

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030624AL\
 Data File : FE047124.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2024 18:14
 Operator : YP\AJ
 Sample : P1684-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 07 00:37:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.782	5864631	35.695 ug/ml
Spiked Amount 50.000		Recovery =	71.39%
12) S 1-chlorooctadecane (S...	13.222	7683085	62.414 ug/ml
Spiked Amount 50.000		Recovery =	124.83%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.185	106840	0.678 ug/ml
4) T n-Dodecane (C12)	6.593	391621	2.519 ug/ml
5) T A~2-methylnaphthalene...	7.270	166035	1.158 ug/ml
6) T n-Tetradecane (C14)	8.418	1663360	10.787 ug/ml
7) T n-Hexadecane (C16)	10.026	3095063	19.507 ug/ml
8) T n-Octadecane (C18)	11.468	2895513	18.163 ug/ml
10) T n-Eicosane (C20)	12.777	1791053	11.832 ug/ml
11) T n-Heneicosane (C21)	13.390	1140497	7.702 ug/ml
13) T n-Docosane (C22)	13.975	845825	5.814 ug/ml
14) T n-Tetracosane (C24)	15.079	465566	3.260 ug/ml
15) T n-Hexacosane (C26)	16.099	263896	1.888 ug/ml
16) T n-Octacosane (C28)	17.054	318464	2.338 ug/ml
17) T n-Tricontane (C30)	17.937	320396	2.296 ug/ml
18) T n-Dotriacontane (C32)	18.775	223070	1.621 ug/ml
19) T n-Tetratriacontane (C34)	19.562	321507	2.393 ug/ml
20) T n-Hexatriacontane (C36)	20.306	143917	1.081 ug/ml
21) T n-Octatriacontane (C38)	21.022	103295	0.750 ug/ml
22) T n-Tetracontane (C40)	21.892	142370	1.009 ug/ml

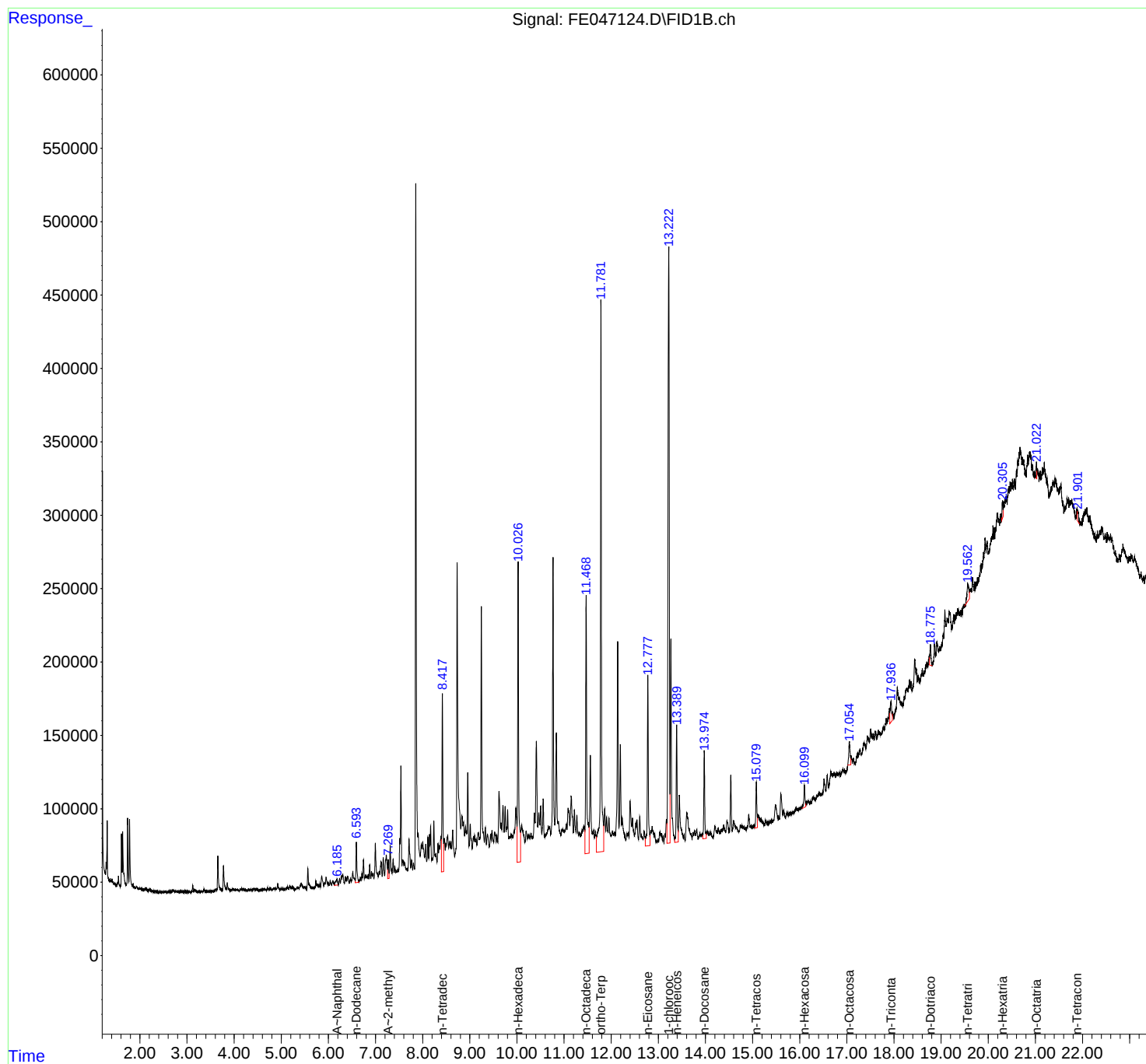
(f)=RT Delta > 1/2 Window

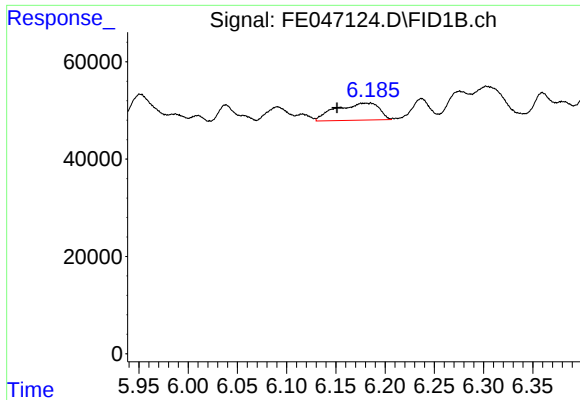
(m)=manual int.

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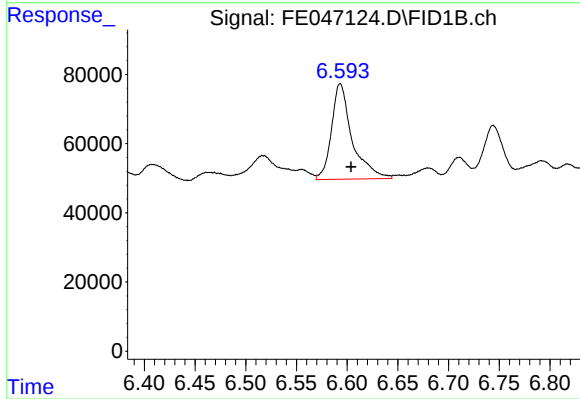
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





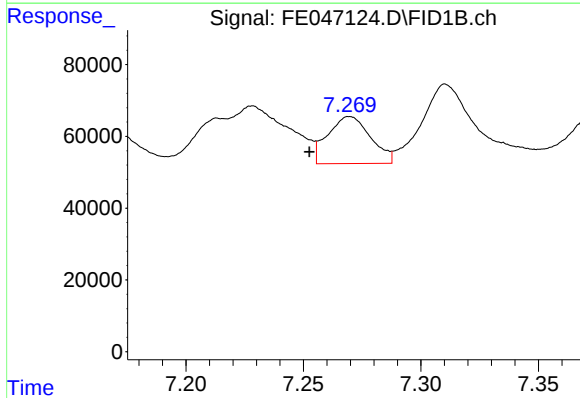
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.033 min
Response: 106840
Conc: 0.68 ug/ml



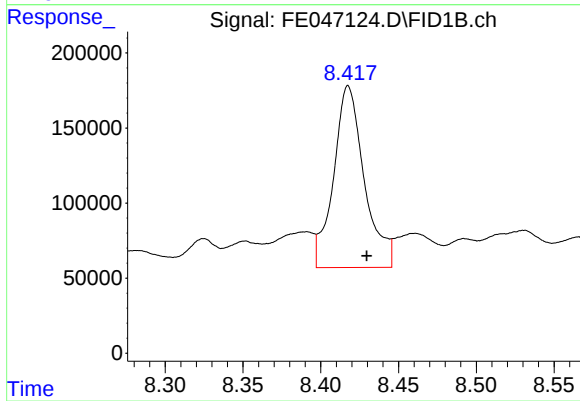
#4 n-Dodecane (C12)

R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 391621
Conc: 2.52 ug/ml



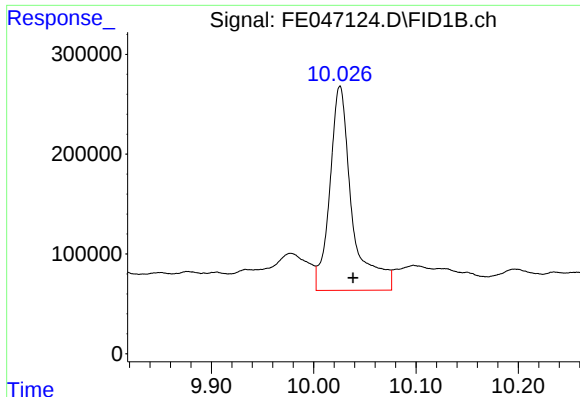
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.270 min
Delta R.T.: 0.017 min
Response: 166035
Conc: 1.16 ug/ml



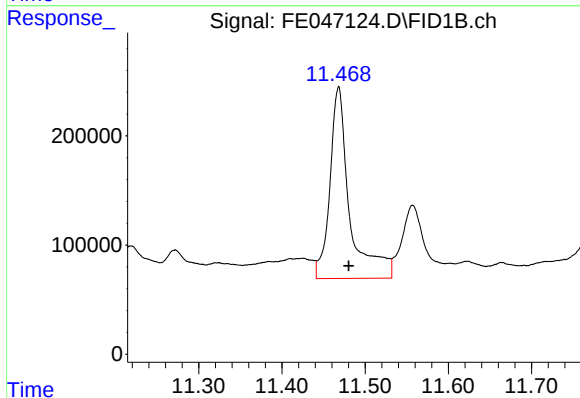
#6 n-Tetradecane (C14)

R.T.: 8.418 min
Delta R.T.: -0.012 min
Response: 1663360
Conc: 10.79 ug/ml



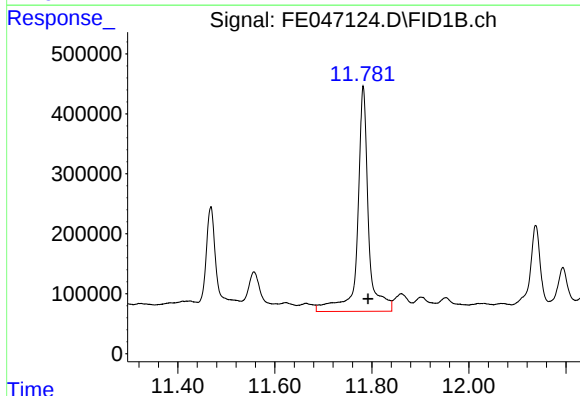
#7 n-Hexadecane (C16)

R.T.: 10.026 min
Delta R.T.: -0.013 min
Response: 3095063
Conc: 19.51 ug/ml



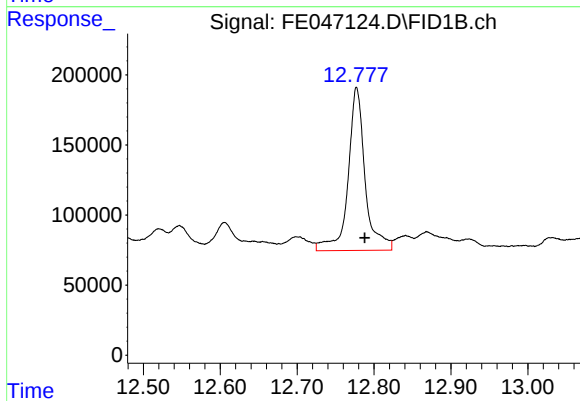
#8 n-Octadecane (C18)

R.T.: 11.468 min
Delta R.T.: -0.012 min
Response: 2895513
Conc: 18.16 ug/ml



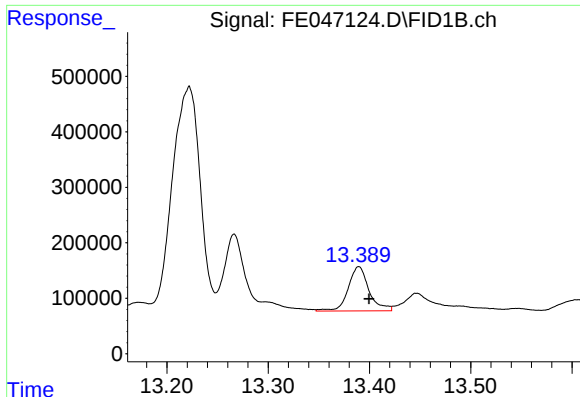
#9 ortho-Terphenyl (SURR)

R.T.: 11.782 min
Delta R.T.: -0.010 min
Response: 5864631
Conc: 35.70 ug/ml



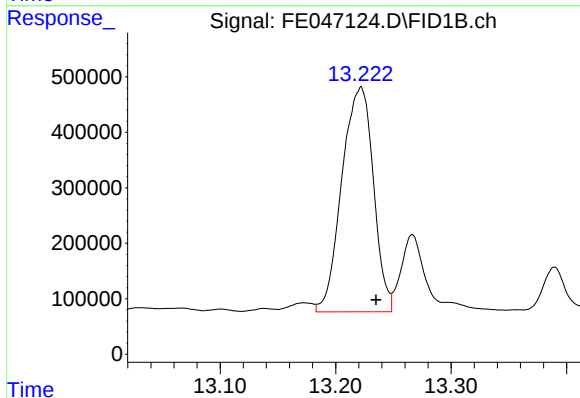
#10 n-Eicosane (C20)

R.T.: 12.777 min
Delta R.T.: -0.010 min
Response: 1791053
Conc: 11.83 ug/ml



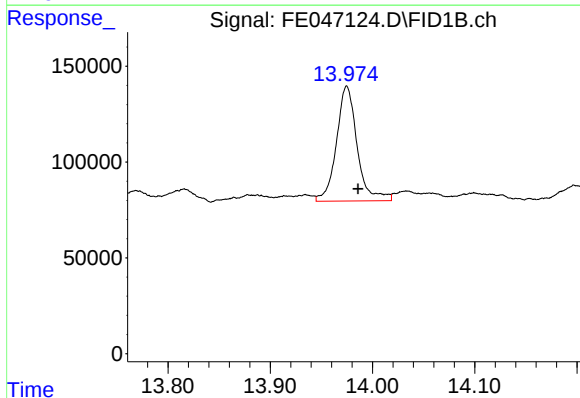
#11 n-Heneicosane (C21)

R.T.: 13.390 min
Delta R.T.: -0.010 min
Response: 1140497
Conc: 7.70 ug/ml



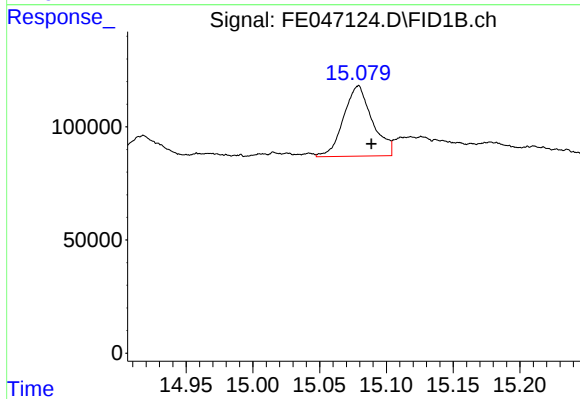
#12 1-chlorooctadecane (SURR)

R.T.: 13.222 min
Delta R.T.: -0.013 min
Response: 7683085
Conc: 62.41 ug/ml



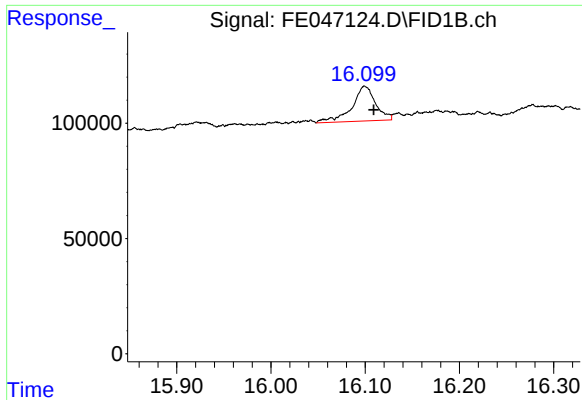
#13 n-Docosane (C22)

R.T.: 13.975 min
Delta R.T.: -0.011 min
Response: 845825
Conc: 5.81 ug/ml



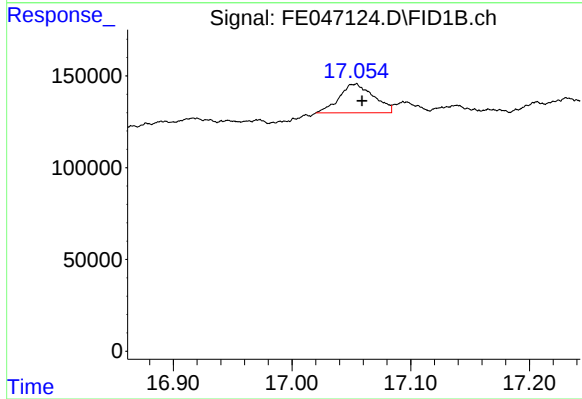
#14 n-Tetracosane (C24)

R.T.: 15.079 min
Delta R.T.: -0.010 min
Response: 465566
Conc: 3.26 ug/ml



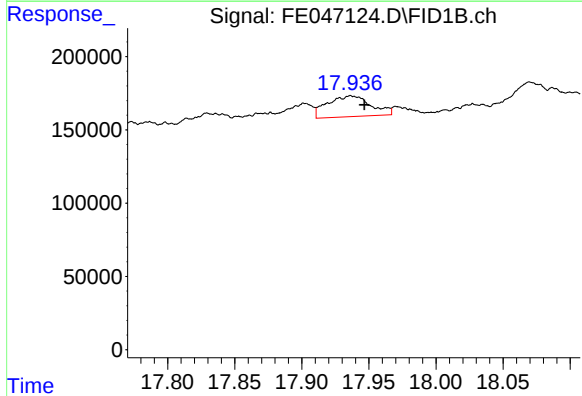
#15 n-Hexacosane (C26)

R.T.: 16.099 min
Delta R.T.: -0.010 min
Response: 263896
Conc: 1.89 ug/ml



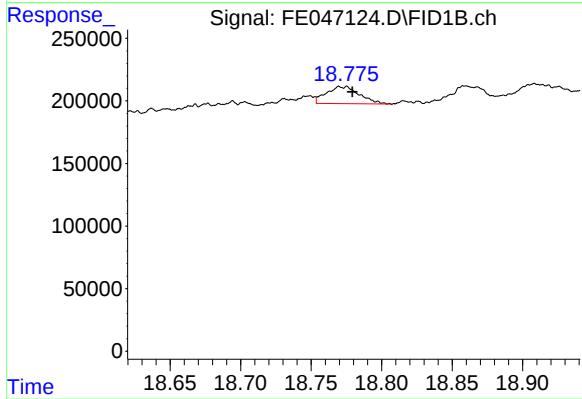
#16 n-Octacosane (C28)

R.T.: 17.054 min
Delta R.T.: -0.006 min
Response: 318464
Conc: 2.34 ug/ml



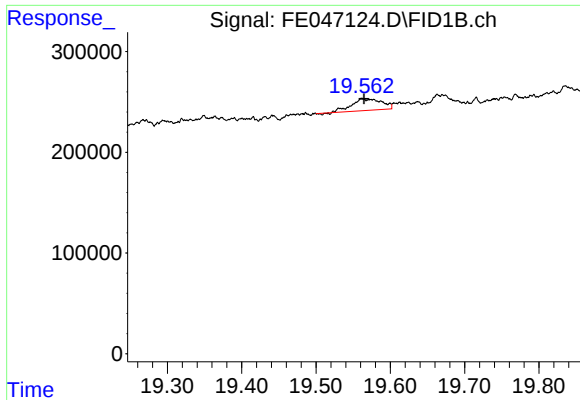
#17 n-Tricontane (C30)

R.T.: 17.937 min
Delta R.T.: -0.010 min
Response: 320396
Conc: 2.30 ug/ml



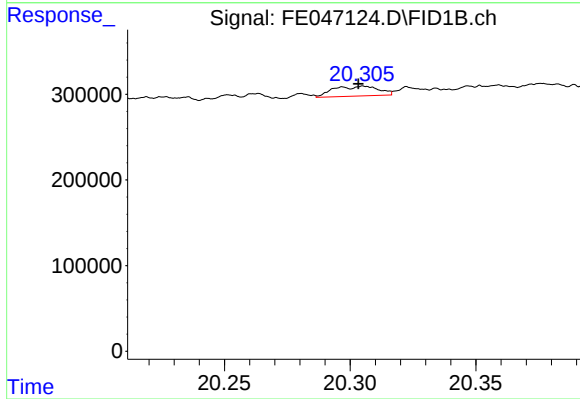
#18 n-Dotriacontane (C32)

R.T.: 18.775 min
Delta R.T.: -0.004 min
Response: 223070
Conc: 1.62 ug/ml



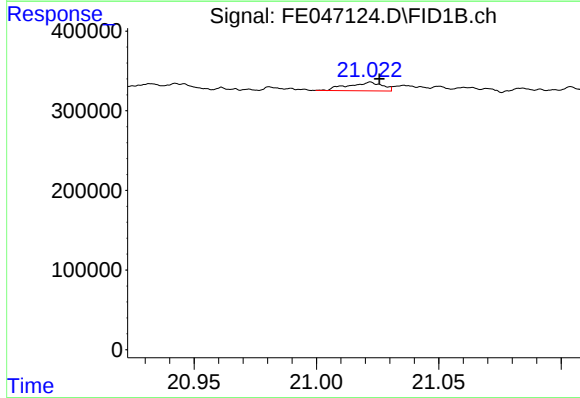
#19 n-Tetratriacontane (C34)

R.T.: 19.562 min
Delta R.T.: -0.003 min
Response: 321507
Conc: 2.39 ug/ml



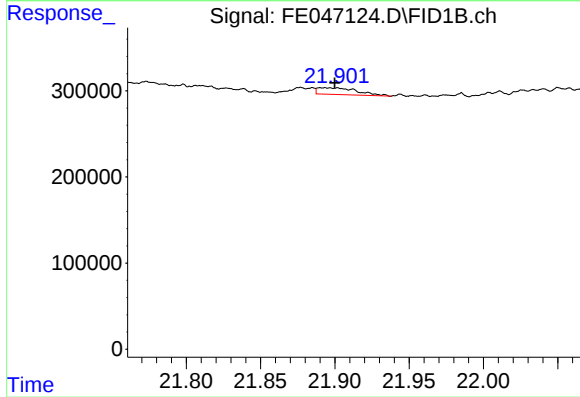
#20 n-Hexatriacontane (C36)

R.T.: 20.306 min
Delta R.T.: 0.002 min
Response: 143917
Conc: 1.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.022 min
Delta R.T.: -0.004 min
Response: 103295
Conc: 0.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: -0.008 min
Response: 142370
Conc: 1.01 ug/ml