

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: sample.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			
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)	18.821	3010705	25.033 ug/ml
19) T n-Tetratriacontane (C34)	19.605	2559999	30.741 ug/ml
20) T n-Hexatriacontane (C36)	20.346	2855105	48.625 ug/ml
21) T n-Octatriacontane (C38)	21.069	3781111	75.415 ug/ml
22) T n-Tetracontane (C40)	21.951	5142955	99.589 ug/ml

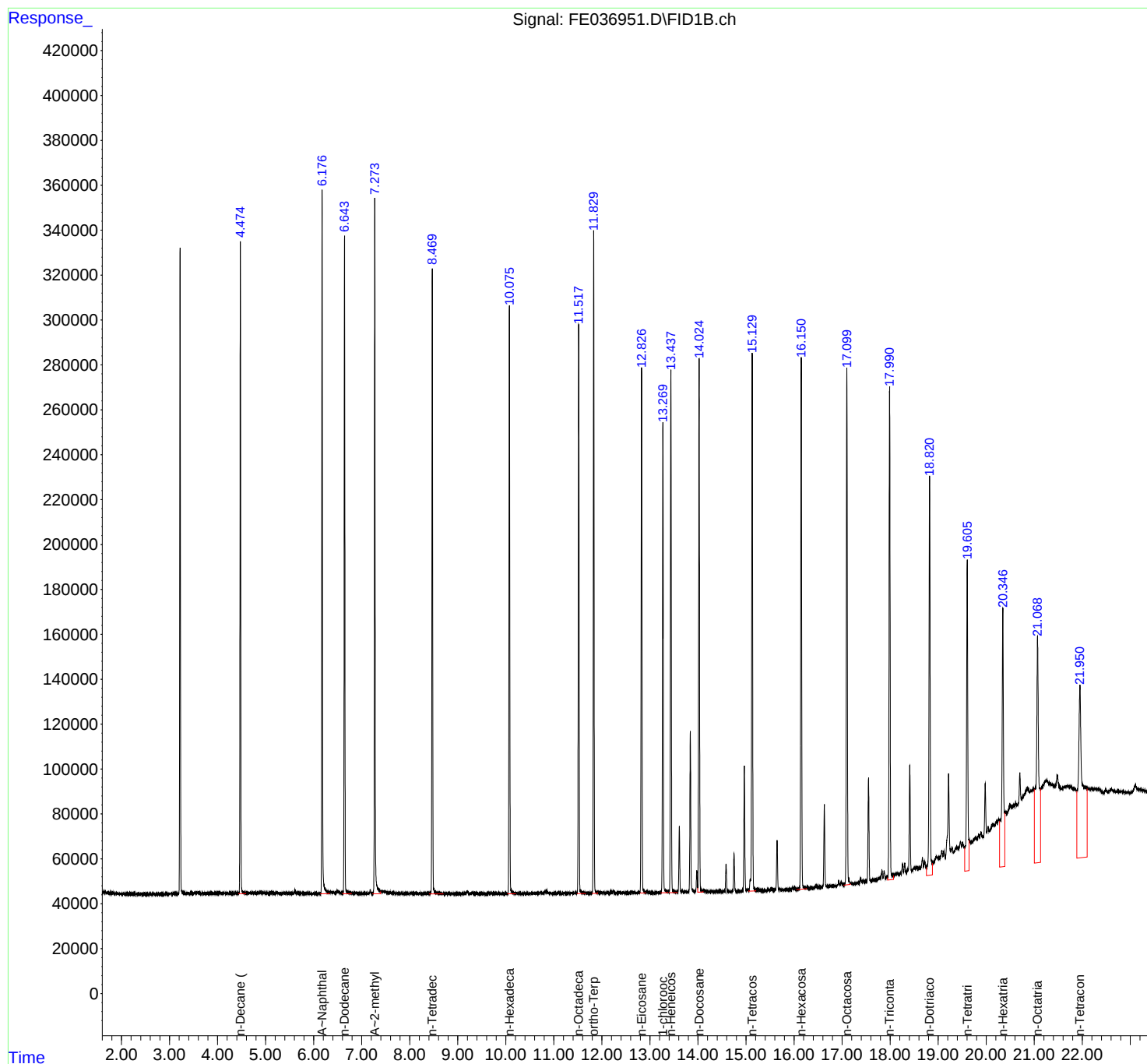
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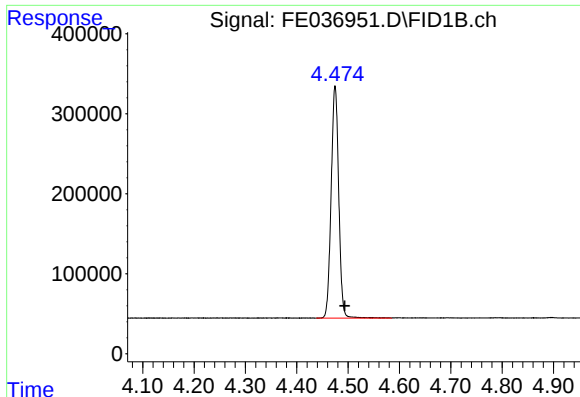
(m)=manual int.

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

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
Quant Title : GC Extractables
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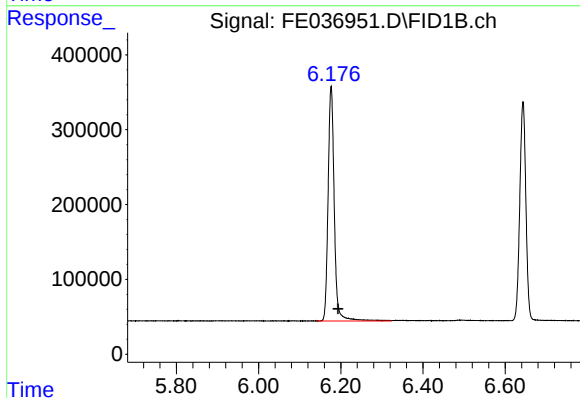
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





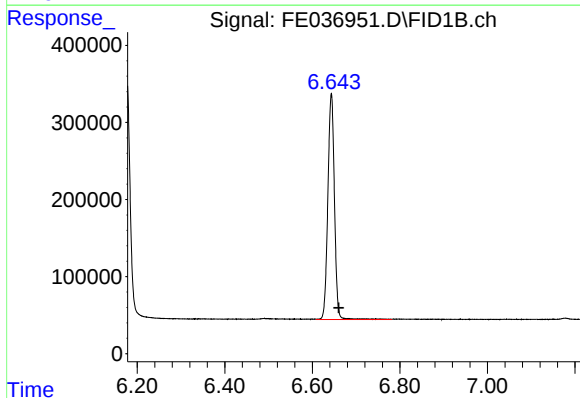
#2 n-Decane (C10)

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



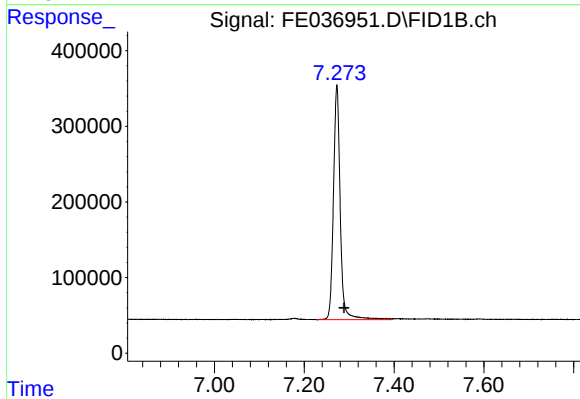
#3 A~Naphthalene (C11.7)

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



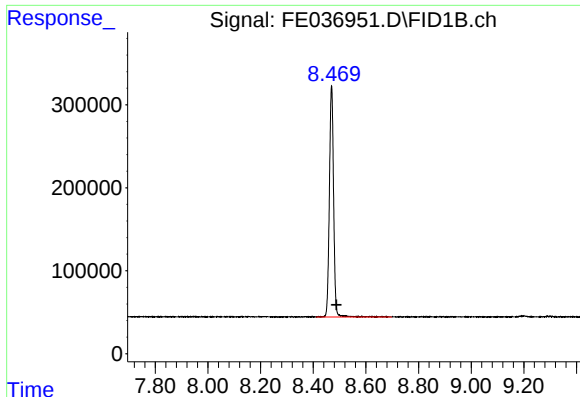
#4 n-Dodecane (C12)

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



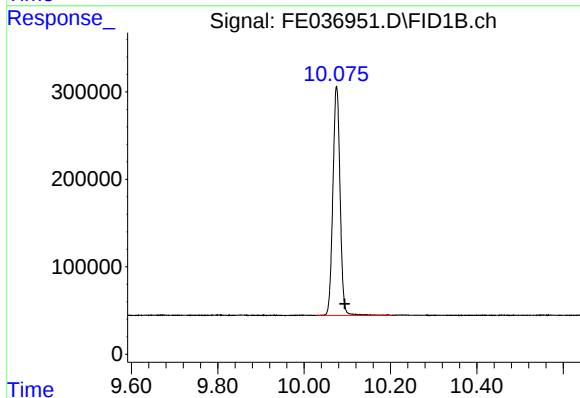
#5 A~2-methylnaphthalene (C12.89)

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



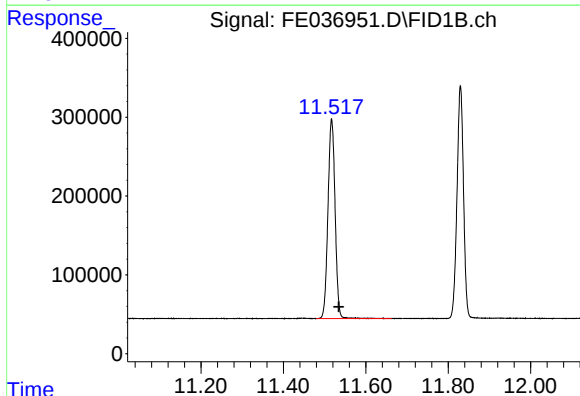
#6 n-Tetradecane (C14)

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



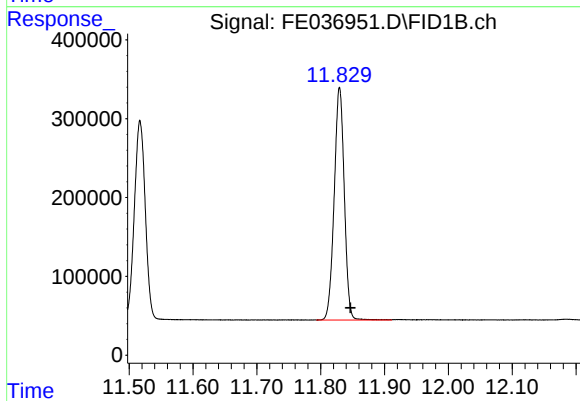
#7 n-Hexadecane (C16)

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



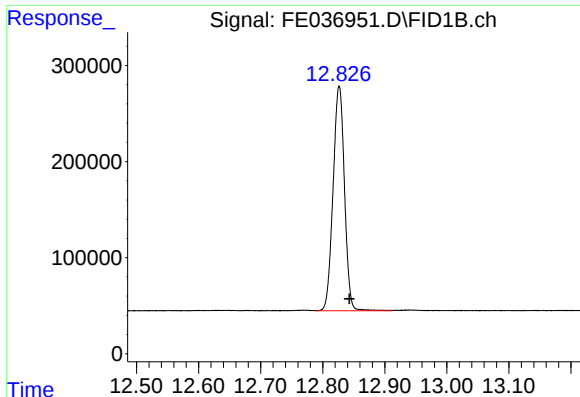
#8 n-Octadecane (C18)

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



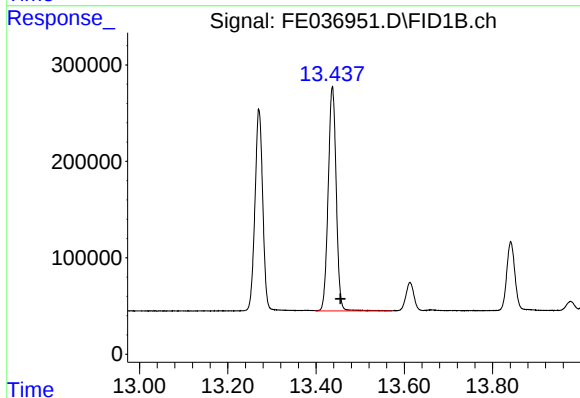
#9 ortho-Terphenyl (SURR)

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



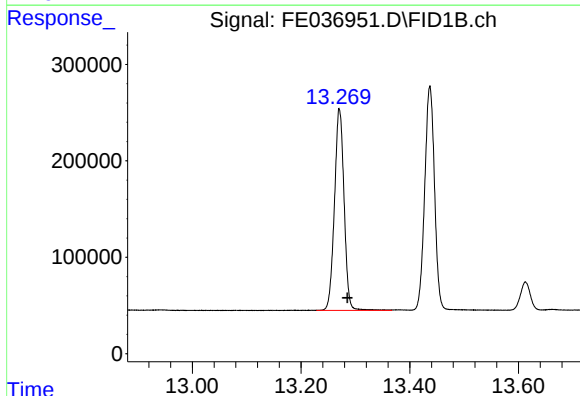
#10 n-Eicosane (C20)

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



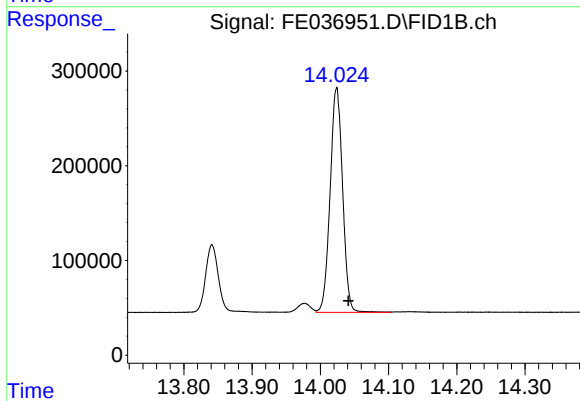
#11 n-Heneicosane (C21)

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



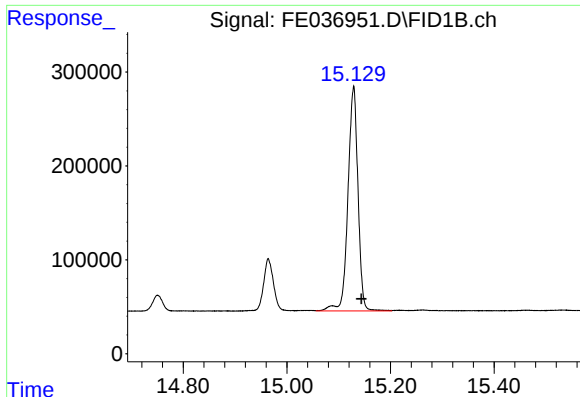
#12 1-chlorooctadecane (SURR)

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



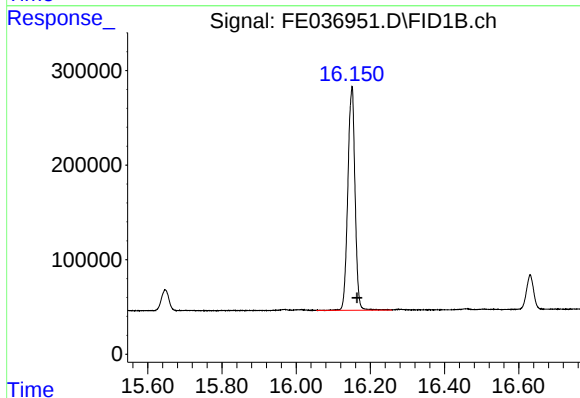
#13 n-Docosane (C22)

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



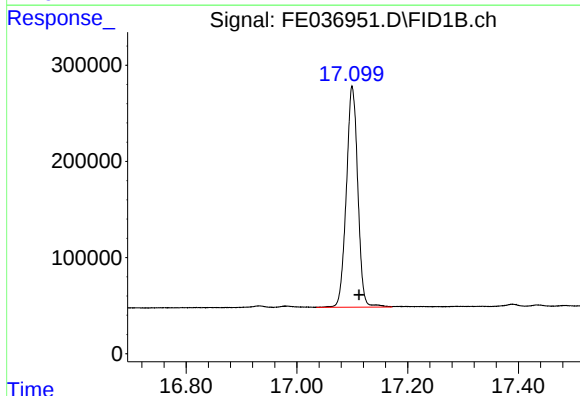
#14 n-Tetracosane (C24)

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



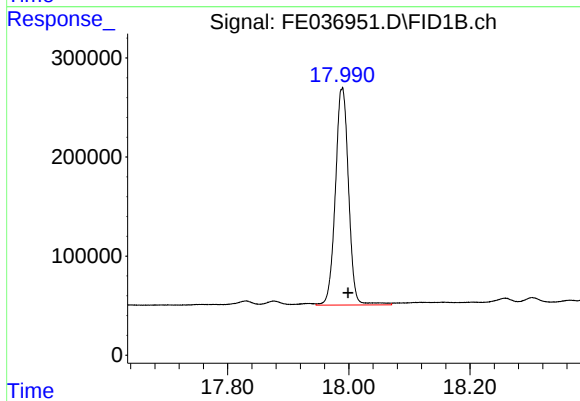
#15 n-Hexacosane (C26)

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



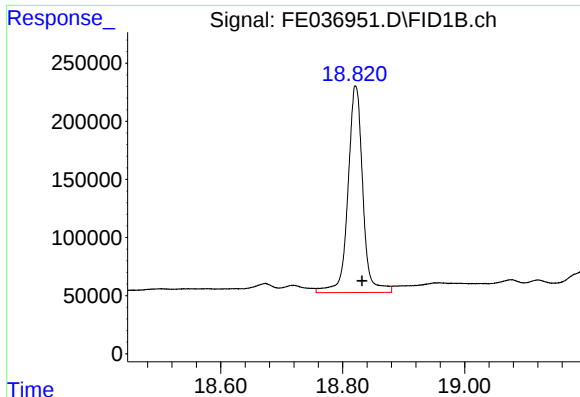
#16 n-Octacosane (C28)

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



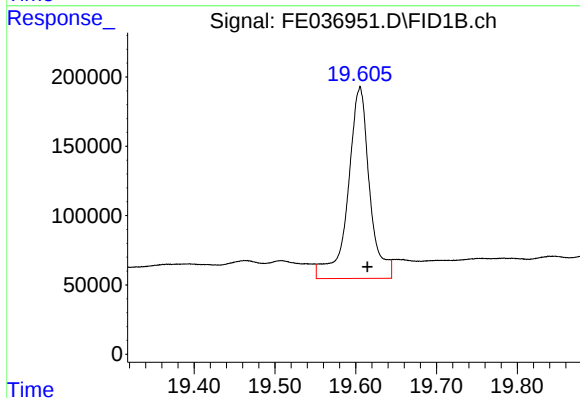
#17 n-Tricontane (C30)

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



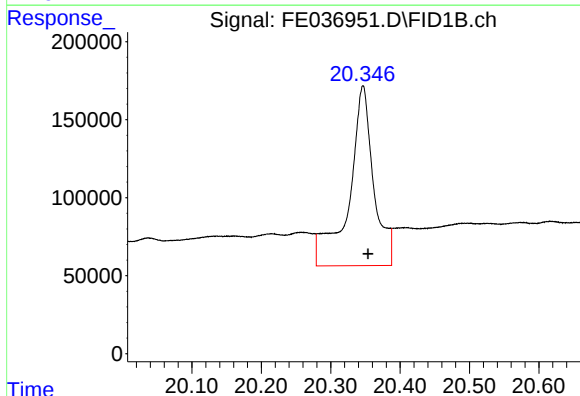
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: -0.010 min
Response: 3010705
Conc: 25.03 ug/ml



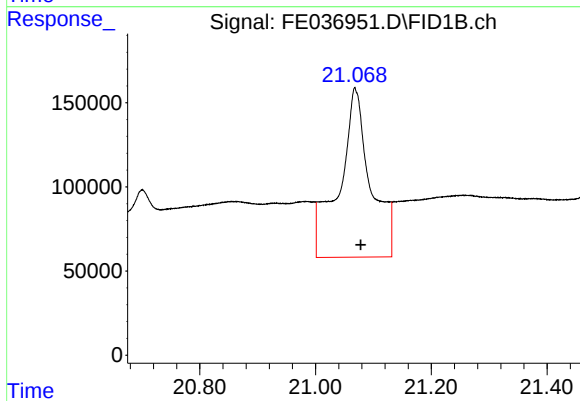
#19 n-Tetatriacontane (C34)

R.T.: 19.605 min
Delta R.T.: -0.010 min
Response: 2559999
Conc: 30.74 ug/ml



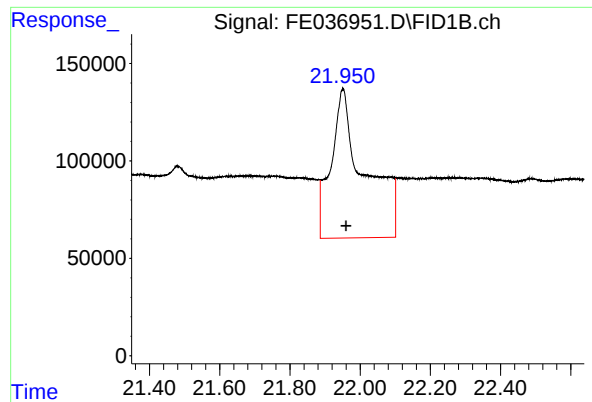
#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.007 min
Response: 2855105
Conc: 48.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.069 min
Delta R.T.: -0.009 min
Response: 3781111
Conc: 75.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.010 min
Response: 5142955
Conc: 99.59 ug/ml