

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013123AL\
 Data File : FE040111.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2023 13:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 01 04:33:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.902	3008692	19.592 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.340	2286640	19.595 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.296	2523157	19.878 ug/ml
2) T n-Decane (C10)	4.545	2506230	20.181 ug/ml
3) T A~Naphthalene (C11.7)	6.248	2751517	19.511 ug/ml
4) T n-Dodecane (C12)	6.709	2546241	20.252 ug/ml
5) T A~2-methylnaphthalene...	7.343	2570397	19.625 ug/ml
6) T n-Tetradecane (C14)	8.536	2590821	20.144 ug/ml
7) T n-Hexadecane (C16)	10.142	2696531	19.988 ug/ml
8) T n-Octadecane (C18)	11.585	2778034	19.825 ug/ml
10) T n-Eicosane (C20)	12.894	2722486	19.650 ug/ml
11) T n-Heneicosane (C21)	13.508	2730539	19.568 ug/ml
13) T n-Docosane (C22)	14.093	2729526	19.665 ug/ml
14) T n-Tetracosane (C24)	15.197	2762940	20.068 ug/ml
15) T n-Hexacosane (C26)	16.218	2704880	20.267 ug/ml
16) T n-Octacosane (C28)	17.169	2723676	20.923 ug/ml
17) T n-Tricontane (C30)	18.058	2779717	21.797 ug/ml
18) T n-Dotriacontane (C32)	18.892	2792015	22.085 ug/ml
19) T n-Tetratriacontane (C34)	19.676	2625742	21.249 ug/ml
20) T n-Hexatriacontane (C36)	20.417	2481291	21.046 ug/ml
21) T n-Octatriacontane (C38)	21.149	2340918	19.586 ug/ml
22) T n-Tetracontane (C40)	22.048	2353471	19.391 ug/ml

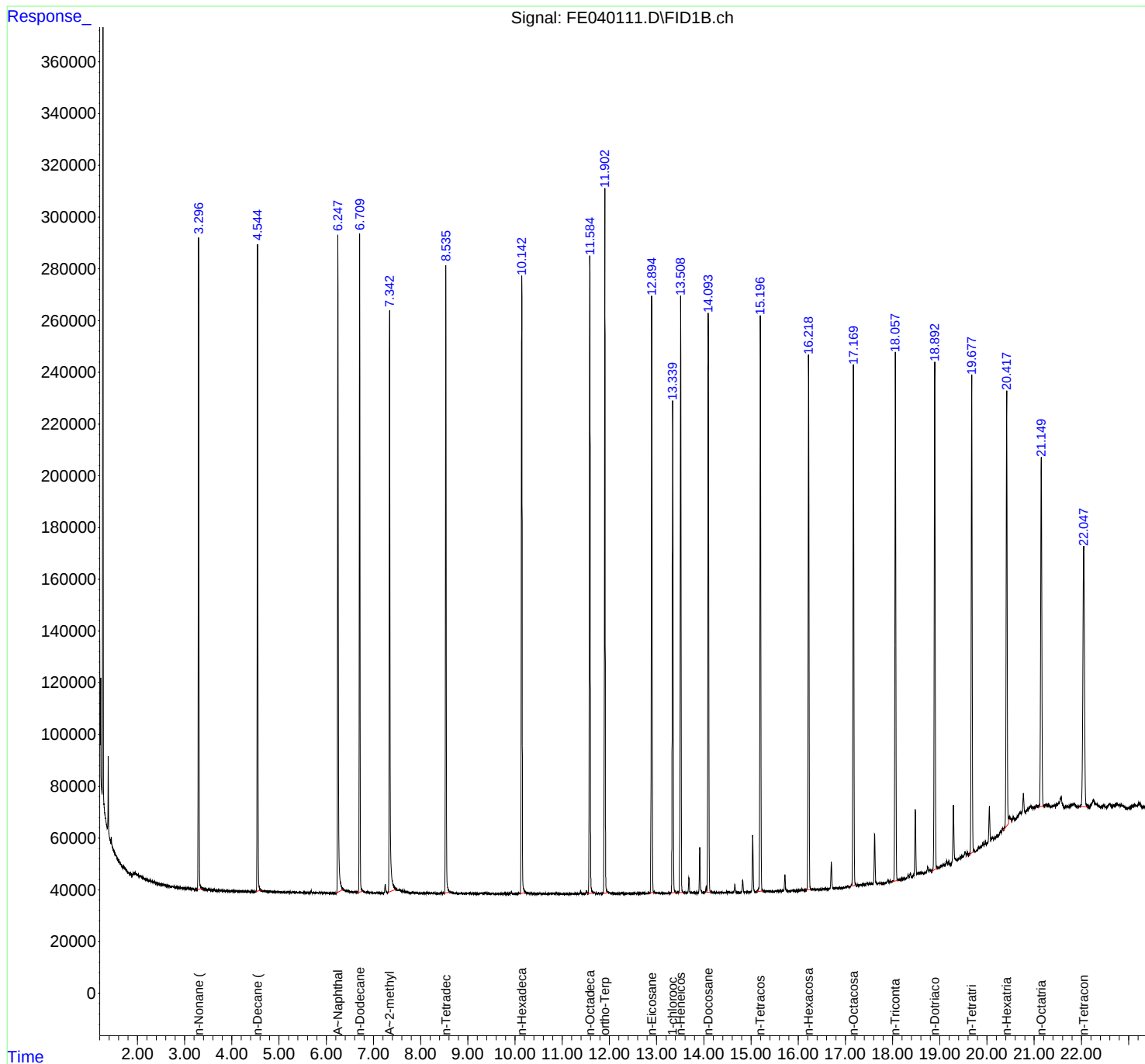
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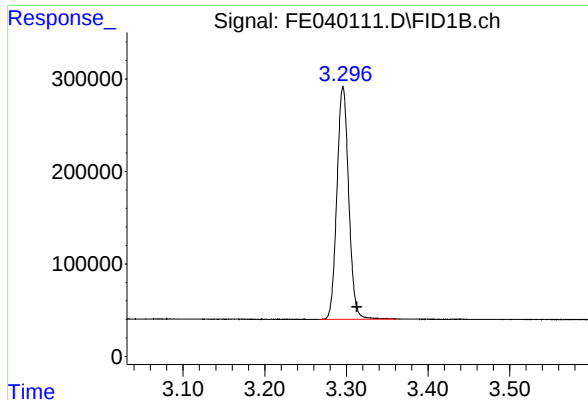
(m)=manual int.

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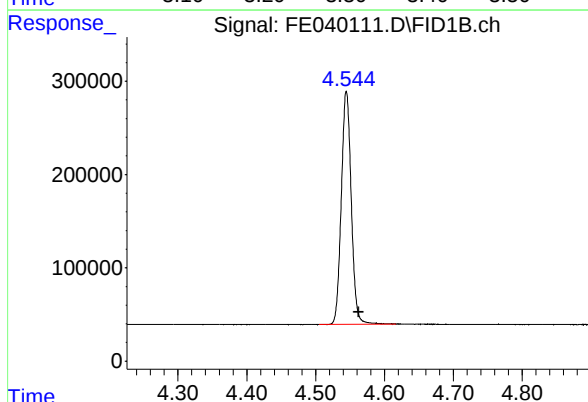
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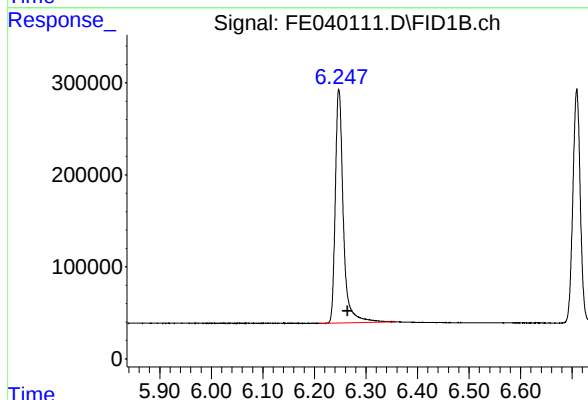
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.017 min
Response: 2523157
Conc: 19.88 ug/ml



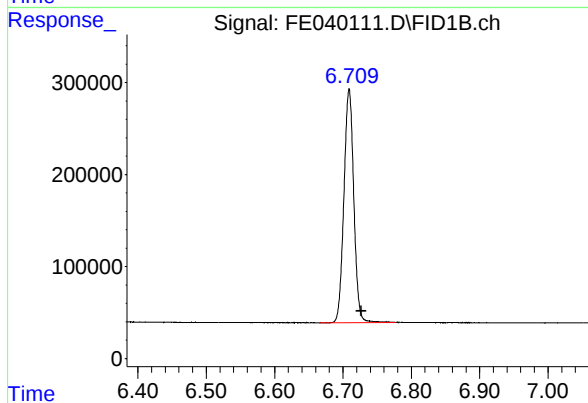
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.018 min
Response: 2506230
Conc: 20.18 ug/ml



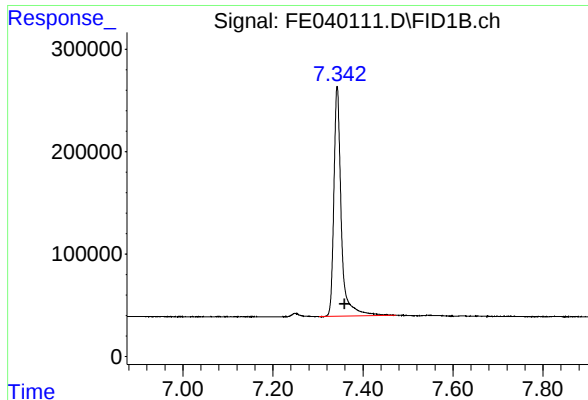
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.017 min
Response: 2751517
Conc: 19.51 ug/ml



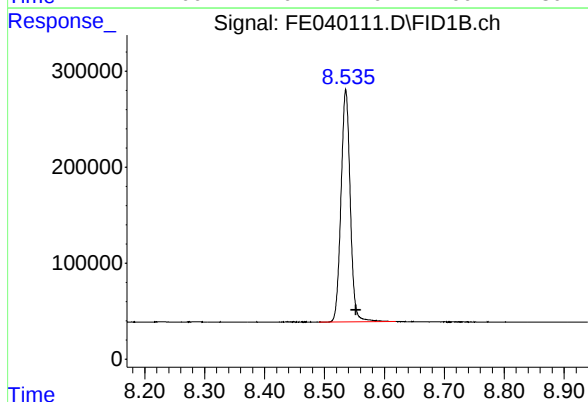
#4 n-Dodecane (C12)

R.T.: 6.709 min
Delta R.T.: -0.018 min
Response: 2546241
Conc: 20.25 ug/ml



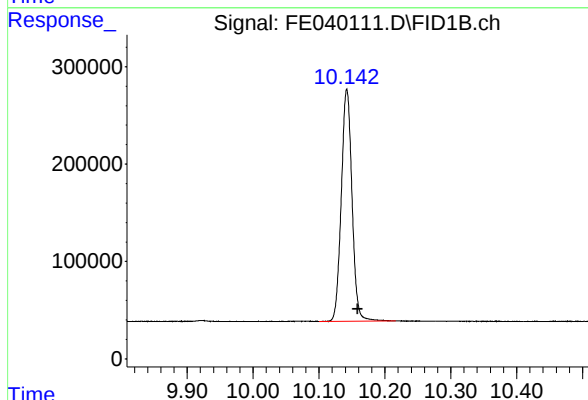
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.343 min
Delta R.T.: -0.016 min
Response: 2570397
Conc: 19.62 ug/ml



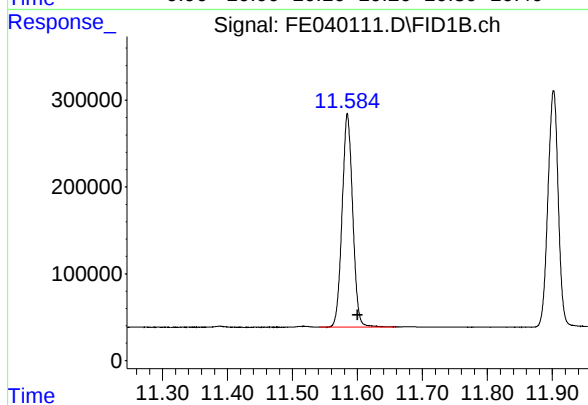
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.017 min
Response: 2590821
Conc: 20.14 ug/ml



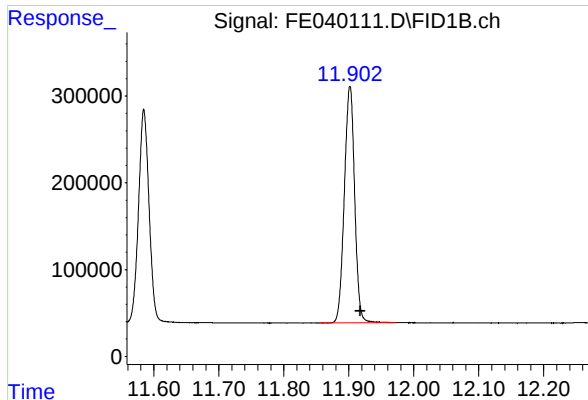
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.017 min
Response: 2696531
Conc: 19.99 ug/ml



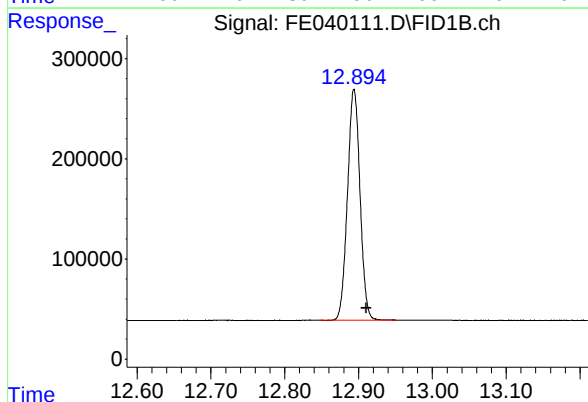
#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.016 min
Response: 2778034
Conc: 19.83 ug/ml



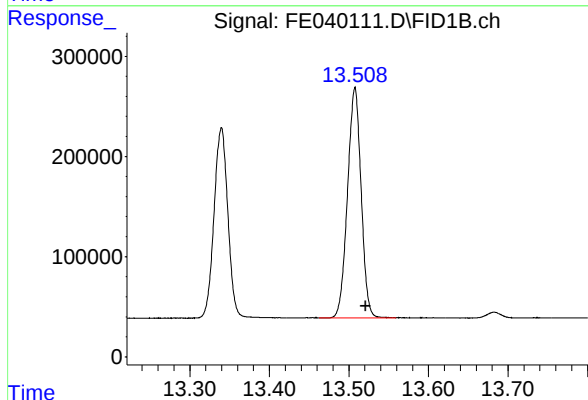
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.016 min
Response: 3008692
Conc: 19.59 ug/ml



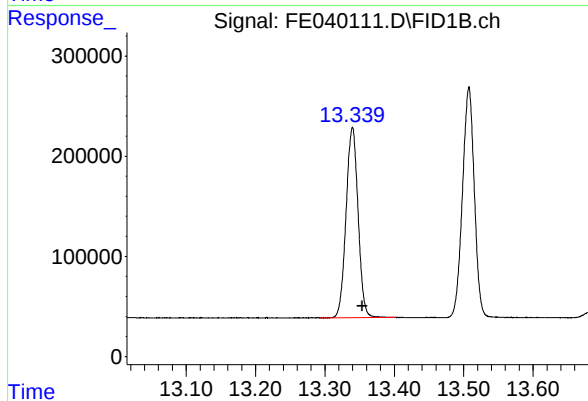
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.017 min
Response: 2722486
Conc: 19.65 ug/ml



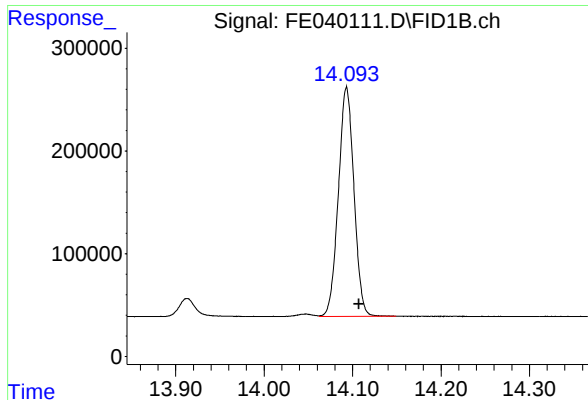
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.014 min
Response: 2730539
Conc: 19.57 ug/ml



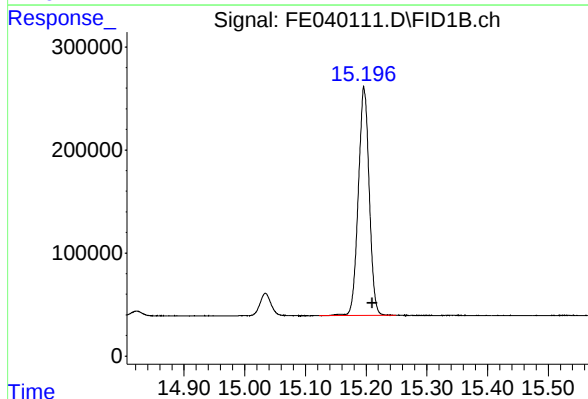
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.014 min
Response: 2286640
Conc: 19.59 ug/ml



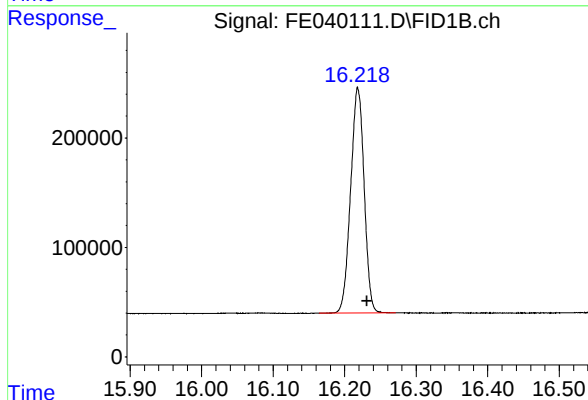
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.014 min
Response: 2729526
Conc: 19.66 ug/ml



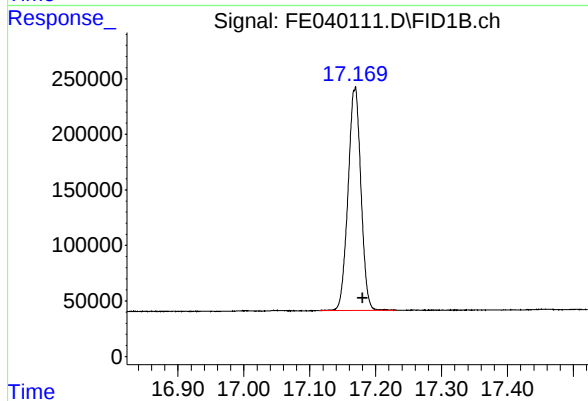
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.013 min
Response: 2762940
Conc: 20.07 ug/ml



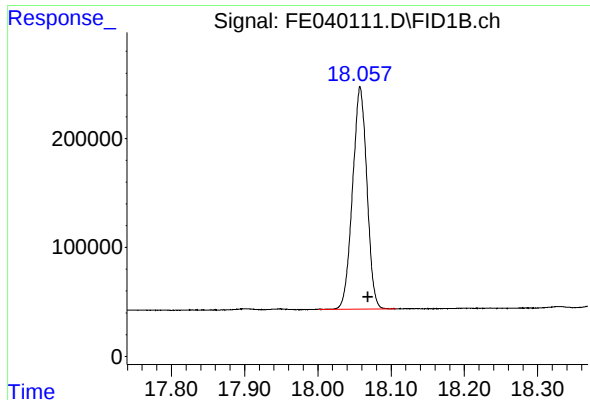
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.013 min
Response: 2704880
Conc: 20.27 ug/ml



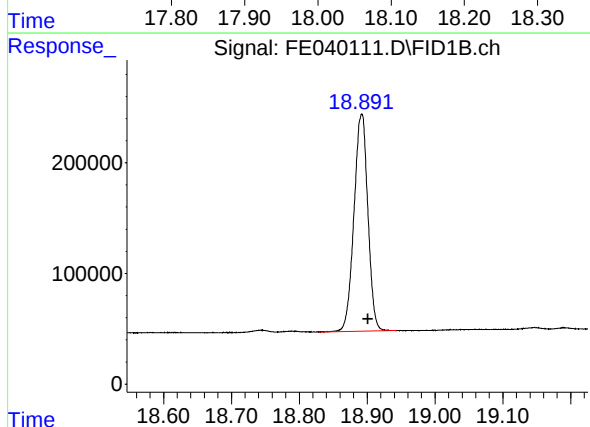
#16 n-Octacosane (C28)

R.T.: 17.169 min
Delta R.T.: -0.012 min
Response: 2723676
Conc: 20.92 ug/ml



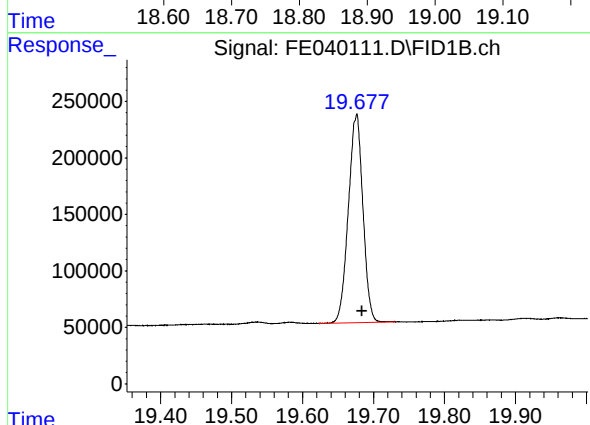
#17 n-Tricontane (C30)

R.T.: 18.058 min
Delta R.T.: -0.011 min
Response: 2779717
Conc: 21.80 ug/ml



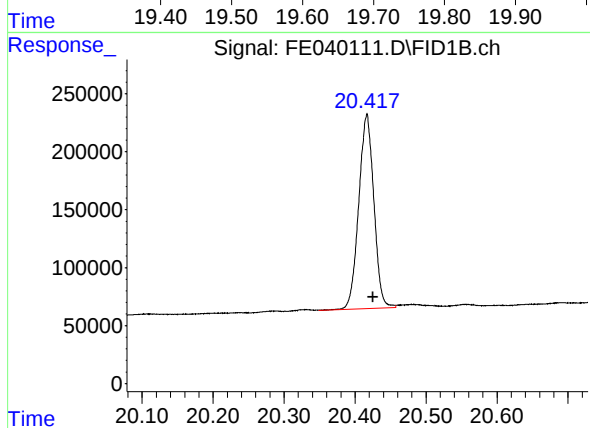
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: -0.009 min
Response: 2792015
Conc: 22.09 ug/ml



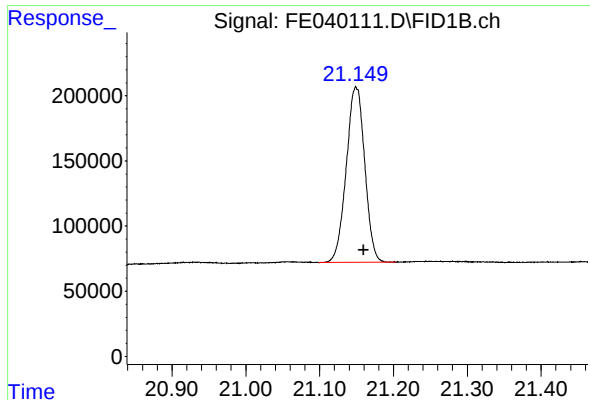
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: -0.008 min
Response: 2625742
Conc: 21.25 ug/ml



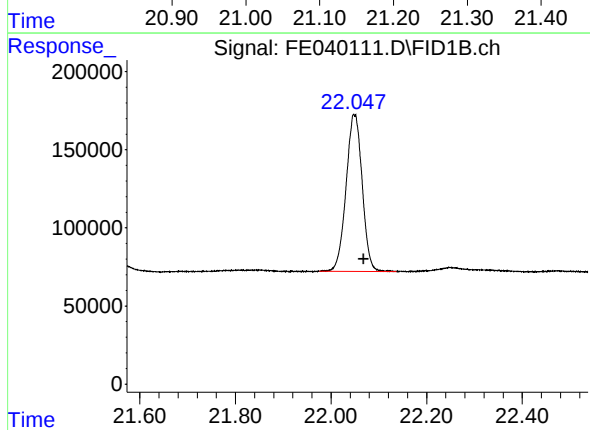
#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: -0.008 min
Response: 2481291
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: -0.010 min
Response: 2340918
Conc: 19.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.048 min
Delta R.T.: -0.020 min
Response: 2353471
Conc: 19.39 ug/ml