

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041020AL\
 Data File : FC046776.D
 Signal(s) : FID1A.CH
 Acq On : 11 Apr 2020 6:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 11 07:06:21 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)	11.761	2063761	18.879 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	13.177	1604649	18.620 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
Target Compounds			
1) T n-Nonane (C9)	3.544	2006570	20.894 ug/ml
2) T n-Decane (C10)	4.612	2043229	21.274 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2132016	21.278 ug/ml
4) T n-Dodecane (C12)	6.620	2062416	21.129 ug/ml
5) T A~2-methylnaphthalene...	7.264	2123022	20.999 ug/ml
6) T n-Tetradecane (C14)	8.403	2036889	20.686 ug/ml
7) T n-Hexadecane (C16)	9.994	2004650	20.080 ug/ml
8) T n-Octadecane (C18)	11.428	1983284	19.540 ug/ml
10) T n-Eicosane (C20)	12.730	1938806	18.965 ug/ml
11) T n-Heneicosane (C21)	13.340	1928058	18.700 ug/ml
13) T n-Docosane (C22)	13.923	1915846	18.663 ug/ml
14) T n-Tetracosane (C24)	15.021	1933071	18.727 ug/ml
15) T n-Hexacosane (C26)	16.036	1912906	18.644 ug/ml
16) T n-Octacosane (C28)	16.983	1918372	18.849 ug/ml
17) T n-Tricontane (C30)	17.867	1886629	19.257 ug/ml
18) T n-Dotriacontane (C32)	18.696	1634087	19.491 ug/mlm
19) T n-Tetratriacontane (C34)	19.474	1404149	19.598 ug/mlm
20) T n-Hexatriacontane (C36)	20.211	1325575	18.922 ug/mlm
21) T n-Octatriacontane (C38)	20.976	1289094	20.429 ug/ml
22) T n-Tetracontane (C40)	21.936	1321108	19.091 ug/ml

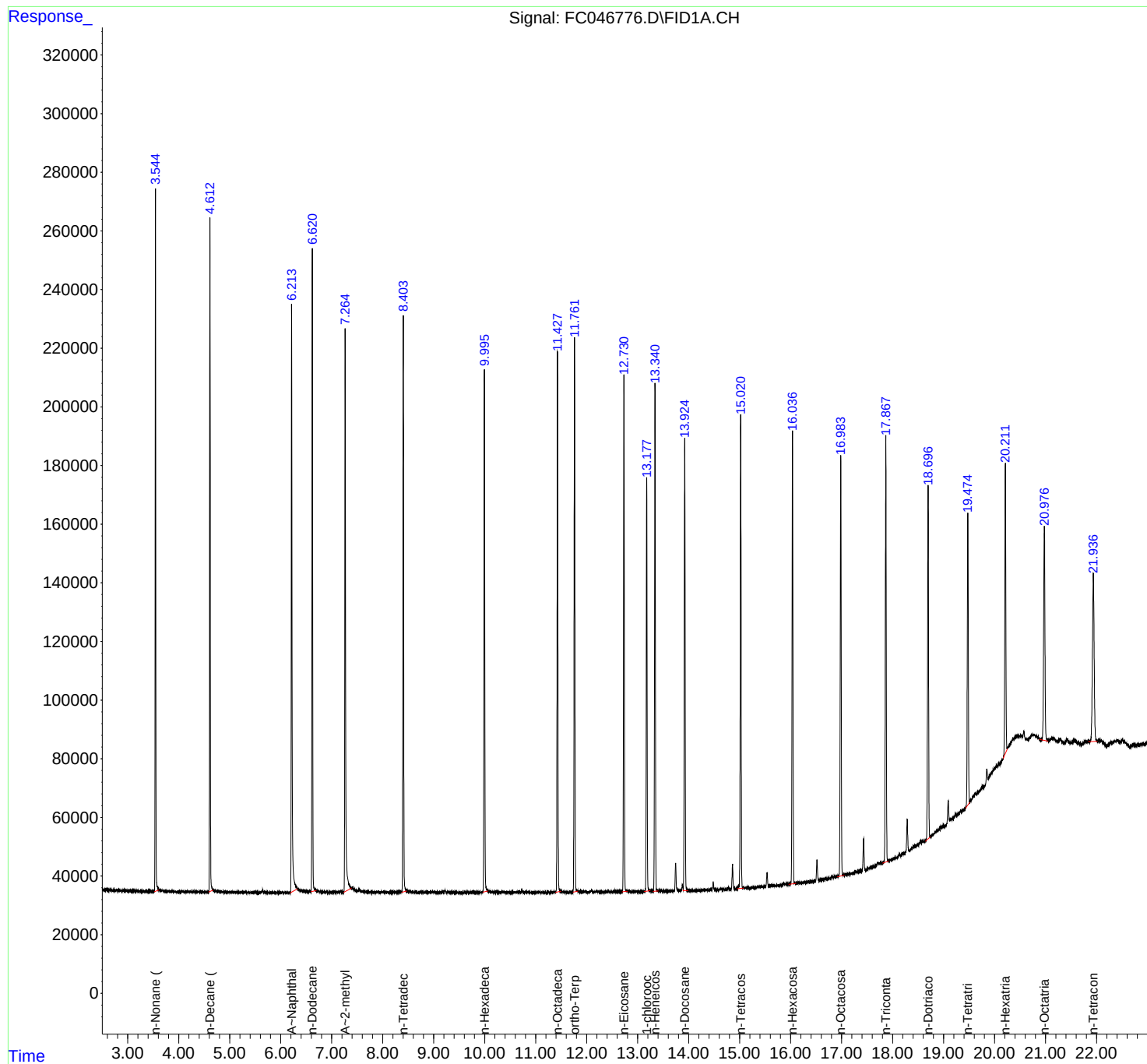
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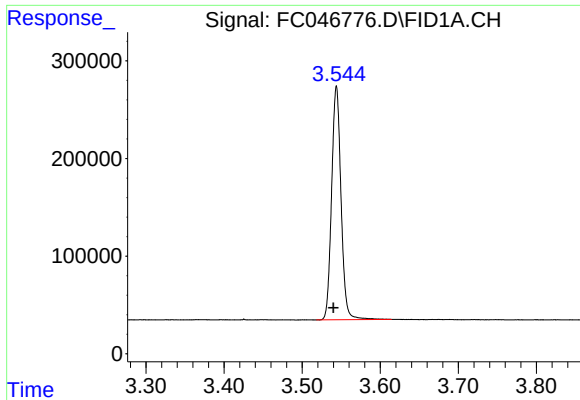
(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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QLast Update : Tue Mar 24 12:45:07 2020
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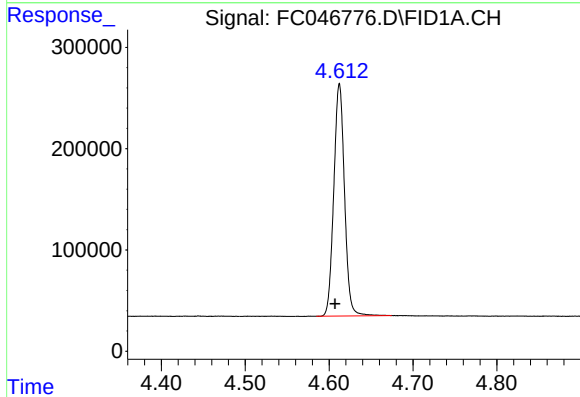
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





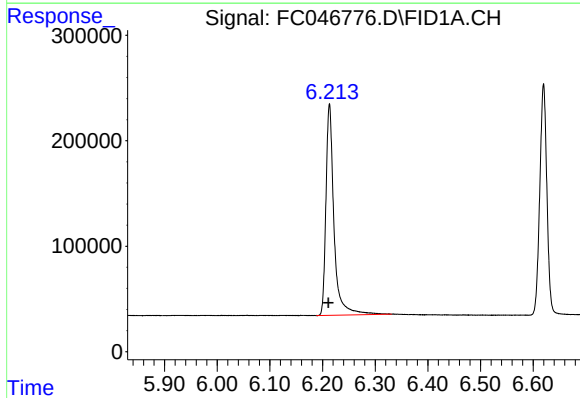
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 2006570
Conc: 20.89 ug/ml



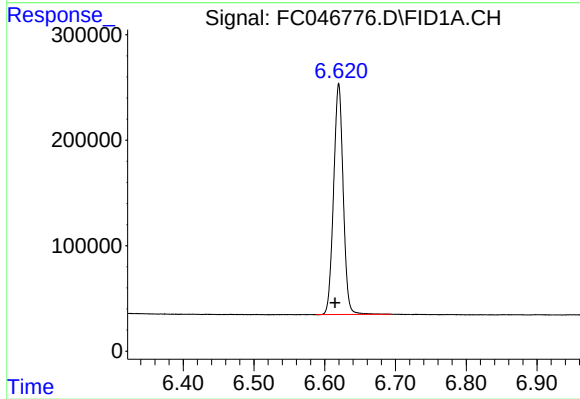
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: 0.005 min
Response: 2043229
Conc: 21.27 ug/ml



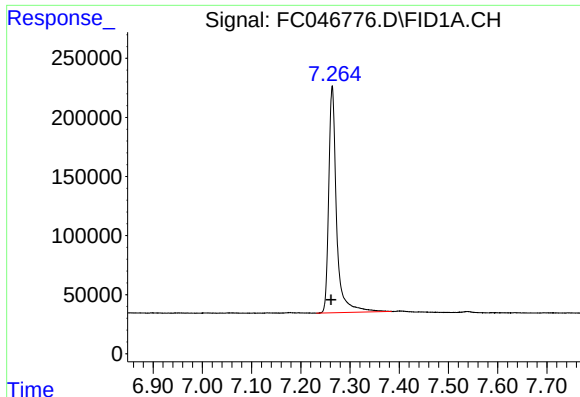
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.002 min
Response: 2132016
Conc: 21.28 ug/ml



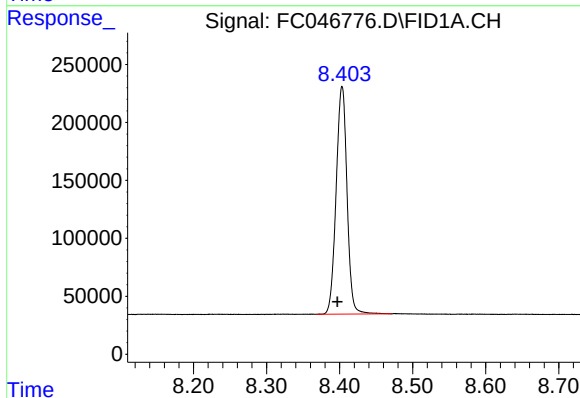
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.005 min
Response: 2062416
Conc: 21.13 ug/ml



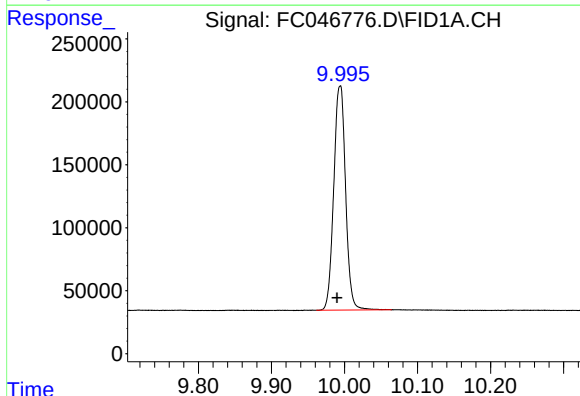
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 2123022
Conc: 21.00 ug/ml



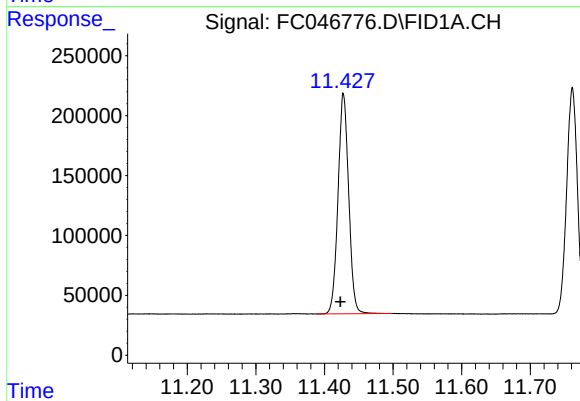
#6 n-Tetradecane (C14)

R.T.: 8.403 min
Delta R.T.: 0.006 min
Response: 2036889
Conc: 20.69 ug/ml



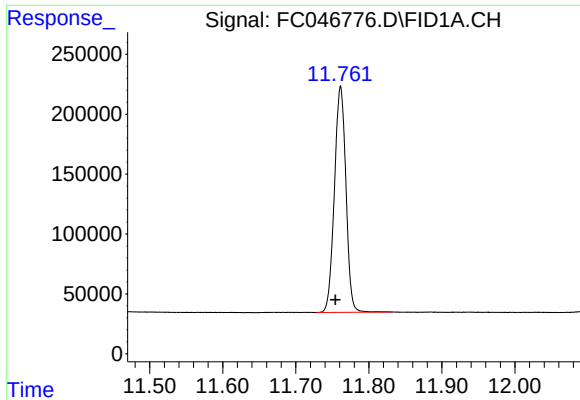
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: 0.004 min
Response: 2004650
Conc: 20.08 ug/ml



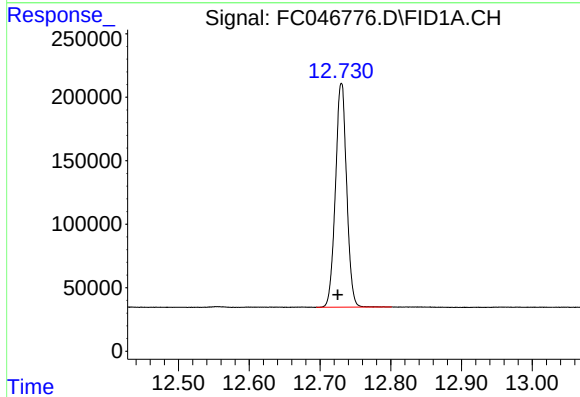
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: 0.005 min
Response: 1983284
Conc: 19.54 ug/ml



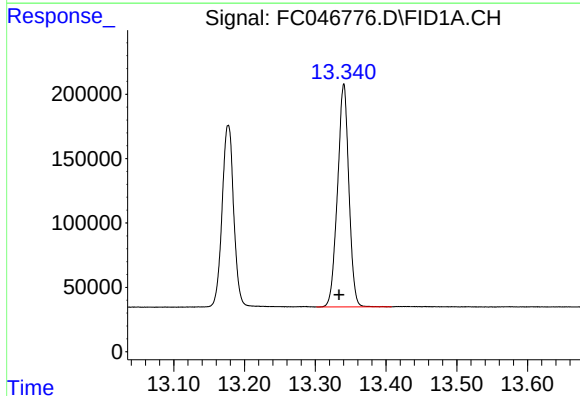
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: 0.007 min
Response: 2063761
Conc: 18.88 ug/ml



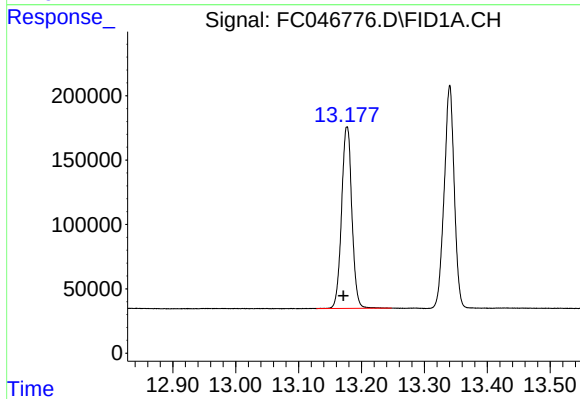
#10 n-Eicosane (C20)

R.T.: 12.730 min
Delta R.T.: 0.005 min
Response: 1938806
Conc: 18.96 ug/ml



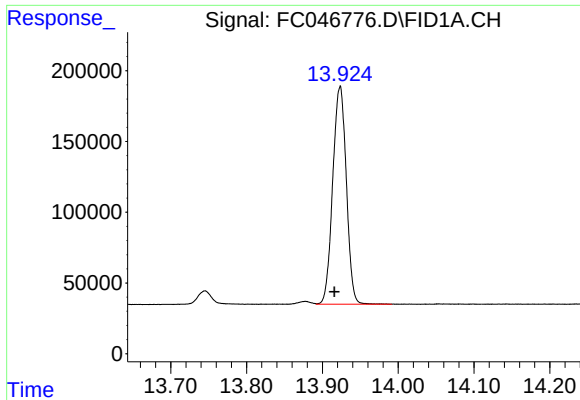
#11 n-Heneicosane (C21)

R.T.: 13.340 min
Delta R.T.: 0.006 min
Response: 1928058
Conc: 18.70 ug/ml



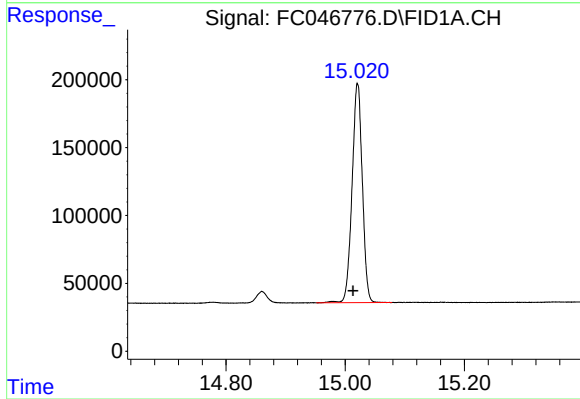
#12 1-chlorooctadecane (SURR)

R.T.: 13.177 min
Delta R.T.: 0.006 min
Response: 1604649
Conc: 18.62 ug/ml



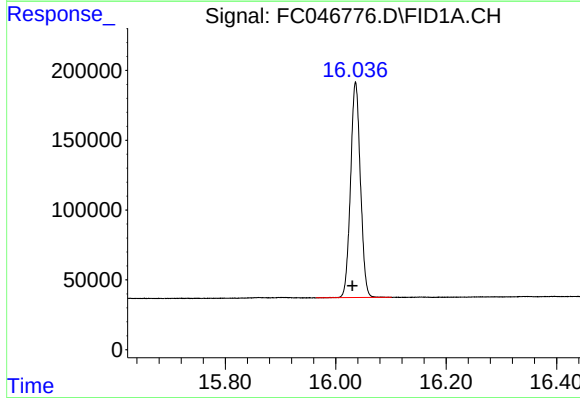
#13 n-Docosane (C22)

R.T.: 13.923 min
Delta R.T.: 0.007 min
Response: 1915846
Conc: 18.66 ug/ml



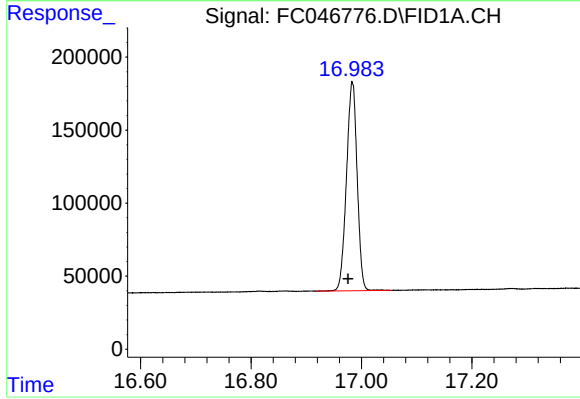
#14 n-Tetracosane (C24)

R.T.: 15.021 min
Delta R.T.: 0.007 min
Response: 1933071
Conc: 18.73 ug/ml



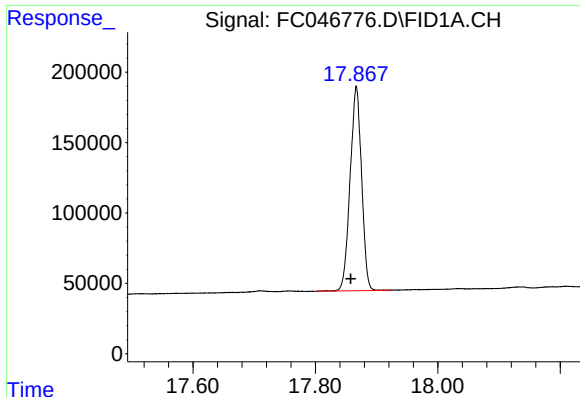
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.006 min
Response: 1912906
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.983 min
Delta R.T.: 0.008 min
Response: 1918372
Conc: 18.85 ug/ml



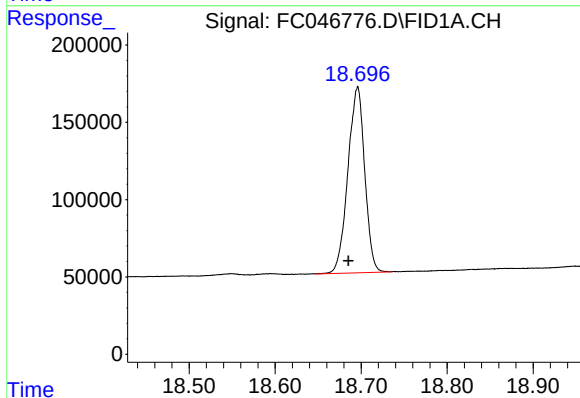
#17 n-Tricontane (C30)

R.T.: 17.867 min

Delta R.T.: 0.009 min

Response: 1886629

Conc: 19.26 ug/ml



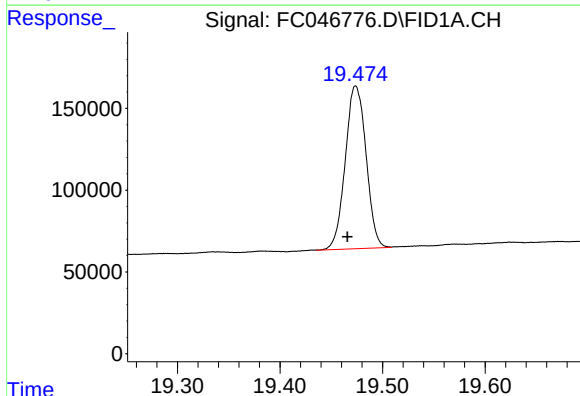
#18 n-Dotriacontane (C32)

R.T.: 18.696 min

Delta R.T.: 0.011 min

Response: 1634087

Conc: 19.49 ug/ml m



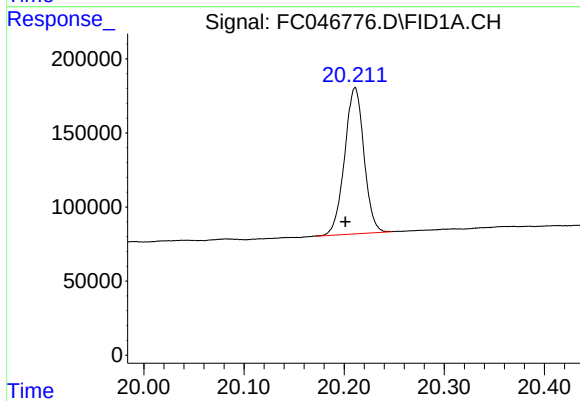
#19 n-Tetratriacontane (C34)

R.T.: 19.474 min

Delta R.T.: 0.008 min

Response: 1404149

Conc: 19.60 ug/ml m



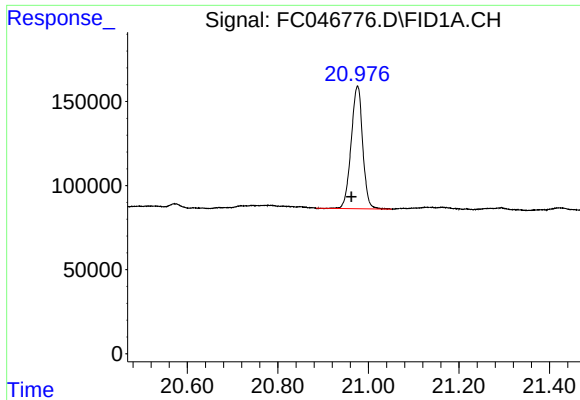
#20 n-Hexatriacontane (C36)

R.T.: 20.211 min

Delta R.T.: 0.010 min

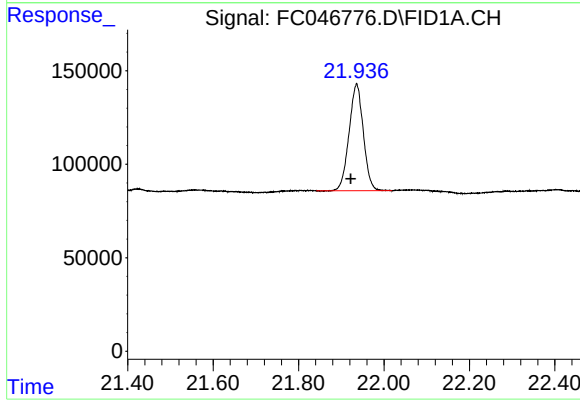
Response: 1325575

Conc: 18.92 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: 0.013 min
Response: 1289094
Conc: 20.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: 0.013 min
Response: 1321108
Conc: 19.09 ug/ml