

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040820AL\
 Data File : FC046710.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2020 8:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 02:23:11 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	2235381	20.449 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
12) S 1-chlorooctadecane (S...	13.181	1728282	20.055 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
Target Compounds			
1) T n-Nonane (C9)	3.541	2186102	22.763 ug/ml
2) T n-Decane (C10)	4.610	2200371	22.910 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2301657	22.971 ug/ml
4) T n-Dodecane (C12)	6.619	2220583	22.750 ug/ml
5) T A~2-methylnaphthalene...	7.263	2321435	22.961 ug/ml
6) T n-Tetradecane (C14)	8.404	2192045	22.261 ug/ml
7) T n-Hexadecane (C16)	9.996	2174931	21.786 ug/ml
8) T n-Octadecane (C18)	11.431	2159366	21.275 ug/ml
10) T n-Eicosane (C20)	12.734	2109303	20.633 ug/ml
11) T n-Heneicosane (C21)	13.343	2095158	20.321 ug/ml
13) T n-Docosane (C22)	13.927	2061810	20.085 ug/ml
14) T n-Tetracosane (C24)	15.026	2026312	19.630 ug/ml
15) T n-Hexacosane (C26)	16.042	1993562	19.430 ug/ml
16) T n-Octacosane (C28)	16.988	1975201	19.408 ug/ml
17) T n-Tricontane (C30)	17.874	1912123	19.517 ug/ml
18) T n-Dotriacontane (C32)	18.702	1632772	19.475 ug/ml
19) T n-Tetratriacontane (C34)	19.481	1412991	19.722 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1315996	18.785 ug/ml
21) T n-Octatriacontane (C38)	20.983	1329056	21.062 ug/ml
22) T n-Tetracontane (C40)	21.950	1397590	20.197 ug/ml

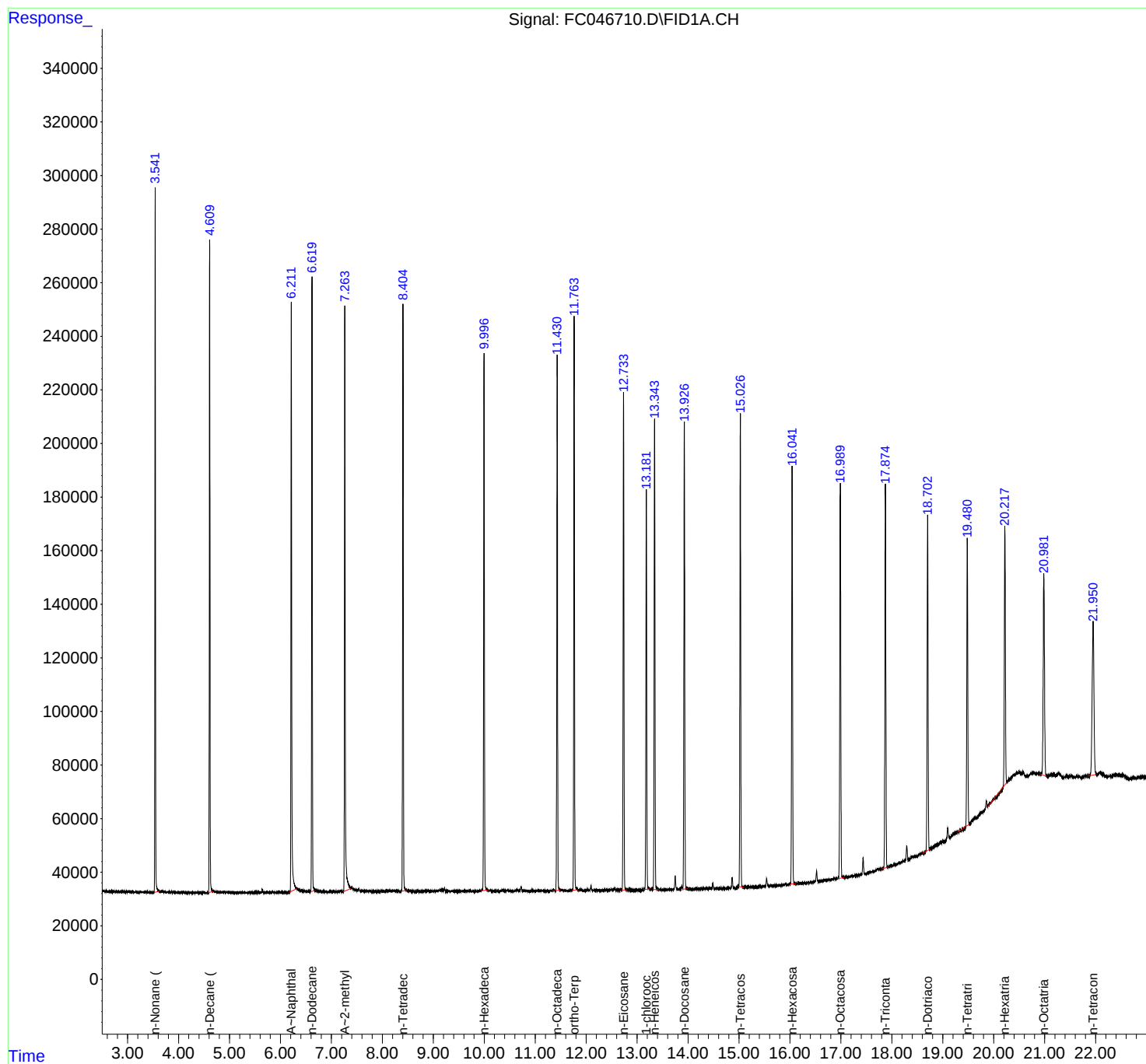
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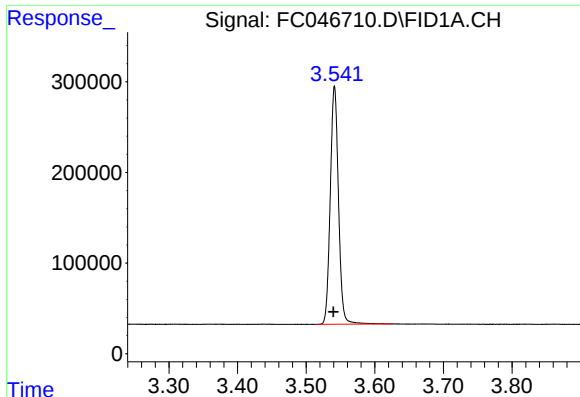
(m)=manual int.

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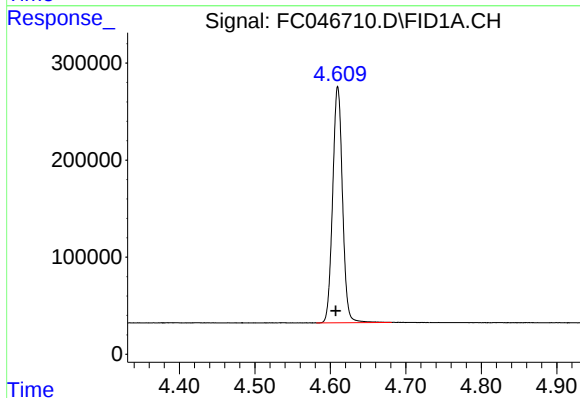
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





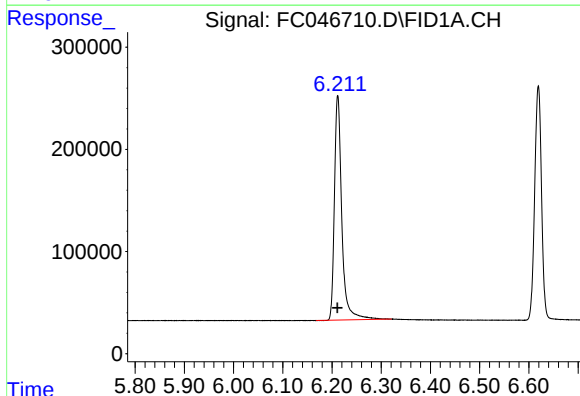
#1 n-Nonane (C9)

R.T.: 3.541 min
Delta R.T.: 0.001 min
Response: 2186102
Conc: 22.76 ug/ml



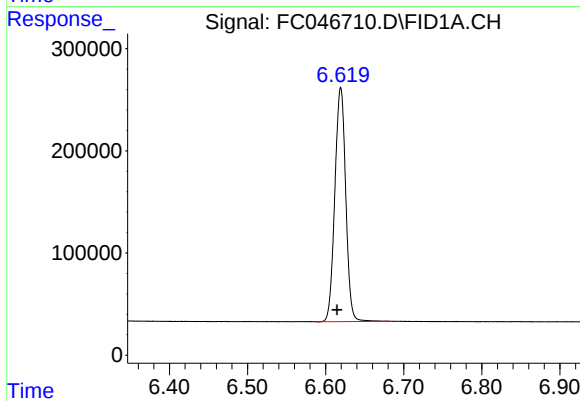
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.003 min
Response: 2200371
Conc: 22.91 ug/ml



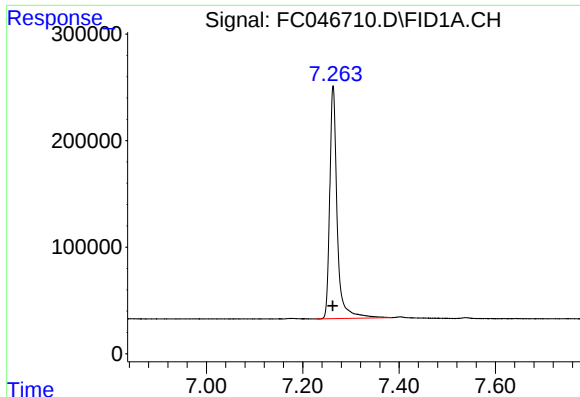
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 2301657
Conc: 22.97 ug/ml



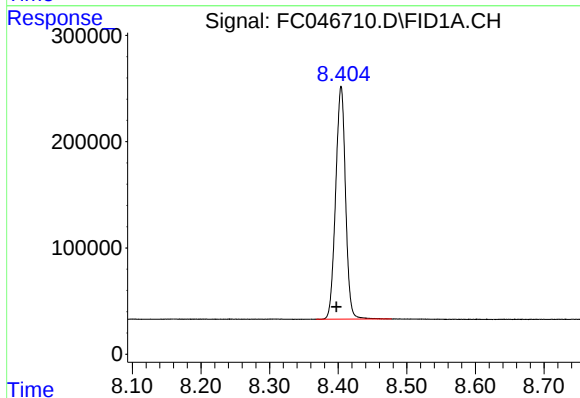
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: 0.005 min
Response: 2220583
Conc: 22.75 ug/ml



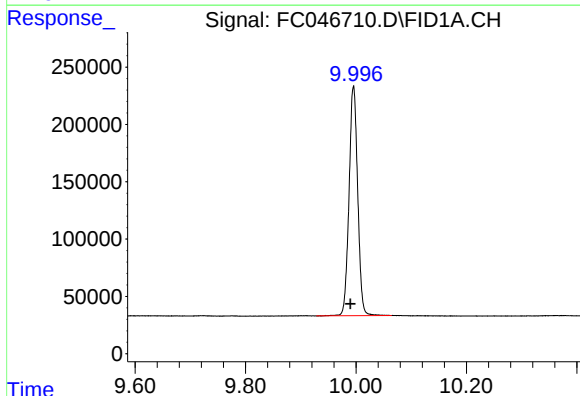
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: 0.001 min
Response: 2321435
Conc: 22.96 ug/ml



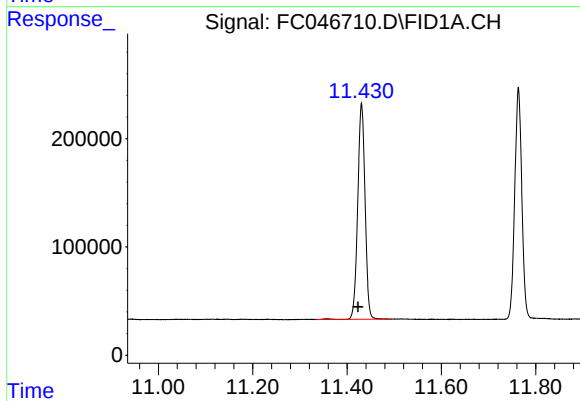
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.007 min
Response: 2192045
Conc: 22.26 ug/ml



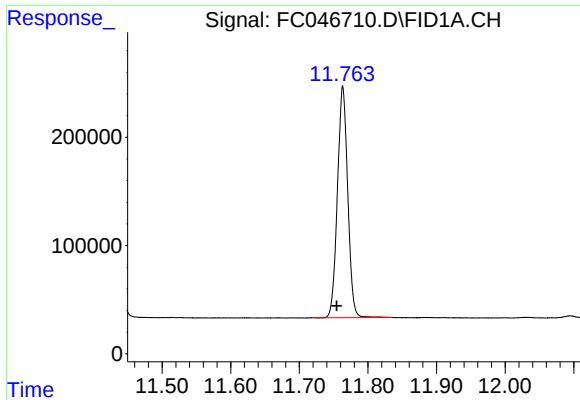
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.006 min
Response: 2174931
Conc: 21.79 ug/ml



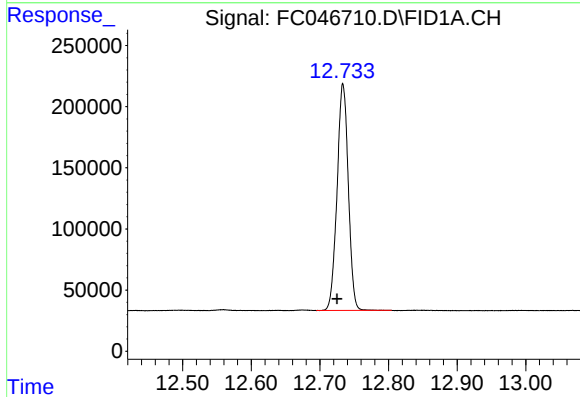
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: 0.008 min
Response: 2159366
Conc: 21.28 ug/ml



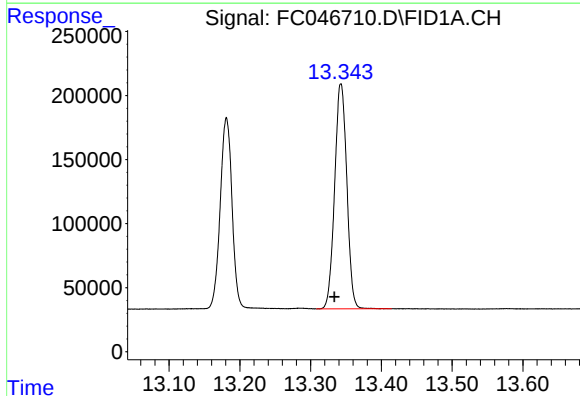
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min
Delta R.T.: 0.009 min
Response: 2235381
Conc: 20.45 ug/ml



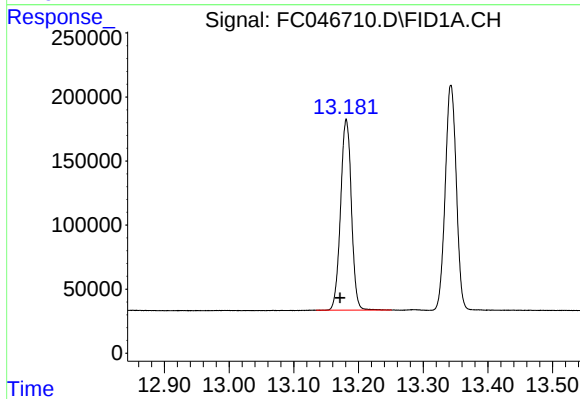
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: 0.009 min
Response: 2109303
Conc: 20.63 ug/ml



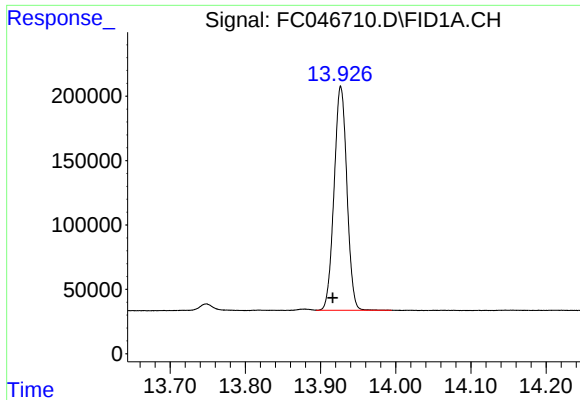
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: 0.009 min
Response: 2095158
Conc: 20.32 ug/ml



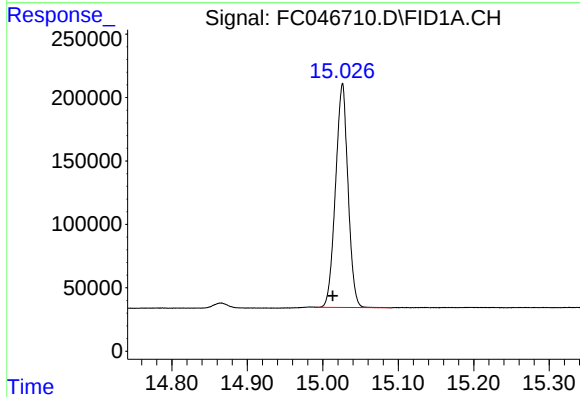
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: 0.010 min
Response: 1728282
Conc: 20.05 ug/ml



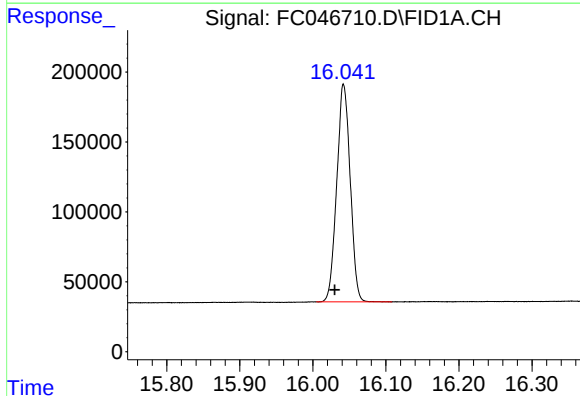
#13 n-Docosane (C22)

R.T.: 13.927 min
Delta R.T.: 0.011 min
Response: 2061810
Conc: 20.09 ug/ml



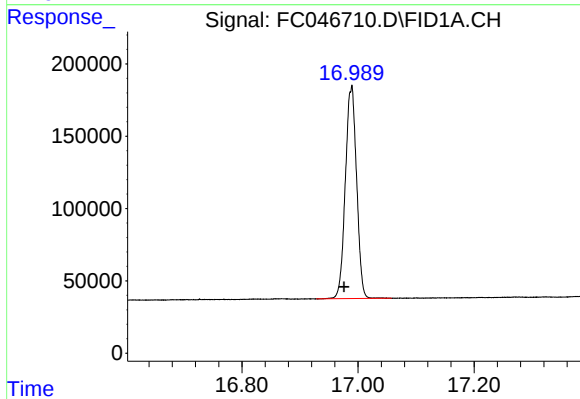
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: 0.012 min
Response: 2026312
Conc: 19.63 ug/ml



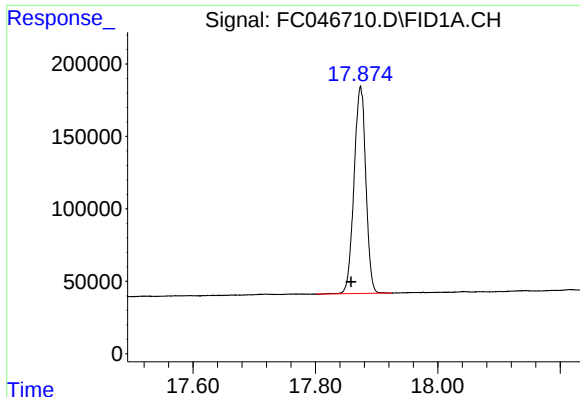
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: 0.012 min
Response: 1993562
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.988 min
Delta R.T.: 0.013 min
Response: 1975201
Conc: 19.41 ug/ml



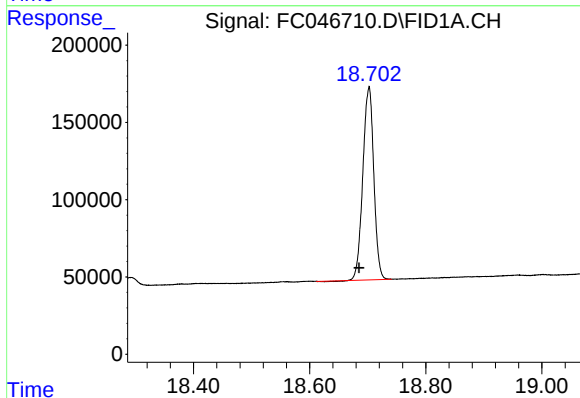
#17 n-Tricontane (C30)

R.T.: 17.874 min

Delta R.T.: 0.016 min

Response: 1912123

Conc: 19.52 ug/ml



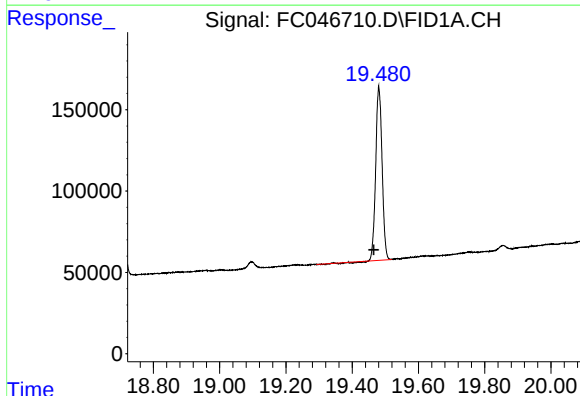
#18 n-Dotriacontane (C32)

R.T.: 18.702 min

Delta R.T.: 0.017 min

Response: 1632772

Conc: 19.47 ug/ml



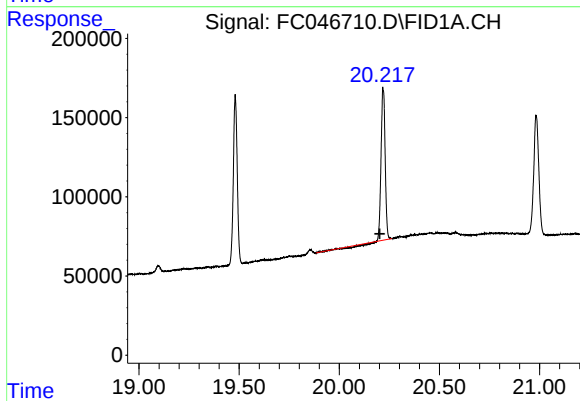
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min

Delta R.T.: 0.015 min

Response: 1412991

Conc: 19.72 ug/ml



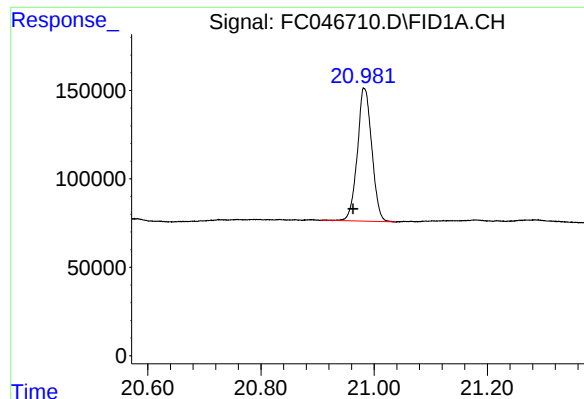
#20 n-Hexatriacontane (C36)

R.T.: 20.219 min

Delta R.T.: 0.018 min

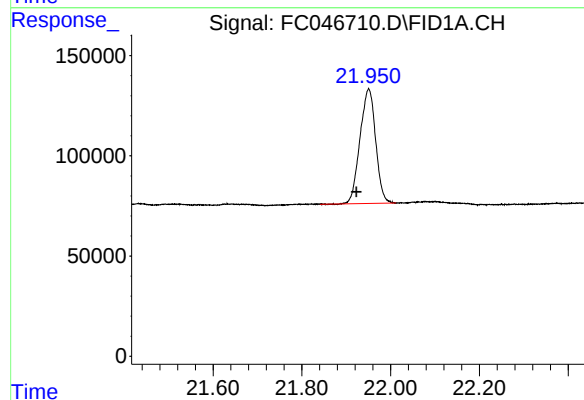
Response: 1315996

Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.983 min
Delta R.T.: 0.020 min
Response: 1329056
Conc: 21.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: 0.028 min
Response: 1397590
Conc: 20.20 ug/ml