

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050224AL\
 Data File : FE047927.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2024 12:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 03 01:25:48 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)	11.972	2735704	18.963 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
12) S 1-chlorooctadecane (S...	13.406	2116663	18.943 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T n-Nonane (C9)	3.352	2446558	18.983 ug/ml
2) T n-Decane (C10)	4.604	2527257	19.196 ug/ml
3) T A~Naphthalene (C11.7)	6.313	2637782	19.103 ug/ml
4) T n-Dodecane (C12)	6.771	2550887	19.135 ug/ml
5) T A~2-methylnaphthalene...	7.409	2535419	19.053 ug/ml
6) T n-Tetradecane (C14)	8.599	2525611	19.058 ug/ml
7) T n-Hexadecane (C16)	10.207	2618244	19.037 ug/ml
8) T n-Octadecane (C18)	11.651	2658544	19.085 ug/ml
10) T n-Eicosane (C20)	12.960	2575792	19.130 ug/ml
11) T n-Heneicosane (C21)	13.572	2516456	19.010 ug/ml
13) T n-Docosane (C22)	14.159	2570402	19.396 ug/ml
14) T n-Tetracosane (C24)	15.260	2682312	20.145 ug/ml
15) T n-Hexacosane (C26)	16.281	2749793	20.606 ug/ml
16) T n-Octacosane (C28)	17.231	2839682	21.327 ug/ml
17) T n-Tricontane (C30)	18.119	3026767	21.931 ug/ml
18) T n-Dotriacontane (C32)	18.950	2984498	21.607 ug/ml
19) T n-Tetratriacontane (C34)	19.734	2790589	20.486 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2740503	20.240 ug/ml
21) T n-Octatriacontane (C38)	21.215	2650919	19.200 ug/ml
22) T n-Tetracontane (C40)	22.143	2494467	17.904 ug/ml

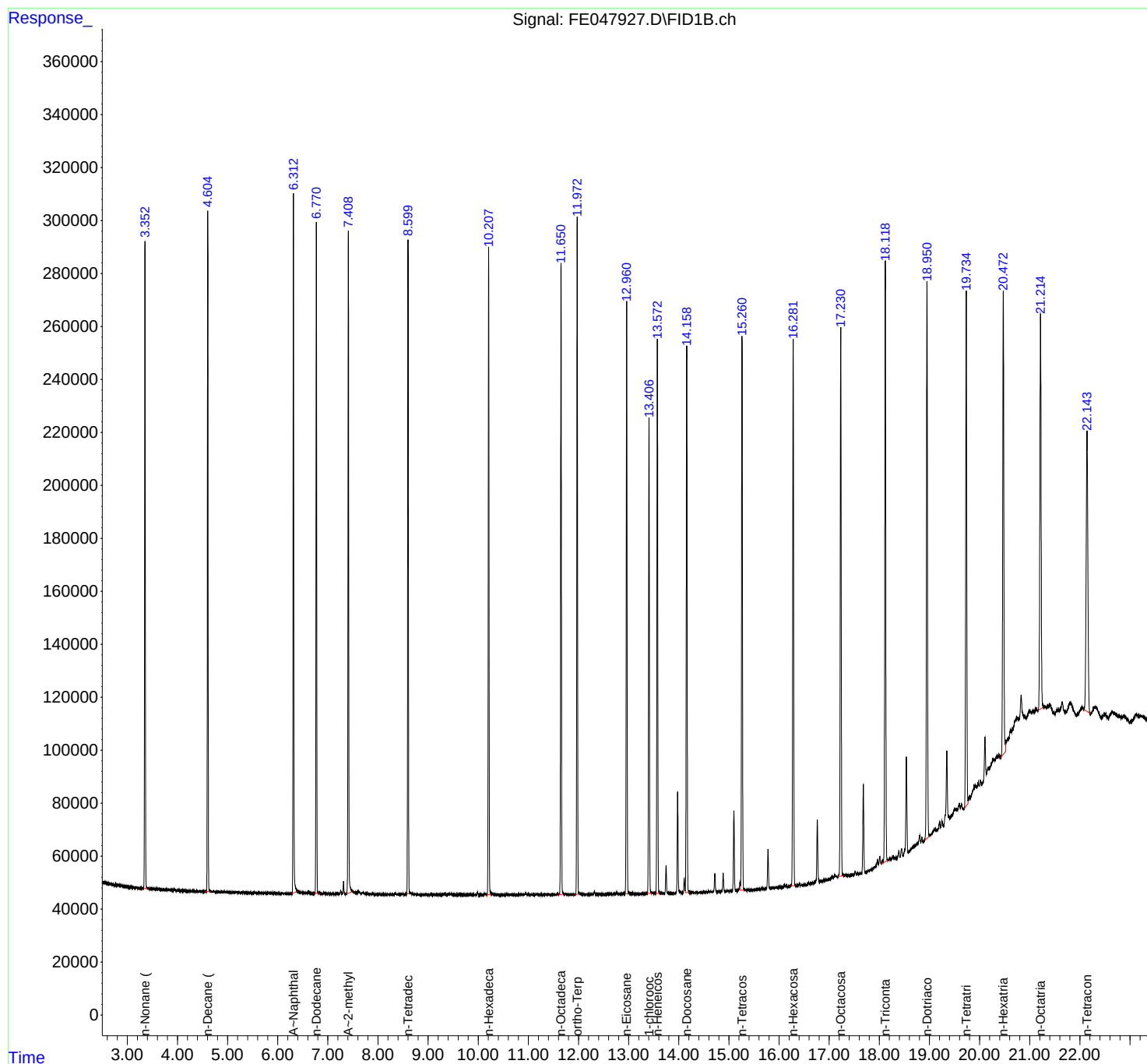
(f)=RT Delta > 1/2 Window

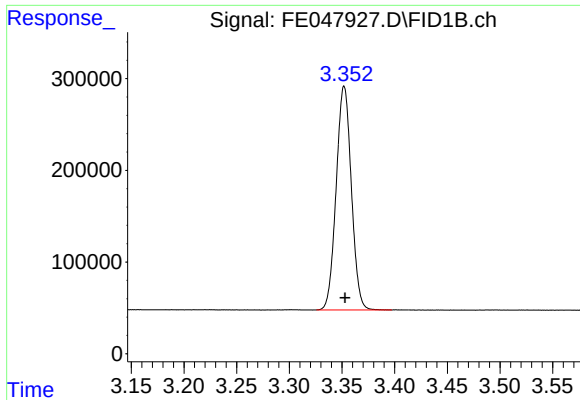
(m)=manual int.

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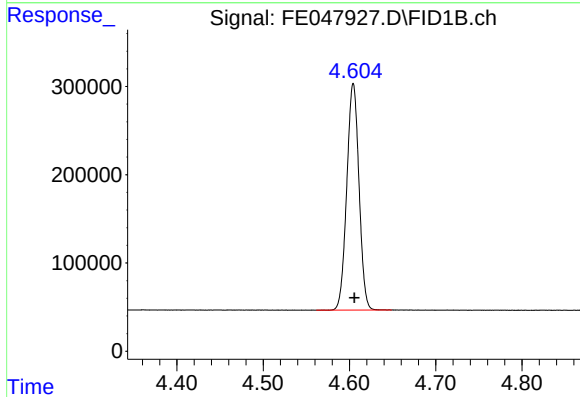
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





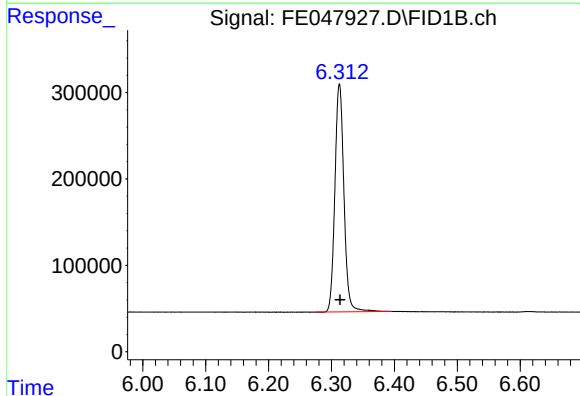
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 2446558
Conc: 18.98 ug/ml



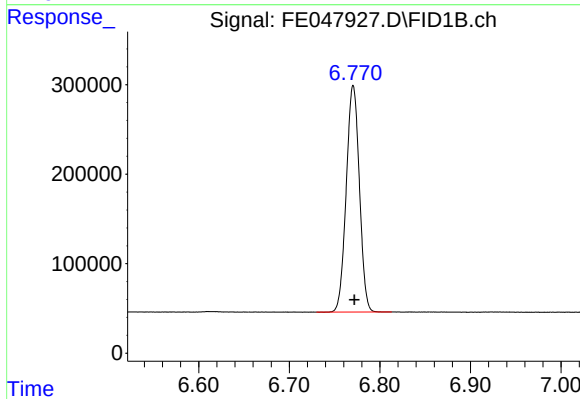
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.001 min
Response: 2527257
Conc: 19.20 ug/ml



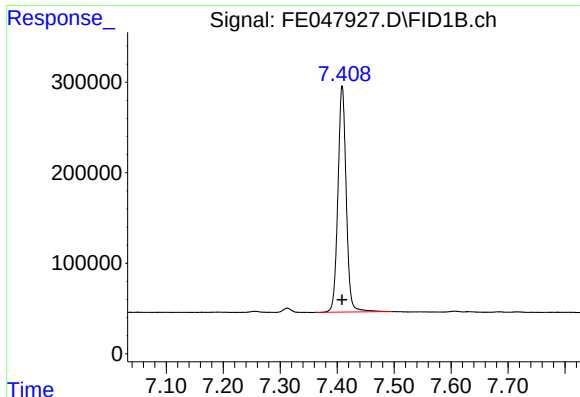
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 2637782
Conc: 19.10 ug/ml



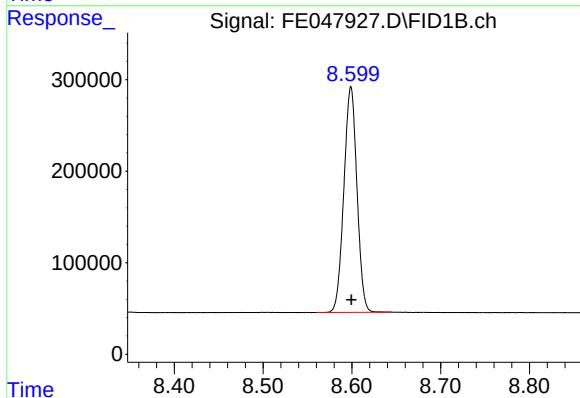
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.001 min
Response: 2550887
Conc: 19.13 ug/ml



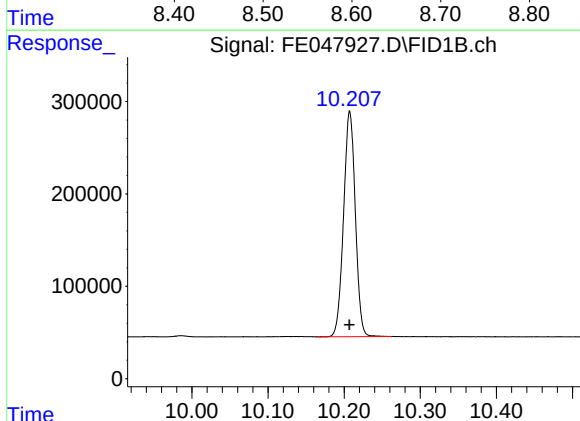
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 2535419
Conc: 19.05 ug/ml



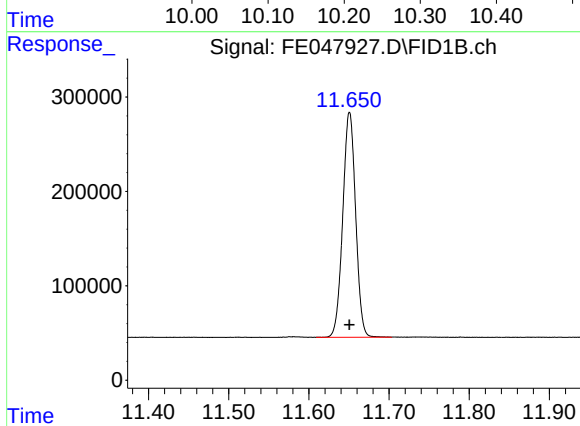
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 2525611
Conc: 19.06 ug/ml



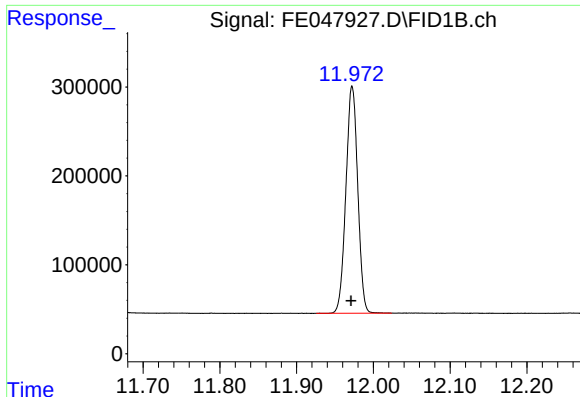
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 2618244
Conc: 19.04 ug/ml



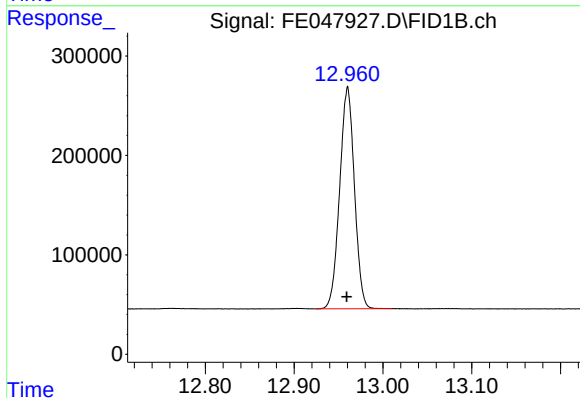
#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 2658544
Conc: 19.09 ug/ml



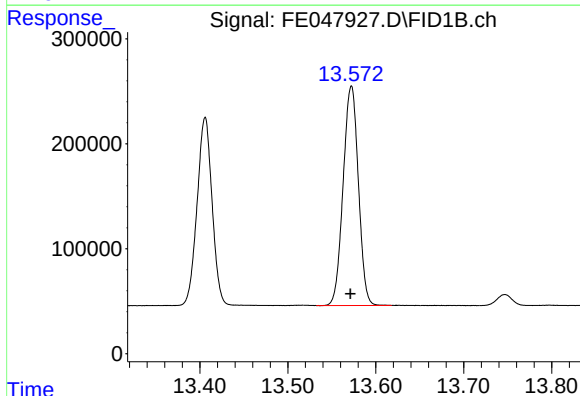
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: 0.001 min
Response: 2735704
Conc: 18.96 ug/ml



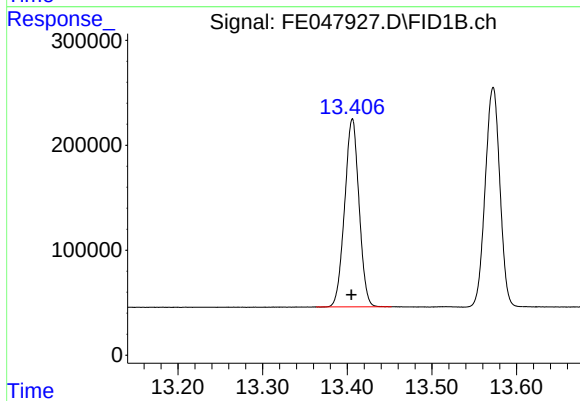
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 2575792
Conc: 19.13 ug/ml



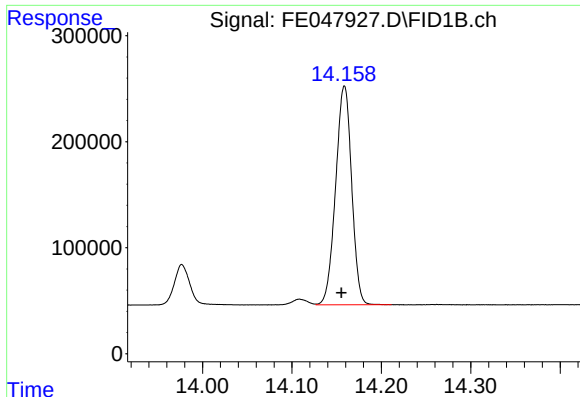
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: 0.001 min
Response: 2516456
Conc: 19.01 ug/ml



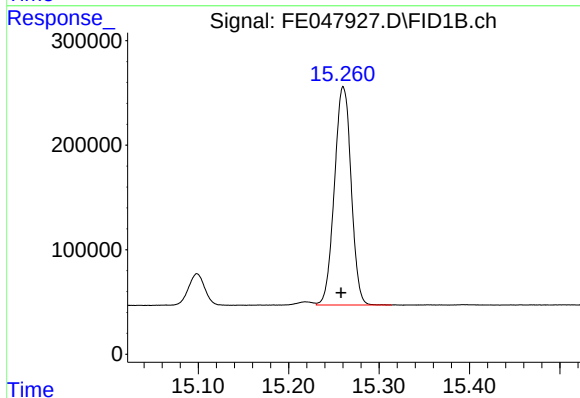
#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.001 min
Response: 2116663
Conc: 18.94 ug/ml



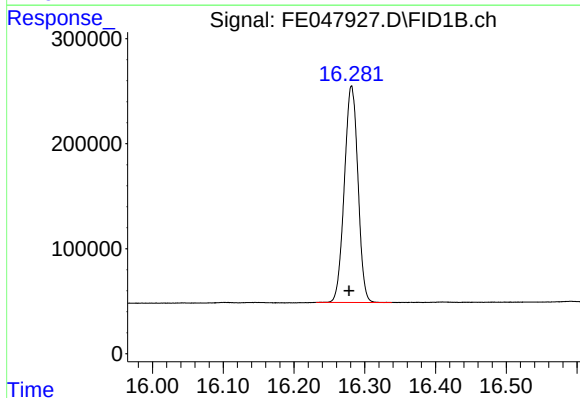
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.003 min
Response: 2570402
Conc: 19.40 ug/ml



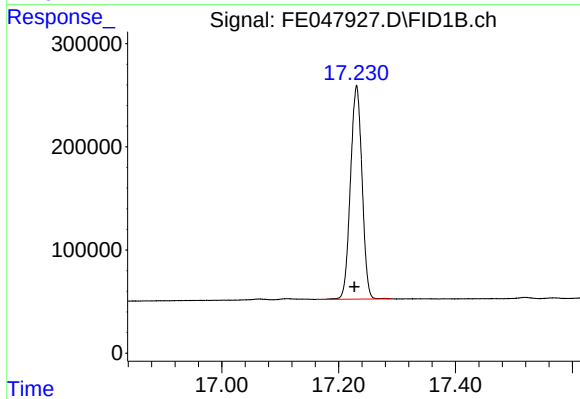
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.002 min
Response: 2682312
Conc: 20.14 ug/ml



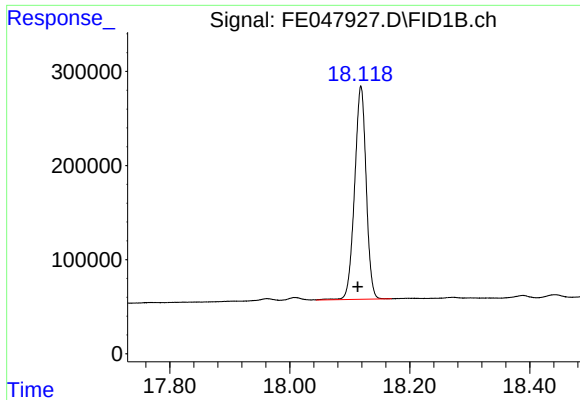
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.003 min
Response: 2749793
Conc: 20.61 ug/ml



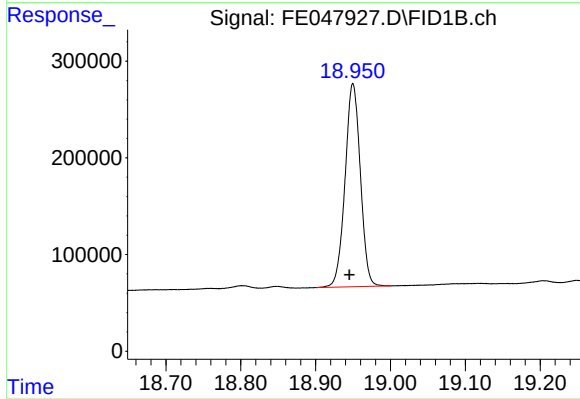
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.004 min
Response: 2839682
Conc: 21.33 ug/ml



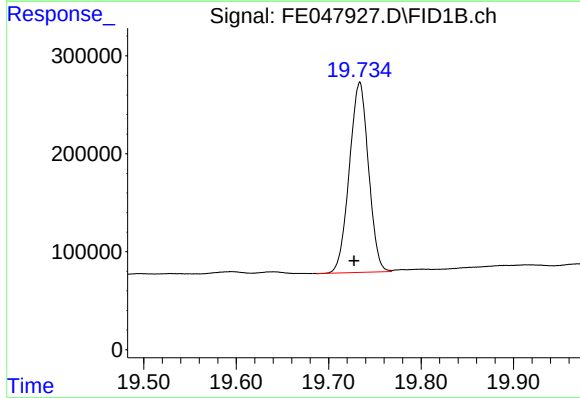
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: 0.005 min
Response: 3026767
Conc: 21.93 ug/ml



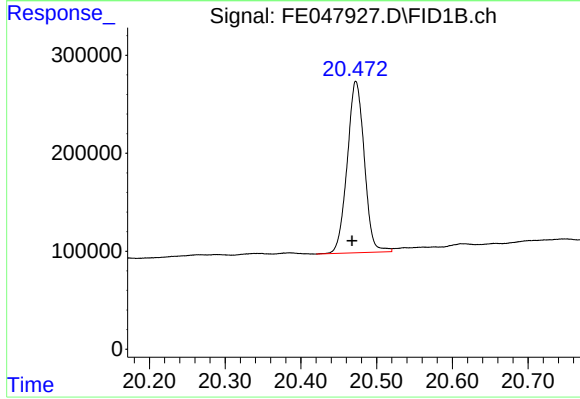
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: 0.005 min
Response: 2984498
Conc: 21.61 ug/ml



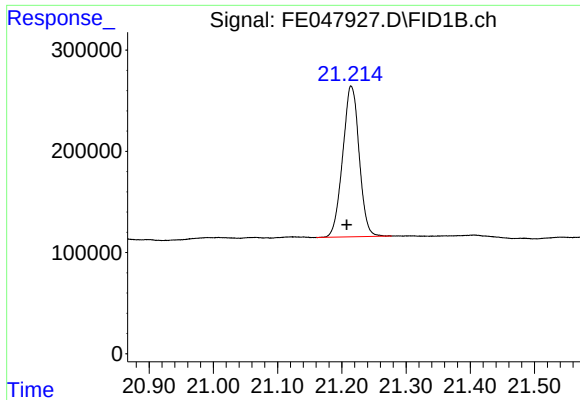
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.006 min
Response: 2790589
Conc: 20.49 ug/ml



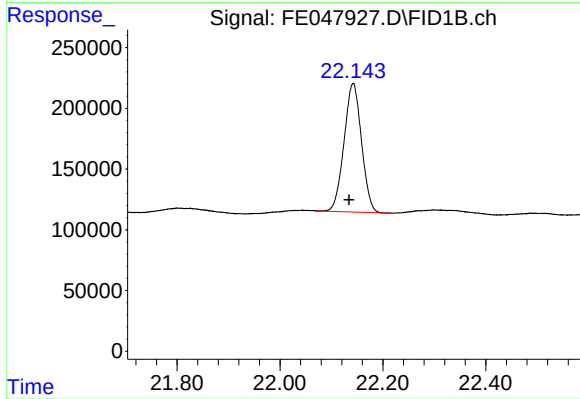
#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: 0.005 min
Response: 2740503
Conc: 20.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: 0.007 min
Response: 2650919
Conc: 19.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: 0.008 min
Response: 2494467
Conc: 17.90 ug/ml