

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081122AL\
 Data File : FD043544.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2022 14:37
 Operator : YP/AJ
 Sample : N3980-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 17:05:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 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...	12.959	3401933	27.757 ug/ml
Spiked Amount 50.000		Recovery =	55.51%
Target Compounds			
1) T n-Nonane (C9)	3.307	191723	1.368 ug/ml
2) T n-Decane (C10)	4.369	241057	1.714 ug/ml
4) T n-Dodecane (C12)	6.381	322923	2.269 ug/ml
6) T n-Tetradecane (C14)	8.172	299079	2.108 ug/ml
7) T n-Hexadecane (C16)	9.769	279883	1.973 ug/ml
8) T n-Octadecane (C18)	11.208	302640	2.117 ug/ml
10) T n-Eicosane (C20)	12.515	303984	2.099 ug/ml
11) T n-Heneicosane (C21)	13.125	303261	2.088 ug/ml
13) T n-Docosane (C22)	13.710	303310	2.091 ug/ml
14) T n-Tetracosane (C24)	14.810	313769	2.166 ug/ml
15) T n-Hexacosane (C26)	15.827	286467	1.992 ug/ml
16) T n-Octacosane (C28)	16.774	295555	2.089 ug/ml
17) T n-Tricontane (C30)	17.658	305831	2.167 ug/ml
18) T n-Dotriacontane (C32)	18.487	323604	2.340 ug/ml
19) T n-Tetratriacontane (C34)	19.267	307948	2.393 ug/ml
20) T n-Hexatriacontane (C36)	20.004	285090	2.311 ug/ml
21) T n-Octatriacontane (C38)	20.724	266771	2.256 ug/ml
22) T n-Tetracontane (C40)	21.597	253622	2.243 ug/ml

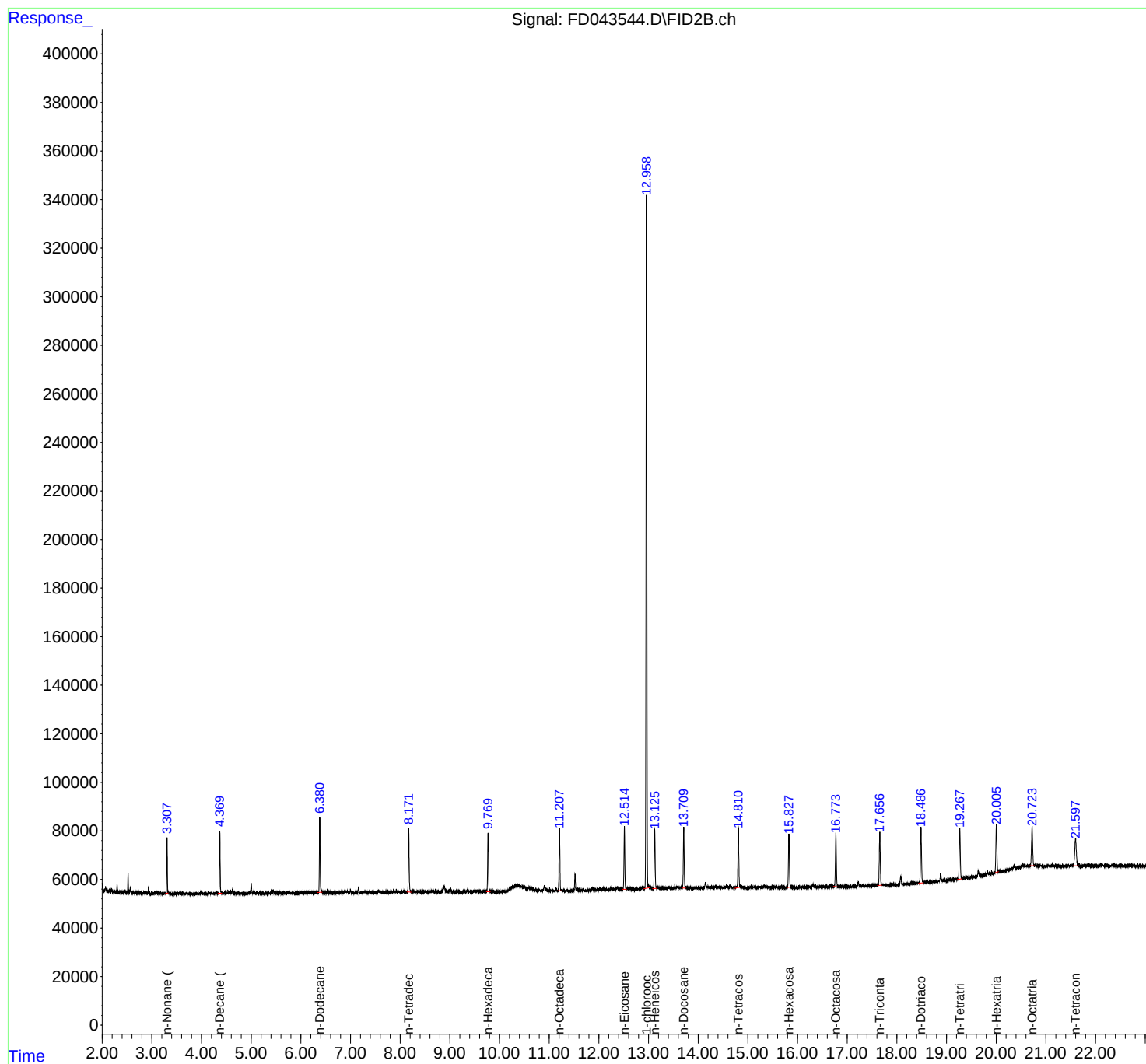
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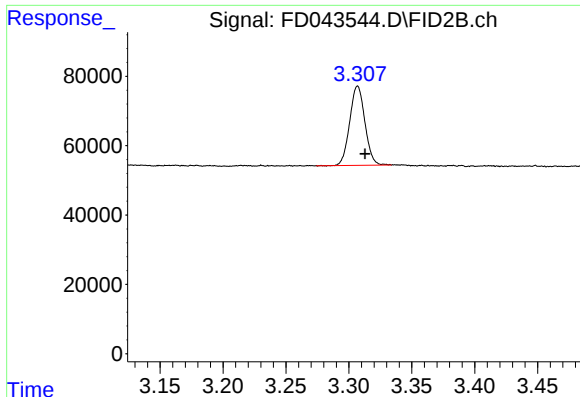
(m)=manual int.

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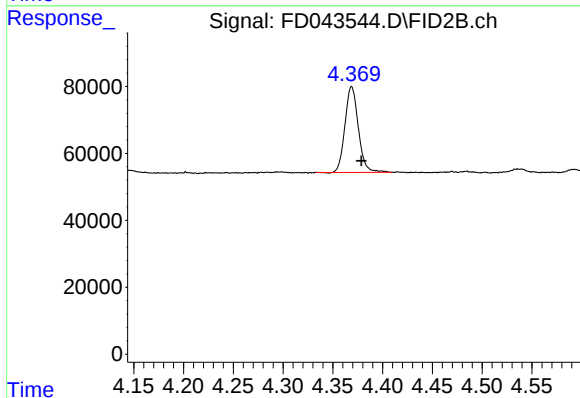
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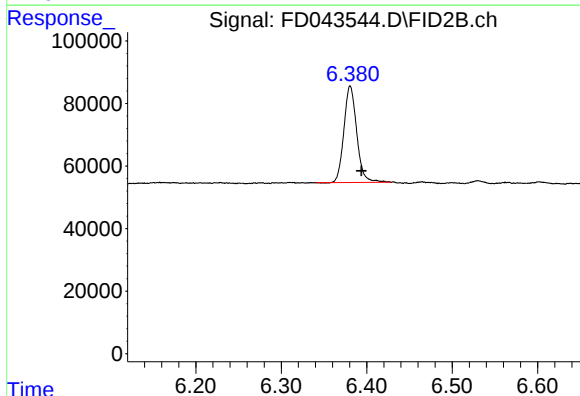
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.006 min
Response: 191723
Conc: 1.37 ug/ml



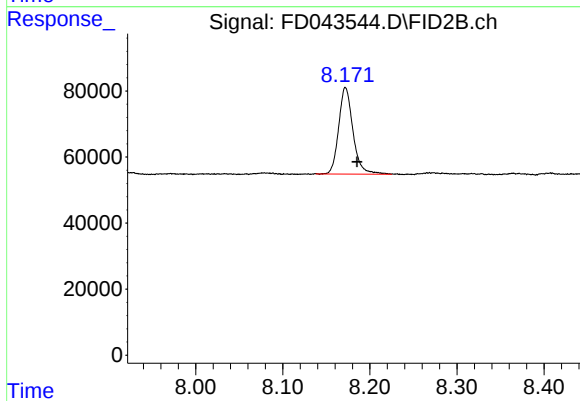
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.010 min
Response: 241057
Conc: 1.71 ug/ml



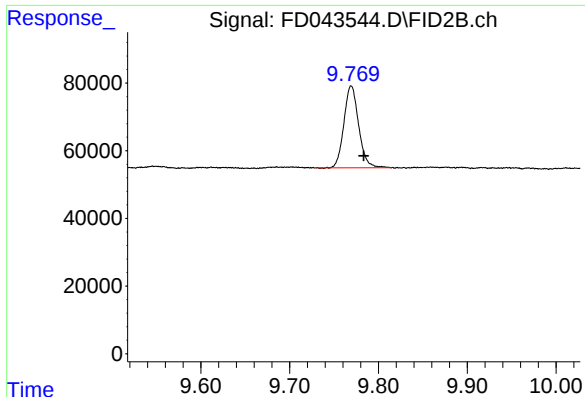
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.013 min
Response: 322923
Conc: 2.27 ug/ml



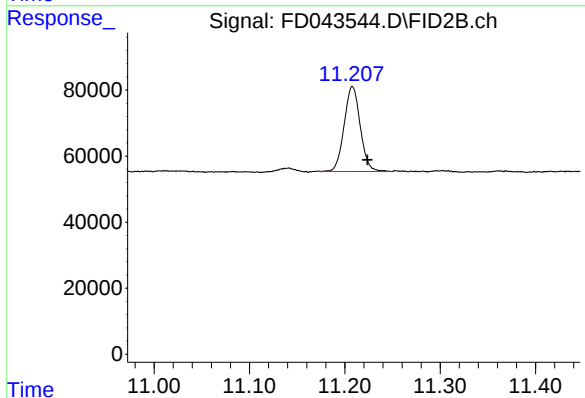
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.013 min
Response: 299079
Conc: 2.11 ug/ml



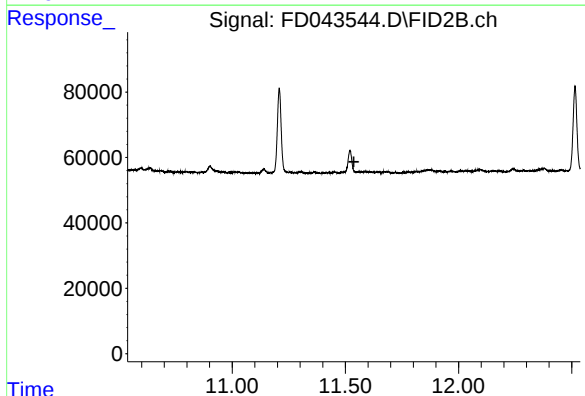
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.014 min
Response: 279883
Conc: 1.97 ug/ml



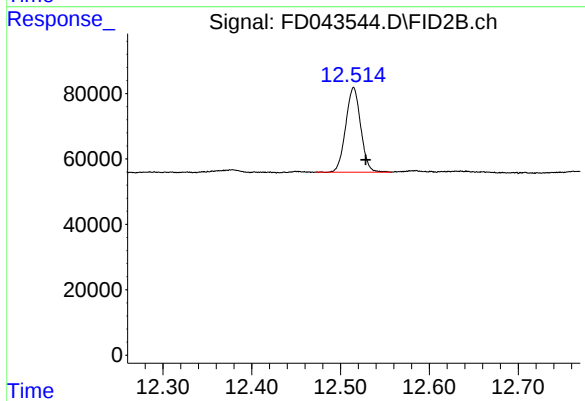
#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.016 min
Response: 302640
Conc: 2.12 ug/ml



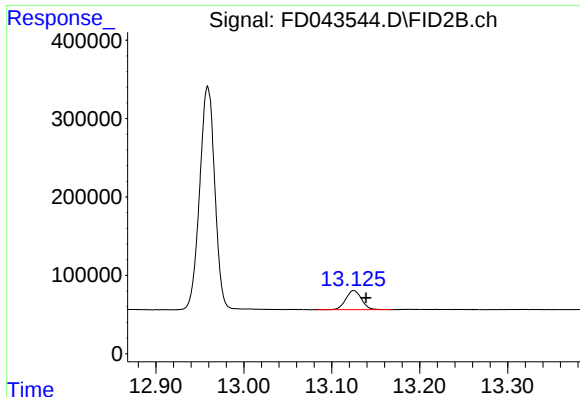
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



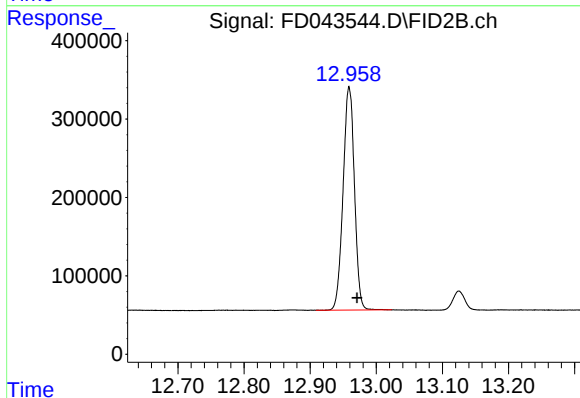
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.014 min
Response: 303984
Conc: 2.10 ug/ml



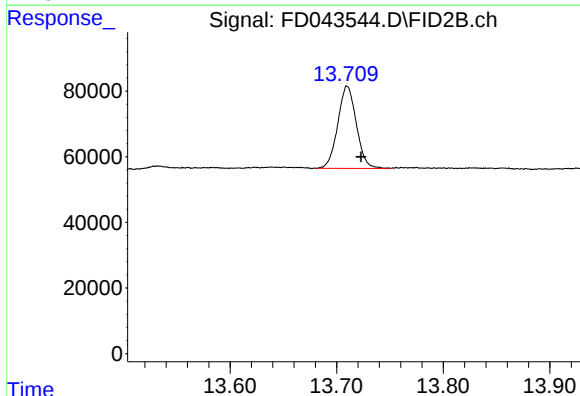
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.014 min
Response: 303261
Conc: 2.09 ug/ml



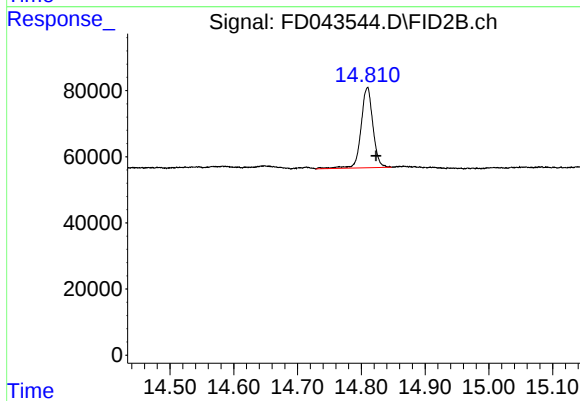
#12 1-chlorooctadecane (SURR)

R.T.: 12.959 min
Delta R.T.: -0.012 min
Response: 3401933
Conc: 27.76 ug/ml



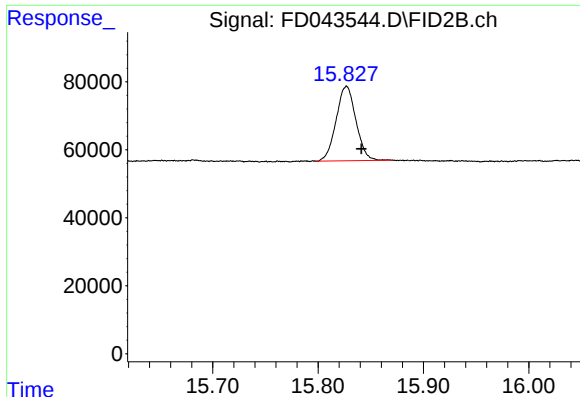
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.013 min
Response: 303310
Conc: 2.09 ug/ml



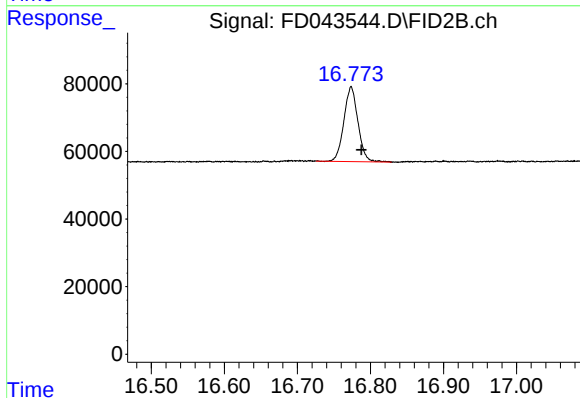
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.013 min
Response: 313769
Conc: 2.17 ug/ml



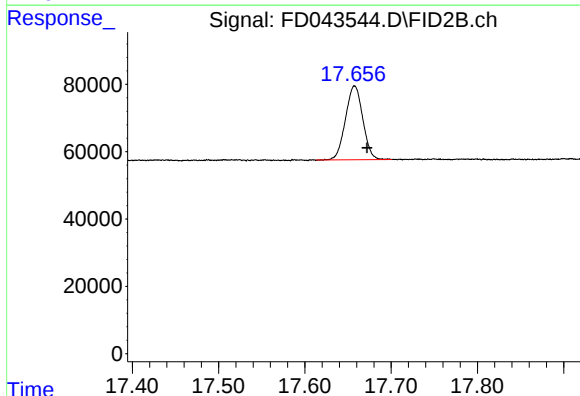
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.014 min
Response: 286467
Conc: 1.99 ug/ml



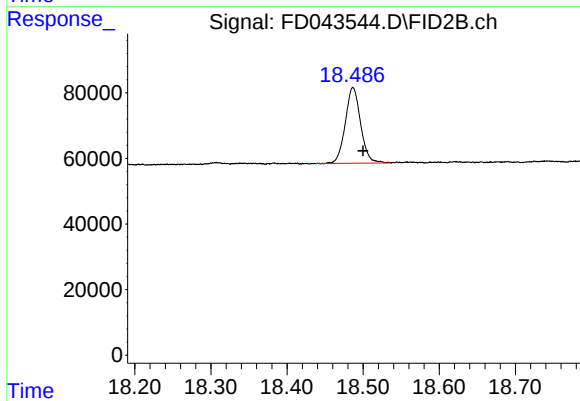
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: -0.014 min
Response: 295555
Conc: 2.09 ug/ml



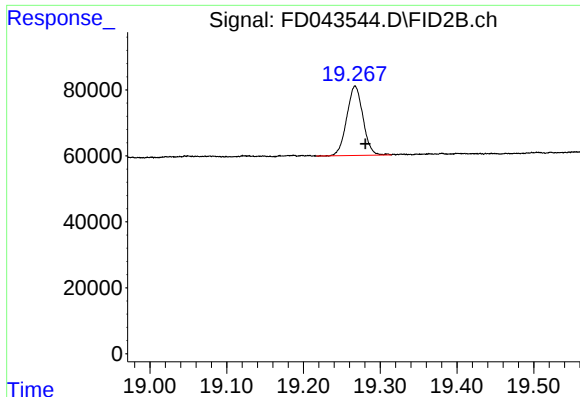
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.014 min
Response: 305831
Conc: 2.17 ug/ml



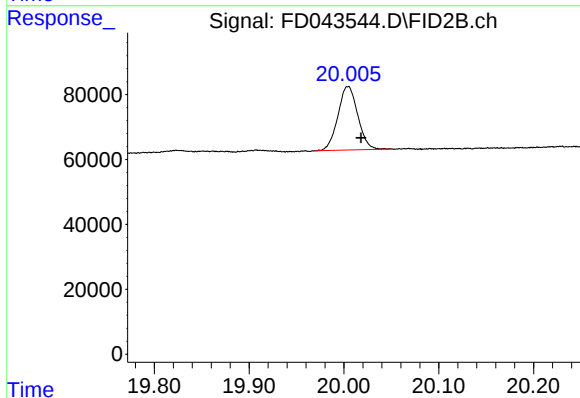
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.013 min
Response: 323604
Conc: 2.34 ug/ml



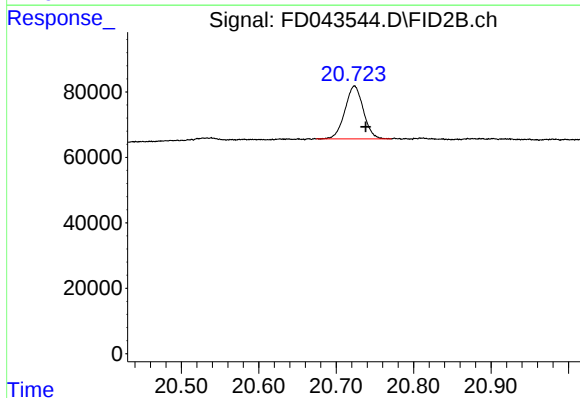
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.013 min
Response: 307948
Conc: 2.39 ug/ml



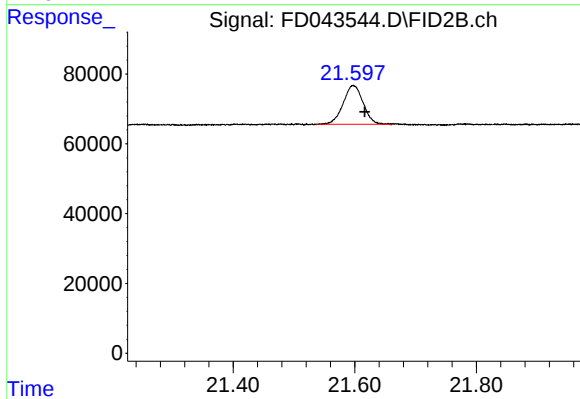
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.014 min
Response: 285090
Conc: 2.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: -0.014 min
Response: 266771
Conc: 2.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.019 min
Response: 253622
Conc: 2.24 ug/ml