

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090719AL\
 Data File : FD030542.D
 Signal(s) : FID2B.CH
 Acq On : 07 Sep 2019 11:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 09 02:20:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 2019
 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)	11.507	2597775	17.860 ug/ml
Spiked Amount 50.000		Recovery =	35.72%
12) S 1-chlorooctadecane (S...	12.935	1940193	17.765 ug/ml
Spiked Amount 50.000		Recovery =	35.53%
Target Compounds			
1) T n-Nonane (C9)	3.317	2321192	18.596 ug/ml
2) T n-Decane (C10)	4.377	2337876	18.685 ug/ml
3) T A~Naphthalene (C11.7)	5.953	2625980	18.726 ug/ml
4) T n-Dodecane (C12)	6.383	2371850	18.747 ug/ml
5) T A~2-methylnaphthalene...	7.003	2657257	18.749 ug/ml
6) T n-Tetradecane (C14)	8.168	2376364	18.673 ug/ml
7) T n-Hexadecane (C16)	9.759	2373183	18.592 ug/ml
8) T n-Octadecane (C18)	11.193	2341018	18.262 ug/ml
10) T n-Eicosane (C20)	12.494	2297752	18.030 ug/ml
11) T n-Heneicosane (C21)	13.101	2284036	17.854 ug/ml
13) T n-Docosane (C22)	13.684	2246981	17.641 ug/ml
14) T n-Tetracosane (C24)	14.778	2185067	17.207 ug/ml
15) T n-Hexacosane (C26)	15.792	2090233	16.804 ug/ml
16) T n-Octacosane (C28)	16.735	2013218	16.512 ug/ml
17) T n-Tricontane (C30)	17.615	1978251	16.639 ug/ml
18) T n-Dotriacontane (C32)	18.440	1920887	16.753 ug/ml
19) T n-Tetratriacontane (C34)	19.219	1897094	17.474 ug/ml
20) T n-Hexatriacontane (C36)	19.951	2249005	21.909 ug/ml
21) T n-Octatriacontane (C38)	20.662	2797173	28.827 ug/ml
22) T n-Tetracontane (C40)	21.517	1882986	18.364 ug/ml

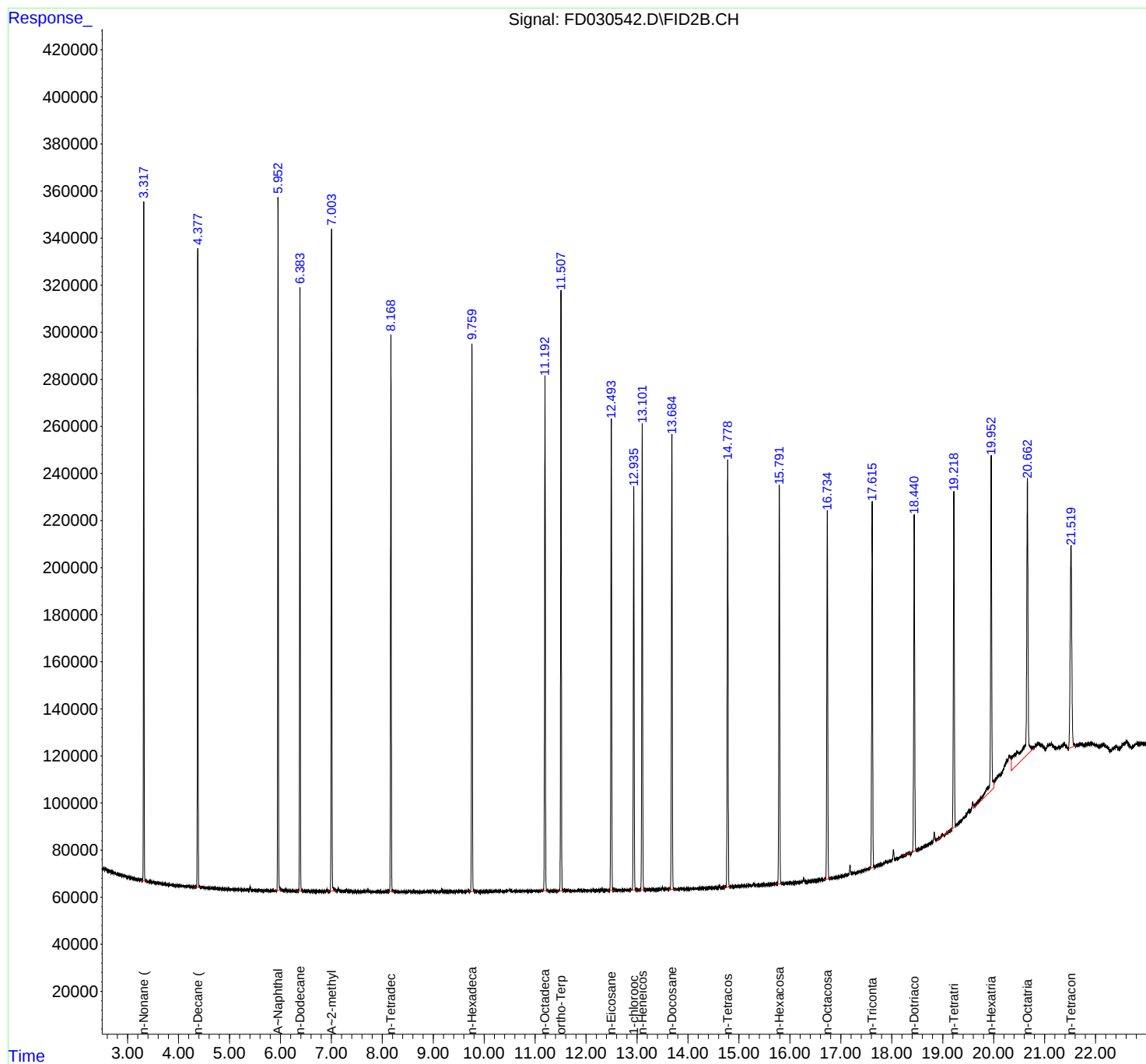
(f)=RT Delta > 1/2 Window

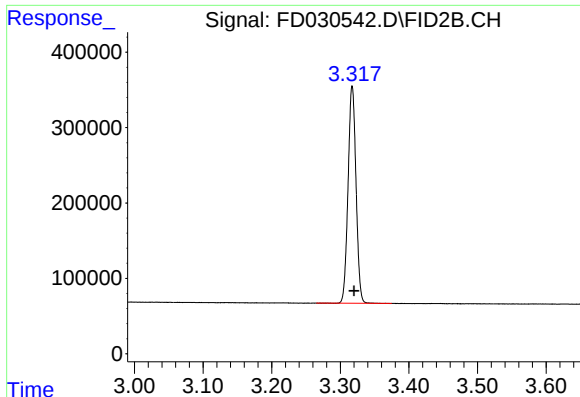
(m)=manual int.

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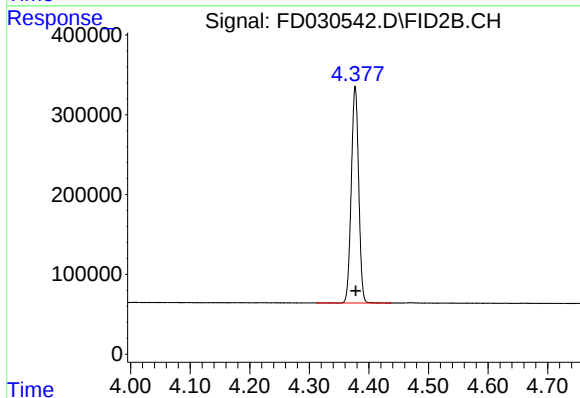
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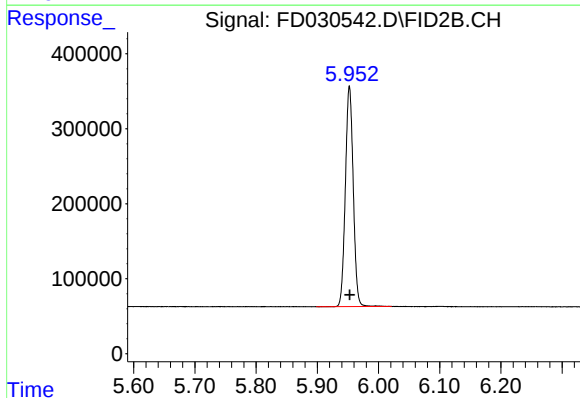
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: -0.003 min
Response: 2321192
Conc: 18.60 ug/ml



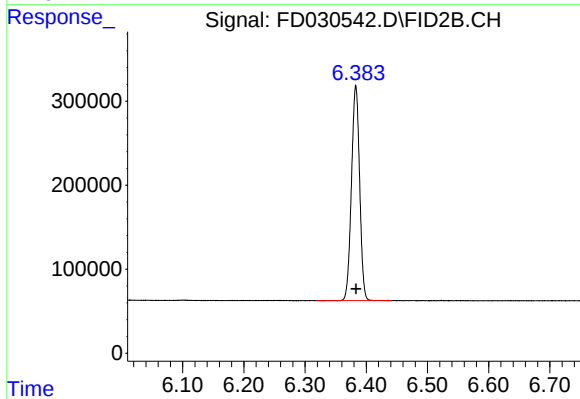
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.001 min
Response: 2337876
Conc: 18.69 ug/ml



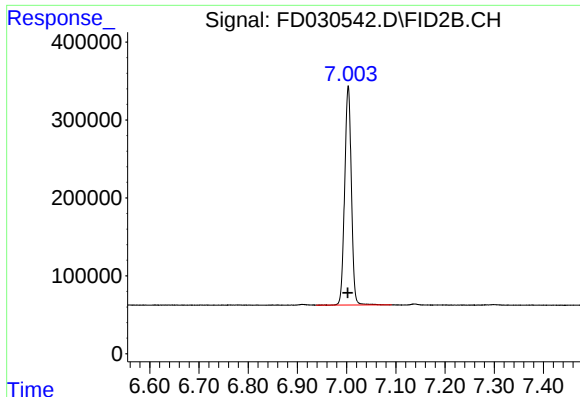
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 2625980
Conc: 18.73 ug/ml



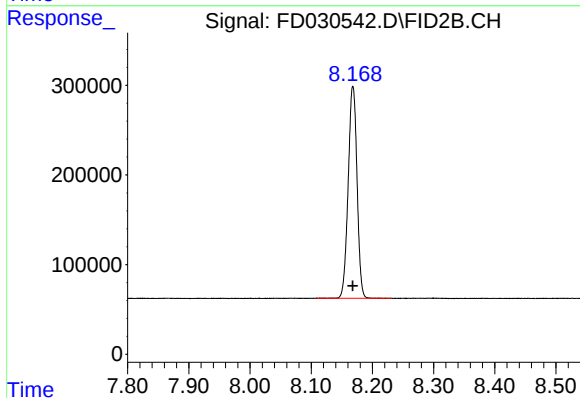
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2371850
Conc: 18.75 ug/ml



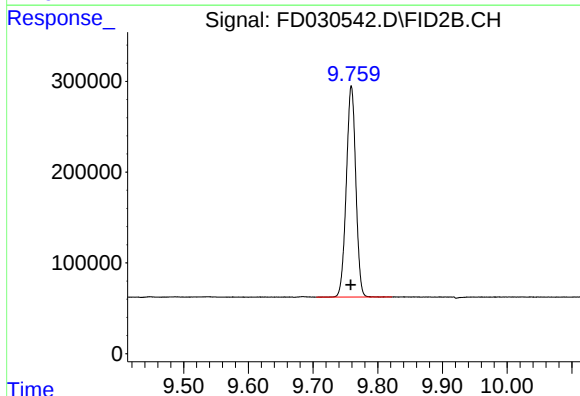
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 2657257
Conc: 18.75 ug/ml



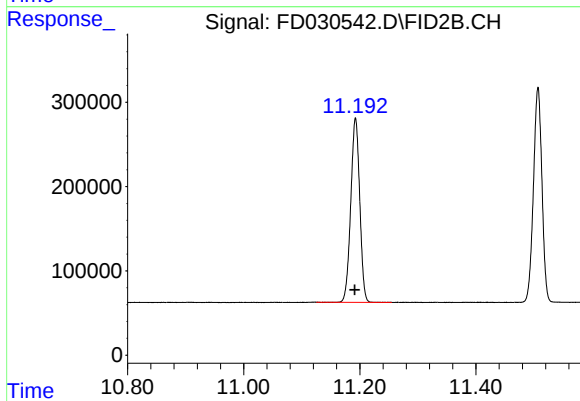
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 2376364
Conc: 18.67 ug/ml



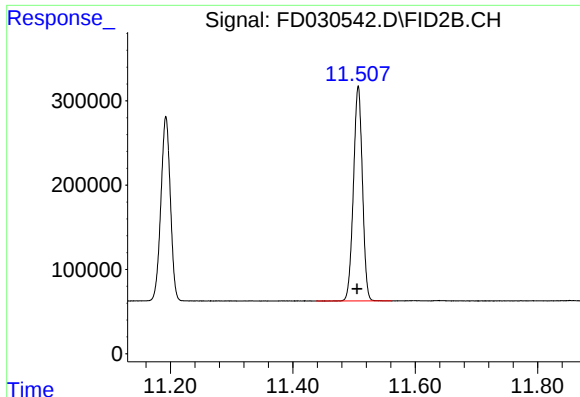
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: 0.000 min
Response: 2373183
Conc: 18.59 ug/ml



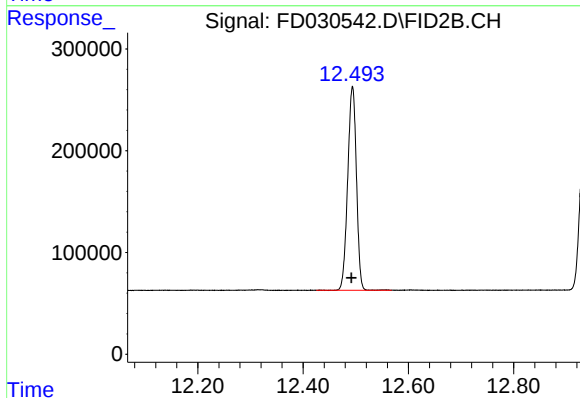
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.001 min
Response: 2341018
Conc: 18.26 ug/ml



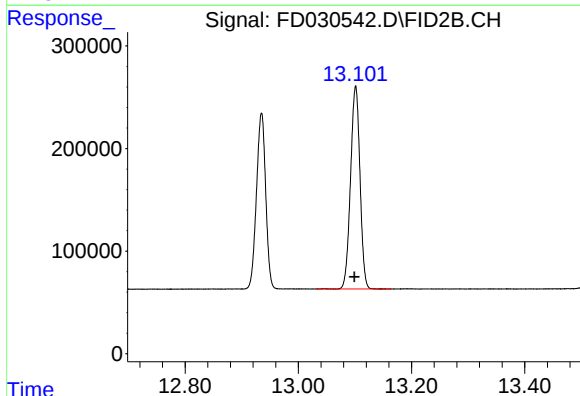
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: 0.002 min
Response: 2597775
Conc: 17.86 ug/ml



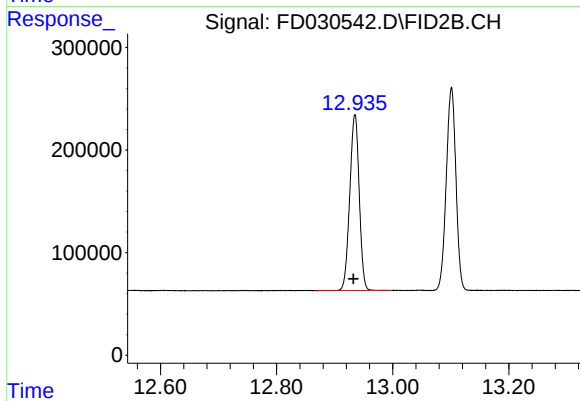
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: 0.002 min
Response: 2297752
Conc: 18.03 ug/ml



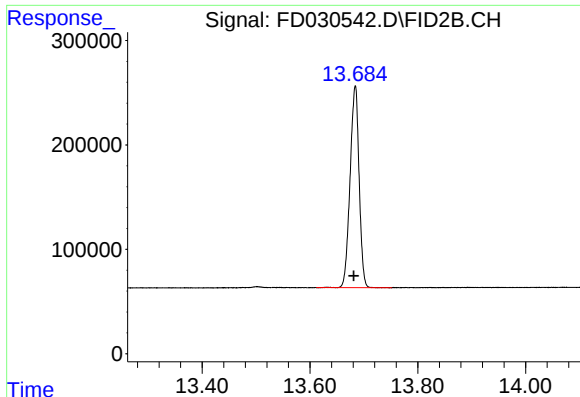
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: 0.002 min
Response: 2284036
Conc: 17.85 ug/ml



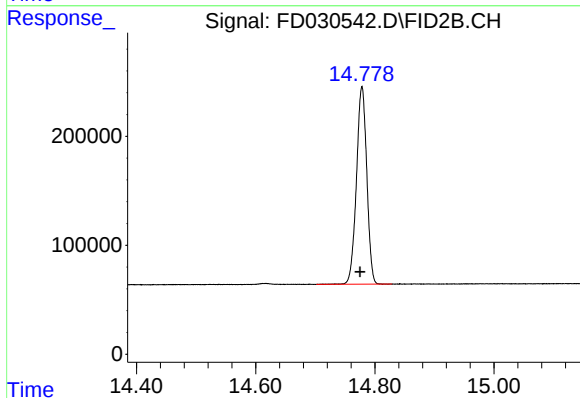
#12 1-chlorooctadecane (SURR)

R.T.: 12.935 min
Delta R.T.: 0.002 min
Response: 1940193
Conc: 17.76 ug/ml



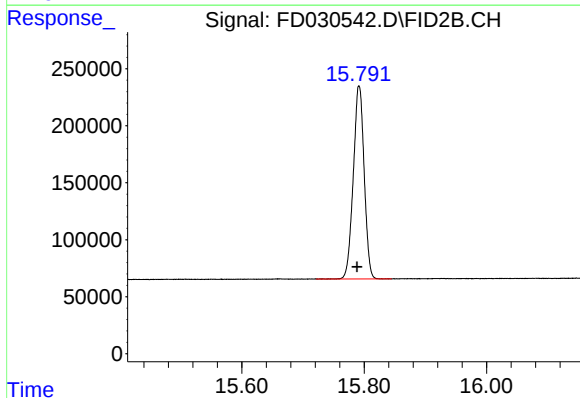
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: 0.003 min
Response: 2246981
Conc: 17.64 ug/ml



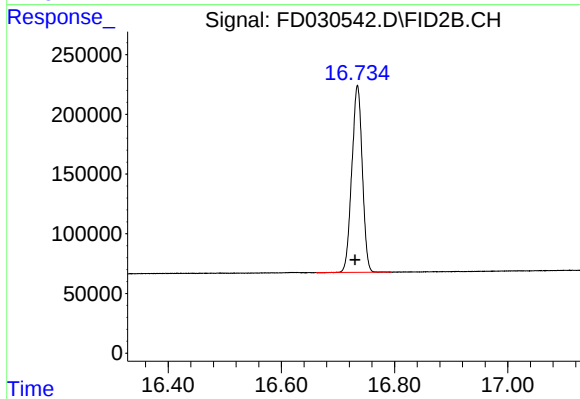
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: 0.003 min
Response: 2185067
Conc: 17.21 ug/ml



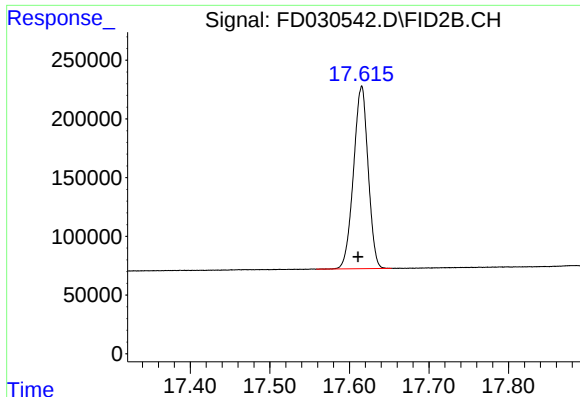
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: 0.003 min
Response: 2090233
Conc: 16.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.004 min
Response: 2013218
Conc: 16.51 ug/ml



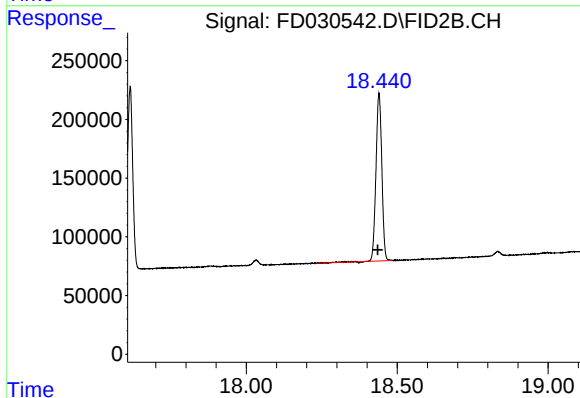
#17 n-Tricontane (C30)

R.T.: 17.615 min

Delta R.T.: 0.004 min

Response: 1978251

Conc: 16.64 ug/ml



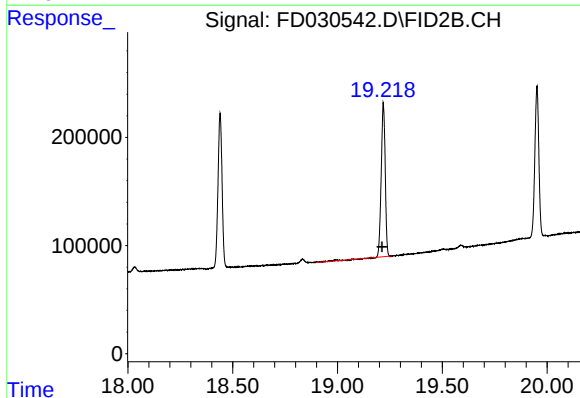
#18 n-Dotriacontane (C32)

R.T.: 18.440 min

Delta R.T.: 0.004 min

Response: 1920887

Conc: 16.75 ug/ml



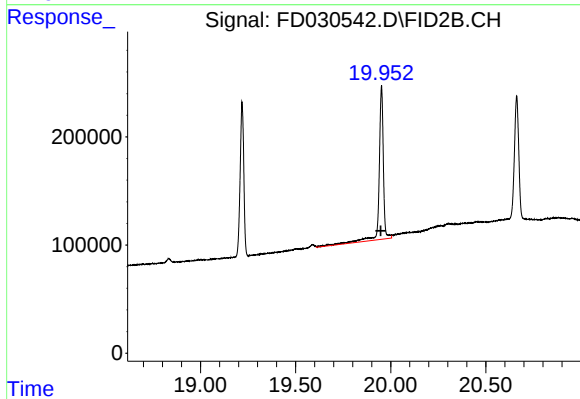
#19 n-Tetratriacontane (C34)

R.T.: 19.219 min

Delta R.T.: 0.006 min

Response: 1897094

Conc: 17.47 ug/ml



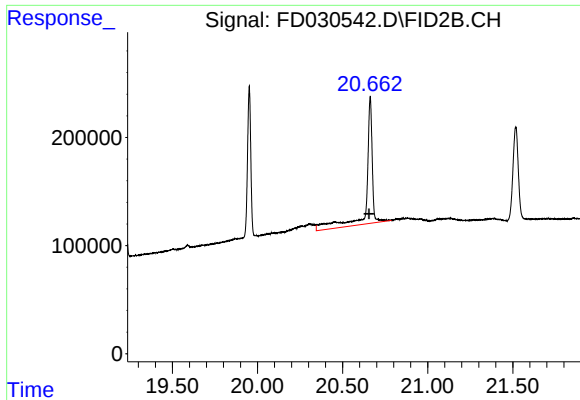
#20 n-Hexatriacontane (C36)

R.T.: 19.951 min

Delta R.T.: 0.005 min

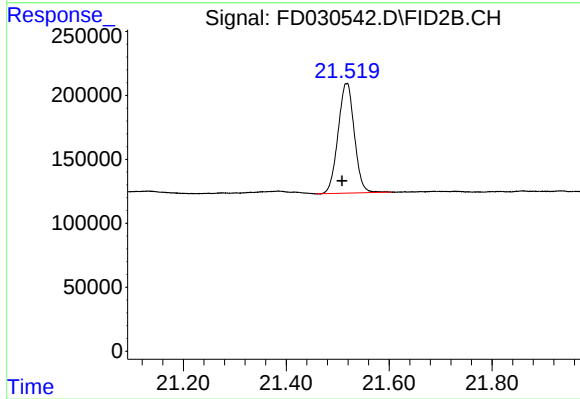
Response: 2249005

Conc: 21.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.662 min
Delta R.T.: 0.006 min
Response: 2797173
Conc: 28.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.517 min
Delta R.T.: 0.008 min
Response: 1882986
Conc: 18.36 ug/ml