

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030424AL\
 Data File : FC065961.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2024 11:48
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 12:24:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 12:24:38 2024
 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)	11.493	2140620	10.981 ug/ml
Spiked Amount 50.000		Recovery =	21.96%
12) S 1-chlorooctadecane (S...	12.924	1608731	11.003 ug/ml
Spiked Amount 50.000		Recovery =	22.01%
Target Compounds			
1) T n-Nonane (C9)	3.284	1805008	10.702 ug/ml
2) T n-Decane (C10)	4.346	1878464	10.753 ug/ml
3) T A~Naphthalene (C11.7)	5.937	1890648	10.096 ug/ml
4) T n-Dodecane (C12)	6.360	1907037	10.733 ug/ml
5) T A~2-methylnaphthalene...	6.993	1795808	10.148 ug/ml
6) T n-Tetradecane (C14)	8.149	1907488	10.889 ug/ml
7) T n-Hexadecane (C16)	9.744	1964194	10.923 ug/ml
8) T n-Octadecane (C18)	11.178	1999577	11.035 ug/ml
10) T n-Eicosane (C20)	12.480	1932962	11.091 ug/ml
11) T n-Heneicosane (C21)	13.090	1917406	11.120 ug/ml
13) T n-Docosane (C22)	13.672	1903641	11.121 ug/ml
14) T n-Tetracosane (C24)	14.768	1892473	11.111 ug/ml
15) T n-Hexacosane (C26)	15.784	1851794	11.054 ug/ml
16) T n-Octacosane (C28)	16.728	1840730	11.149 ug/ml
17) T n-Tricontane (C30)	17.609	1886361	11.206 ug/ml
18) T n-Dotriacontane (C32)	18.438	1862635	11.231 ug/ml
19) T n-Tetratriacontane (C34)	19.218	1789413	11.064 ug/ml
20) T n-Hexatriacontane (C36)	19.953	1748527	11.091 ug/ml
21) T n-Octatriacontane (C38)	20.670	1708951	10.978 ug/ml
22) T n-Tetracontane (C40)	21.537	1684736	10.936 ug/ml

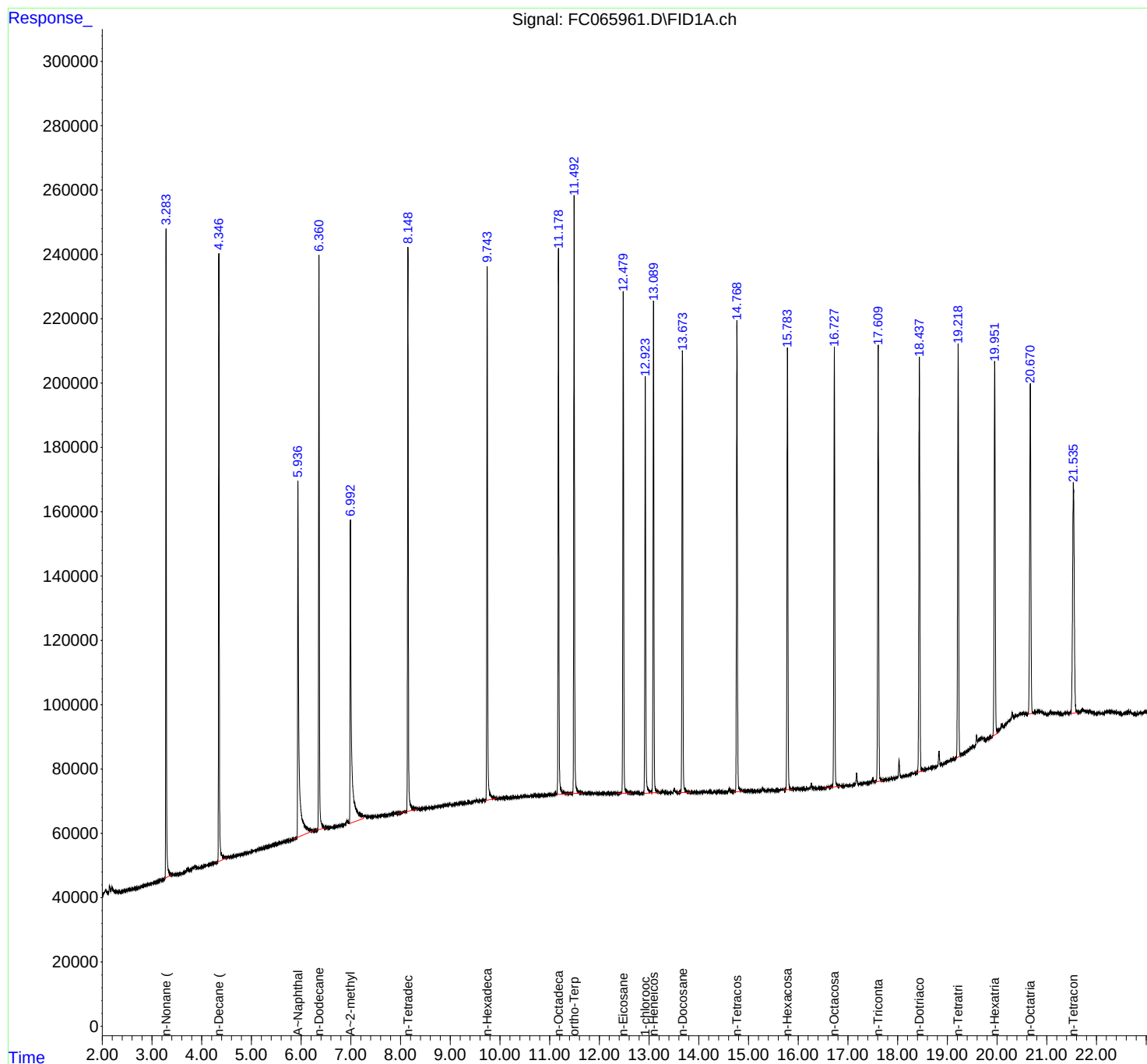
(f)=RT Delta > 1/2 Window

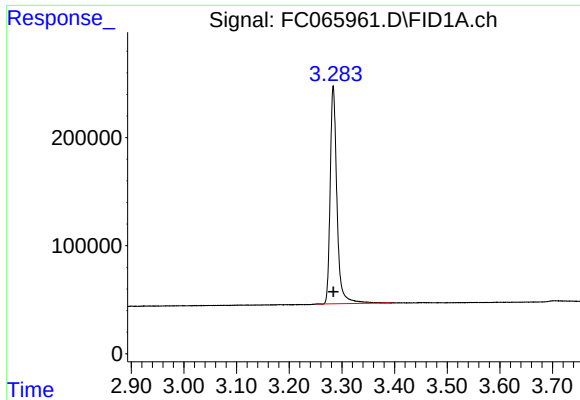
(m)=manual int.

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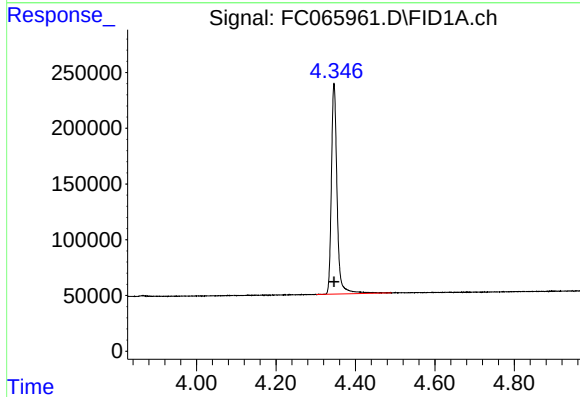
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





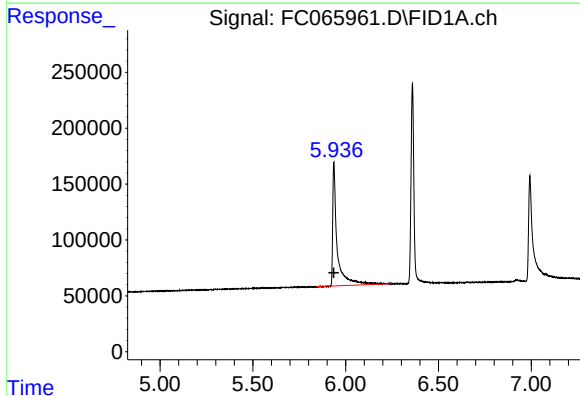
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: 0.000 min
Response: 1805008
Conc: 10.70 ug/ml



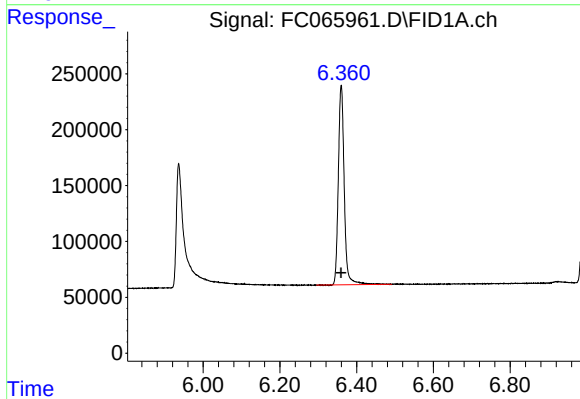
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 1878464
Conc: 10.75 ug/ml



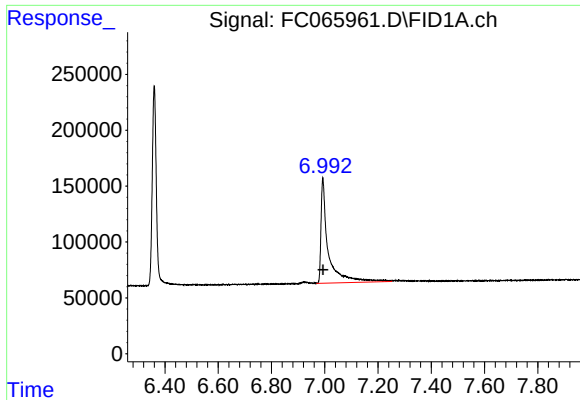
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 1890648
Conc: 10.10 ug/ml



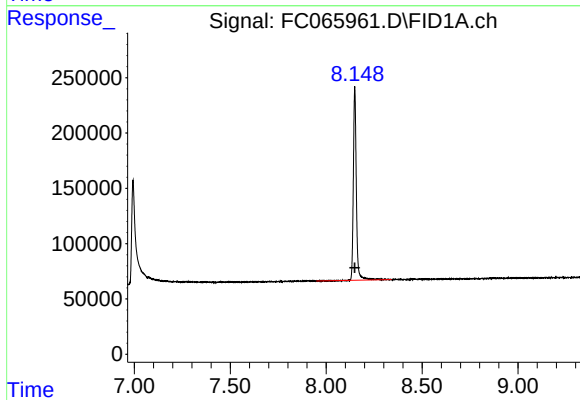
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 1907037
Conc: 10.73 ug/ml



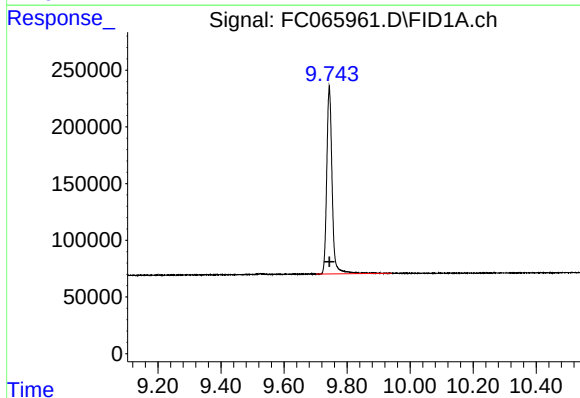
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 1795808
Conc: 10.15 ug/ml



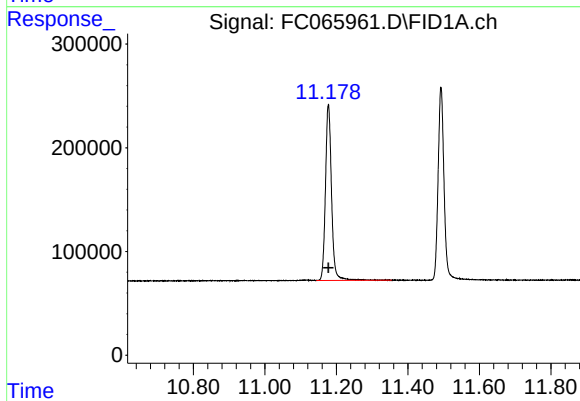
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 1907488
Conc: 10.89 ug/ml



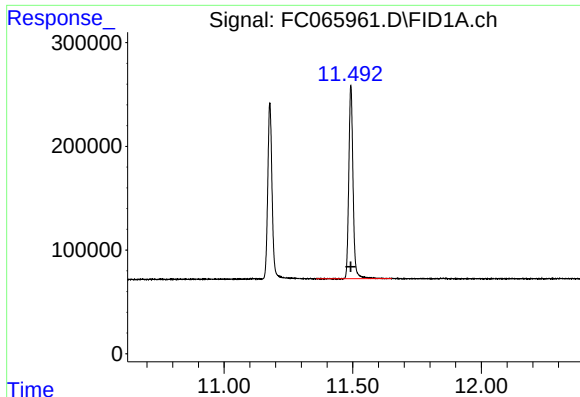
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 1964194
Conc: 10.92 ug/ml



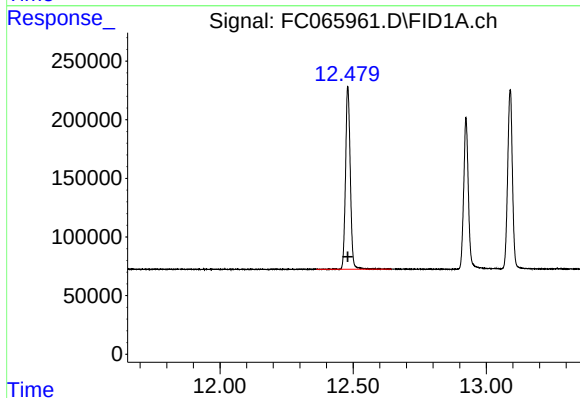
#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 1999577
Conc: 11.03 ug/ml



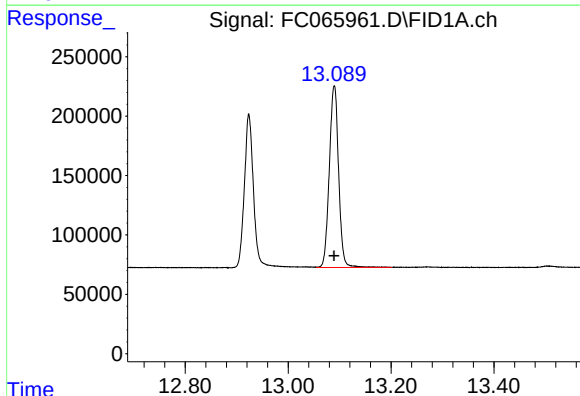
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.000 min
Response: 2140620
Conc: 10.98 ug/ml



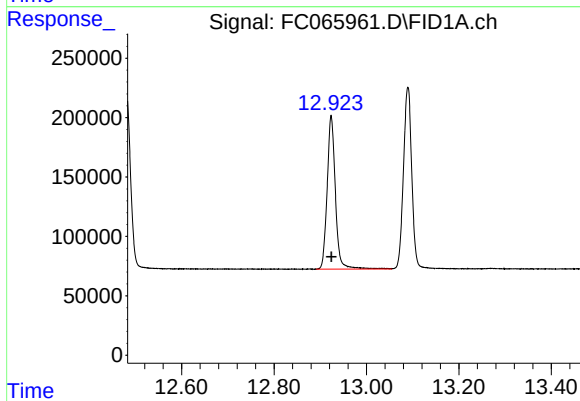
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 1932962
Conc: 11.09 ug/ml



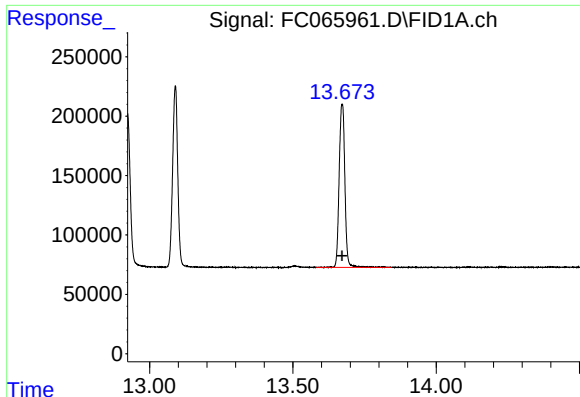
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.000 min
Response: 1917406
Conc: 11.12 ug/ml



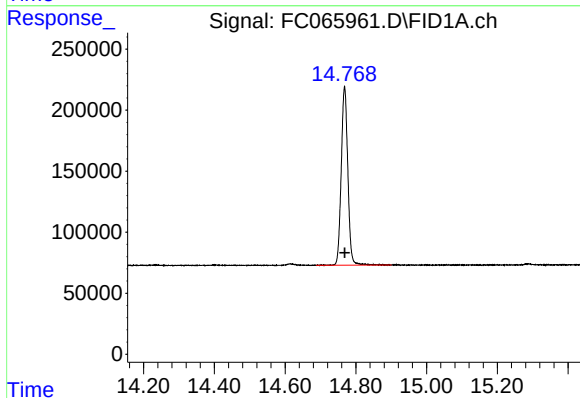
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 1608731
Conc: 11.00 ug/ml



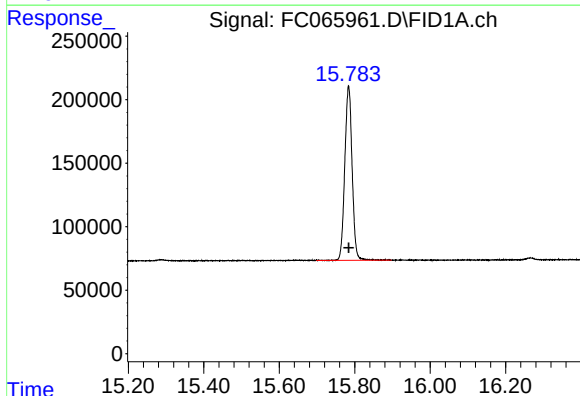
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 1903641
Conc: 11.12 ug/ml



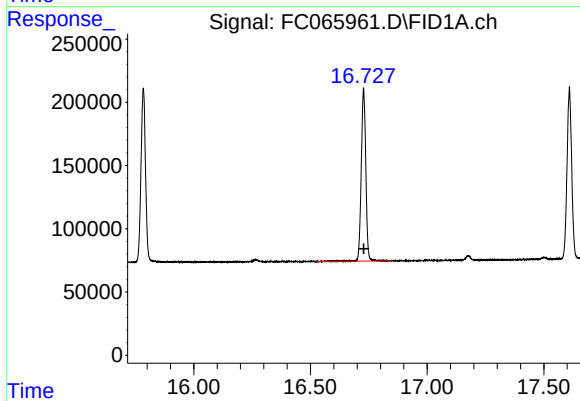
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: 0.000 min
Response: 1892473
Conc: 11.11 ug/ml



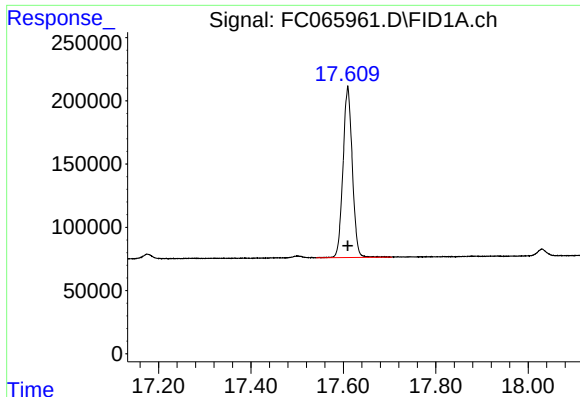
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.000 min
Response: 1851794
Conc: 11.05 ug/ml



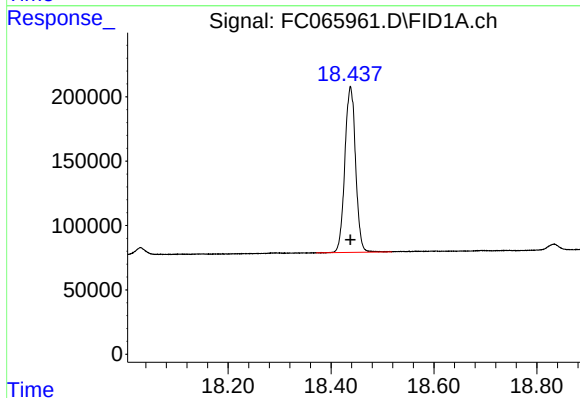
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: 0.000 min
Response: 1840730
Conc: 11.15 ug/ml



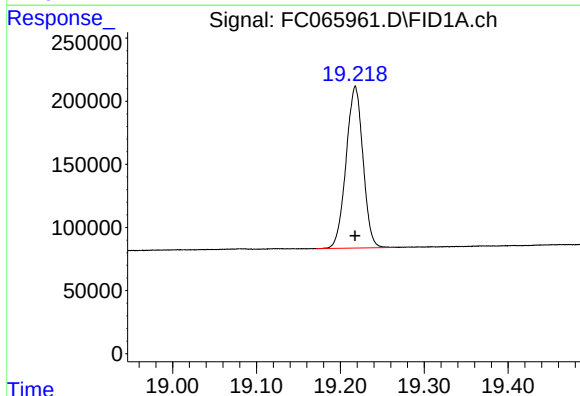
#17 n-Tricontane (C30)

R.T.: 17.609 min
Delta R.T.: 0.000 min
Response: 1886361
Conc: 11.21 ug/ml



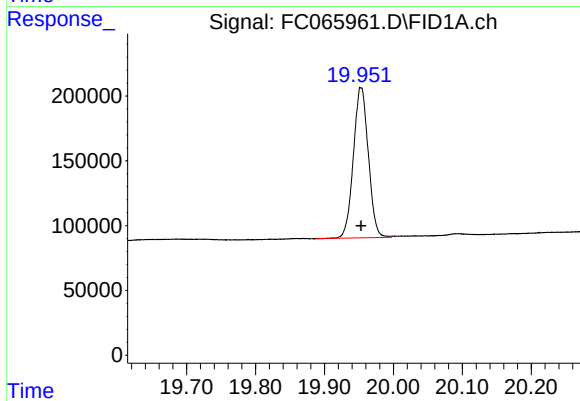
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 1862635
Conc: 11.23 ug/ml



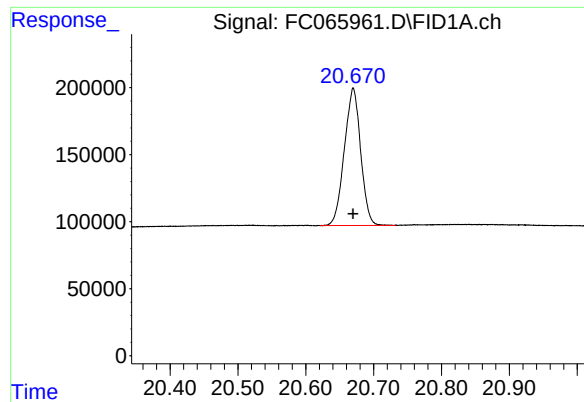
#19 n-Tetratriacontane (C34)

R.T.: 19.218 min
Delta R.T.: 0.000 min
Response: 1789413
Conc: 11.06 ug/ml



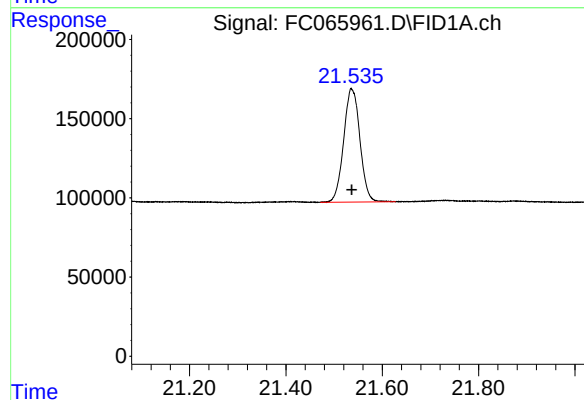
#20 n-Hexatriacontane (C36)

R.T.: 19.953 min
Delta R.T.: 0.000 min
Response: 1748527
Conc: 11.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.670 min
Delta R.T.: 0.000 min
Response: 1708951
Conc: 10.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.537 min
Delta R.T.: 0.000 min
Response: 1684736
Conc: 10.94 ug/ml