

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080922AL\
 Data File : FE036951.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2022 09:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 10:45:19 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)	11.830	3247888	17.439 ug/ml
Spiked Amount 50.000		Recovery =	34.88%
12) S 1-chlorooctadecane (S...	13.271	2574119	16.919 ug/ml
Spiked Amount 50.000		Recovery =	33.84%
Target Compounds			
1) T n-Nonane (C9)	3.220	2899040	18.806 ug/mlm
2) T n-Decane (C10)	4.475	2984323	19.360 ug/ml
3) T A~Naphthalene (C11.7)	6.177	3272132	19.148 ug/ml
4) T n-Dodecane (C12)	6.643	3060942	19.489 ug/ml
5) T A~2-methylnaphthalene...	7.273	3258130	18.957 ug/ml
6) T n-Tetradecane (C14)	8.470	3094922	18.957 ug/ml
7) T n-Hexadecane (C16)	10.075	3029237	18.378 ug/ml
8) T n-Octadecane (C18)	11.517	3048812	17.939 ug/ml
10) T n-Eicosane (C20)	12.827	2984472	17.545 ug/ml
11) T n-Heneicosane (C21)	13.437	2928799	17.112 ug/ml
13) T n-Docosane (C22)	14.024	3017376	17.673 ug/ml
14) T n-Tetracosane (C24)	15.129	3213904	18.854 ug/ml
15) T n-Hexacosane (C26)	16.150	3193517	19.101 ug/ml
16) T n-Octacosane (C28)	17.100	3294854	20.173 ug/ml
17) T n-Tricontane (C30)	17.989	3311505	21.792 ug/ml
18) T n-Dotriacontane (C32)	18.820	2673810	22.232 ug/mlm
19) T n-Tetratriacontane (C34)	19.605	1894919	22.755 ug/mlm
20) T n-Hexatriacontane (C36)	20.346	1425818	24.283 ug/mlm
21) T n-Octatriacontane (C38)	21.068	1211492	24.163 ug/mlm
22) T n-Tetracontane (C40)	21.950	1096231	21.227 ug/mlm

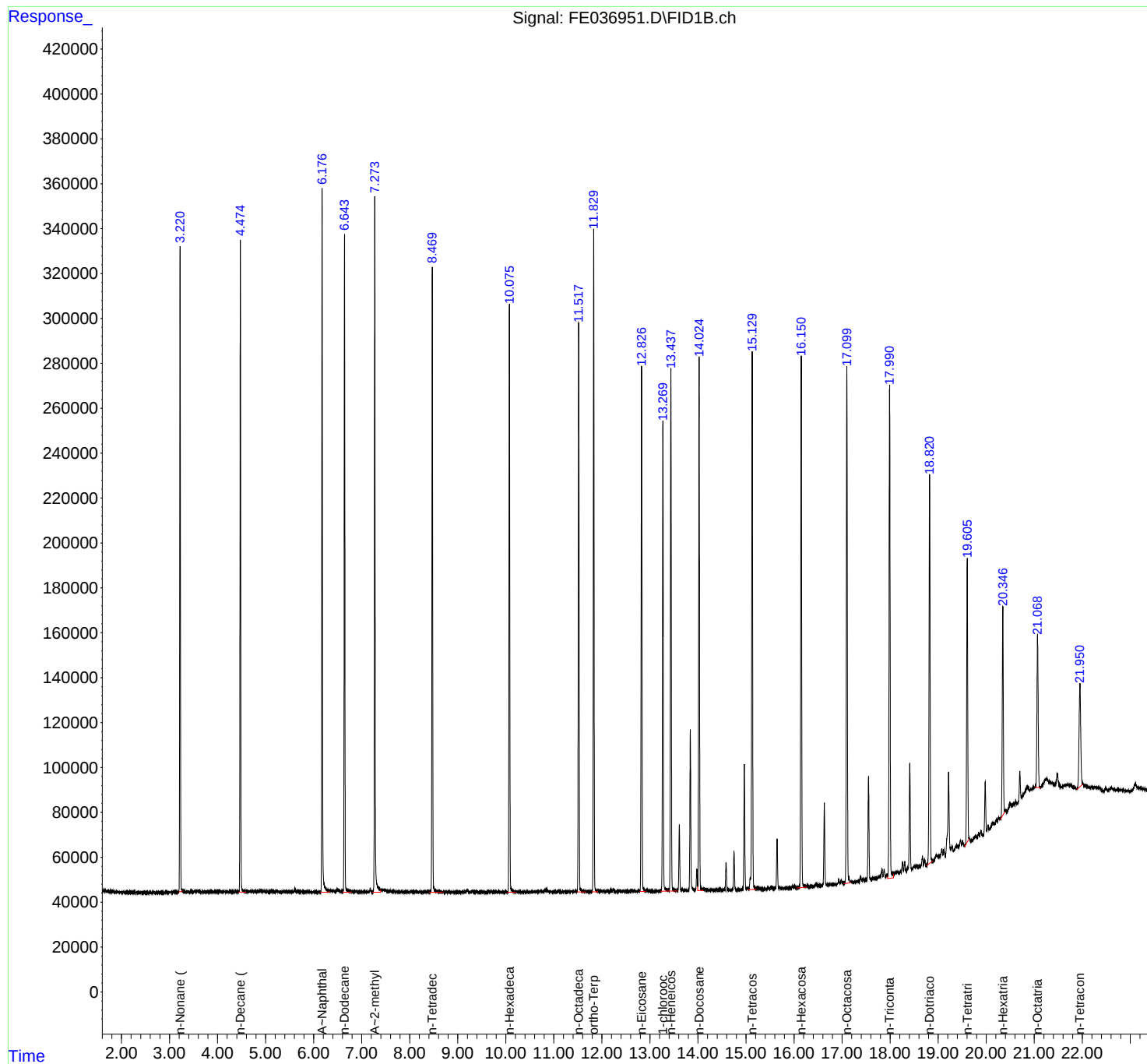
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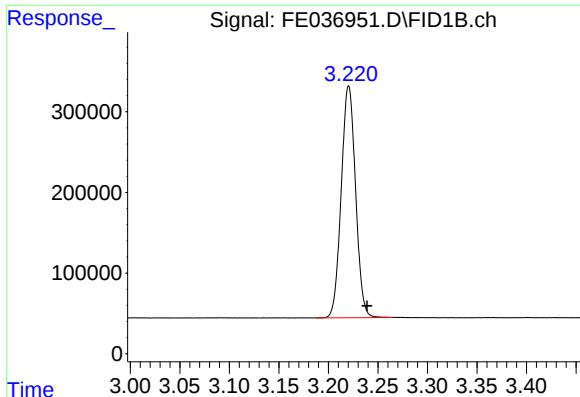
(m)=manual int.

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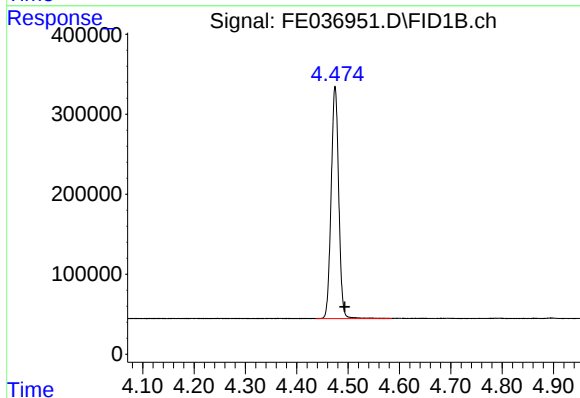
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





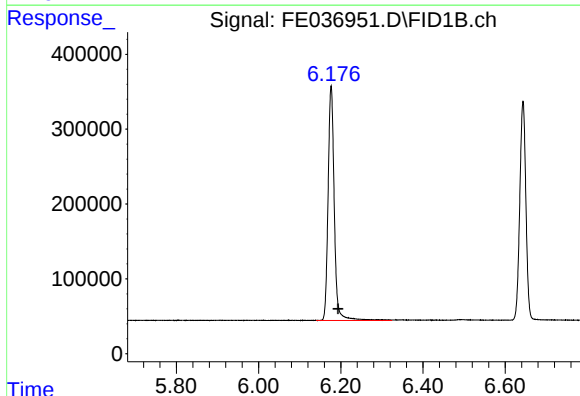
#1 n-Nonane (C9)

R.T.: 3.220 min
Delta R.T.: -0.019 min
Response: 2899040
Conc: 18.81 ug/ml m



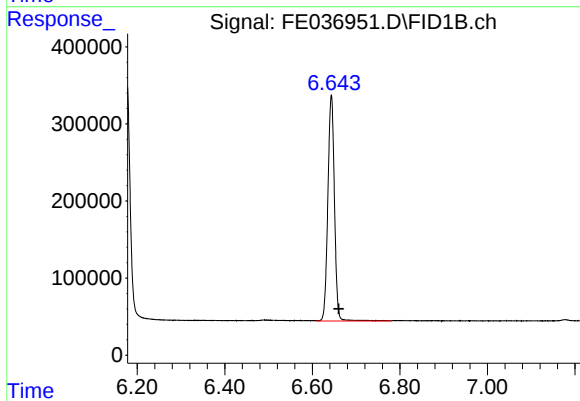
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.019 min
Response: 2984323
Conc: 19.36 ug/ml



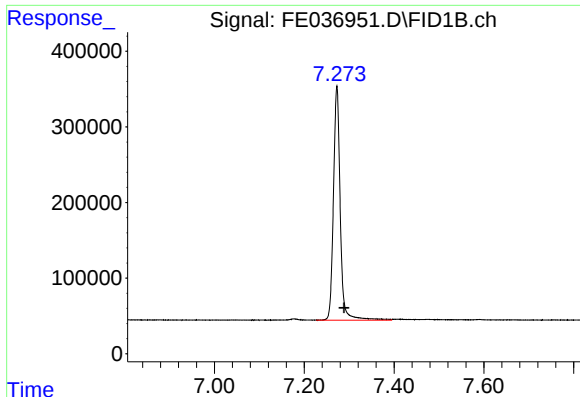
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: -0.017 min
Response: 3272132
Conc: 19.15 ug/ml



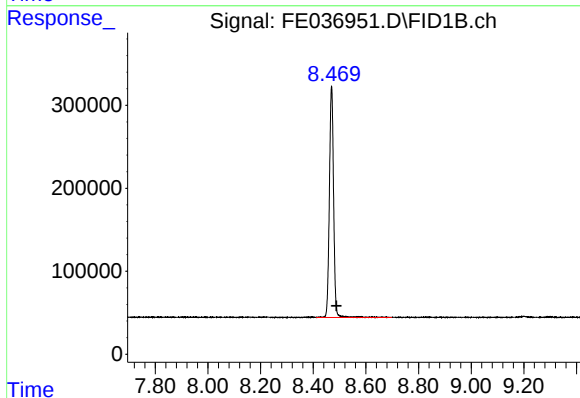
#4 n-Dodecane (C12)

R.T.: 6.643 min
Delta R.T.: -0.017 min
Response: 3060942
Conc: 19.49 ug/ml



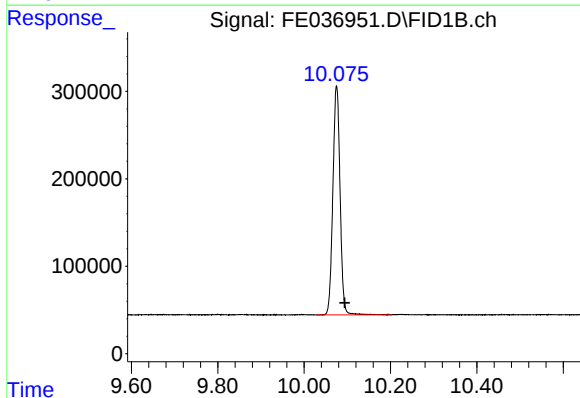
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: -0.016 min
Response: 3258130
Conc: 18.96 ug/ml



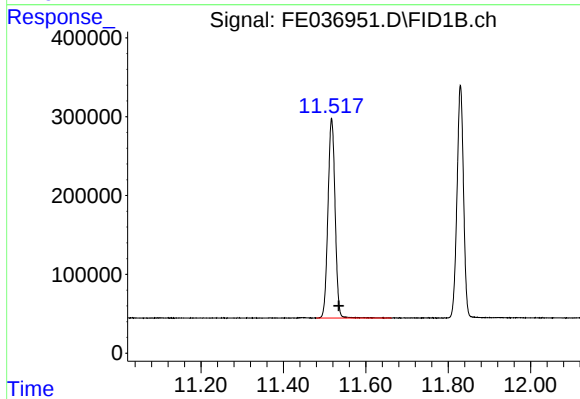
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.018 min
Response: 3094922
Conc: 18.96 ug/ml



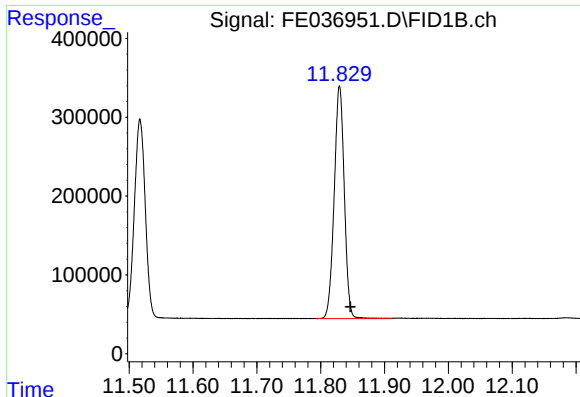
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.019 min
Response: 3029237
Conc: 18.38 ug/ml



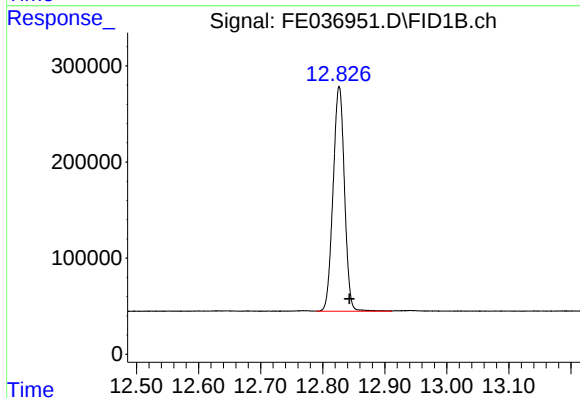
#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.018 min
Response: 3048812
Conc: 17.94 ug/ml



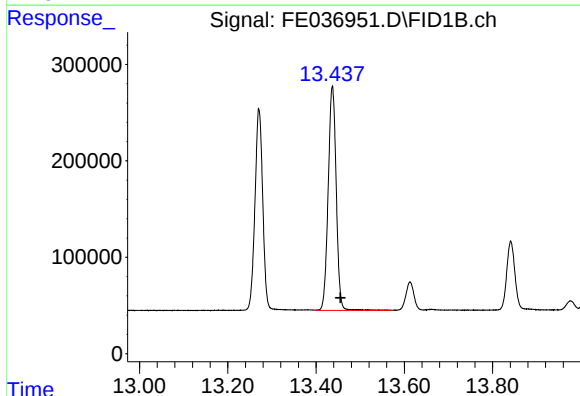
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.017 min
Response: 3247888
Conc: 17.44 ug/ml



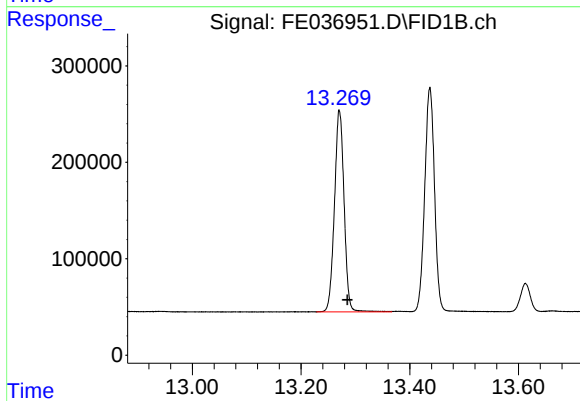
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.017 min
Response: 2984472
Conc: 17.55 ug/ml



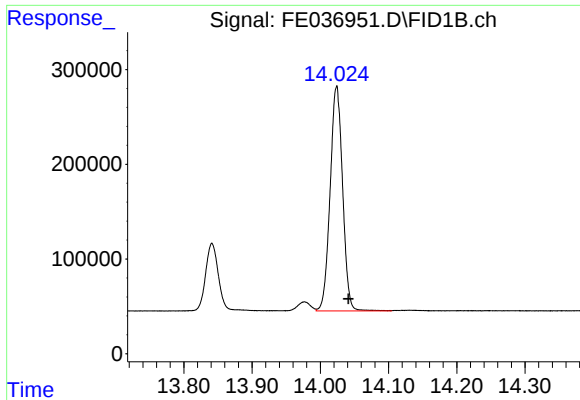
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.018 min
Response: 2928799
Conc: 17.11 ug/ml



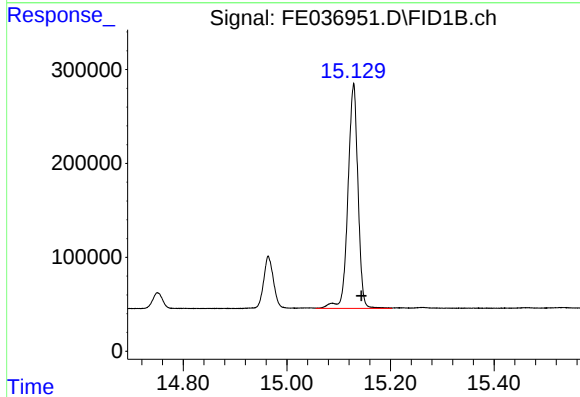
#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.015 min
Response: 2574119
Conc: 16.92 ug/ml



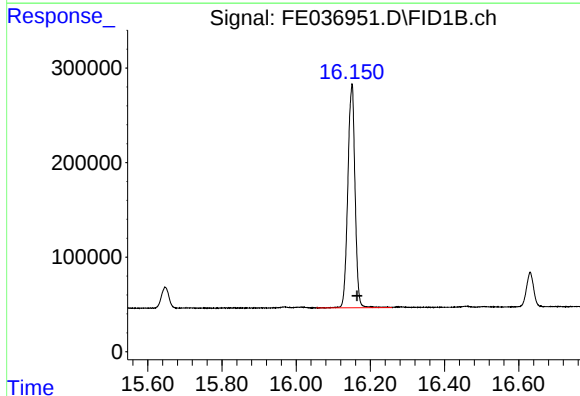
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.017 min
Response: 3017376
Conc: 17.67 ug/ml



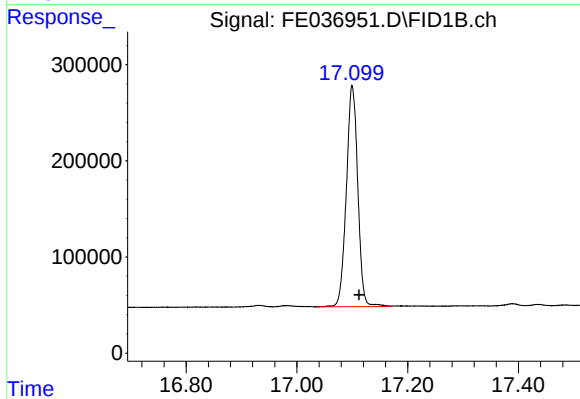
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.015 min
Response: 3213904
Conc: 18.85 ug/ml



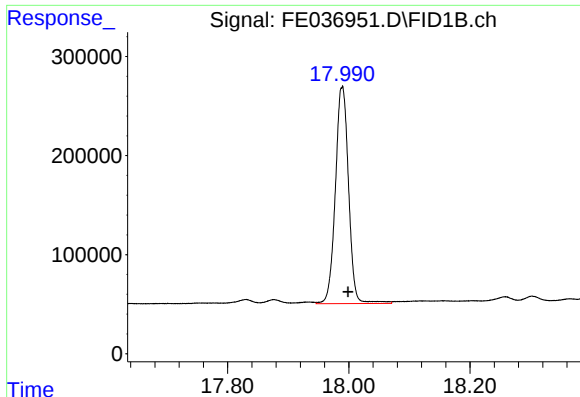
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 3193517
Conc: 19.10 ug/ml



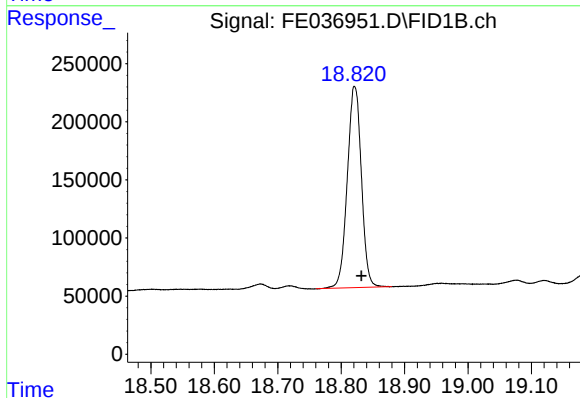
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.012 min
Response: 3294854
Conc: 20.17 ug/ml



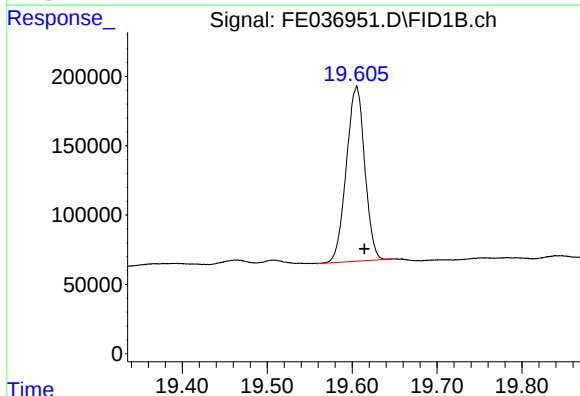
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: -0.010 min
Response: 3311505
Conc: 21.79 ug/ml



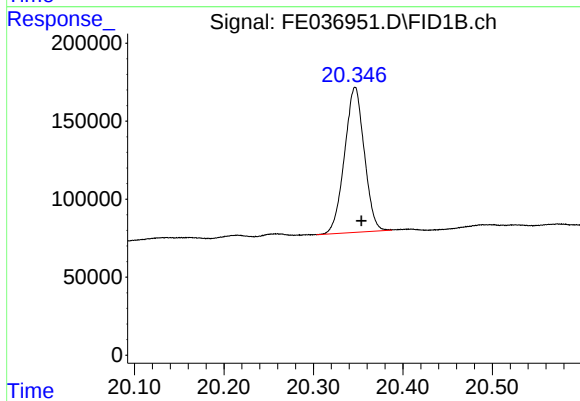
#18 n-Dotriacontane (C32)

R.T.: 18.820 min
Delta R.T.: -0.012 min
Response: 2673810
Conc: 22.23 ug/ml m



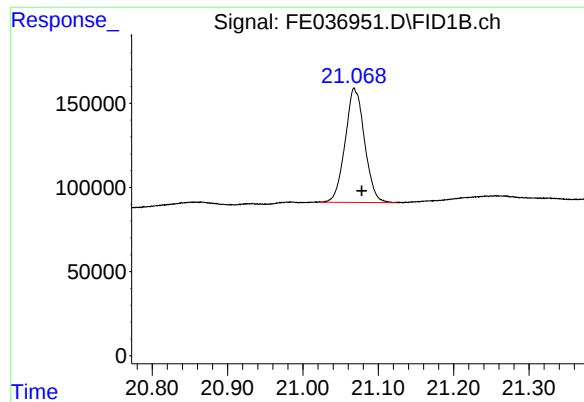
#19 n-Tetratriacontane (C34)

R.T.: 19.605 min
Delta R.T.: -0.009 min
Response: 1894919
Conc: 22.75 ug/ml m



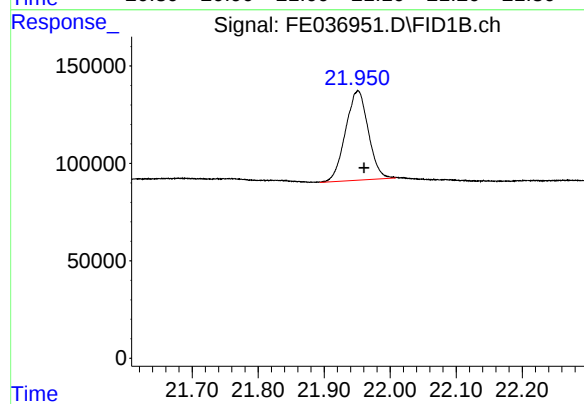
#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.008 min
Response: 1425818
Conc: 24.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.068 min
Delta R.T.: -0.010 min
Response: 1211492
Conc: 24.16 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.010 min
Response: 1096231
Conc: 21.23 ug/ml m