

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AL\
 Data File : FD043713.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2022 11:19
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 13:54:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 13:52:15 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)	11.395	9081727	49.118 ug/ml
Spiked Amount 50.000		Recovery =	98.24%
12) S 1-chlorooctadecane (S...	12.808	7352156	49.094 ug/ml
Spiked Amount 50.000		Recovery =	98.19%
Target Compounds			
1) T n-Nonane (C9)	3.192	7594527	49.570 ug/ml
2) T n-Decane (C10)	4.248	7630358	49.926 ug/ml
3) T A~Naphthalene (C11.7)	5.835	8449717	50.278 ug/ml
4) T n-Dodecane (C12)	6.252	7728155	49.634 ug/ml
5) T A~2-methylnaphthalene...	6.884	8515545	50.253 ug/ml
6) T n-Tetradecane (C14)	8.036	7842747	49.624 ug/ml
7) T n-Hexadecane (C16)	9.628	7993718	49.621 ug/ml
8) T n-Octadecane (C18)	11.061	8154072	49.454 ug/ml
10) T n-Eicosane (C20)	12.362	8129707	49.015 ug/ml
11) T n-Heneicosane (C21)	12.970	8192601	48.819 ug/ml
13) T n-Docosane (C22)	13.553	8169985	48.718 ug/ml
14) T n-Tetracosane (C24)	14.648	8179614	48.649 ug/ml
15) T n-Hexacosane (C26)	15.661	8049456	48.527 ug/ml
16) T n-Octacosane (C28)	16.603	7852335	48.480 ug/ml
17) T n-Tricontane (C30)	17.482	7297551	48.352 ug/ml
18) T n-Dotriacontane (C32)	18.307	5730853	48.443 ug/ml
19) T n-Tetratriacontane (C34)	19.083	3990809	48.347 ug/ml
20) T n-Hexatriacontane (C36)	19.814	2870212	48.509 ug/ml
21) T n-Octatriacontane (C38)	20.512	2387124	48.917 ug/ml
22) T n-Tetracontane (C40)	21.307	2294082	50.318 ug/ml

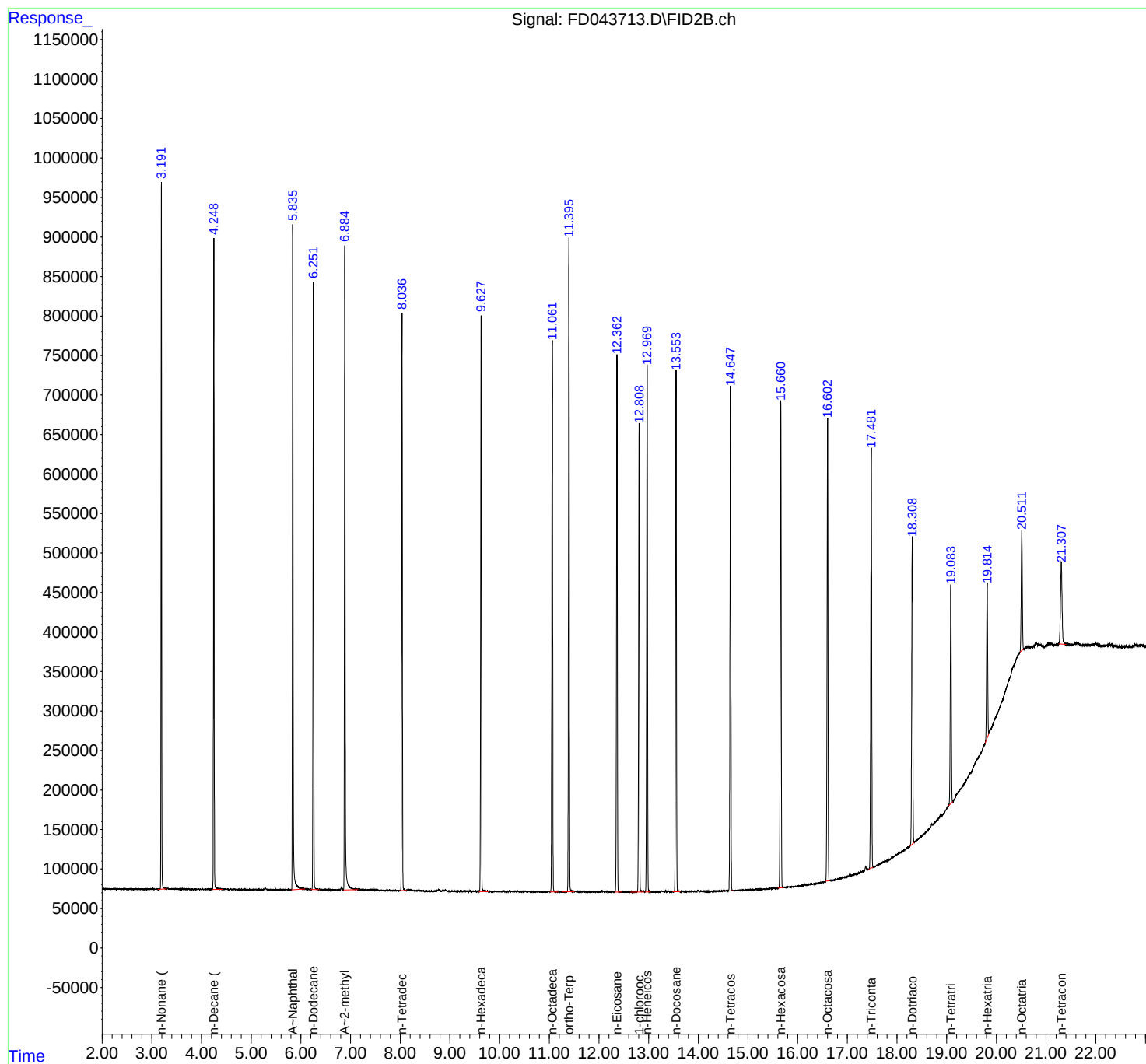
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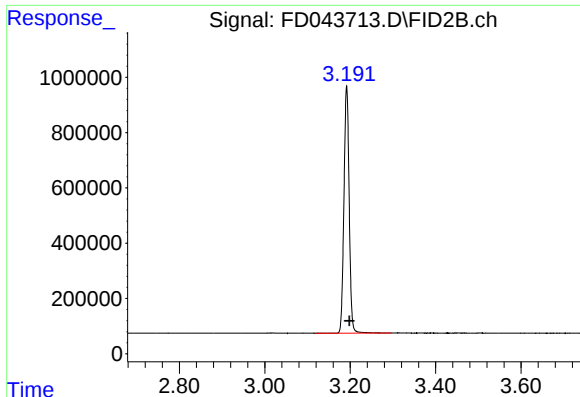
(m)=manual int.

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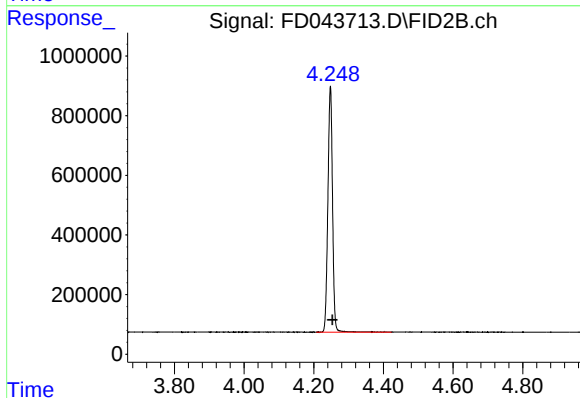
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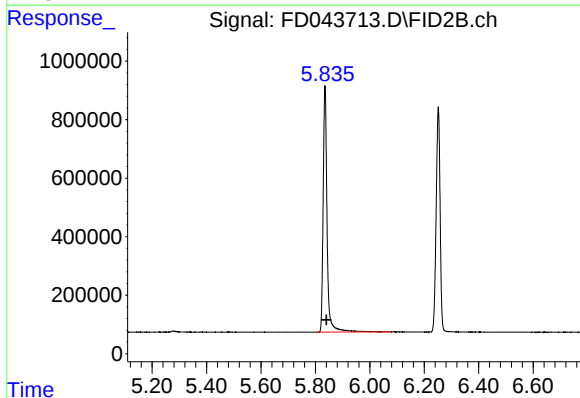
#1 n-Nonane (C9)

R.T.: 3.192 min
Delta R.T.: -0.006 min
Response: 7594527
Conc: 49.57 ug/ml



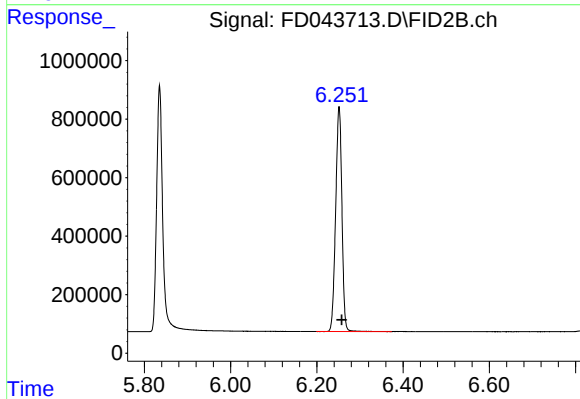
#2 n-Decane (C10)

R.T.: 4.248 min
Delta R.T.: -0.006 min
Response: 7630358
Conc: 49.93 ug/ml



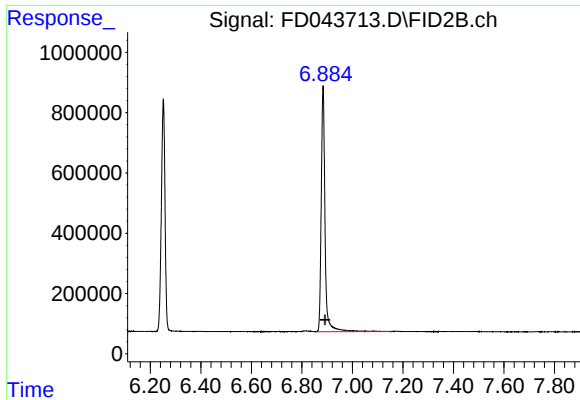
#3 A~Naphthalene (C11.7)

R.T.: 5.835 min
Delta R.T.: -0.006 min
Response: 8449717
Conc: 50.28 ug/ml



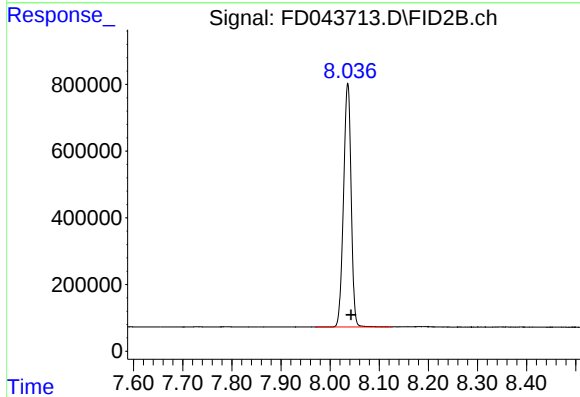
#4 n-Dodecane (C12)

R.T.: 6.252 min
Delta R.T.: -0.006 min
Response: 7728155
Conc: 49.63 ug/ml



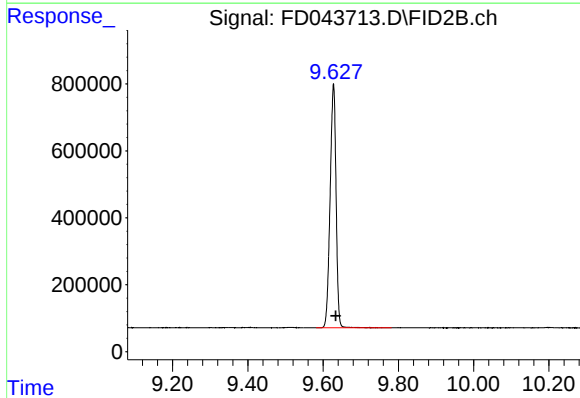
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.884 min
Delta R.T.: -0.007 min
Response: 8515545
Conc: 50.25 ug/ml



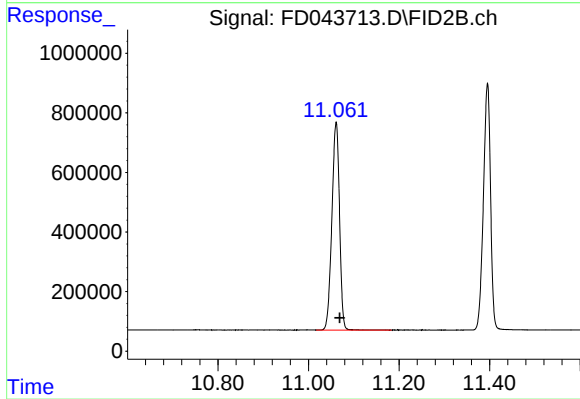
#6 n-Tetradecane (C14)

R.T.: 8.036 min
Delta R.T.: -0.006 min
Response: 7842747
Conc: 49.62 ug/ml



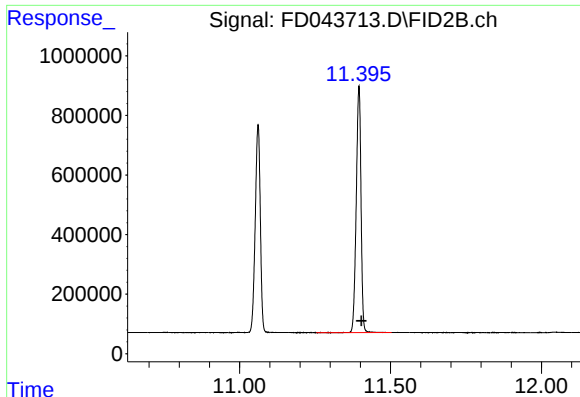
#7 n-Hexadecane (C16)

R.T.: 9.628 min
Delta R.T.: -0.006 min
Response: 7993718
Conc: 49.62 ug/ml



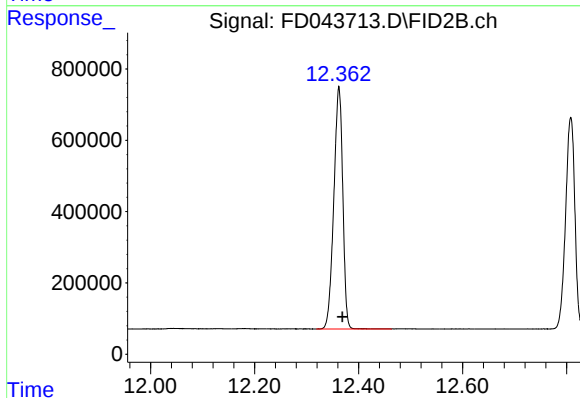
#8 n-Octadecane (C18)

R.T.: 11.061 min
Delta R.T.: -0.008 min
Response: 8154072
Conc: 49.45 ug/ml



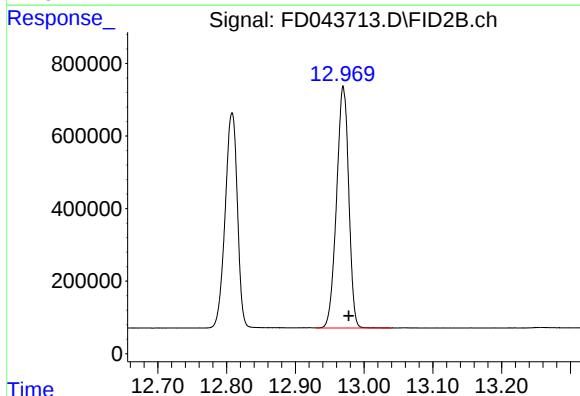
#9 ortho-Terphenyl (SURR)

R.T.: 11.395 min
Delta R.T.: -0.008 min
Response: 9081727
Conc: 49.12 ug/ml



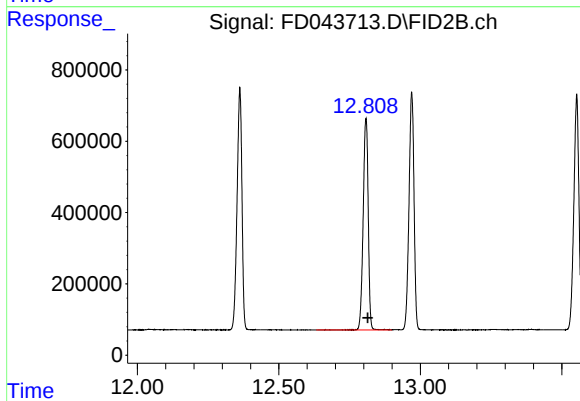
#10 n-Eicosane (C20)

R.T.: 12.362 min
Delta R.T.: -0.007 min
Response: 8129707
Conc: 49.02 ug/ml



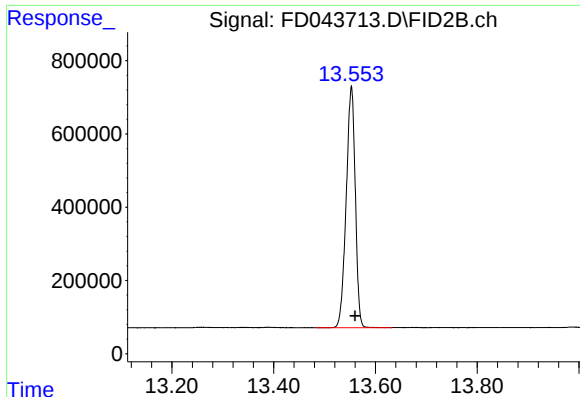
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: -0.008 min
Response: 8192601
Conc: 48.82 ug/ml



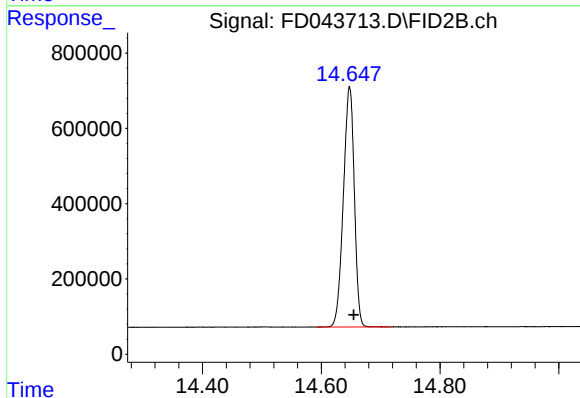
#12 1-chlorooctadecane (SURR)

R.T.: 12.808 min
Delta R.T.: -0.007 min
Response: 7352156
Conc: 49.09 ug/ml



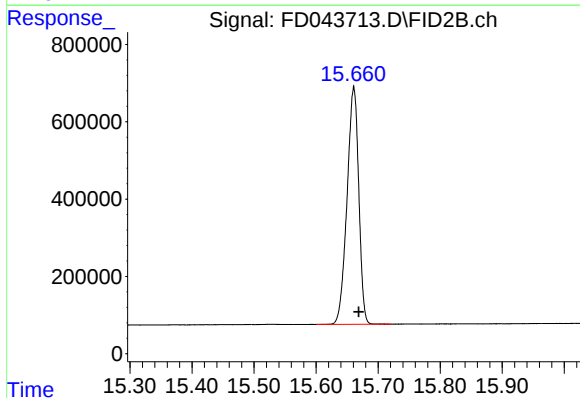
#13 n-Docosane (C22)

R.T.: 13.553 min
Delta R.T.: -0.007 min
Response: 8169985
Conc: 48.72 ug/ml



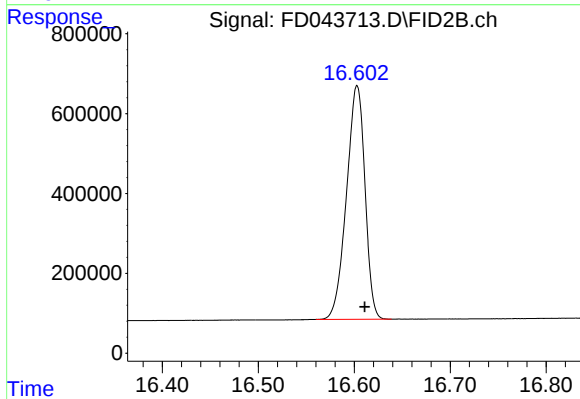
#14 n-Tetracosane (C24)

R.T.: 14.648 min
Delta R.T.: -0.007 min
Response: 8179614
Conc: 48.65 ug/ml



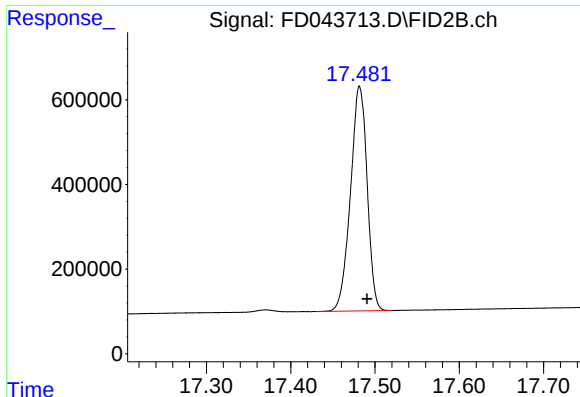
#15 n-Hexacosane (C26)

R.T.: 15.661 min
Delta R.T.: -0.008 min
Response: 8049456
Conc: 48.53 ug/ml



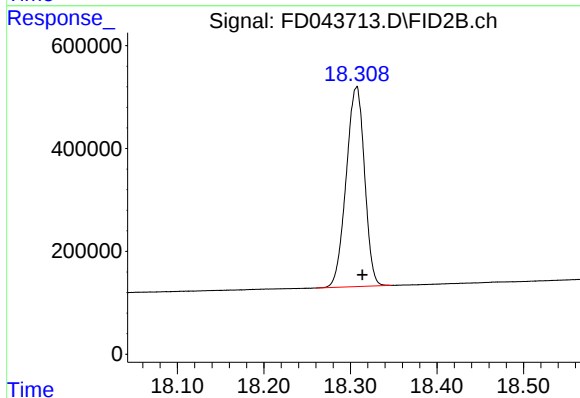
#16 n-Octacosane (C28)

R.T.: 16.603 min
Delta R.T.: -0.008 min
Response: 7852335
Conc: 48.48 ug/ml



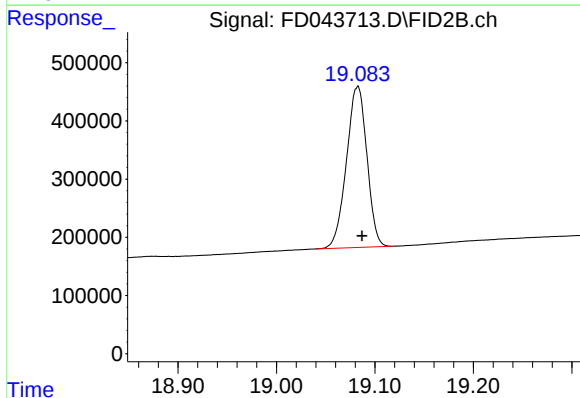
#17 n-Tricontane (C30)

R.T.: 17.482 min
Delta R.T.: -0.009 min
Response: 7297551
Conc: 48.35 ug/ml



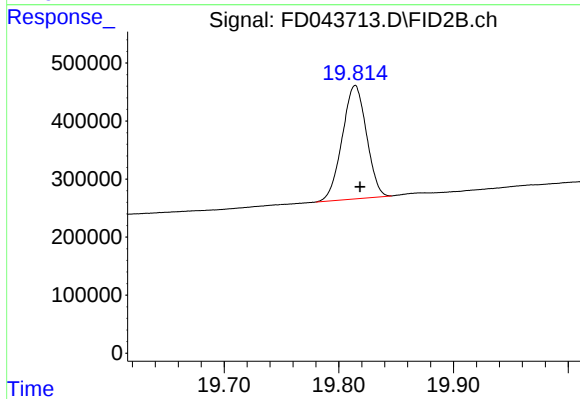
#18 n-Dotriacontane (C32)

R.T.: 18.307 min
Delta R.T.: -0.007 min
Response: 5730853
Conc: 48.44 ug/ml



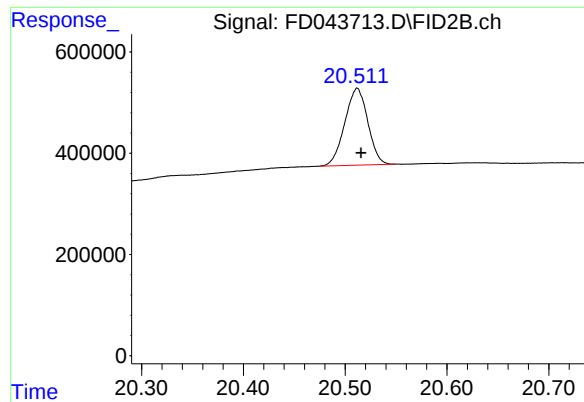
#19 n-Tetratriacontane (C34)

R.T.: 19.083 min
Delta R.T.: -0.004 min
Response: 3990809
Conc: 48.35 ug/ml



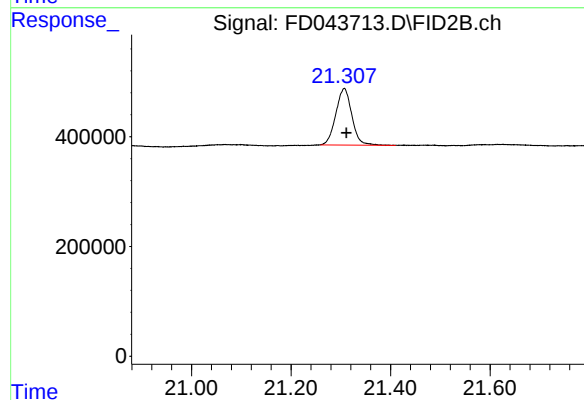
#20 n-Hexatriacontane (C36)

R.T.: 19.814 min
Delta R.T.: -0.004 min
Response: 2870212
Conc: 48.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.512 min
Delta R.T.: -0.004 min
Response: 2387124
Conc: 48.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.307 min
Delta R.T.: -0.004 min
Response: 2294082
Conc: 50.32 ug/ml