

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022723AL\
 Data File : FD045168.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2023 13:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:39:17 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			
9) S ortho-Terphenyl (SURR)	11.448	2848570	18.491 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
12) S 1-chlorooctadecane (S...	12.882	2106318	18.212 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.261	2478877	18.232 ug/ml
2) T n-Decane (C10)	4.320	2469923	18.491 ug/ml
3) T A~Naphthalene (C11.7)	5.888	2866423	18.289 ug/ml
4) T n-Dodecane (C12)	6.326	2505193	18.528 ug/ml
5) T A~2-methylnaphthalene...	6.938	2706942	18.326 ug/ml
6) T n-Tetradecane (C14)	8.112	2529333	18.625 ug/ml
7) T n-Hexadecane (C16)	9.706	2588154	18.596 ug/ml
8) T n-Octadecane (C18)	11.140	2614065	18.632 ug/ml
10) T n-Eicosane (C20)	12.442	2548506	18.812 ug/ml
11) T n-Heneicosane (C21)	13.050	2507028	18.386 ug/ml
13) T n-Docosane (C22)	13.633	2519992	18.820 ug/ml
14) T n-Tetracosane (C24)	14.729	2569353	19.619 ug/ml
15) T n-Hexacosane (C26)	15.744	2538800	20.160 ug/ml
16) T n-Octacosane (C28)	16.687	2563586	20.917 ug/ml
17) T n-Tricontane (C30)	17.569	2549496	21.533 ug/ml
18) T n-Dotriacontane (C32)	18.395	2508112	21.425 ug/ml
19) T n-Tetratriacontane (C34)	19.172	2272397	19.767 ug/ml
20) T n-Hexatriacontane (C36)	19.907	2087631	19.007 ug/ml
21) T n-Octatriacontane (C38)	20.611	1998948	18.546 ug/ml
22) T n-Tetracontane (C40)	21.448	1885268	17.585 ug/ml

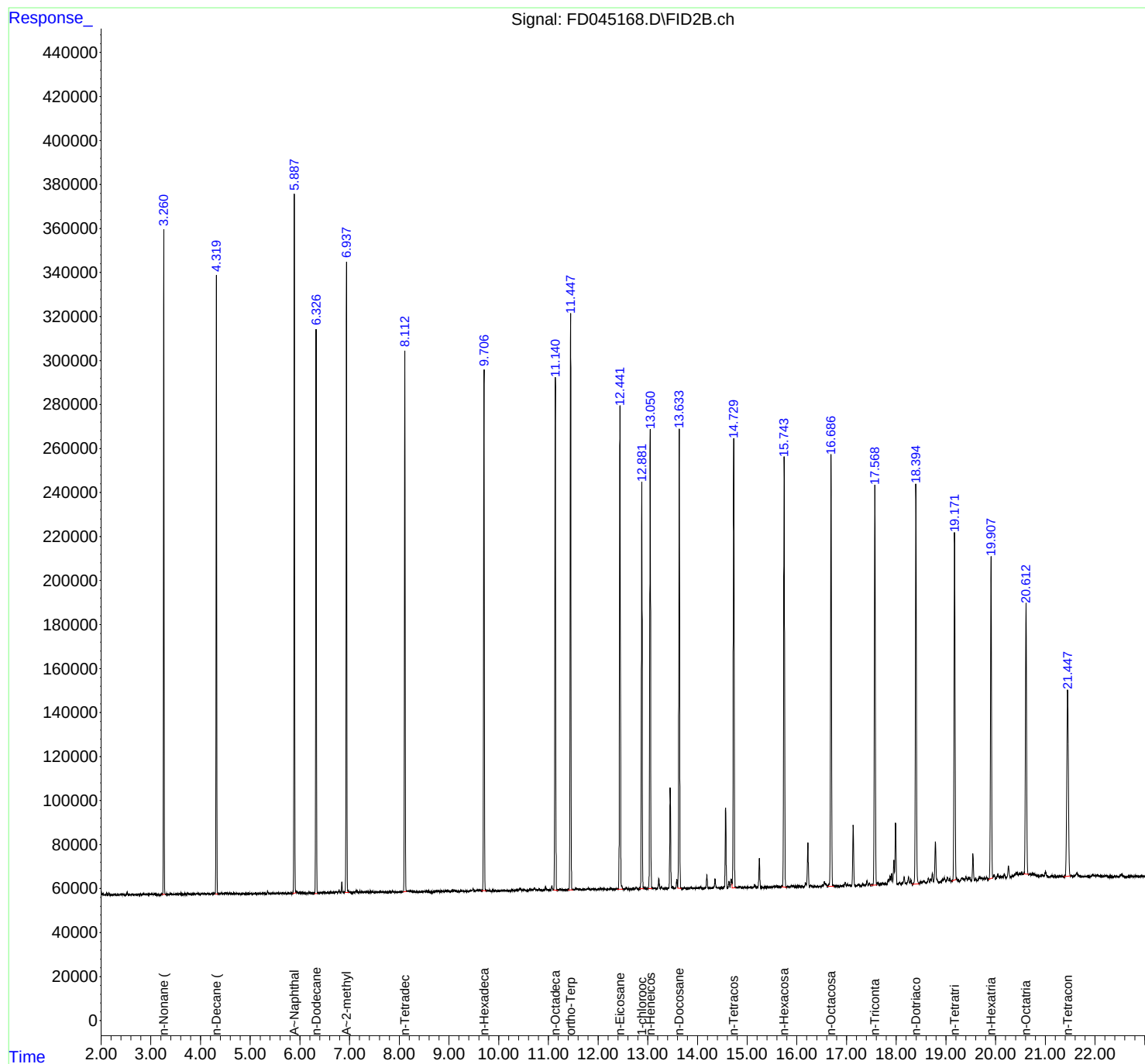
(f)=RT Delta > 1/2 Window

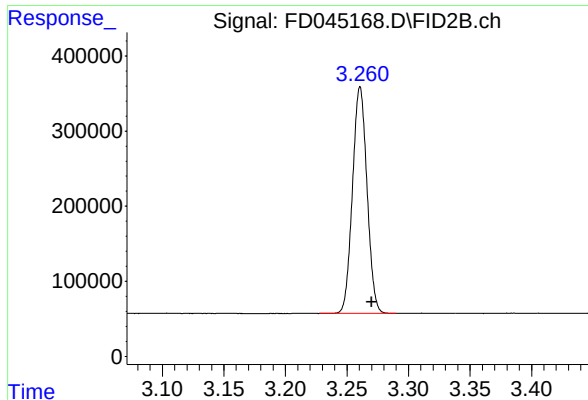
(m)=manual int.

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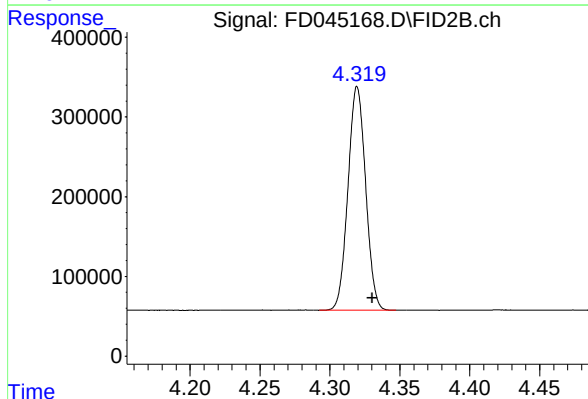
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Signal Info : 20M x 0.18mm x 0.18um





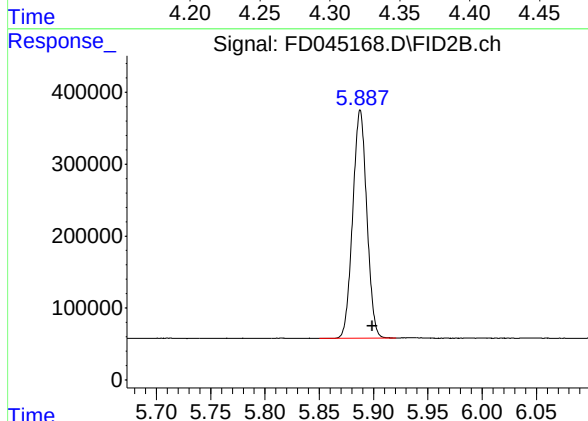
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.009 min
Response: 2478877
Conc: 18.23 ug/ml



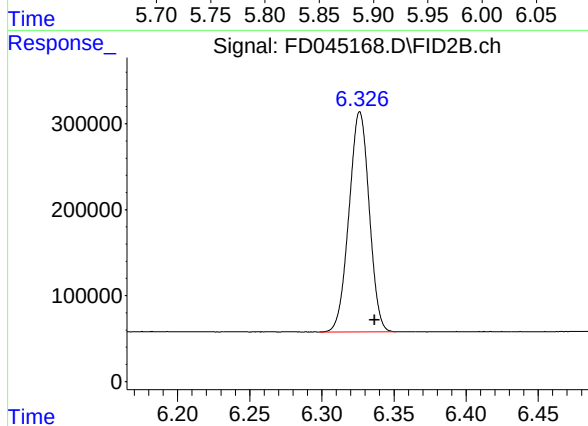
#2 n-Decane (C10)

R.T.: 4.320 min
Delta R.T.: -0.011 min
Response: 2469923
Conc: 18.49 ug/ml



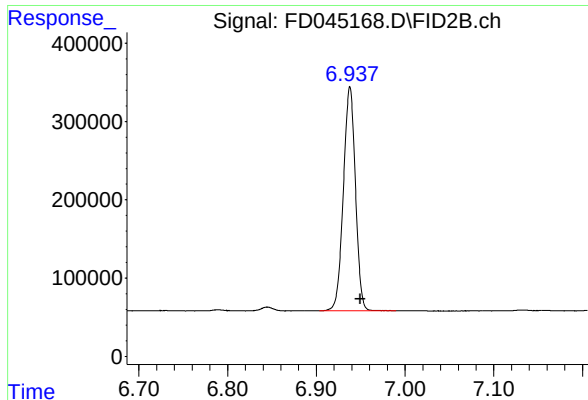
#3 A~Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.011 min
Response: 2866423
Conc: 18.29 ug/ml



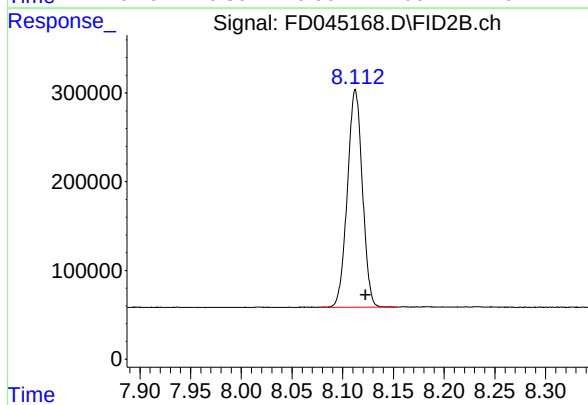
#4 n-Dodecane (C12)

R.T.: 6.326 min
Delta R.T.: -0.010 min
Response: 2505193
Conc: 18.53 ug/ml



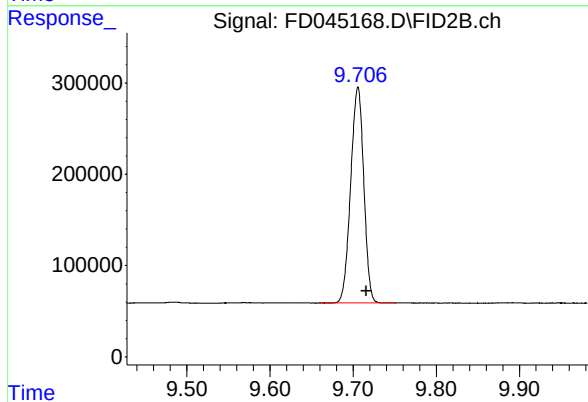
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: -0.012 min
Response: 2706942
Conc: 18.33 ug/ml



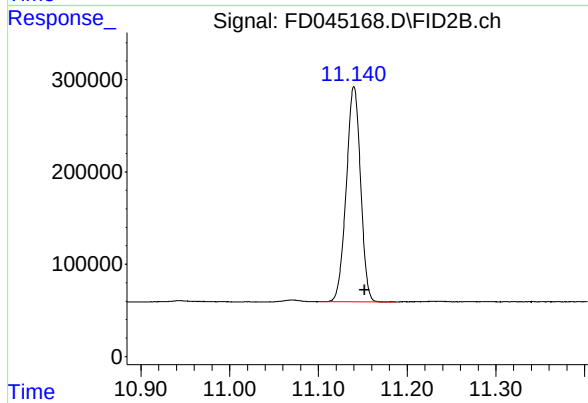
#6 n-Tetradecane (C14)

R.T.: 8.112 min
Delta R.T.: -0.010 min
Response: 2529333
Conc: 18.62 ug/ml



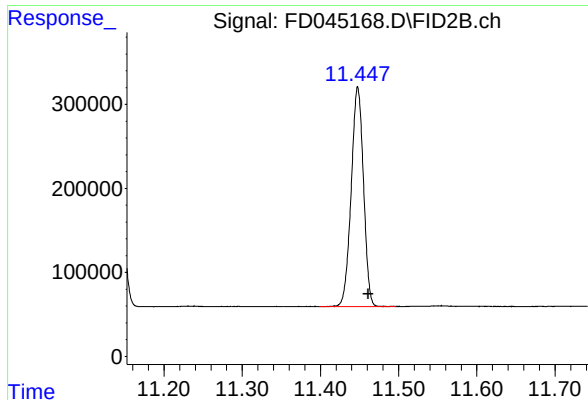
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.010 min
Response: 2588154
Conc: 18.60 ug/ml



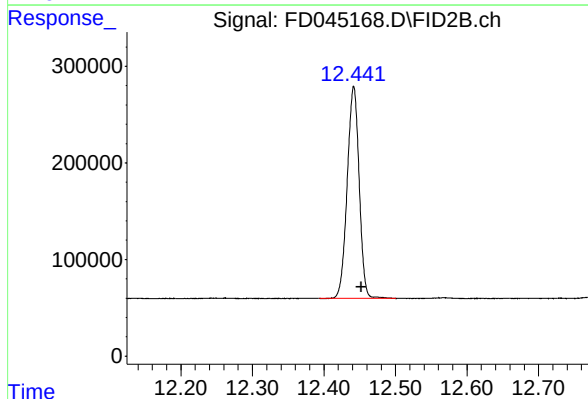
#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: -0.012 min
Response: 2614065
Conc: 18.63 ug/ml



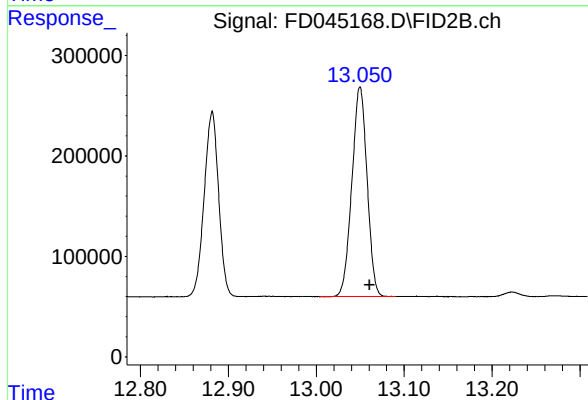
#9 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: -0.013 min
Response: 2848570
Conc: 18.49 ug/ml



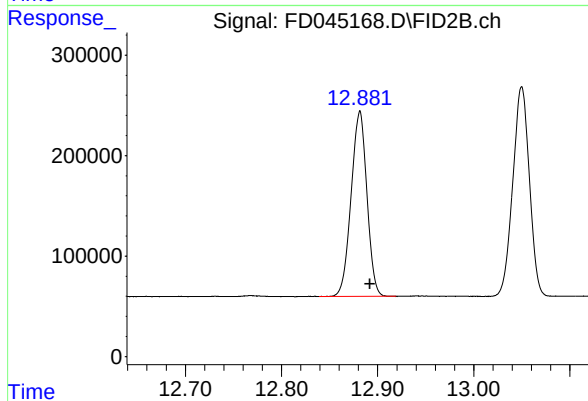
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: -0.010 min
Response: 2548506
Conc: 18.81 ug/ml



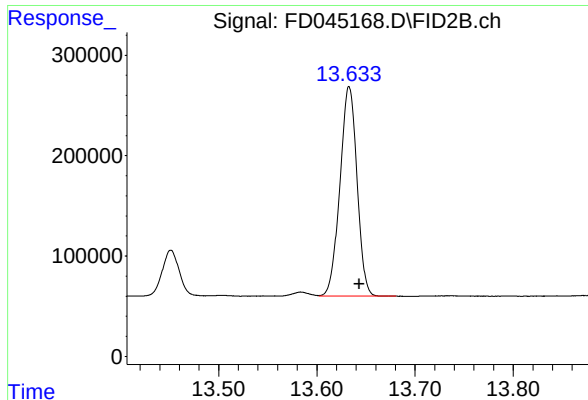
#11 n-Heneicosane (C21)

R.T.: 13.050 min
Delta R.T.: -0.011 min
Response: 2507028
Conc: 18.39 ug/ml



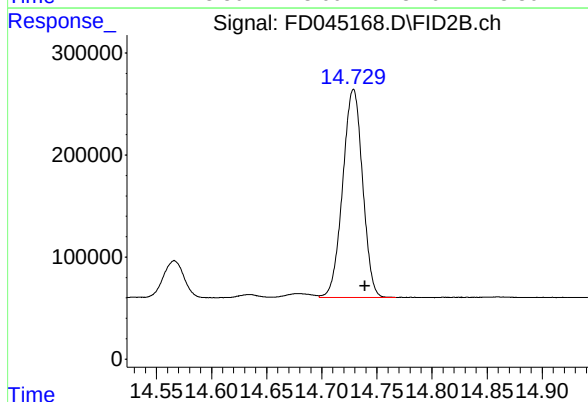
#12 1-chlorooctadecane (SURR)

R.T.: 12.882 min
Delta R.T.: -0.011 min
Response: 2106318
Conc: 18.21 ug/ml



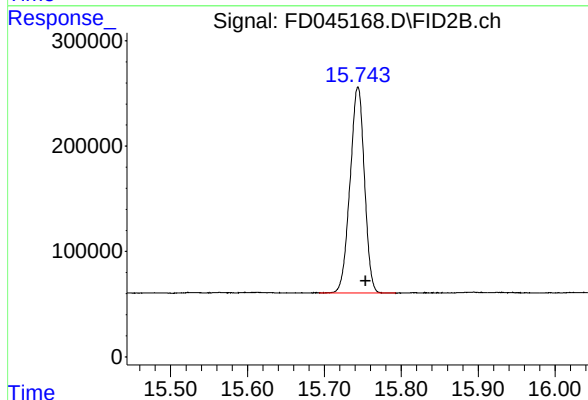
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.010 min
Response: 2519992
Conc: 18.82 ug/ml



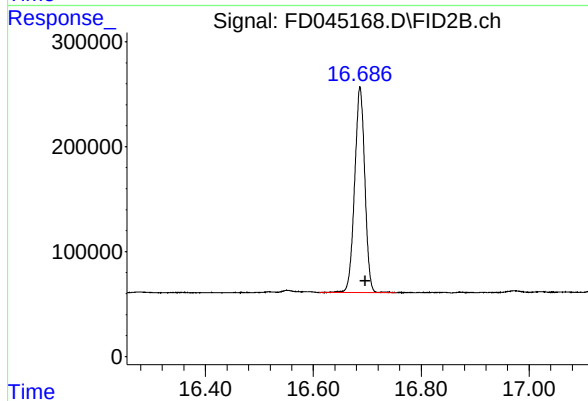
#14 n-Tetracosane (C24)

R.T.: 14.729 min
Delta R.T.: -0.010 min
Response: 2569353
Conc: 19.62 ug/ml



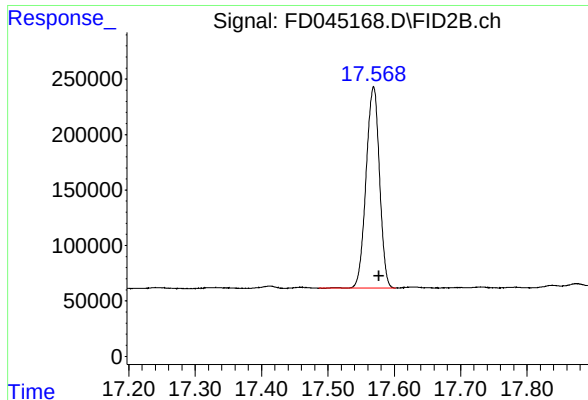
#15 n-Hexacosane (C26)

R.T.: 15.744 min
Delta R.T.: -0.010 min
Response: 2538800
Conc: 20.16 ug/ml



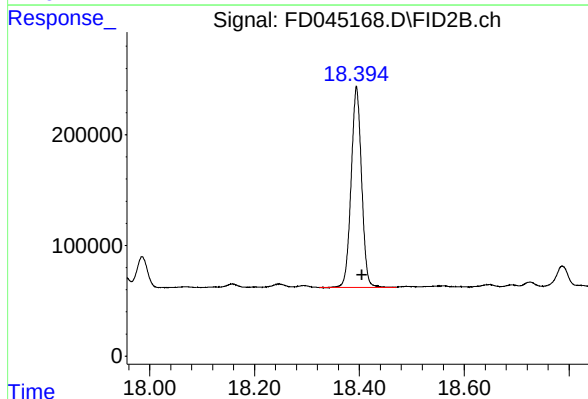
#16 n-Octacosane (C28)

R.T.: 16.687 min
Delta R.T.: -0.010 min
Response: 2563586
Conc: 20.92 ug/ml



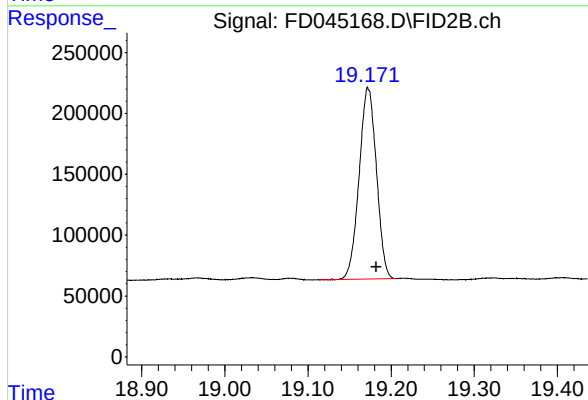
#17 n-Tricontane (C30)

R.T.: 17.569 min
Delta R.T.: -0.008 min
Response: 2549496
Conc: 21.53 ug/ml



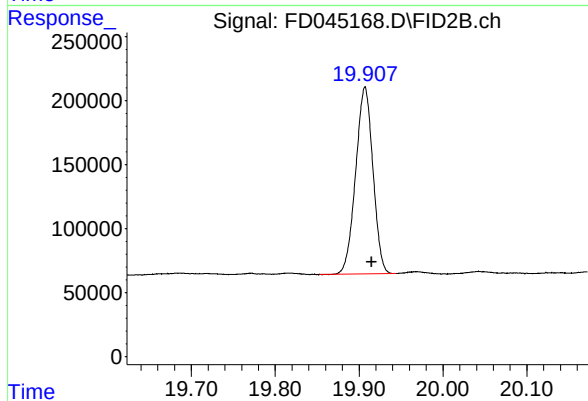
#18 n-Dotriacontane (C32)

R.T.: 18.395 min
Delta R.T.: -0.010 min
Response: 2508112
Conc: 21.43 ug/ml



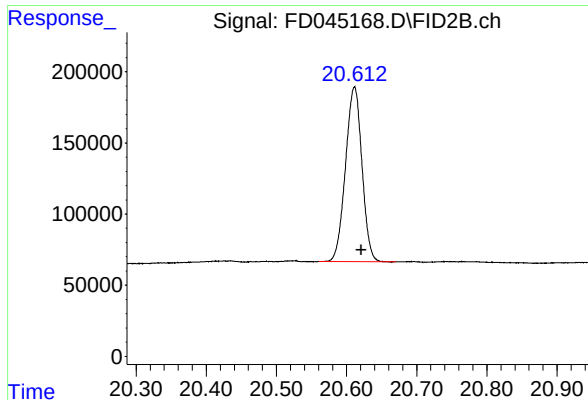
#19 n-Tetatriacontane (C34)

R.T.: 19.172 min
Delta R.T.: -0.010 min
Response: 2272397
Conc: 19.77 ug/ml



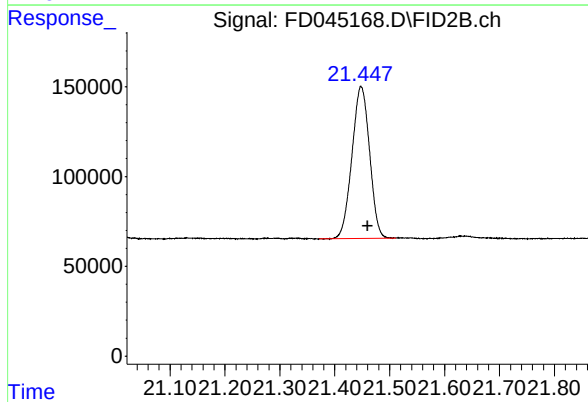
#20 n-Hexatriacontane (C36)

R.T.: 19.907 min
Delta R.T.: -0.008 min
Response: 2087631
Conc: 19.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.010 min
Response: 1998948
Conc: 18.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.448 min
Delta R.T.: -0.012 min
Response: 1885268
Conc: 17.59 ug/ml