

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020222AL\
 Data File : FE034808.D
 Signal(s) : FID1B.CH
 Acq On : 02 Feb 2022 10:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 19:00:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:52:24 2022
 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)	11.056	2575668	20.072 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	12.490	1945027	20.155 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	2.909	2298271	20.161 ug/ml
2) T n-Decane (C10)	3.939	2333667	20.291 ug/ml
3) T A~Naphthalene (C11.7)	5.497	2597356	20.239 ug/ml
4) T n-Dodecane (C12)	5.933	2330932	20.315 ug/ml
5) T A~2-methylnaphthalene...	6.544	2607658	20.233 ug/ml
6) T n-Tetradecane (C14)	7.719	2357147	20.376 ug/ml
7) T n-Hexadecane (C16)	9.313	2337822	20.401 ug/ml
8) T n-Octadecane (C18)	10.748	2347709	20.380 ug/ml
10) T n-Eicosane (C20)	12.050	2268019	20.265 ug/ml
11) T n-Heneicosane (C21)	12.659	2263415	20.200 ug/ml
13) T n-Docosane (C22)	13.243	2219068	20.145 ug/ml
14) T n-Tetracosane (C24)	14.340	2167586	20.008 ug/ml
15) T n-Hexacosane (C26)	15.356	2091931	19.997 ug/ml
16) T n-Octacosane (C28)	16.302	2062758	20.210 ug/ml
17) T n-Tricontane (C30)	17.184	2038100	20.623 ug/ml
18) T n-Dotriacontane (C32)	18.013	1920378	20.909 ug/ml
19) T n-Tetratriacontane (C34)	18.793	1806108	20.736 ug/ml
20) T n-Hexatriacontane (C36)	19.530	1698464	20.644 ug/ml
21) T n-Octatriacontane (C38)	20.234	1628338	20.542 ug/ml
22) T n-Tetracontane (C40)	21.056	1631897	20.234 ug/ml

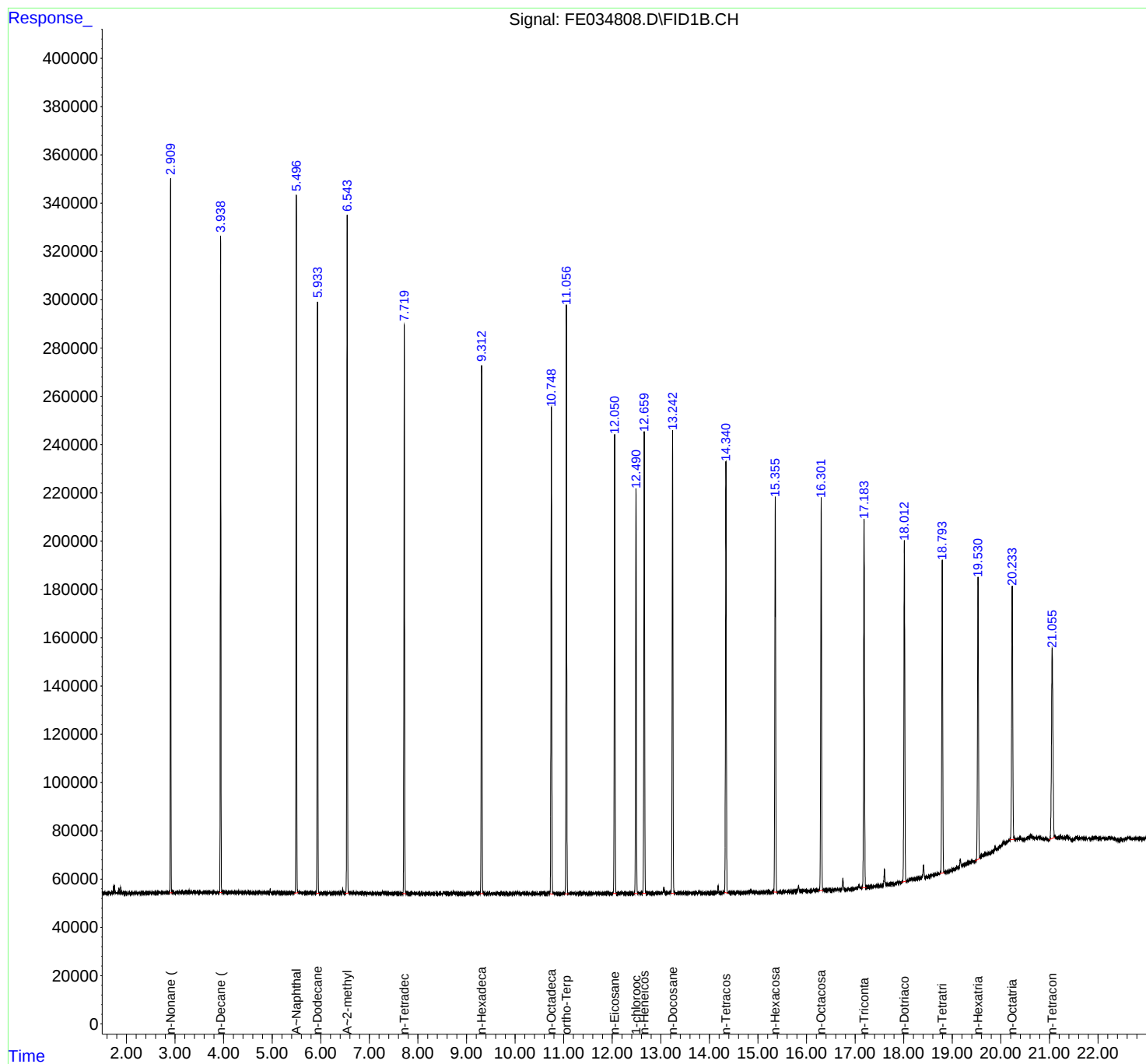
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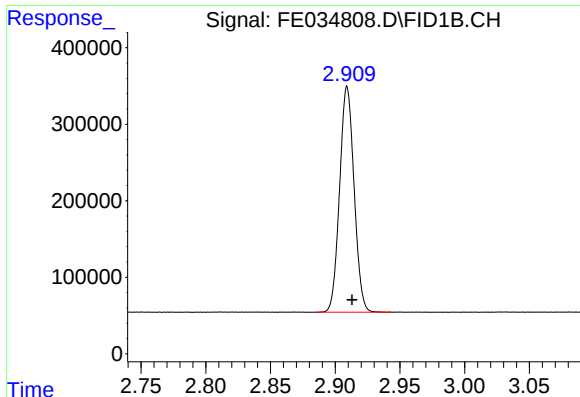
(m)=manual int.

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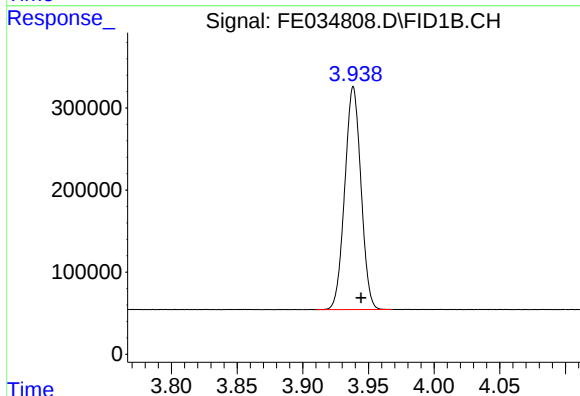
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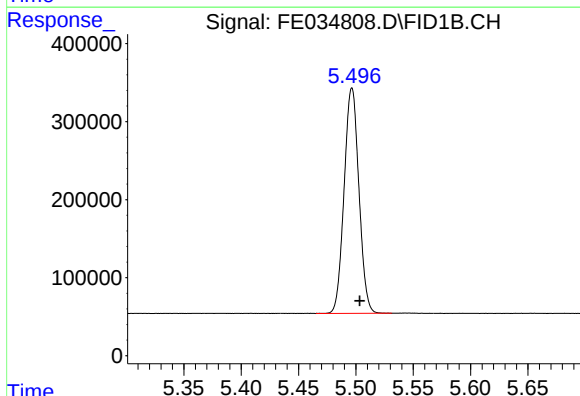
#1 n-Nonane (C9)

R.T.: 2.909 min
Delta R.T.: -0.004 min
Response: 2298271
Conc: 20.16 ug/ml



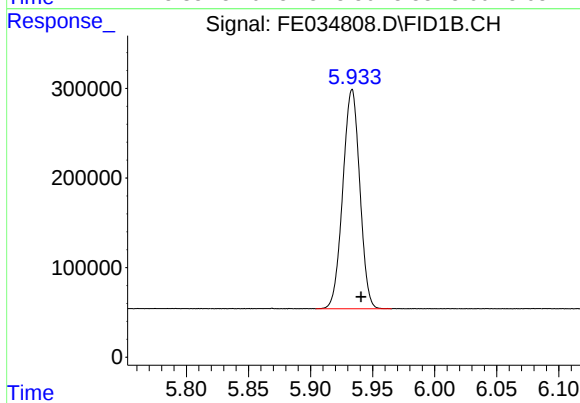
#2 n-Decane (C10)

R.T.: 3.939 min
Delta R.T.: -0.006 min
Response: 2333667
Conc: 20.29 ug/ml



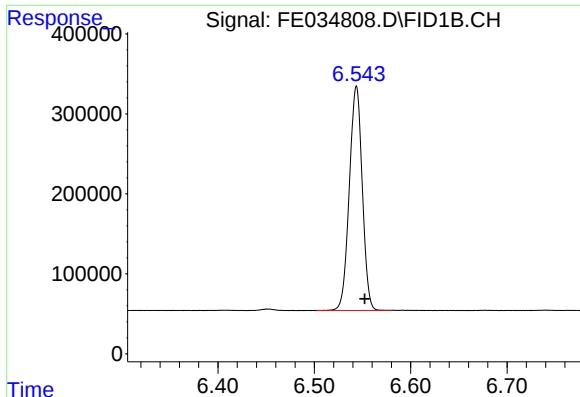
#3 A~Naphthalene (C11.7)

R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 2597356
Conc: 20.24 ug/ml



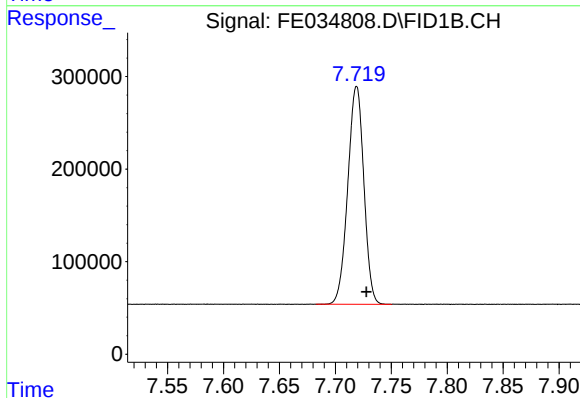
#4 n-Dodecane (C12)

R.T.: 5.933 min
Delta R.T.: -0.007 min
Response: 2330932
Conc: 20.31 ug/ml



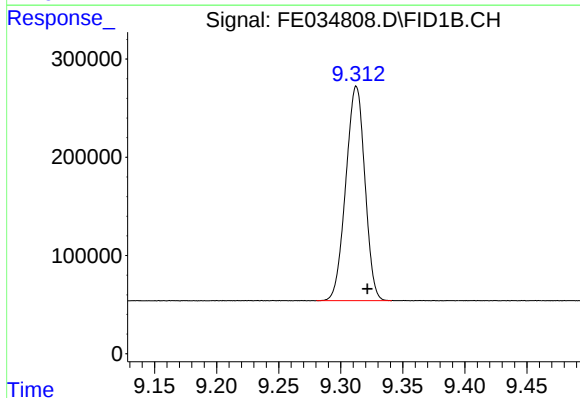
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 2607658
Conc: 20.23 ug/ml



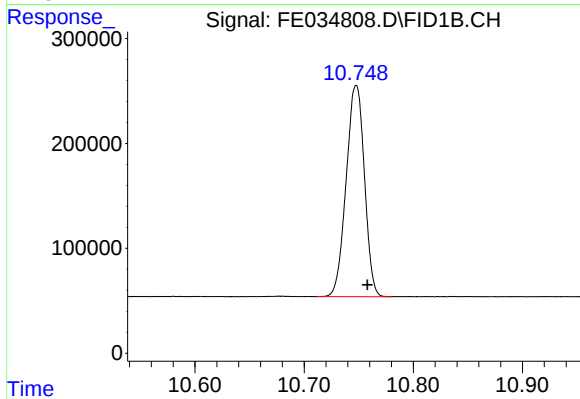
#6 n-Tetradecane (C14)

R.T.: 7.719 min
Delta R.T.: -0.009 min
Response: 2357147
Conc: 20.38 ug/ml



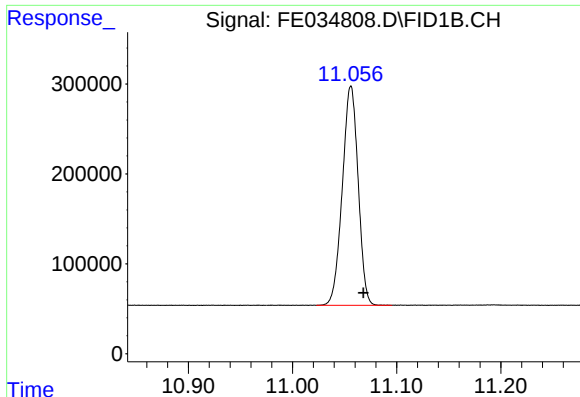
#7 n-Hexadecane (C16)

R.T.: 9.313 min
Delta R.T.: -0.009 min
Response: 2337822
Conc: 20.40 ug/ml



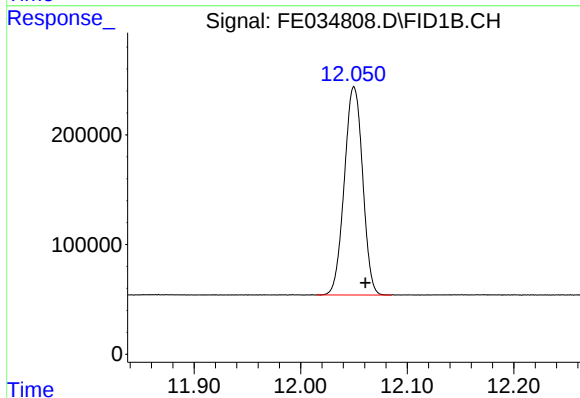
#8 n-Octadecane (C18)

R.T.: 10.748 min
Delta R.T.: -0.010 min
Response: 2347709
Conc: 20.38 ug/ml



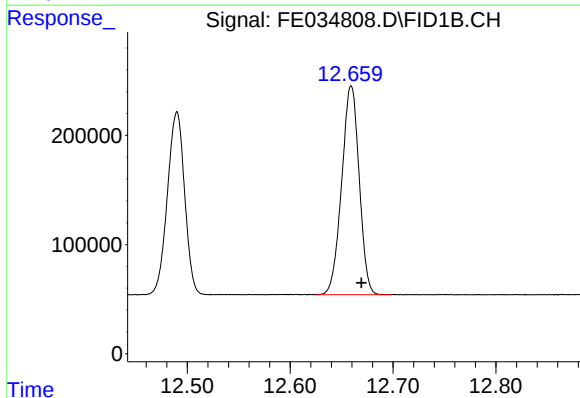
#9 ortho-Terphenyl (SURR)

R.T.: 11.056 min
Delta R.T.: -0.012 min
Response: 2575668
Conc: 20.07 ug/ml



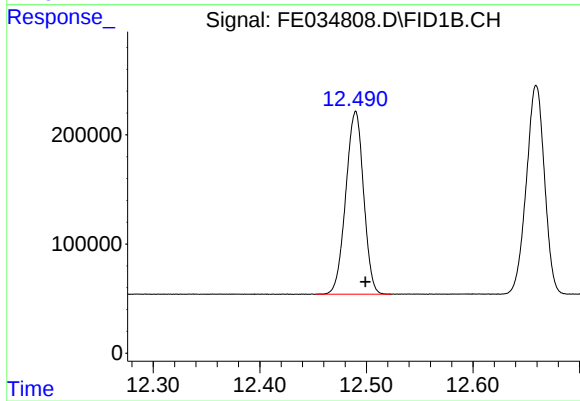
#10 n-Eicosane (C20)

R.T.: 12.050 min
Delta R.T.: -0.011 min
Response: 2268019
Conc: 20.26 ug/ml



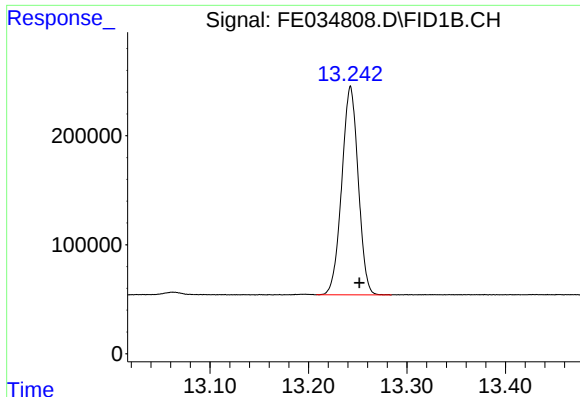
#11 n-Heneicosane (C21)

R.T.: 12.659 min
Delta R.T.: -0.010 min
Response: 2263415
Conc: 20.20 ug/ml



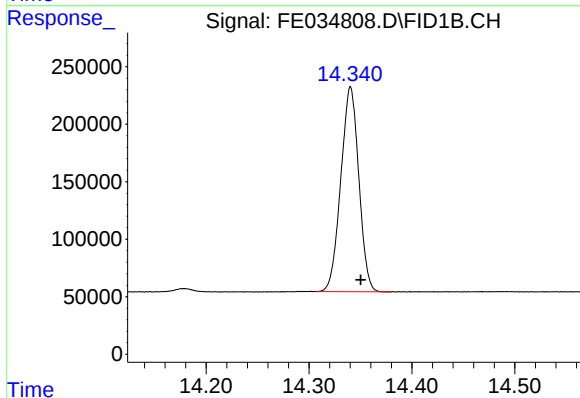
#12 1-chlorooctadecane (SURR)

R.T.: 12.490 min
Delta R.T.: -0.009 min
Response: 1945027
Conc: 20.15 ug/ml



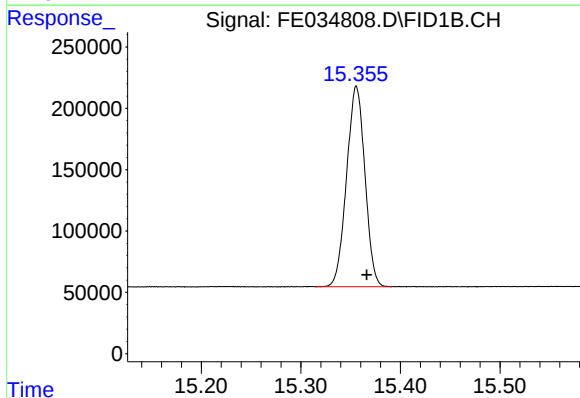
#13 n-Docosane (C22)

R.T.: 13.243 min
Delta R.T.: -0.009 min
Response: 2219068
Conc: 20.15 ug/ml



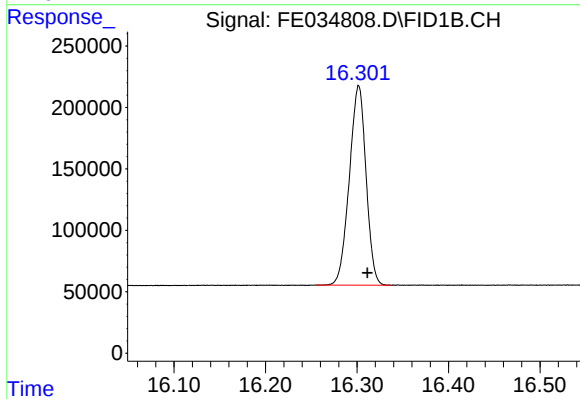
#14 n-Tetracosane (C24)

R.T.: 14.340 min
Delta R.T.: -0.010 min
Response: 2167586
Conc: 20.01 ug/ml



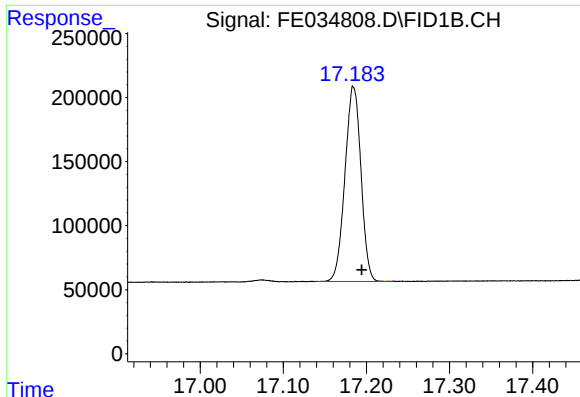
#15 n-Hexacosane (C26)

R.T.: 15.356 min
Delta R.T.: -0.010 min
Response: 2091931
Conc: 20.00 ug/ml



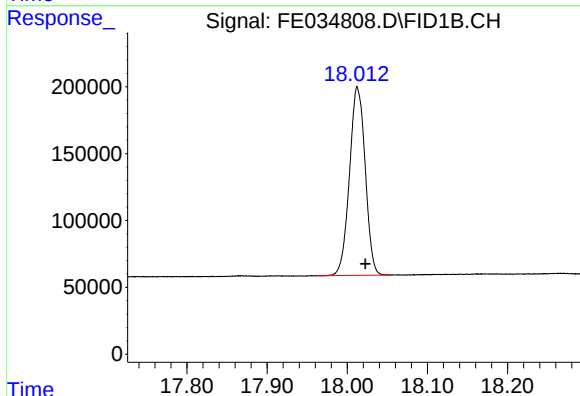
#16 n-Octacosane (C28)

R.T.: 16.302 min
Delta R.T.: -0.009 min
Response: 2062758
Conc: 20.21 ug/ml



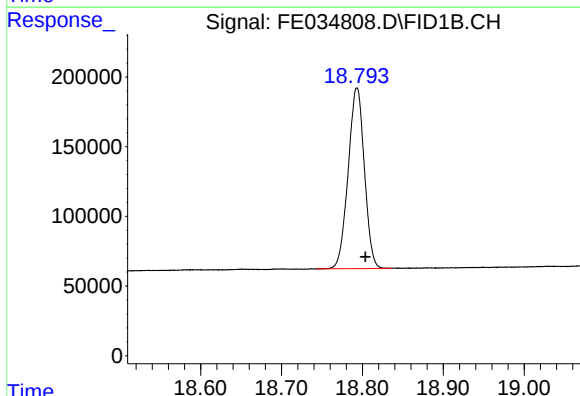
#17 n-Tricontane (C30)

R.T.: 17.184 min
Delta R.T.: -0.010 min
Response: 2038100
Conc: 20.62 ug/ml



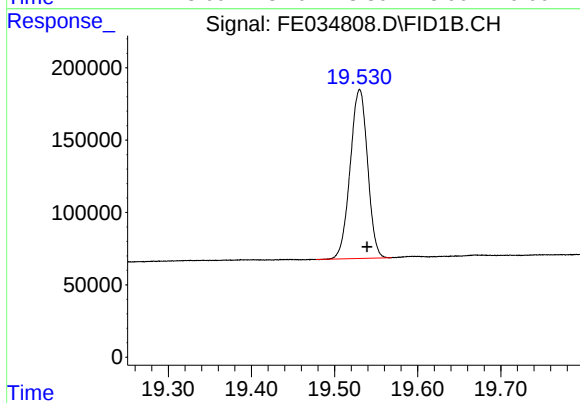
#18 n-Dotriacontane (C32)

R.T.: 18.013 min
Delta R.T.: -0.010 min
Response: 1920378
Conc: 20.91 ug/ml



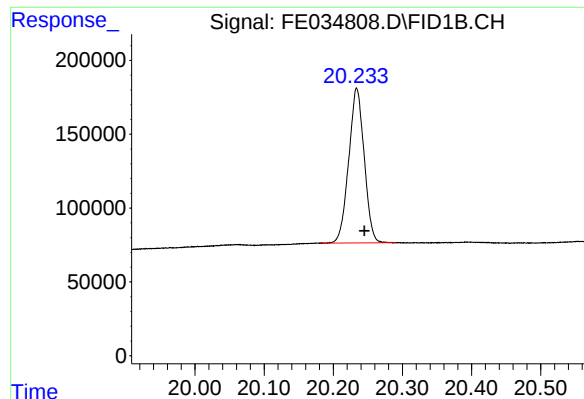
#19 n-Tetratriacontane (C34)

R.T.: 18.793 min
Delta R.T.: -0.010 min
Response: 1806108
Conc: 20.74 ug/ml



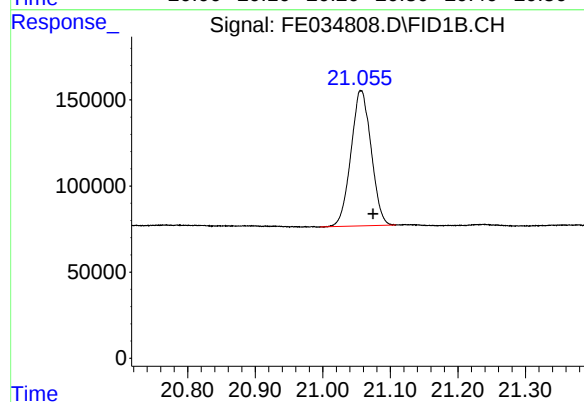
#20 n-Hexatriacontane (C36)

R.T.: 19.530 min
Delta R.T.: -0.009 min
Response: 1698464
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.234 min
Delta R.T.: -0.011 min
Response: 1628338
Conc: 20.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.056 min
Delta R.T.: -0.018 min
Response: 1631897
Conc: 20.23 ug/ml