

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121823AL\
 Data File : FE045889.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2023 16:06
 Operator : YP\AJ
 Sample : 05882-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 23:22:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.845	6692524	32.004 ug/ml
Spiked Amount 50.000		Recovery =	64.01%
12) S 1-chlorooctadecane (S...	13.347	259159966	1647.075 ug/ml
Spiked Amount 50.000		Recovery =	3294.15%
Target Compounds			
1) T n-Nonane (C9)	3.223	53521	0.338 ug/ml
2) T n-Decane (C10)	4.510	170585	1.065 ug/ml
3) T A~Naphthalene (C11.7)	6.218	978864	5.619 ug/ml
4) T n-Dodecane (C12)	6.646	3033435	18.780 ug/ml
5) T A~2-methylnaphthalene...	7.278	2970796	17.494 ug/ml
6) T n-Tetradecane (C14)	8.477	5494068	34.247 ug/ml
7) T n-Hexadecane (C16)	10.087	7724858	46.649 ug/ml
8) T n-Octadecane (C18)	11.533	5869100	34.232 ug/ml
10) T n-Eicosane (C20)	12.845	4659194	26.928 ug/ml
11) T n-Heneicosane (C21)	13.479	3465508	20.145 ug/ml
13) T n-Docosane (C22)	14.049	2752104	15.961 ug/ml
14) T n-Tetracosane (C24)	15.140	3516713	20.144 ug/ml
15) T n-Hexacosane (C26)	16.174	1117066	6.414 ug/ml
16) T n-Octacosane (C28)	17.132	1515645	8.769 ug/ml
17) T n-Tricontane (C30)	18.019	985143	5.631 ug/ml
18) T n-Dotriacontane (C32)	18.855	1169908	6.413 ug/ml
19) T n-Tetratriacontane (C34)	19.652	802013	4.833 ug/ml
20) T n-Hexatriacontane (C36)	20.393	730238	4.600 ug/ml
21) T n-Octatriacontane (C38)	21.125	226607	1.445 ug/ml
22) T n-Tetracontane (C40)	22.035	226893	1.597 ug/ml

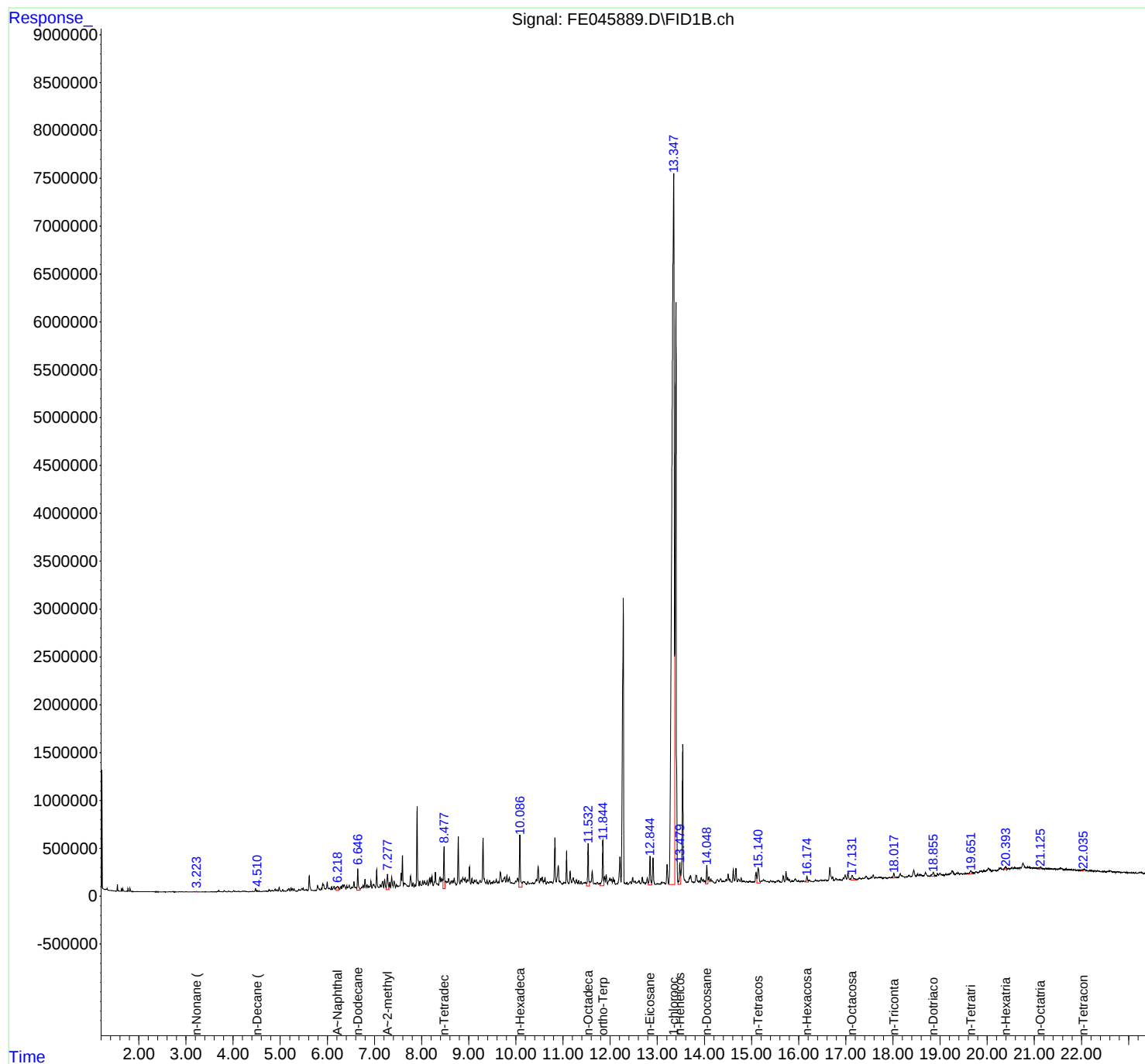
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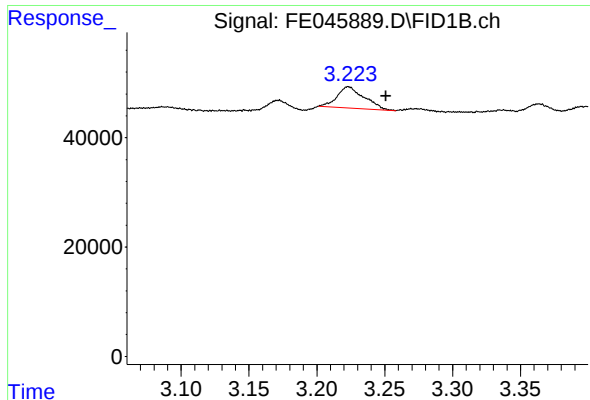
(m)=manual int.

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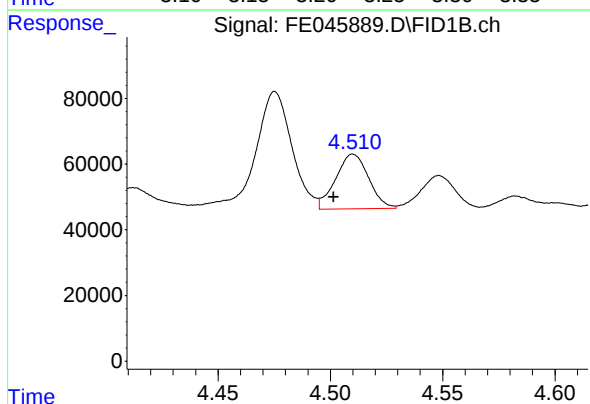
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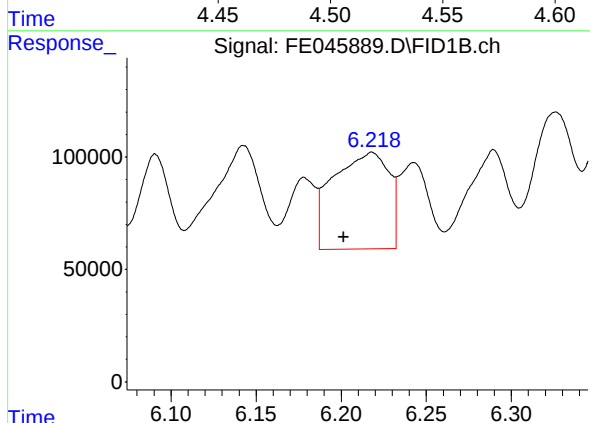
#1 n-Nonane (C9)

R.T.: 3.223 min
Delta R.T.: -0.028 min
Response: 53521
Conc: 0.34 ug/ml



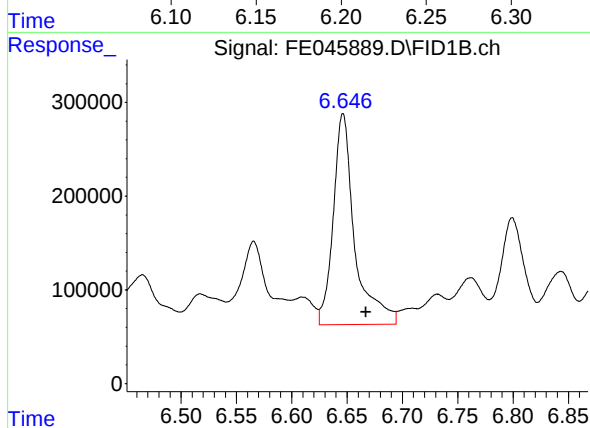
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.009 min
Response: 170585
Conc: 1.07 ug/ml



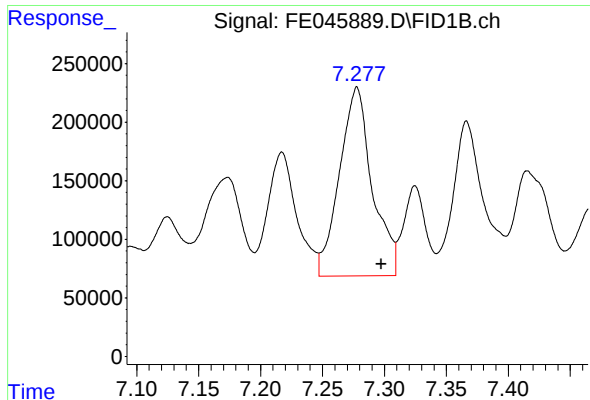
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.017 min
Response: 978864
Conc: 5.62 ug/ml



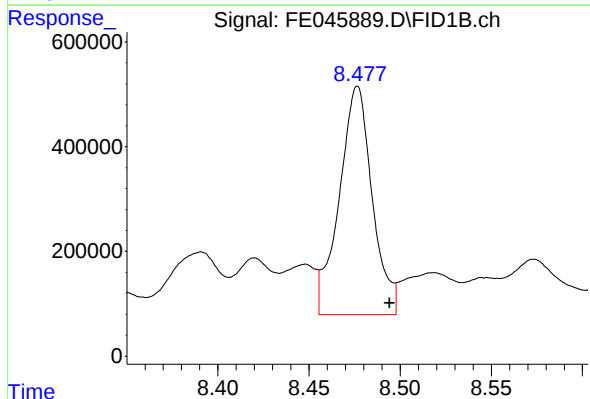
#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.021 min
Response: 3033435
Conc: 18.78 ug/ml



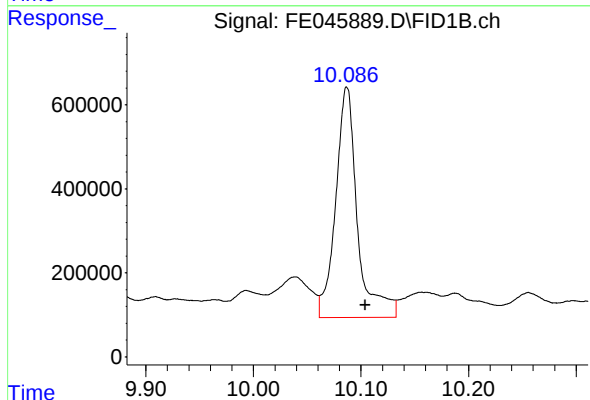
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: -0.020 min
Response: 2970796
Conc: 17.49 ug/ml



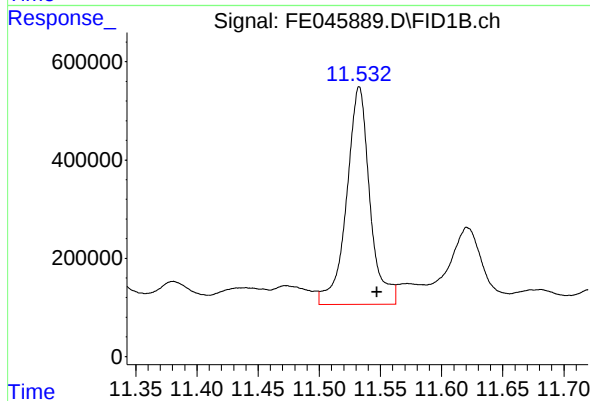
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.018 min
Response: 5494068
Conc: 34.25 ug/ml



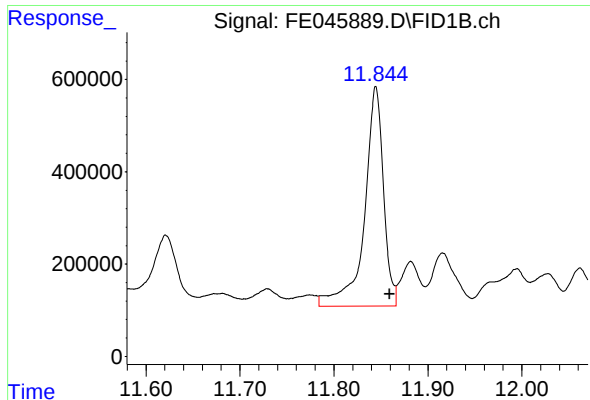
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.017 min
Response: 7724858
Conc: 46.65 ug/ml



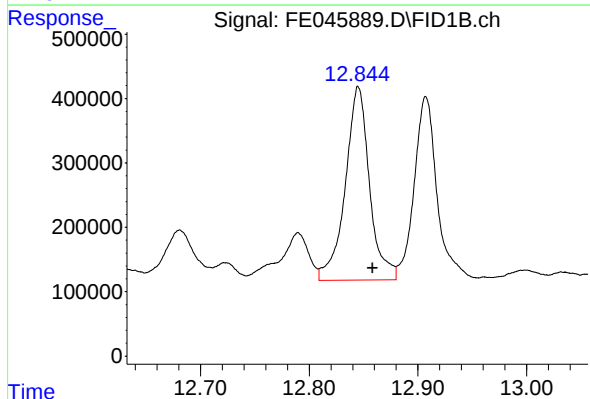
#8 n-Octadecane (C18)

R.T.: 11.533 min
Delta R.T.: -0.015 min
Response: 5869100
Conc: 34.23 ug/ml



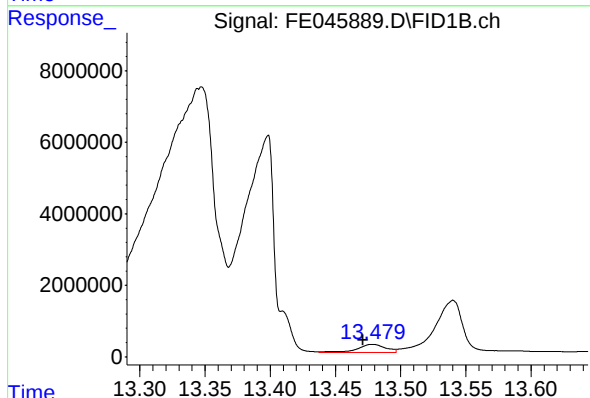
#9 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: -0.014 min
Response: 6692524
Conc: 32.00 ug/ml



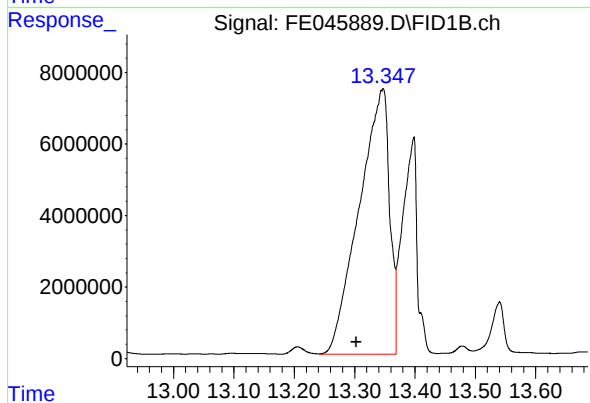
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.013 min
Response: 4659194
Conc: 26.93 ug/ml



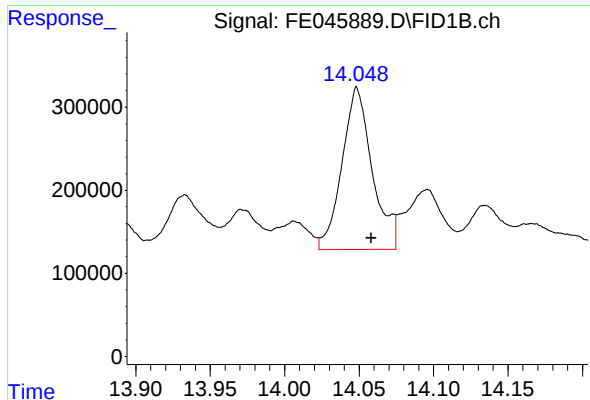
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.007 min
Response: 3465508
Conc: 20.14 ug/ml



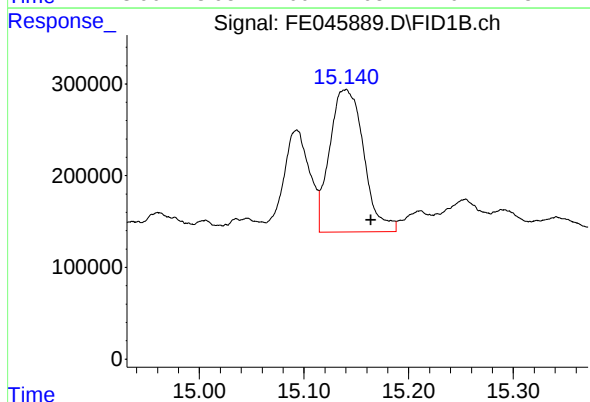
#12 1-chlorooctadecane (SURR)

R.T.: 13.347 min
Delta R.T.: 0.044 min
Response: 259159966
Conc: 1647.07 ug/ml



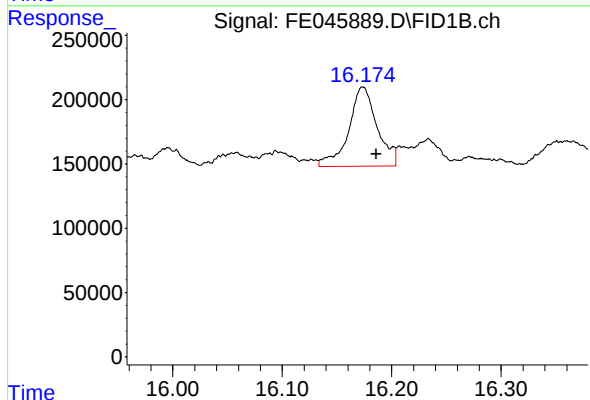
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.010 min
Response: 2752104
Conc: 15.96 ug/ml



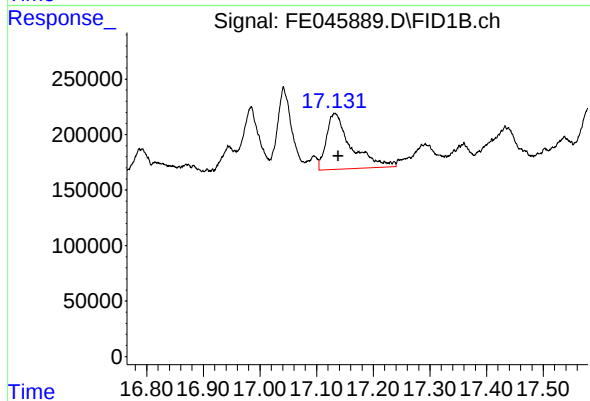
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.024 min
Response: 3516713
Conc: 20.14 ug/ml



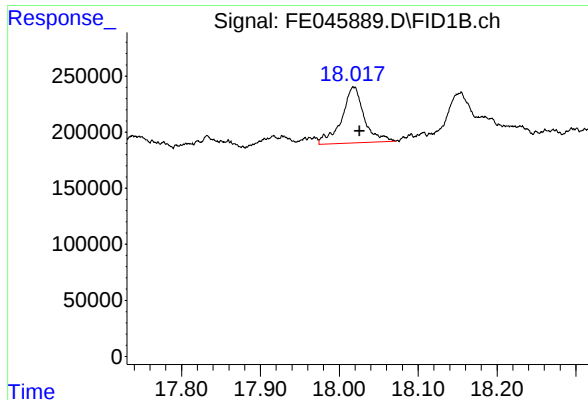
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.012 min
Response: 1117066
Conc: 6.41 ug/ml



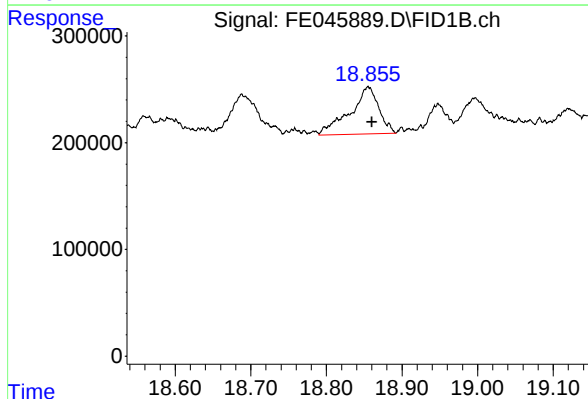
#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.006 min
Response: 1515645
Conc: 8.77 ug/ml



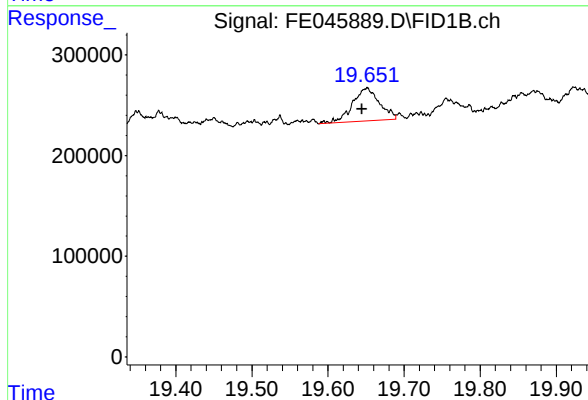
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.008 min
Response: 985143
Conc: 5.63 ug/ml



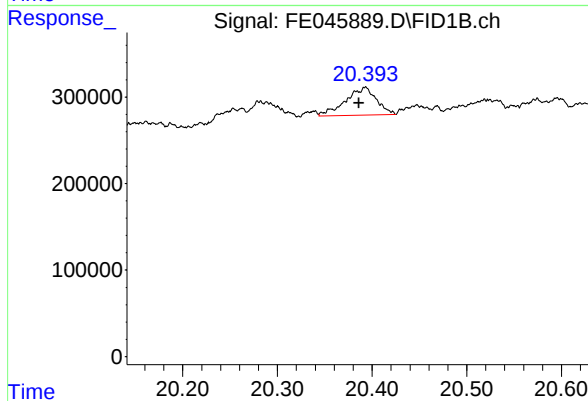
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.005 min
Response: 1169908
Conc: 6.41 ug/ml



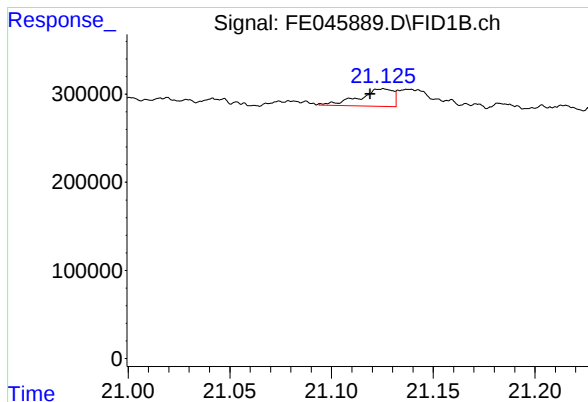
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: 0.007 min
Response: 802013
Conc: 4.83 ug/ml



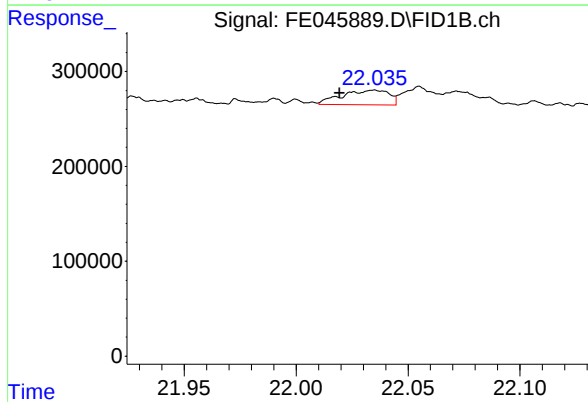
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.007 min
Response: 730238
Conc: 4.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.006 min
Response: 226607
Conc: 1.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: 0.015 min
Response: 226893
Conc: 1.60 ug/ml