

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047845.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2024 02:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:32:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.971	2843412	19.710 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	13.404	2204977	19.733 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.353	2567585	19.922 ug/ml
2) T n-Decane (C10)	4.605	2612606	19.844 ug/ml
3) T A~Naphthalene (C11.7)	6.313	2758360	19.976 ug/ml
4) T n-Dodecane (C12)	6.771	2629140	19.722 ug/ml
5) T A~2-methylnaphthalene...	7.408	2651171	19.922 ug/ml
6) T n-Tetradecane (C14)	8.599	2595972	19.589 ug/ml
7) T n-Hexadecane (C16)	10.206	2703778	19.659 ug/ml
8) T n-Octadecane (C18)	11.649	2741660	19.682 ug/ml
10) T n-Eicosane (C20)	12.958	2643194	19.631 ug/ml
11) T n-Heneicosane (C21)	13.570	2605287	19.681 ug/ml
13) T n-Docosane (C22)	14.156	2598231	19.606 ug/ml
14) T n-Tetracosane (C24)	15.258	2591780	19.465 ug/ml
15) T n-Hexacosane (C26)	16.278	2574839	19.295 ug/ml
16) T n-Octacosane (C28)	17.226	2557748	19.210 ug/ml
17) T n-Tricontane (C30)	18.113	2657283	19.254 ug/ml
18) T n-Dotriacontane (C32)	18.945	2670004	19.330 ug/ml
19) T n-Tetratriacontane (C34)	19.728	2658677	19.517 ug/ml
20) T n-Hexatriacontane (C36)	20.466	2642773	19.518 ug/ml
21) T n-Octatriacontane (C38)	21.207	2697822	19.540 ug/ml
22) T n-Tetracontane (C40)	22.133	2715364	19.490 ug/mlm

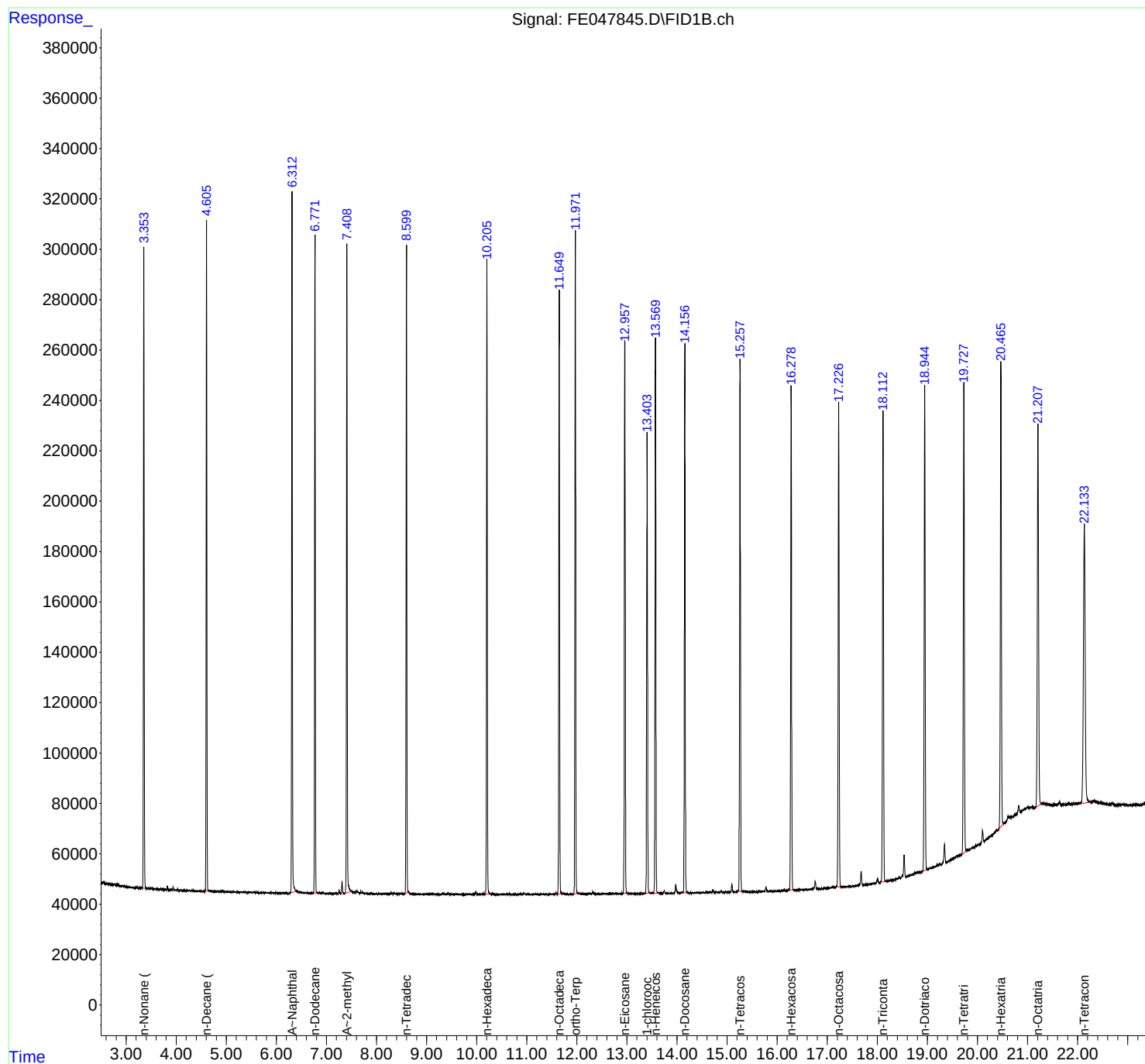
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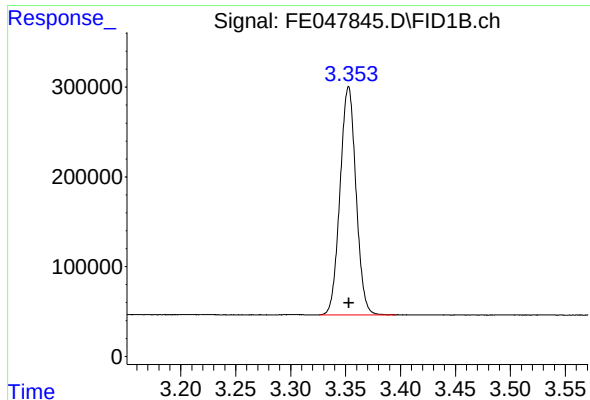
(m)=manual int.

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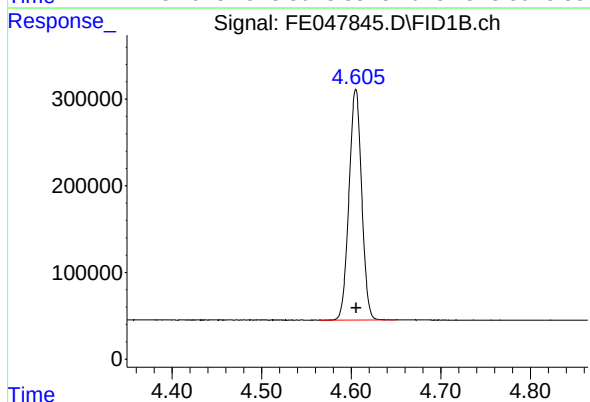
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Signal Info : 20M x 0.18mm x 0.18um





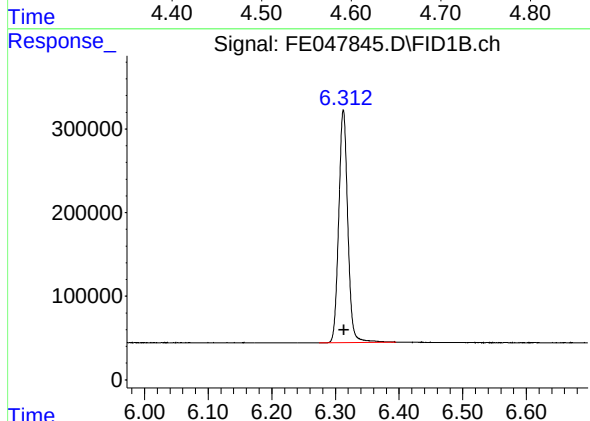
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 2567585
Conc: 19.92 ug/ml



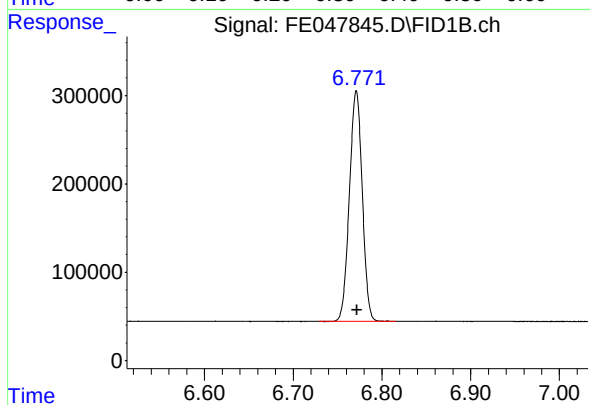
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2612606
Conc: 19.84 ug/ml



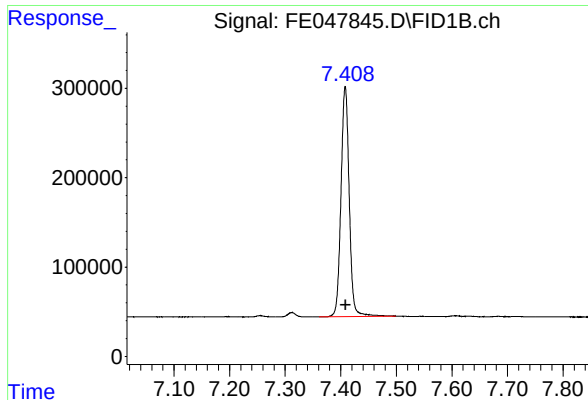
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 2758360
Conc: 19.98 ug/ml



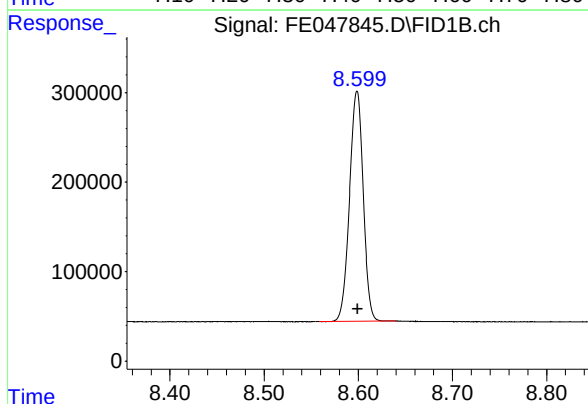
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 2629140
Conc: 19.72 ug/ml



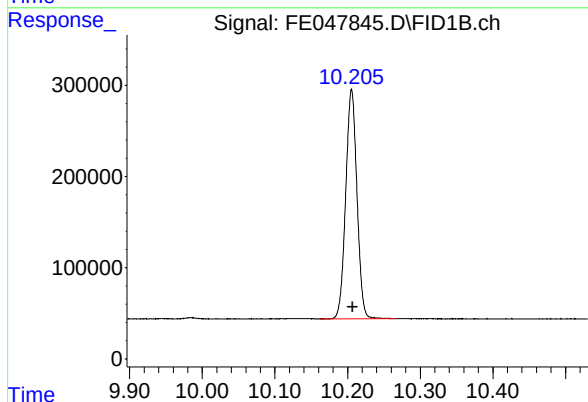
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 2651171
Conc: 19.92 ug/ml



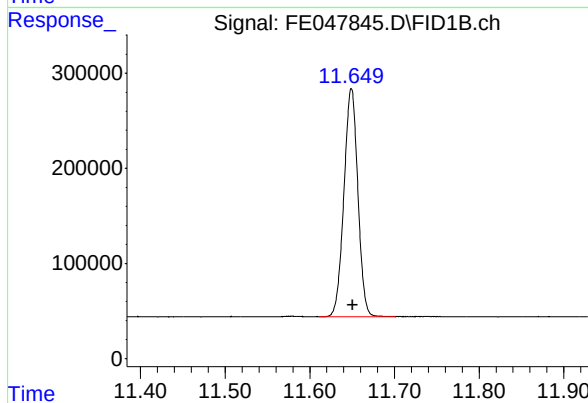
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 2595972
Conc: 19.59 ug/ml



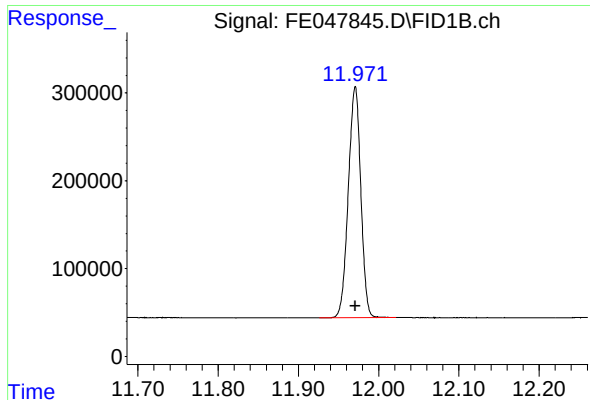
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.001 min
Response: 2703778
Conc: 19.66 ug/ml



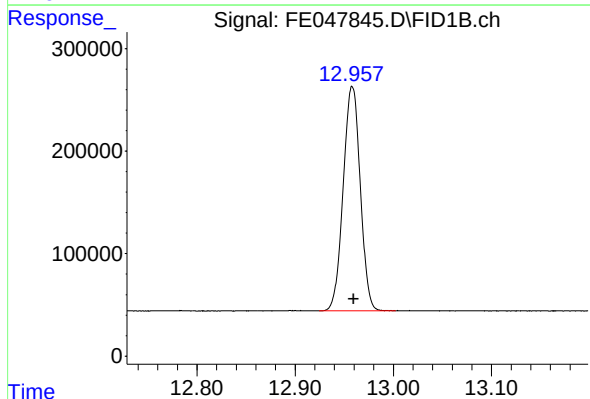
#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.001 min
Response: 2741660
Conc: 19.68 ug/ml



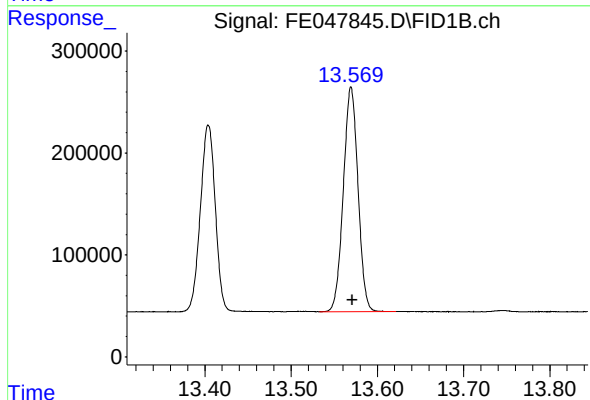
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 2843412
Conc: 19.71 ug/ml



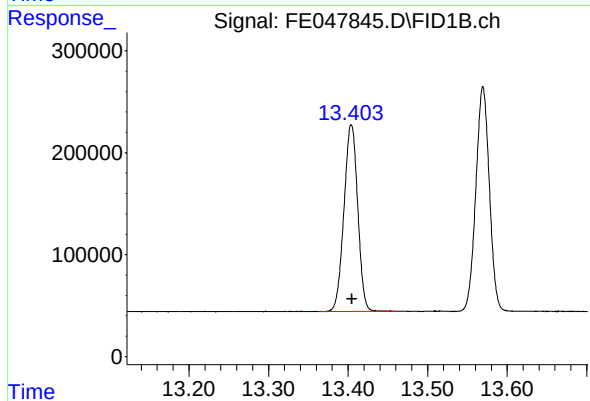
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.001 min
Response: 2643194
Conc: 19.63 ug/ml



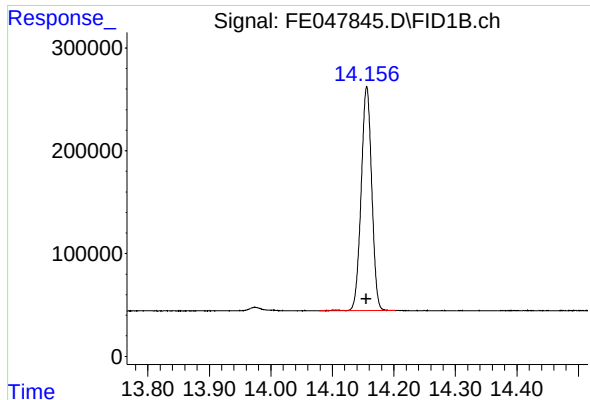
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.002 min
Response: 2605287
Conc: 19.68 ug/ml



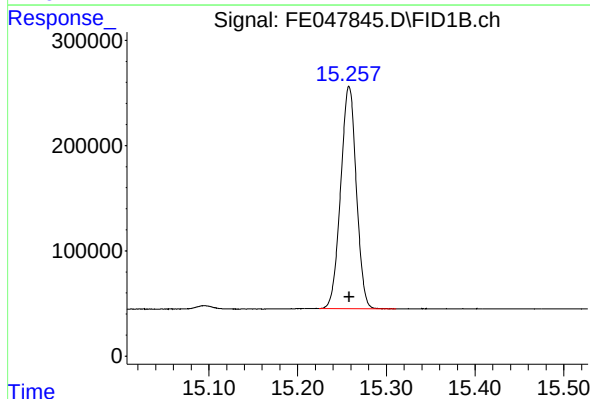
#12 1-chlorooctadecane (SURR)

R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 2204977
Conc: 19.73 ug/ml



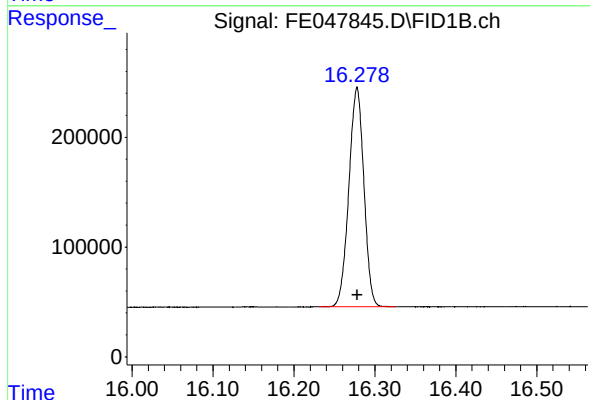
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: 0.000 min
Response: 2598231
Conc: 19.61 ug/ml



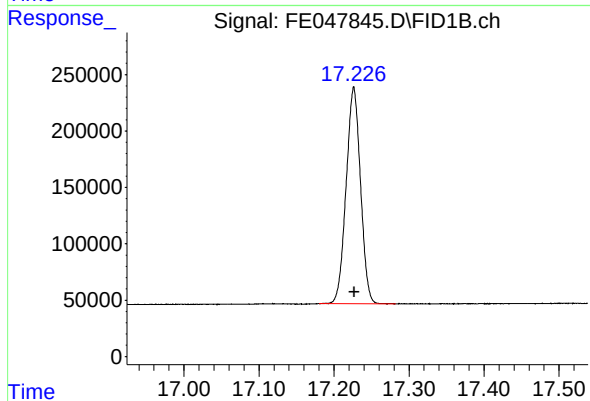
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: 0.000 min
Response: 2591780
Conc: 19.46 ug/ml



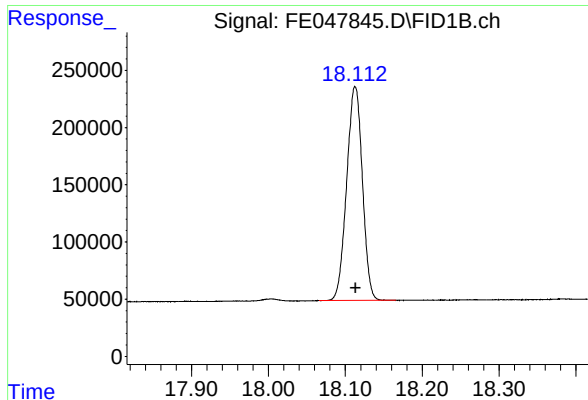
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2574839
Conc: 19.30 ug/ml



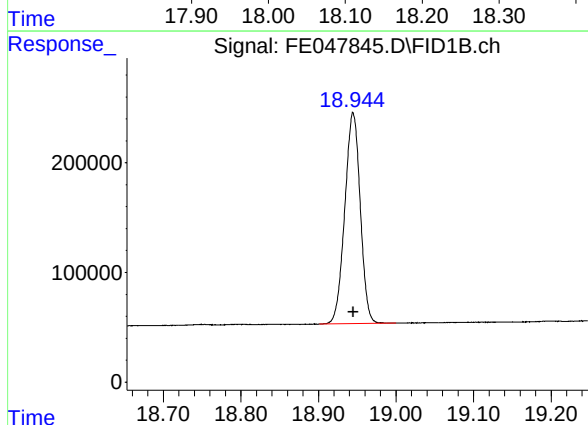
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: 0.000 min
Response: 2557748
Conc: 19.21 ug/ml



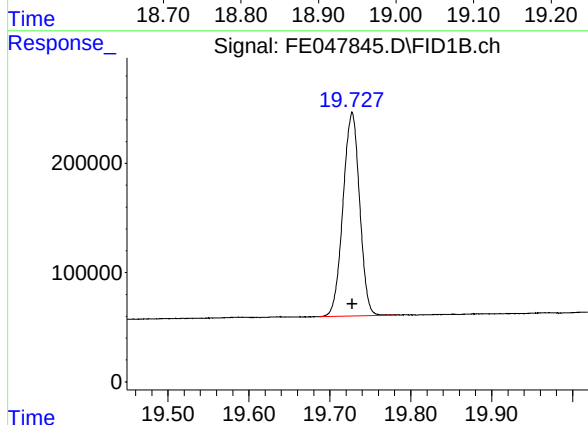
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 2657283
Conc: 19.25 ug/ml



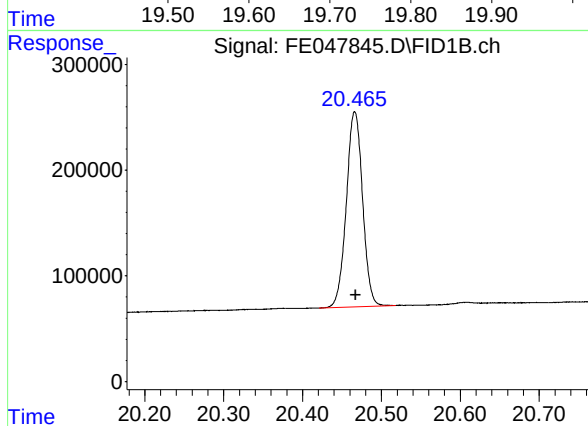
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 2670004
Conc: 19.33 ug/ml



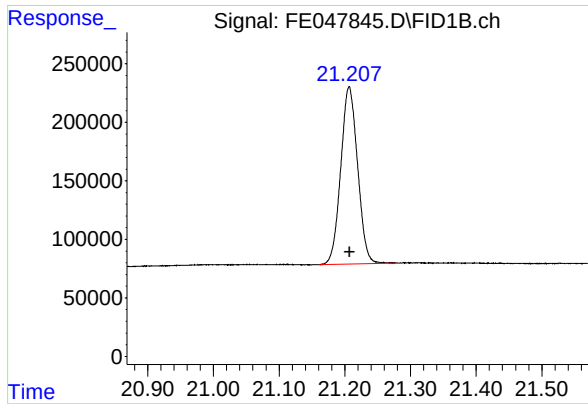
#19 n-Tetatriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.000 min
Response: 2658677
Conc: 19.52 ug/ml



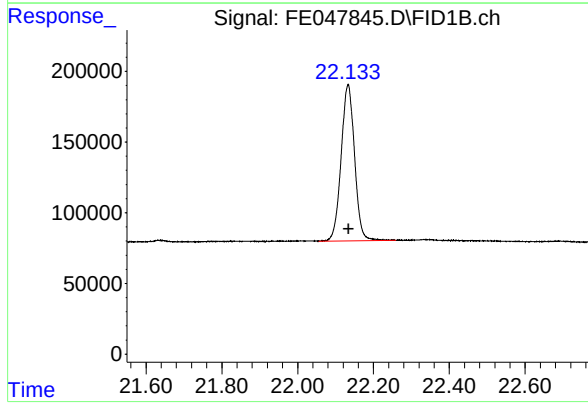
#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: -0.001 min
Response: 2642773
Conc: 19.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.000 min
Response: 2697822
Conc: 19.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.001 min
Response: 2715364
Conc: 19.49 ug/ml m