

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040720AL\
 Data File : FC046707.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2020 20:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 08 01:02:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.763	2224374	20.348 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
12) S 1-chlorooctadecane (S...	13.180	1723823	20.003 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T n-Nonane (C9)	3.545	2191620	22.821 ug/ml
2) T n-Decane (C10)	4.613	2209196	23.002 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2308586	23.041 ug/ml
4) T n-Dodecane (C12)	6.621	2225589	22.801 ug/ml
5) T A~2-methylnaphthalene...	7.265	2314414	22.892 ug/ml
6) T n-Tetradecane (C14)	8.404	2192354	22.264 ug/ml
7) T n-Hexadecane (C16)	9.996	2161199	21.648 ug/ml
8) T n-Octadecane (C18)	11.430	2132544	21.011 ug/ml
10) T n-Eicosane (C20)	12.733	2085027	20.395 ug/ml
11) T n-Heneicosane (C21)	13.342	2070451	20.081 ug/ml
13) T n-Docosane (C22)	13.926	2032720	19.802 ug/ml
14) T n-Tetracosane (C24)	15.024	1996228	19.338 ug/ml
15) T n-Hexacosane (C26)	16.040	1958810	19.092 ug/ml
16) T n-Octacosane (C28)	16.986	1923783	18.902 ug/ml
17) T n-Tricontane (C30)	17.869	1850534	18.888 ug/ml
18) T n-Dotriacontane (C32)	18.698	1594502	19.018 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1392271	19.433 ug/ml
20) T n-Hexatriacontane (C36)	20.212	1338110	19.101 ug/mlm
21) T n-Octatriacontane (C38)	20.979	1303355	20.655 ug/ml
22) T n-Tetracontane (C40)	21.943	1371457	19.819 ug/ml

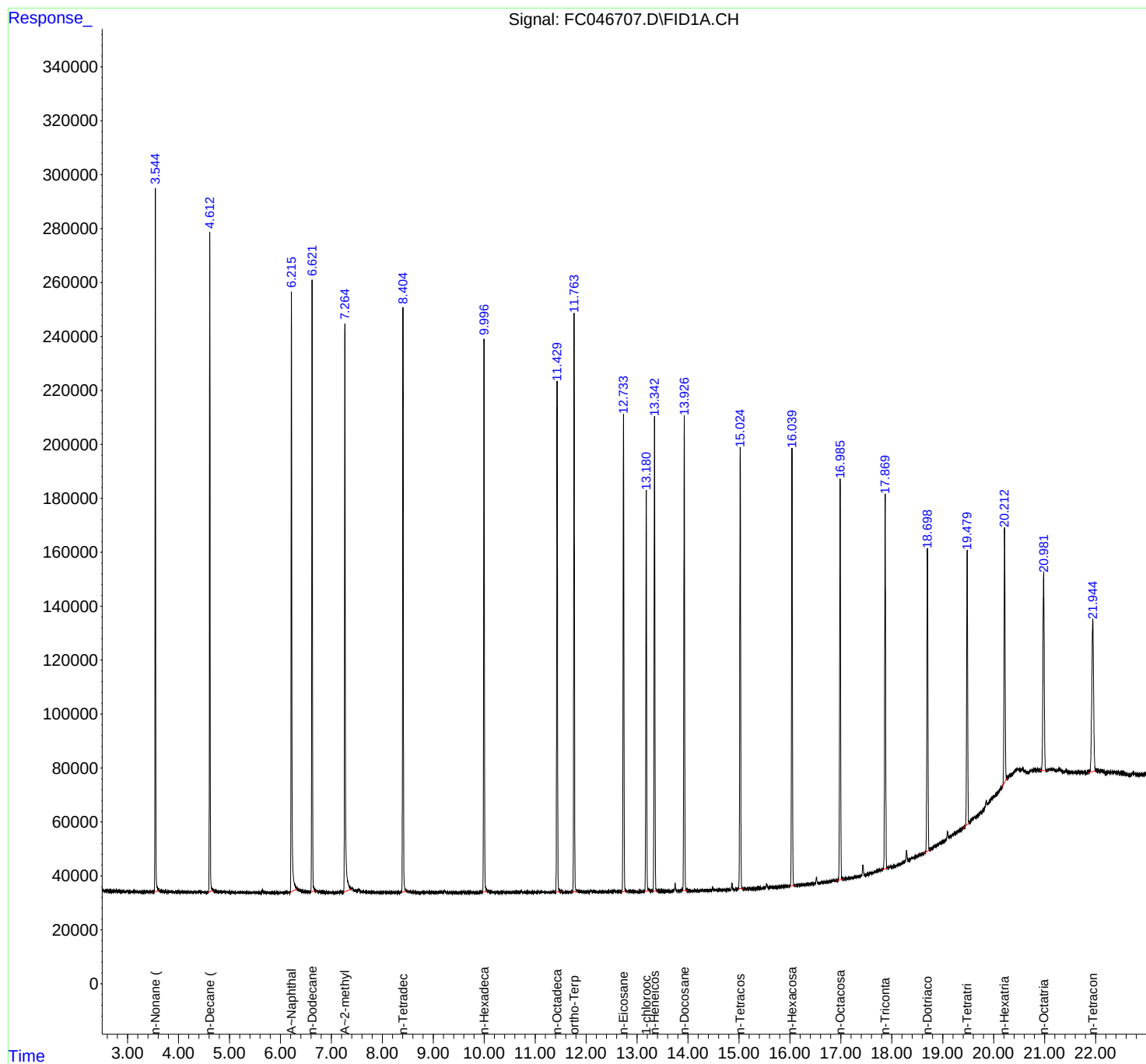
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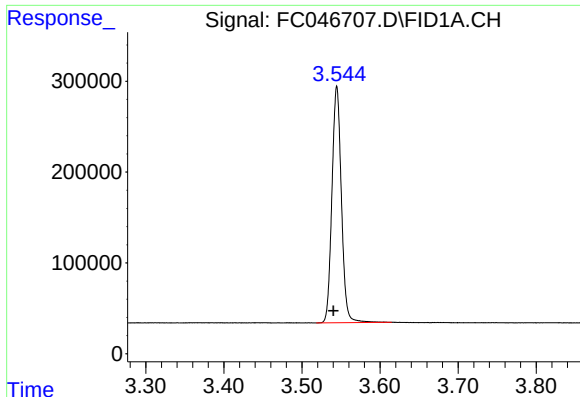
(m)=manual int.

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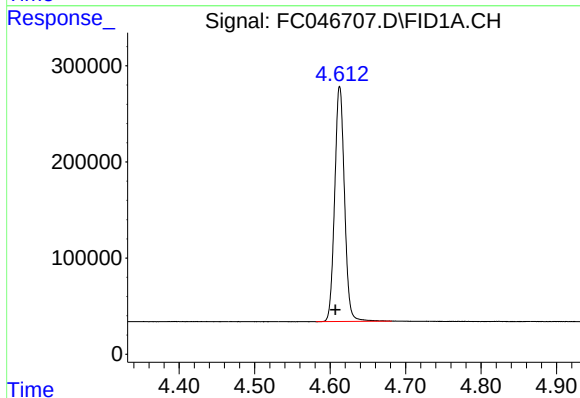
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





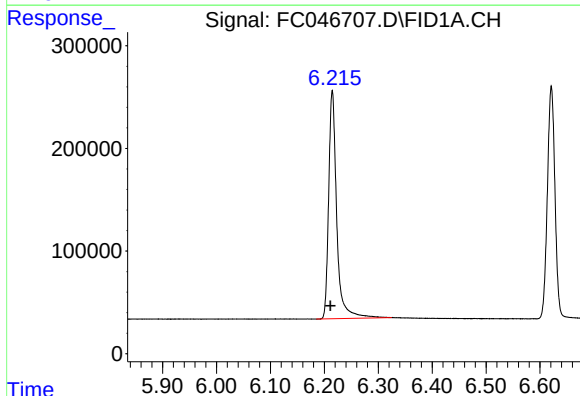
#1 n-Nonane (C9)

R.T.: 3.545 min
Delta R.T.: 0.005 min
Response: 2191620
Conc: 22.82 ug/ml



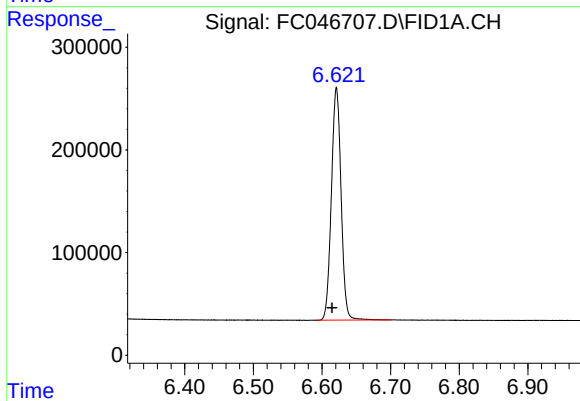
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: 0.006 min
Response: 2209196
Conc: 23.00 ug/ml



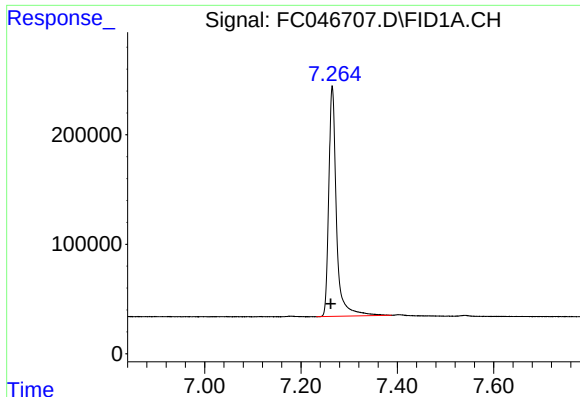
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 2308586
Conc: 23.04 ug/ml



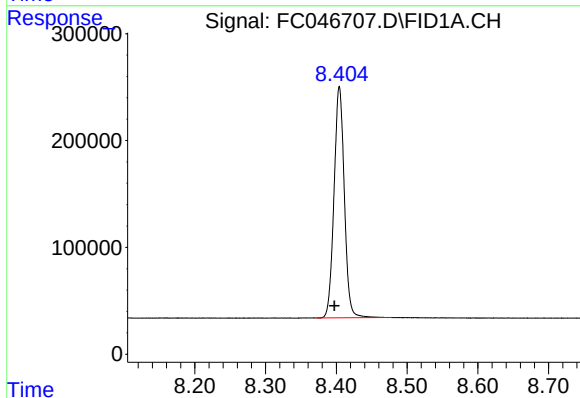
#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.007 min
Response: 2225589
Conc: 22.80 ug/ml



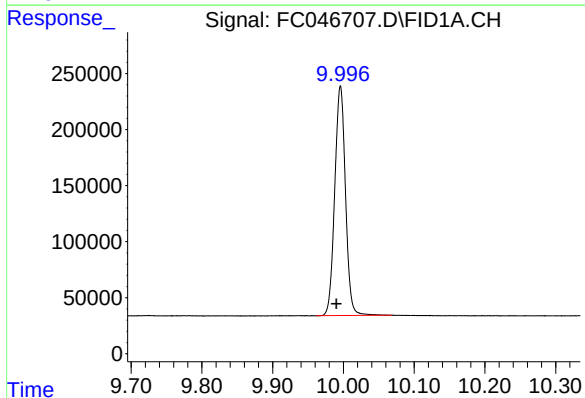
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2314414
Conc: 22.89 ug/ml



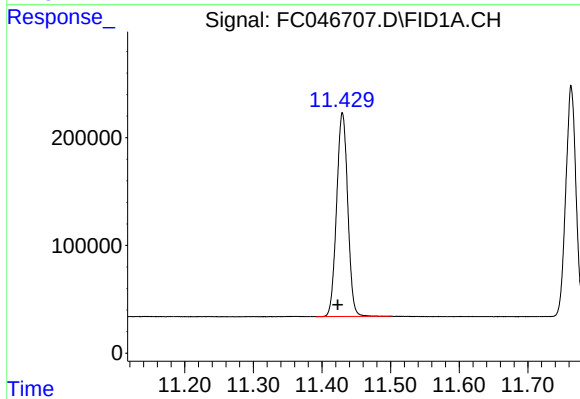
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.007 min
Response: 2192354
Conc: 22.26 ug/ml



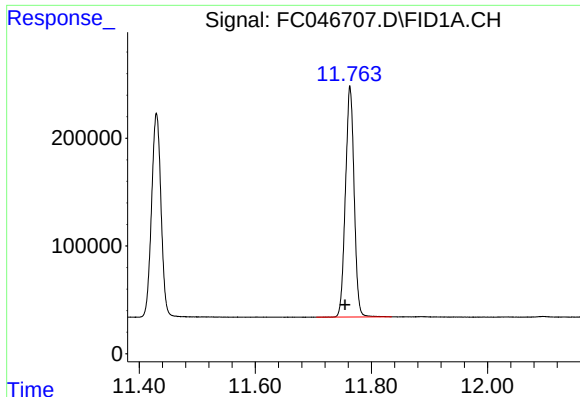
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.006 min
Response: 2161199
Conc: 21.65 ug/ml



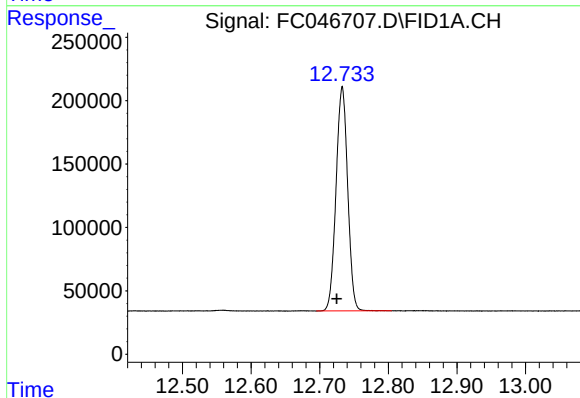
#8 n-Octadecane (C18)

R.T.: 11.430 min
Delta R.T.: 0.007 min
Response: 2132544
Conc: 21.01 ug/ml



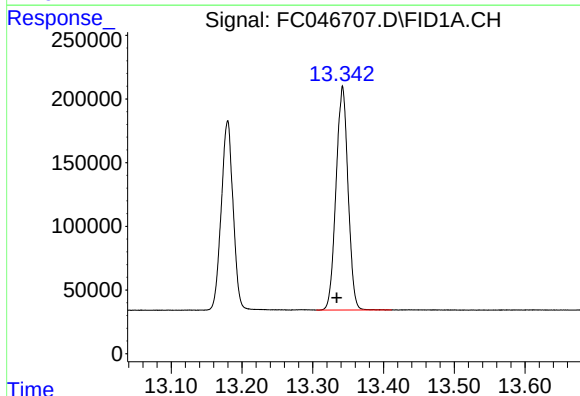
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min
Delta R.T.: 0.009 min
Response: 2224374
Conc: 20.35 ug/ml



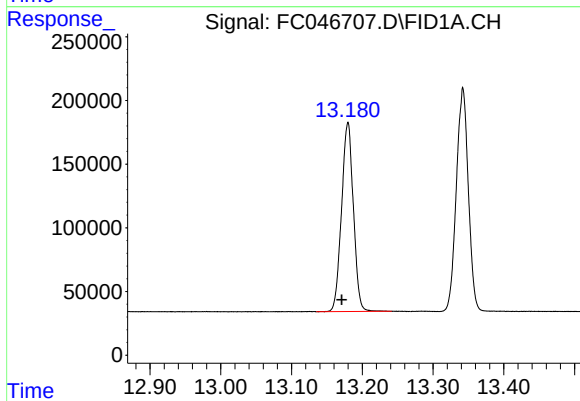
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: 0.008 min
Response: 2085027
Conc: 20.40 ug/ml



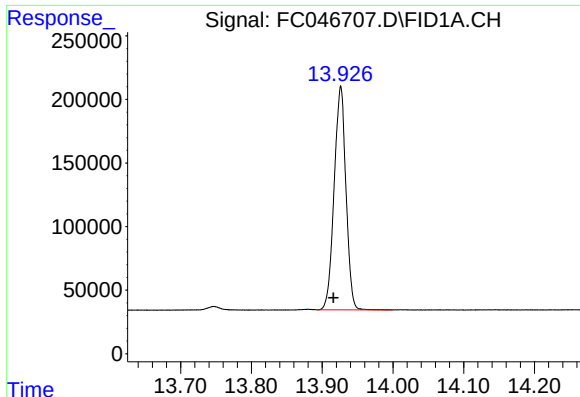
#11 n-Heneicosane (C21)

R.T.: 13.342 min
Delta R.T.: 0.008 min
Response: 2070451
Conc: 20.08 ug/ml



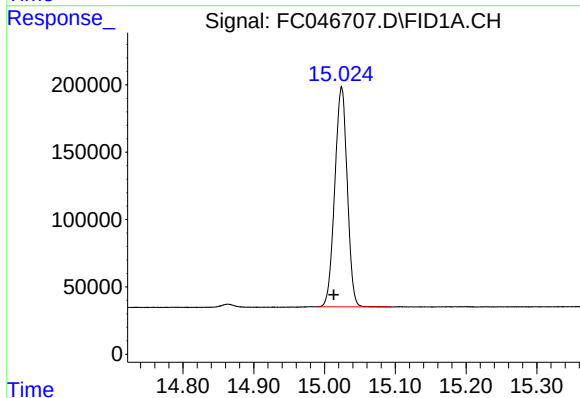
#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: 0.008 min
Response: 1723823
Conc: 20.00 ug/ml



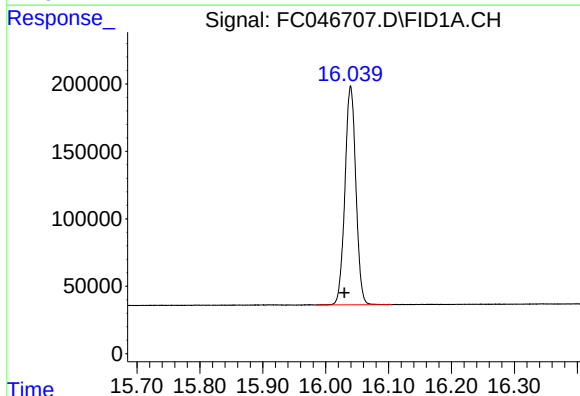
#13 n-Docosane (C22)

R.T.: 13.926 min
Delta R.T.: 0.010 min
Response: 2032720
Conc: 19.80 ug/ml



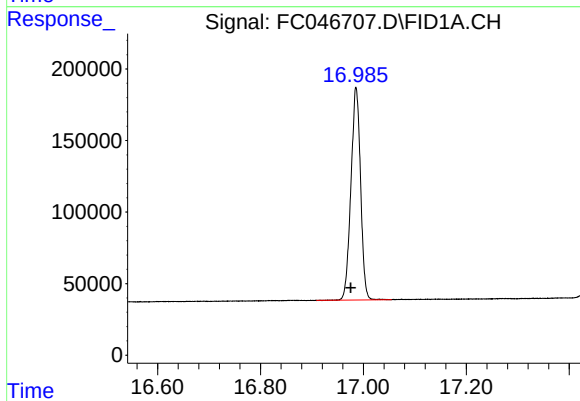
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: 0.011 min
Response: 1996228
Conc: 19.34 ug/ml



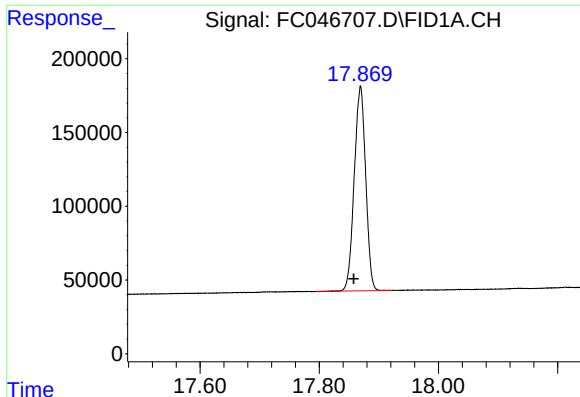
#15 n-Hexacosane (C26)

R.T.: 16.040 min
Delta R.T.: 0.010 min
Response: 1958810
Conc: 19.09 ug/ml



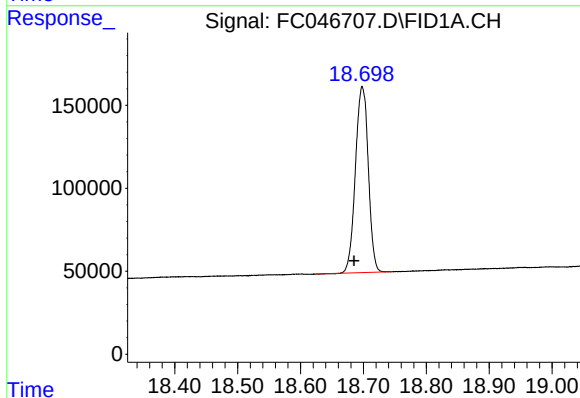
#16 n-Octacosane (C28)

R.T.: 16.986 min
Delta R.T.: 0.010 min
Response: 1923783
Conc: 18.90 ug/ml



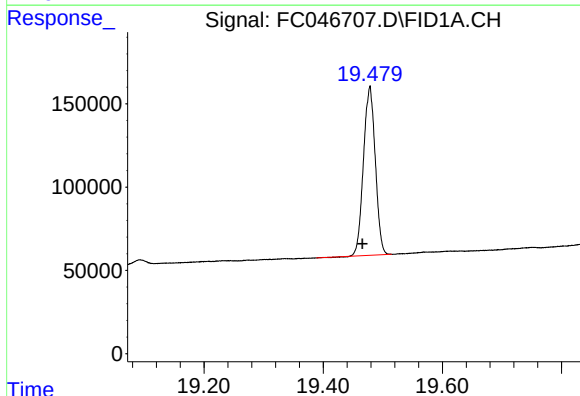
#17 n-Tricontane (C30)

R.T.: 17.869 min
Delta R.T.: 0.011 min
Response: 1850534
Conc: 18.89 ug/ml



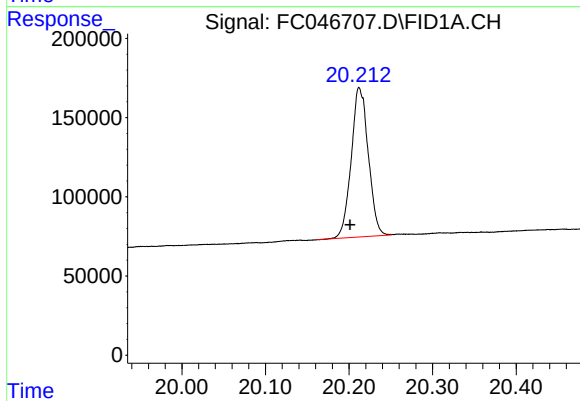
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: 0.013 min
Response: 1594502
Conc: 19.02 ug/ml



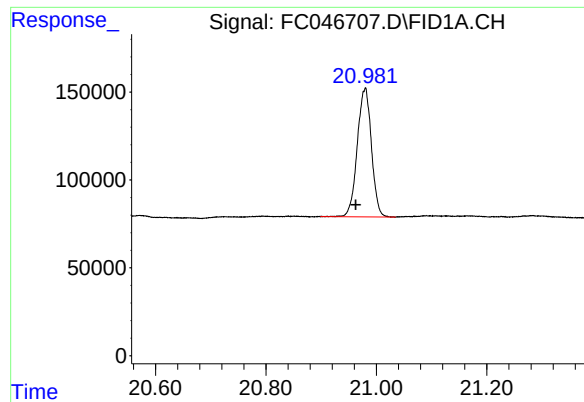
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min
Delta R.T.: 0.012 min
Response: 1392271
Conc: 19.43 ug/ml



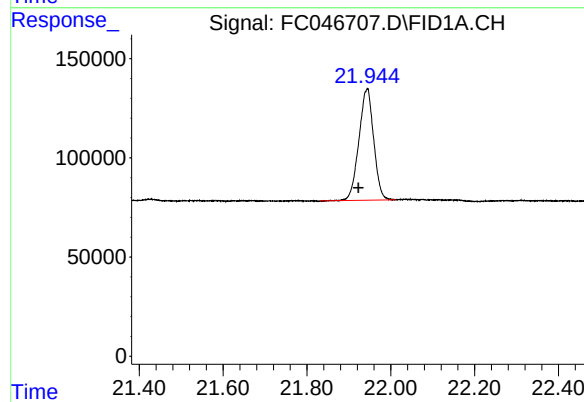
#20 n-Hexatriacontane (C36)

R.T.: 20.212 min
Delta R.T.: 0.010 min
Response: 1338110
Conc: 19.10 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.979 min
Delta R.T.: 0.017 min
Response: 1303355
Conc: 20.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: 0.021 min
Response: 1371457
Conc: 19.82 ug/ml