

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032224AL\
 Data File : FE047267.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2024 09:32
 Operator : YP\AJ
 Sample : P1816-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 11:17:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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)	11.982	855626	5.186 ug/ml
Spiked Amount 50.000		Recovery =	10.37%
12) S 1-chlorooctadecane (S...	13.402	2746564	21.542 ug/ml
Spiked Amount 50.000		Recovery =	43.08%
Target Compounds			
2) T n-Decane (C10)	4.619	35267	0.230 ug/ml
3) T A~Naphthalene (C11.7)	6.330	60908	0.382 ug/ml
4) T n-Dodecane (C12)	6.783	249109	1.619 ug/ml
5) T A~2-methylnaphthalene...	7.424	152163	0.991 ug/ml
6) T n-Tetradecane (C14)	8.611	413416	2.713 ug/ml
7) T n-Hexadecane (C16)	10.218	445823	2.832 ug/ml
8) T n-Octadecane (C18)	11.661	378353	2.376 ug/ml
10) T n-Eicosane (C20)	12.971	274012	1.783 ug/ml
11) T n-Heneicosane (C21)	13.592	415752	2.748 ug/ml
13) T n-Docosane (C22)	14.168	175944	1.169 ug/ml
14) T n-Tetracosane (C24)	15.268	227116	1.521 ug/ml
15) T n-Hexacosane (C26)	16.290	171252	1.176 ug/ml
16) T n-Octacosane (C28)	17.239	198442	1.406 ug/ml
17) T n-Tricontane (C30)	18.125	258637	1.830 ug/ml
18) T n-Dotriacontane (C32)	18.956	234985	1.704 ug/ml
19) T n-Tetratriacontane (C34)	19.739	135687	1.039 ug/ml
20) T n-Hexatriacontane (C36)	20.478	92464	0.742 ug/ml
21) T n-Octatriacontane (C38)	21.183	252236	2.031 ug/ml
22) T n-Tetracontane (C40)	22.151	86442	0.735 ug/ml

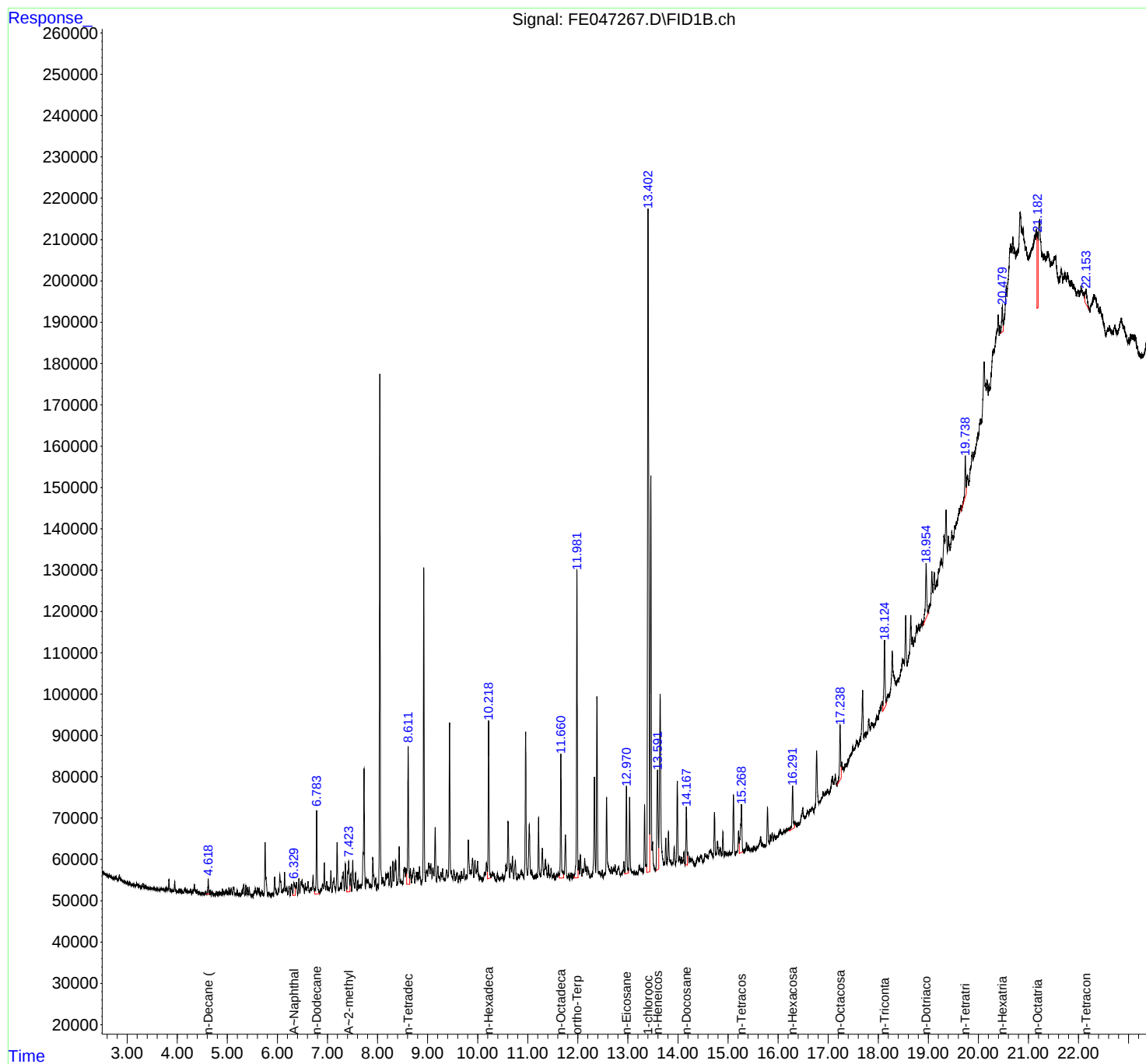
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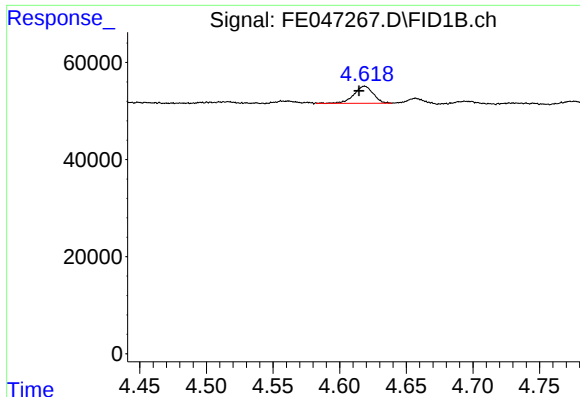
(m)=manual int.

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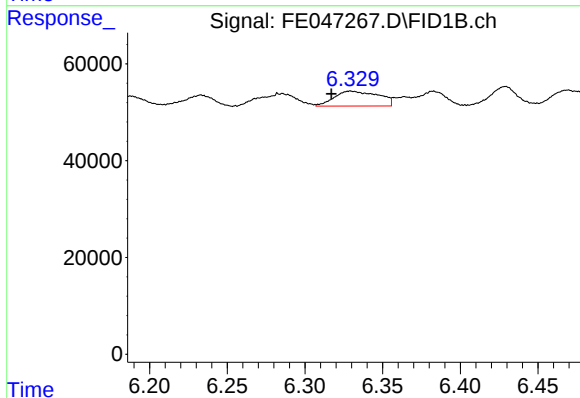
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





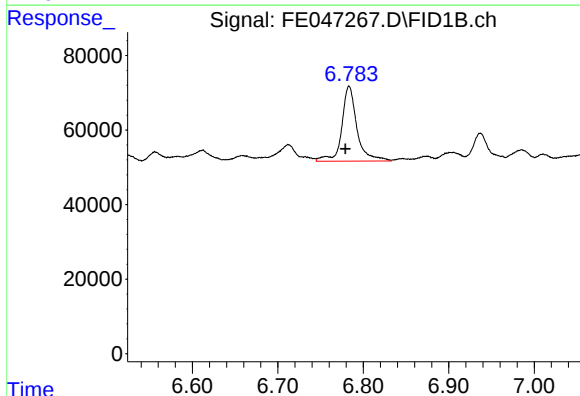
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.004 min
Response: 35267
Conc: 0.23 ug/ml



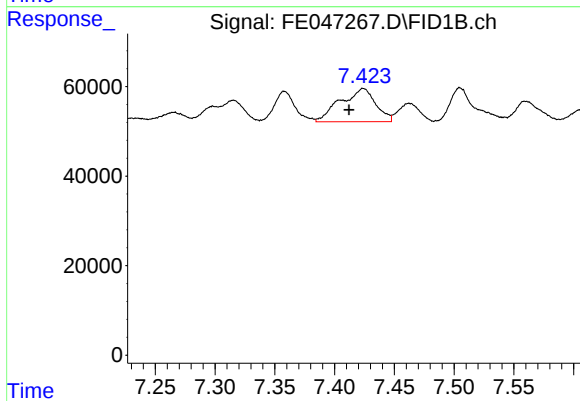
#3 A~Naphthalene (C11.7)

R.T.: 6.330 min
Delta R.T.: 0.012 min
Response: 60908
Conc: 0.38 ug/ml



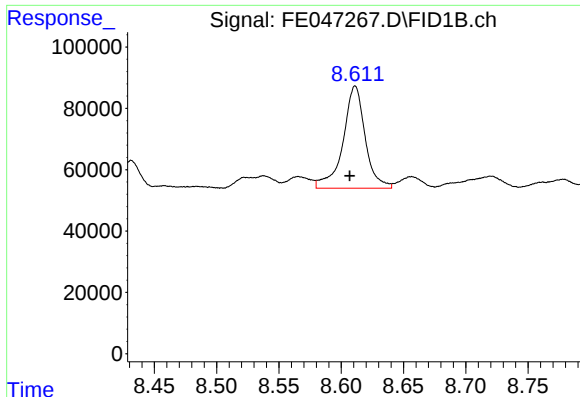
#4 n-Dodecane (C12)

R.T.: 6.783 min
Delta R.T.: 0.005 min
Response: 249109
Conc: 1.62 ug/ml



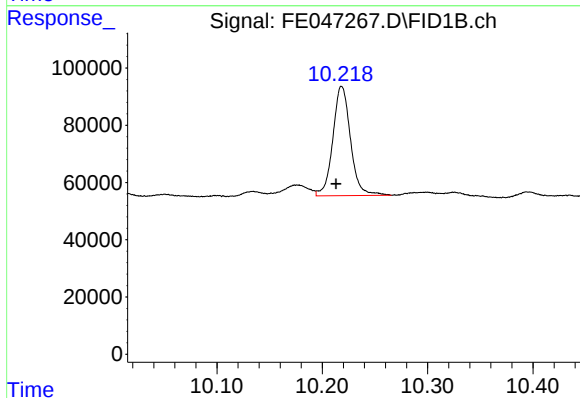
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.424 min
Delta R.T.: 0.012 min
Response: 152163
Conc: 0.99 ug/ml



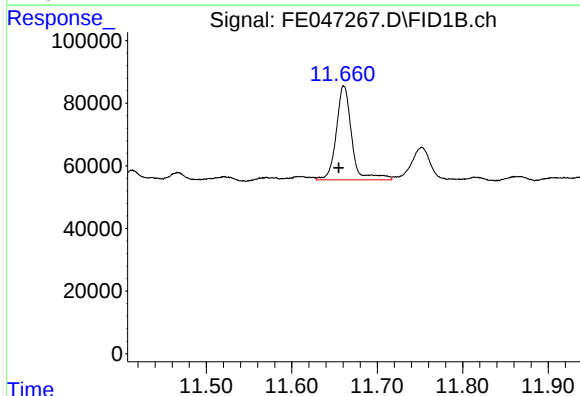
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.004 min
Response: 413416
Conc: 2.71 ug/ml



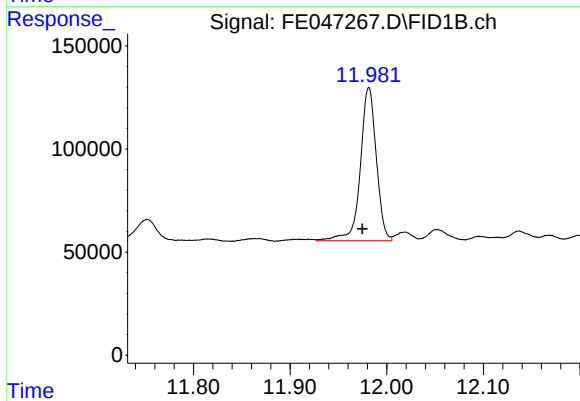
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.005 min
Response: 445823
Conc: 2.83 ug/ml



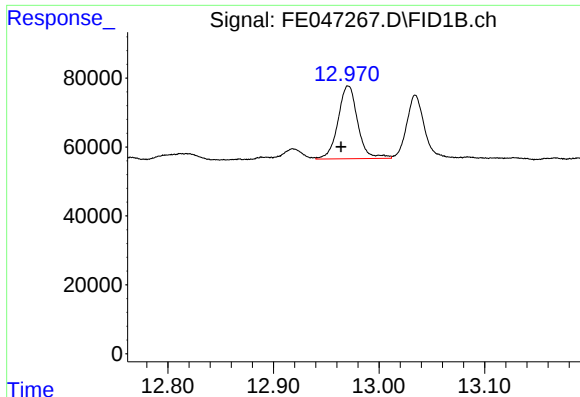
#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.006 min
Response: 378353
Conc: 2.38 ug/ml



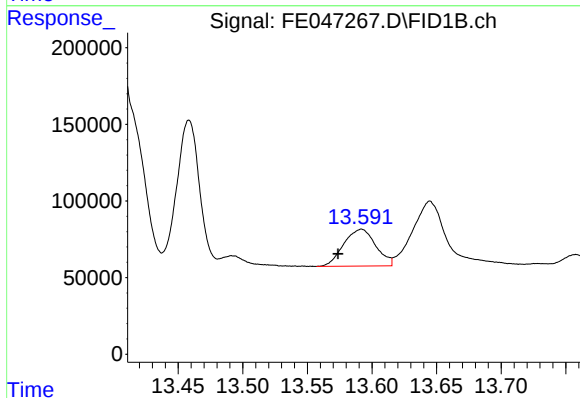
#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.007 min
Response: 855626
Conc: 5.19 ug/ml



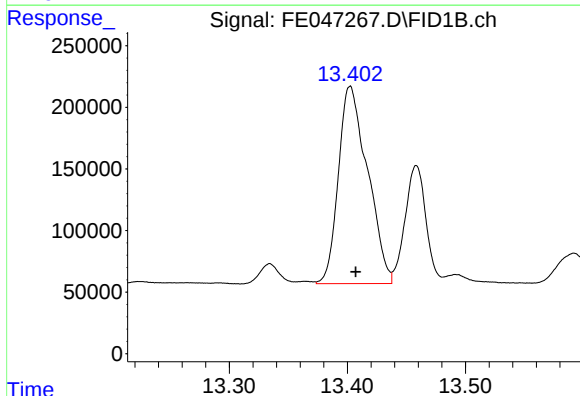
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.007 min
Response: 274012
Conc: 1.78 ug/ml



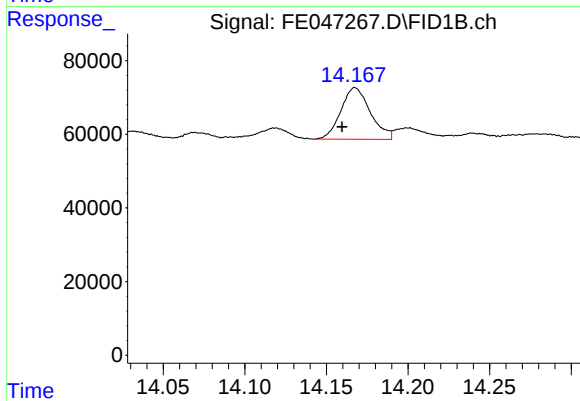
#11 n-Heneicosane (C21)

R.T.: 13.592 min
Delta R.T.: 0.018 min
Response: 415752
Conc: 2.75 ug/ml



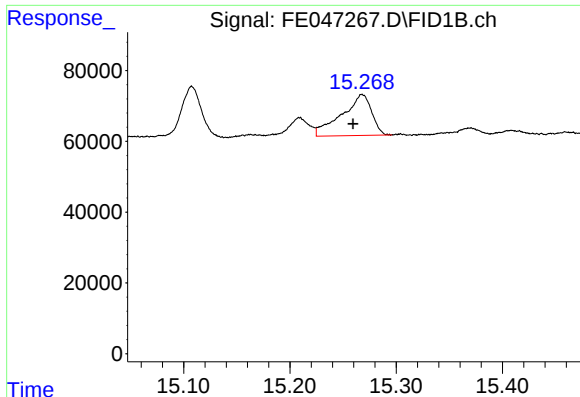
#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.005 min
Response: 2746564
Conc: 21.54 ug/ml



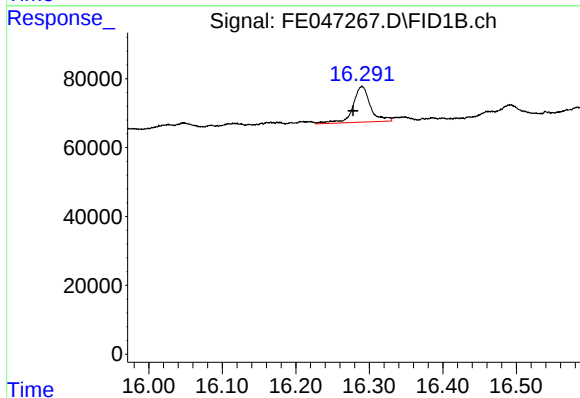
#13 n-Docosane (C22)

R.T.: 14.168 min
Delta R.T.: 0.008 min
Response: 175944
Conc: 1.17 ug/ml



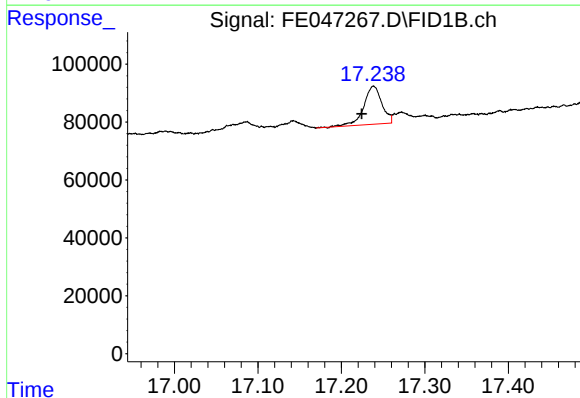
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.008 min
Response: 227116
Conc: 1.52 ug/ml



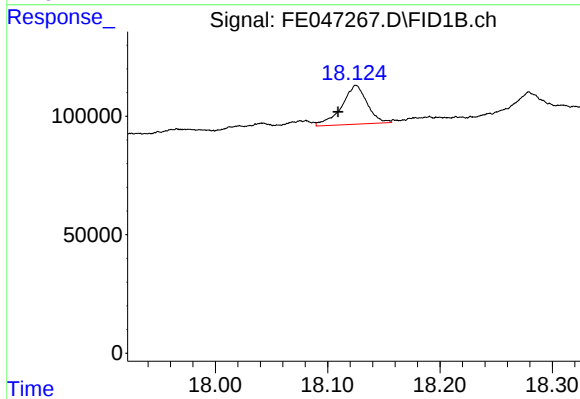
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.012 min
Response: 171252
Conc: 1.18 ug/ml



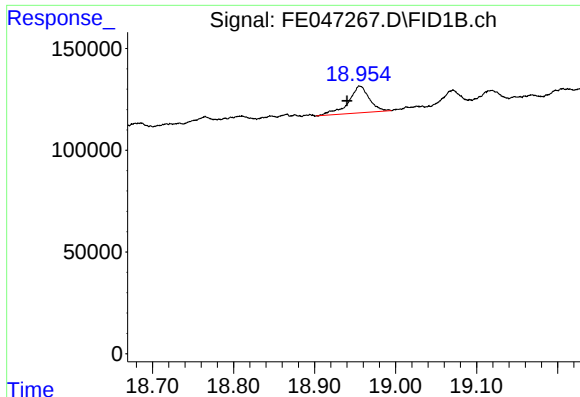
#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.014 min
Response: 198442
Conc: 1.41 ug/ml



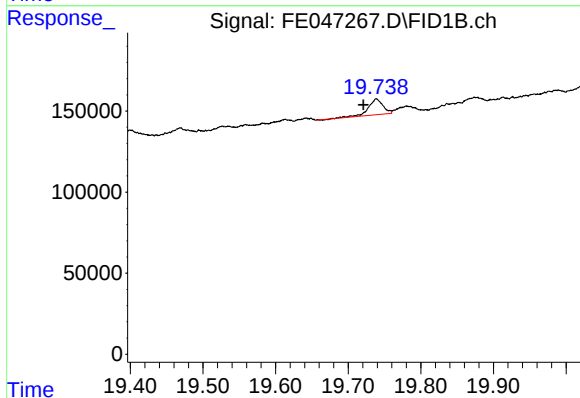
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.016 min
Response: 258637
Conc: 1.83 ug/ml



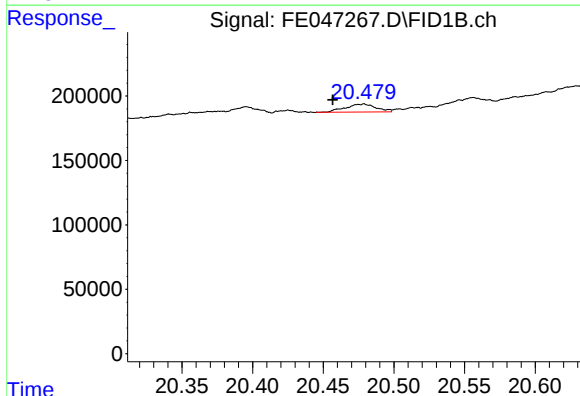
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.016 min
Response: 234985
Conc: 1.70 ug/ml



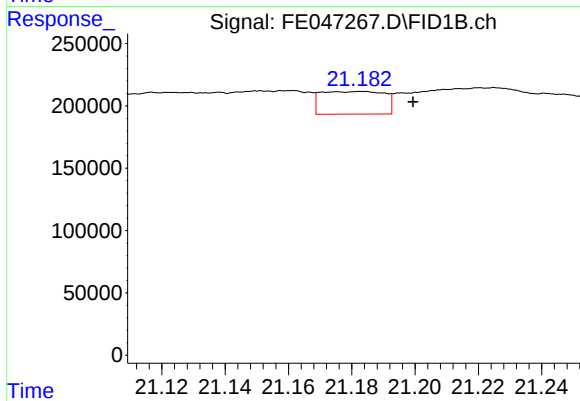
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.018 min
Response: 135687
Conc: 1.04 ug/ml



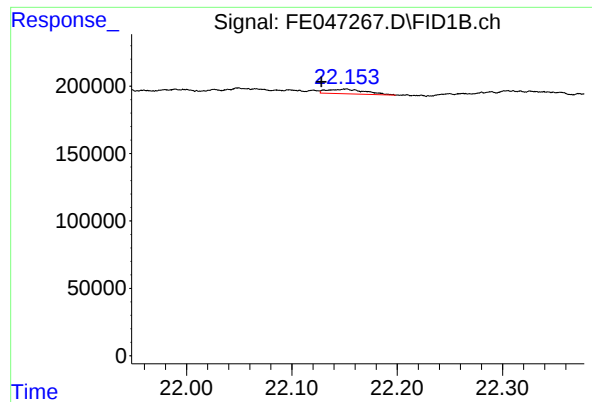
#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: 0.022 min
Response: 92464
Conc: 0.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.016 min
Response: 252236
Conc: 2.03 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 22.151 min
Delta R.T.: 0.023 min
Response: 86442
Conc: 0.73 ug/ml