

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AL\
 Data File : FD036961.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2021 13:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 21:41:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 2021
 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)	11.485	2674909	18.053 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	12.918	2056887	17.674 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
Target Compounds			
1) T n-Nonane (C9)	3.283	2626879	20.665 ug/ml
2) T n-Decane (C10)	4.344	2660487	20.647 ug/ml
3) T A~Naphthalene (C11.7)	5.919	2973641	20.367 ug/ml
4) T n-Dodecane (C12)	6.355	2725885	20.563 ug/ml
5) T A~2-methylnaphthalene...	6.971	3007300	20.085 ug/ml
6) T n-Tetradecane (C14)	8.143	2710749	19.944 ug/ml
7) T n-Hexadecane (C16)	9.738	2617782	19.657 ug/ml
8) T n-Octadecane (C18)	11.173	2629510	18.983 ug/ml
10) T n-Eicosane (C20)	12.477	2514249	18.188 ug/ml
11) T n-Heneicosane (C21)	13.085	2446805	17.772 ug/ml
13) T n-Docosane (C22)	13.669	2375575	17.465 ug/ml
14) T n-Tetracosane (C24)	14.767	2248160	16.957 ug/ml
15) T n-Hexacosane (C26)	15.783	2124062	16.776 ug/ml
16) T n-Octacosane (C28)	16.728	2059184	17.074 ug/ml
17) T n-Tricontane (C30)	17.609	2031245	17.682 ug/ml
18) T n-Dotriacontane (C32)	18.438	2001490	18.197 ug/ml
19) T n-Tetratriacontane (C34)	19.217	2006365	19.535 ug/ml
20) T n-Hexatriacontane (C36)	19.952	1969145	20.154 ug/ml
21) T n-Octatriacontane (C38)	20.662	1934056	20.919 ug/ml
22) T n-Tetracontane (C40)	21.512	2007535	19.903 ug/ml

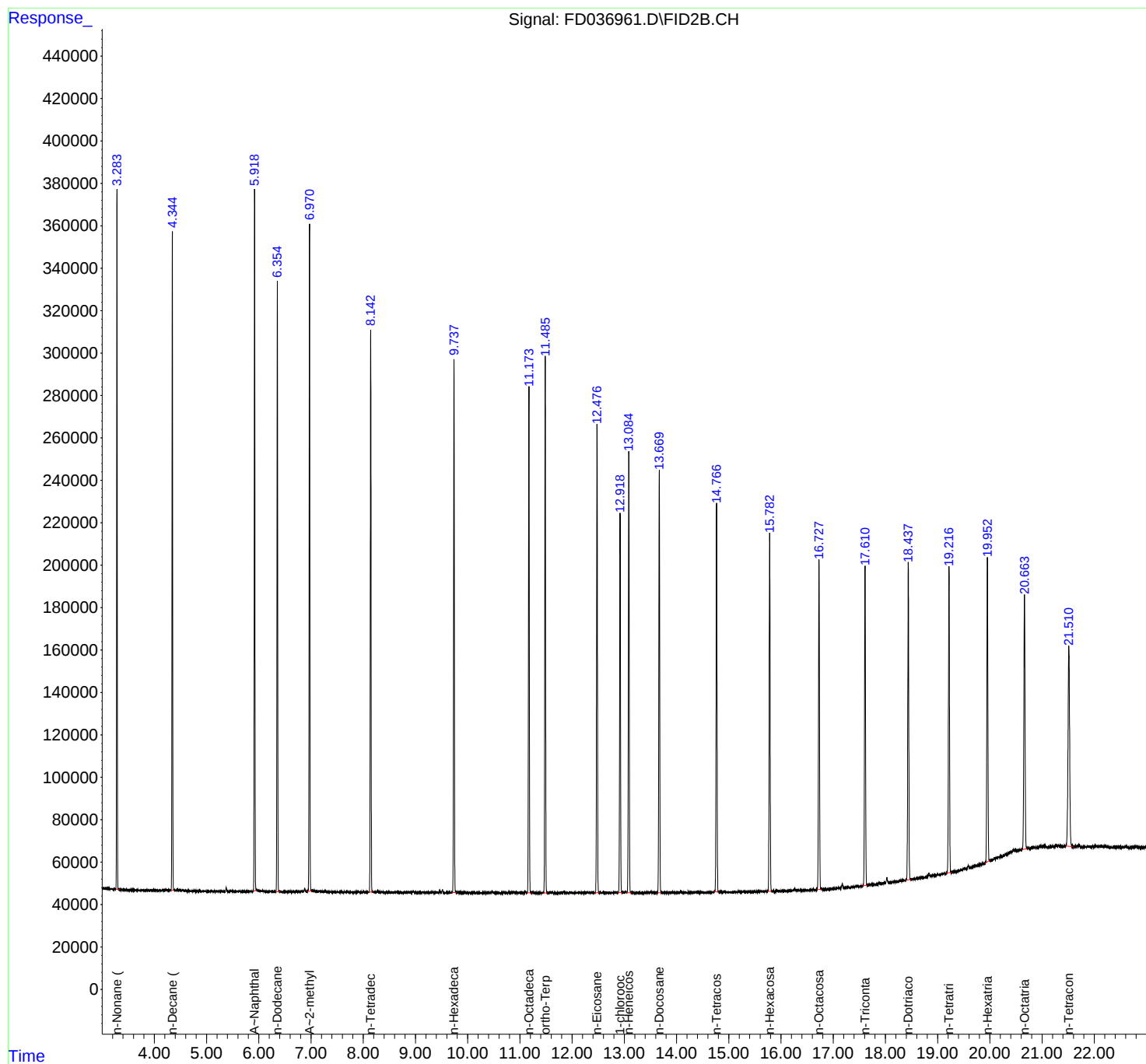
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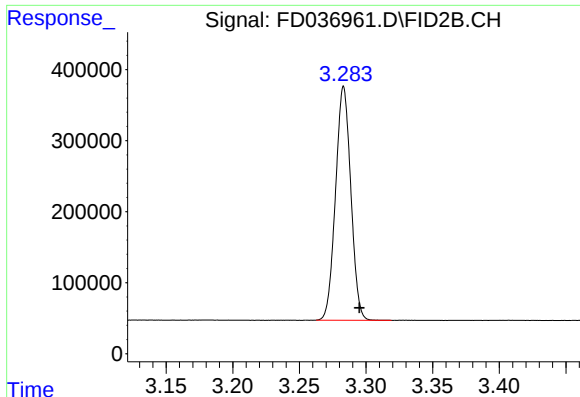
(m)=manual int.

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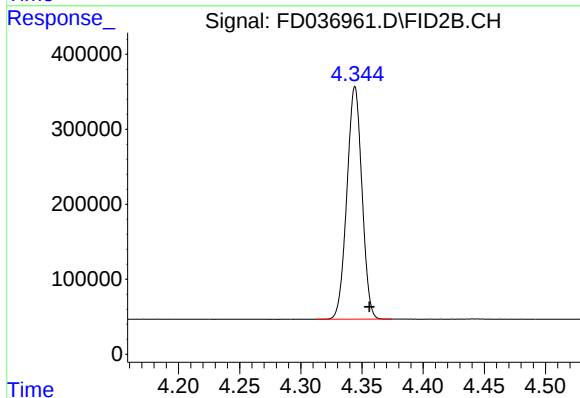
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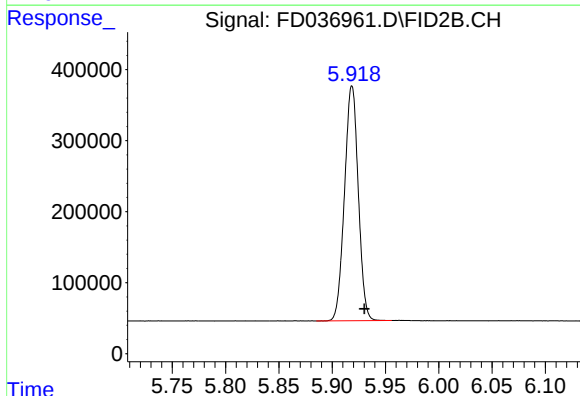
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.012 min
Response: 2626879
Conc: 20.67 ug/ml



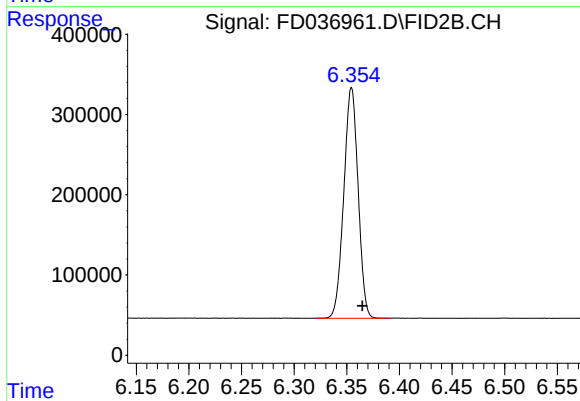
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: -0.012 min
Response: 2660487
Conc: 20.65 ug/ml



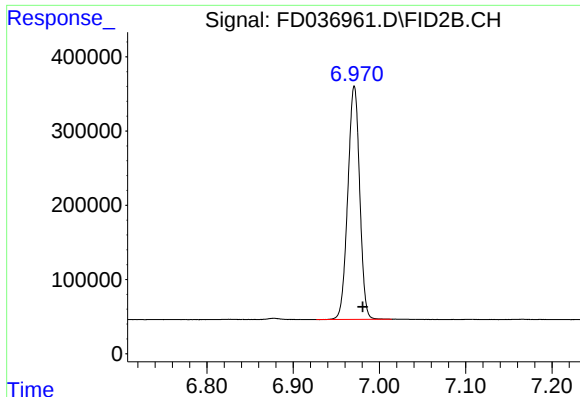
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.012 min
Response: 2973641
Conc: 20.37 ug/ml



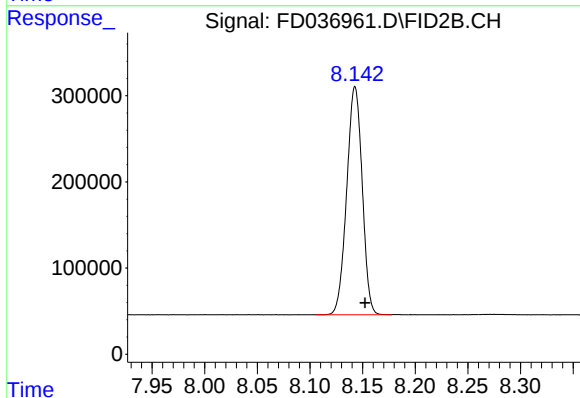
#4 n-Dodecane (C12)

R.T.: 6.355 min
Delta R.T.: -0.010 min
Response: 2725885
Conc: 20.56 ug/ml



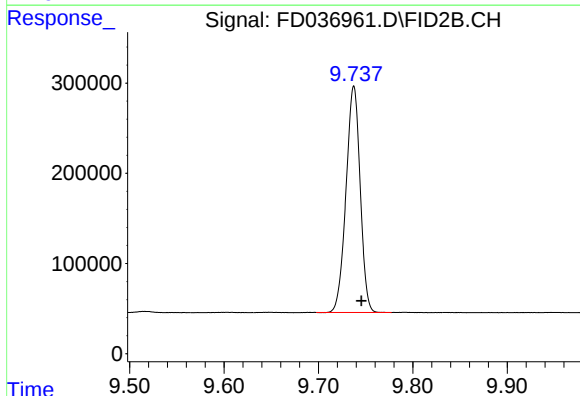
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.010 min
Response: 3007300
Conc: 20.09 ug/ml



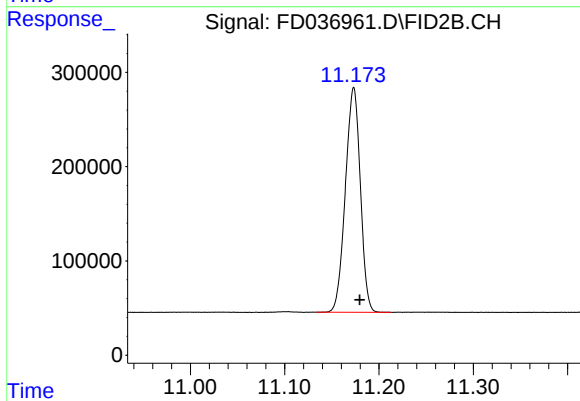
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.010 min
Response: 2710749
Conc: 19.94 ug/ml



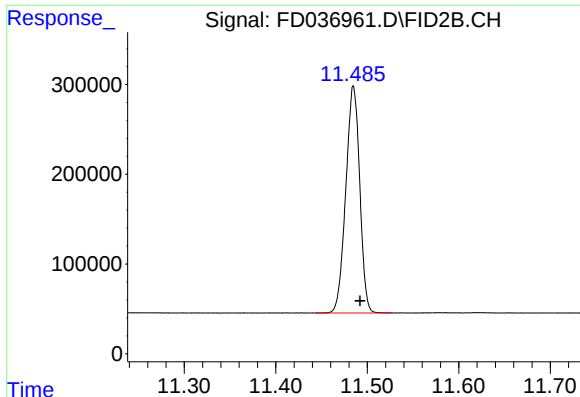
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: -0.008 min
Response: 2617782
Conc: 19.66 ug/ml



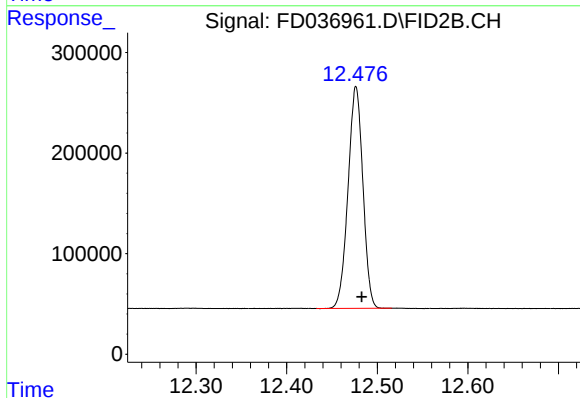
#8 n-Octadecane (C18)

R.T.: 11.173 min
Delta R.T.: -0.006 min
Response: 2629510
Conc: 18.98 ug/ml



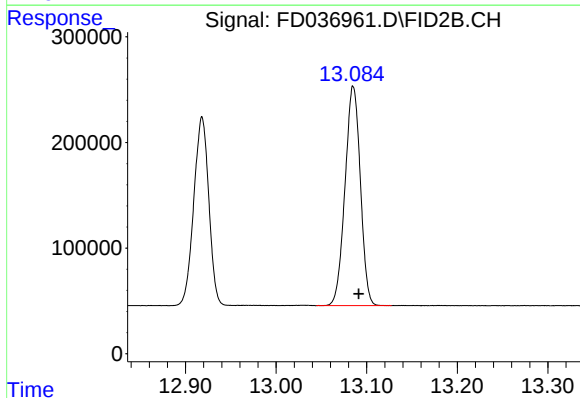
#9 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: -0.007 min
Response: 2674909
Conc: 18.05 ug/ml



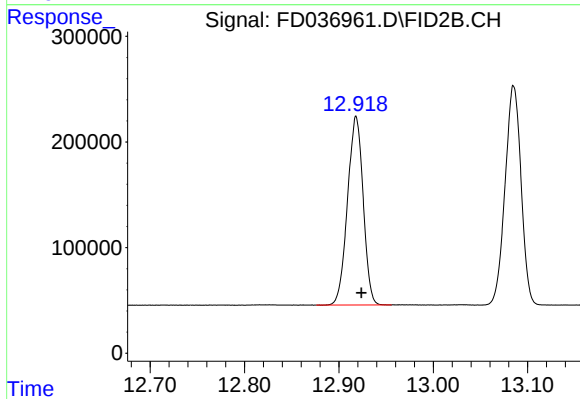
#10 n-Eicosane (C20)

R.T.: 12.477 min
Delta R.T.: -0.006 min
Response: 2514249
Conc: 18.19 ug/ml



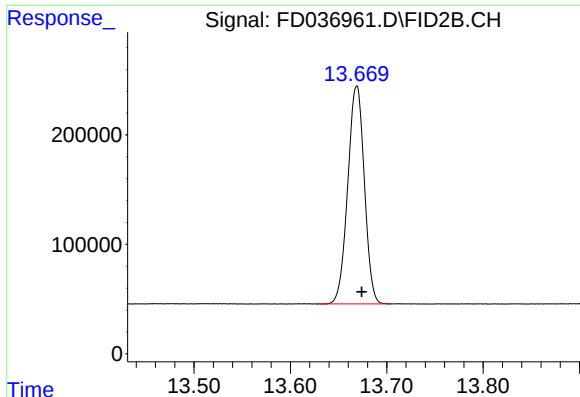
#11 n-Heneicosane (C21)

R.T.: 13.085 min
Delta R.T.: -0.006 min
Response: 2446805
Conc: 17.77 ug/ml



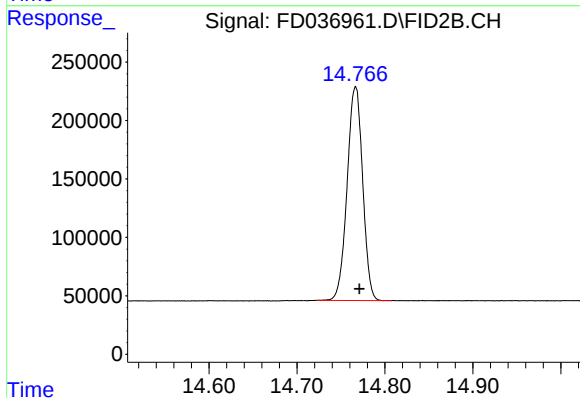
#12 1-chlorooctadecane (SURR)

R.T.: 12.918 min
Delta R.T.: -0.005 min
Response: 2056887
Conc: 17.67 ug/ml



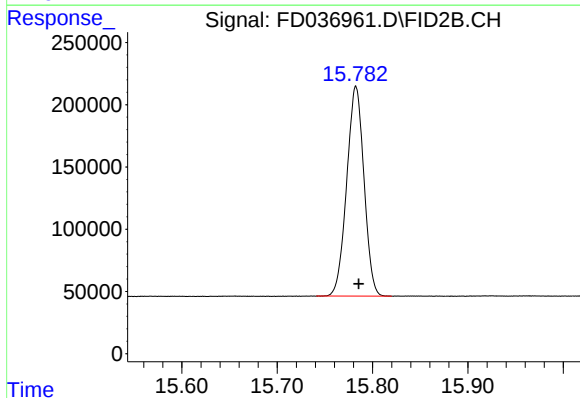
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: -0.005 min
Response: 2375575
Conc: 17.46 ug/ml



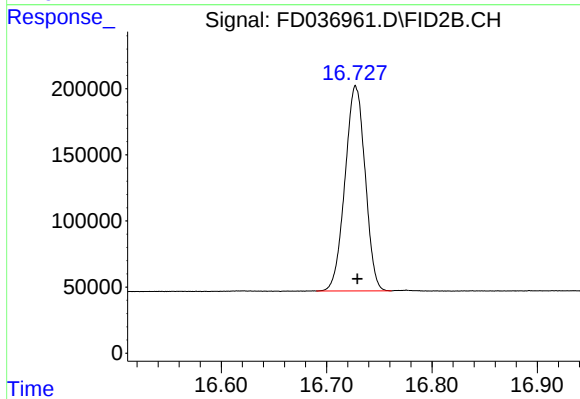
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.004 min
Response: 2248160
Conc: 16.96 ug/ml



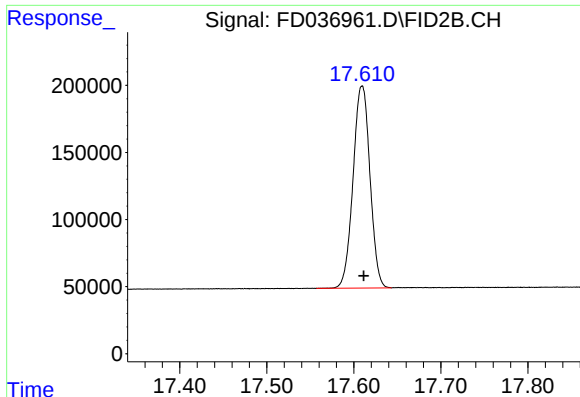
#15 n-Hexacosane (C26)

R.T.: 15.783 min
Delta R.T.: -0.003 min
Response: 2124062
Conc: 16.78 ug/ml



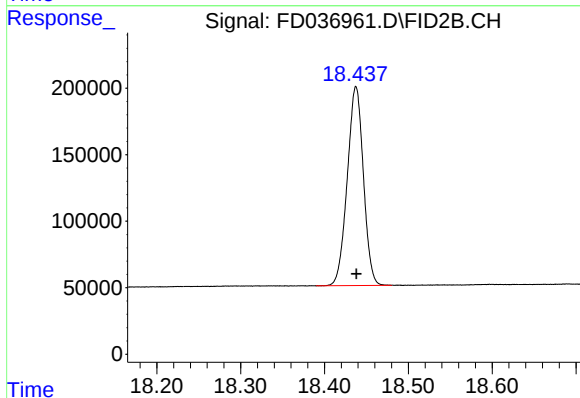
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: -0.002 min
Response: 2059184
Conc: 17.07 ug/ml



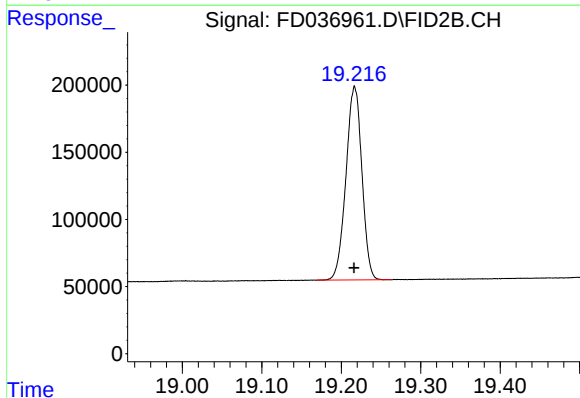
#17 n-Tricontane (C30)

R.T.: 17.609 min
Delta R.T.: -0.002 min
Response: 2031245
Conc: 17.68 ug/ml



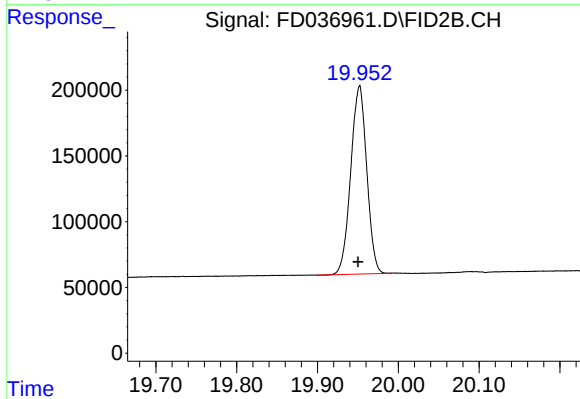
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 2001490
Conc: 18.20 ug/ml



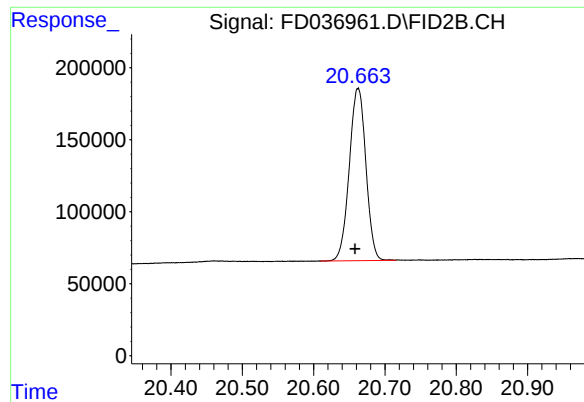
#19 n-Tetratriacontane (C34)

R.T.: 19.217 min
Delta R.T.: 0.000 min
Response: 2006365
Conc: 19.54 ug/ml



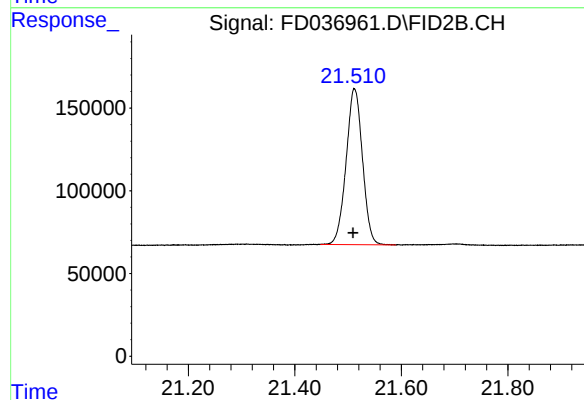
#20 n-Hexatriacontane (C36)

R.T.: 19.952 min
Delta R.T.: 0.002 min
Response: 1969145
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.662 min
Delta R.T.: 0.004 min
Response: 1934056
Conc: 20.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.512 min
Delta R.T.: 0.003 min
Response: 2007535
Conc: 19.90 ug/ml