

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072622AL\
 Data File : FD043355.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jul 2022 16:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 27 05:05:08 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			
9) S ortho-Terphenyl (SURR)	11.527	3124638	19.740 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
12) S 1-chlorooctadecane (S...	12.963	2452281	20.009 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T n-Nonane (C9)	3.307	2773190	19.785 ug/ml
2) T n-Decane (C10)	4.373	2788583	19.833 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3014353	19.838 ug/ml
4) T n-Dodecane (C12)	6.388	2805203	19.709 ug/ml
5) T A~2-methylnaphthalene...	7.005	2988425	19.973 ug/ml
6) T n-Tetradecane (C14)	8.179	2799104	19.733 ug/ml
7) T n-Hexadecane (C16)	9.777	2820967	19.890 ug/ml
8) T n-Octadecane (C18)	11.215	2859140	19.995 ug/ml
10) T n-Eicosane (C20)	12.521	2880539	19.894 ug/ml
11) T n-Heneicosane (C21)	13.131	2904991	20.001 ug/ml
13) T n-Docosane (C22)	13.716	2895636	19.959 ug/ml
14) T n-Tetracosane (C24)	14.815	2859699	19.740 ug/ml
15) T n-Hexacosane (C26)	15.832	2799931	19.466 ug/ml
16) T n-Octacosane (C28)	16.779	2687167	18.996 ug/ml
17) T n-Tricontane (C30)	17.663	2627013	18.612 ug/ml
18) T n-Dotriacontane (C32)	18.493	2536203	18.340 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2357577	18.321 ug/ml
20) T n-Hexatriacontane (C36)	20.010	2301270	18.657 ug/ml
21) T n-Octatriacontane (C38)	20.730	2298443	19.437 ug/ml
22) T n-Tetracontane (C40)	21.605	2200880	19.464 ug/mlm

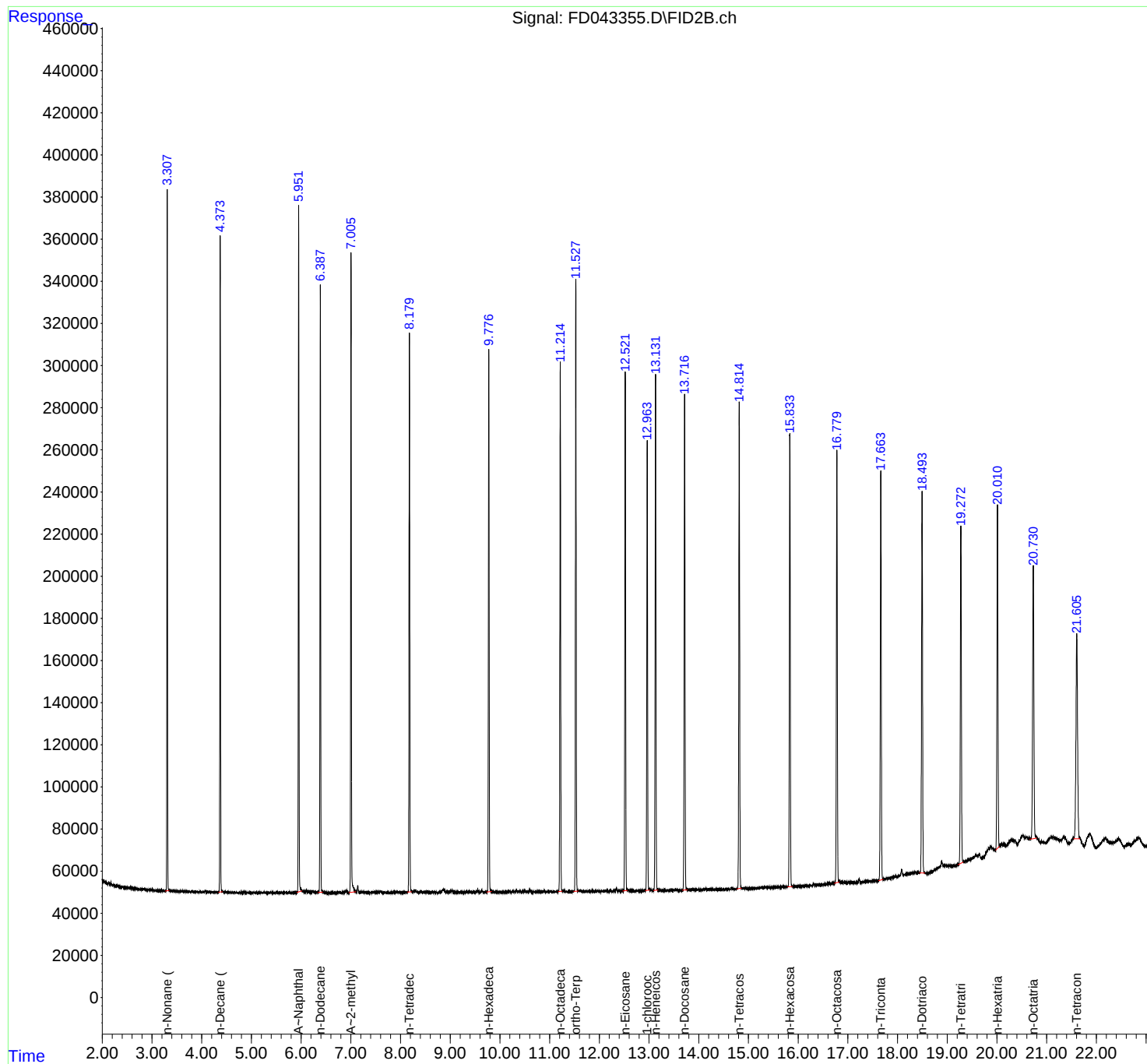
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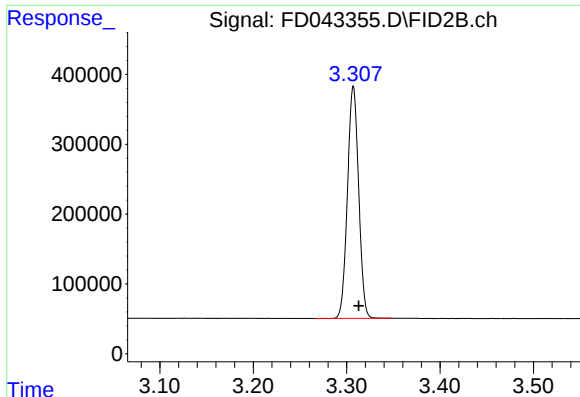
(m)=manual int.

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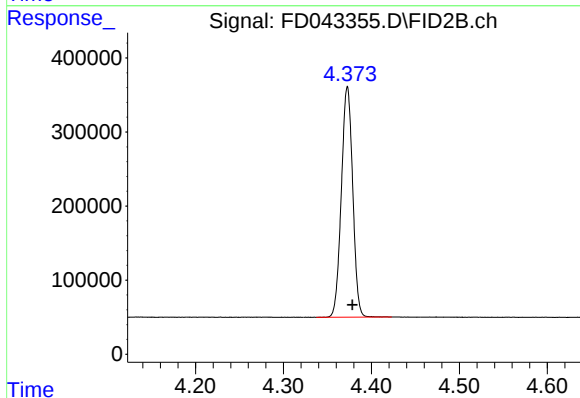
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





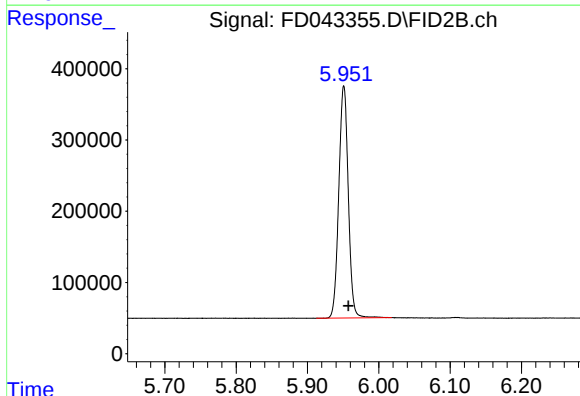
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.006 min
Response: 2773190
Conc: 19.78 ug/ml



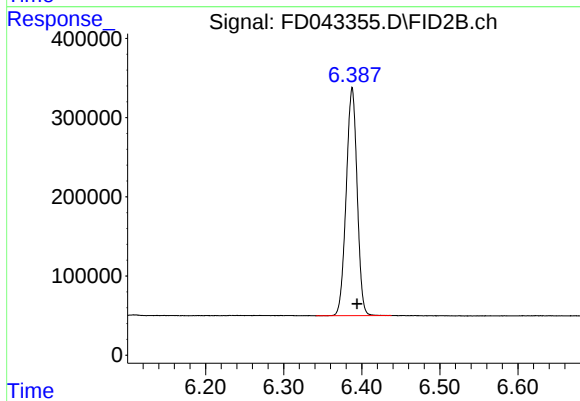
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.006 min
Response: 2788583
Conc: 19.83 ug/ml



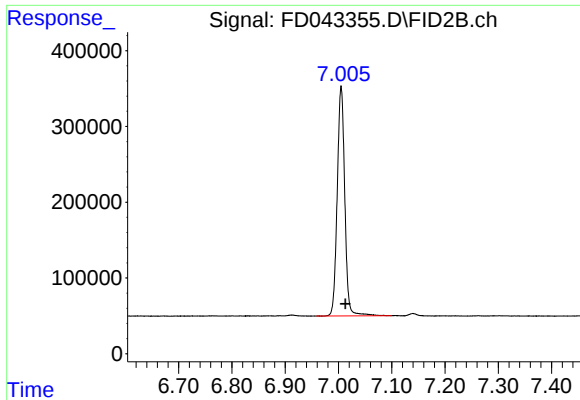
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.006 min
Response: 3014353
Conc: 19.84 ug/ml



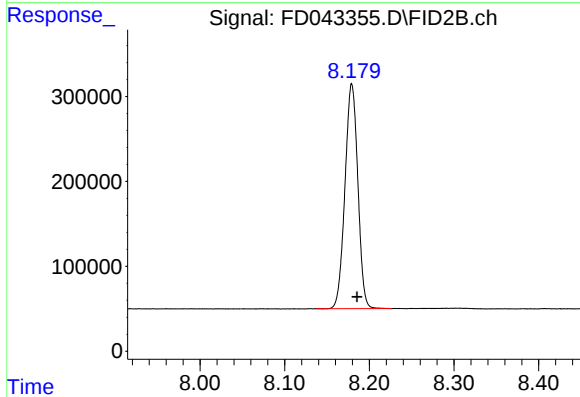
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 2805203
Conc: 19.71 ug/ml



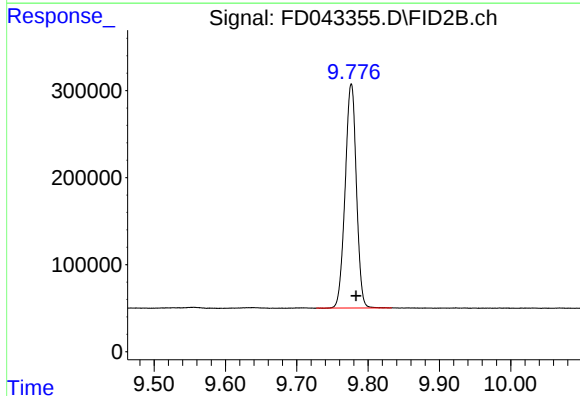
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.008 min
Response: 2988425
Conc: 19.97 ug/ml



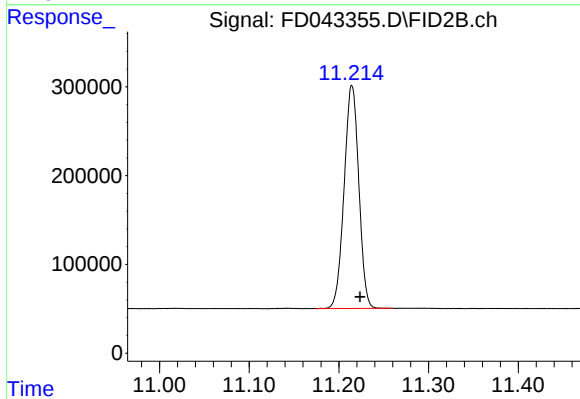
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 2799104
Conc: 19.73 ug/ml



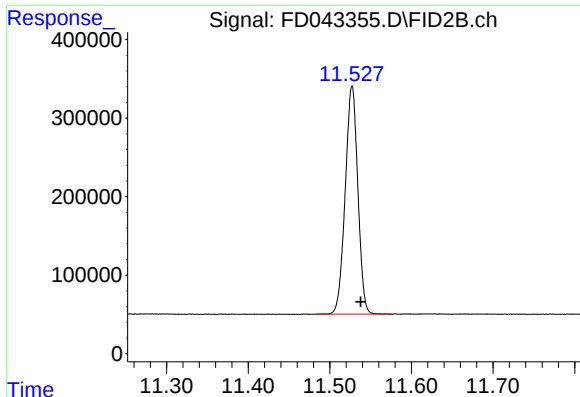
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.007 min
Response: 2820967
Conc: 19.89 ug/ml



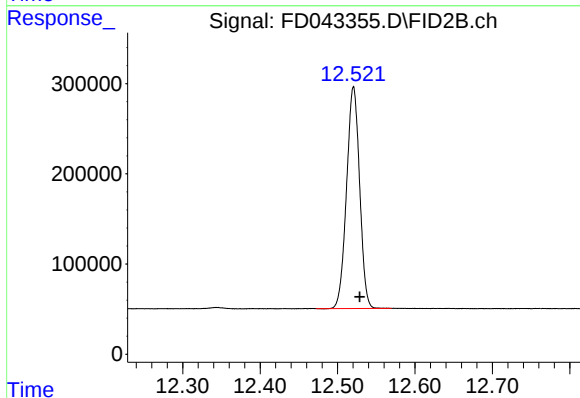
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.009 min
Response: 2859140
Conc: 20.00 ug/ml



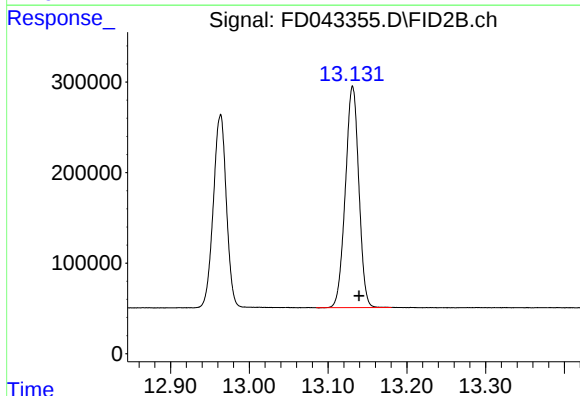
#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: -0.011 min
Response: 3124638
Conc: 19.74 ug/ml



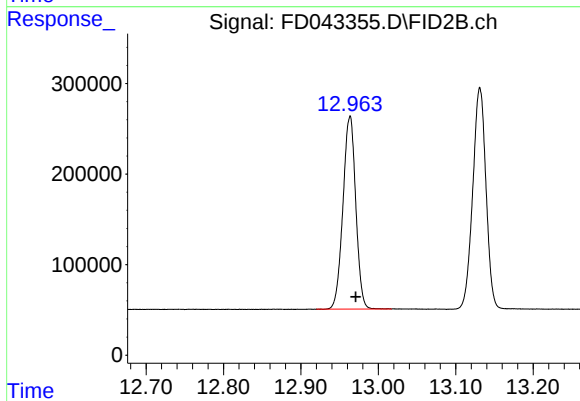
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.008 min
Response: 2880539
Conc: 19.89 ug/ml



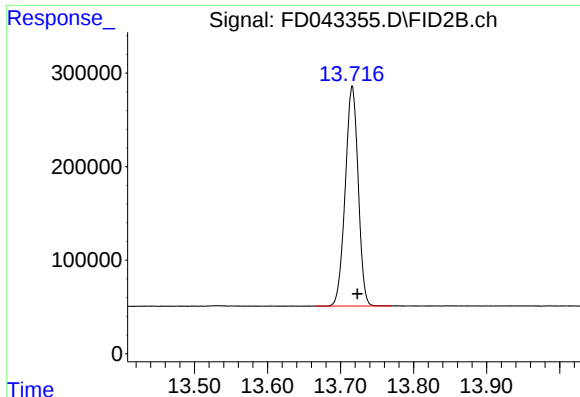
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.008 min
Response: 2904991
Conc: 20.00 ug/ml



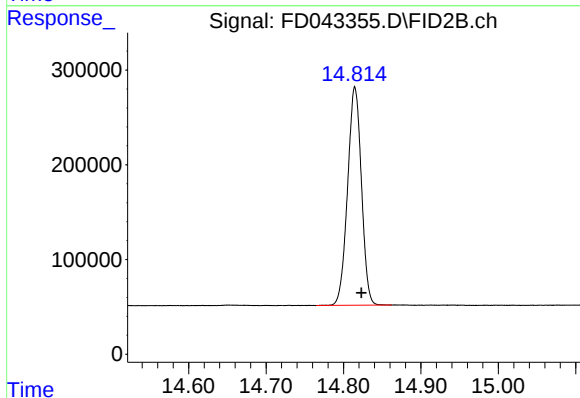
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: -0.007 min
Response: 2452281
Conc: 20.01 ug/ml



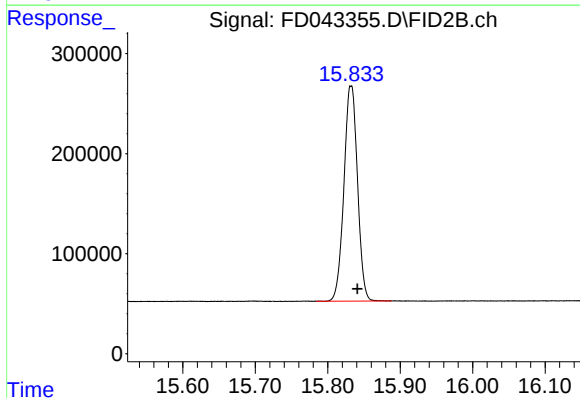
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.007 min
Response: 2895636
Conc: 19.96 ug/ml



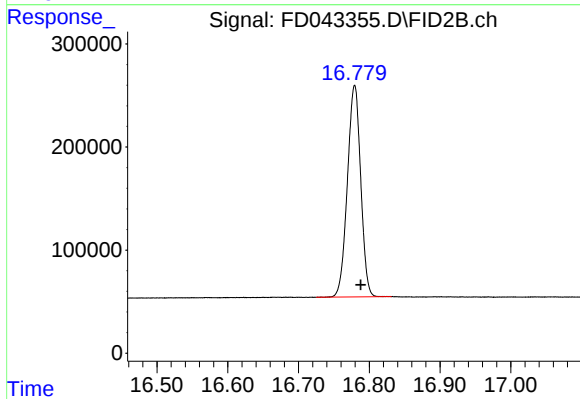
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.008 min
Response: 2859699
Conc: 19.74 ug/ml



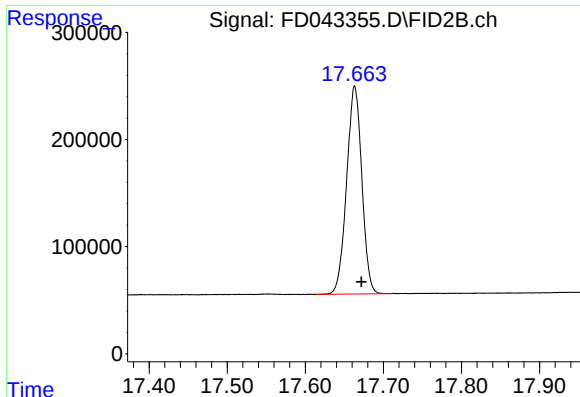
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.009 min
Response: 2799931
Conc: 19.47 ug/ml



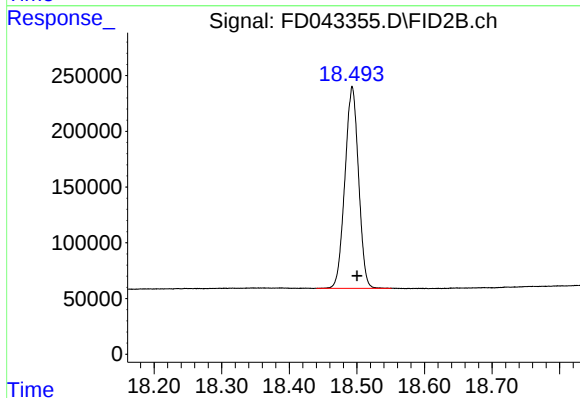
#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: -0.009 min
Response: 2687167
Conc: 19.00 ug/ml



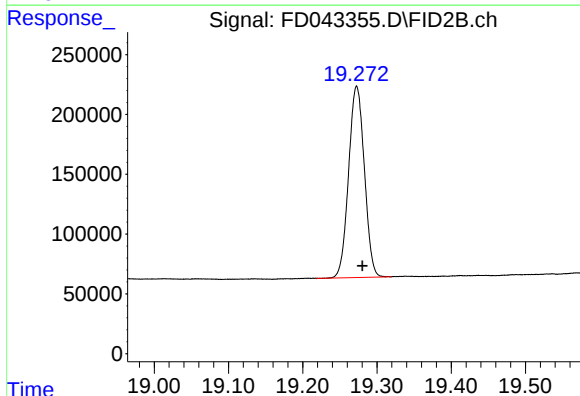
#17 n-Tricontane (C30)

R.T.: 17.663 min
Delta R.T.: -0.009 min
Response: 2627013
Conc: 18.61 ug/ml



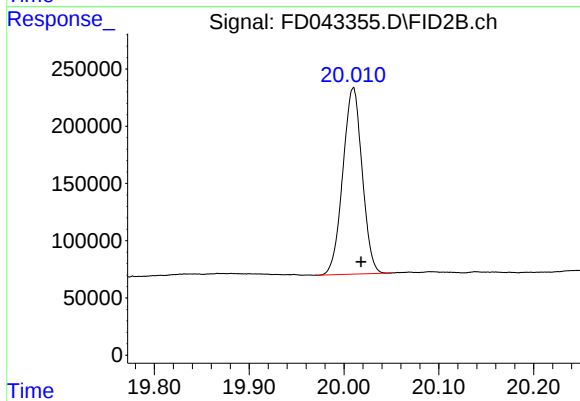
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: -0.007 min
Response: 2536203
Conc: 18.34 ug/ml



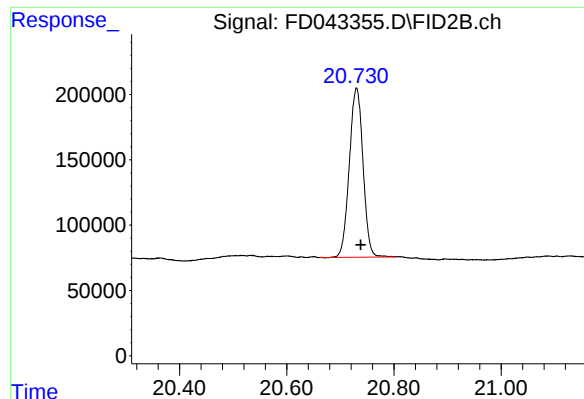
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.008 min
Response: 2357577
Conc: 18.32 ug/ml



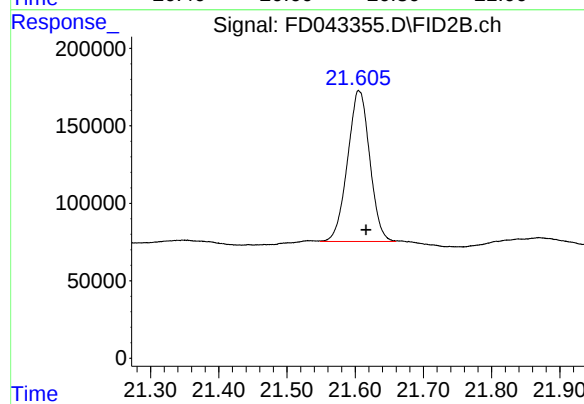
#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: -0.008 min
Response: 2301270
Conc: 18.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.008 min
Response: 2298443
Conc: 19.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.012 min
Response: 2200880
Conc: 19.46 ug/ml m