

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032124AL\
 Data File : FE047259.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2024 20:09
 Operator : YP\AJ
 Sample : P1816-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 01:24:39 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)	11.987	5312143	32.196 ug/ml
Spiked Amount 50.000		Recovery =	64.39%
12) S 1-chlorooctadecane (S...	13.411	10750911	84.321 ug/ml
Spiked Amount 50.000		Recovery =	168.64%
Target Compounds			
2) T n-Decane (C10)	4.618	81139	0.529 ug/ml
3) T A~Naphthalene (C11.7)	6.326	183408	1.150 ug/ml
4) T n-Dodecane (C12)	6.784	328548	2.135 ug/ml
5) T A~2-methylnaphthalene...	7.423	300161	1.956 ug/ml
6) T n-Tetradecane (C14)	8.612	1042412	6.842 ug/ml
7) T n-Hexadecane (C16)	10.220	2057378	13.070 ug/ml
8) T n-Octadecane (C18)	11.664	2025096	12.716 ug/ml
10) T n-Eicosane (C20)	12.974	1642806	10.688 ug/ml
11) T n-Heneicosane (C21)	13.587	1182840	7.817 ug/ml
13) T n-Docosane (C22)	14.171	975644	6.485 ug/ml
14) T n-Tetracosane (C24)	15.269	972329	6.511 ug/ml
15) T n-Hexacosane (C26)	16.294	519357	3.565 ug/ml
16) T n-Octacosane (C28)	17.245	710286	5.034 ug/ml
17) T n-Tricontane (C30)	18.090	330230	2.336 ug/ml
18) T n-Dotriacontane (C32)	18.915	72087	0.523 ug/ml
19) T n-Tetratriacontane (C34)	19.717	36146	0.277 ug/ml
20) T n-Hexatriacontane (C36)	20.459	32880	0.264 ug/ml
21) T n-Octatriacontane (C38)	21.201	333112	2.683 ug/ml
22) T n-Tetracontane (C40)	22.143	22403	0.190 ug/ml

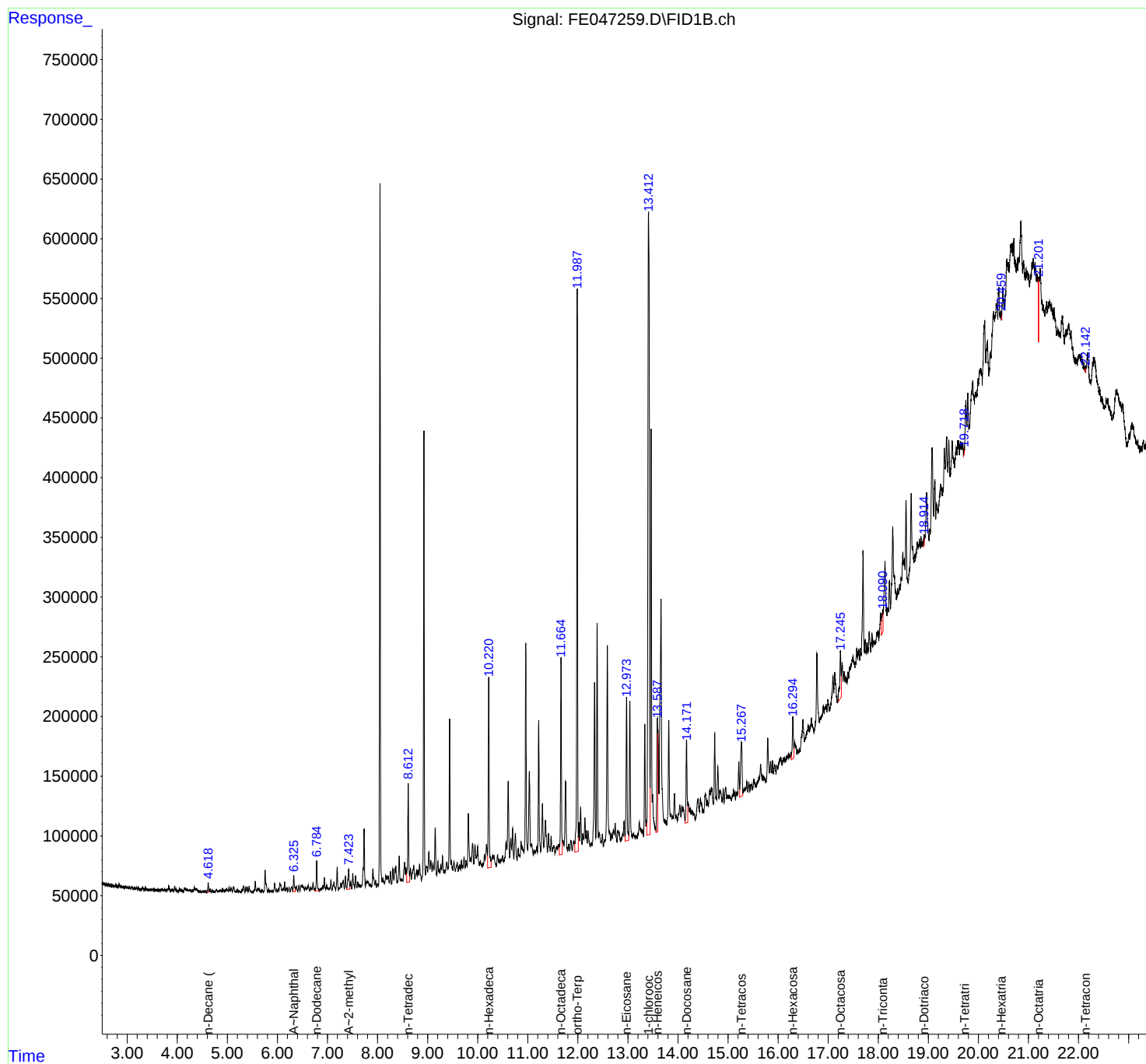
(f)=RT Delta > 1/2 Window

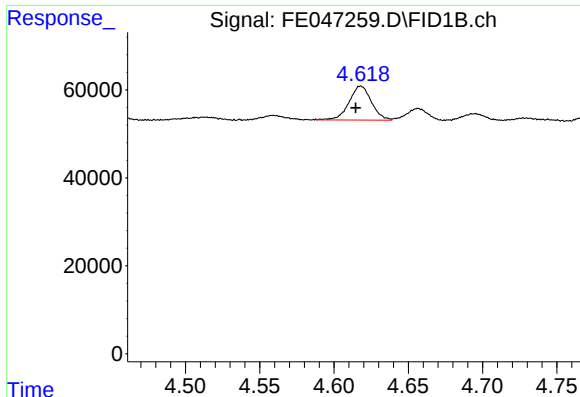
(m)=manual int.

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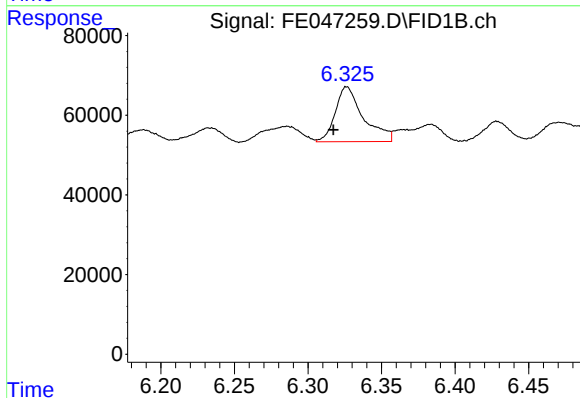
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





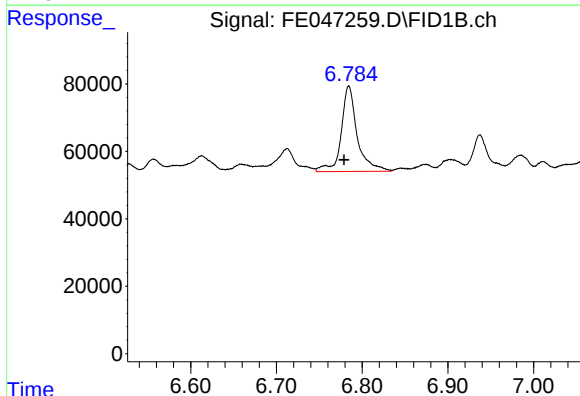
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.004 min
Response: 81139
Conc: 0.53 ug/ml



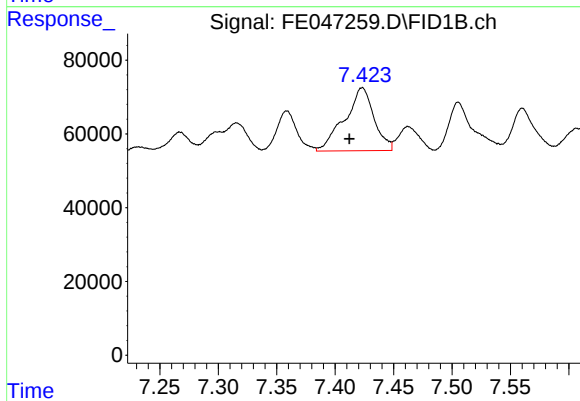
#3 A~Naphthalene (C11.7)

R.T.: 6.326 min
Delta R.T.: 0.009 min
Response: 183408
Conc: 1.15 ug/ml



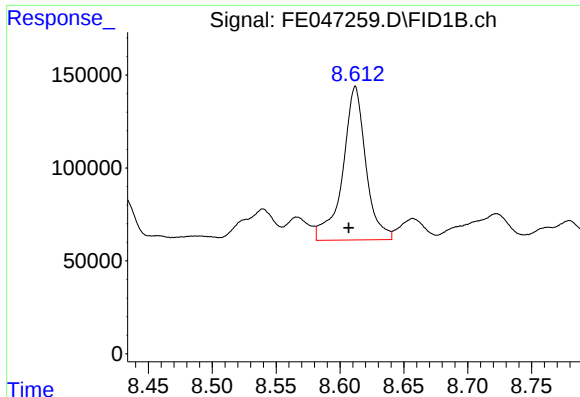
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.006 min
Response: 328548
Conc: 2.14 ug/ml



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

R.T.: 7.423 min
Delta R.T.: 0.011 min
Response: 300161
Conc: 1.96 ug/ml



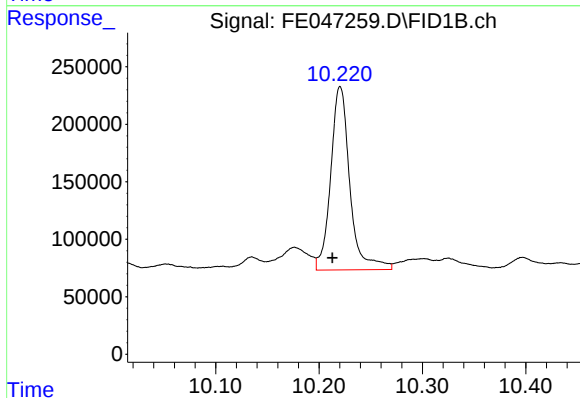
#6 n-Tetradecane (C14)

R.T.: 8.612 min

Delta R.T.: 0.005 min

Response: 1042412

Conc: 6.84 ug/ml



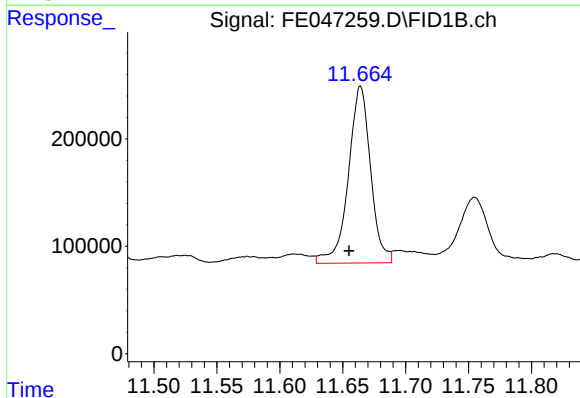
#7 n-Hexadecane (C16)

R.T.: 10.220 min

Delta R.T.: 0.008 min

Response: 2057378

Conc: 13.07 ug/ml



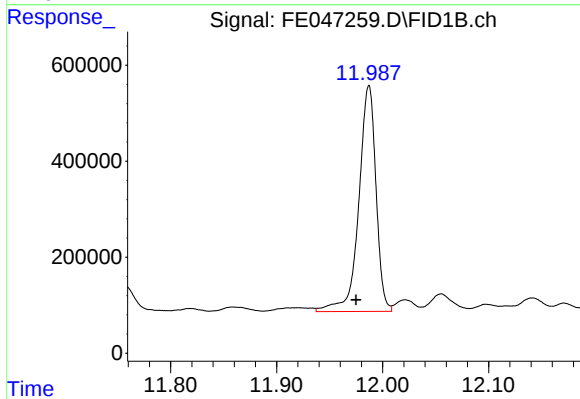
#8 n-Octadecane (C18)

R.T.: 11.664 min

Delta R.T.: 0.009 min

Response: 2025096

Conc: 12.72 ug/ml



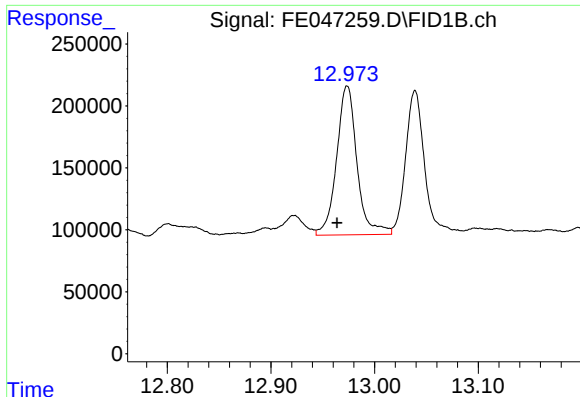
#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min

Delta R.T.: 0.012 min

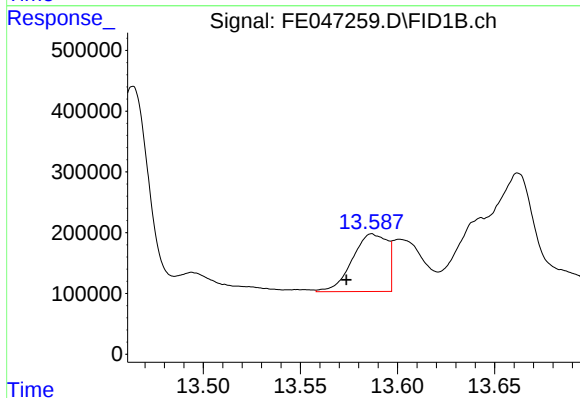
Response: 5312143

Conc: 32.20 ug/ml



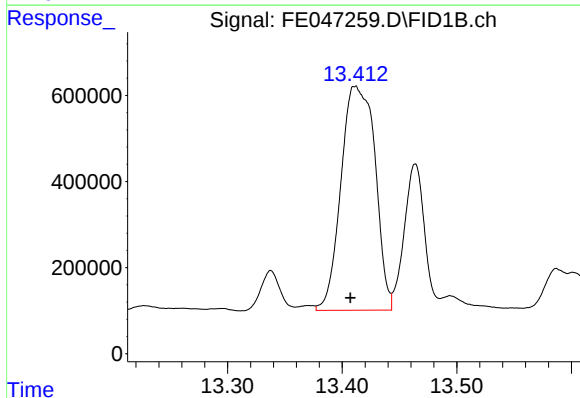
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.010 min
Response: 1642806
Conc: 10.69 ug/ml



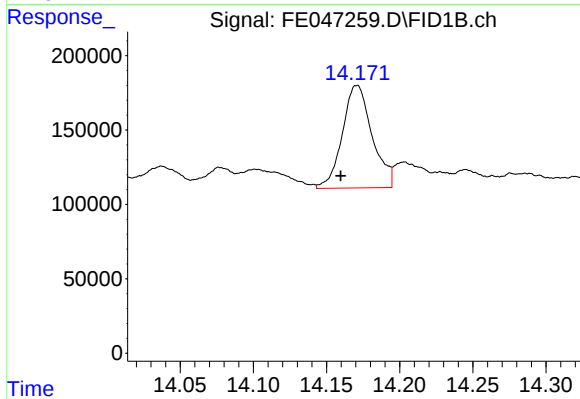
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.013 min
Response: 1182840
Conc: 7.82 ug/ml



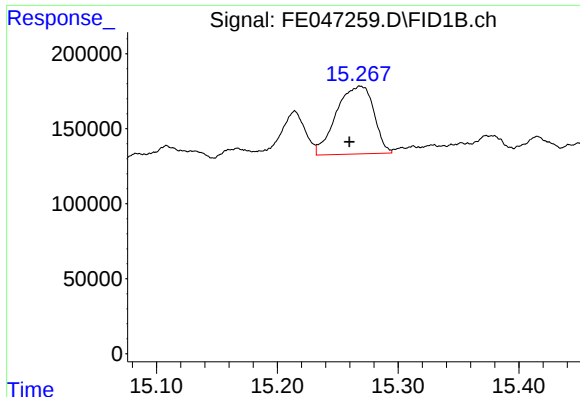
#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.004 min
Response: 10750911
Conc: 84.32 ug/ml



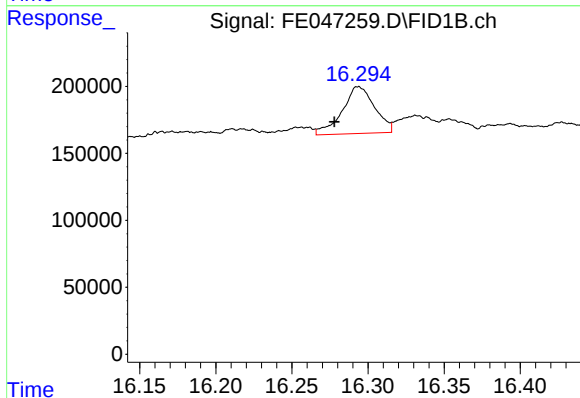
#13 n-Docosane (C22)

R.T.: 14.171 min
Delta R.T.: 0.011 min
Response: 975644
Conc: 6.48 ug/ml



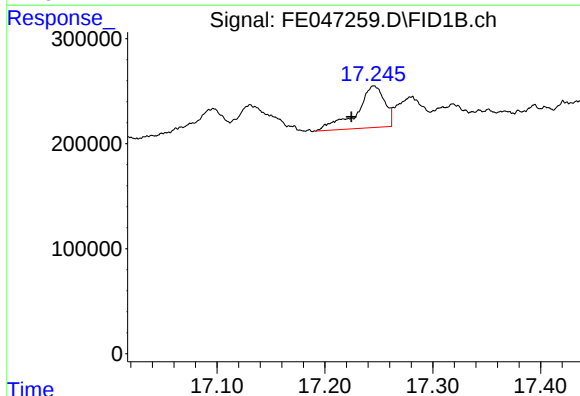
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.009 min
Response: 972329
Conc: 6.51 ug/ml



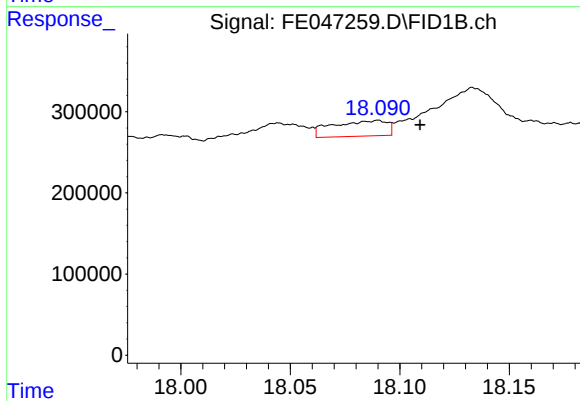
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: 0.016 min
Response: 519357
Conc: 3.57 ug/ml



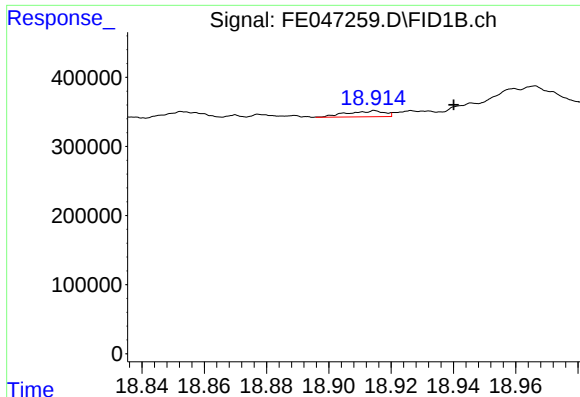
#16 n-Octacosane (C28)

R.T.: 17.245 min
Delta R.T.: 0.021 min
Response: 710286
Conc: 5.03 ug/ml



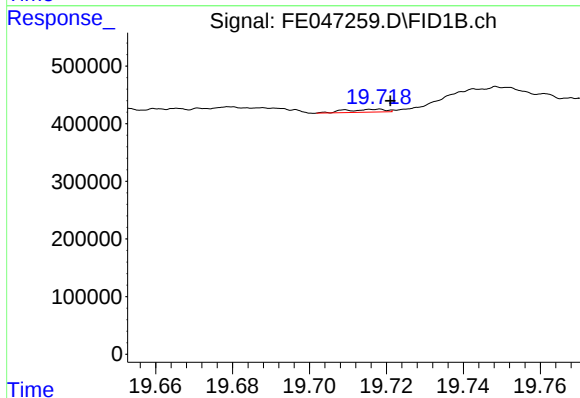
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.019 min
Response: 330230
Conc: 2.34 ug/ml



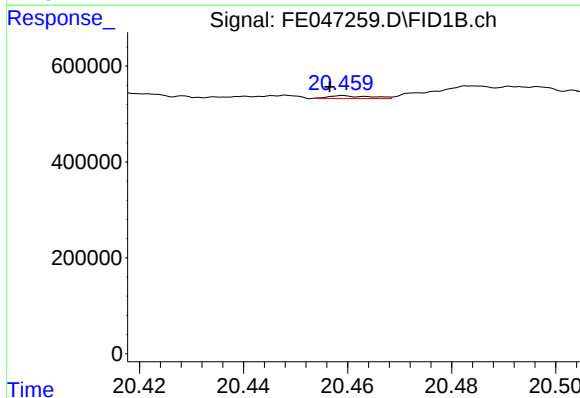
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.025 min
Response: 72087
Conc: 0.52 ug/ml



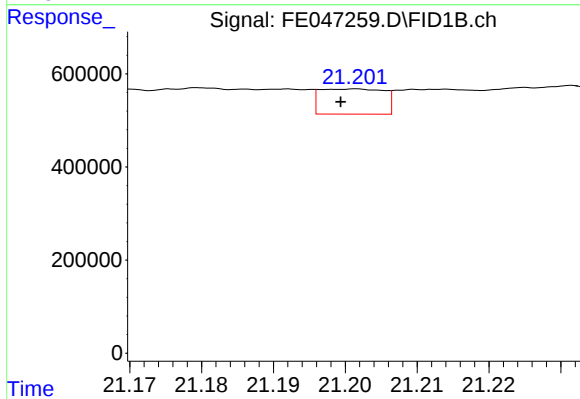
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.004 min
Response: 36146
Conc: 0.28 ug/ml



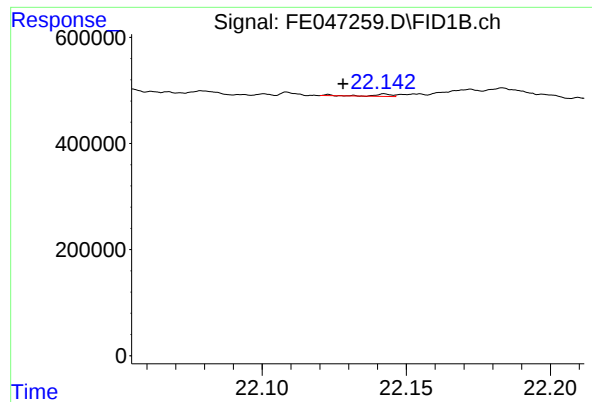
#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: 0.003 min
Response: 32880
Conc: 0.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: 0.002 min
Response: 333112
Conc: 2.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: 0.015 min
Response: 22403
Conc: 0.19 ug/ml