

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072522AL\
 Data File : FC060829.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2022 15:54
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 25 16:24:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 15:30:28 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)	10.630	1801414	11.268 ug/ml
Spiked Amount 50.000		Recovery =	22.54%
12) S 1-chlorooctadecane (S...	11.995	1458138	11.351 ug/ml
Spiked Amount 50.000		Recovery =	22.70%
Target Compounds			
1) T n-Nonane (C9)	2.620	1521865	10.833 ug/ml
2) T n-Decane (C10)	3.619	1526429	10.766 ug/ml
3) T A~Naphthalene (C11.7)	5.168	1524944	10.101 ug/ml
4) T n-Dodecane (C12)	5.567	1621771	11.094 ug/ml
5) T A~2-methylnaphthalene...	6.193	1458660	9.889 ug/ml
6) T n-Tetradecane (C14)	7.316	1646205	11.220 ug/ml
7) T n-Hexadecane (C16)	8.877	1688766	11.354 ug/ml
8) T n-Octadecane (C18)	10.282	1723173	11.447 ug/ml
10) T n-Eicosane (C20)	11.559	1728849	11.457 ug/ml
11) T n-Heneicosane (C21)	12.157	1717728	11.394 ug/ml
13) T n-Docosane (C22)	12.729	1708848	11.378 ug/ml
14) T n-Tetracosane (C24)	13.806	1667781	11.316 ug/ml
15) T n-Hexacosane (C26)	14.802	1629048	11.338 ug/ml
16) T n-Octacosane (C28)	15.729	1571118	11.422 ug/ml
17) T n-Tricontane (C30)	16.594	1538924	11.513 ug/ml
18) T n-Dotriacontane (C32)	17.408	1490805	11.623 ug/ml
19) T n-Tetratriacontane (C34)	18.171	1383431	11.580 ug/ml
20) T n-Hexatriacontane (C36)	18.892	1348444	11.543 ug/ml
21) T n-Octatriacontane (C38)	19.573	1306620	11.585 ug/ml
22) T n-Tetracontane (C40)	20.222	1283173	11.685 ug/ml

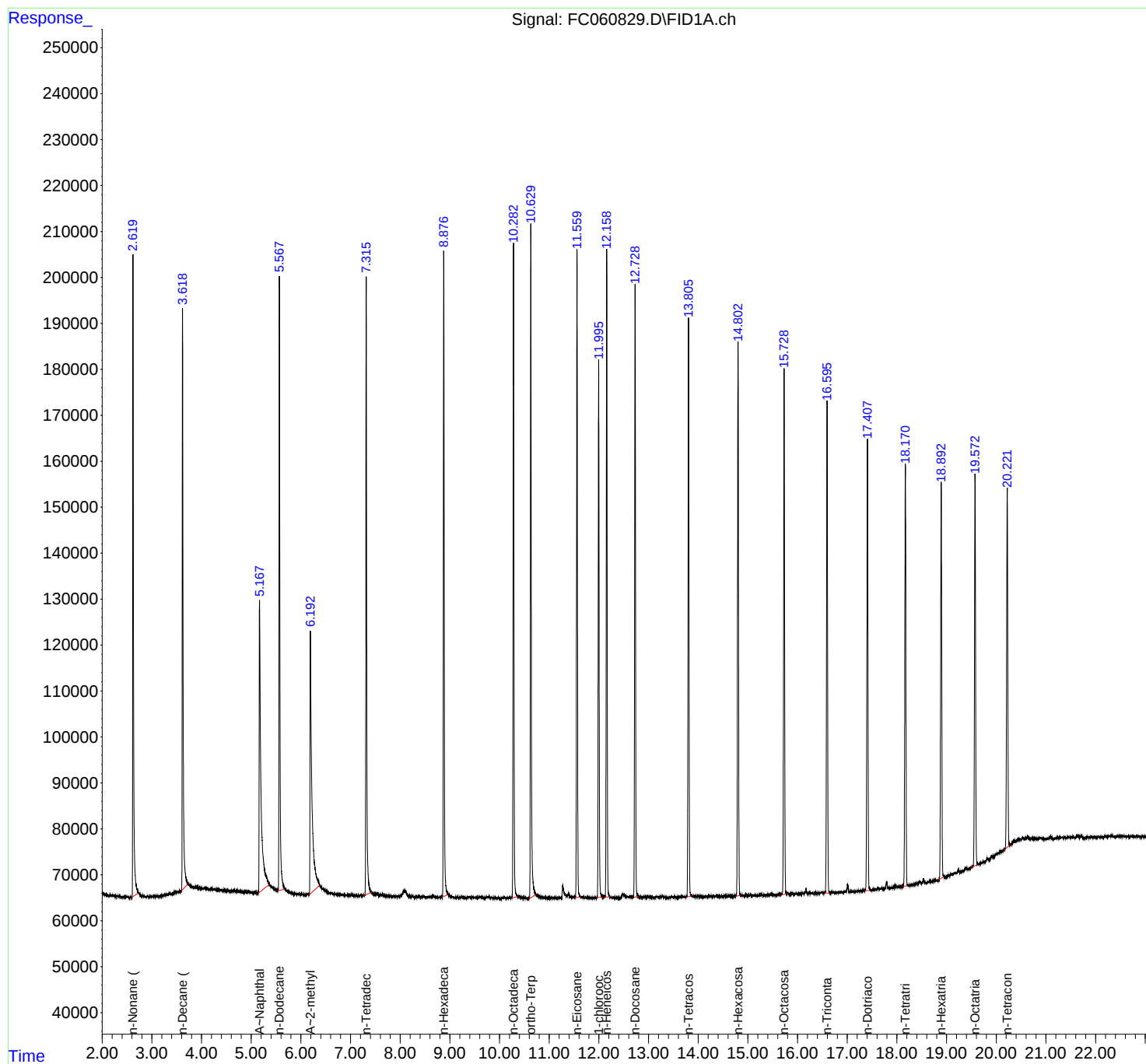
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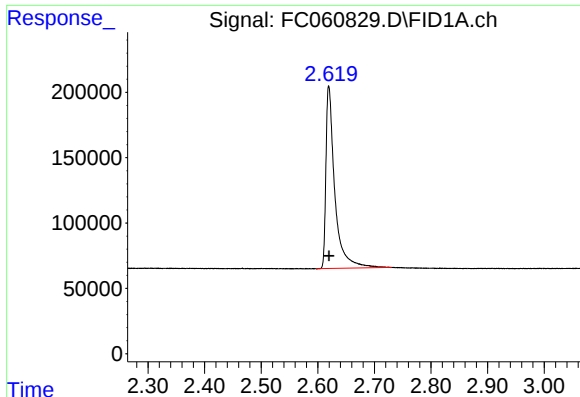
(m)=manual int.

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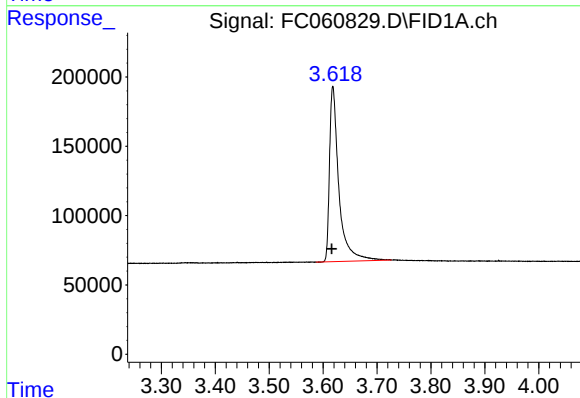
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





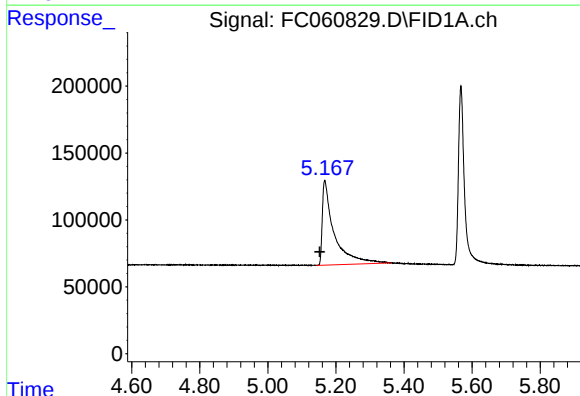
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: 0.000 min
Response: 1521865
Conc: 10.83 ug/ml



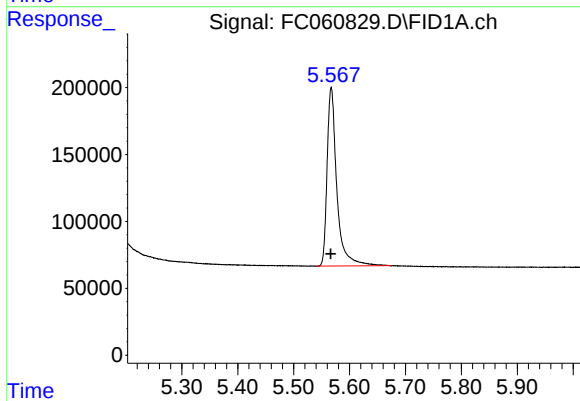
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: 0.003 min
Response: 1526429
Conc: 10.77 ug/ml



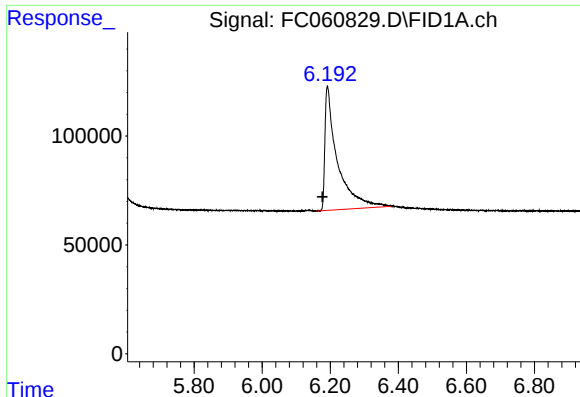
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: 0.016 min
Response: 1524944
Conc: 10.10 ug/ml



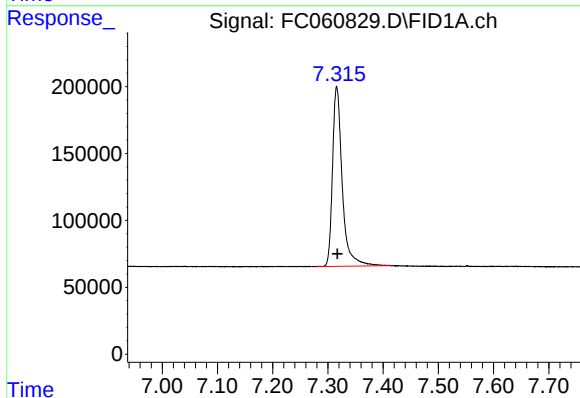
#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 1621771
Conc: 11.09 ug/ml



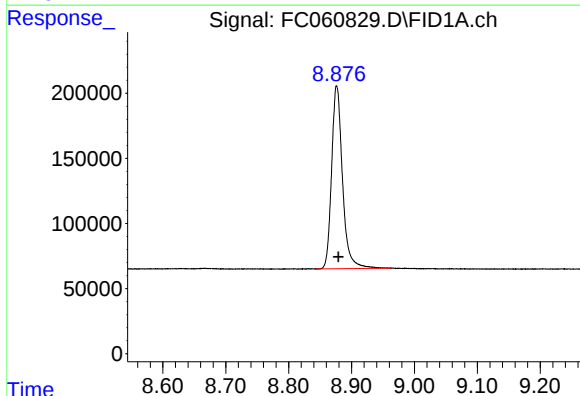
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.193 min
Delta R.T.: 0.015 min
Response: 1458660
Conc: 9.89 ug/ml



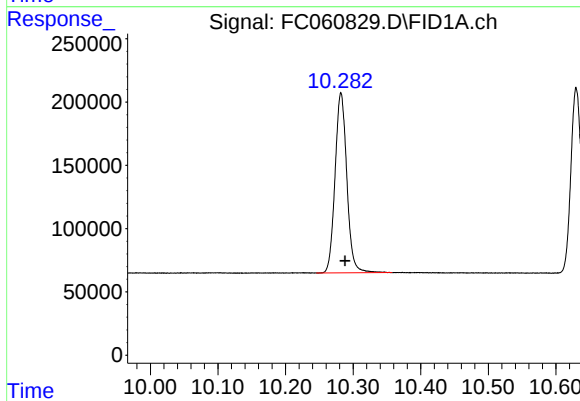
#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 1646205
Conc: 11.22 ug/ml



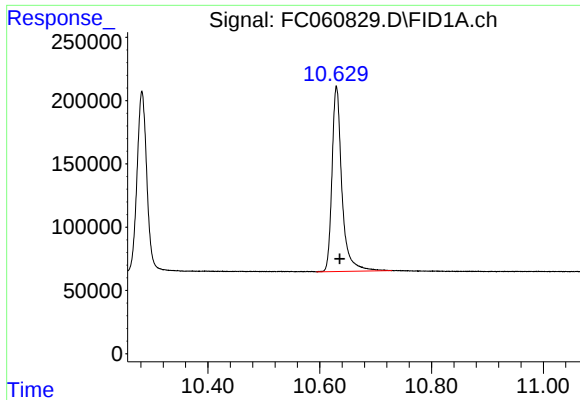
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 1688766
Conc: 11.35 ug/ml



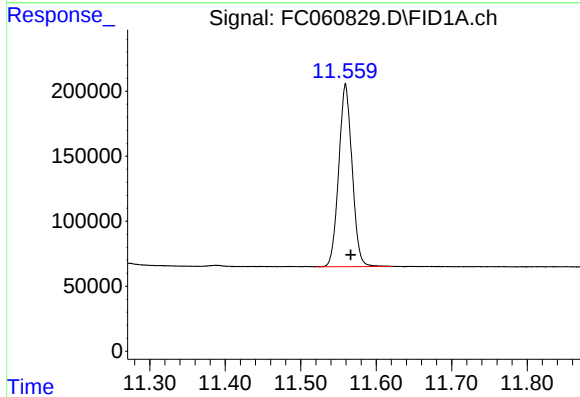
#8 n-Octadecane (C18)

R.T.: 10.282 min
Delta R.T.: -0.006 min
Response: 1723173
Conc: 11.45 ug/ml



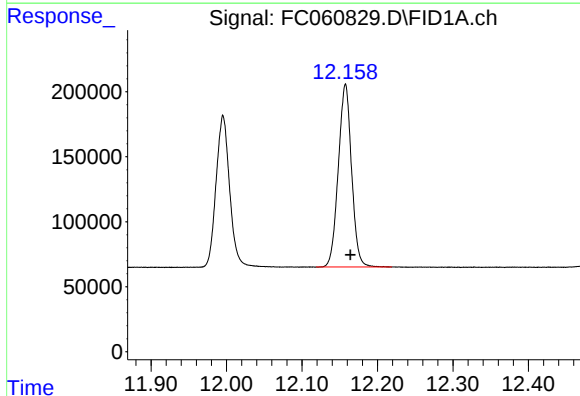
#9 ortho-Terphenyl (SURR)

R.T.: 10.630 min
Delta R.T.: -0.006 min
Response: 1801414
Conc: 11.27 ug/ml



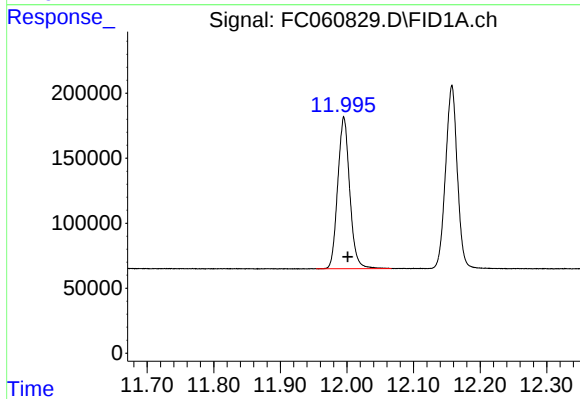
#10 n-Eicosane (C20)

R.T.: 11.559 min
Delta R.T.: -0.007 min
Response: 1728849
Conc: 11.46 ug/ml



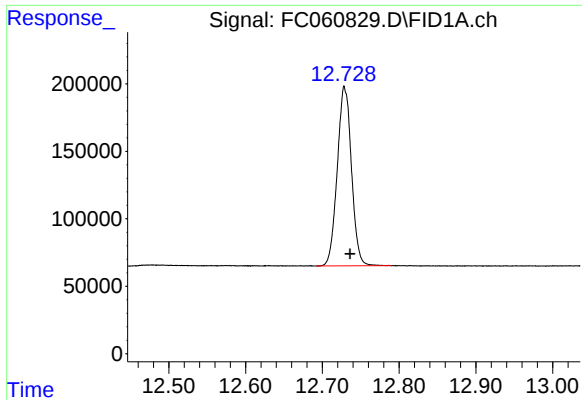
#11 n-Heneicosane (C21)

R.T.: 12.157 min
Delta R.T.: -0.007 min
Response: 1717728
Conc: 11.39 ug/ml



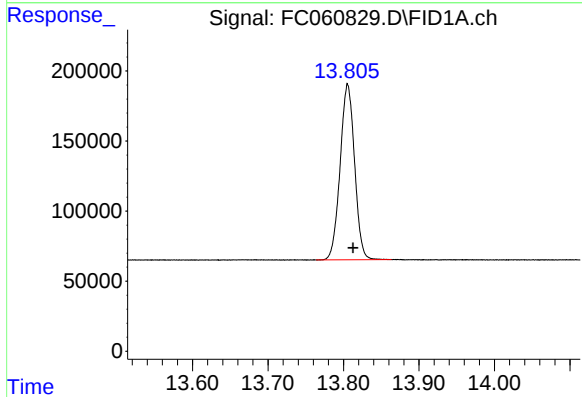
#12 1-chlorooctadecane (SURR)

R.T.: 11.995 min
Delta R.T.: -0.006 min
Response: 1458138
Conc: 11.35 ug/ml



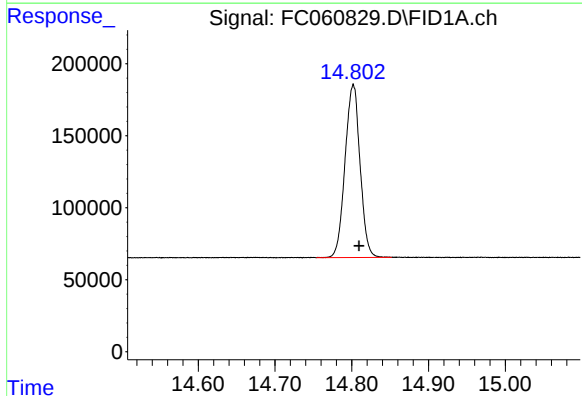
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: -0.007 min
Response: 1708848
Conc: 11.38 ug/ml



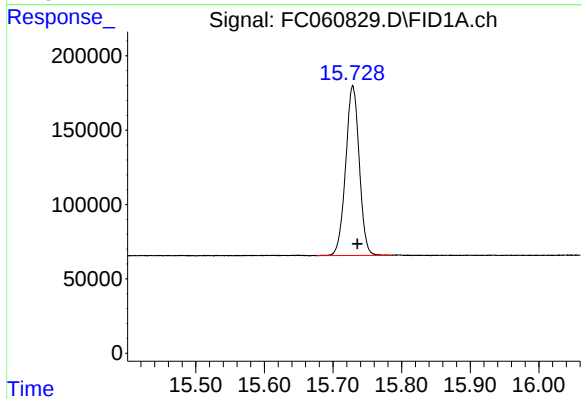
#14 n-Tetracosane (C24)

R.T.: 13.806 min
Delta R.T.: -0.007 min
Response: 1667781
Conc: 11.32 ug/ml



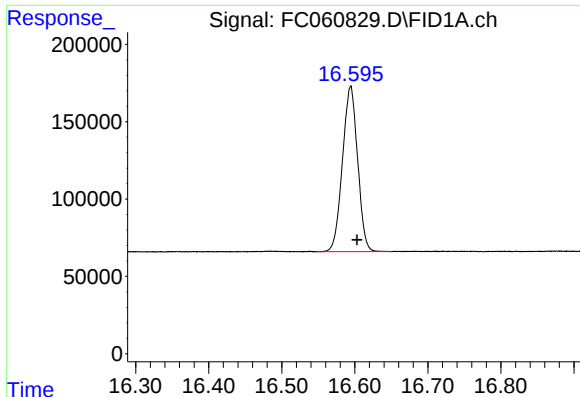
#15 n-Hexacosane (C26)

R.T.: 14.802 min
Delta R.T.: -0.008 min
Response: 1629048
Conc: 11.34 ug/ml



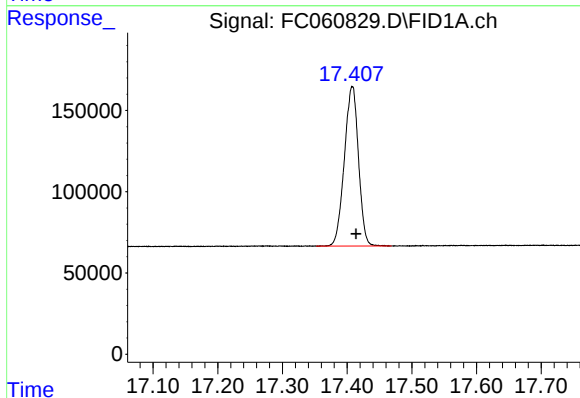
#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: -0.007 min
Response: 1571118
Conc: 11.42 ug/ml



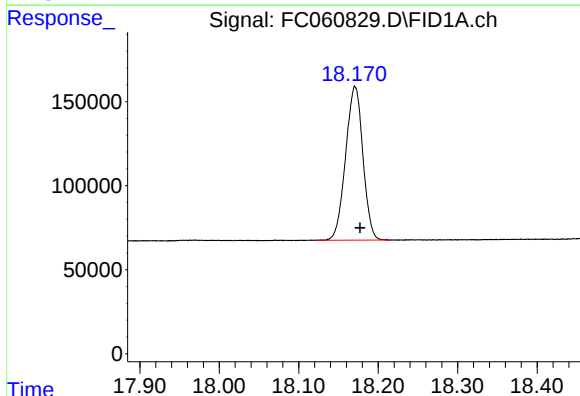
#17 n-Tricontane (C30)

R.T.: 16.594 min
Delta R.T.: -0.009 min
Response: 1538924
Conc: 11.51 ug/ml



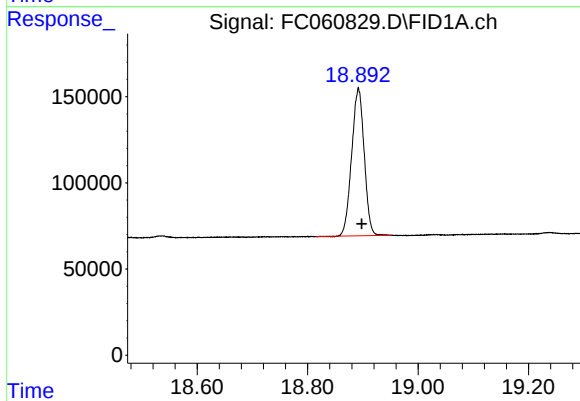
#18 n-Dotriacontane (C32)

R.T.: 17.408 min
Delta R.T.: -0.006 min
Response: 1490805
Conc: 11.62 ug/ml



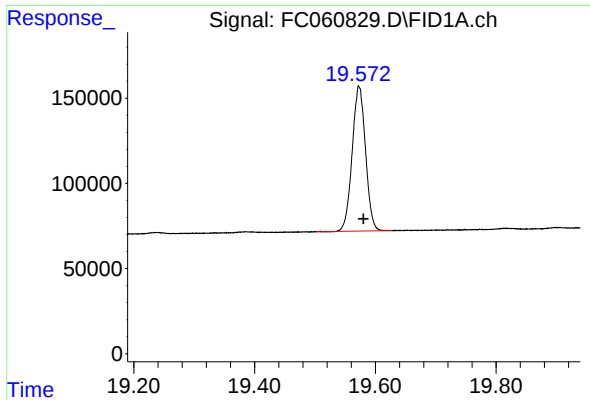
#19 n-Tetratriacontane (C34)

R.T.: 18.171 min
Delta R.T.: -0.006 min
Response: 1383431
Conc: 11.58 ug/ml



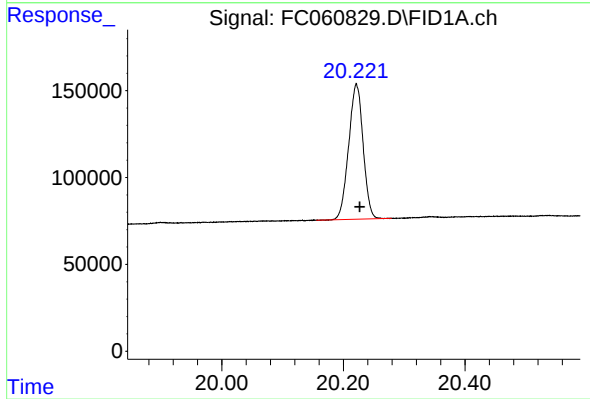
#20 n-Hexatriacontane (C36)

R.T.: 18.892 min
Delta R.T.: -0.006 min
Response: 1348444
Conc: 11.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.573 min
Delta R.T.: -0.007 min
Response: 1306620
Conc: 11.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.222 min
Delta R.T.: -0.005 min
Response: 1283173
Conc: 11.69 ug/ml