

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092120AL\
 Data File : FD034780.D
 Signal(s) : FID2B.CH
 Acq On : 21 Sep 2020 10:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 22 02:44:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 01:55:21 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)	11.585	2276407	18.423 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
12) S 1-chlorooctadecane (S...	13.015	1749067	17.858 ug/ml
Spiked Amount 50.000		Recovery =	35.72%
Target Compounds			
1) T n-Nonane (C9)	3.363	2160057	19.894 ug/ml
2) T n-Decane (C10)	4.431	2175853	19.857 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2366400	19.661 ug/ml
4) T n-Dodecane (C12)	6.446	2210334	19.819 ug/ml
5) T A~2-methylnaphthalene...	7.070	2396181	19.478 ug/ml
6) T n-Tetradecane (C14)	8.236	2194001	19.515 ug/ml
7) T n-Hexadecane (C16)	9.830	2134269	19.173 ug/ml
8) T n-Octadecane (C18)	11.266	2182458	18.800 ug/ml
10) T n-Eicosane (C20)	12.572	2145309	18.341 ug/ml
11) T n-Heneicosane (C21)	13.182	2116227	18.144 ug/ml
13) T n-Docosane (C22)	13.766	2088866	17.968 ug/ml
14) T n-Tetracosane (C24)	14.864	2038740	17.642 ug/ml
15) T n-Hexacosane (C26)	15.881	1979127	17.463 ug/ml
16) T n-Octacosane (C28)	16.827	1945067	17.376 ug/ml
17) T n-Tricontane (C30)	17.711	1902893	17.545 ug/ml
18) T n-Dotriacontane (C32)	18.539	1798925	17.853 ug/ml
19) T n-Tetratriacontane (C34)	19.317	1727096	18.289 ug/ml
20) T n-Hexatriacontane (C36)	20.054	1651278	19.007 ug/ml
21) T n-Octatriacontane (C38)	20.781	1583227	19.294 ug/ml
22) T n-Tetracontane (C40)	21.680	1676742	19.750 ug/ml

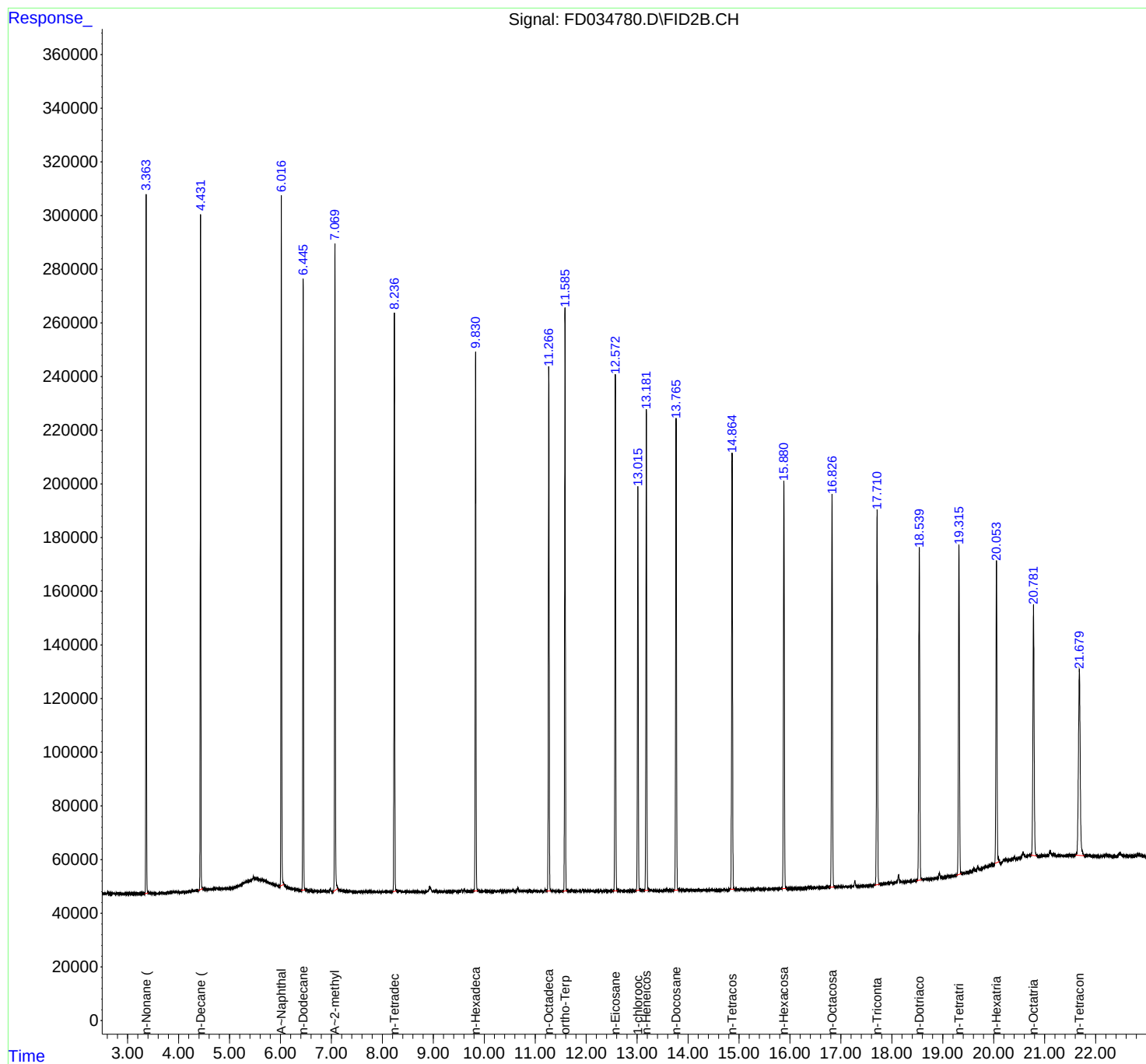
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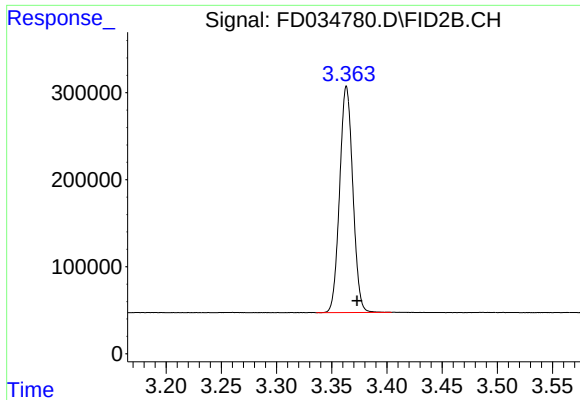
(m)=manual int.

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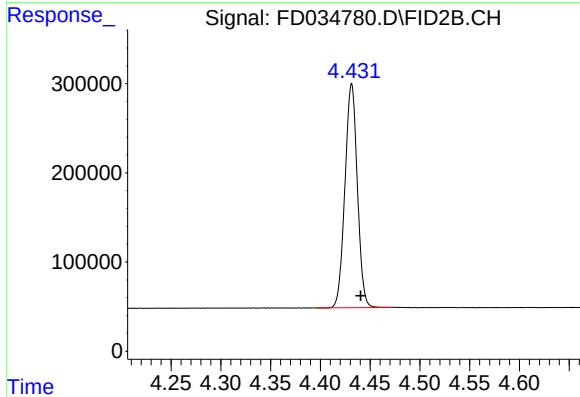
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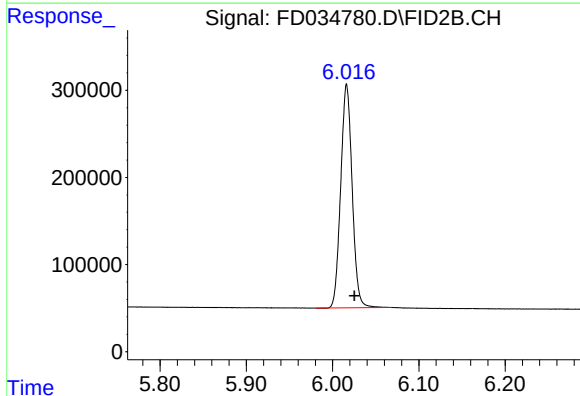
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: -0.010 min
Response: 2160057
Conc: 19.89 ug/ml



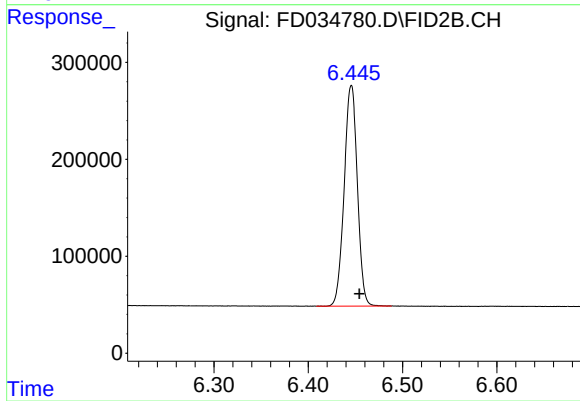
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: -0.009 min
Response: 2175853
Conc: 19.86 ug/ml



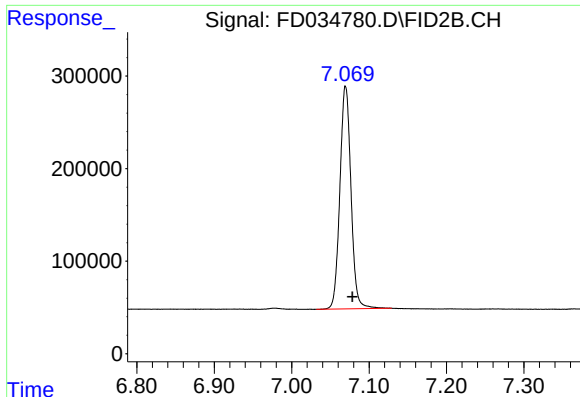
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.009 min
Response: 2366400
Conc: 19.66 ug/ml



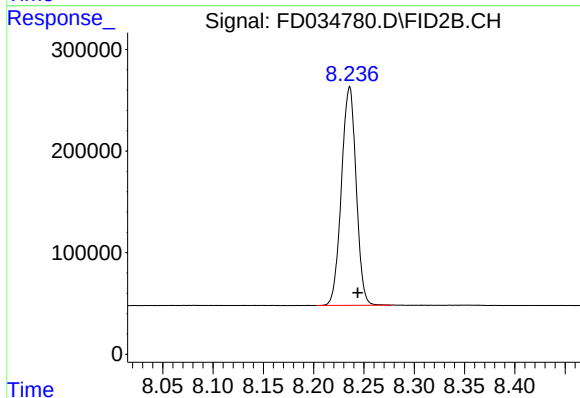
#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: -0.009 min
Response: 2210334
Conc: 19.82 ug/ml



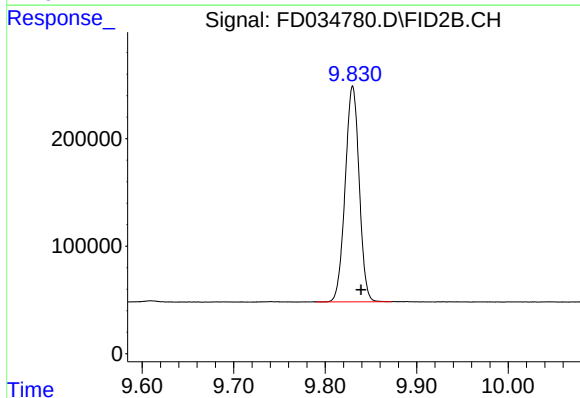
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.009 min
Response: 2396181
Conc: 19.48 ug/ml



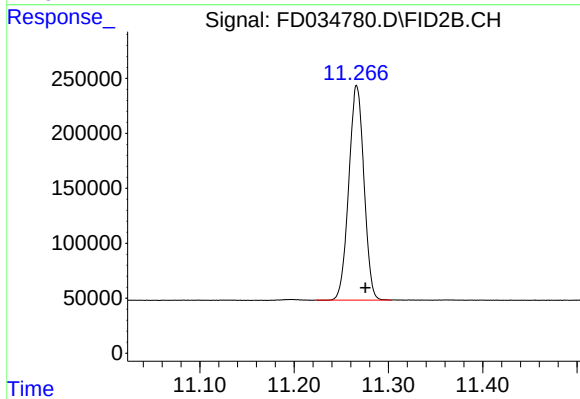
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: -0.008 min
Response: 2194001
Conc: 19.52 ug/ml



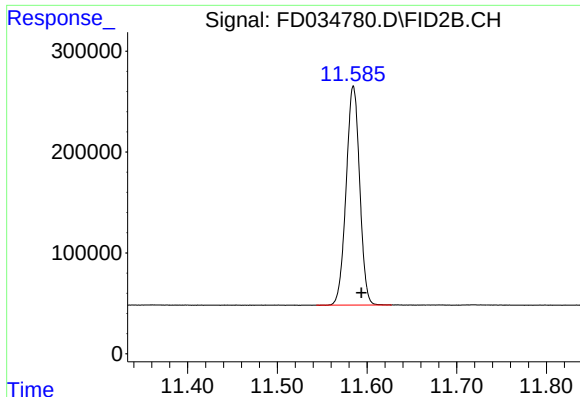
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: -0.009 min
Response: 2134269
Conc: 19.17 ug/ml



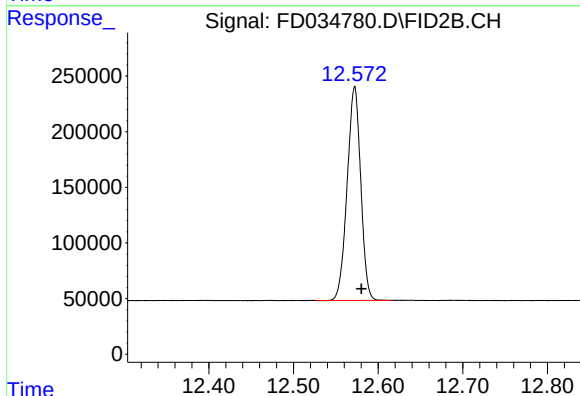
#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: -0.009 min
Response: 2182458
Conc: 18.80 ug/ml



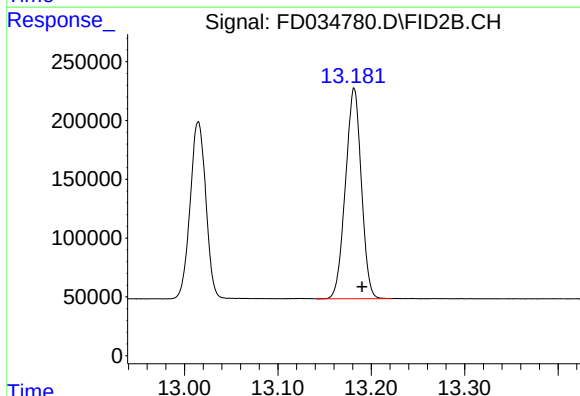
#9 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: -0.009 min
Response: 2276407
Conc: 18.42 ug/ml



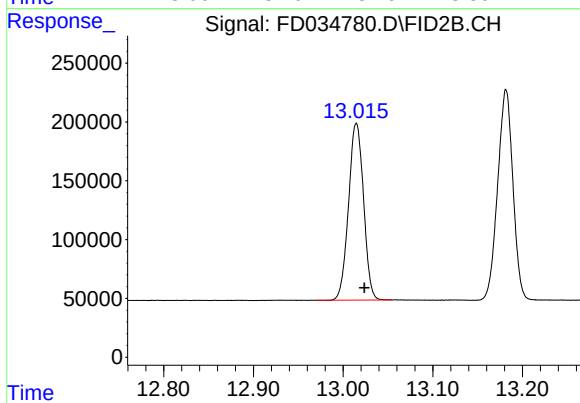
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: -0.008 min
Response: 2145309
Conc: 18.34 ug/ml



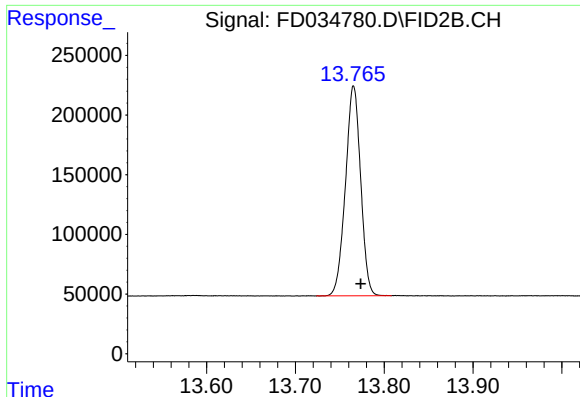
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: -0.009 min
Response: 2116227
Conc: 18.14 ug/ml



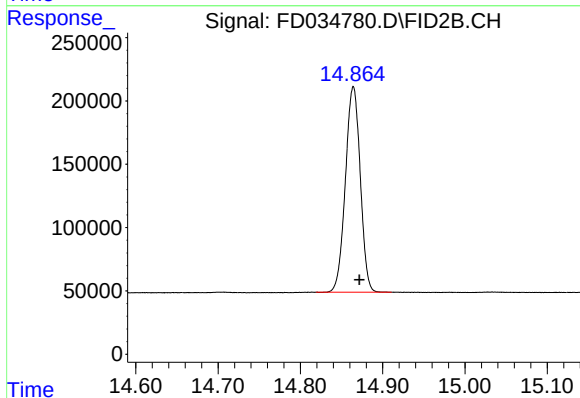
#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: -0.009 min
Response: 1749067
Conc: 17.86 ug/ml



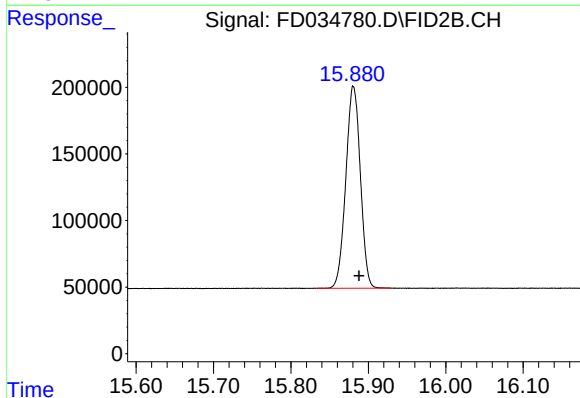
#13 n-Docosane (C22)

R.T.: 13.766 min
Delta R.T.: -0.008 min
Response: 2088866
Conc: 17.97 ug/ml



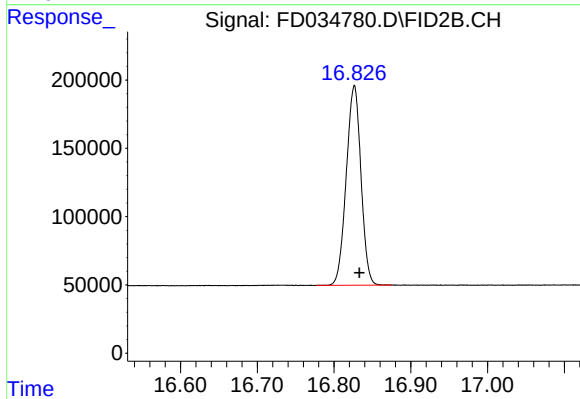
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.008 min
Response: 2038740
Conc: 17.64 ug/ml



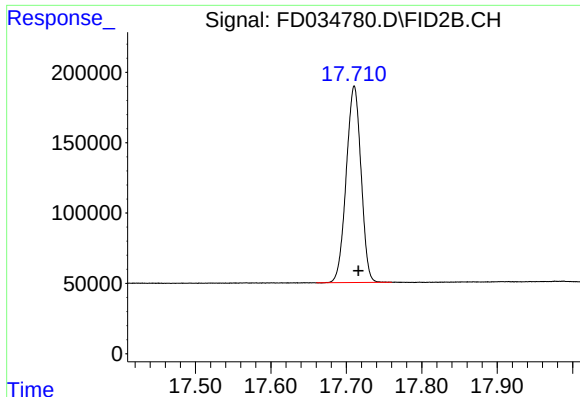
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.008 min
Response: 1979127
Conc: 17.46 ug/ml



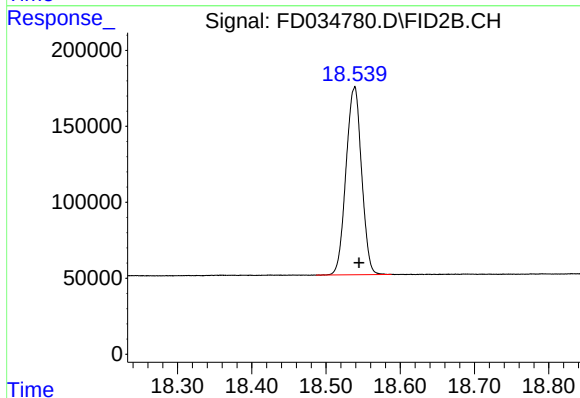
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: -0.006 min
Response: 1945067
Conc: 17.38 ug/ml



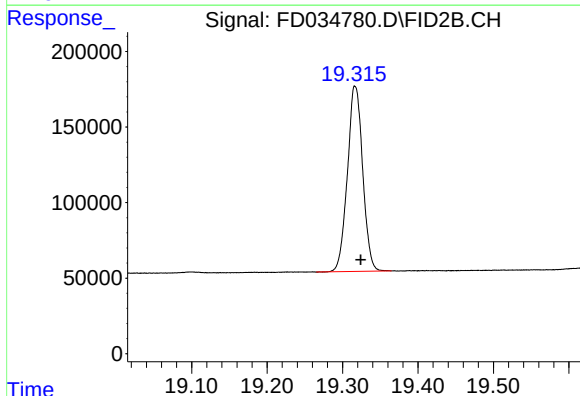
#17 n-Tricontane (C30)

R.T.: 17.711 min
Delta R.T.: -0.006 min
Response: 1902893
Conc: 17.54 ug/ml



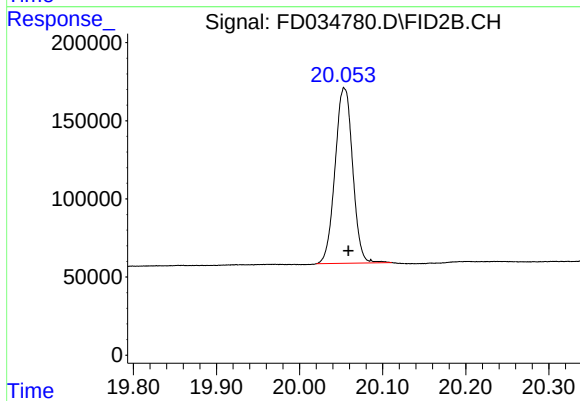
#18 n-Dotriacontane (C32)

R.T.: 18.539 min
Delta R.T.: -0.006 min
Response: 1798925
Conc: 17.85 ug/ml



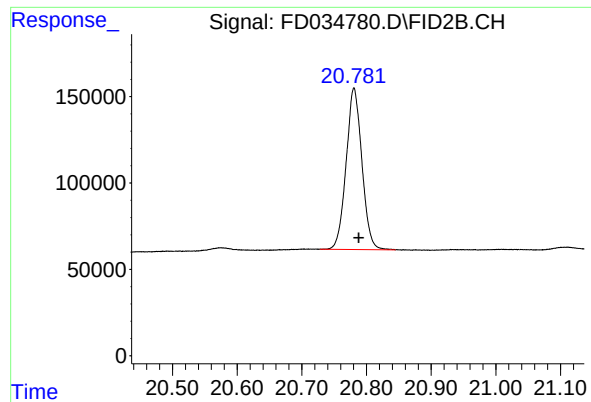
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.007 min
Response: 1727096
Conc: 18.29 ug/ml



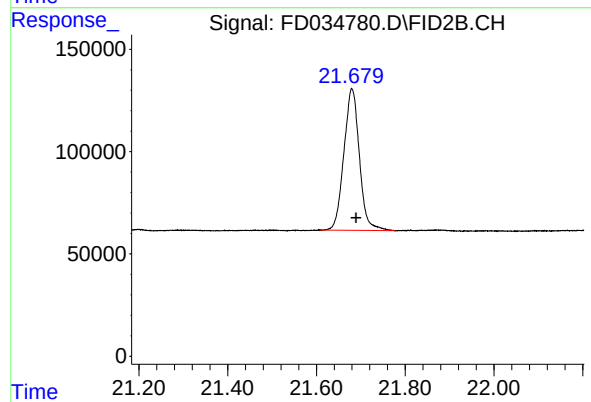
#20 n-Hexatriacontane (C36)

R.T.: 20.054 min
Delta R.T.: -0.005 min
Response: 1651278
Conc: 19.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.781 min
Delta R.T.: -0.007 min
Response: 1583227
Conc: 19.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.680 min
Delta R.T.: -0.010 min
Response: 1676742
Conc: 19.75 ug/ml