

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022723AL\
 Data File : FD045171.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2023 17:01
 Operator : YP/AJ
 Sample : 01627-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:39:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 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)	11.447	765359	4.968 ug/ml
Spiked Amount 50.000		Recovery =	9.94%
12) S 1-chlorooctadecane (S...	12.884	4725739	40.861 ug/ml
Spiked Amount 50.000		Recovery =	81.72%
Target Compounds			
1) T n-Nonane (C9)	3.265	187372	1.378 ug/ml
2) T n-Decane (C10)	4.323	237086	1.775 ug/ml
4) T n-Dodecane (C12)	6.328	331597	2.452 ug/ml
6) T n-Tetradecane (C14)	8.113	295688	2.177 ug/ml
7) T n-Hexadecane (C16)	9.706	303177	2.178 ug/ml
8) T n-Octadecane (C18)	11.140	364703	2.599 ug/ml
10) T n-Eicosane (C20)	12.441	316670	2.338 ug/ml
11) T n-Heneicosane (C21)	13.050	297849	2.184 ug/ml
13) T n-Docosane (C22)	13.633	318279	2.377 ug/ml
14) T n-Tetracosane (C24)	14.729	309139	2.361 ug/ml
15) T n-Hexacosane (C26)	15.743	293164	2.328 ug/ml
16) T n-Octacosane (C28)	16.686	282131	2.302 ug/ml
17) T n-Tricontane (C30)	17.568	274110	2.315 ug/ml
18) T n-Dotriacontane (C32)	18.394	279617	2.389 ug/ml
19) T n-Tetratriacontane (C34)	19.172	265260	2.307 ug/ml
20) T n-Hexatriacontane (C36)	19.906	239532	2.181 ug/ml
21) T n-Octatriacontane (C38)	20.611	224279	2.081 ug/ml
22) T n-Tetracontane (C40)	21.448	177348	1.654 ug/ml

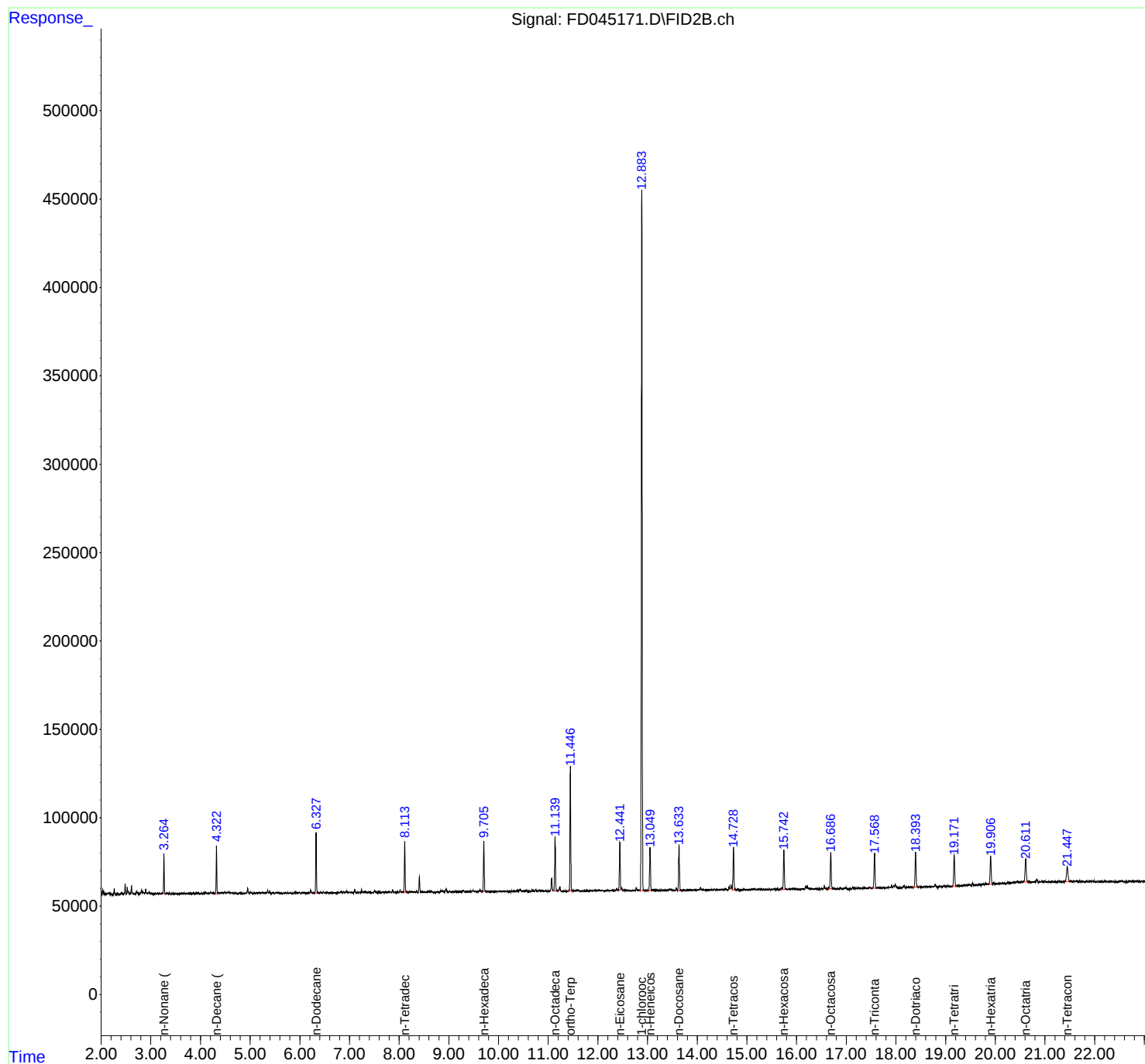
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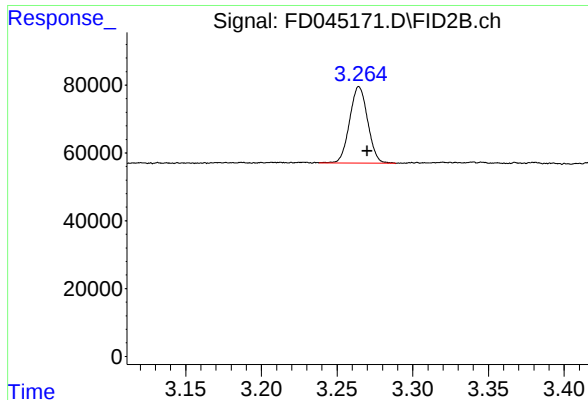
(m)=manual int.

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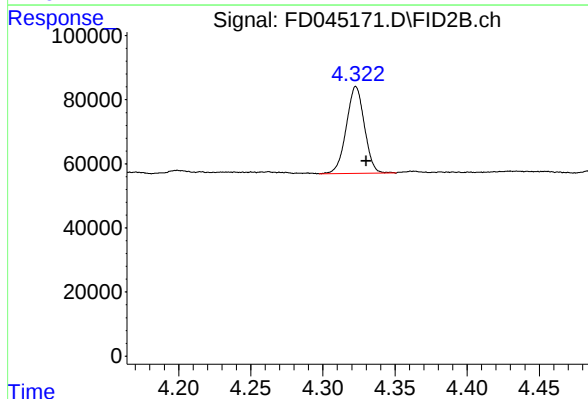
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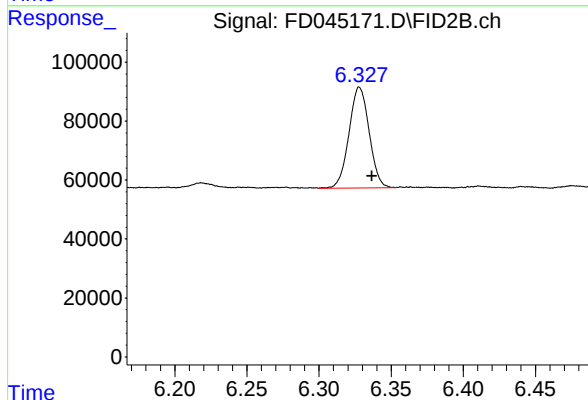
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.005 min
Response: 187372
Conc: 1.38 ug/ml



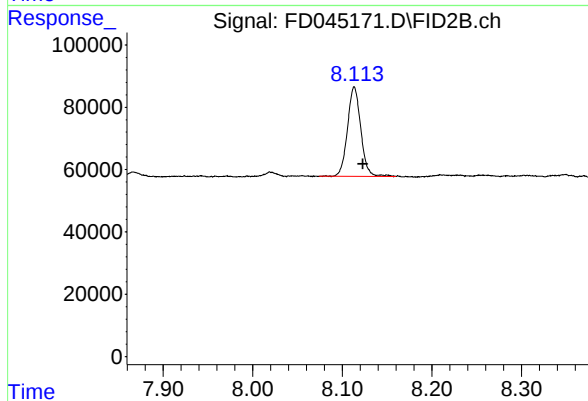
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: -0.007 min
Response: 237086
Conc: 1.77 ug/ml



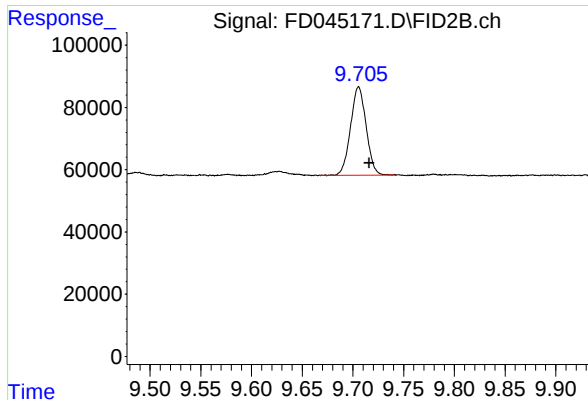
#4 n-Dodecane (C12)

R.T.: 6.328 min
Delta R.T.: -0.009 min
Response: 331597
Conc: 2.45 ug/ml



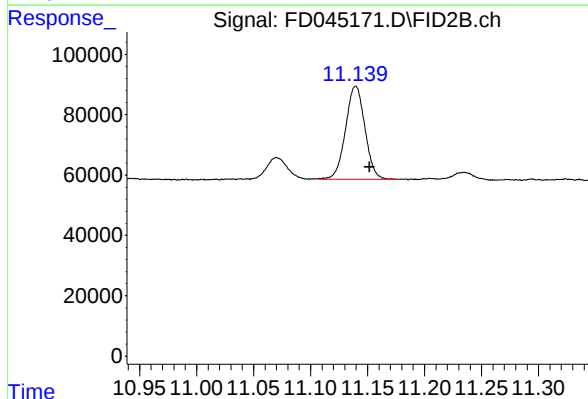
#6 n-Tetradecane (C14)

R.T.: 8.113 min
Delta R.T.: -0.010 min
Response: 295688
Conc: 2.18 ug/ml



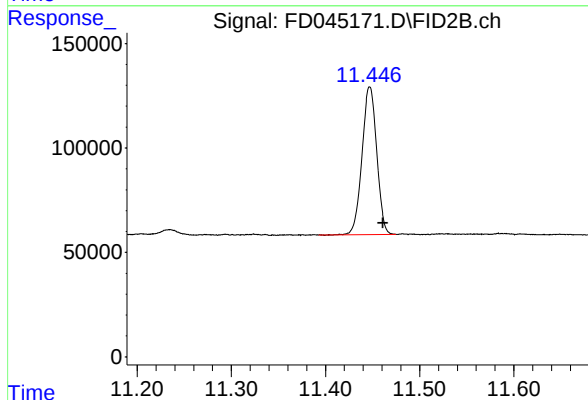
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.010 min
Response: 303177
Conc: 2.18 ug/ml



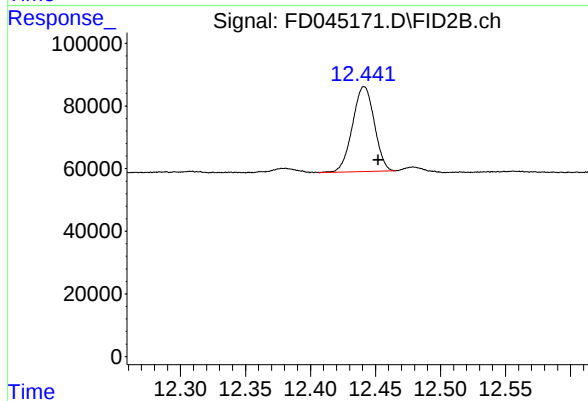
#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: -0.012 min
Response: 364703
Conc: 2.60 ug/ml



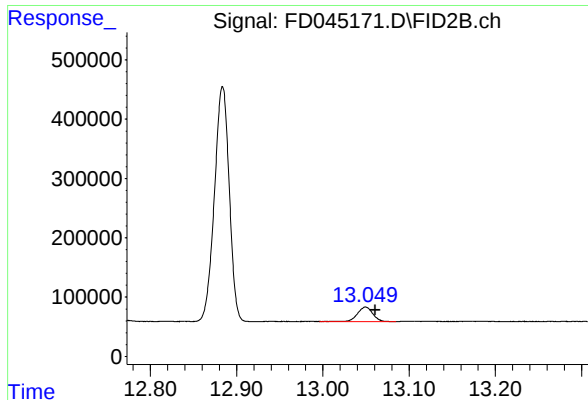
#9 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: -0.014 min
Response: 765359
Conc: 4.97 ug/ml



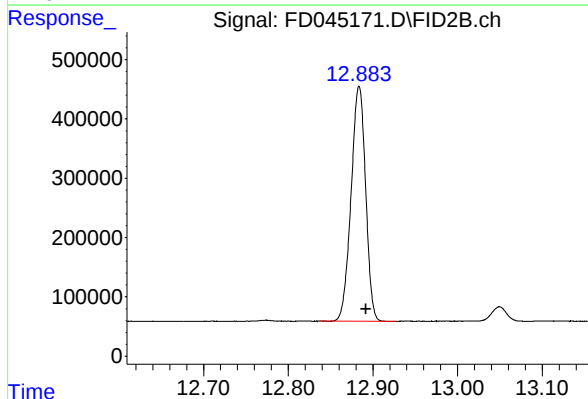
#10 n-Eicosane (C20)

R.T.: 12.441 min
Delta R.T.: -0.011 min
Response: 316670
Conc: 2.34 ug/ml



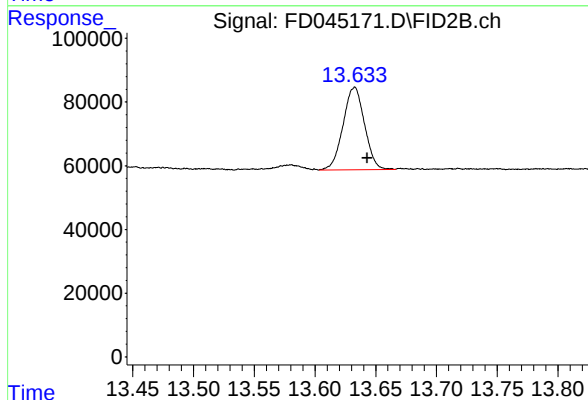
#11 n-Heneicosane (C21)

R.T.: 13.050 min
Delta R.T.: -0.011 min
Response: 297849
Conc: 2.18 ug/ml



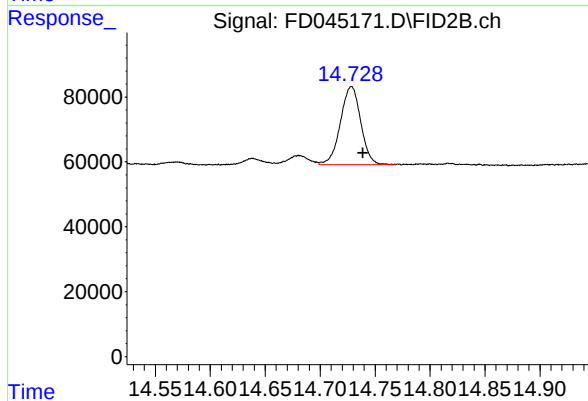
#12 1-chlorooctadecane (SURR)

R.T.: 12.884 min
Delta R.T.: -0.008 min
Response: 4725739
Conc: 40.86 ug/ml



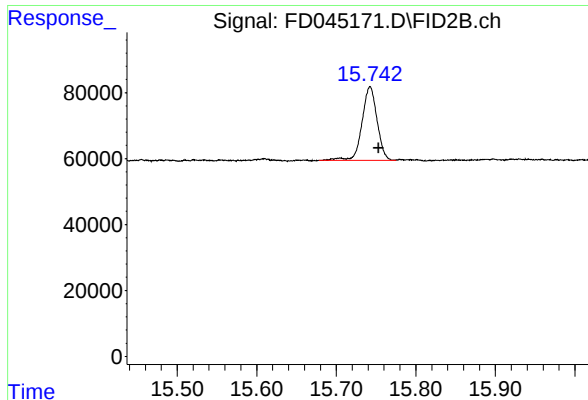
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.011 min
Response: 318279
Conc: 2.38 ug/ml



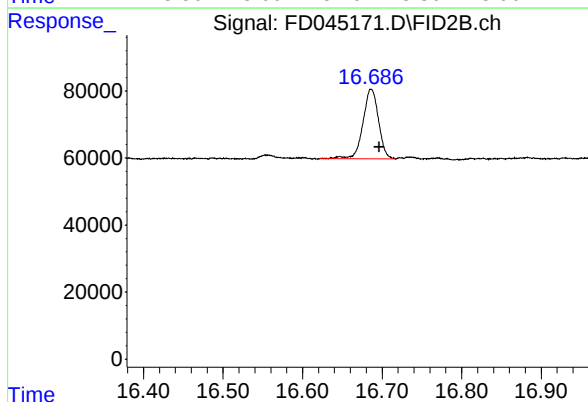
#14 n-Tetracosane (C24)

R.T.: 14.729 min
Delta R.T.: -0.011 min
Response: 309139
Conc: 2.36 ug/ml



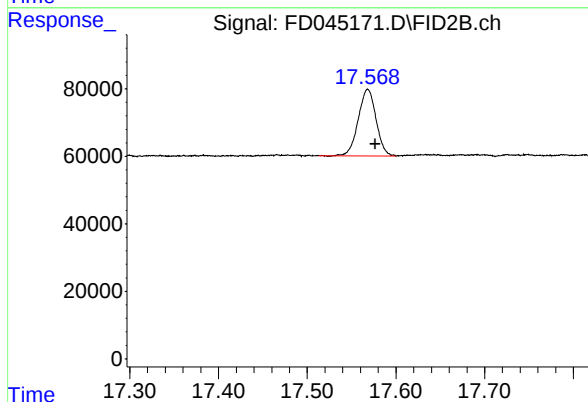
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: -0.011 min
Response: 293164
Conc: 2.33 ug/ml



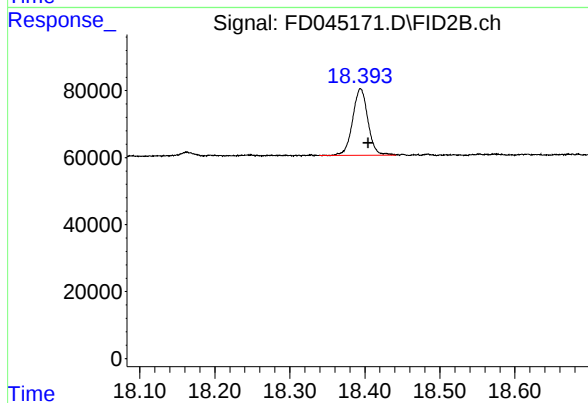
#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.010 min
Response: 282131
Conc: 2.30 ug/ml



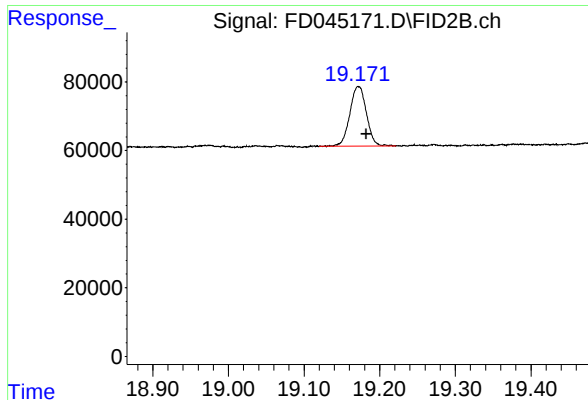
#17 n-Tricontane (C30)

R.T.: 17.568 min
Delta R.T.: -0.009 min
Response: 274110
Conc: 2.32 ug/ml



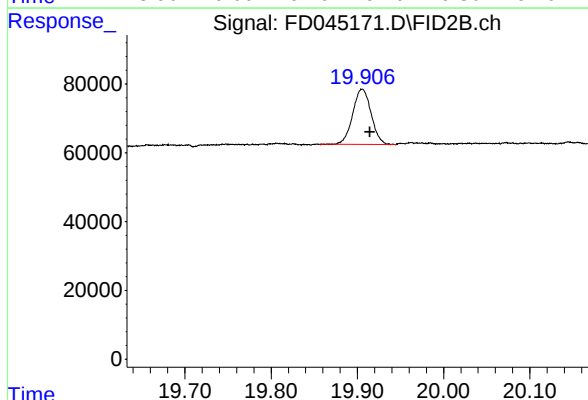
#18 n-Dotriacontane (C32)

R.T.: 18.394 min
Delta R.T.: -0.011 min
Response: 279617
Conc: 2.39 ug/ml



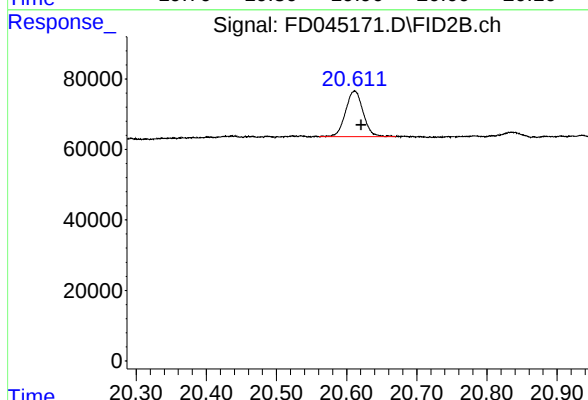
#19 n-Tetratriacontane (C34)

R.T.: 19.172 min
Delta R.T.: -0.010 min
Response: 265260
Conc: 2.31 ug/ml



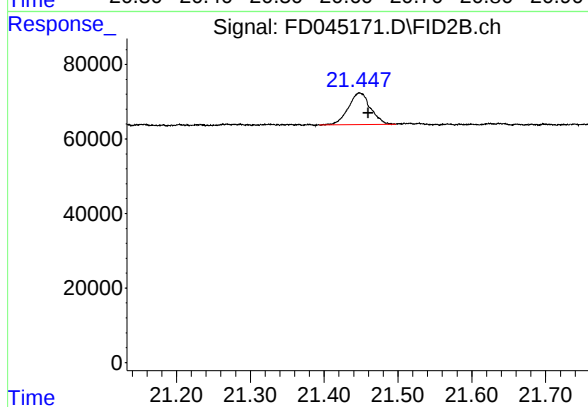
#20 n-Hexatriacontane (C36)

R.T.: 19.906 min
Delta R.T.: -0.009 min
Response: 239532
Conc: 2.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.009 min
Response: 224279
Conc: 2.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.448 min
Delta R.T.: -0.012 min
Response: 177348
Conc: 1.65 ug/ml