

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120321AL\
 Data File : FD039700.D
 Signal(s) : FID2B.CH
 Acq On : 03 Dec 2021 13:30
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 03 22:51:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 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)	11.653	2411811	18.932 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
12) S 1-chlorooctadecane (S...	13.081	1869826	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	3.416	2175931	19.045 ug/ml
2) T n-Decane (C10)	4.484	2195890	19.093 ug/ml
3) T A~Naphthalene (C11.7)	6.076	2422086	19.034 ug/ml
4) T n-Dodecane (C12)	6.499	2189799	19.016 ug/ml
5) T A~2-methylnaphthalene...	7.130	2411699	18.939 ug/ml
6) T n-Tetradecane (C14)	8.292	2186107	18.866 ug/ml
7) T n-Hexadecane (C16)	9.890	2179568	18.746 ug/ml
8) T n-Octadecane (C18)	11.329	2235560	18.814 ug/ml
10) T n-Eicosane (C20)	12.636	2220003	18.920 ug/ml
11) T n-Heneicosane (C21)	13.246	2234752	18.998 ug/ml
13) T n-Docosane (C22)	13.831	2241636	19.325 ug/ml
14) T n-Tetracosane (C24)	14.931	2311033	19.804 ug/ml
15) T n-Hexacosane (C26)	15.948	2255057	20.351 ug/ml
16) T n-Octacosane (C28)	16.894	2195756	20.468 ug/ml
17) T n-Tricontane (C30)	17.779	2144520	20.118 ug/ml
18) T n-Dotriacontane (C32)	18.607	2059633	19.775 ug/mlm
19) T n-Tetratriacontane (C34)	19.388	1978502	19.688 ug/ml
20) T n-Hexatriacontane (C36)	20.124	1879689	19.535 ug/mlm
21) T n-Octatriacontane (C38)	20.862	1805959	19.243 ug/ml
22) T n-Tetracontane (C40)	21.781	1791141	18.579 ug/ml

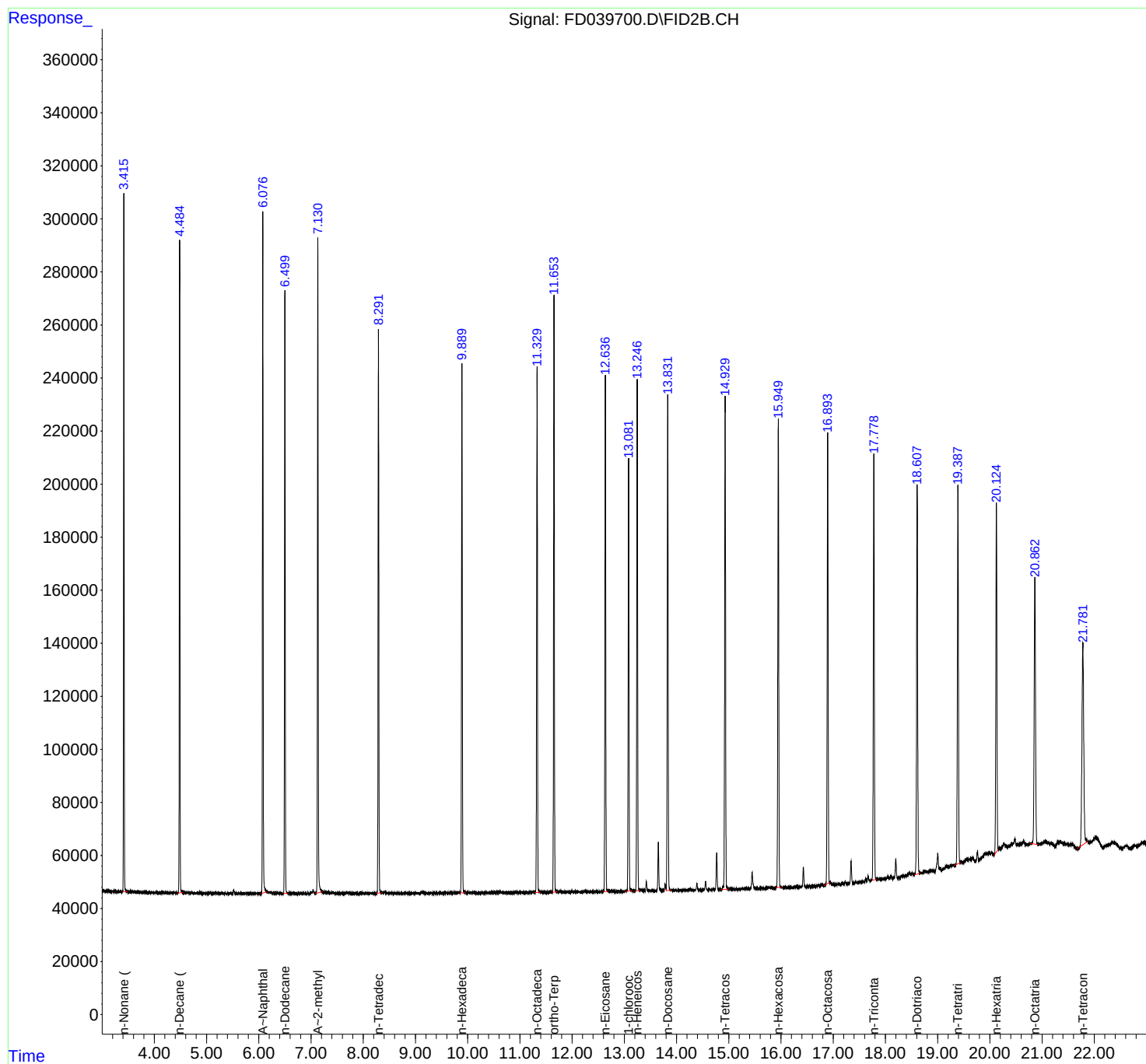
(f)=RT Delta > 1/2 Window

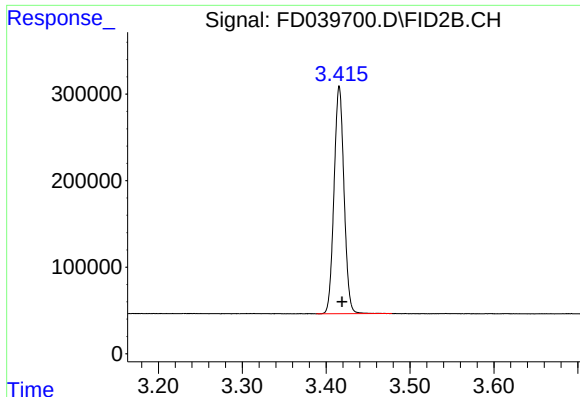
(m)=manual int.

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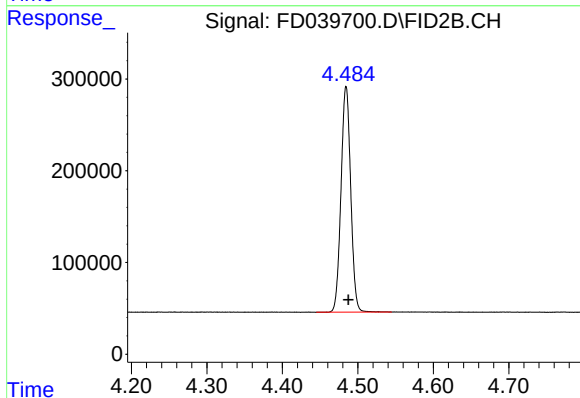
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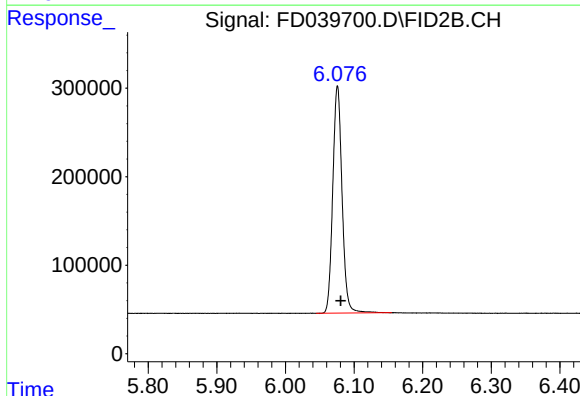
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: -0.003 min
Response: 2175931
Conc: 19.05 ug/ml



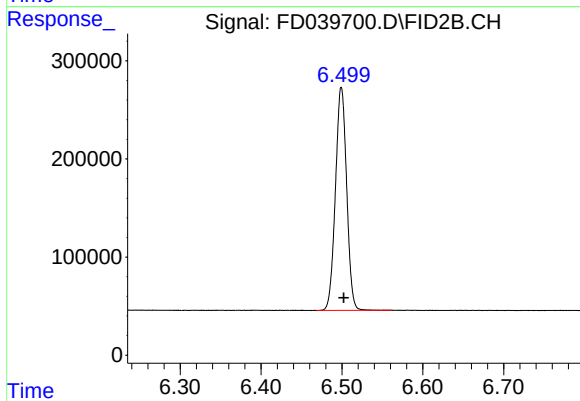
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.003 min
Response: 2195890
Conc: 19.09 ug/ml



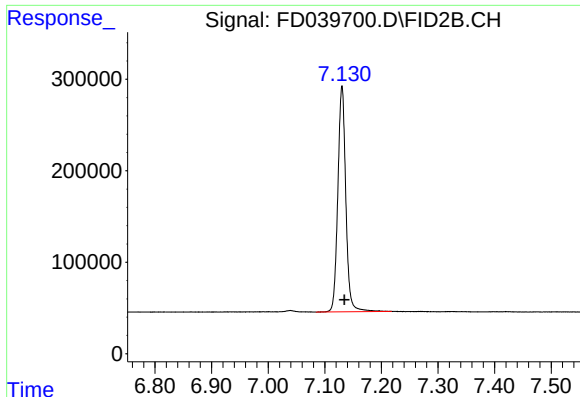
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 2422086
Conc: 19.03 ug/ml



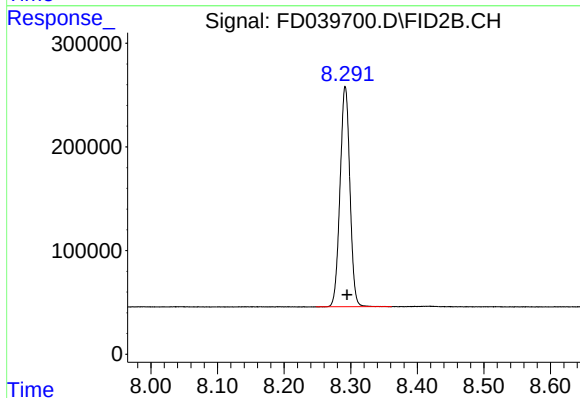
#4 n-Dodecane (C12)

R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 2189799
Conc: 19.02 ug/ml



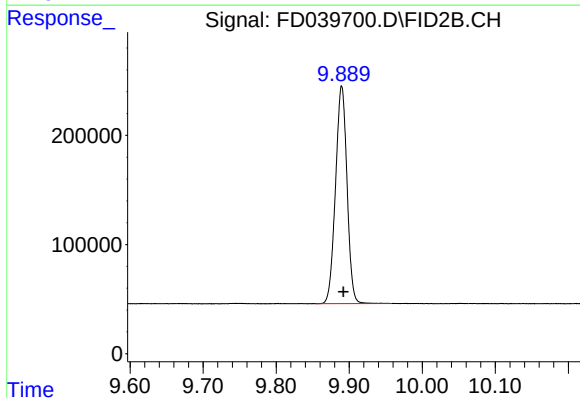
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.004 min
Response: 2411699
Conc: 18.94 ug/ml



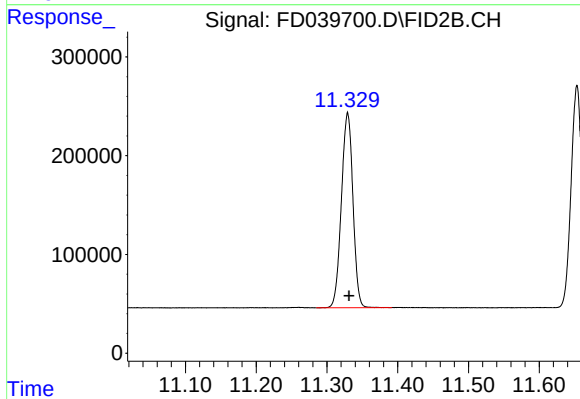
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: -0.003 min
Response: 2186107
Conc: 18.87 ug/ml



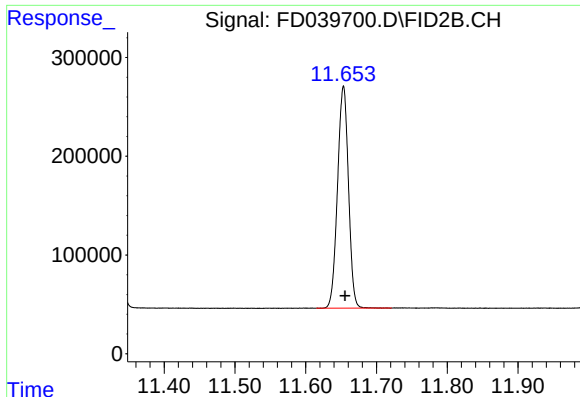
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.002 min
Response: 2179568
Conc: 18.75 ug/ml



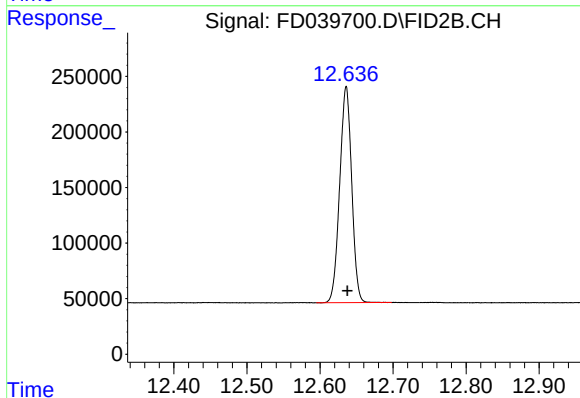
#8 n-Octadecane (C18)

R.T.: 11.329 min
Delta R.T.: -0.002 min
Response: 2235560
Conc: 18.81 ug/ml



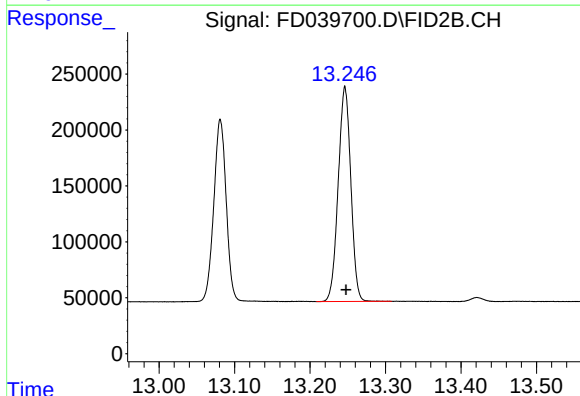
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.003 min
Response: 2411811
Conc: 18.93 ug/ml



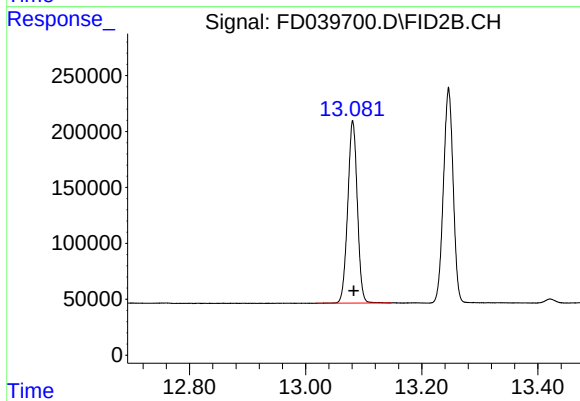
#10 n-Eicosane (C20)

R.T.: 12.636 min
Delta R.T.: -0.002 min
Response: 2220003
Conc: 18.92 ug/ml



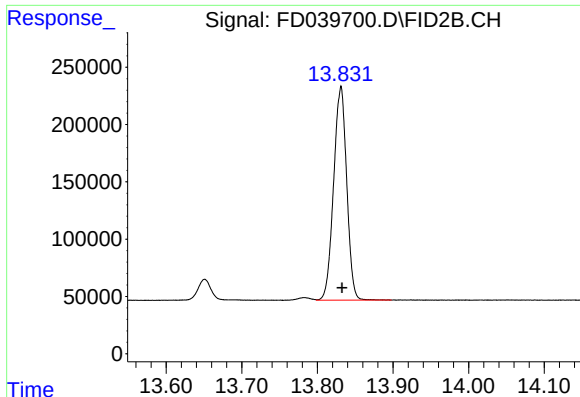
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: -0.002 min
Response: 2234752
Conc: 19.00 ug/ml



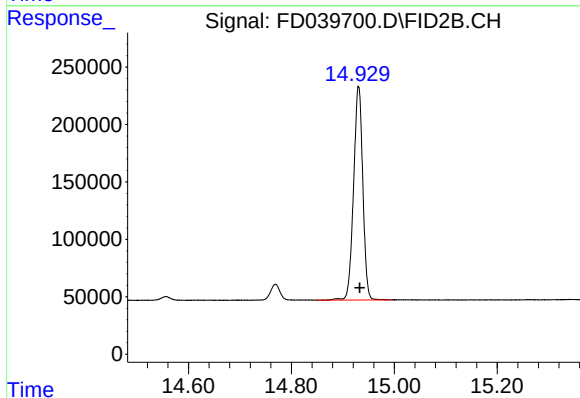
#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: -0.001 min
Response: 1869826
Conc: 19.01 ug/ml



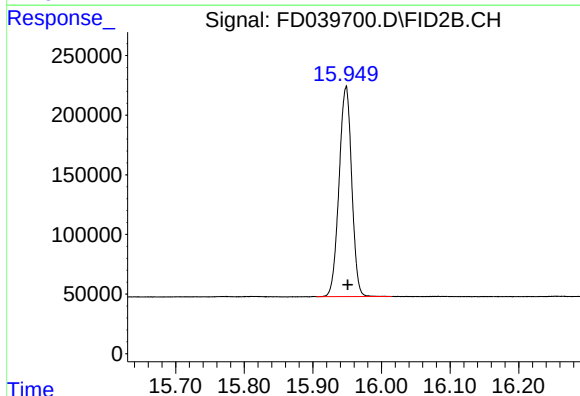
#13 n-Docosane (C22)

R.T.: 13.831 min
Delta R.T.: -0.002 min
Response: 2241636
Conc: 19.33 ug/ml



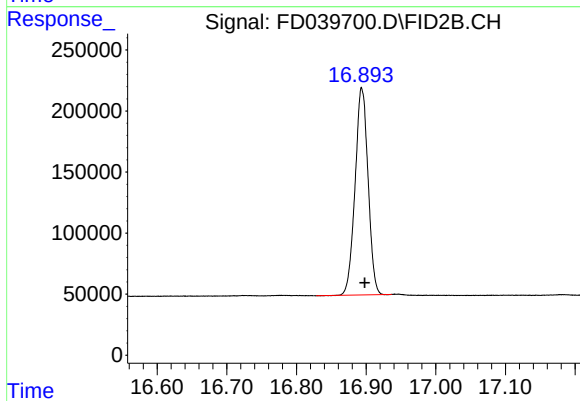
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.002 min
Response: 2311033
Conc: 19.80 ug/ml



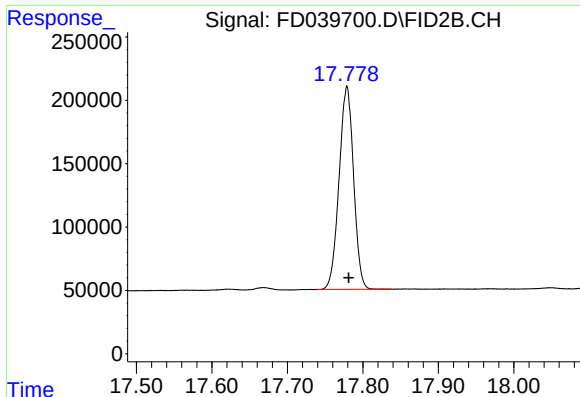
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: -0.003 min
Response: 2255057
Conc: 20.35 ug/ml



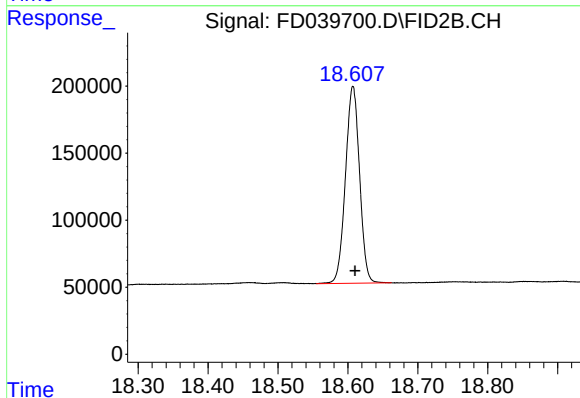
#16 n-Octacosane (C28)

R.T.: 16.894 min
Delta R.T.: -0.004 min
Response: 2195756
Conc: 20.47 ug/ml



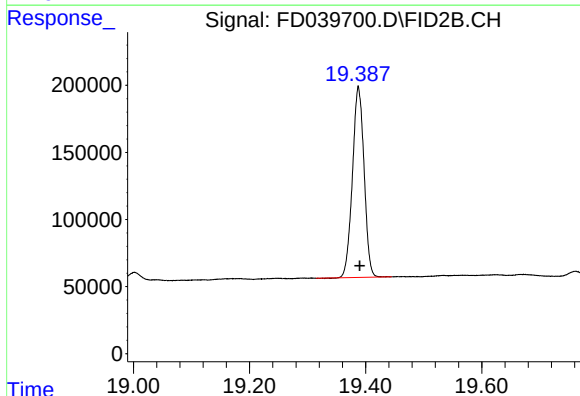
#17 n-Tricontane (C30)

R.T.: 17.779 min
Delta R.T.: -0.002 min
Response: 2144520
Conc: 20.12 ug/ml



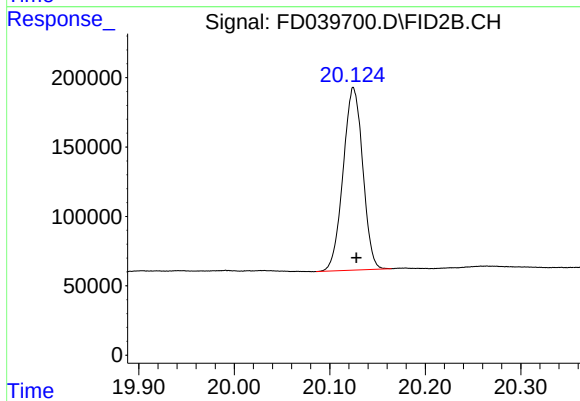
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: -0.004 min
Response: 2059633
Conc: 19.78 ug/ml m



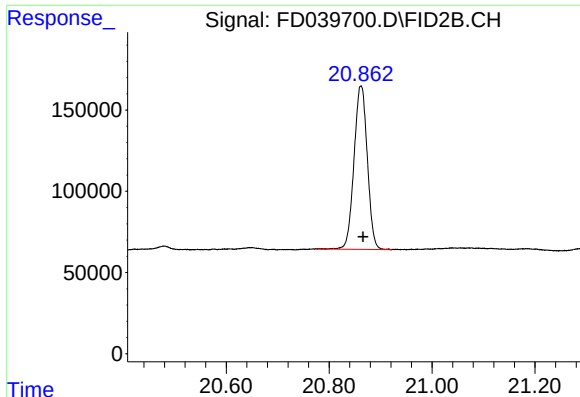
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.002 min
Response: 1978502
Conc: 19.69 ug/ml



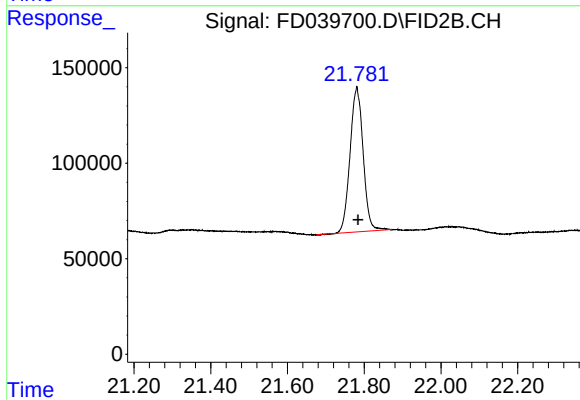
#20 n-Hexatriacontane (C36)

R.T.: 20.124 min
Delta R.T.: -0.004 min
Response: 1879689
Conc: 19.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.862 min
Delta R.T.: -0.004 min
Response: 1805959
Conc: 19.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.781 min
Delta R.T.: -0.003 min
Response: 1791141
Conc: 18.58 ug/ml