

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102523AL\
 Data File : FE045028.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2023 11:30
 Operator : YP\AJ
 Sample : 05011-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 11:53:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.916	32675040	162.996 ug/ml
Spiked Amount 50.000		Recovery =	325.99%
12) S 1-chlorooctadecane (S...	13.358	24459951	165.286 ug/ml
Spiked Amount 50.000		Recovery =	330.57%
Target Compounds			
1) T n-Nonane (C9)	3.281	270367	1.612 ug/ml
2) T n-Decane (C10)	4.568	127818	0.750 ug/ml
3) T A~Naphthalene (C11.7)	6.236	47267	0.255 ug/ml
4) T n-Dodecane (C12)	6.699	126794	0.735 ug/ml
5) T A~2-methylnaphthalene...	7.363	345154	1.913 ug/ml
6) T n-Tetradecane (C14)	8.531	1399446	8.161 ug/ml
7) T n-Hexadecane (C16)	10.154	11095359	63.450 ug/ml
8) T n-Octadecane (C18)	11.599	12981278	74.428 ug/ml
10) T n-Eicosane (C20)	12.918	21158247	126.673 ug/ml
11) T n-Heneicosane (C21)	13.530	11134937	68.307 ug/ml
13) T n-Docosane (C22)	14.111	16339569	102.152 ug/ml
14) T n-Tetracosane (C24)	15.237	817576	5.268 ug/ml
15) T n-Hexacosane (C26)	16.229	1891273	12.597 ug/ml
16) T n-Octacosane (C28)	17.178	891763	6.073 ug/ml
17) T n-Tricontane (C30)	18.061	192217	1.292 ug/ml
18) T n-Dotriacontane (C32)	18.892	312585	2.083 ug/ml
19) T n-Tetratriacontane (C34)	19.733	915893	6.153 ug/ml
20) T n-Hexatriacontane (C36)	20.449	1083570	7.048 ug/ml
22) T n-Tetracontane (C40)	22.149	1133938	6.785 ug/ml

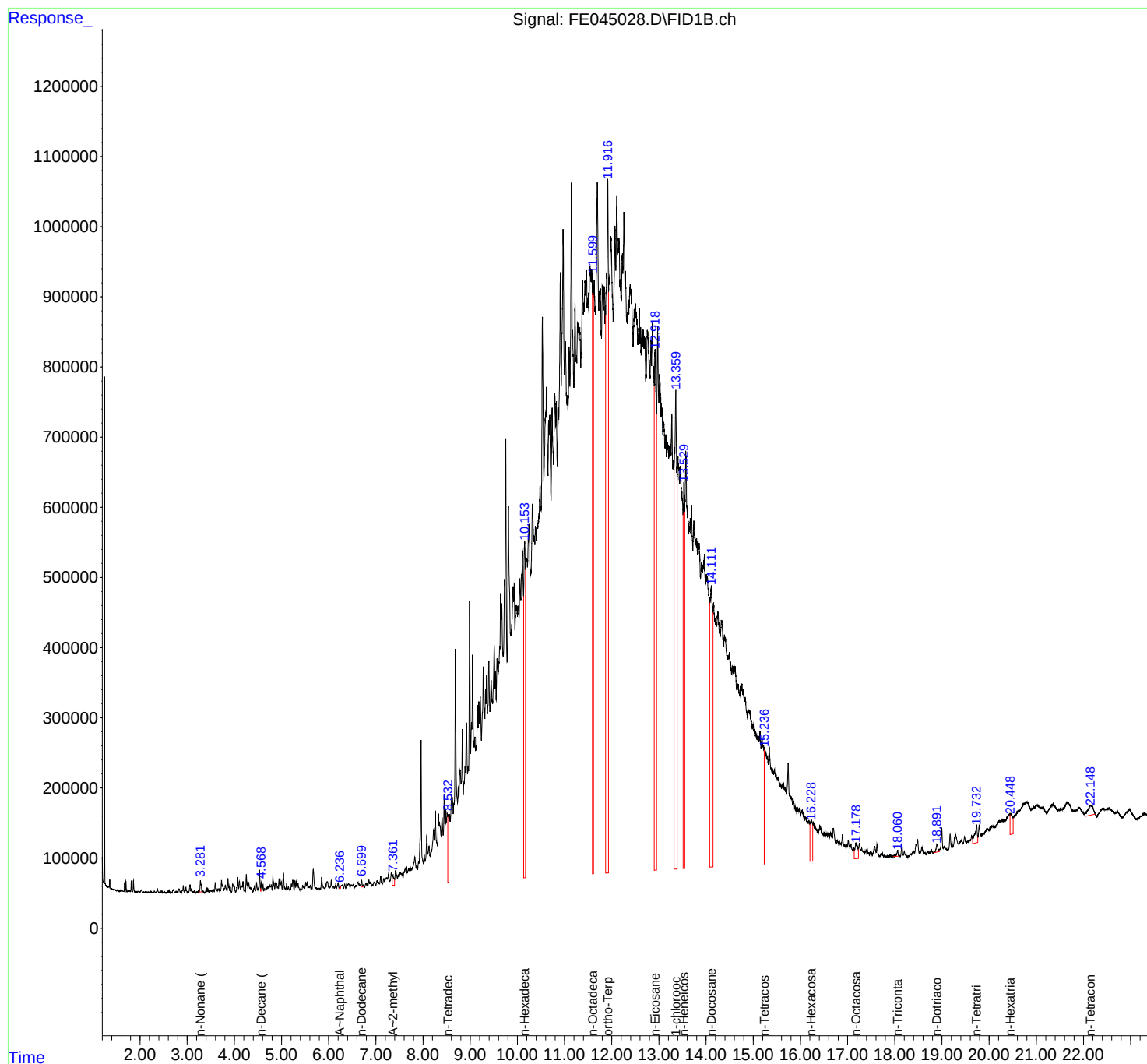
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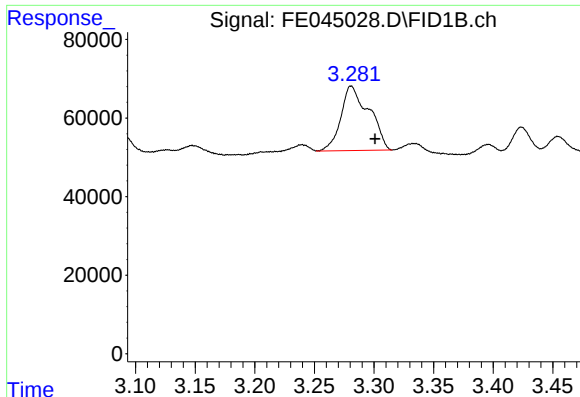
(m)=manual int.

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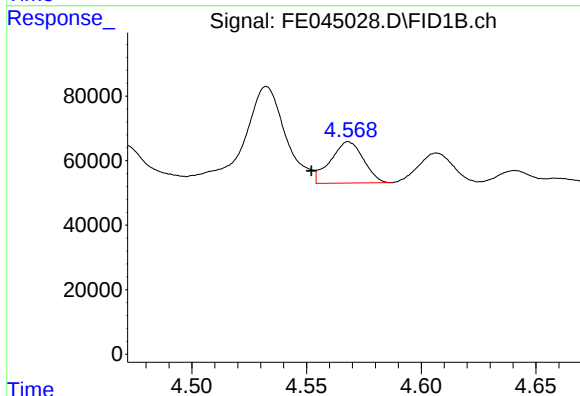
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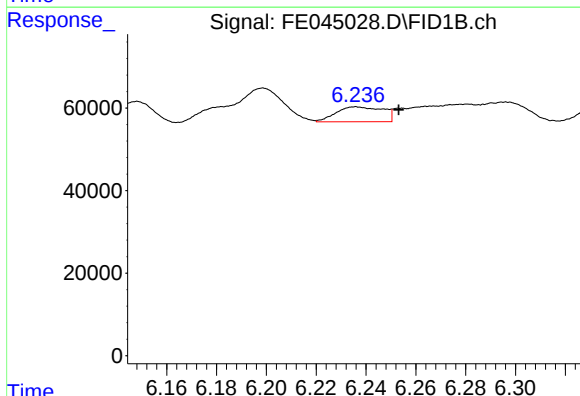
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.020 min
Response: 270367
Conc: 1.61 ug/ml



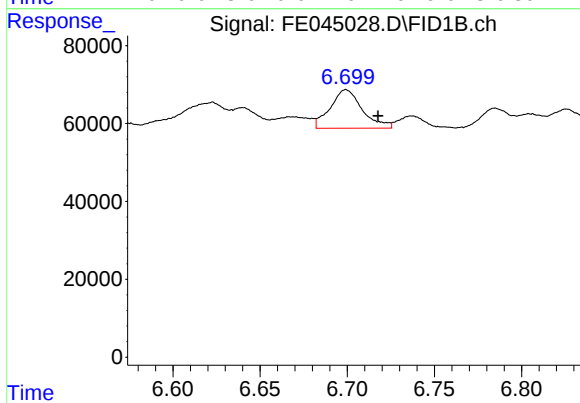
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.016 min
Response: 127818
Conc: 0.75 ug/ml



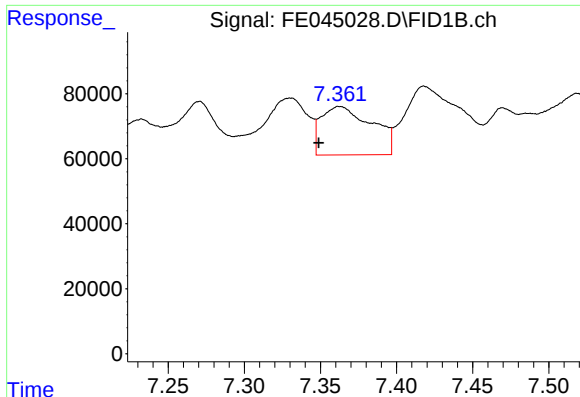
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.017 min
Response: 47267
Conc: 0.26 ug/ml



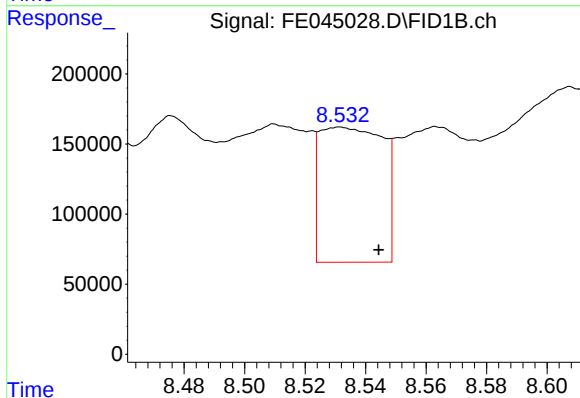
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.018 min
Response: 126794
Conc: 0.73 ug/ml



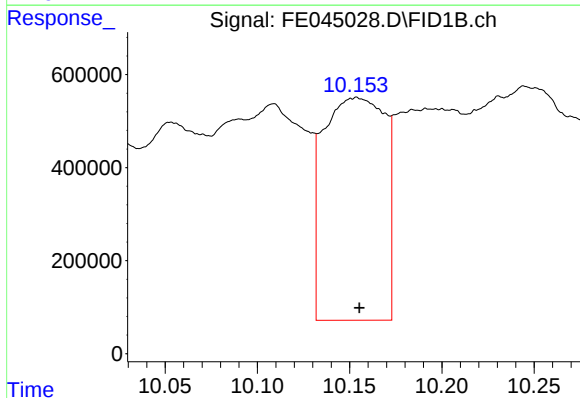
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.014 min
Response: 345154
Conc: 1.91 ug/ml



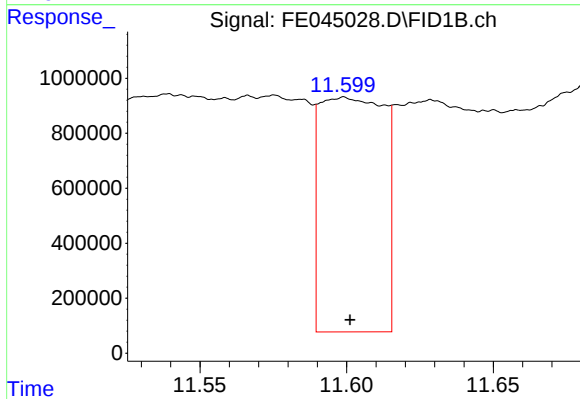
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 1399446
Conc: 8.16 ug/ml



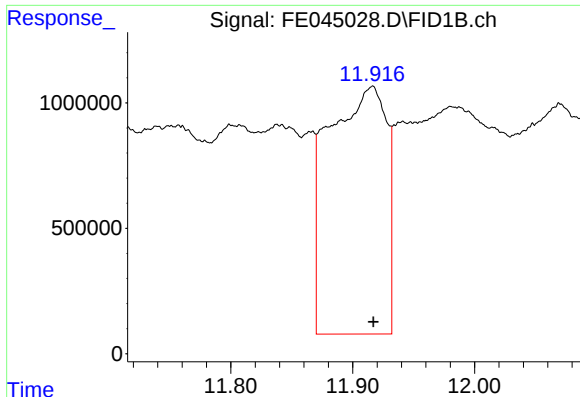
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: -0.002 min
Response: 11095359
Conc: 63.45 ug/ml



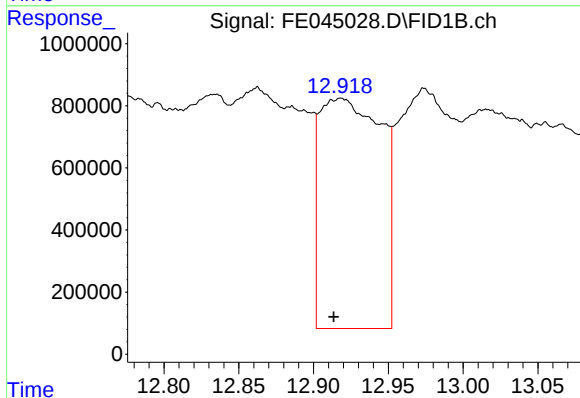
#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: -0.002 min
Response: 12981278
Conc: 74.43 ug/ml



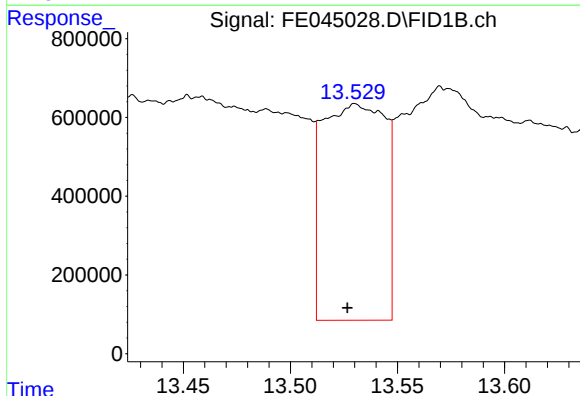
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 32675040
Conc: 163.00 ug/ml



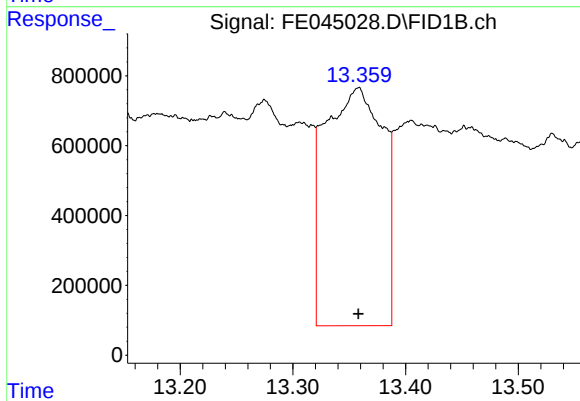
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.005 min
Response: 21158247
Conc: 126.67 ug/ml



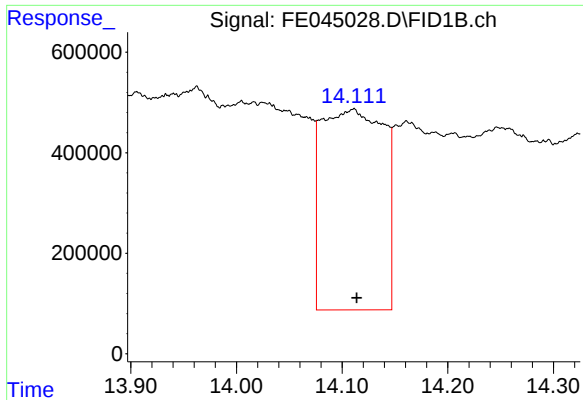
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: 0.004 min
Response: 11134937
Conc: 68.31 ug/ml



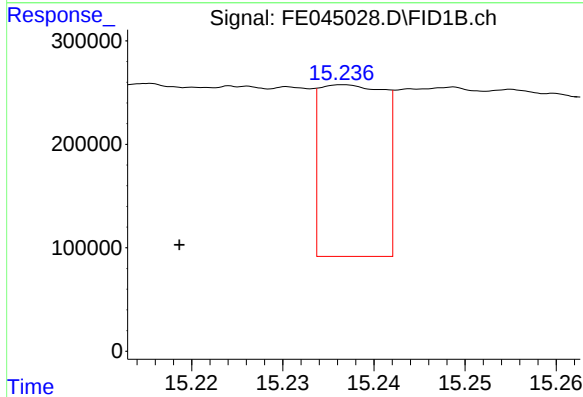
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 24459951
Conc: 165.29 ug/ml



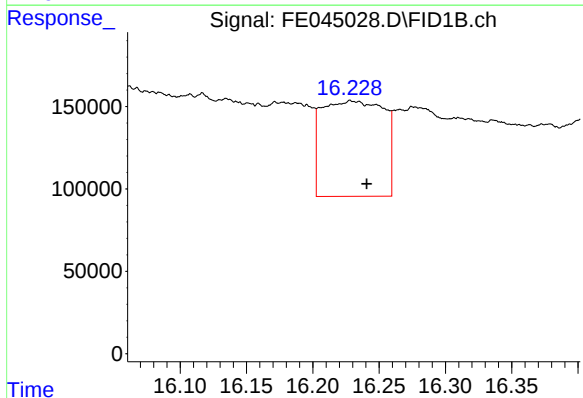
#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: -0.003 min
Response: 16339569
Conc: 102.15 ug/ml



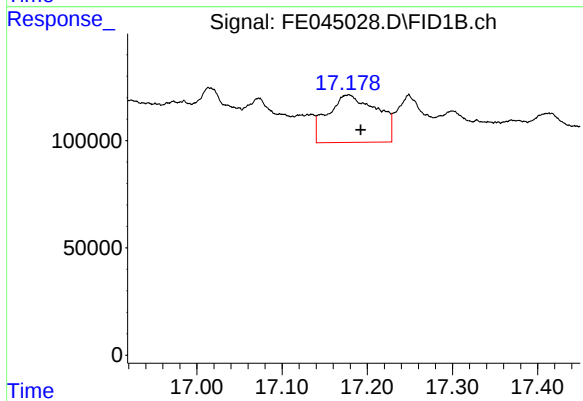
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.018 min
Response: 817576
Conc: 5.27 ug/ml



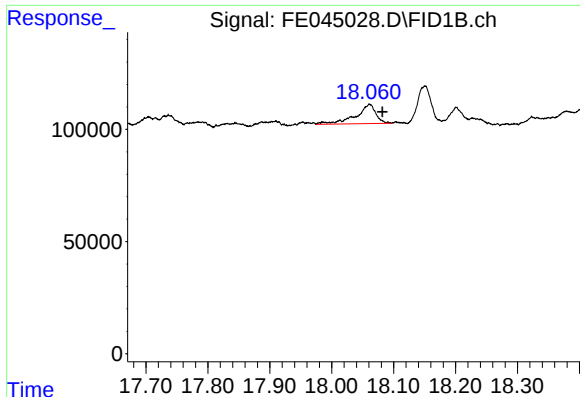
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.012 min
Response: 1891273
Conc: 12.60 ug/ml



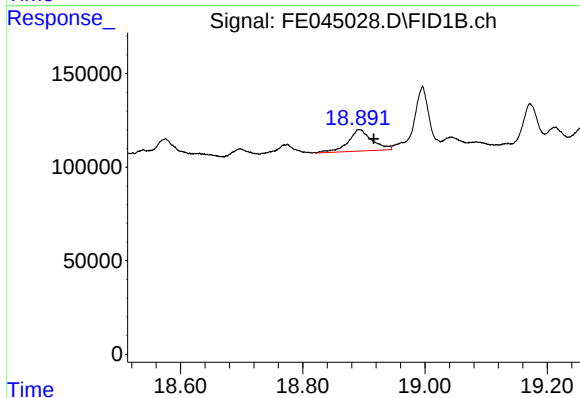
#16 n-Octacosane (C28)

R.T.: 17.178 min
Delta R.T.: -0.014 min
Response: 891763
Conc: 6.07 ug/ml



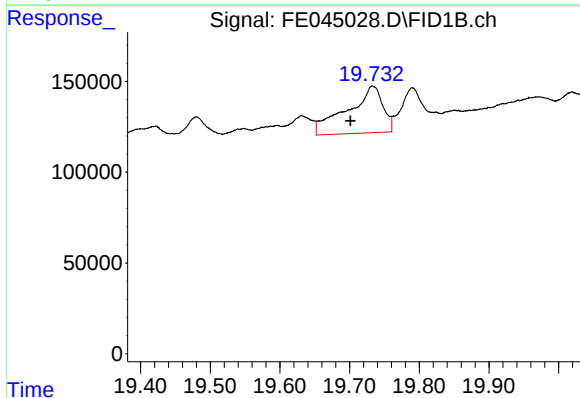
#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: -0.021 min
Response: 192217
Conc: 1.29 ug/ml



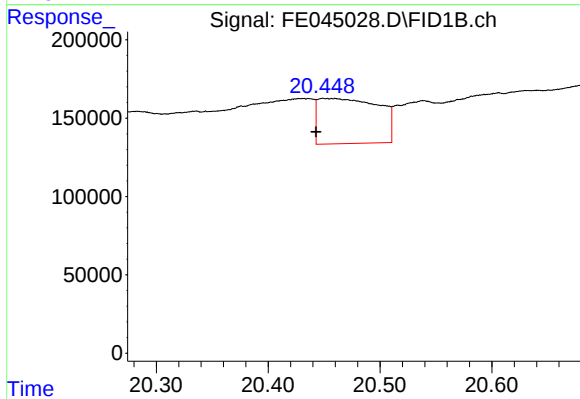
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: -0.024 min
Response: 312585
Conc: 2.08 ug/ml



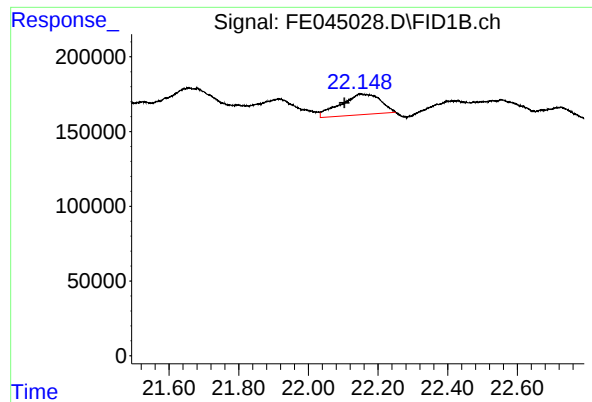
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.031 min
Response: 915893
Conc: 6.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: 0.006 min
Response: 1083570
Conc: 7.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.046 min
Response: 1133938
Conc: 6.79 ug/ml