

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080522AL\
 Data File : FC060994.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2022 13:45
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 08 08:06:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.629	2984749	18.188 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
12) S 1-chlorooctadecane (S...	11.994	2385966	17.973 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
Target Compounds			
1) T n-Nonane (C9)	2.613	2736251	19.428 ug/ml
2) T n-Decane (C10)	3.613	2864448	20.306 ug/ml
3) T A~Naphthalene (C11.7)	5.158	2999095	21.099 ug/ml
4) T n-Dodecane (C12)	5.563	2976172	20.080 ug/ml
5) T A~2-methylnaphthalene...	6.184	2924351	21.322 ug/ml
6) T n-Tetradecane (C14)	7.312	2956729	19.694 ug/ml
7) T n-Hexadecane (C16)	8.873	2949988	19.276 ug/ml
8) T n-Octadecane (C18)	10.279	2959102	18.950 ug/ml
10) T n-Eicosane (C20)	11.557	2886038	18.390 ug/ml
11) T n-Heneicosane (C21)	12.155	2829740	18.085 ug/ml
13) T n-Docosane (C22)	12.726	2801100	17.965 ug/ml
14) T n-Tetracosane (C24)	13.803	2684943	17.587 ug/ml
15) T n-Hexacosane (C26)	14.799	2582286	17.299 ug/ml
16) T n-Octacosane (C28)	15.726	2561475	17.876 ug/ml
17) T n-Tricontane (C30)	16.591	2780501	19.860 ug/ml
18) T n-Dotriacontane (C32)	17.402	2878691	21.330 ug/ml
19) T n-Tetratriacontane (C34)	18.167	2752943	21.950 ug/ml
20) T n-Hexatriacontane (C36)	18.887	2721449	22.264 ug/ml
21) T n-Octatriacontane (C38)	19.569	2512809	21.291 ug/ml
22) T n-Tetracontane (C40)	20.216	2503959	21.755 ug/ml

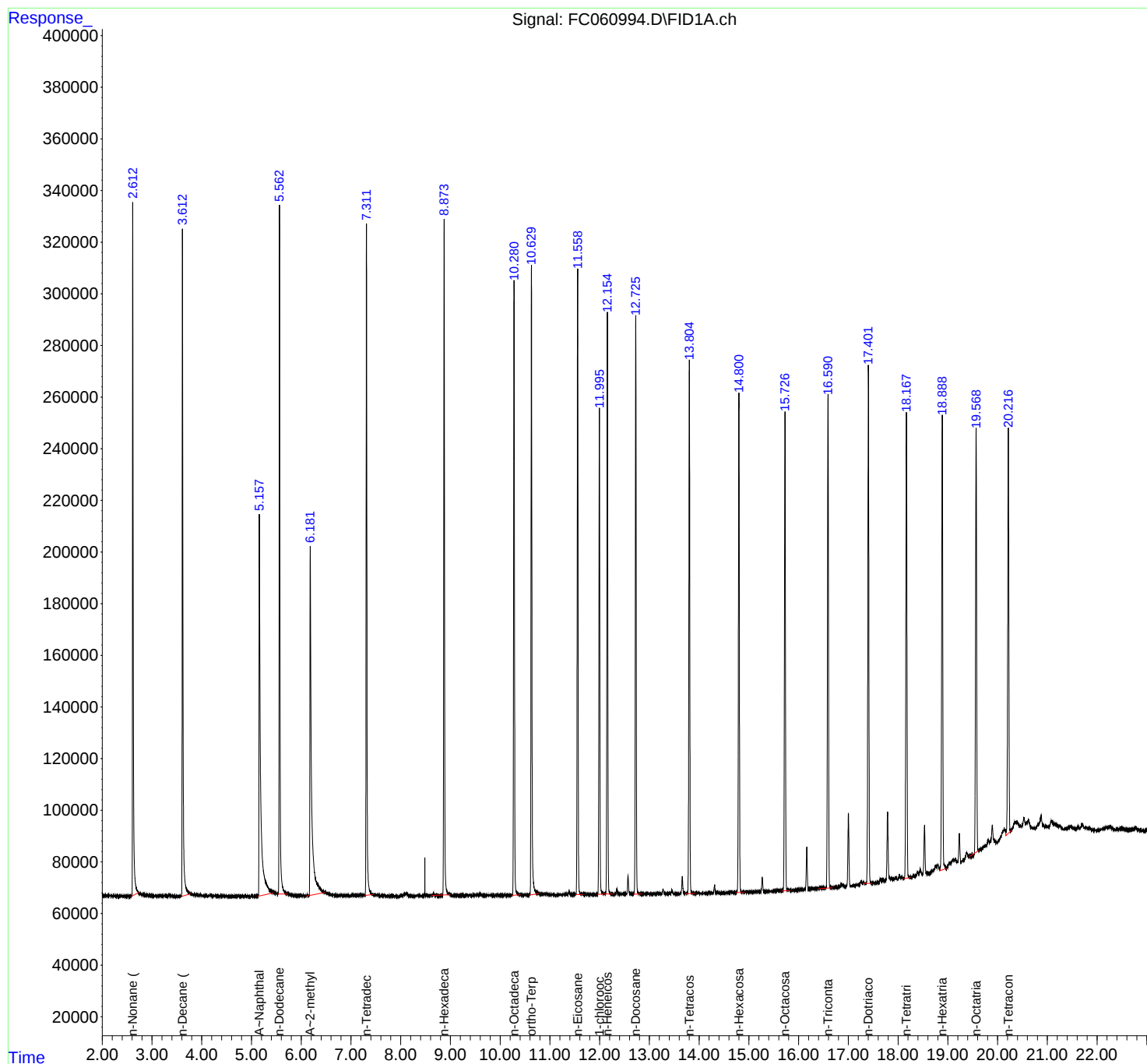
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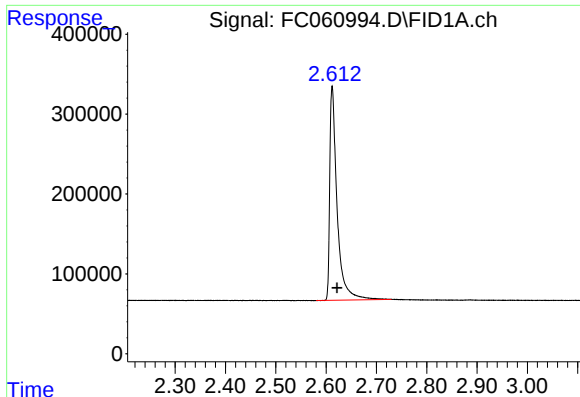
(m)=manual int.

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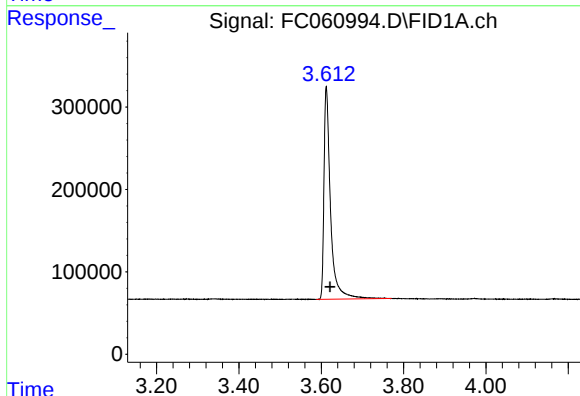
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





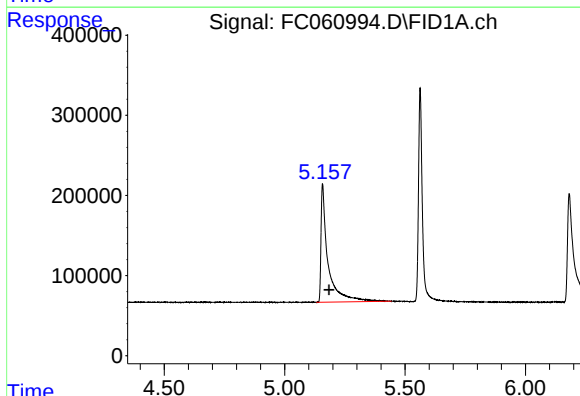
#1 n-Nonane (C9)

R.T.: 2.613 min
Delta R.T.: -0.009 min
Response: 2736251
Conc: 19.43 ug/ml



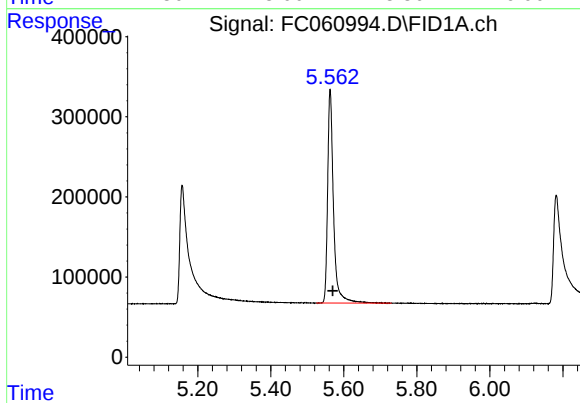
#2 n-Decane (C10)

R.T.: 3.613 min
Delta R.T.: -0.009 min
Response: 2864448
Conc: 20.31 ug/ml



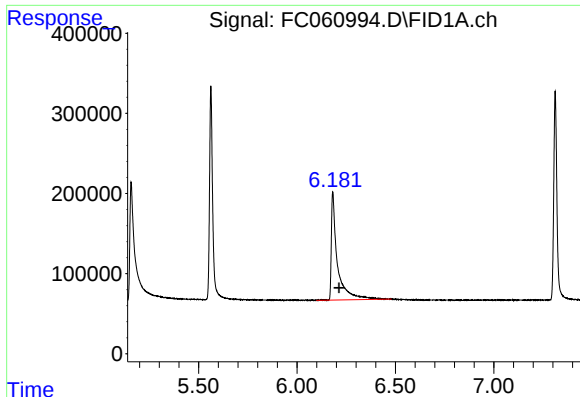
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min
Delta R.T.: -0.026 min
Response: 2999095
Conc: 21.10 ug/ml



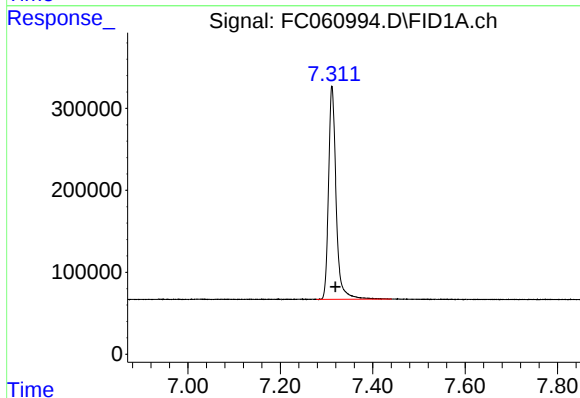
#4 n-Dodecane (C12)

R.T.: 5.563 min
Delta R.T.: -0.006 min
Response: 2976172
Conc: 20.08 ug/ml



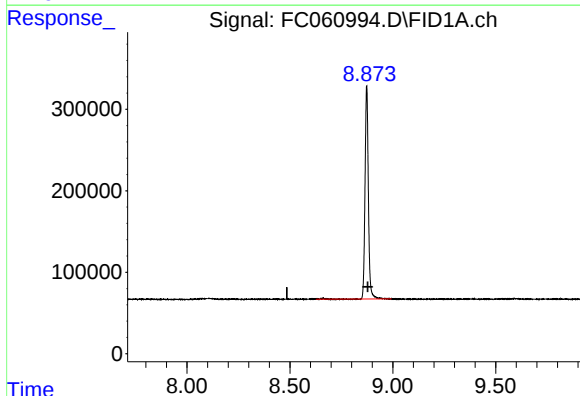
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.031 min
Response: 2924351
Conc: 21.32 ug/ml



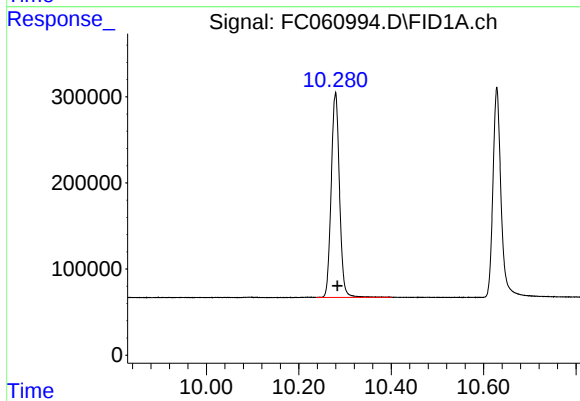
#6 n-Tetradecane (C14)

R.T.: 7.312 min
Delta R.T.: -0.007 min
Response: 2956729
Conc: 19.69 ug/ml



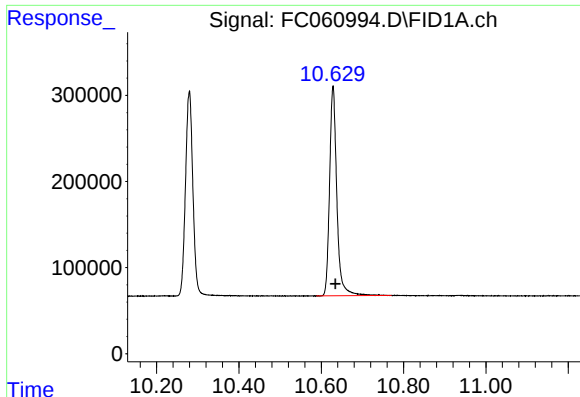
#7 n-Hexadecane (C16)

R.T.: 8.873 min
Delta R.T.: -0.005 min
Response: 2949988
Conc: 19.28 ug/ml



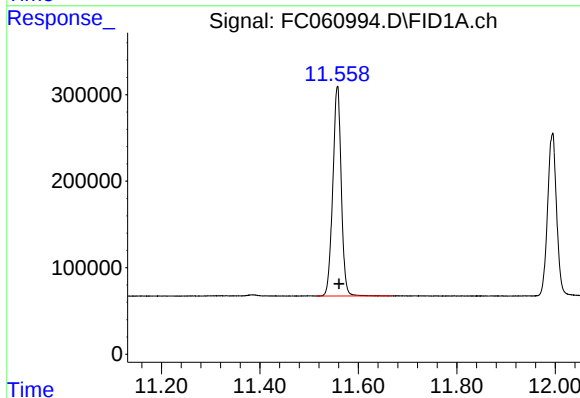
#8 n-Octadecane (C18)

R.T.: 10.279 min
Delta R.T.: -0.004 min
Response: 2959102
Conc: 18.95 ug/ml



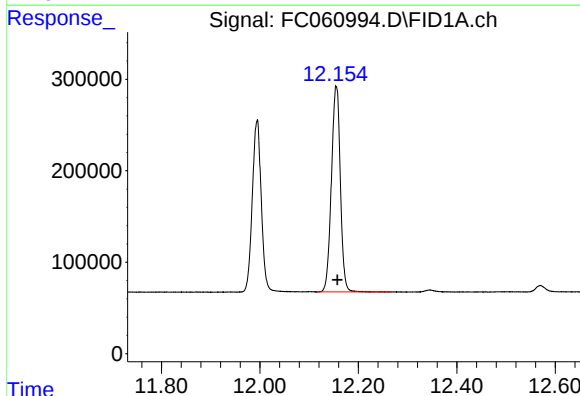
#9 ortho-Terphenyl (SURR)

R.T.: 10.629 min
Delta R.T.: -0.006 min
Response: 2984749
Conc: 18.19 ug/ml



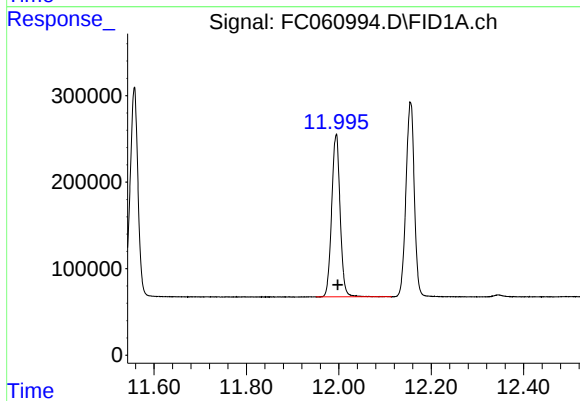
#10 n-Eicosane (C20)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 2886038
Conc: 18.39 ug/ml



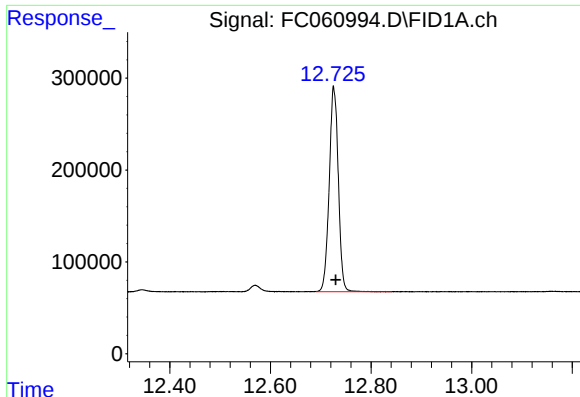
#11 n-Heneicosane (C21)

R.T.: 12.155 min
Delta R.T.: -0.003 min
Response: 2829740
Conc: 18.08 ug/ml



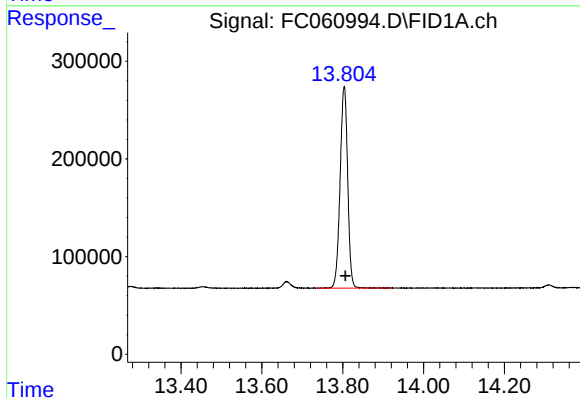
#12 1-chlorooctadecane (SURR)

R.T.: 11.994 min
Delta R.T.: -0.004 min
Response: 2385966
Conc: 17.97 ug/ml



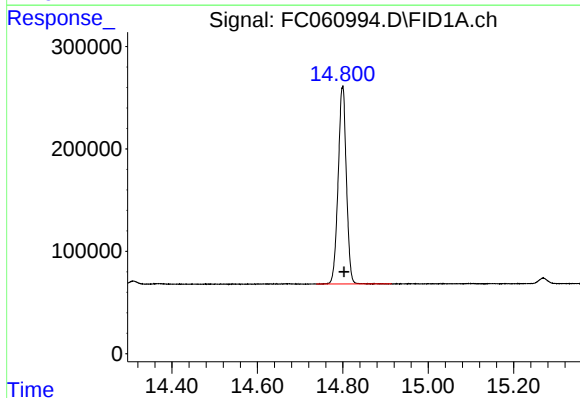
#13 n-Docosane (C22)

R.T.: 12.726 min
Delta R.T.: -0.004 min
Response: 2801100
Conc: 17.97 ug/ml



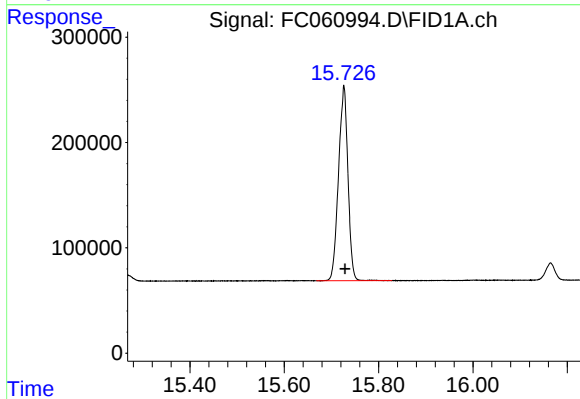
#14 n-Tetracosane (C24)

R.T.: 13.803 min
Delta R.T.: -0.003 min
Response: 2684943
Conc: 17.59 ug/ml



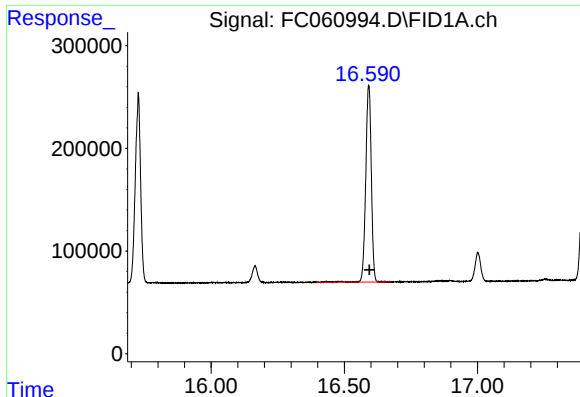
#15 n-Hexacosane (C26)

R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 2582286
Conc: 17.30 ug/ml



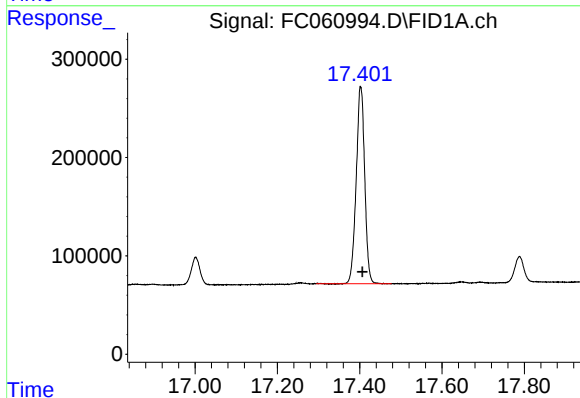
#16 n-Octacosane (C28)

R.T.: 15.726 min
Delta R.T.: -0.003 min
Response: 2561475
Conc: 17.88 ug/ml



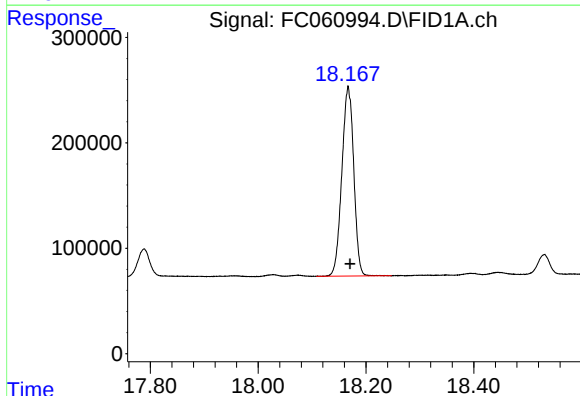
#17 n-Tricontane (C30)

R.T.: 16.591 min
Delta R.T.: -0.003 min
Response: 2780501
Conc: 19.86 ug/ml



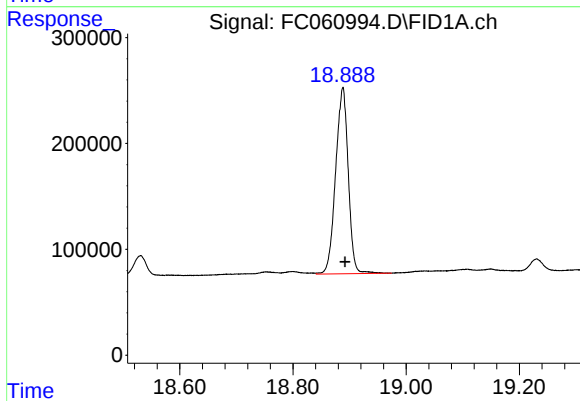
#18 n-Dotriacontane (C32)

R.T.: 17.402 min
Delta R.T.: -0.005 min
Response: 2878691
Conc: 21.33 ug/ml



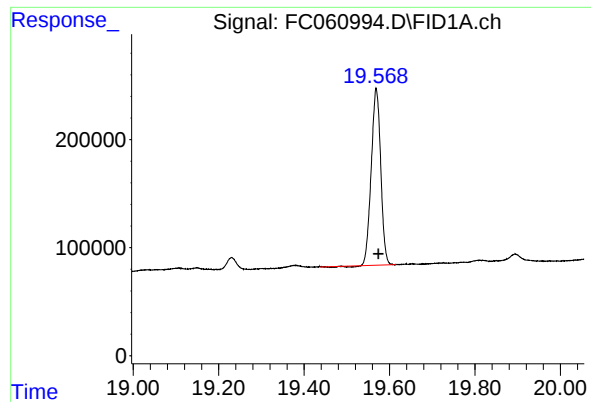
#19 n-Tetratriacontane (C34)

R.T.: 18.167 min
Delta R.T.: -0.004 min
Response: 2752943
Conc: 21.95 ug/ml



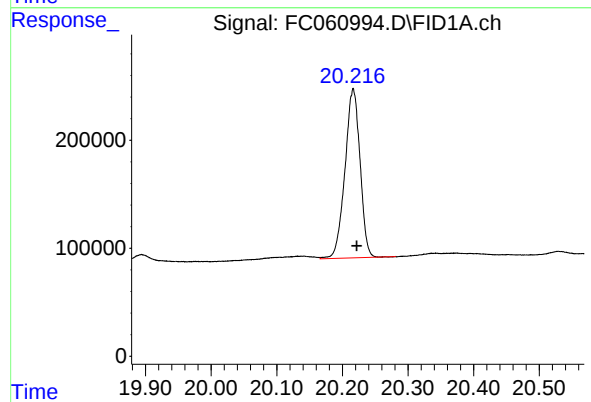
#20 n-Hexatriacontane (C36)

R.T.: 18.887 min
Delta R.T.: -0.005 min
Response: 2721449
Conc: 22.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.569 min
Delta R.T.: -0.005 min
Response: 2512809
Conc: 21.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 2503959
Conc: 21.76 ug/ml