

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022624AL\
 Data File : FE046931.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2024 18:14
 Operator : YP\AJ
 Sample : P1573-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 26 22:55:13 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)	11.799	4771394	29.041 ug/ml
Spiked Amount 50.000		Recovery =	58.08%
12) S 1-chlorooctadecane (S...	13.241	5036751	40.916 ug/ml
Spiked Amount 50.000		Recovery =	81.83%
Target Compounds			
2) T n-Decane (C10)	4.435	165082	1.066 ug/ml
3) T A~Naphthalene (C11.7)	6.153	302381	1.920 ug/ml
4) T n-Dodecane (C12)	6.606	215794	1.388 ug/ml
5) T A~2-methylnaphthalene...	7.251	214539	1.496 ug/ml
6) T n-Tetradecane (C14)	8.432	328999	2.134 ug/ml
7) T n-Hexadecane (C16)	10.040	299726	1.889 ug/ml
8) T n-Octadecane (C18)	11.483	268028	1.681 ug/ml
10) T n-Eicosane (C20)	12.792	508660	3.360 ug/ml
11) T n-Heneicosane (C21)	13.406	120078	0.811 ug/ml
13) T n-Docosane (C22)	13.993	392415	2.697 ug/ml
14) T n-Tetracosane (C24)	15.100	2234080	15.643 ug/ml
15) T n-Hexacosane (C26)	16.118	366341	2.622 ug/ml
16) T n-Octacosane (C28)	17.072	151754	1.114 ug/ml
17) T n-Tricontane (C30)	17.935	275689	1.976 ug/ml
18) T n-Dotriacontane (C32)	18.797	591119	4.296 ug/ml
19) T n-Tetratriacontane (C34)	19.547	85507	0.637 ug/ml
20) T n-Hexatriacontane (C36)	20.328	923862	6.938 ug/ml
21) T n-Octatriacontane (C38)	20.998	103743	0.753 ug/ml
22) T n-Tetracontane (C40)	21.961f	1738095	12.319 ug/ml

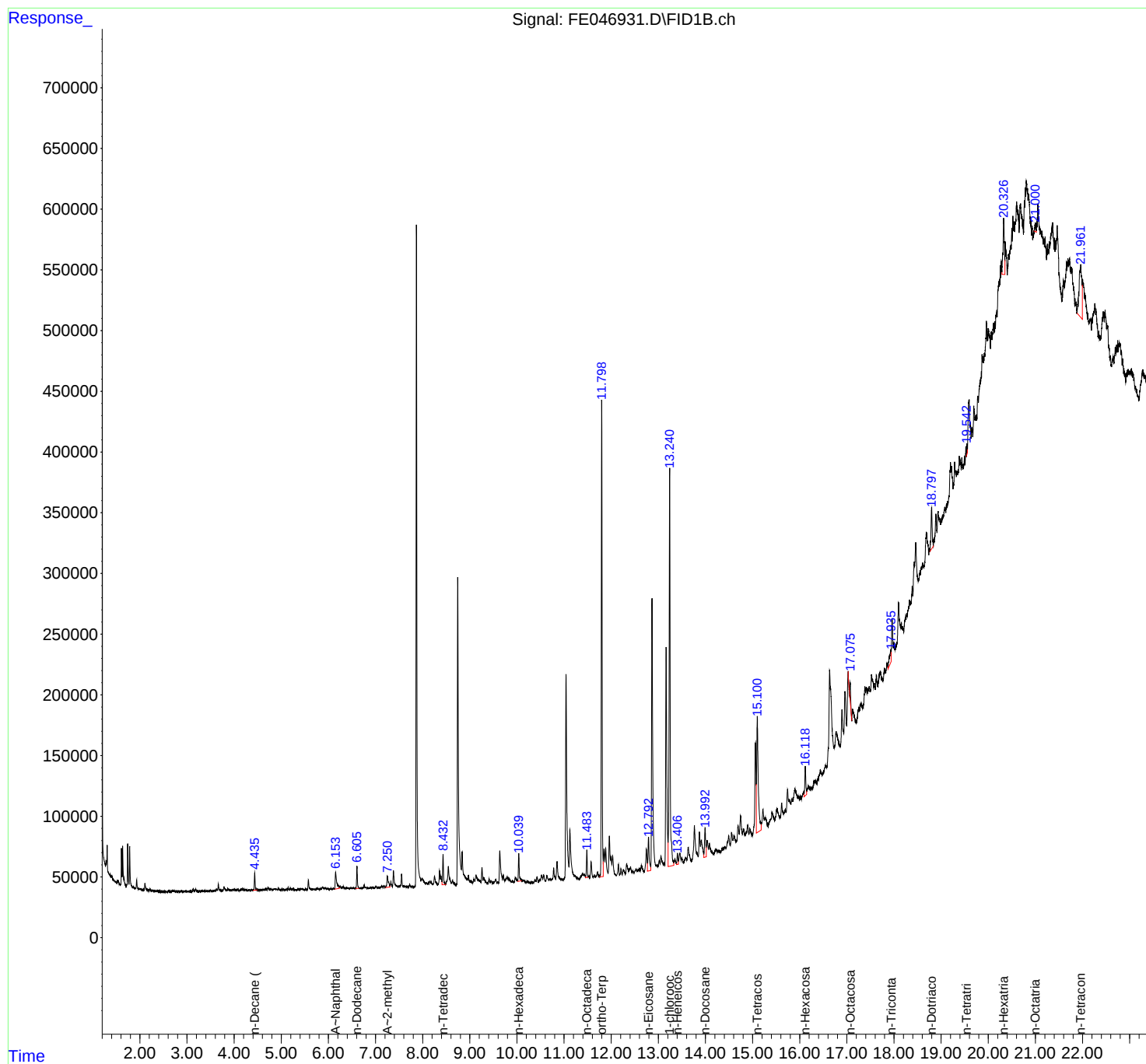
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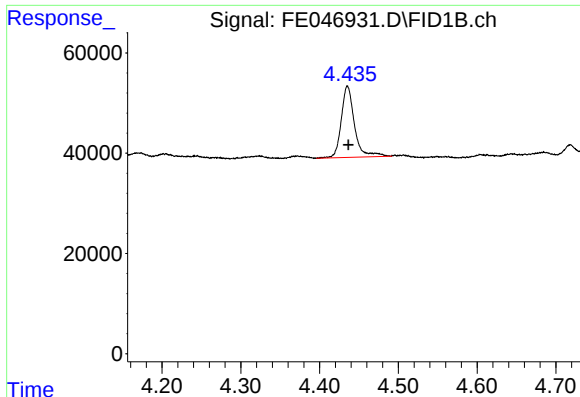
(m)=manual int.

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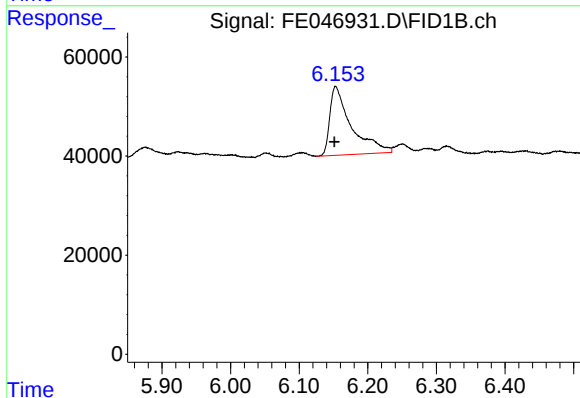
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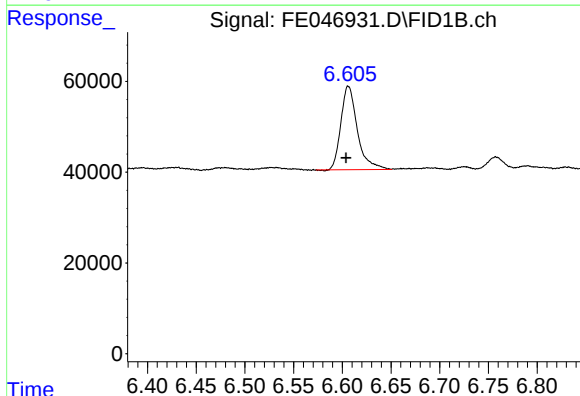
#2 n-Decane (C10)

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 165082
Conc: 1.07 ug/ml



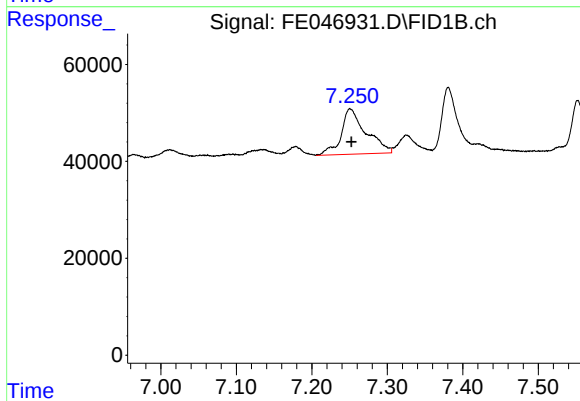
#3 A~Naphthalene (C11.7)

R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 302381
Conc: 1.92 ug/ml



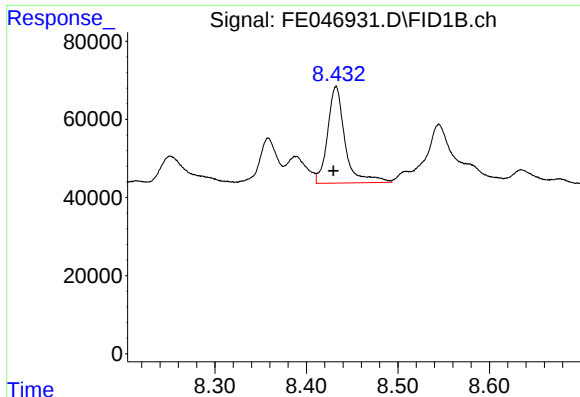
#4 n-Dodecane (C12)

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 215794
Conc: 1.39 ug/ml



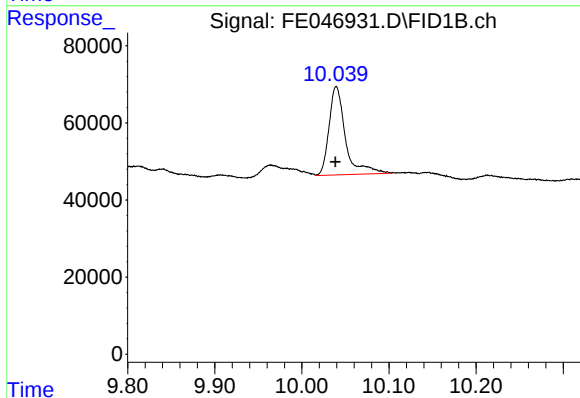
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: -0.002 min
Response: 214539
Conc: 1.50 ug/ml



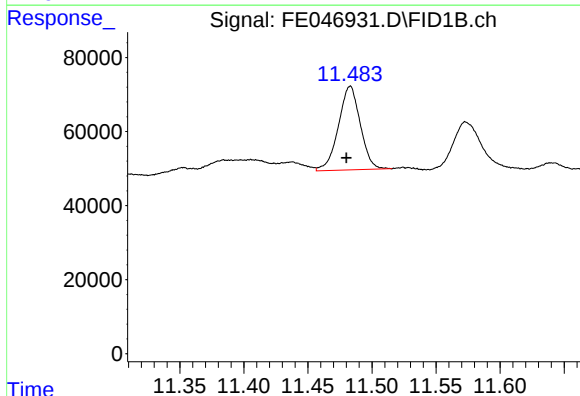
#6 n-Tetradecane (C14)

R.T.: 8.432 min
Delta R.T.: 0.003 min
Response: 328999
Conc: 2.13 ug/ml



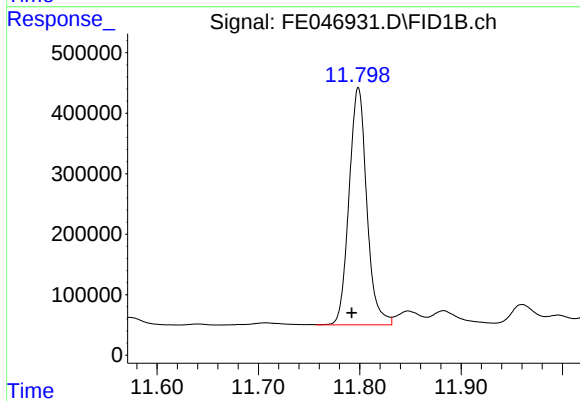
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.000 min
Response: 299726
Conc: 1.89 ug/ml



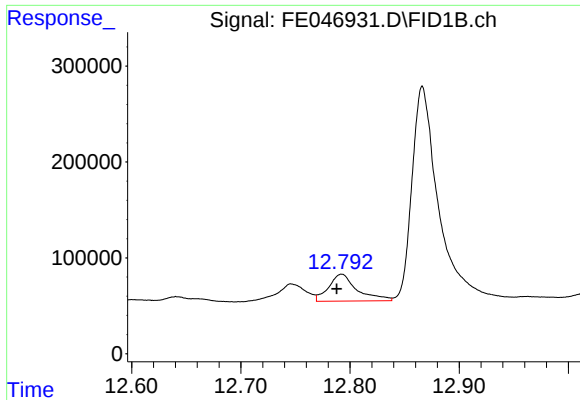
#8 n-Octadecane (C18)

R.T.: 11.483 min
Delta R.T.: 0.003 min
Response: 268028
Conc: 1.68 ug/ml



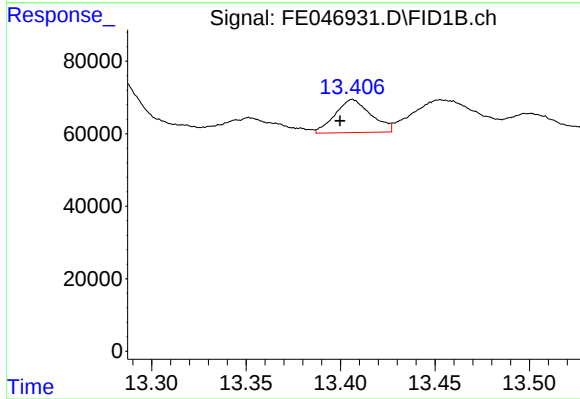
#9 ortho-Terphenyl (SURR)

R.T.: 11.799 min
Delta R.T.: 0.007 min
Response: 4771394
Conc: 29.04 ug/ml



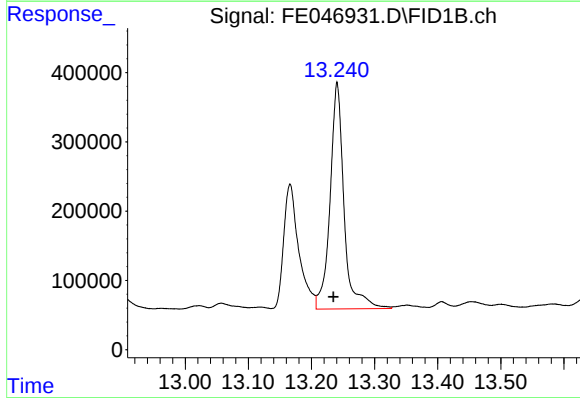
#10 n-Eicosane (C20)

R.T.: 12.792 min
Delta R.T.: 0.005 min
Response: 508660
Conc: 3.36 ug/ml



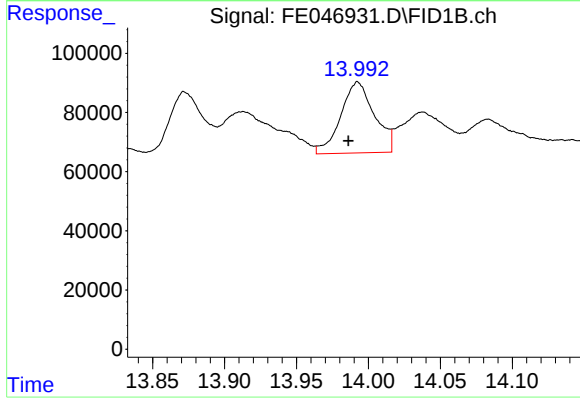
#11 n-Heneicosane (C21)

R.T.: 13.406 min
Delta R.T.: 0.007 min
Response: 120078
Conc: 0.81 ug/ml



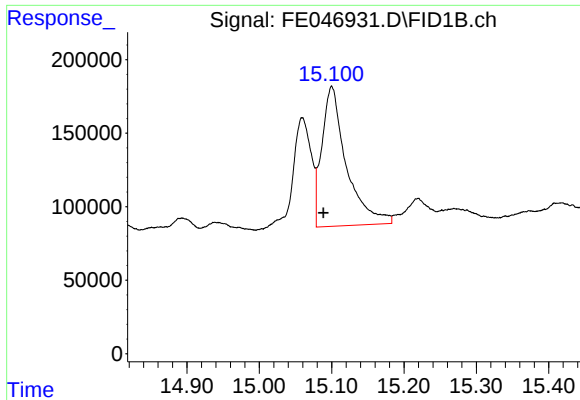
#12 1-chlorooctadecane (SURR)

R.T.: 13.241 min
Delta R.T.: 0.006 min
Response: 5036751
Conc: 40.92 ug/ml



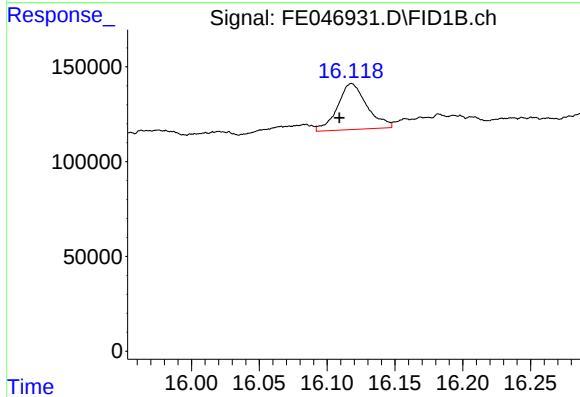
#13 n-Docosane (C22)

R.T.: 13.993 min
Delta R.T.: 0.007 min
Response: 392415
Conc: 2.70 ug/ml



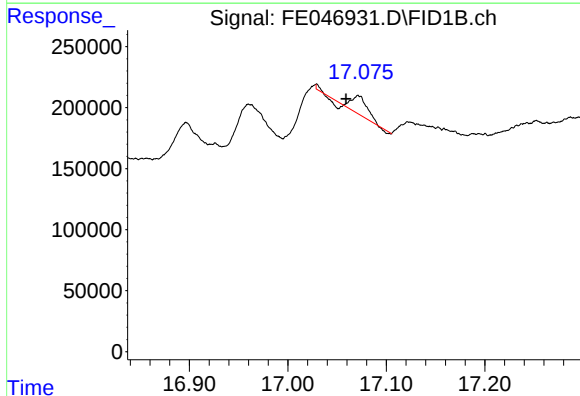
#14 n-Tetracosane (C24)

R.T.: 15.100 min
Delta R.T.: 0.011 min
Response: 2234080
Conc: 15.64 ug/ml



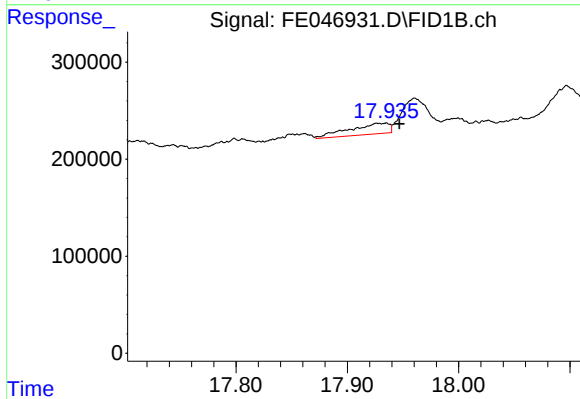
#15 n-Hexacosane (C26)

R.T.: 16.118 min
Delta R.T.: 0.009 min
Response: 366341
Conc: 2.62 ug/ml



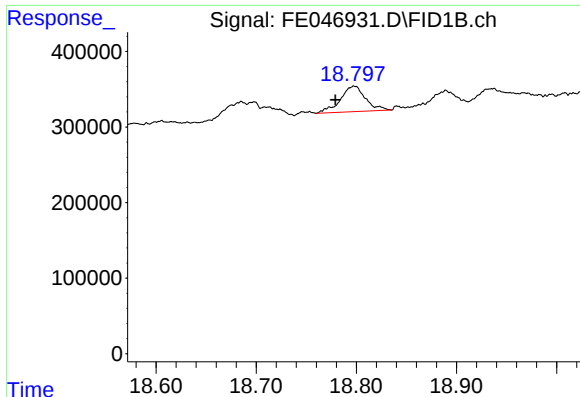
#16 n-Octacosane (C28)

R.T.: 17.072 min
Delta R.T.: 0.013 min
Response: 151754
Conc: 1.11 ug/ml



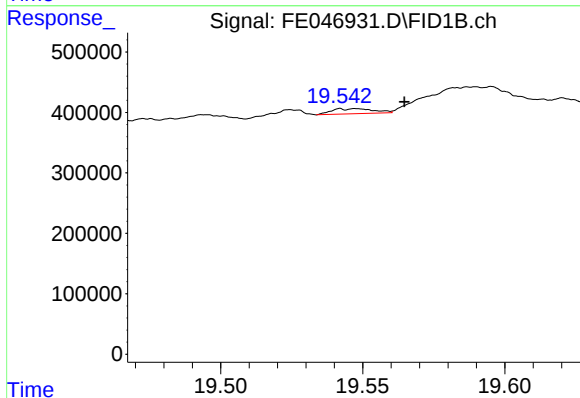
#17 n-Tricontane (C30)

R.T.: 17.935 min
Delta R.T.: -0.012 min
Response: 275689
Conc: 1.98 ug/ml



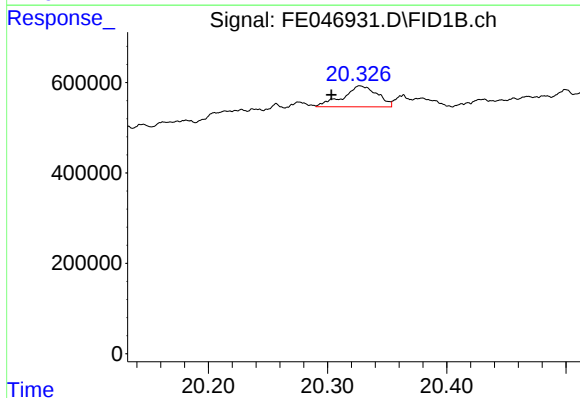
#18 n-Dotriacontane (C32)

R.T.: 18.797 min
Delta R.T.: 0.018 min
Response: 591119
Conc: 4.30 ug/ml



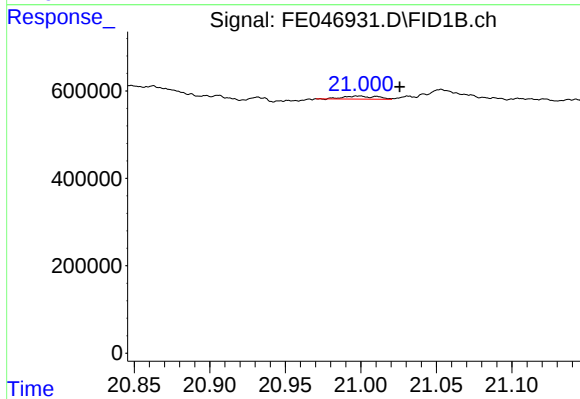
#19 n-Tetratriacontane (C34)

R.T.: 19.547 min
Delta R.T.: -0.018 min
Response: 85507
Conc: 0.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: 0.025 min
Response: 923862
Conc: 6.94 ug/ml



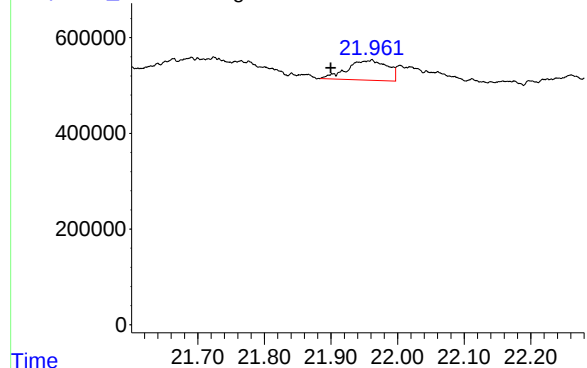
#21 n-Octatriacontane (C38)

R.T.: 20.998 min
Delta R.T.: -0.028 min
Response: 103743
Conc: 0.75 ug/ml

Response_

Signal: FE046931.D\FID1B.ch

#22 n-Tetracontane (C40)



R.T.: 21.961 min
Delta R.T.: 0.061 min
Response: 1738095
Conc: 12.32 ug/ml