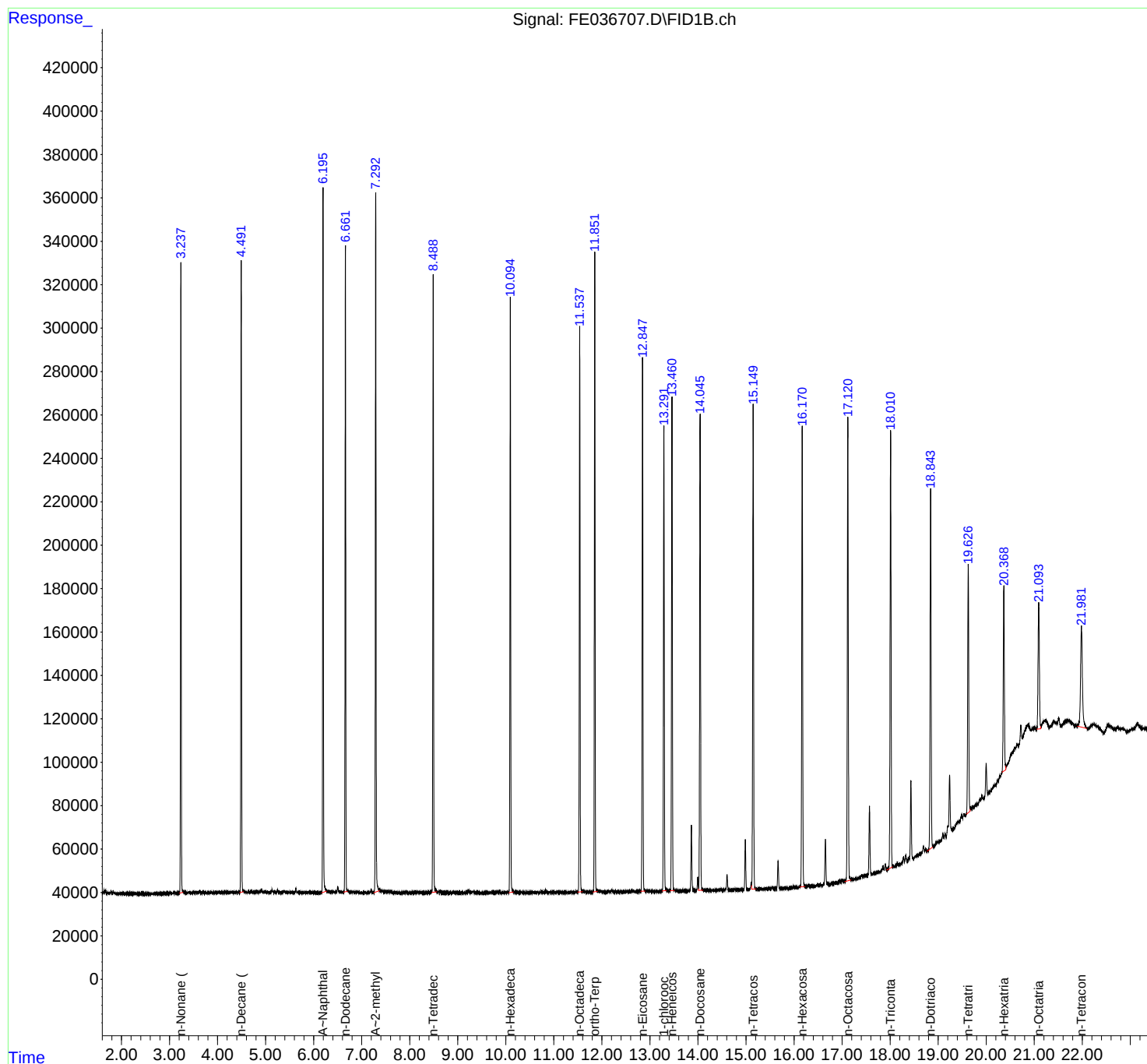
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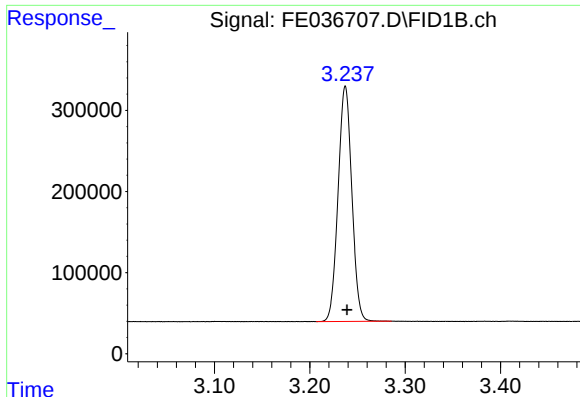
(m)=manual int.

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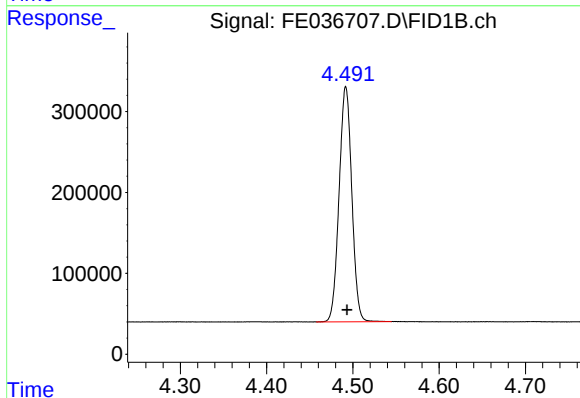
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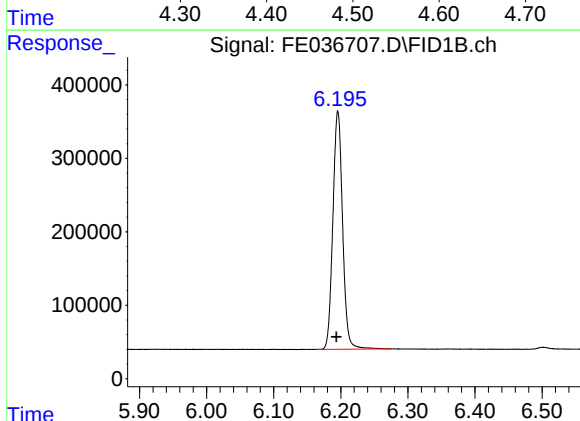
#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 2898371
Conc: 18.80 ug/ml



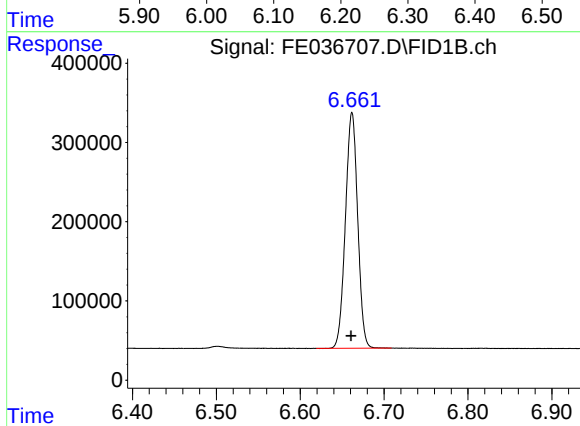
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.001 min
Response: 2969487
Conc: 19.26 ug/ml



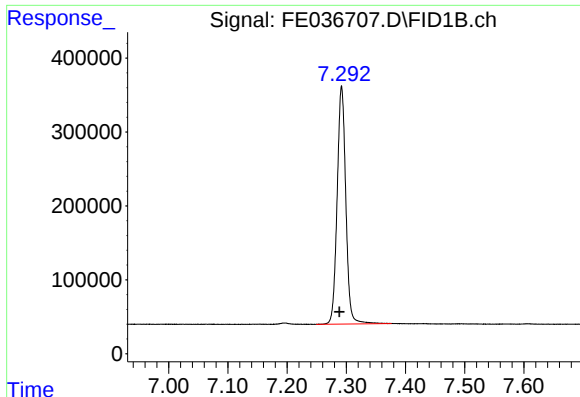
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: 0.002 min
Response: 3273252
Conc: 19.15 ug/ml



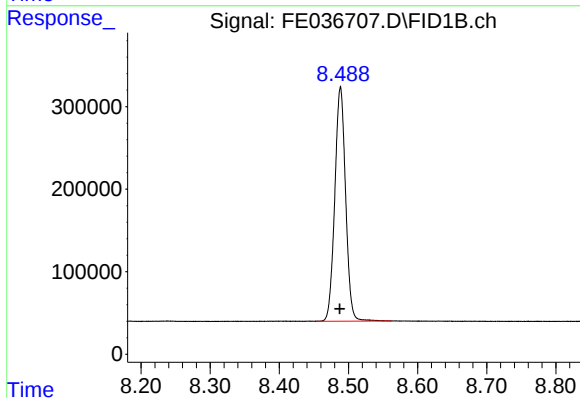
#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 3022488
Conc: 19.24 ug/ml



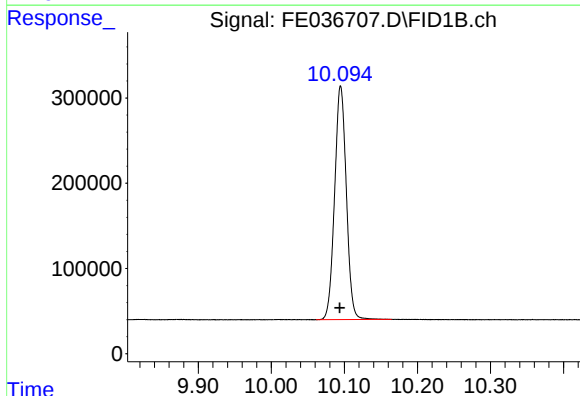
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.292 min
Delta R.T.: 0.004 min
Response: 3272564
Conc: 19.04 ug/ml



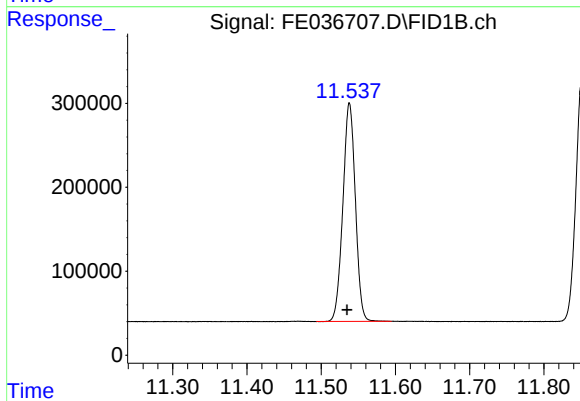
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: 0.001 min
Response: 3080735
Conc: 18.87 ug/ml



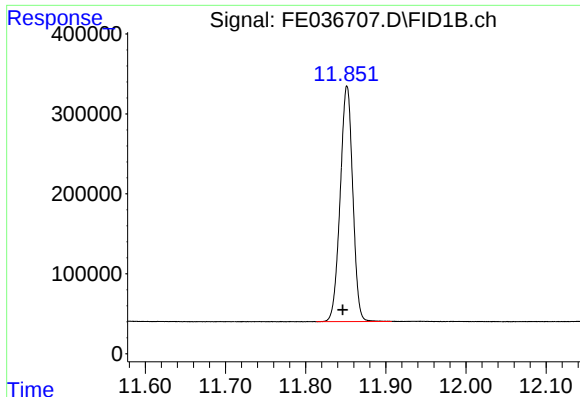
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: 0.001 min
Response: 3056531
Conc: 18.54 ug/ml



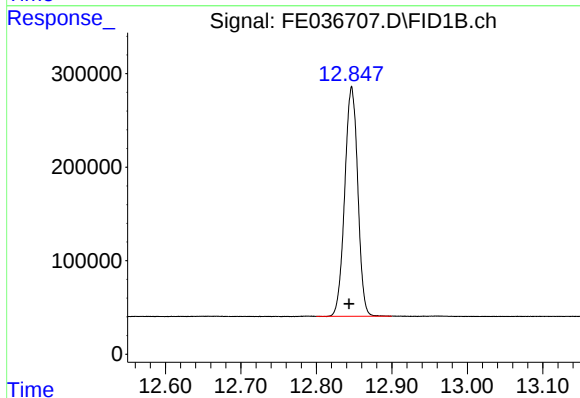
#8 n-Octadecane (C18)

R.T.: 11.538 min
Delta R.T.: 0.003 min
Response: 3042661
Conc: 17.90 ug/ml



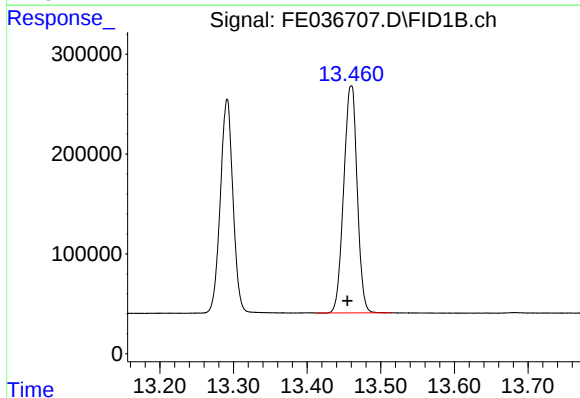
#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min
Delta R.T.: 0.005 min
Response: 3208387
Conc: 17.23 ug/ml



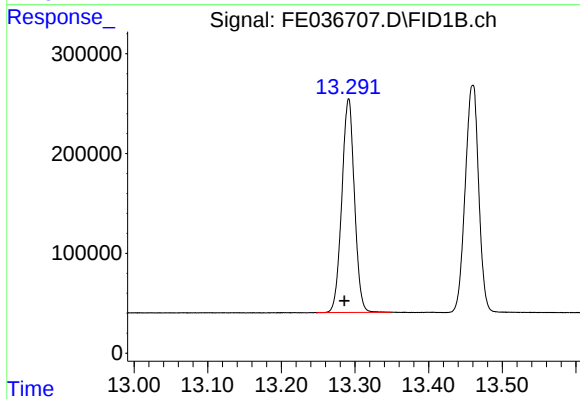
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: 0.004 min
Response: 2946661
Conc: 17.32 ug/ml



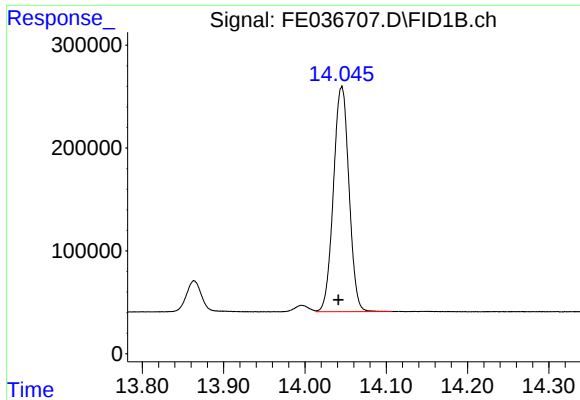
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: 0.005 min
Response: 2894501
Conc: 16.91 ug/ml



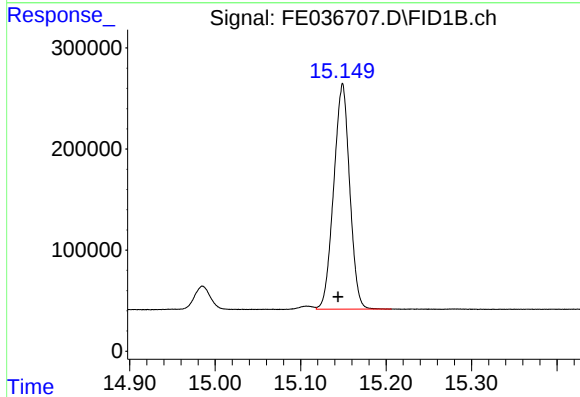
#12 1-chlorooctadecane (SURR)

R.T.: 13.291 min
Delta R.T.: 0.006 min
Response: 2555179
Conc: 16.79 ug/ml



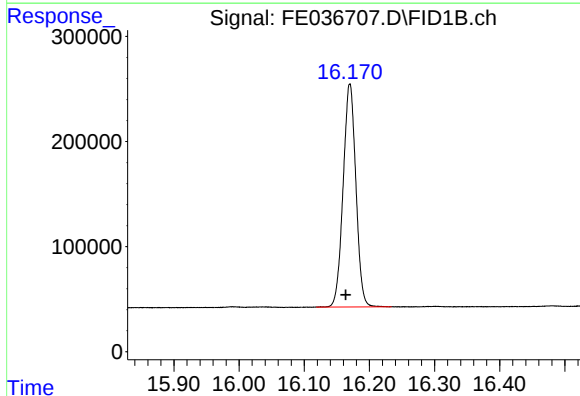
#13 n-Docosane (C22)

R.T.: 14.045 min
Delta R.T.: 0.004 min
Response: 2907148
Conc: 17.03 ug/ml



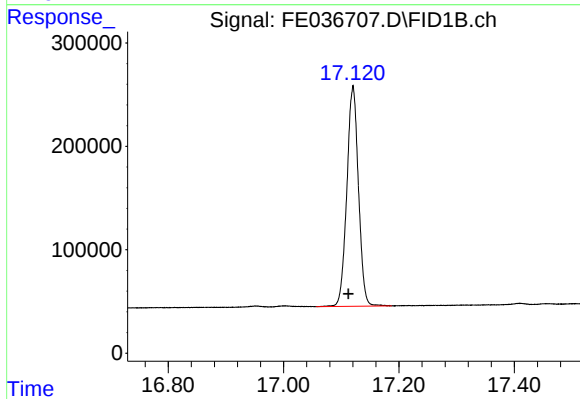
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: 0.005 min
Response: 2903628
Conc: 17.03 ug/ml



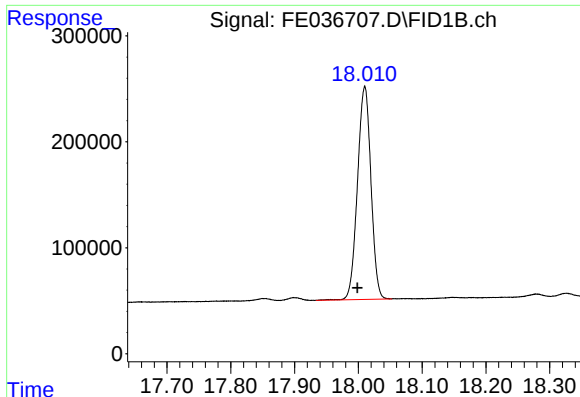
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: 0.006 min
Response: 2885447
Conc: 17.26 ug/ml



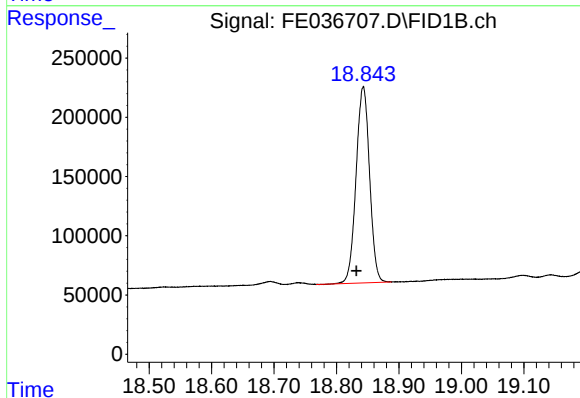
#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: 0.008 min
Response: 2971856
Conc: 18.20 ug/ml



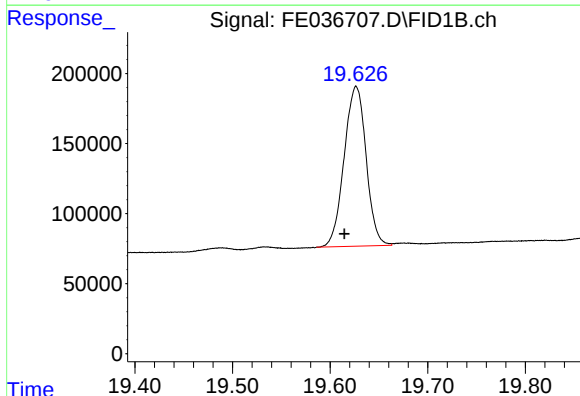
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: 0.011 min
Response: 2945716
Conc: 19.38 ug/ml



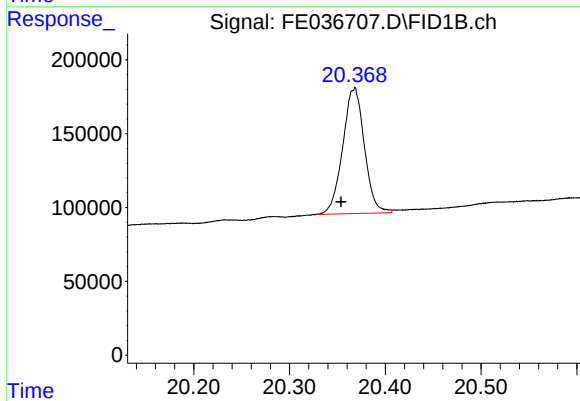
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: 0.011 min
Response: 2483948
Conc: 20.65 ug/ml



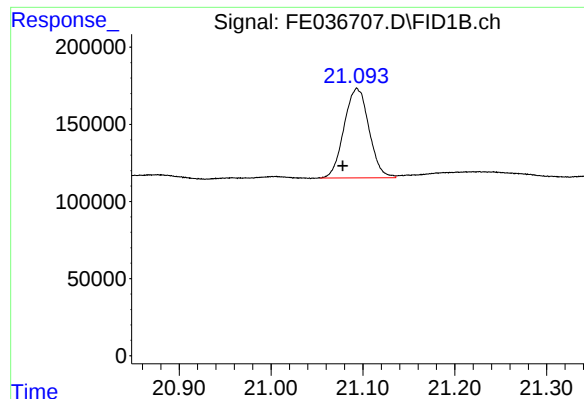
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: 0.012 min
Response: 1786647
Conc: 21.45 ug/ml m



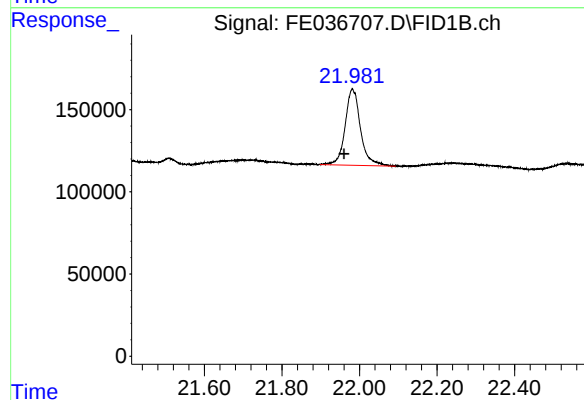
#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: 0.014 min
Response: 1340262
Conc: 22.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: 0.015 min
Response: 1091587
Conc: 21.77 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.981 min
Delta R.T.: 0.021 min
Response: 1279539
Conc: 24.78 ug/ml m