

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081522AL\
 Data File : FD043591.D
 Signal(s) : FID2B.ch
 Acq On : 15 Aug 2022 14:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 16 07:05:36 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)	11.522	2633570	16.637 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
12) S 1-chlorooctadecane (S...	12.959	2022874	16.505 ug/ml
Spiked Amount 50.000		Recovery =	33.01%
Target Compounds			
1) T n-Nonane (C9)	3.306	2581472	18.417 ug/ml
2) T n-Decane (C10)	4.368	2621867	18.647 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2759592	18.162 ug/ml
4) T n-Dodecane (C12)	6.381	2627828	18.463 ug/ml
5) T A~2-methylnaphthalene...	7.000	2708711	18.103 ug/ml
6) T n-Tetradecane (C14)	8.173	2600649	18.334 ug/ml
7) T n-Hexadecane (C16)	9.770	2588618	18.252 ug/ml
8) T n-Octadecane (C18)	11.209	2554596	17.866 ug/ml
10) T n-Eicosane (C20)	12.516	2510371	17.338 ug/ml
11) T n-Heneicosane (C21)	13.127	2433084	16.752 ug/ml
13) T n-Docosane (C22)	13.711	2493815	17.190 ug/ml
14) T n-Tetracosane (C24)	14.812	2552371	17.618 ug/ml
15) T n-Hexacosane (C26)	15.831	2554751	17.761 ug/ml
16) T n-Octacosane (C28)	16.776	2546158	17.999 ug/ml
17) T n-Tricontane (C30)	17.661	2696697	19.106 ug/ml
18) T n-Dotriacontane (C32)	18.492	2690565	19.456 ug/ml
19) T n-Tetratriacontane (C34)	19.272	2435805	18.928 ug/ml
20) T n-Hexatriacontane (C36)	20.009	2342763	18.993 ug/ml
21) T n-Octatriacontane (C38)	20.730	2224732	18.814 ug/ml
22) T n-Tetracontane (C40)	21.606	2136739	18.897 ug/ml

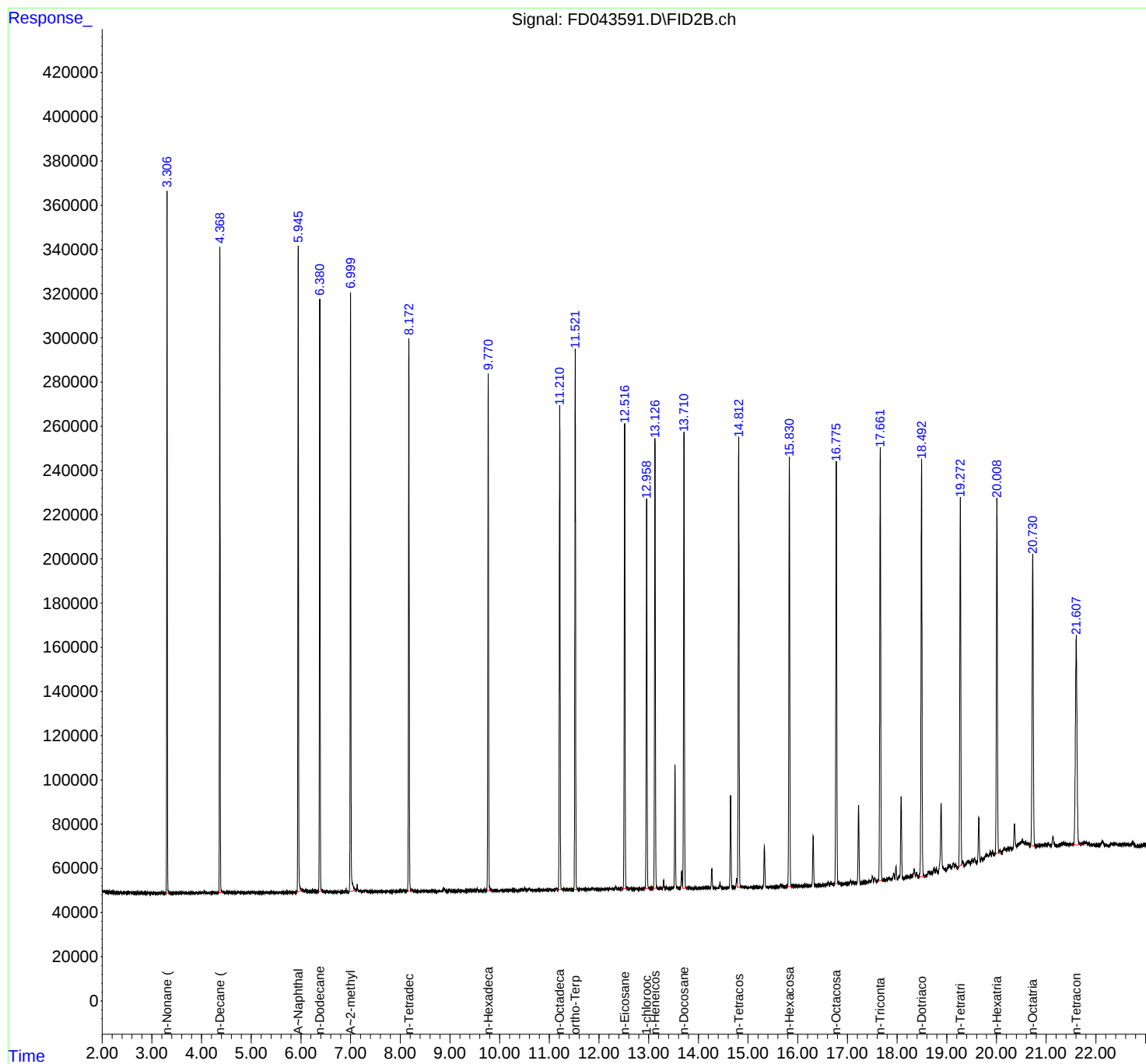
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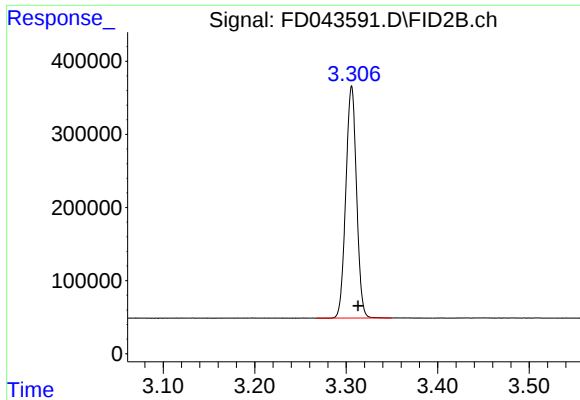
(m)=manual int.

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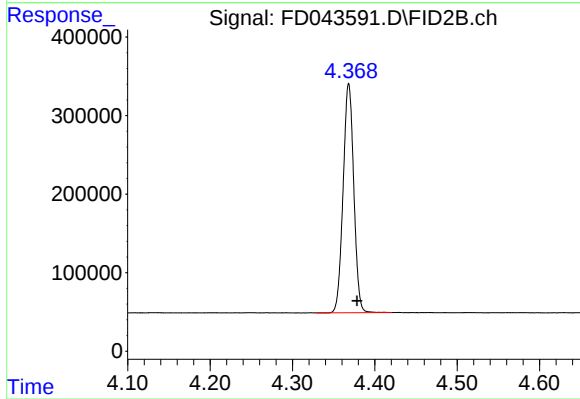
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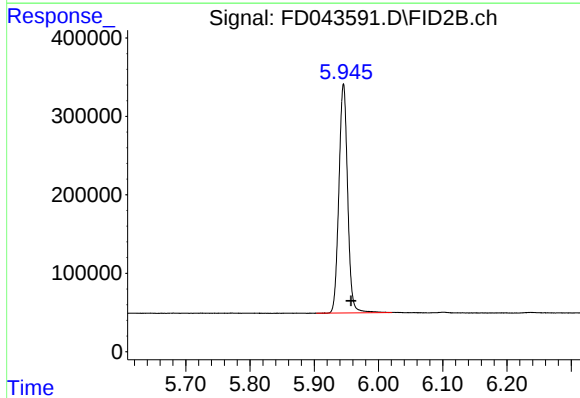
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.007 min
Response: 2581472
Conc: 18.42 ug/ml



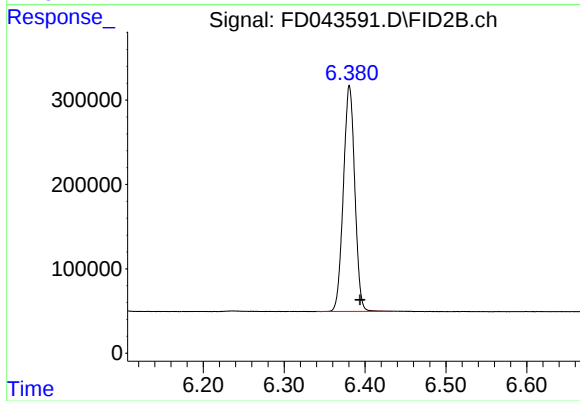
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.010 min
Response: 2621867
Conc: 18.65 ug/ml



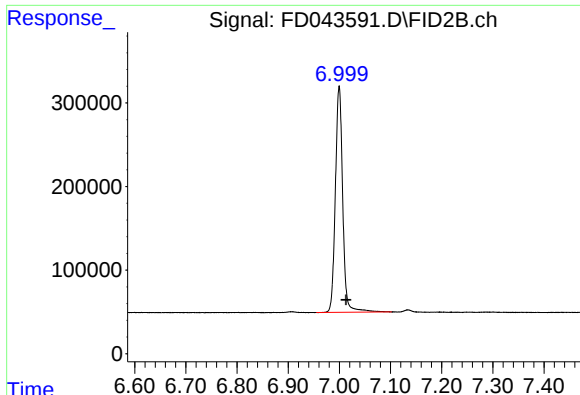
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.012 min
Response: 2759592
Conc: 18.16 ug/ml



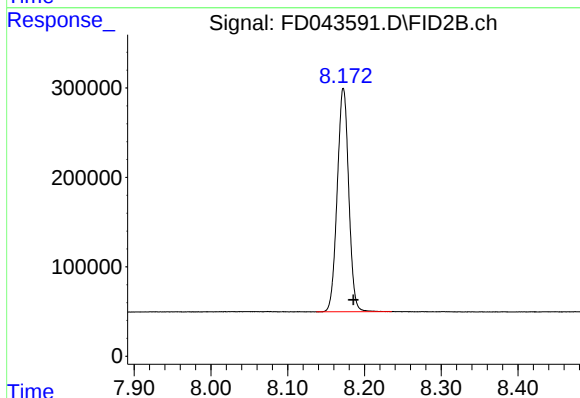
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.013 min
Response: 2627828
Conc: 18.46 ug/ml



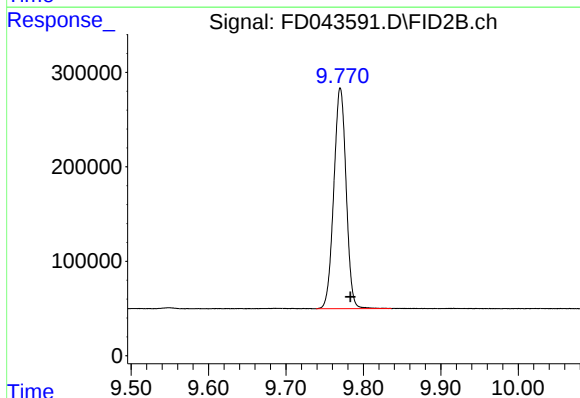
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.013 min
Response: 2708711
Conc: 18.10 ug/ml



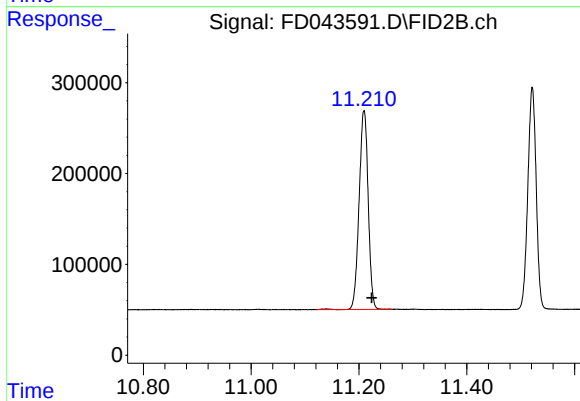
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.013 min
Response: 2600649
Conc: 18.33 ug/ml



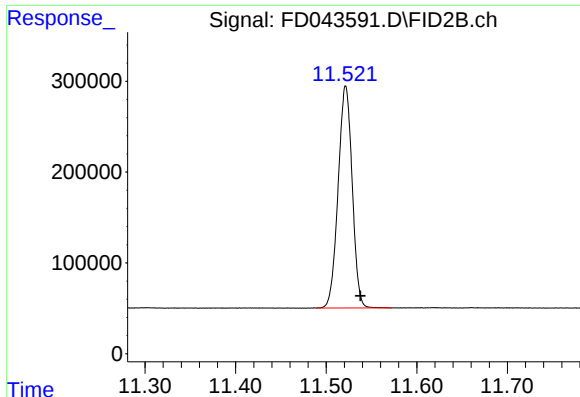
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.013 min
Response: 2588618
Conc: 18.25 ug/ml



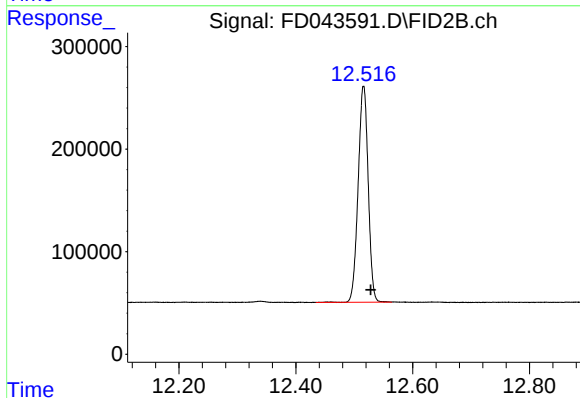
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.014 min
Response: 2554596
Conc: 17.87 ug/ml



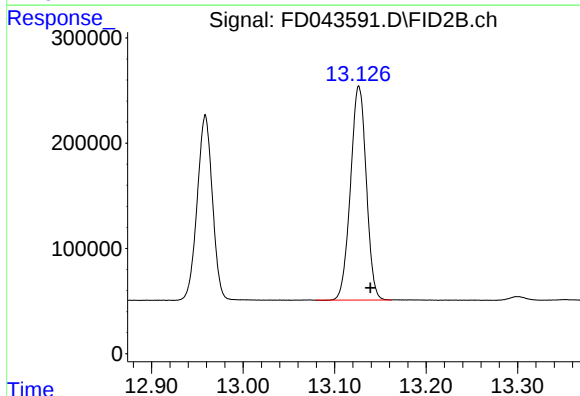
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.016 min
Response: 2633570
Conc: 16.64 ug/ml



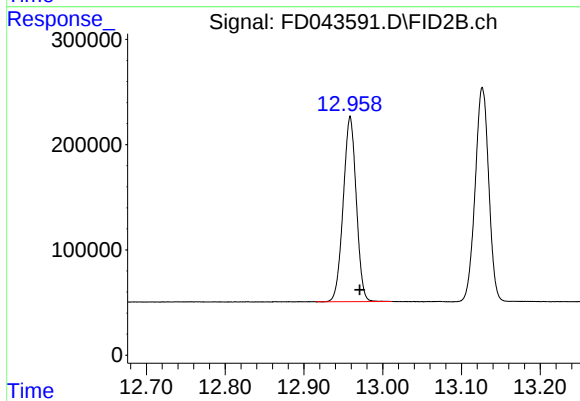
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.012 min
Response: 2510371
Conc: 17.34 ug/ml



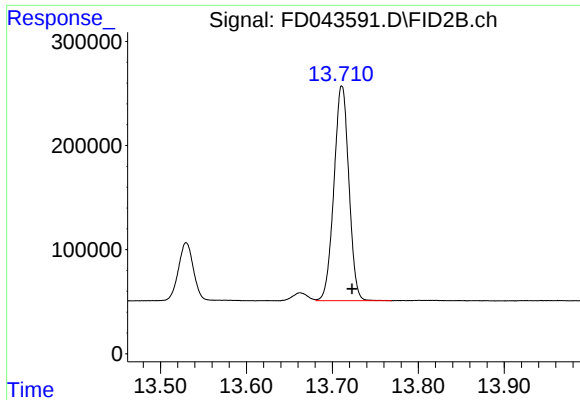
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.013 min
Response: 2433084
Conc: 16.75 ug/ml



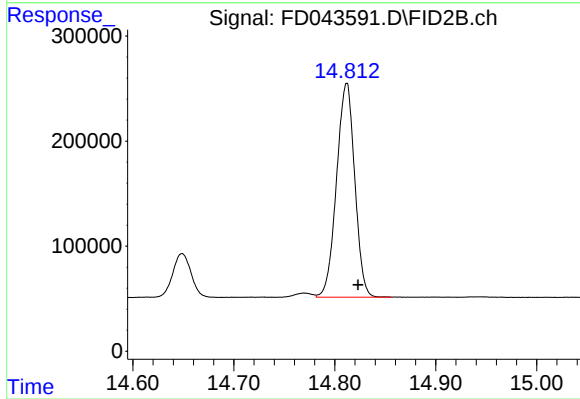
#12 1-chlorooctadecane (SURR)

R.T.: 12.959 min
Delta R.T.: -0.012 min
Response: 2022874
Conc: 16.51 ug/ml



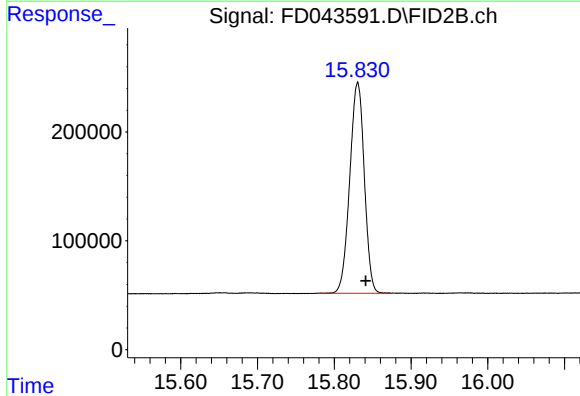
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.012 min
Response: 2493815
Conc: 17.19 ug/ml



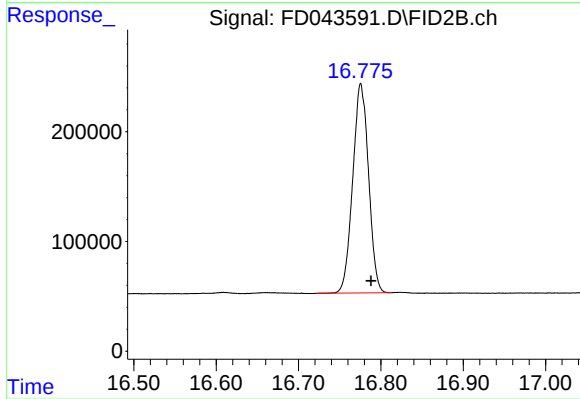
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.011 min
Response: 2552371
Conc: 17.62 ug/ml



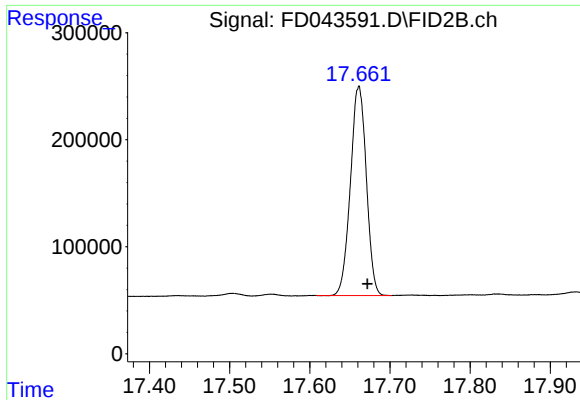
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.011 min
Response: 2554751
Conc: 17.76 ug/ml



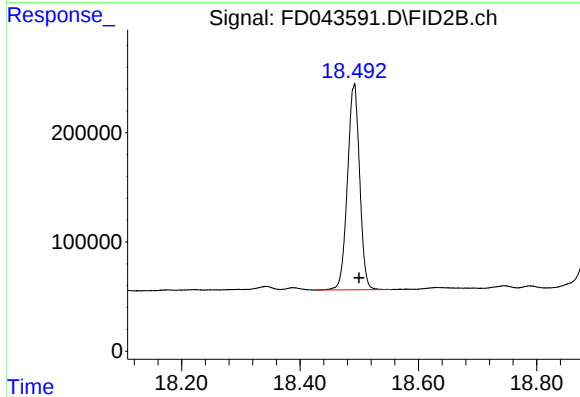
#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: -0.012 min
Response: 2546158
Conc: 18.00 ug/ml



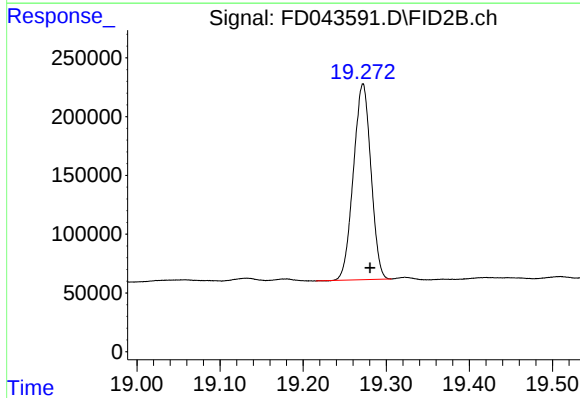
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.011 min
Response: 2696697
Conc: 19.11 ug/ml



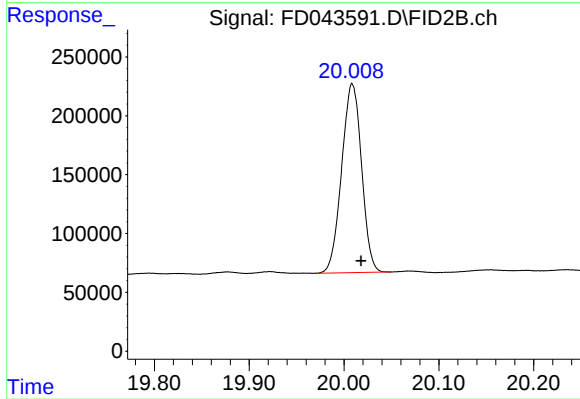
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: -0.008 min
Response: 2690565
Conc: 19.46 ug/ml



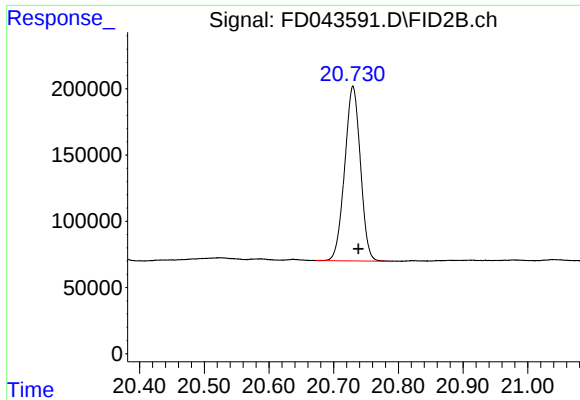
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.009 min
Response: 2435805
Conc: 18.93 ug/ml



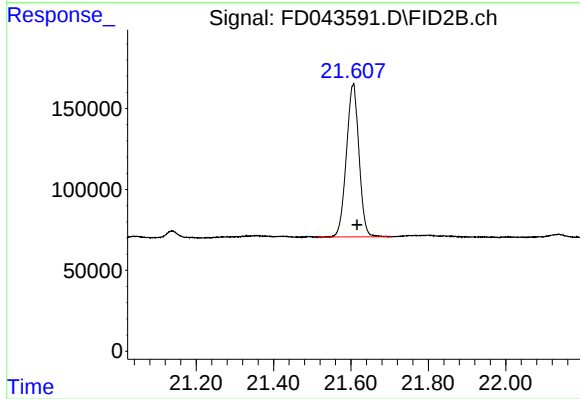
#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: -0.009 min
Response: 2342763
Conc: 18.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.008 min
Response: 2224732
Conc: 18.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: -0.010 min
Response: 2136739
Conc: 18.90 ug/ml