

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022723AL\
 Data File : FD045172.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2023 17:46
 Operator : YP/AJ
 Sample : 01627-09
 Misc : 2.5 PPM WATER MDL
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:39:48 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			
12) S 1-chlorooctadecane (S...	12.885	4476879	38.710 ug/ml
Spiked Amount 50.000		Recovery =	77.42%
Target Compounds			
1) T n-Nonane (C9)	3.267	197552	1.453 ug/ml
2) T n-Decane (C10)	4.324	232611	1.741 ug/ml
4) T n-Dodecane (C12)	6.329	329986	2.441 ug/ml
6) T n-Tetradecane (C14)	8.113	294458	2.168 ug/ml
7) T n-Hexadecane (C16)	9.706	299637	2.153 ug/ml
8) T n-Octadecane (C18)	11.139	367751	2.621 ug/ml
10) T n-Eicosane (C20)	12.442	315684	2.330 ug/ml
11) T n-Heneicosane (C21)	13.050	291381	2.137 ug/ml
13) T n-Docosane (C22)	13.633	315610	2.357 ug/ml
14) T n-Tetracosane (C24)	14.728	303542	2.318 ug/ml
15) T n-Hexacosane (C26)	15.743	278010	2.208 ug/ml
16) T n-Octacosane (C28)	16.687	282798	2.307 ug/ml
17) T n-Tricontane (C30)	17.567	282691	2.388 ug/ml
18) T n-Dotriacontane (C32)	18.394	279450	2.387 ug/ml
19) T n-Tetratriacontane (C34)	19.172	263079	2.289 ug/ml
20) T n-Hexatriacontane (C36)	19.906	233111	2.122 ug/ml
21) T n-Octatriacontane (C38)	20.611	222640	2.066 ug/ml
22) T n-Tetracontane (C40)	21.449	188829	1.761 ug/ml

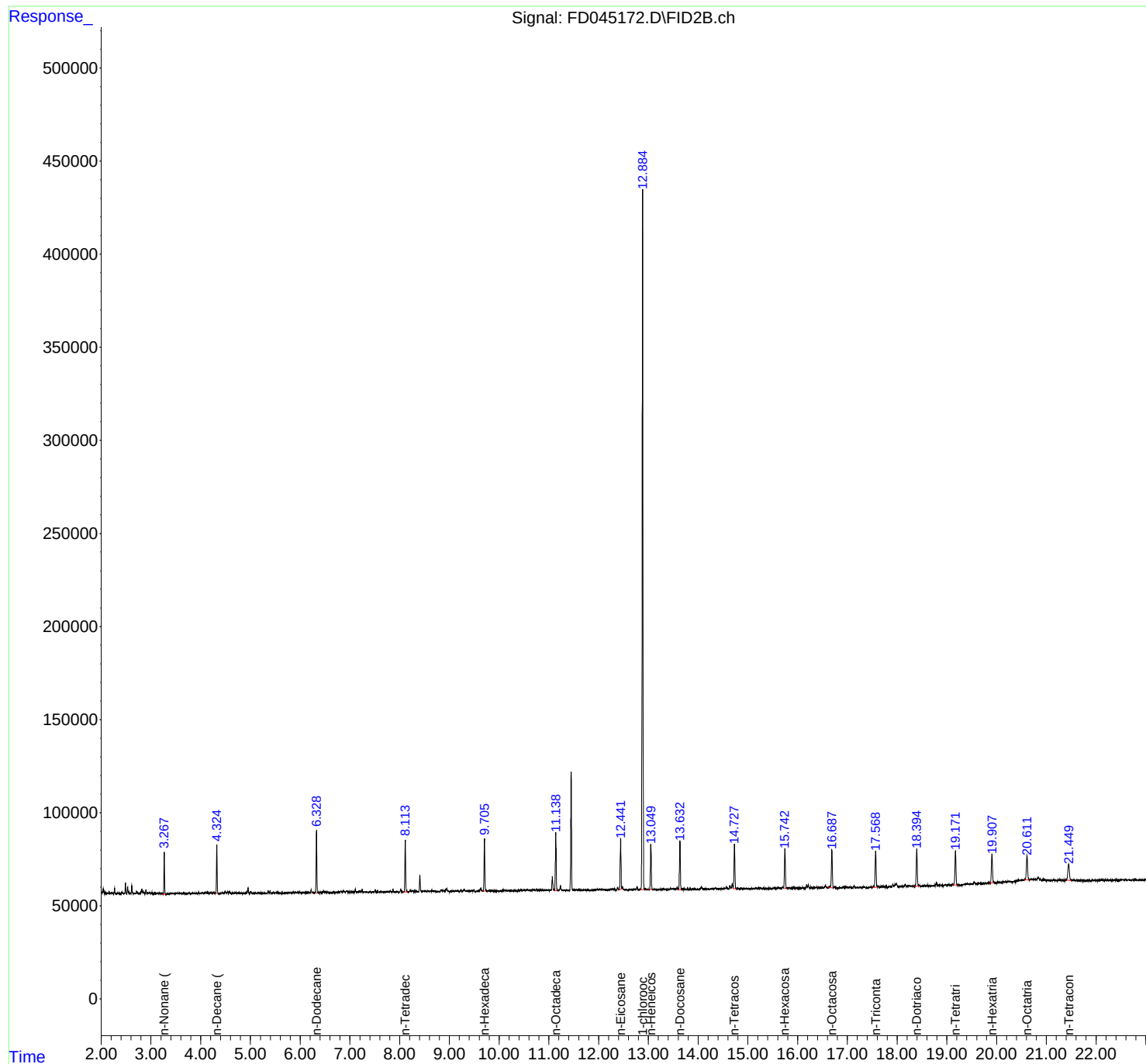
(f)=RT Delta > 1/2 Window

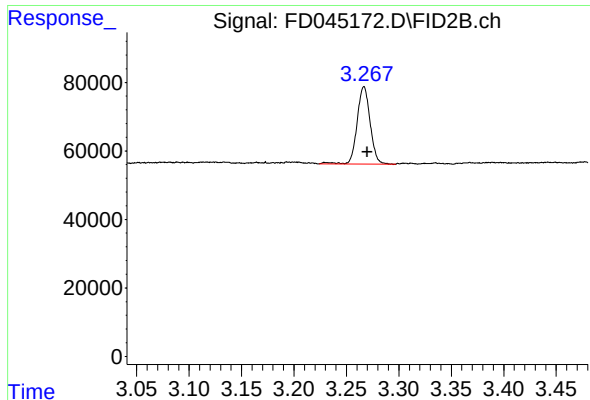
(m)=manual int.

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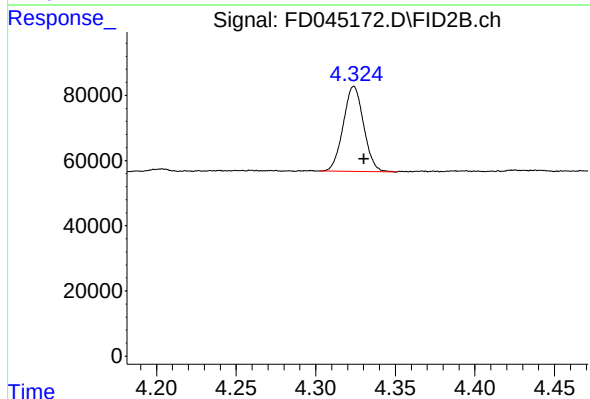
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





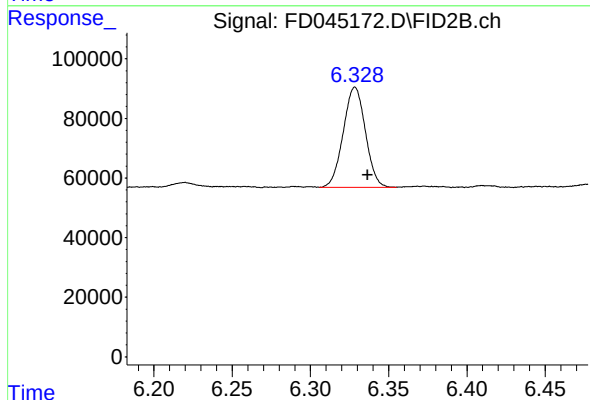
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.003 min
Response: 197552
Conc: 1.45 ug/ml



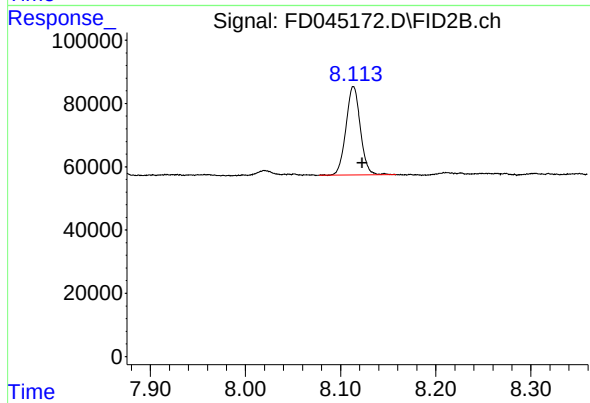
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 232611
Conc: 1.74 ug/ml



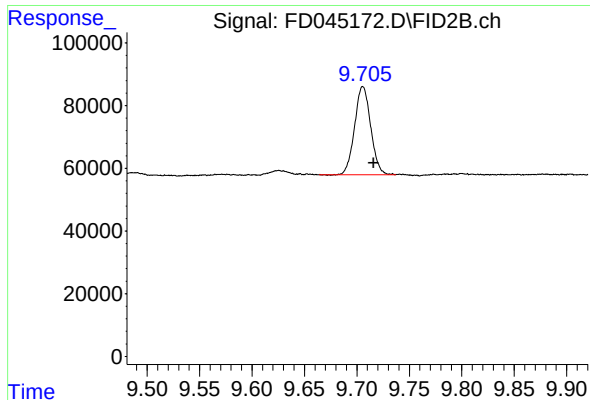
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.008 min
Response: 329986
Conc: 2.44 ug/ml



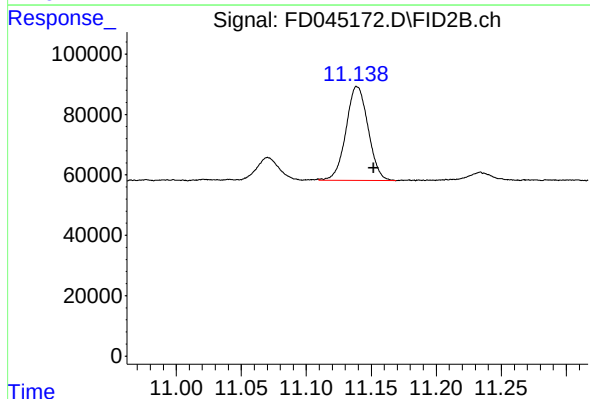
#6 n-Tetradecane (C14)

R.T.: 8.113 min
Delta R.T.: -0.009 min
Response: 294458
Conc: 2.17 ug/ml



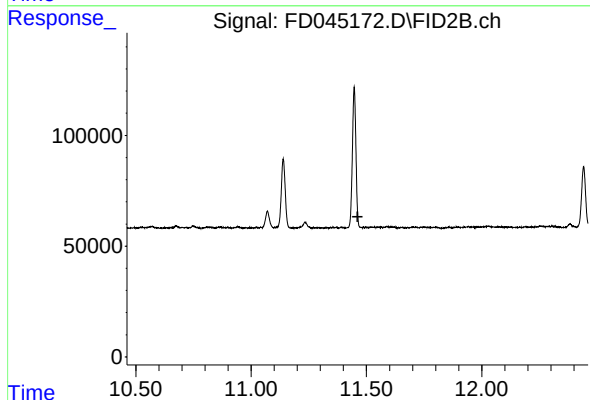
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.010 min
Response: 299637
Conc: 2.15 ug/ml



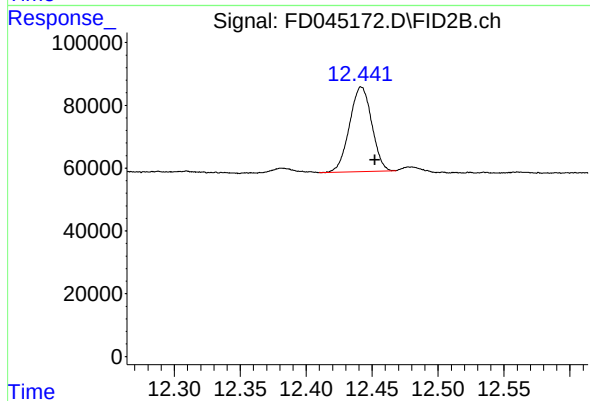
#8 n-Octadecane (C18)

R.T.: 11.139 min
Delta R.T.: -0.013 min
Response: 367751
Conc: 2.62 ug/ml



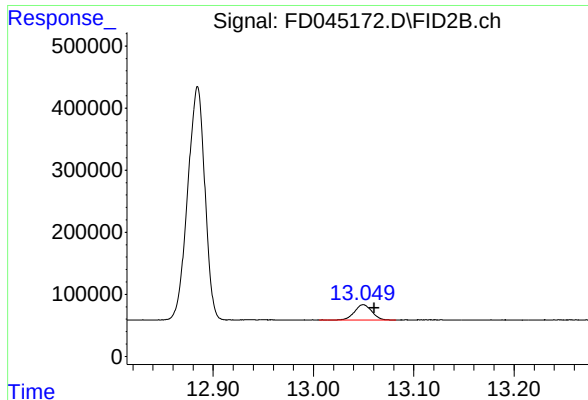
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.461 min
Response: 0
Conc: N.D.



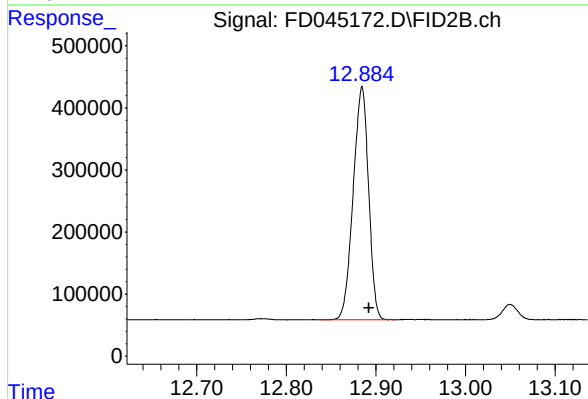
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: -0.010 min
Response: 315684
Conc: 2.33 ug/ml



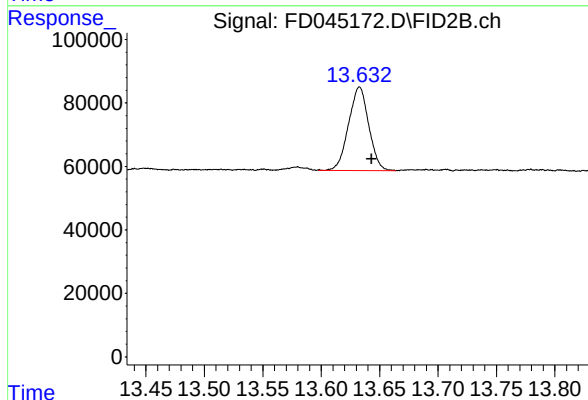
#11 n-Heneicosane (C21)

R.T.: 13.050 min
Delta R.T.: -0.011 min
Response: 291381
Conc: 2.14 ug/ml



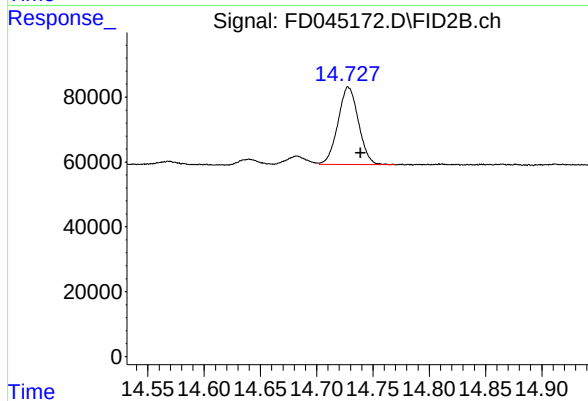
#12 1-chlorooctadecane (SURR)

R.T.: 12.885 min
Delta R.T.: -0.008 min
Response: 4476879
Conc: 38.71 ug/ml



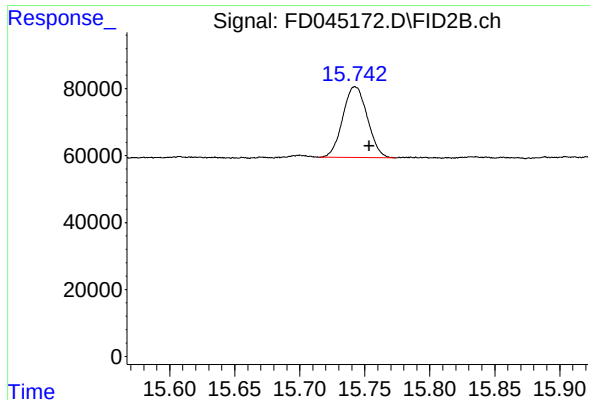
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.010 min
Response: 315610
Conc: 2.36 ug/ml



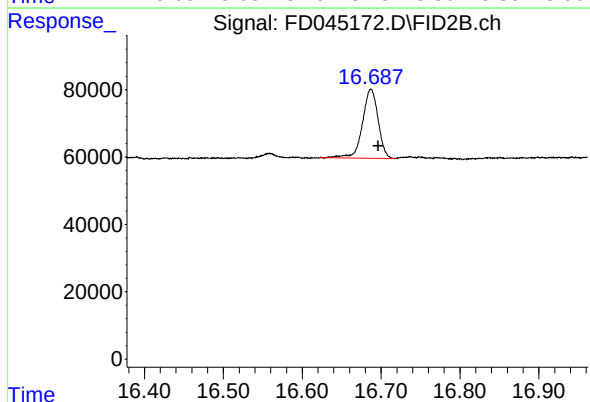
#14 n-Tetracosane (C24)

R.T.: 14.728 min
Delta R.T.: -0.011 min
Response: 303542
Conc: 2.32 ug/ml



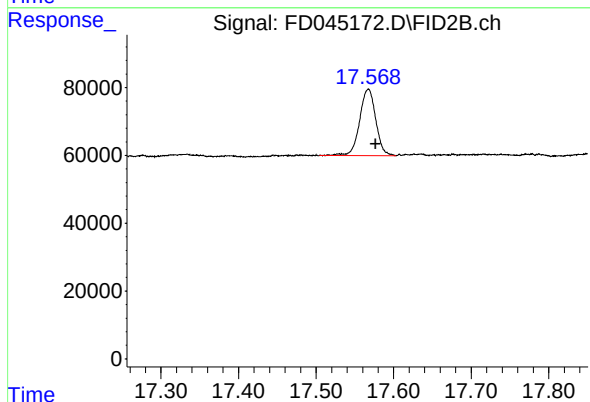
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: -0.011 min
Response: 278010
Conc: 2.21 ug/ml



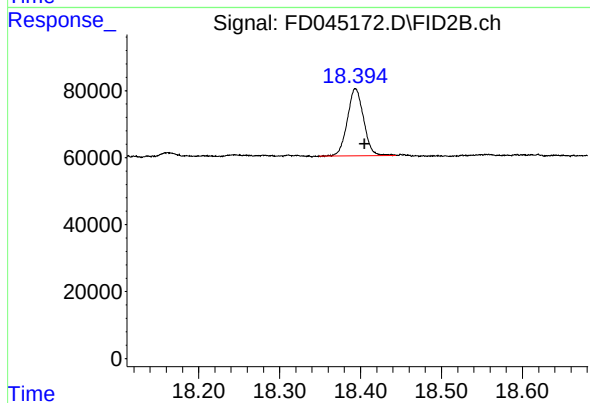
#16 n-Octacosane (C28)

R.T.: 16.687 min
Delta R.T.: -0.009 min
Response: 282798
Conc: 2.31 ug/ml



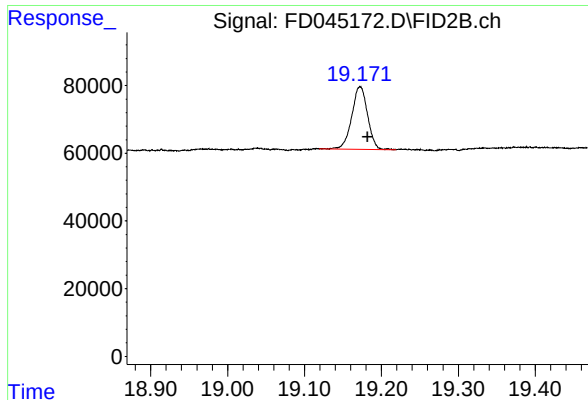
#17 n-Tricontane (C30)

R.T.: 17.567 min
Delta R.T.: -0.009 min
Response: 282691
Conc: 2.39 ug/ml



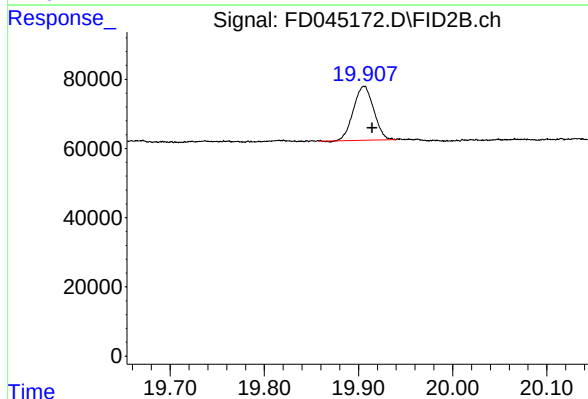
#18 n-Dotriacontane (C32)

R.T.: 18.394 min
Delta R.T.: -0.011 min
Response: 279450
Conc: 2.39 ug/ml



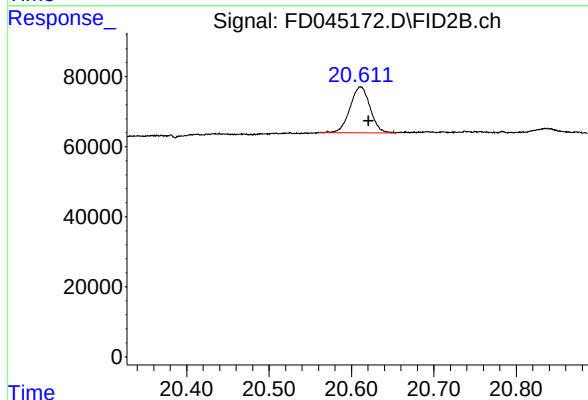
#19 n-Tetratriacontane (C34)

R.T.: 19.172 min
Delta R.T.: -0.010 min
Response: 263079
Conc: 2.29 ug/ml



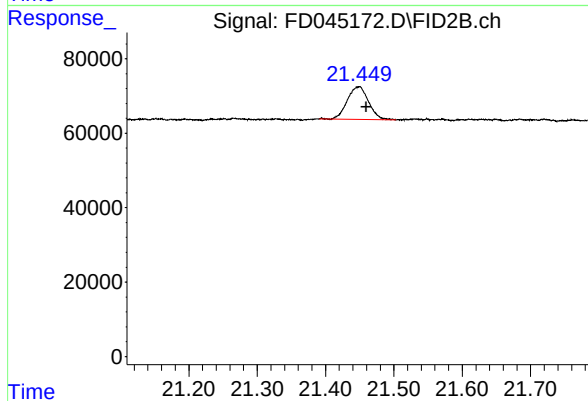
#20 n-Hexatriacontane (C36)

R.T.: 19.906 min
Delta R.T.: -0.009 min
Response: 233111
Conc: 2.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.010 min
Response: 222640
Conc: 2.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.449 min
Delta R.T.: -0.010 min
Response: 188829
Conc: 1.76 ug/ml