

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041020AL\
 Data File : FC046738.D
 Signal(s) : FID1A.CH
 Acq On : 10 Apr 2020 6:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 01:12:40 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)	11.764	2082652	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
12) S 1-chlorooctadecane (S...	13.181	1618379	18.779 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
Target Compounds			
1) T n-Nonane (C9)	3.544	1978431	20.601 ug/ml
2) T n-Decane (C10)	4.612	2013759	20.967 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2085984	20.819 ug/ml
4) T n-Dodecane (C12)	6.620	2040616	20.906 ug/ml
5) T A~2-methylnaphthalene...	7.265	2104958	20.820 ug/ml
6) T n-Tetradecane (C14)	8.404	2025884	20.574 ug/ml
7) T n-Hexadecane (C16)	9.996	2005720	20.091 ug/ml
8) T n-Octadecane (C18)	11.431	1995195	19.658 ug/ml
10) T n-Eicosane (C20)	12.733	1959649	19.169 ug/ml
11) T n-Heneicosane (C21)	13.343	1945845	18.872 ug/ml
13) T n-Docosane (C22)	13.926	1930213	18.803 ug/ml
14) T n-Tetracosane (C24)	15.024	1941531	18.809 ug/ml
15) T n-Hexacosane (C26)	16.042	1898111	18.500 ug/ml
16) T n-Octacosane (C28)	16.989	1884582	18.517 ug/ml
17) T n-Tricontane (C30)	17.871	1832117	18.700 ug/ml
18) T n-Dotriacontane (C32)	18.701	1564060	18.655 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1342484	18.738 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1242744	17.740 ug/ml
21) T n-Octatriacontane (C38)	20.982	1246338	19.751 ug/ml
22) T n-Tetracontane (C40)	21.944	1299515	18.779 ug/ml

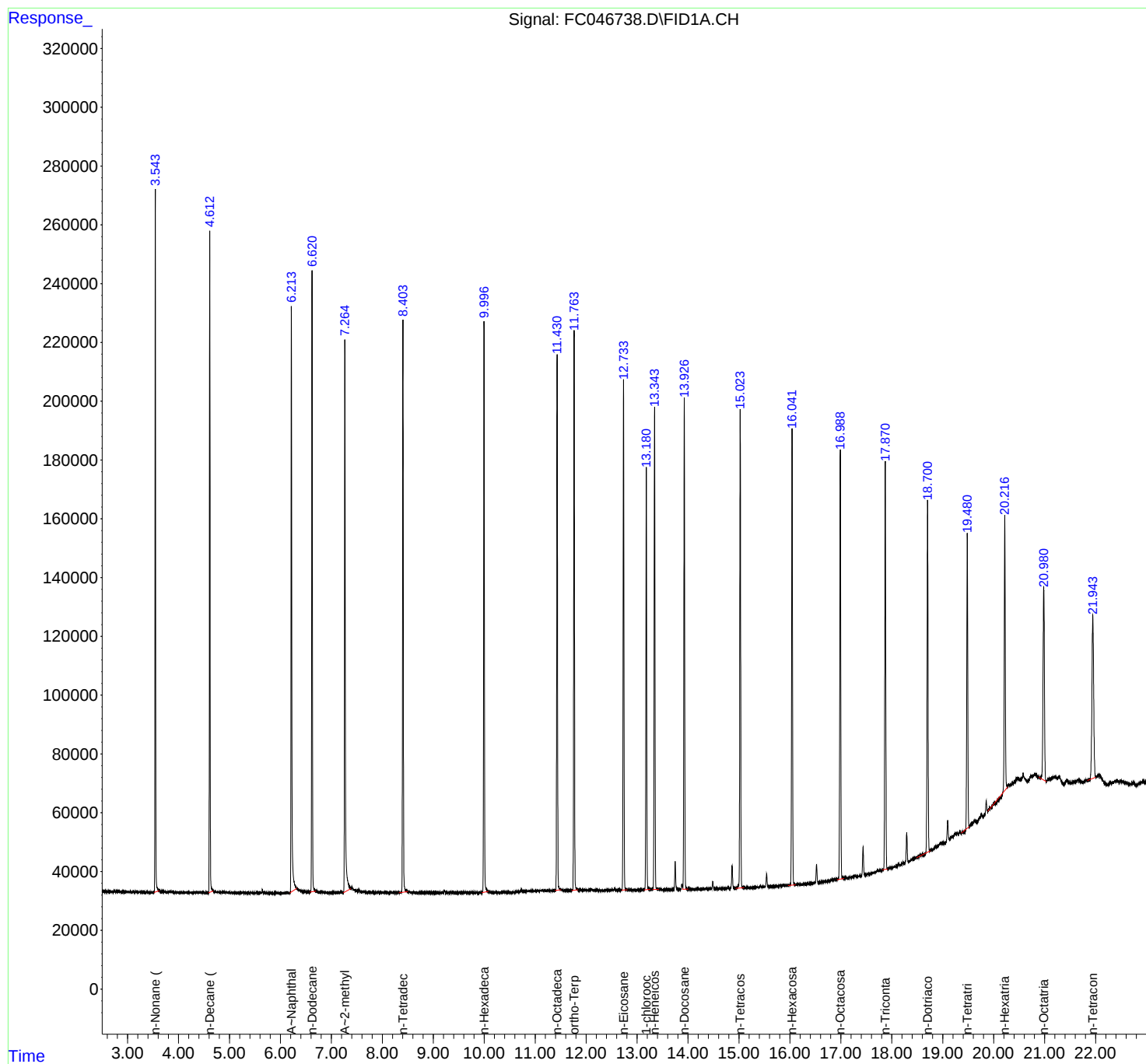
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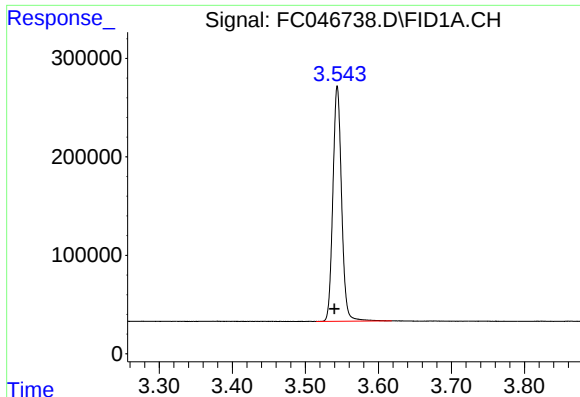
(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
Misc :
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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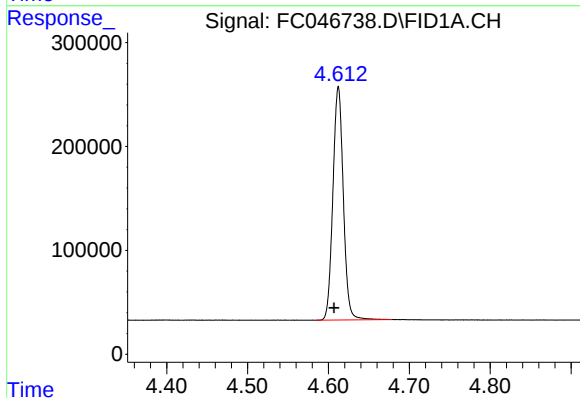
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





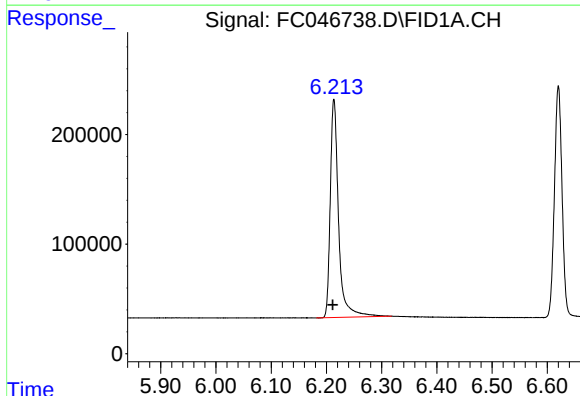
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 1978431
Conc: 20.60 ug/ml



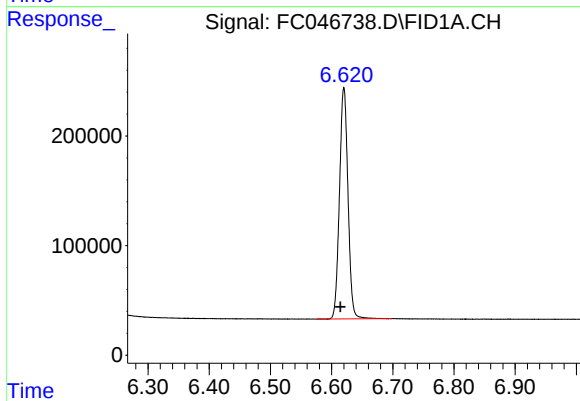
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: 0.005 min
Response: 2013759
Conc: 20.97 ug/ml



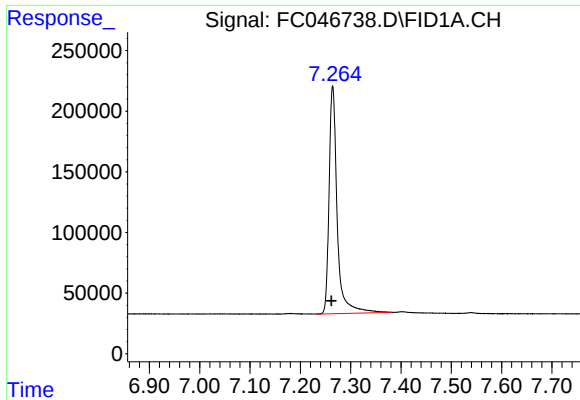
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 2085984
Conc: 20.82 ug/ml



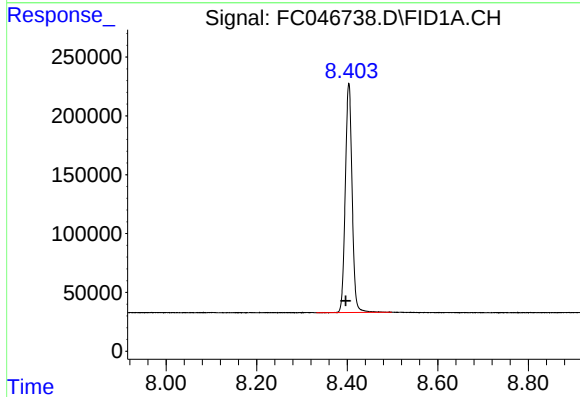
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 2040616
Conc: 20.91 ug/ml



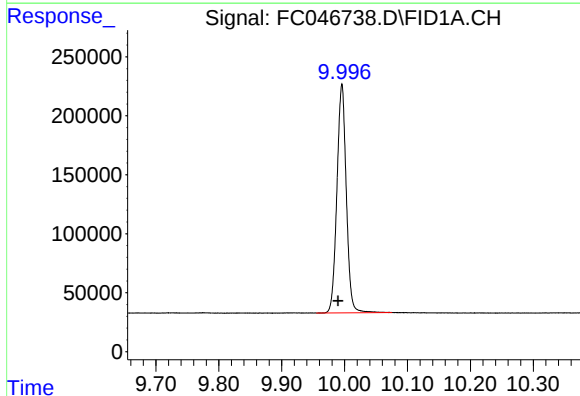
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2104958
Conc: 20.82 ug/ml



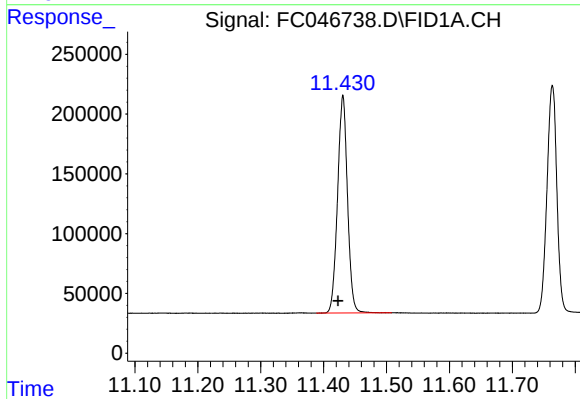
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.006 min
Response: 2025884
Conc: 20.57 ug/ml



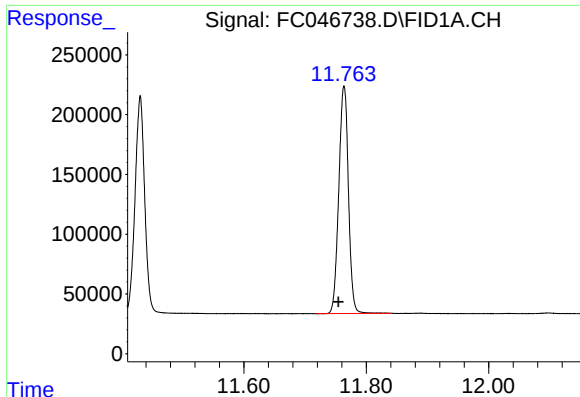
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.006 min
Response: 2005720
Conc: 20.09 ug/ml



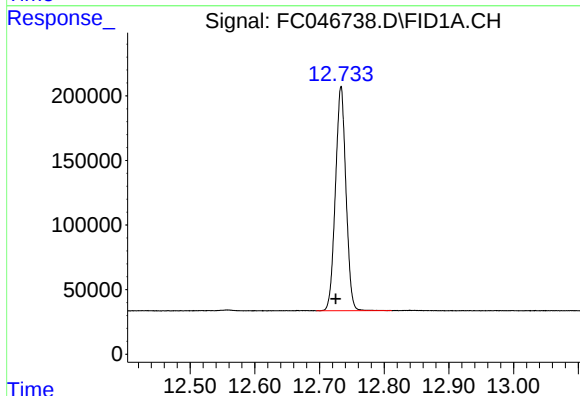
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: 0.007 min
Response: 1995195
Conc: 19.66 ug/ml



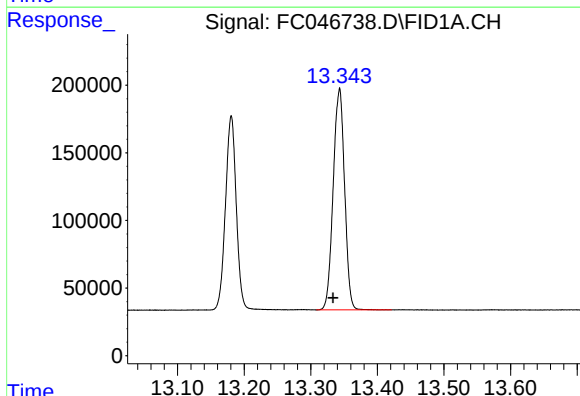
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: 0.009 min
Response: 2082652
Conc: 19.05 ug/ml



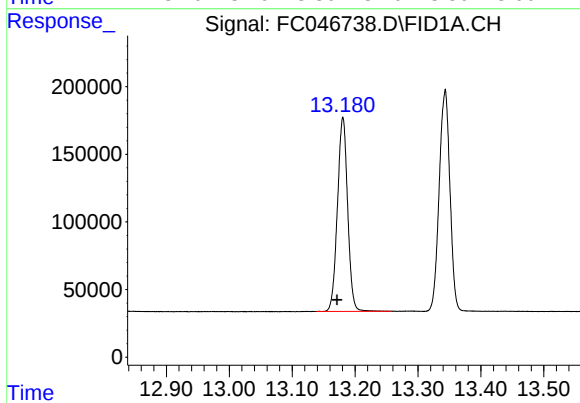
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: 0.008 min
Response: 1959649
Conc: 19.17 ug/ml



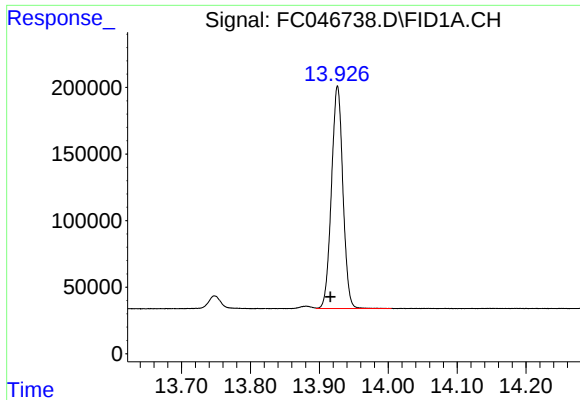
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: 0.009 min
Response: 1945845
Conc: 18.87 ug/ml



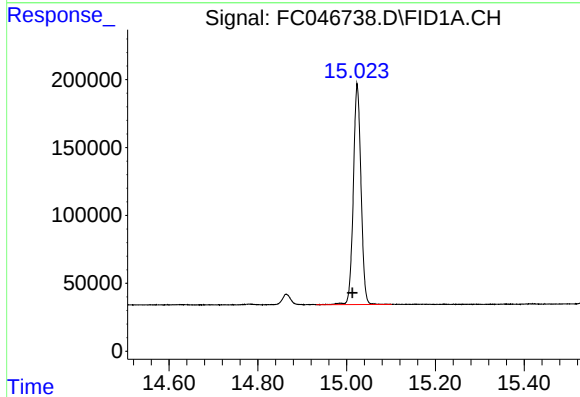
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: 0.009 min
Response: 1618379
Conc: 18.78 ug/ml



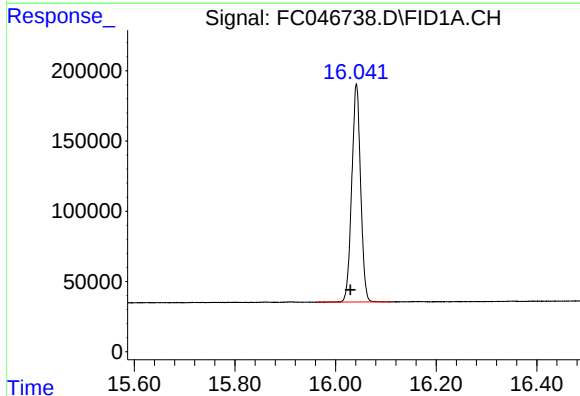
#13 n-Docosane (C22)

R.T.: 13.926 min
Delta R.T.: 0.010 min
Response: 1930213
Conc: 18.80 ug/ml



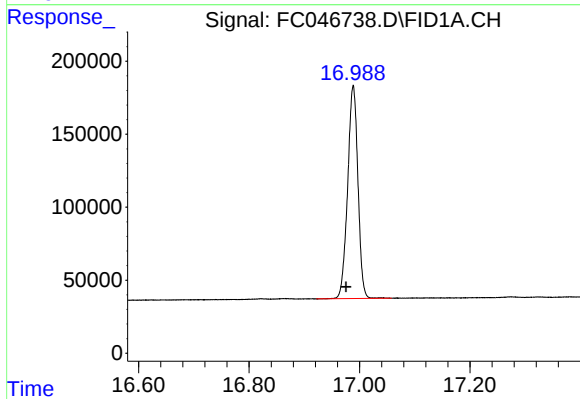
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: 0.011 min
Response: 1941531
Conc: 18.81 ug/ml



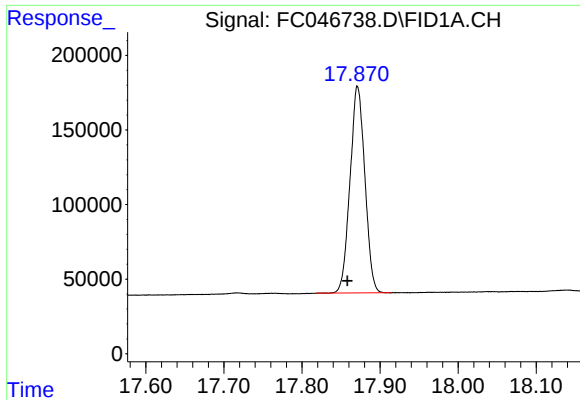
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: 0.012 min
Response: 1898111
Conc: 18.50 ug/ml



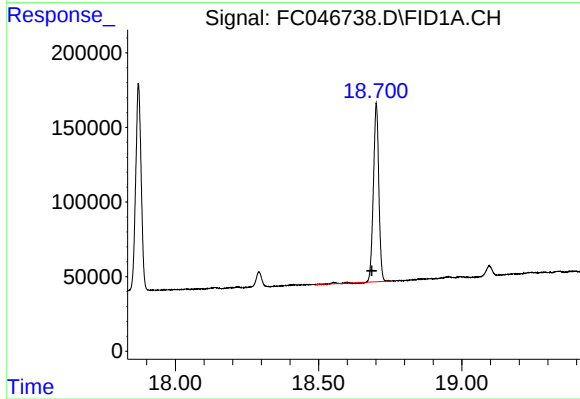
#16 n-Octacosane (C28)

R.T.: 16.989 min
Delta R.T.: 0.013 min
Response: 1884582
Conc: 18.52 ug/ml



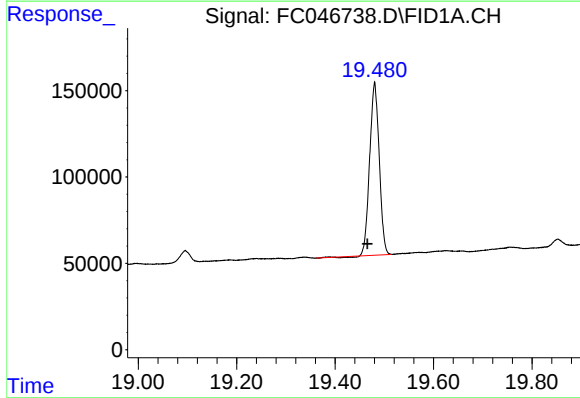
#17 n-Tricontane (C30)

R.T.: 17.871 min
Delta R.T.: 0.013 min
Response: 1832117
Conc: 18.70 ug/ml



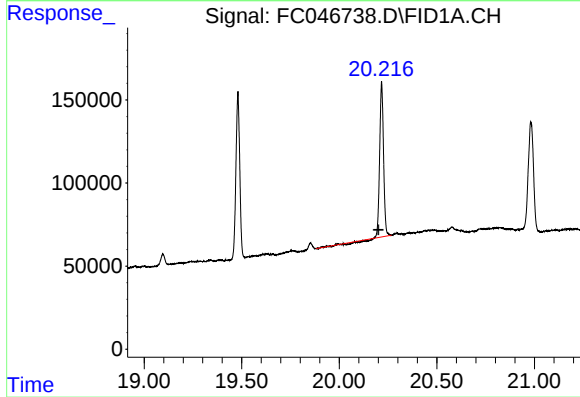
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: 0.016 min
Response: 1564060
Conc: 18.66 ug/ml



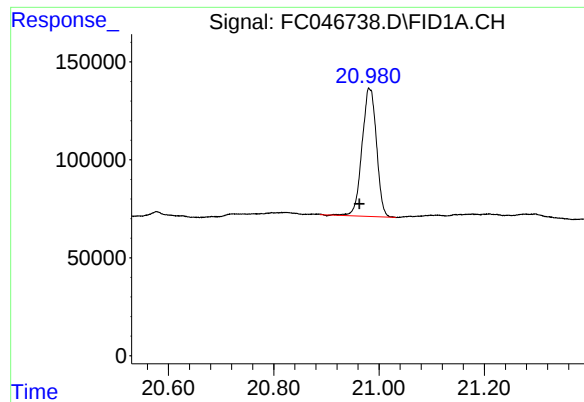
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: 0.015 min
Response: 1342484
Conc: 18.74 ug/ml



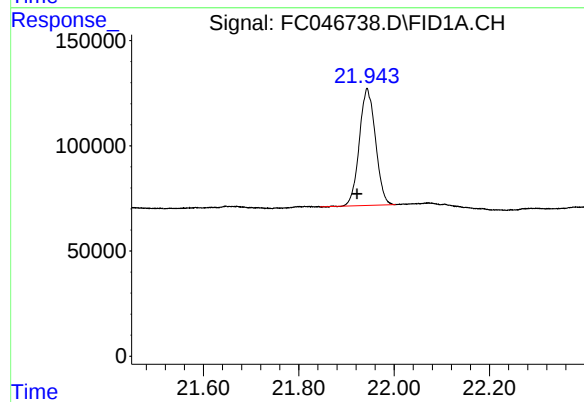
#20 n-Hexatriacontane (C36)

R.T.: 20.217 min
Delta R.T.: 0.015 min
Response: 1242744
Conc: 17.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.982 min
Delta R.T.: 0.020 min
Response: 1246338
Conc: 19.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: 0.021 min
Response: 1299515
Conc: 18.78 ug/ml