

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041921AL\
 Data File : FD037018.D
 Signal(s) : FID2B.CH
 Acq On : 20 Apr 2021 4:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 20 04:52:49 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)	11.480	2714269	18.318 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
12) S 1-chlorooctadecane (S...	12.913	2098589	18.032 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
Target Compounds			
1) T n-Nonane (C9)	3.280	2598251	20.440 ug/ml
2) T n-Decane (C10)	4.341	2632764	20.432 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2954077	20.233 ug/ml
4) T n-Dodecane (C12)	6.352	2699214	20.362 ug/ml
5) T A~2-methylnaphthalene...	6.968	2993247	19.991 ug/ml
6) T n-Tetradecane (C14)	8.139	2697164	19.844 ug/ml
7) T n-Hexadecane (C16)	9.733	2628124	19.734 ug/ml
8) T n-Octadecane (C18)	11.169	2658027	19.189 ug/ml
10) T n-Eicosane (C20)	12.472	2562025	18.534 ug/ml
11) T n-Heneicosane (C21)	13.081	2498510	18.148 ug/ml
13) T n-Docosane (C22)	13.664	2435824	17.907 ug/ml
14) T n-Tetracosane (C24)	14.762	2317053	17.477 ug/ml
15) T n-Hexacosane (C26)	15.777	2198906	17.367 ug/ml
16) T n-Octacosane (C28)	16.722	2135744	17.709 ug/ml
17) T n-Tricontane (C30)	17.604	2112262	18.387 ug/ml
18) T n-Dotriacontane (C32)	18.431	2082015	18.929 ug/ml
19) T n-Tetratriacontane (C34)	19.210	2069343	20.149 ug/ml
20) T n-Hexatriacontane (C36)	19.945	2023620	20.711 ug/ml
21) T n-Octatriacontane (C38)	20.657	1980973	21.426 ug/ml
22) T n-Tetracontane (C40)	21.506	2038251	20.208 ug/ml

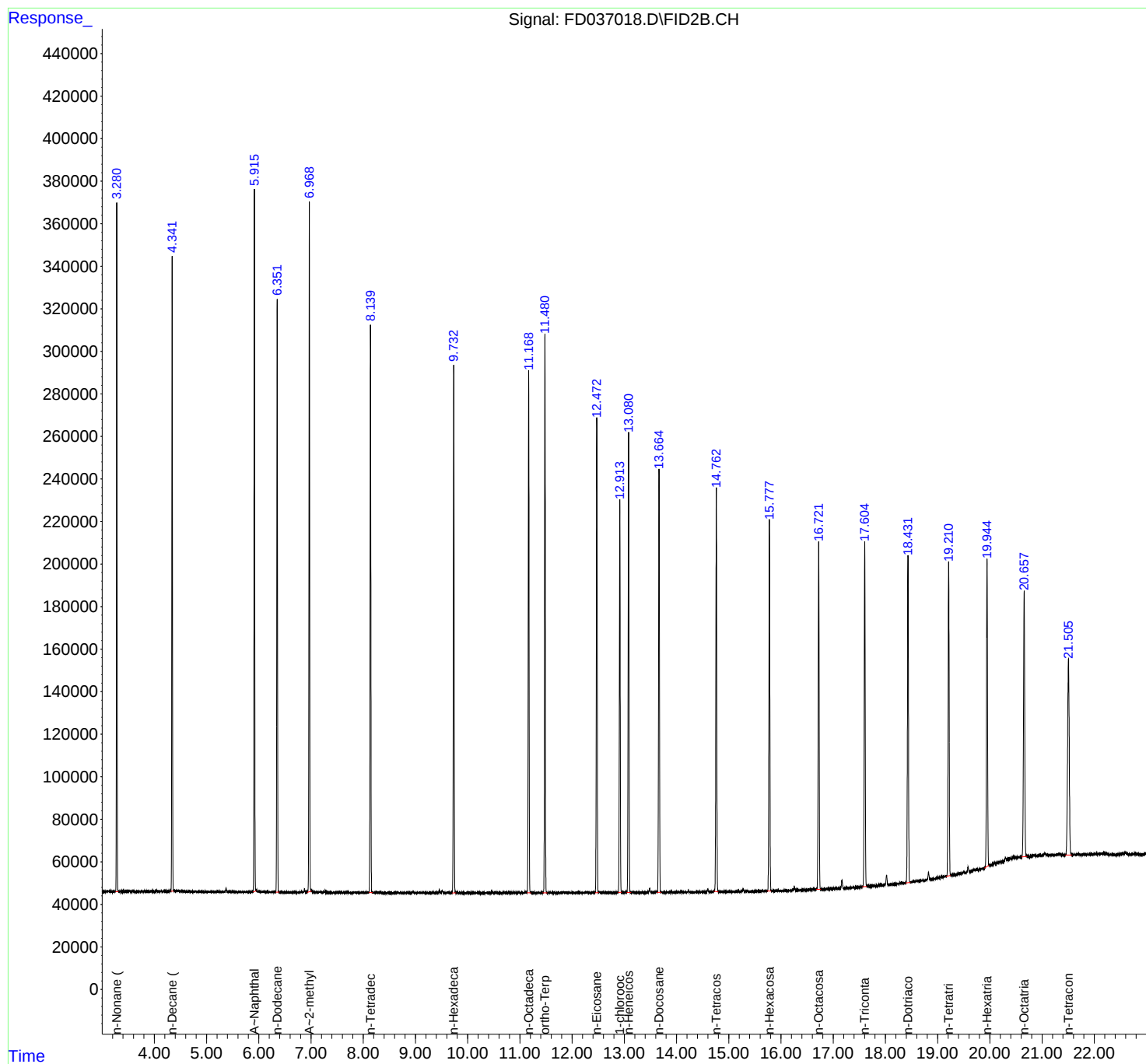
(f)=RT Delta > 1/2 Window

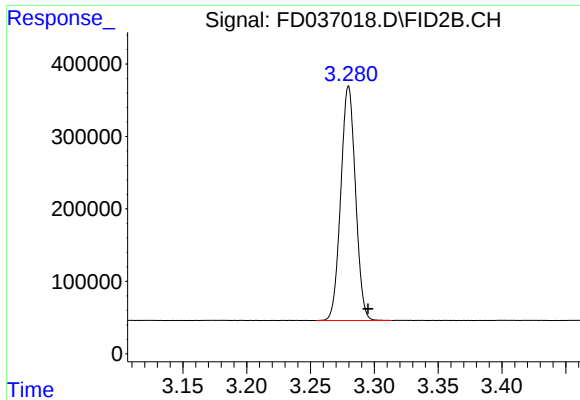
(m)=manual int.

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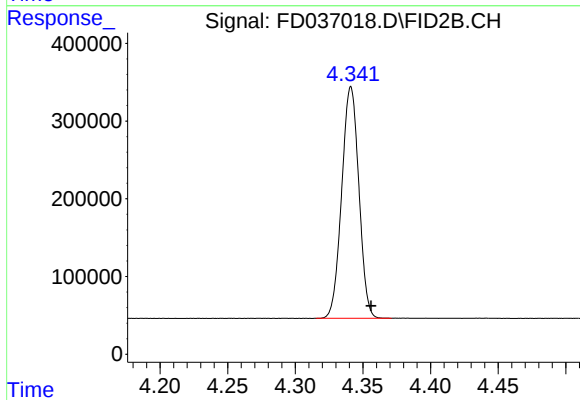
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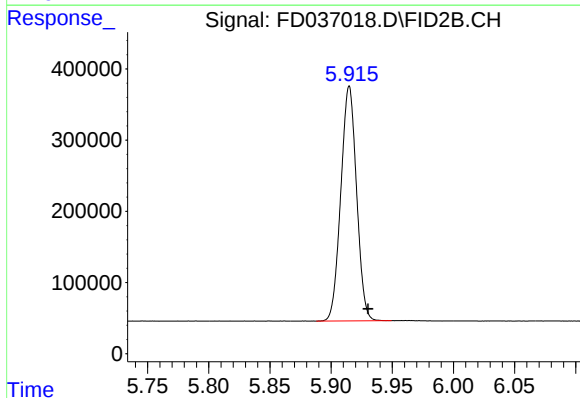
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.015 min
Response: 2598251
Conc: 20.44 ug/ml



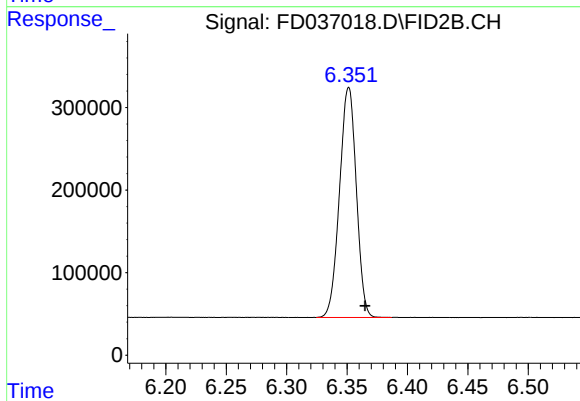
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: -0.015 min
Response: 2632764
Conc: 20.43 ug/ml



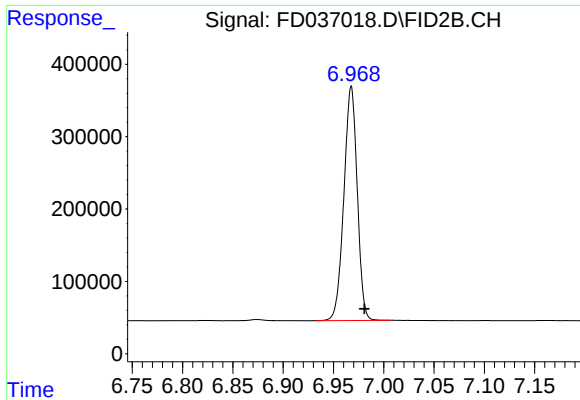
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.015 min
Response: 2954077
Conc: 20.23 ug/ml



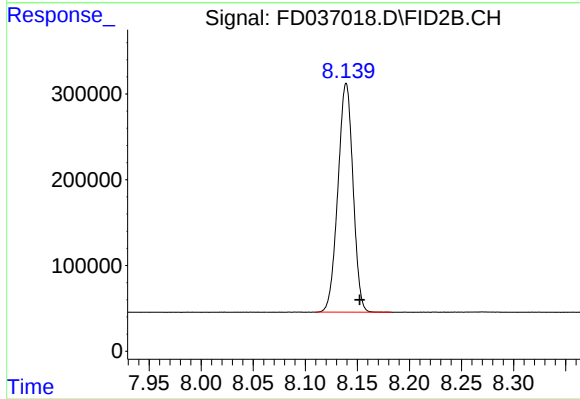
#4 n-Dodecane (C12)

R.T.: 6.352 min
Delta R.T.: -0.013 min
Response: 2699214
Conc: 20.36 ug/ml



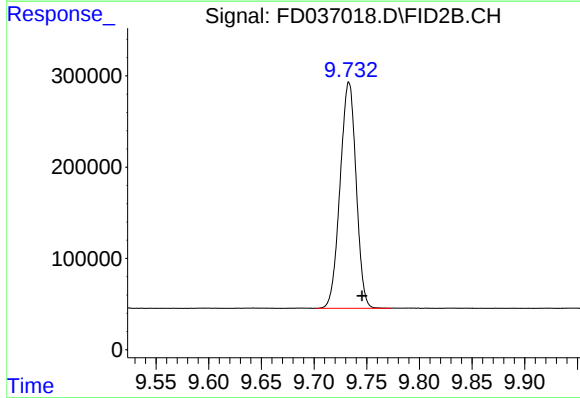
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.013 min
Response: 2993247
Conc: 19.99 ug/ml



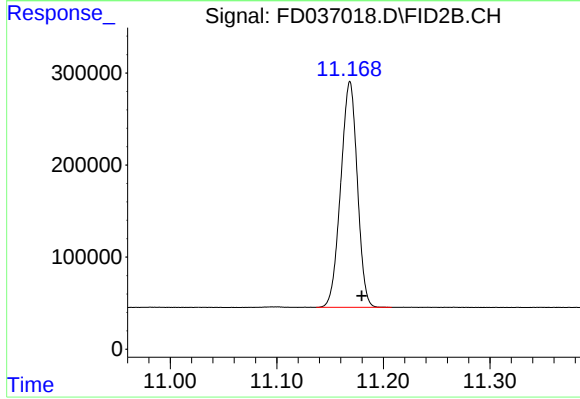
#6 n-Tetradecane (C14)

R.T.: 8.139 min
Delta R.T.: -0.013 min
Response: 2697164
Conc: 19.84 ug/ml



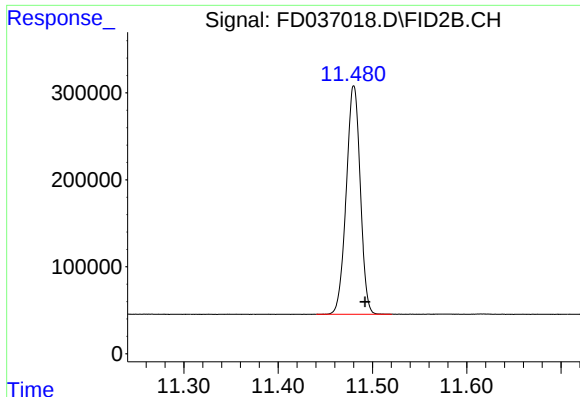
#7 n-Hexadecane (C16)

R.T.: 9.733 min
Delta R.T.: -0.013 min
Response: 2628124
Conc: 19.73 ug/ml



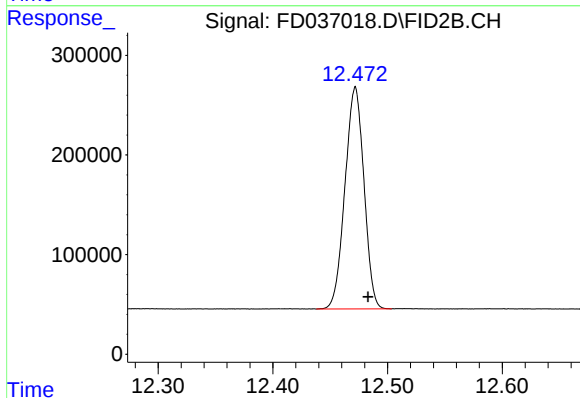
#8 n-Octadecane (C18)

R.T.: 11.169 min
Delta R.T.: -0.011 min
Response: 2658027
Conc: 19.19 ug/ml



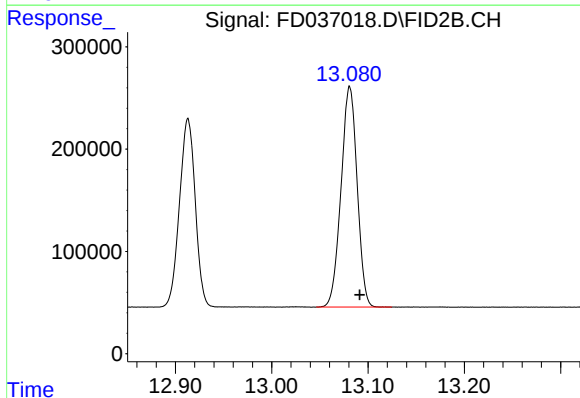
#9 ortho-Terphenyl (SURR)

R.T.: 11.480 min
Delta R.T.: -0.012 min
Response: 2714269
Conc: 18.32 ug/ml



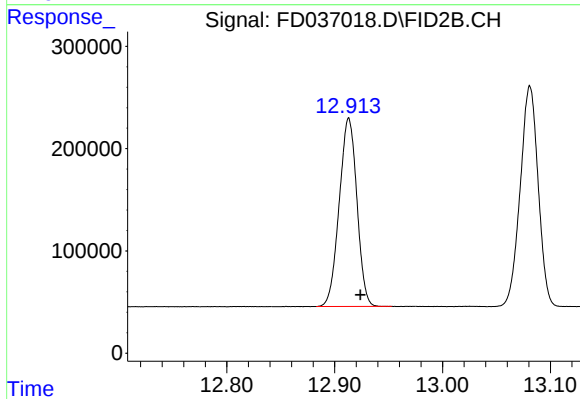
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: -0.011 min
Response: 2562025
Conc: 18.53 ug/ml



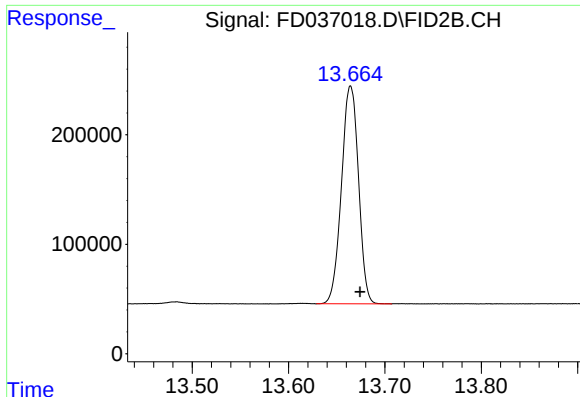
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: -0.010 min
Response: 2498510
Conc: 18.15 ug/ml



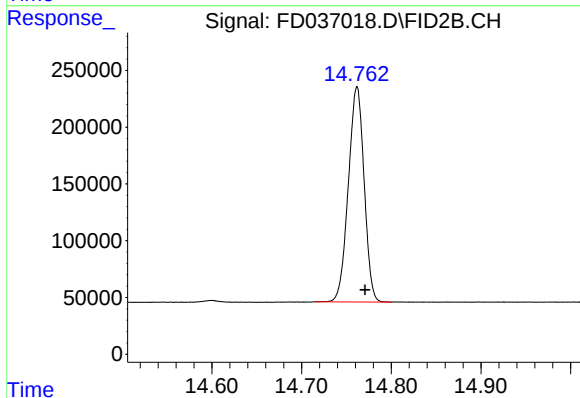
#12 1-chlorooctadecane (SURR)

R.T.: 12.913 min
Delta R.T.: -0.011 min
Response: 2098589
Conc: 18.03 ug/ml



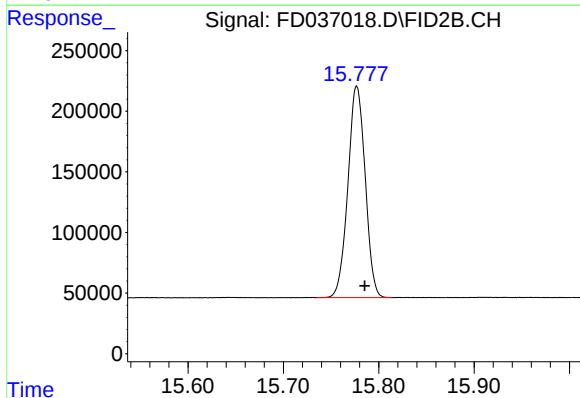
#13 n-Docosane (C22)

R.T.: 13.664 min
Delta R.T.: -0.010 min
Response: 2435824
Conc: 17.91 ug/ml



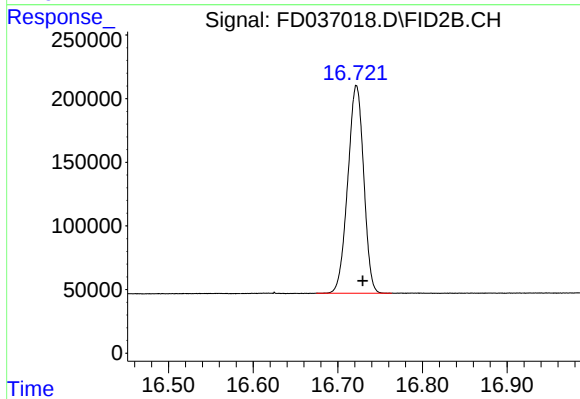
#14 n-Tetracosane (C24)

R.T.: 14.762 min
Delta R.T.: -0.009 min
Response: 2317053
Conc: 17.48 ug/ml



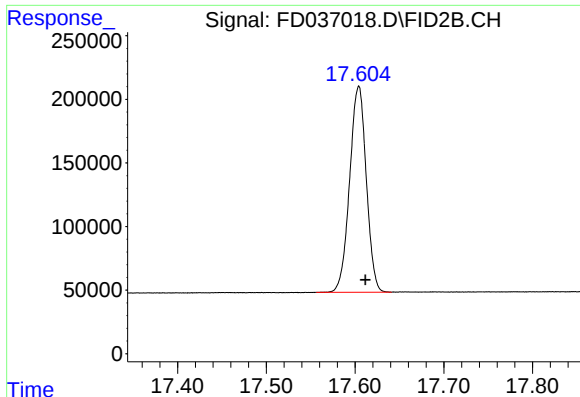
#15 n-Hexacosane (C26)

R.T.: 15.777 min
Delta R.T.: -0.008 min
Response: 2198906
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.722 min
Delta R.T.: -0.007 min
Response: 2135744
Conc: 17.71 ug/ml



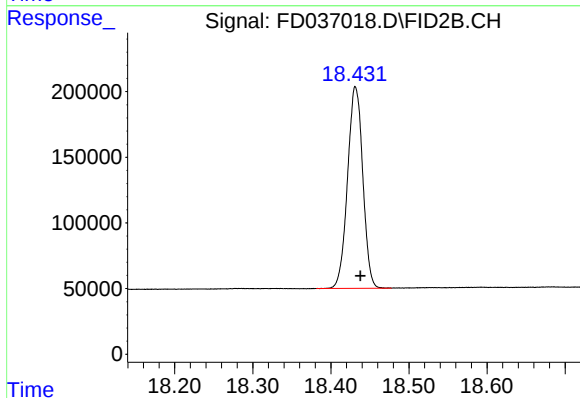
#17 n-Tricontane (C30)

R.T.: 17.604 min

Delta R.T.: -0.007 min

Response: 2112262

Conc: 18.39 ug/ml



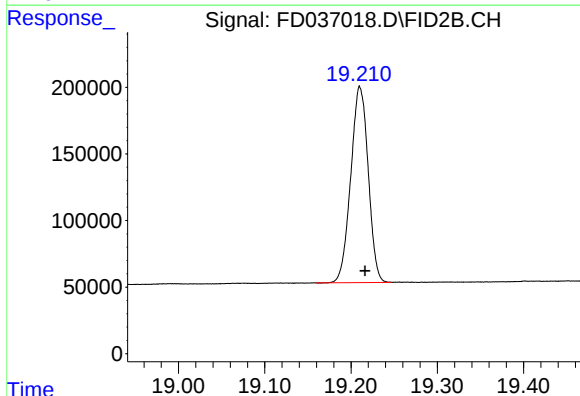
#18 n-Dotriacontane (C32)

R.T.: 18.431 min

Delta R.T.: -0.006 min

Response: 2082015

Conc: 18.93 ug/ml



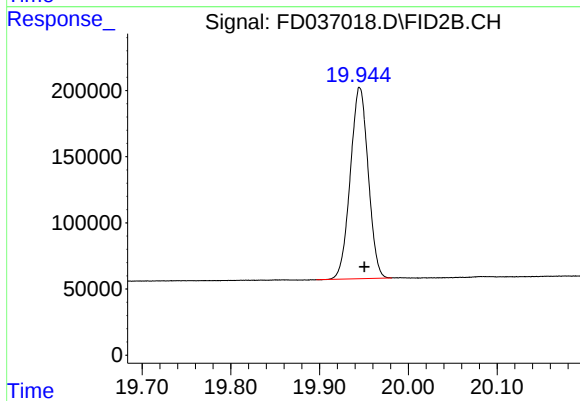
#19 n-Tetratriacontane (C34)

R.T.: 19.210 min

Delta R.T.: -0.006 min

Response: 2069343

Conc: 20.15 ug/ml



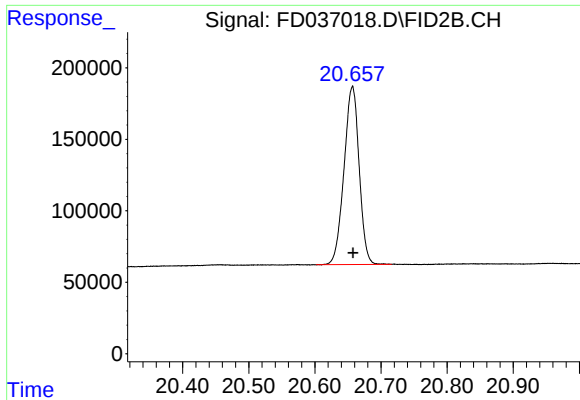
#20 n-Hexatriacontane (C36)

R.T.: 19.945 min

Delta R.T.: -0.005 min

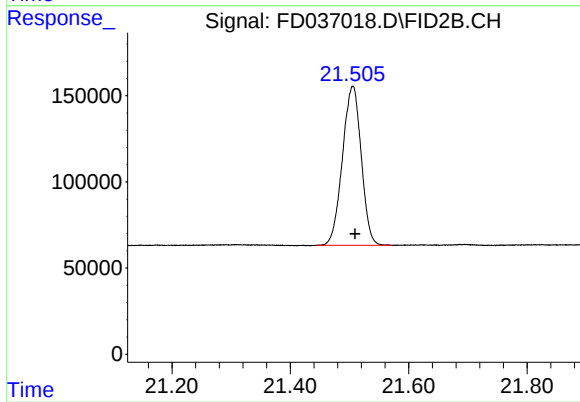
Response: 2023620

Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: -0.001 min
Response: 1980973
Conc: 21.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.506 min
Delta R.T.: -0.003 min
Response: 2038251
Conc: 20.21 ug/ml