

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092320AL\
 Data File : FD034847.D
 Signal(s) : FID2B.CH
 Acq On : 23 Sep 2020 17:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 01:22:53 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)	11.588	2289144	18.526 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
12) S 1-chlorooctadecane (S...	13.018	1767192	18.043 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
Target Compounds			
1) T n-Nonane (C9)	3.365	2162296	19.915 ug/ml
2) T n-Decane (C10)	4.433	2177709	19.874 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2378506	19.762 ug/ml
4) T n-Dodecane (C12)	6.446	2220503	19.910 ug/ml
5) T A~2-methylnaphthalene...	7.070	2410701	19.596 ug/ml
6) T n-Tetradecane (C14)	8.236	2209775	19.656 ug/ml
7) T n-Hexadecane (C16)	9.832	2143390	19.255 ug/ml
8) T n-Octadecane (C18)	11.270	2190898	18.872 ug/ml
10) T n-Eicosane (C20)	12.575	2156452	18.436 ug/ml
11) T n-Heneicosane (C21)	13.184	2126208	18.229 ug/ml
13) T n-Docosane (C22)	13.768	2100186	18.065 ug/ml
14) T n-Tetracosane (C24)	14.868	2051459	17.752 ug/ml
15) T n-Hexacosane (C26)	15.884	1992902	17.585 ug/ml
16) T n-Octacosane (C28)	16.829	1968765	17.587 ug/ml
17) T n-Tricontane (C30)	17.714	1930002	17.795 ug/ml
18) T n-Dotriacontane (C32)	18.540	1815928	18.022 ug/ml
19) T n-Tetratriacontane (C34)	19.320	1752173	18.555 ug/ml
20) T n-Hexatriacontane (C36)	20.056	1673381	19.262 ug/ml
21) T n-Octatriacontane (C38)	20.785	1602959	19.534 ug/ml
22) T n-Tetracontane (C40)	21.682	1635494	19.264 ug/ml

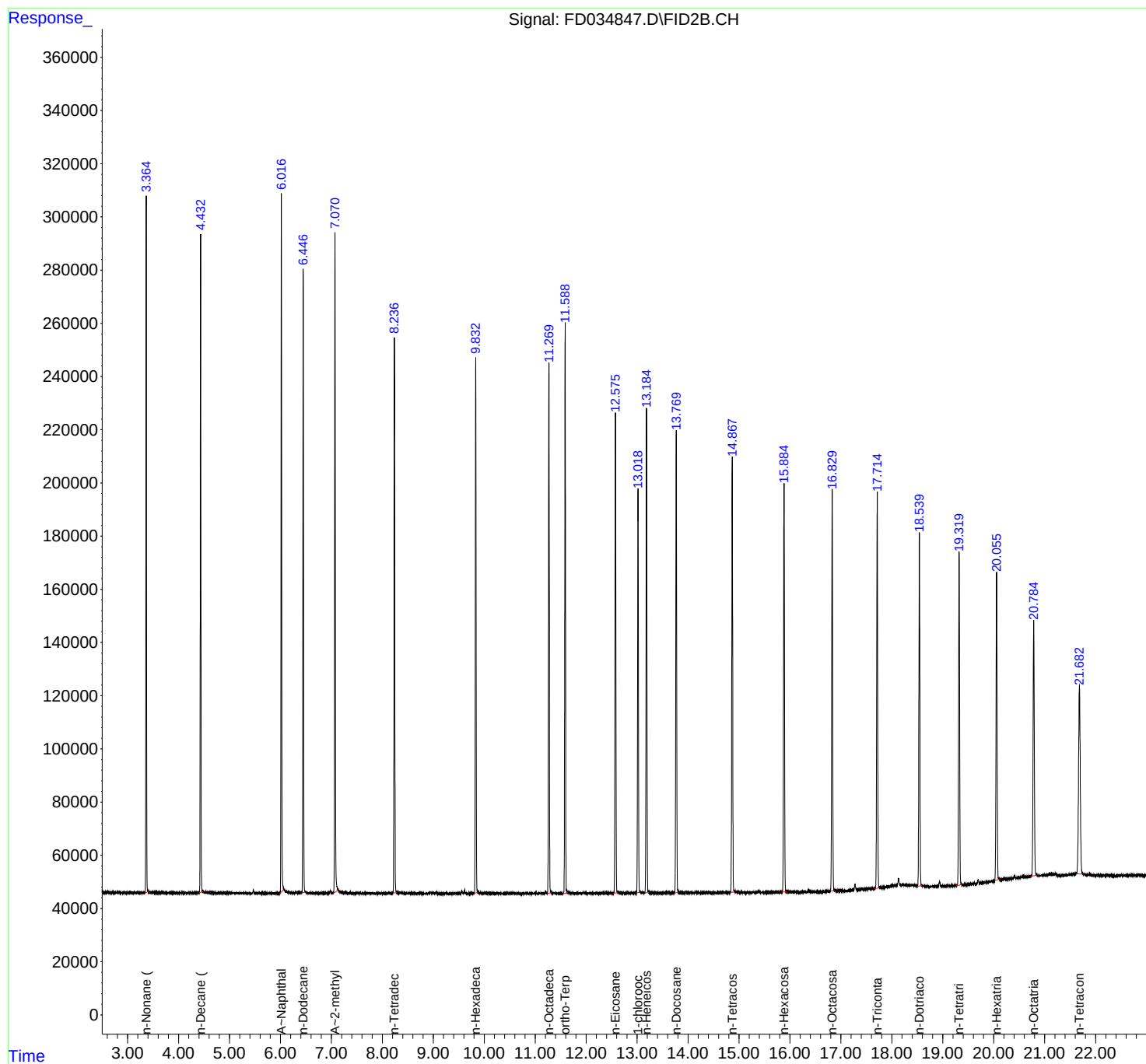
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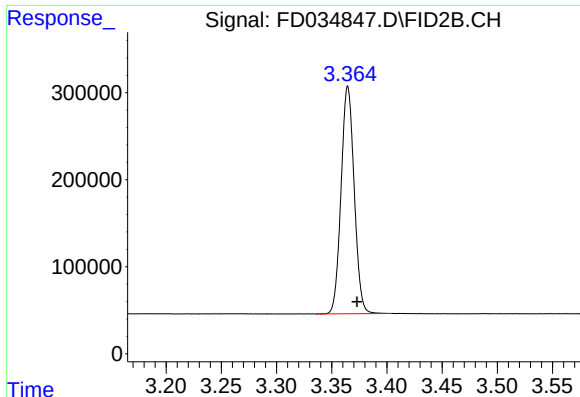
(m)=manual int.

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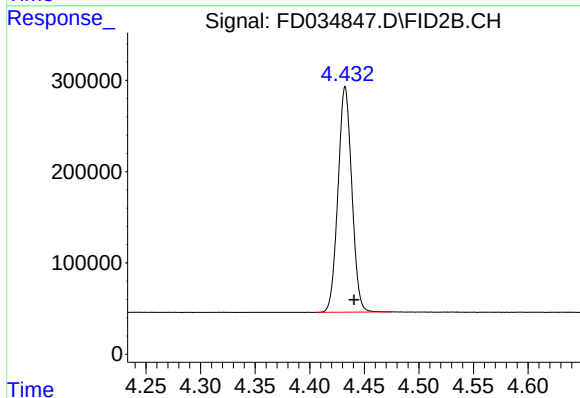
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





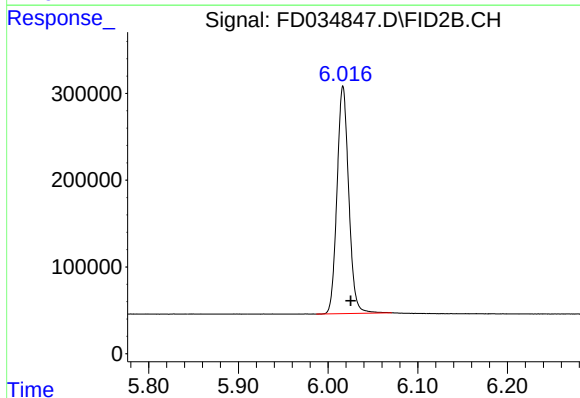
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.008 min
Response: 2162296
Conc: 19.92 ug/ml



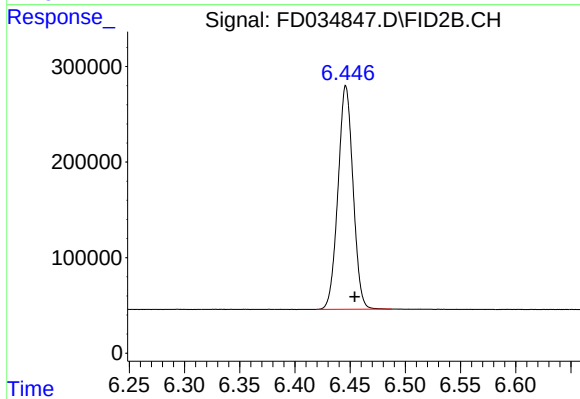
#2 n-Decane (C10)

R.T.: 4.433 min
Delta R.T.: -0.008 min
Response: 2177709
Conc: 19.87 ug/ml



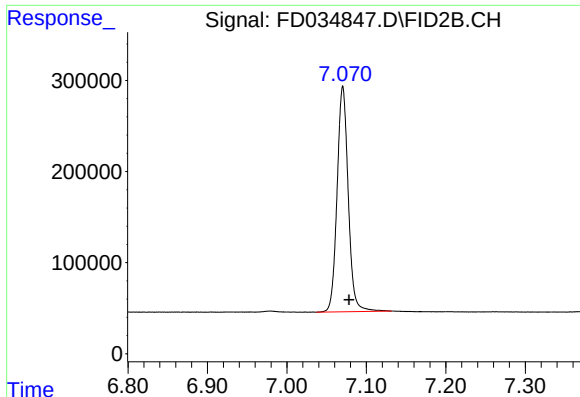
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.009 min
Response: 2378506
Conc: 19.76 ug/ml



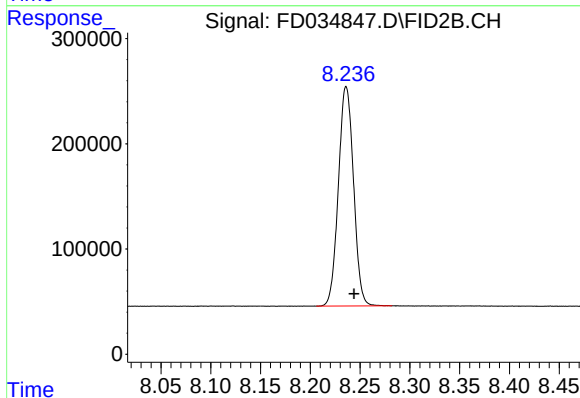
#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: -0.008 min
Response: 2220503
Conc: 19.91 ug/ml



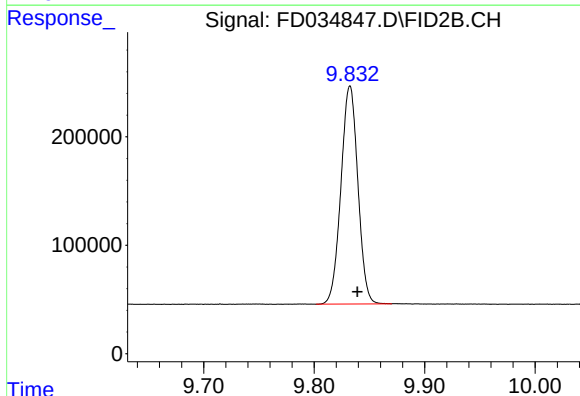
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.008 min
Response: 2410701
Conc: 19.60 ug/ml



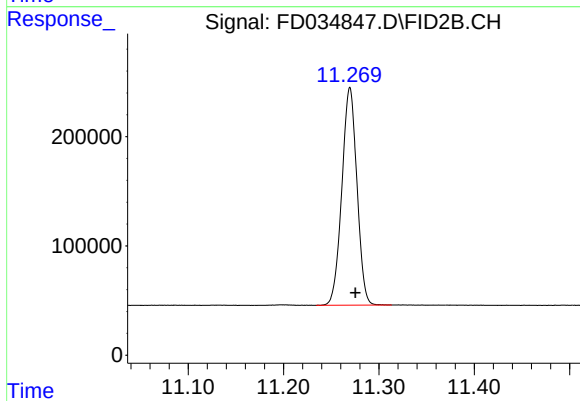
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: -0.008 min
Response: 2209775
Conc: 19.66 ug/ml



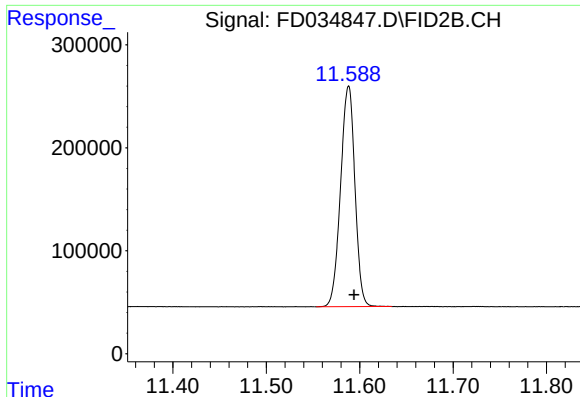
#7 n-Hexadecane (C16)

R.T.: 9.832 min
Delta R.T.: -0.007 min
Response: 2143390
Conc: 19.25 ug/ml



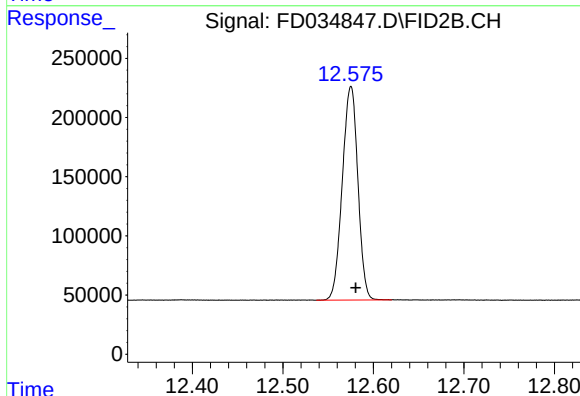
#8 n-Octadecane (C18)

R.T.: 11.270 min
Delta R.T.: -0.006 min
Response: 2190898
Conc: 18.87 ug/ml



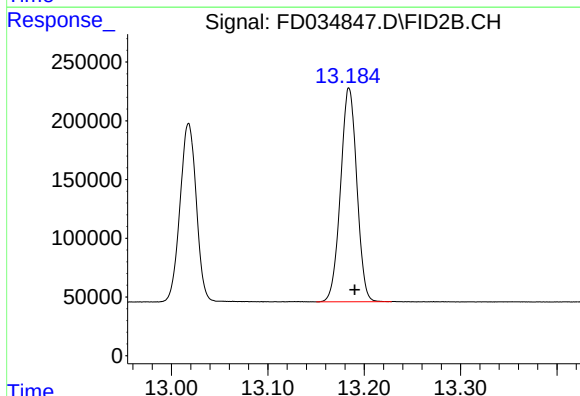
#9 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.006 min
Response: 2289144
Conc: 18.53 ug/ml



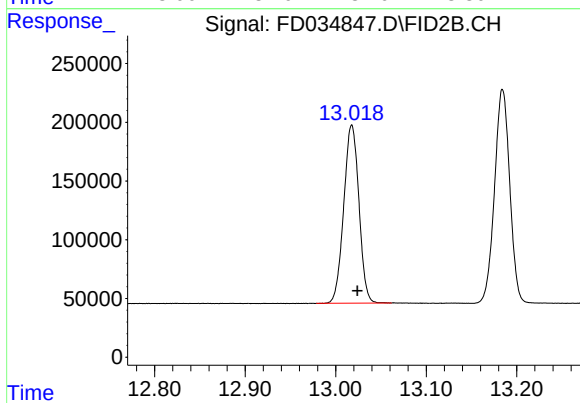
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.005 min
Response: 2156452
Conc: 18.44 ug/ml



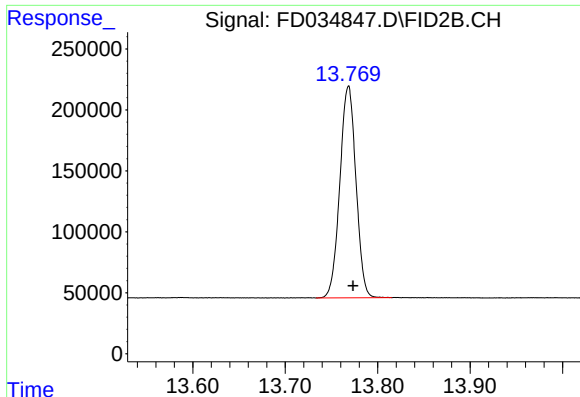
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.006 min
Response: 2126208
Conc: 18.23 ug/ml



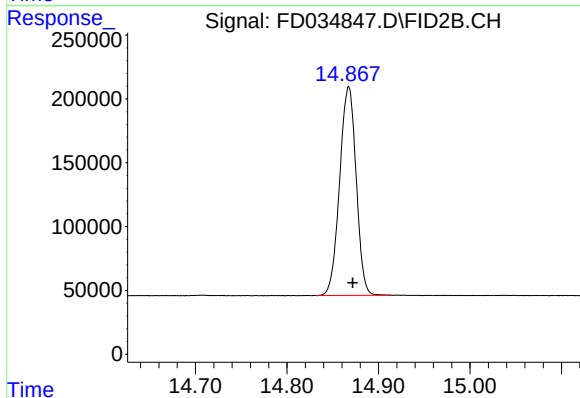
#12 1-chlorooctadecane (SURR)

R.T.: 13.018 min
Delta R.T.: -0.006 min
Response: 1767192
Conc: 18.04 ug/ml



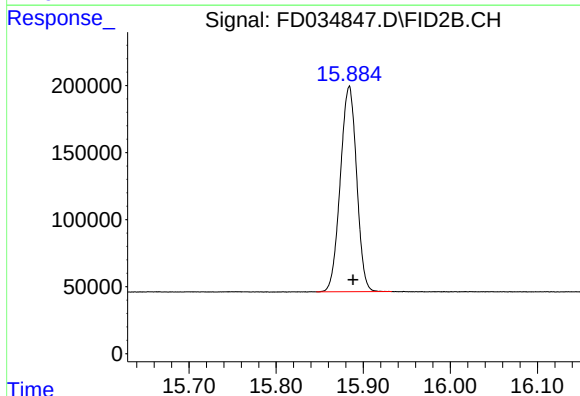
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.005 min
Response: 2100186
Conc: 18.07 ug/ml



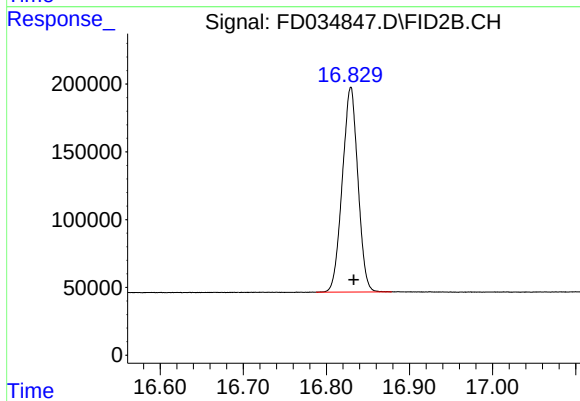
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: -0.004 min
Response: 2051459
Conc: 17.75 ug/ml



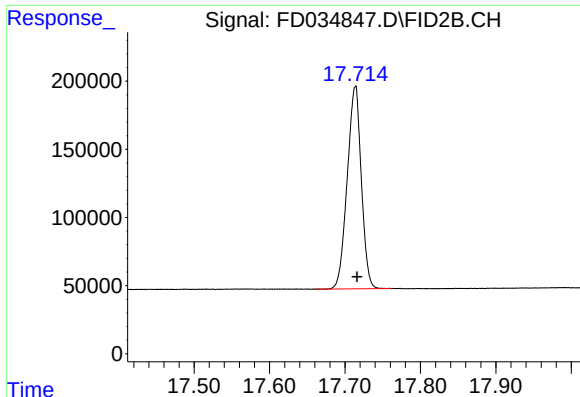
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.004 min
Response: 1992902
Conc: 17.58 ug/ml



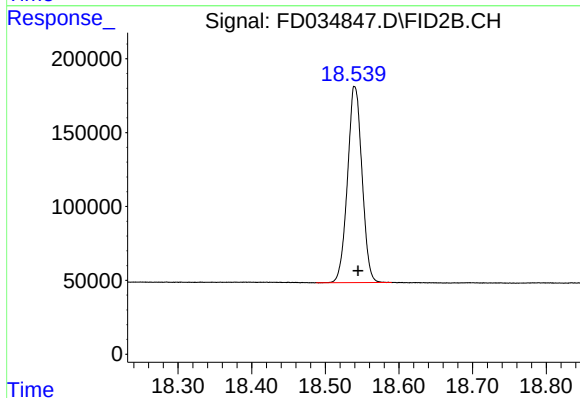
#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: -0.003 min
Response: 1968765
Conc: 17.59 ug/ml



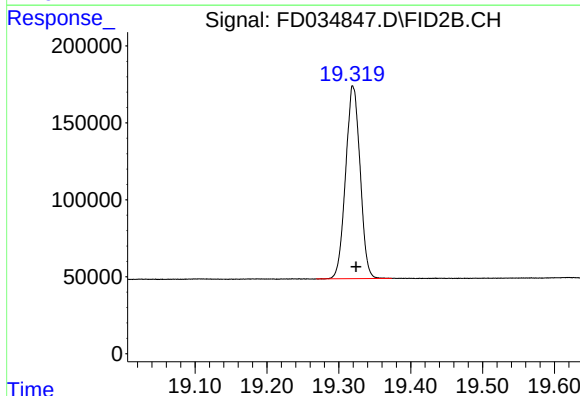
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.002 min
Response: 1930002
Conc: 17.79 ug/ml



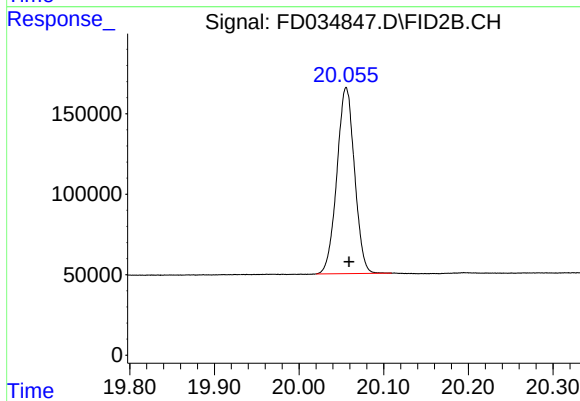
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: -0.005 min
Response: 1815928
Conc: 18.02 ug/ml



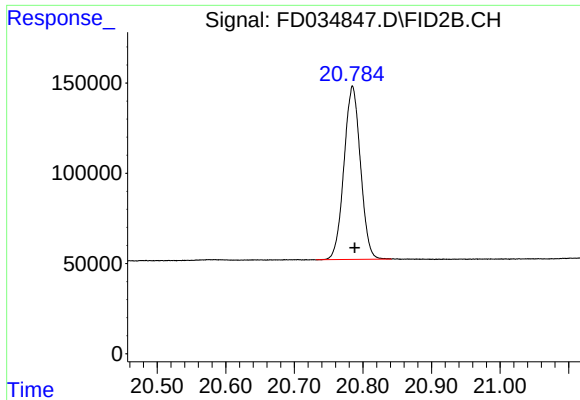
#19 n-Tetratriacontane (C34)

R.T.: 19.320 min
Delta R.T.: -0.004 min
Response: 1752173
Conc: 18.56 ug/ml



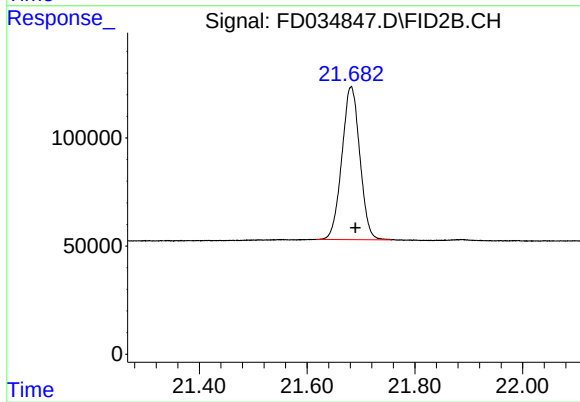
#20 n-Hexatriacontane (C36)

R.T.: 20.056 min
Delta R.T.: -0.003 min
Response: 1673381
Conc: 19.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.003 min
Response: 1602959
Conc: 19.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.682 min
Delta R.T.: -0.008 min
Response: 1635494
Conc: 19.26 ug/ml