

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012324AL\
 Data File : FE046357.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2024 16:11
 Operator : YP\AJ
 Sample : P1219-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 00:02:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.824	6289631	34.611 ug/ml
Spiked Amount 50.000		Recovery =	69.22%
12) S 1-chlorooctadecane (S...	13.265	5191340	38.854 ug/ml
Spiked Amount 50.000		Recovery =	77.71%
Target Compounds			
4) T n-Dodecane (C12)	6.630	116270	0.745 ug/ml
5) T A~2-methylnaphthalene...	7.248	73234	0.460 ug/ml
6) T n-Tetradecane (C14)	8.454	418744	2.688 ug/ml
7) T n-Hexadecane (C16)	10.063	440625	2.782 ug/ml
8) T n-Octadecane (C18)	11.507	413498	2.627 ug/ml
10) T n-Eicosane (C20)	12.818	247556	1.636 ug/ml
11) T n-Heneicosane (C21)	13.431	188412	1.281 ug/ml
13) T n-Docosane (C22)	14.017	123887	0.848 ug/ml
14) T n-Tetracosane (C24)	15.122	84724	0.584 ug/ml
15) T n-Hexacosane (C26)	16.145	52313	0.365 ug/ml
16) T n-Octacosane (C28)	17.143	92707	0.646 ug/ml
17) T n-Tricontane (C30)	17.986	80088	0.539 ug/ml
18) T n-Dotriacontane (C32)	18.822	74010	0.495 ug/ml
19) T n-Tetratriacontane (C34)	19.607	48509	0.339 ug/ml
20) T n-Hexatriacontane (C36)	20.350	52507	0.360 ug/ml
22) T n-Tetracontane (C40)	21.964f	76015	0.486 ug/ml

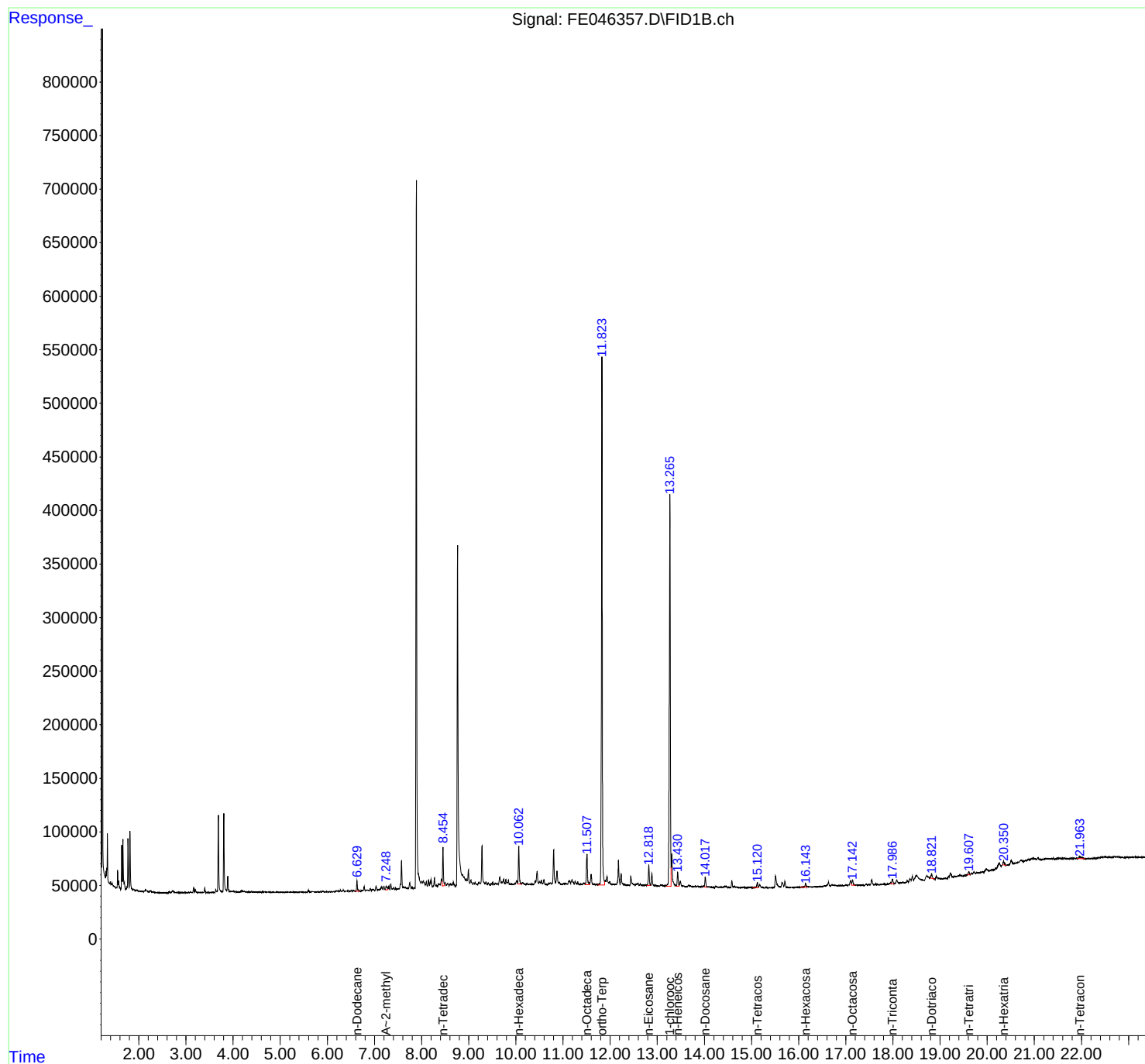
(f)=RT Delta > 1/2 Window

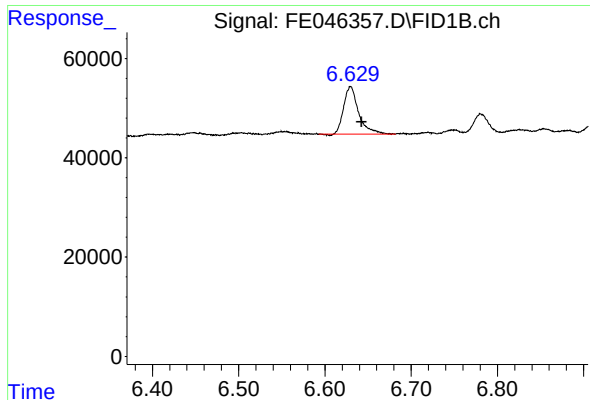
(m)=manual int.

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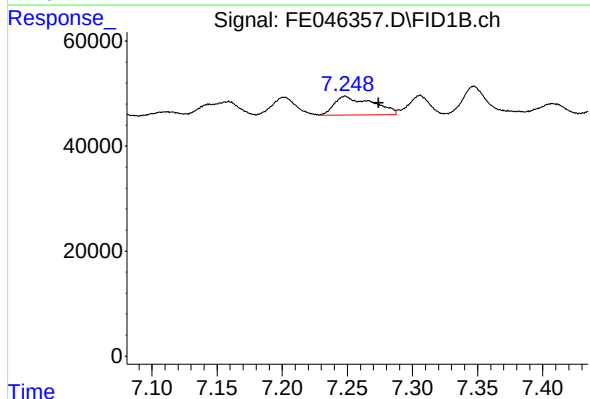
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





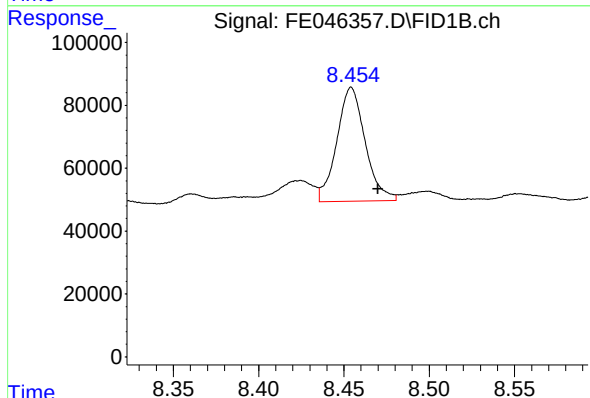
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.013 min
Response: 116270
Conc: 0.74 ug/ml



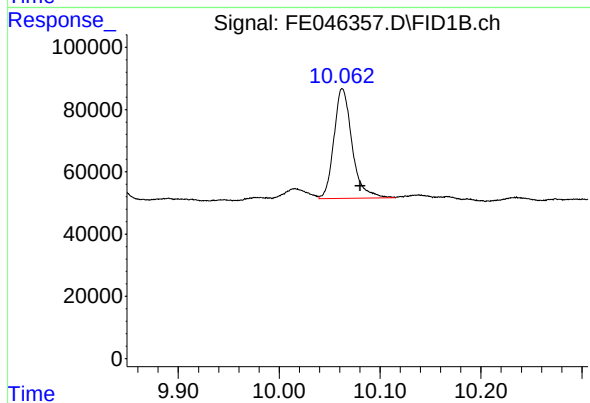
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: -0.026 min
Response: 73234
Conc: 0.46 ug/ml



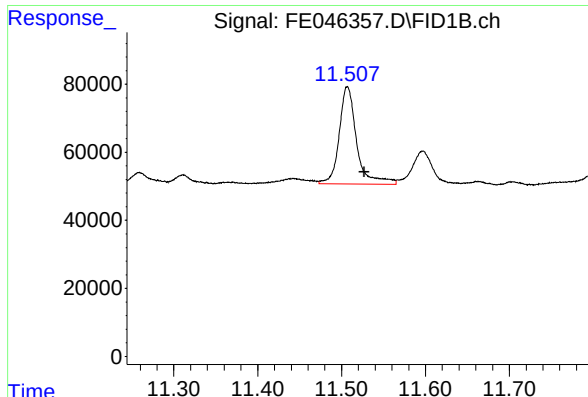
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: -0.016 min
Response: 418744
Conc: 2.69 ug/ml



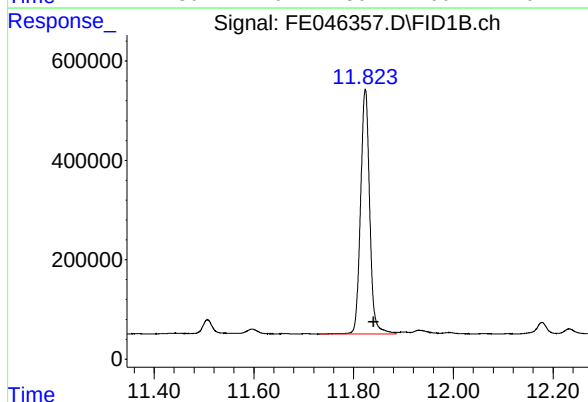
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.018 min
Response: 440625
Conc: 2.78 ug/ml



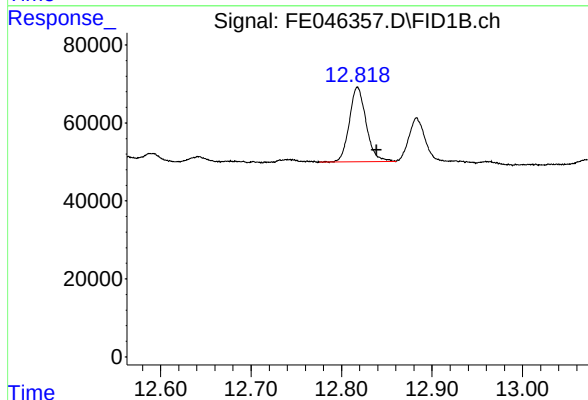
#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.020 min
Response: 413498
Conc: 2.63 ug/ml



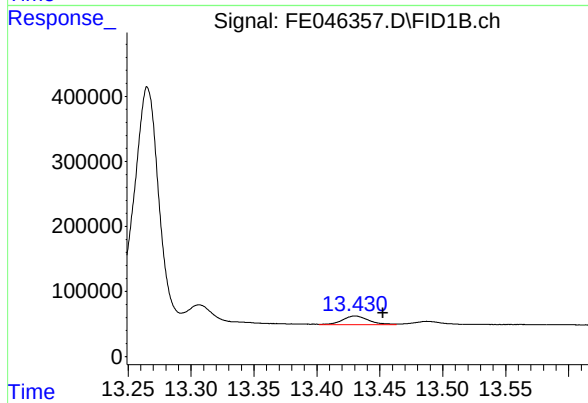
#9 ortho-Terphenyl (SURR)

R.T.: 11.824 min
Delta R.T.: -0.017 min
Response: 6289631
Conc: 34.61 ug/ml



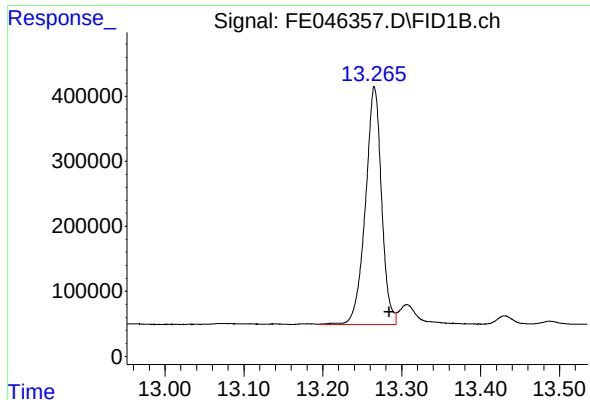
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: -0.021 min
Response: 247556
Conc: 1.64 ug/ml



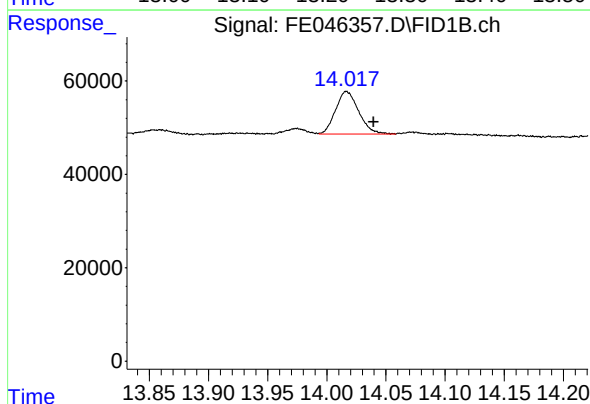
#11 n-Heneicosane (C21)

R.T.: 13.431 min
Delta R.T.: -0.022 min
Response: 188412
Conc: 1.28 ug/ml



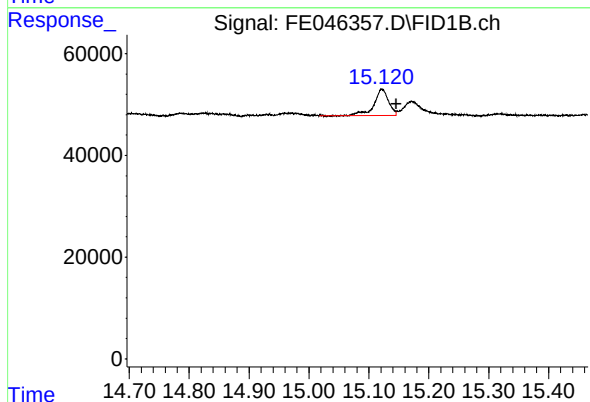
#12 1-chlorooctadecane (SURR)

R.T.: 13.265 min
Delta R.T.: -0.019 min
Response: 5191340
Conc: 38.85 ug/ml



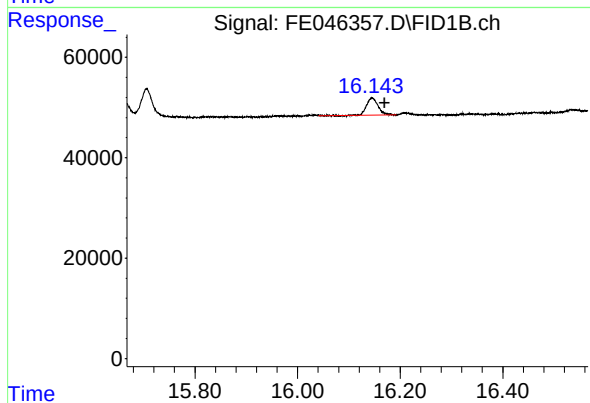
#13 n-Docosane (C22)

R.T.: 14.017 min
Delta R.T.: -0.023 min
Response: 123887
Conc: 0.85 ug/ml



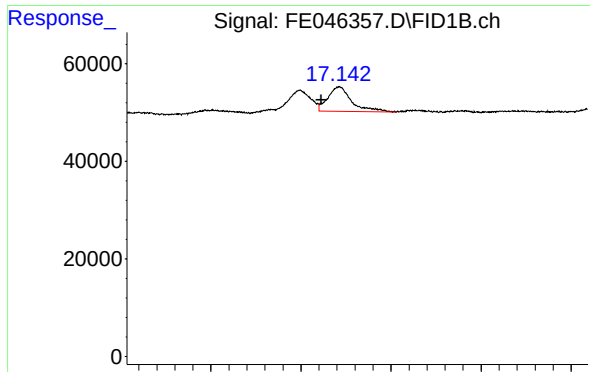
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: -0.024 min
Response: 84724
Conc: 0.58 ug/ml



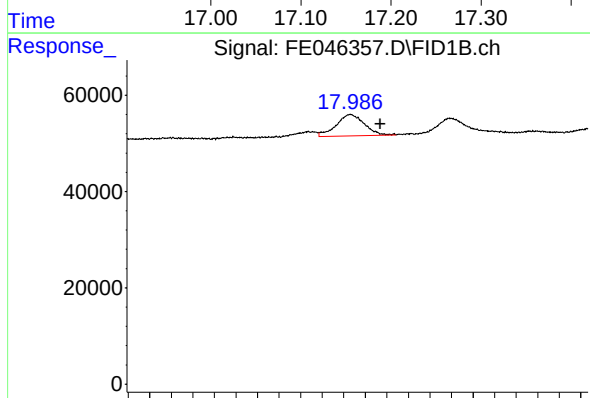
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: -0.025 min
Response: 52313
Conc: 0.36 ug/ml



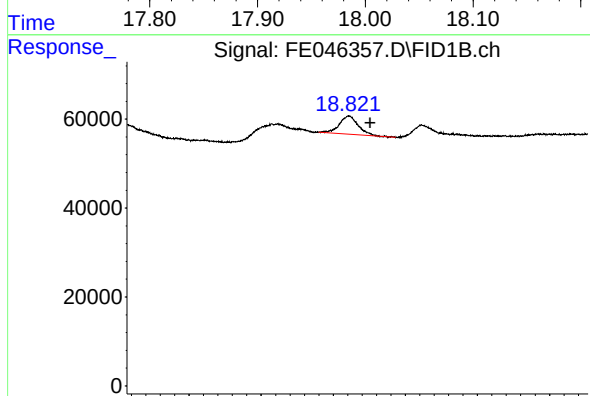
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: 0.020 min
Response: 92707
Conc: 0.65 ug/ml



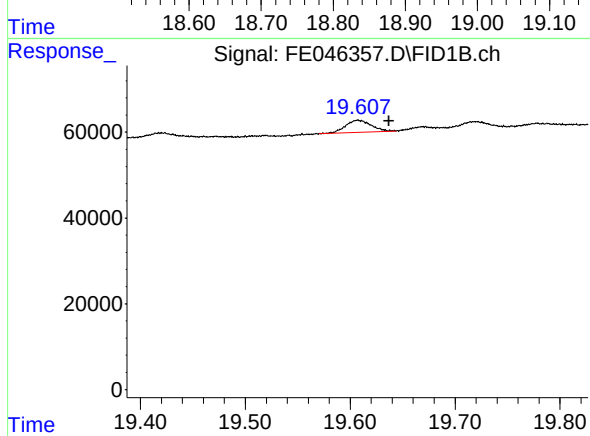
#17 n-Tricontane (C30)

R.T.: 17.986 min
Delta R.T.: -0.028 min
Response: 80088
Conc: 0.54 ug/ml



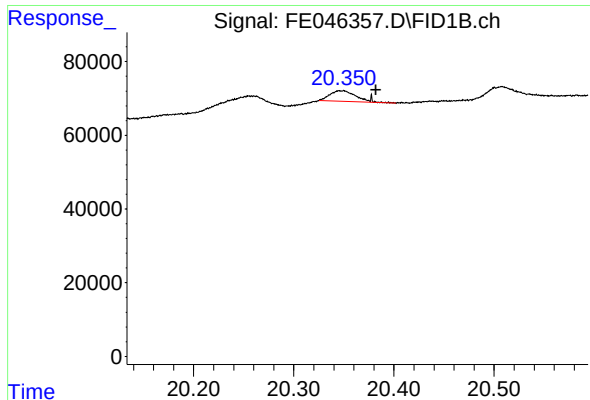
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: -0.030 min
Response: 74010
Conc: 0.49 ug/ml



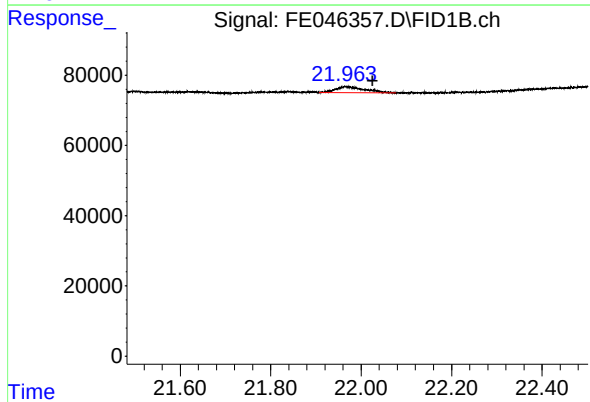
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.030 min
Response: 48509
Conc: 0.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.032 min
Response: 52507
Conc: 0.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.061 min
Response: 76015
Conc: 0.49 ug/ml