

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052621AL\
 Data File : FD037588.D
 Signal(s) : FID2B.CH
 Acq On : 26 May 2021 9:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 27 01:14:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.453	2385867	20.345 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
12) S 1-chlorooctadecane (S...	12.887	1799251	19.801 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	3.255	2175436	21.560 ug/ml
2) T n-Decane (C10)	4.317	2207790	21.760 ug/ml
3) T A~Naphthalene (C11.7)	5.890	2463779	21.637 ug/ml
4) T n-Dodecane (C12)	6.327	2254230	21.805 ug/ml
5) T A~2-methylnaphthalene...	6.942	2479459	21.417 ug/ml
6) T n-Tetradecane (C14)	8.114	2252302	21.610 ug/ml
7) T n-Hexadecane (C16)	9.708	2196763	21.290 ug/ml
8) T n-Octadecane (C18)	11.143	2262793	20.943 ug/ml
10) T n-Eicosane (C20)	12.447	2231348	20.474 ug/ml
11) T n-Heneicosane (C21)	13.055	2202747	20.234 ug/ml
13) T n-Docosane (C22)	13.639	2206547	20.312 ug/ml
14) T n-Tetracosane (C24)	14.735	2232700	20.606 ug/ml
15) T n-Hexacosane (C26)	15.751	2185729	20.520 ug/ml
16) T n-Octacosane (C28)	16.696	2189406	20.664 ug/ml
17) T n-Tricontane (C30)	17.579	2223408	21.119 ug/ml
18) T n-Dotriacontane (C32)	18.406	2189791	21.023 ug/ml
19) T n-Tetratriacontane (C34)	19.185	2088193	20.544 ug/ml
20) T n-Hexatriacontane (C36)	19.921	1965175	20.147 ug/ml
21) T n-Octatriacontane (C38)	20.629	1850070	20.124 ug/ml
22) T n-Tetracontane (C40)	21.470	1871719	19.438 ug/ml

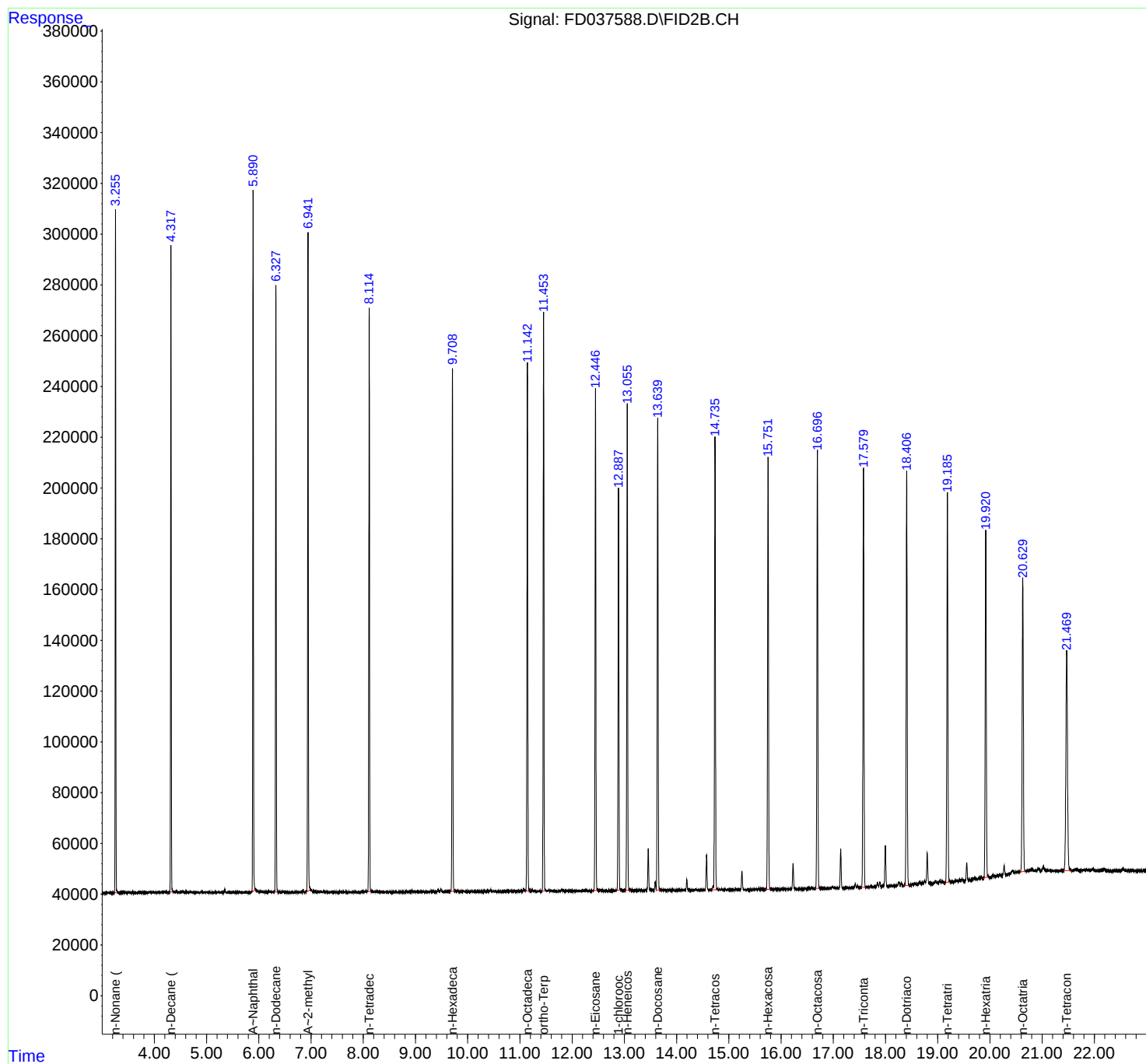
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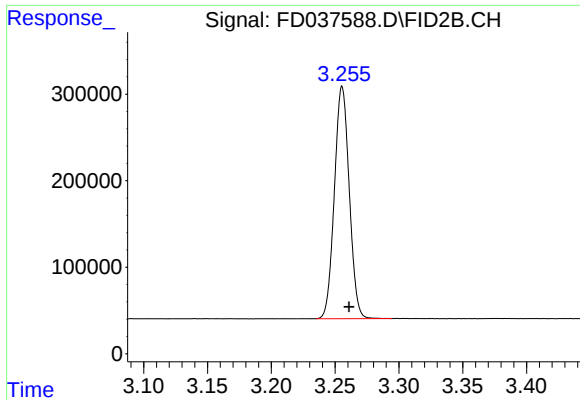
(m)=manual int.

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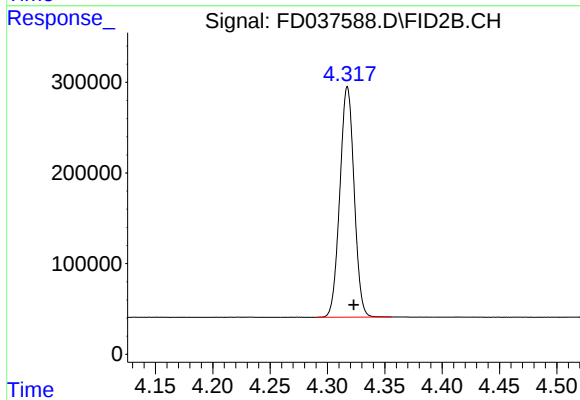
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Signal Info : 20M x 0.18mm x 0.18um





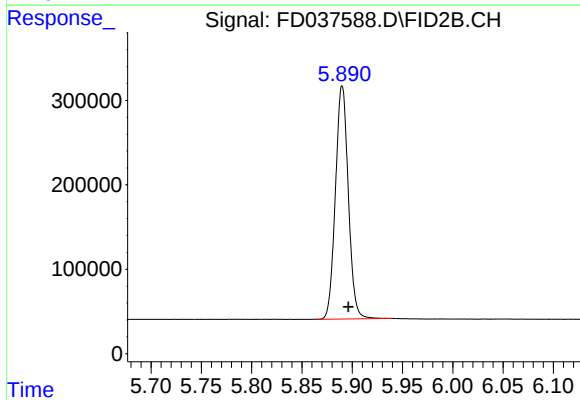
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.006 min
Response: 2175436
Conc: 21.56 ug/ml



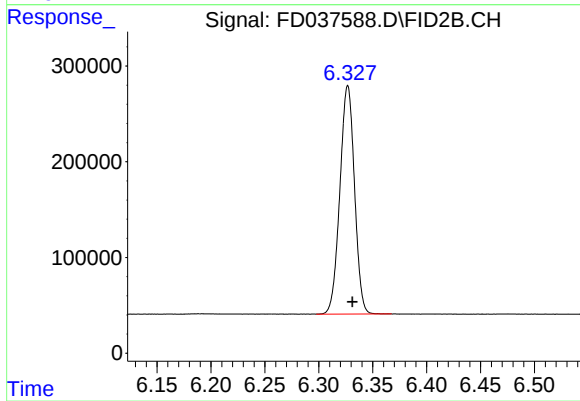
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: -0.005 min
Response: 2207790
Conc: 21.76 ug/ml



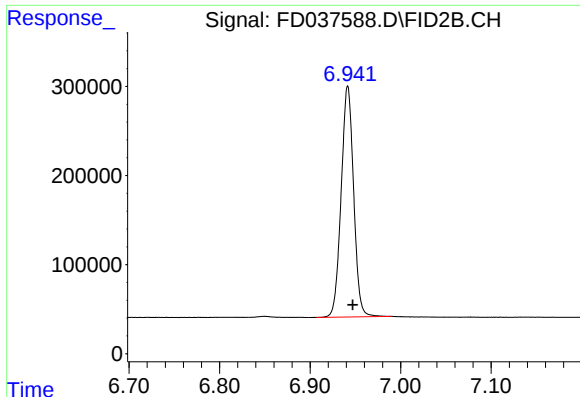
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 2463779
Conc: 21.64 ug/ml



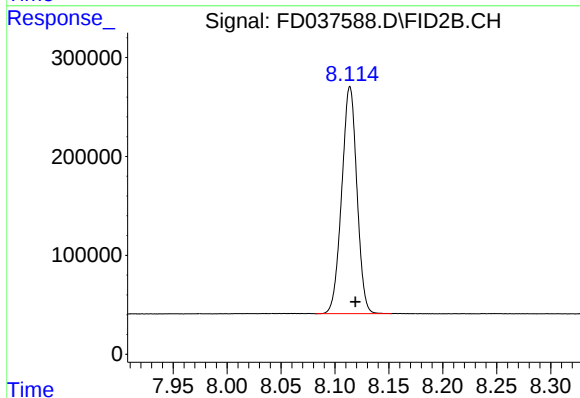
#4 n-Dodecane (C12)

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 2254230
Conc: 21.81 ug/ml



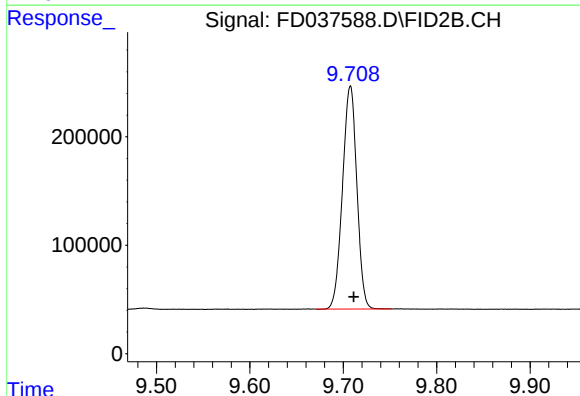
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.005 min
Response: 2479459
Conc: 21.42 ug/ml



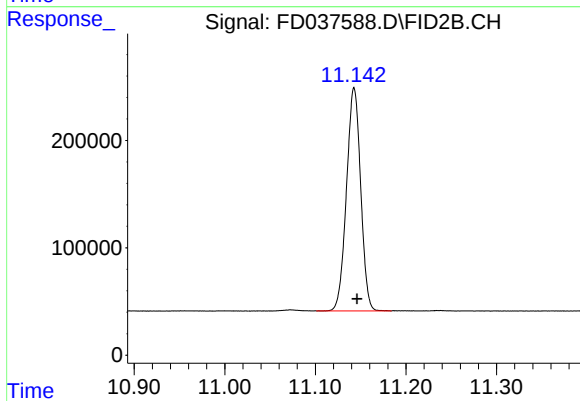
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.005 min
Response: 2252302
Conc: 21.61 ug/ml



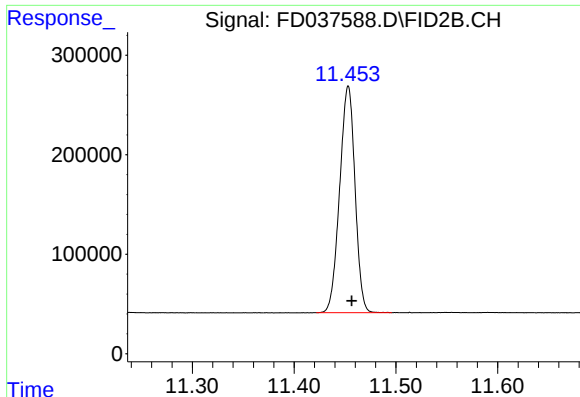
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.004 min
Response: 2196763
Conc: 21.29 ug/ml



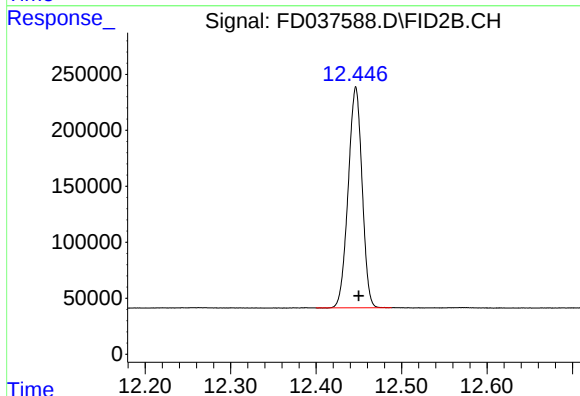
#8 n-Octadecane (C18)

R.T.: 11.143 min
Delta R.T.: -0.003 min
Response: 2262793
Conc: 20.94 ug/ml



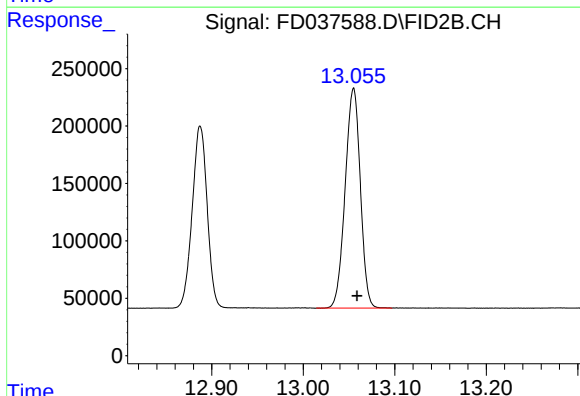
#9 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.003 min
Response: 2385867
Conc: 20.35 ug/ml



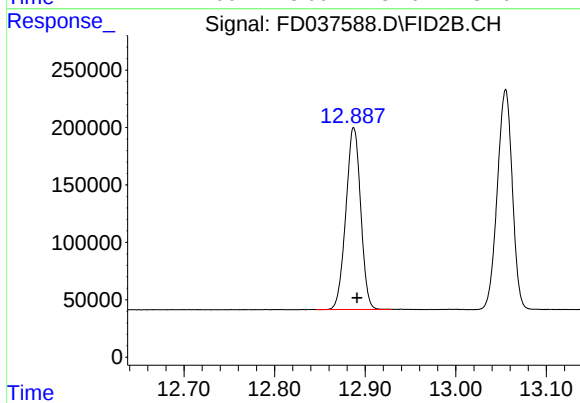
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: -0.003 min
Response: 2231348
Conc: 20.47 ug/ml



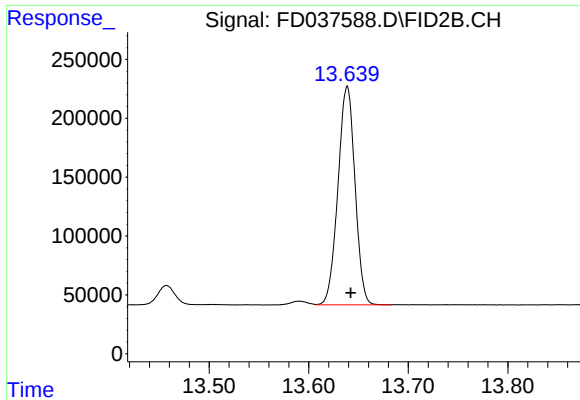
#11 n-Heneicosane (C21)

R.T.: 13.055 min
Delta R.T.: -0.004 min
Response: 2202747
Conc: 20.23 ug/ml



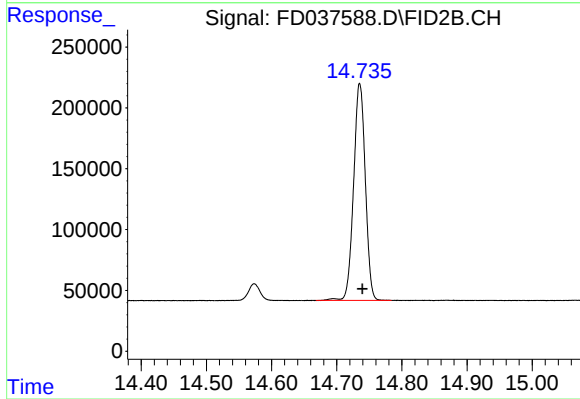
#12 1-chlorooctadecane (SURR)

R.T.: 12.887 min
Delta R.T.: -0.004 min
Response: 1799251
Conc: 19.80 ug/ml



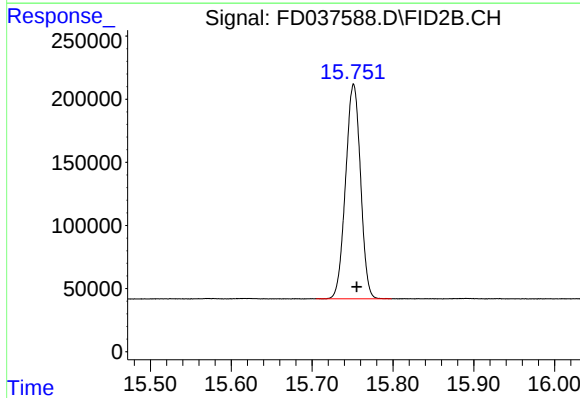
#13 n-Docosane (C22)

R.T.: 13.639 min
Delta R.T.: -0.004 min
Response: 2206547
Conc: 20.31 ug/ml



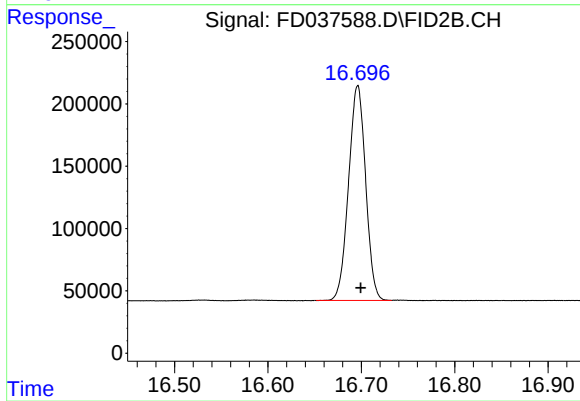
#14 n-Tetracosane (C24)

R.T.: 14.735 min
Delta R.T.: -0.004 min
Response: 2232700
Conc: 20.61 ug/ml



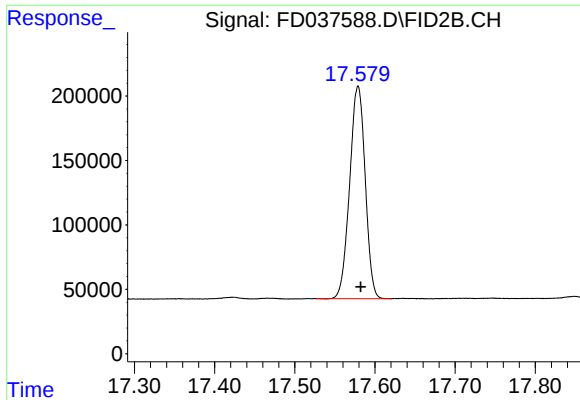
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.004 min
Response: 2185729
Conc: 20.52 ug/ml



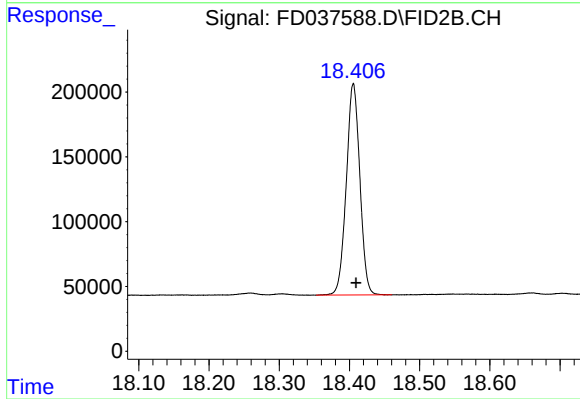
#16 n-Octacosane (C28)

R.T.: 16.696 min
Delta R.T.: -0.003 min
Response: 2189406
Conc: 20.66 ug/ml



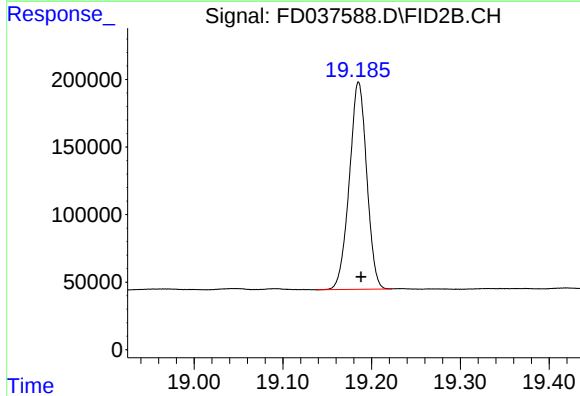
#17 n-Tricontane (C30)

R.T.: 17.579 min
Delta R.T.: -0.003 min
Response: 2223408
Conc: 21.12 ug/ml



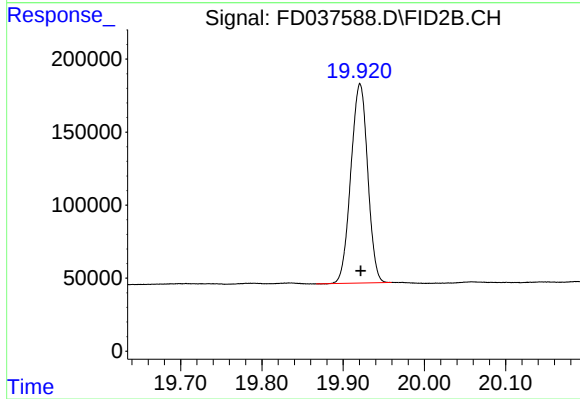
#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: -0.004 min
Response: 2189791
Conc: 21.02 ug/ml



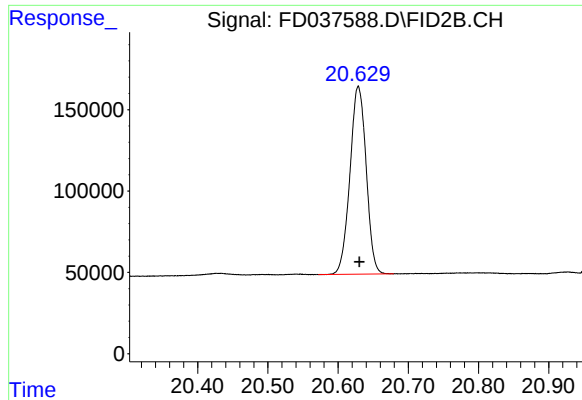
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: -0.003 min
Response: 2088193
Conc: 20.54 ug/ml



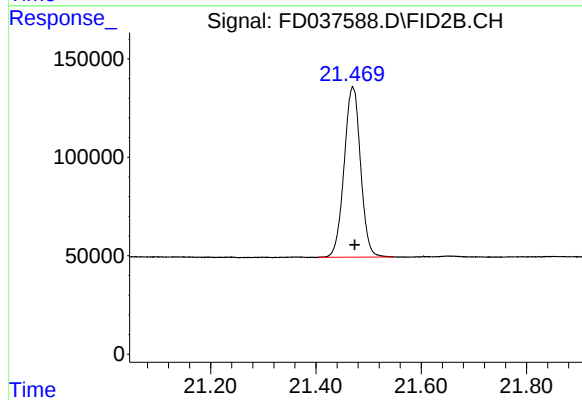
#20 n-Hexatriacontane (C36)

R.T.: 19.921 min
Delta R.T.: 0.000 min
Response: 1965175
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.629 min
Delta R.T.: -0.002 min
Response: 1850070
Conc: 20.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.470 min
Delta R.T.: -0.004 min
Response: 1871719
Conc: 19.44 ug/ml