

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032024AL\
 Data File : FE047229.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2024 17:09
 Operator : YP\AJ
 Sample : P1804-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 02:59:05 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	4573349	27.719 ug/ml
Spiked Amount 50.000		Recovery =	55.44%
12) S 1-chlorooctadecane (S...	13.407	11402839	89.434 ug/ml
Spiked Amount 50.000		Recovery =	178.87%
Target Compounds			
1) T n-Nonane (C9)	3.362	45704	0.304 ug/ml
2) T n-Decane (C10)	4.615	121358	0.792 ug/ml
3) T A~Naphthalene (C11.7)	6.322	81806	0.513 ug/ml
4) T n-Dodecane (C12)	6.781	242592	1.577 ug/ml
5) T A~2-methylnaphthalene...	7.419	142430	0.928 ug/ml
6) T n-Tetradecane (C14)	8.608	301737	1.980 ug/ml
7) T n-Hexadecane (C16)	10.216	291057	1.849 ug/ml
8) T n-Octadecane (C18)	11.657	249599	1.567 ug/ml
10) T n-Eicosane (C20)	12.969	363376	2.364 ug/ml
11) T n-Heneicosane (C21)	13.593	582987	3.853 ug/ml
13) T n-Docosane (C22)	14.171	420493	2.795 ug/ml
14) T n-Tetracosane (C24)	15.266	155664	1.042 ug/ml
15) T n-Hexacosane (C26)	16.290	326537	2.242 ug/ml
16) T n-Octacosane (C28)	17.242	352066	2.495 ug/ml
17) T n-Tricontane (C30)	18.125	492817	3.486 ug/ml
18) T n-Dotriacontane (C32)	18.956	406984	2.951 ug/ml
19) T n-Tetratriacontane (C34)	19.739	210051	1.609 ug/ml
20) T n-Hexatriacontane (C36)	20.478	276212	2.217 ug/ml
21) T n-Octatriacontane (C38)	21.188	179700	1.447 ug/ml
22) T n-Tetracontane (C40)	22.166	167180	1.421 ug/ml

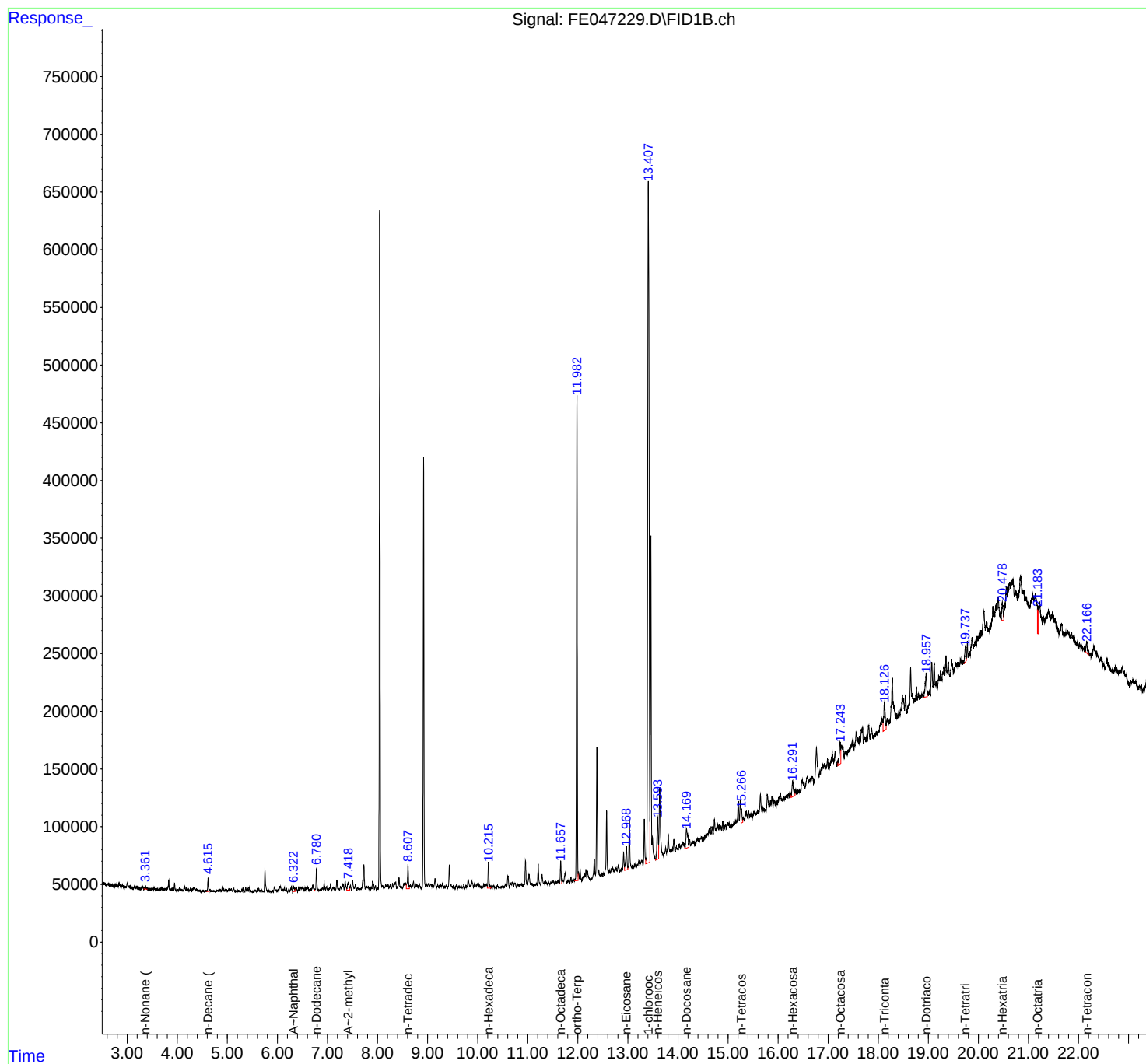
(f)=RT Delta > 1/2 Window

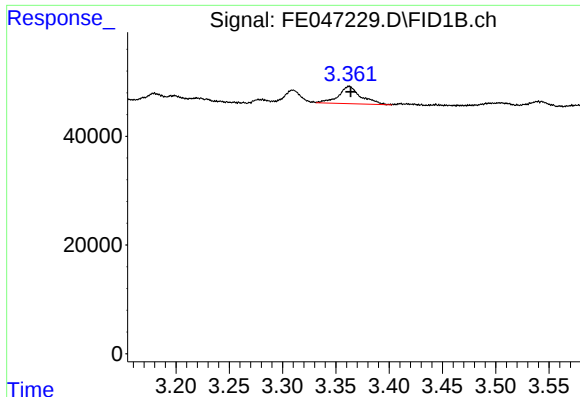
(m)=manual int.

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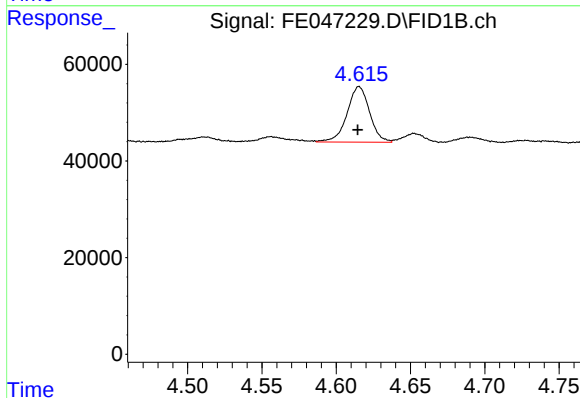
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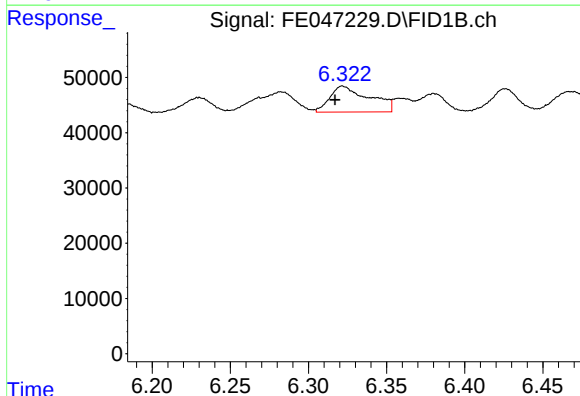
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.002 min
Response: 45704
Conc: 0.30 ug/ml



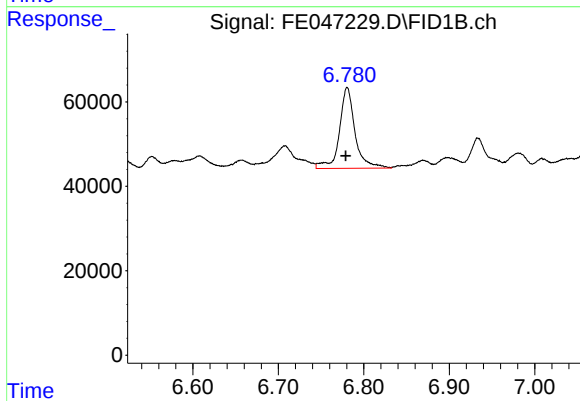
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 121358
Conc: 0.79 ug/ml



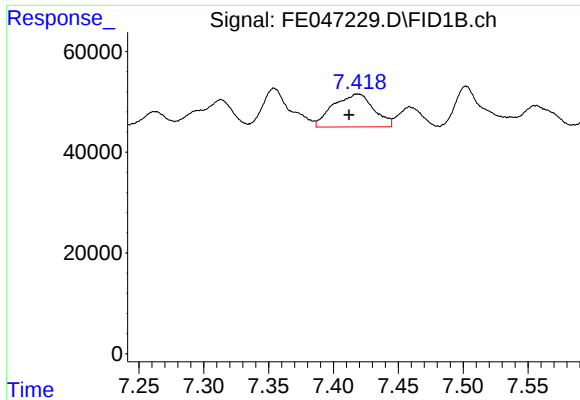
#3 A~Naphthalene (C11.7)

R.T.: 6.322 min
Delta R.T.: 0.005 min
Response: 81806
Conc: 0.51 ug/ml



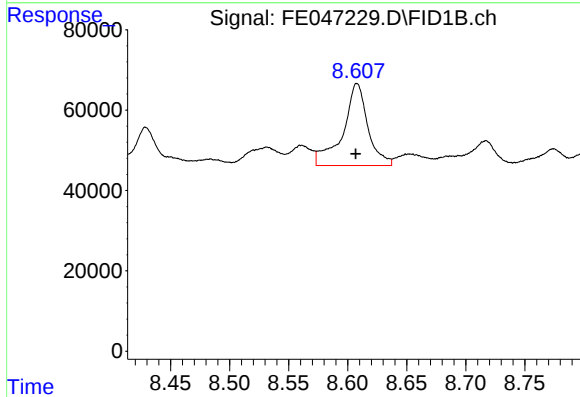
#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 242592
Conc: 1.58 ug/ml



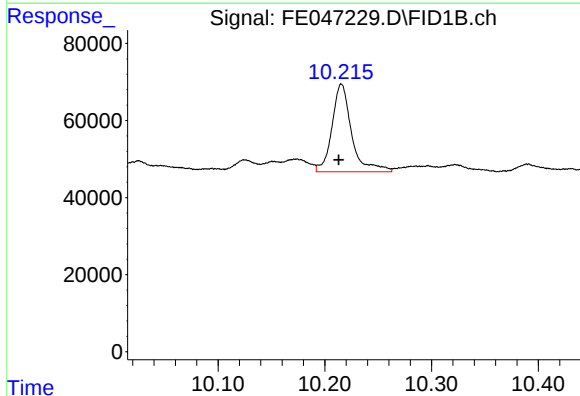
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.419 min
Delta R.T.: 0.007 min
Response: 142430
Conc: 0.93 ug/ml



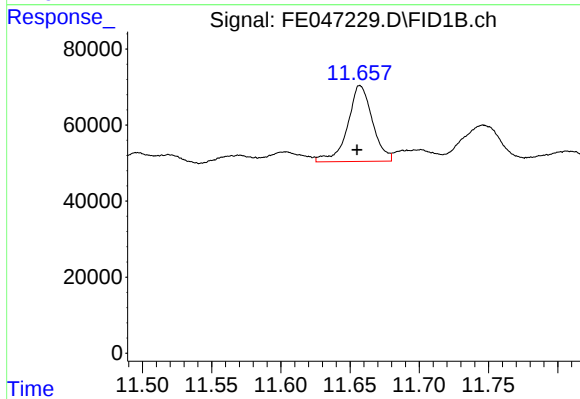
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.001 min
Response: 301737
Conc: 1.98 ug/ml



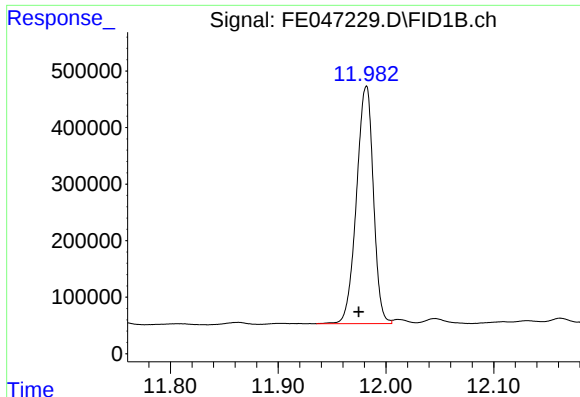
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: 0.003 min
Response: 291057
Conc: 1.85 ug/ml



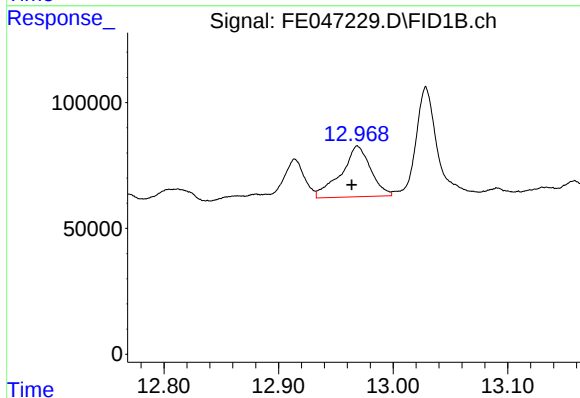
#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: 0.002 min
Response: 249599
Conc: 1.57 ug/ml



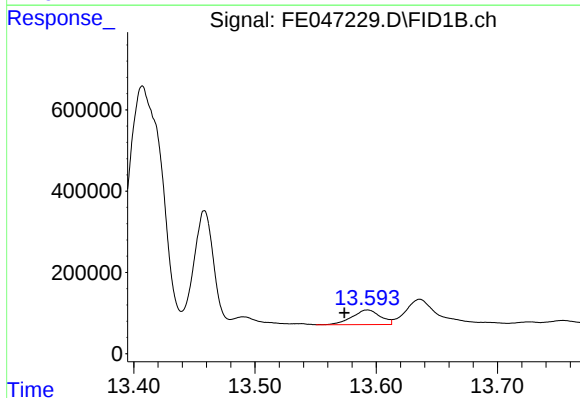
#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.007 min
Response: 4573349
Conc: 27.72 ug/ml



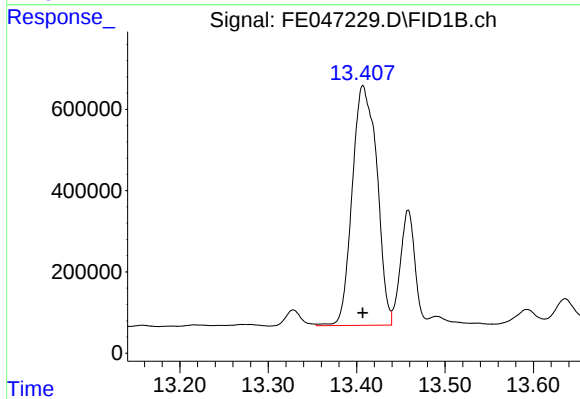
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.005 min
Response: 363376
Conc: 2.36 ug/ml



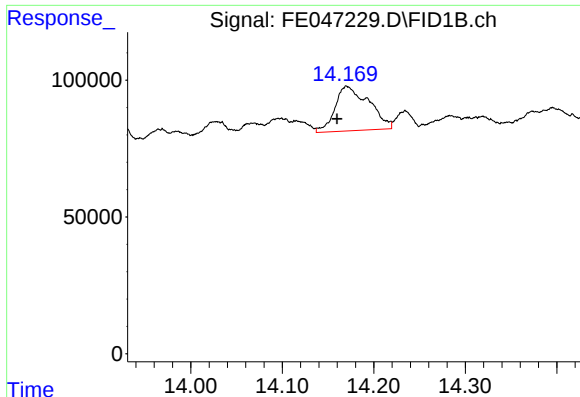
#11 n-Heneicosane (C21)

R.T.: 13.593 min
Delta R.T.: 0.019 min
Response: 582987
Conc: 3.85 ug/ml



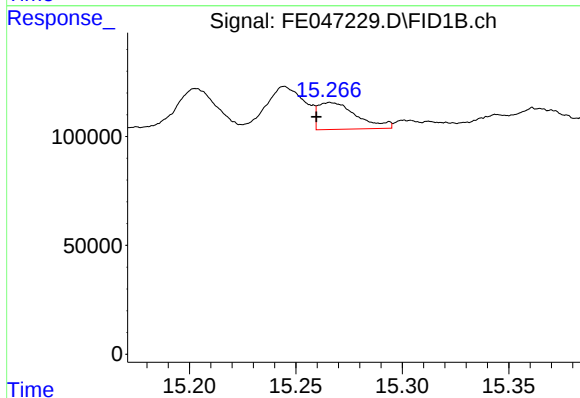
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.000 min
Response: 11402839
Conc: 89.43 ug/ml



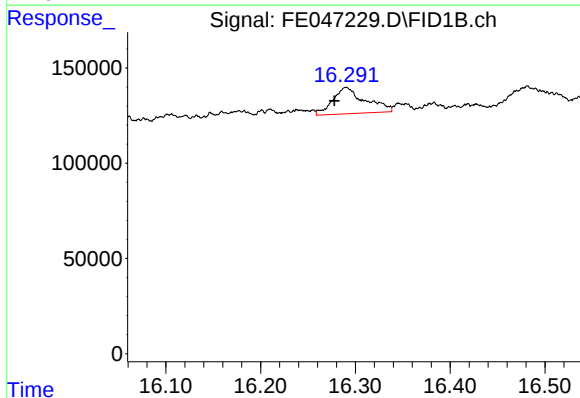
#13 n-Docosane (C22)

R.T.: 14.171 min
Delta R.T.: 0.011 min
Response: 420493
Conc: 2.79 ug/ml



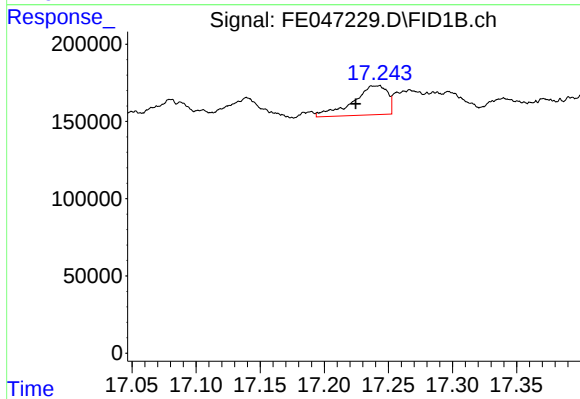
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: 0.007 min
Response: 155664
Conc: 1.04 ug/ml



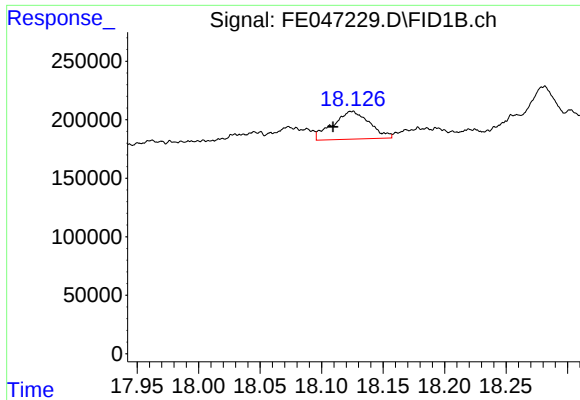
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.012 min
Response: 326537
Conc: 2.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.242 min
Delta R.T.: 0.017 min
Response: 352066
Conc: 2.50 ug/ml



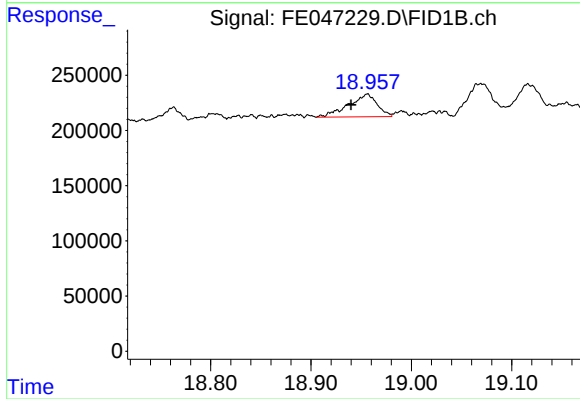
#17 n-Tricontane (C30)

R.T.: 18.125 min

Delta R.T.: 0.015 min

Response: 492817

Conc: 3.49 ug/ml



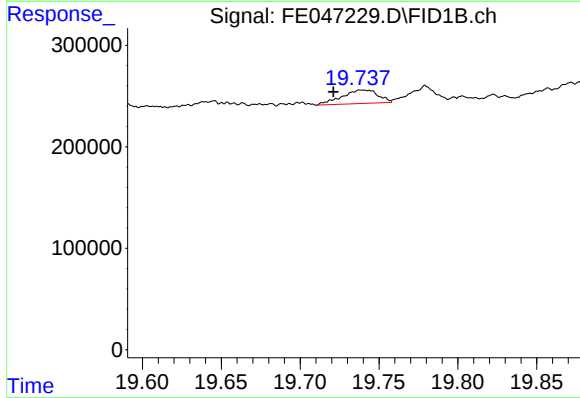
#18 n-Dotriacontane (C32)

R.T.: 18.956 min

Delta R.T.: 0.016 min

Response: 406984

Conc: 2.95 ug/ml



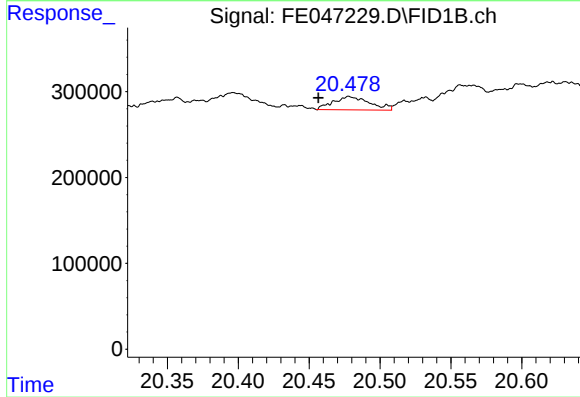
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min

Delta R.T.: 0.018 min

Response: 210051

Conc: 1.61 ug/ml



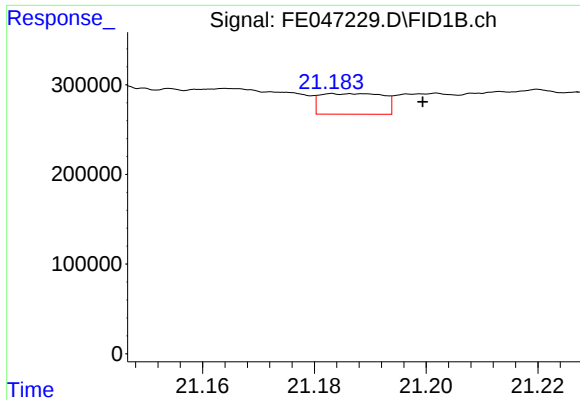
#20 n-Hexatriacontane (C36)

R.T.: 20.478 min

Delta R.T.: 0.022 min

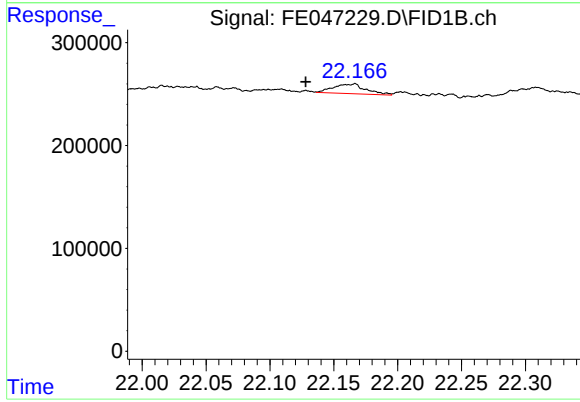
Response: 276212

Conc: 2.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.011 min
Response: 179700
Conc: 1.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.166 min
Delta R.T.: 0.038 min
Response: 167180
Conc: 1.42 ug/ml