

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121121AL\
 Data File : FD039840.D
 Signal(s) : FID2B.CH
 Acq On : 12 Dec 2021 12:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 13 01:22:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 10 11:55:55 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)	11.459	2631286	19.064 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
12) S 1-chlorooctadecane (S...	12.889	2079684	19.347 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.263	2296295	19.140 ug/mlm
2) T n-Decane (C10)	4.324	2329977	19.325 ug/ml
3) T A~Naphthalene (C11.7)	5.901	2576638	19.943 ug/ml
4) T n-Dodecane (C12)	6.330	2324834	19.304 ug/ml
5) T A~2-methylnaphthalene...	6.950	2590634	20.091 ug/ml
6) T n-Tetradecane (C14)	8.115	2349857	19.387 ug/ml
7) T n-Hexadecane (C16)	9.709	2379029	19.442 ug/ml
8) T n-Octadecane (C18)	11.144	2469411	19.340 ug/ml
10) T n-Eicosane (C20)	12.447	2469384	19.238 ug/ml
11) T n-Heneicosane (C21)	13.057	2497759	19.065 ug/ml
13) T n-Docosane (C22)	13.640	2514047	19.223 ug/ml
14) T n-Tetracosane (C24)	14.737	2608089	19.500 ug/ml
15) T n-Hexacosane (C26)	15.752	2555480	19.442 ug/ml
16) T n-Octacosane (C28)	16.698	2536943	19.569 ug/ml
17) T n-Tricontane (C30)	17.580	2492412	20.107 ug/ml
18) T n-Dotriacontane (C32)	18.408	2350019	20.476 ug/mlm
19) T n-Tetratriacontane (C34)	19.187	2204775	20.684 ug/mlm
20) T n-Hexatriacontane (C36)	19.922	2021048	20.642 ug/mlm
21) T n-Octatriacontane (C38)	20.632	1862702	20.469 ug/ml
22) T n-Tetracontane (C40)	21.479	1853247	23.267 ug/ml

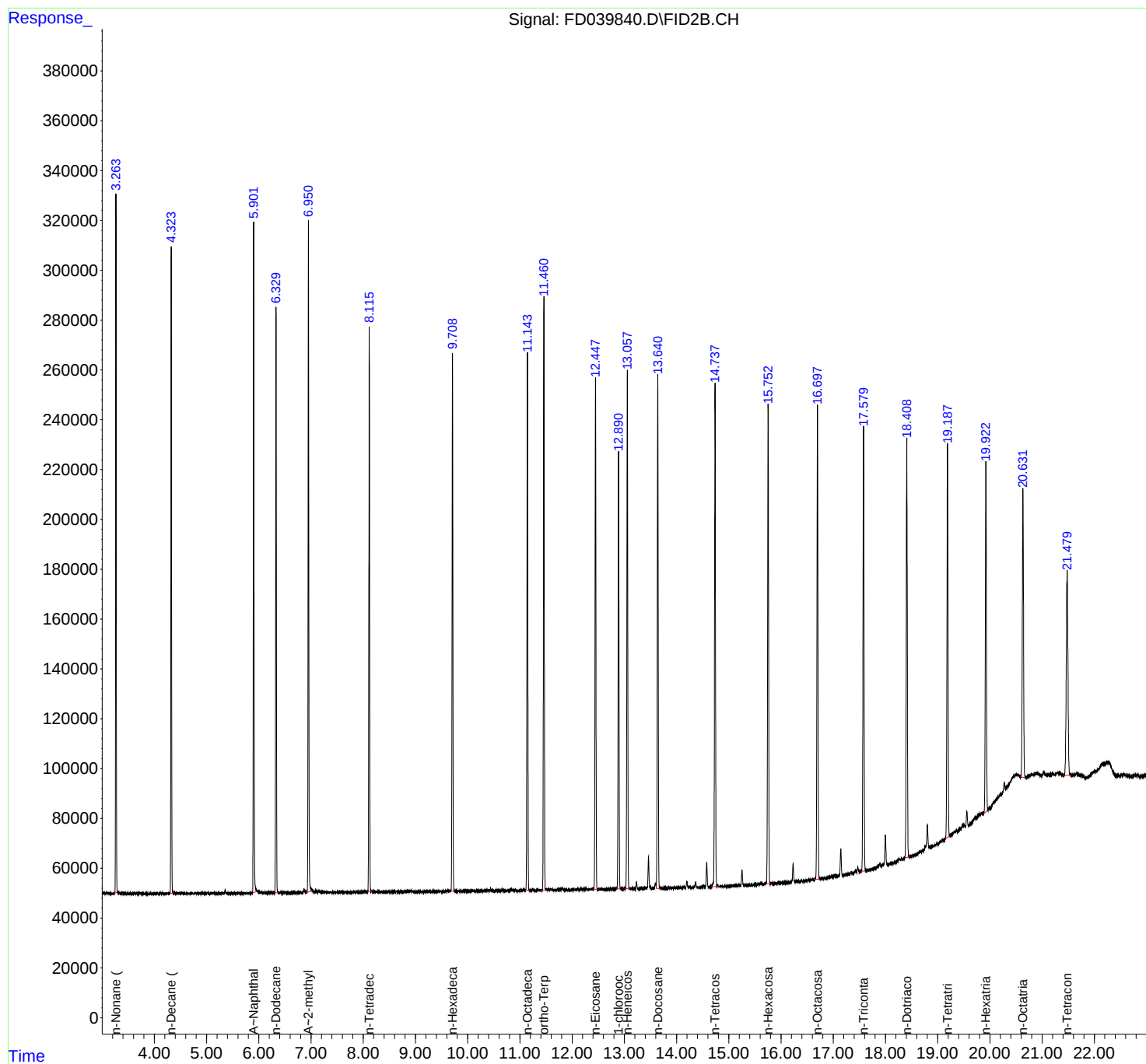
(f)=RT Delta > 1/2 Window

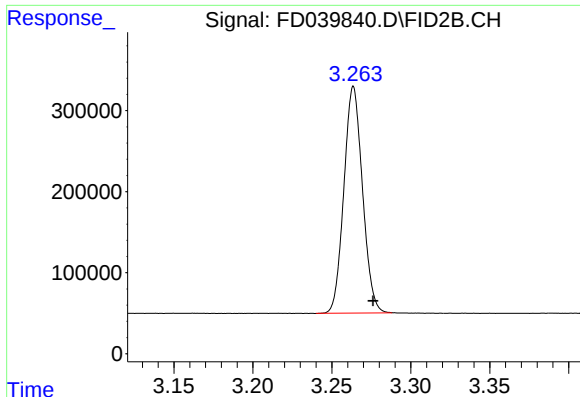
(m)=manual int.

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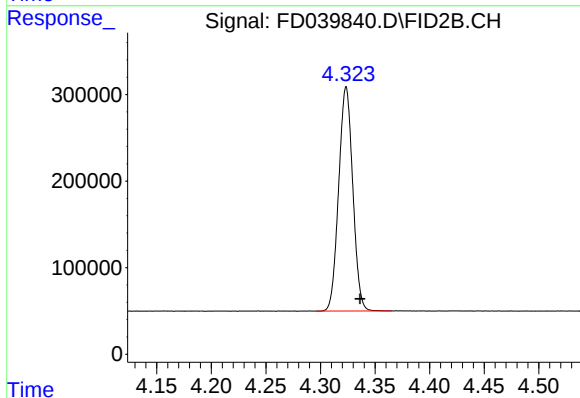
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





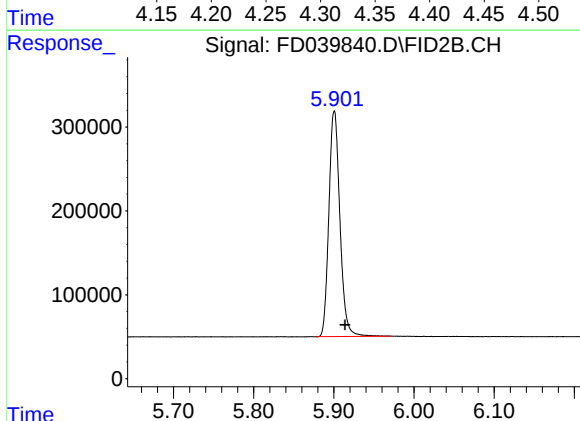
#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: -0.013 min
Response: 2296295
Conc: 19.14 ug/ml m



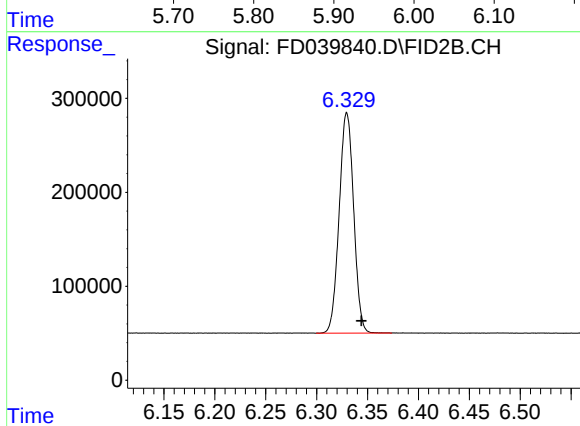
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.013 min
Response: 2329977
Conc: 19.32 ug/ml



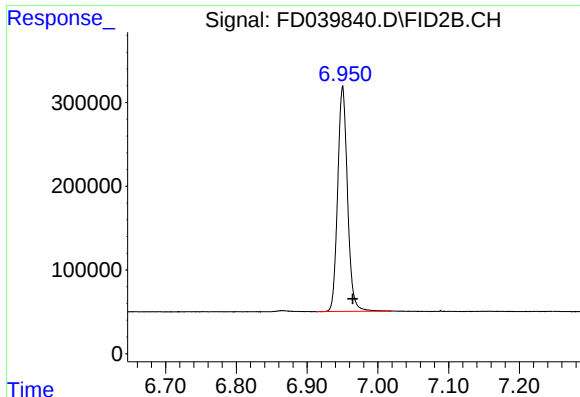
#3 A~Naphthalene (C11.7)

R.T.: 5.901 min
Delta R.T.: -0.013 min
Response: 2576638
Conc: 19.94 ug/ml



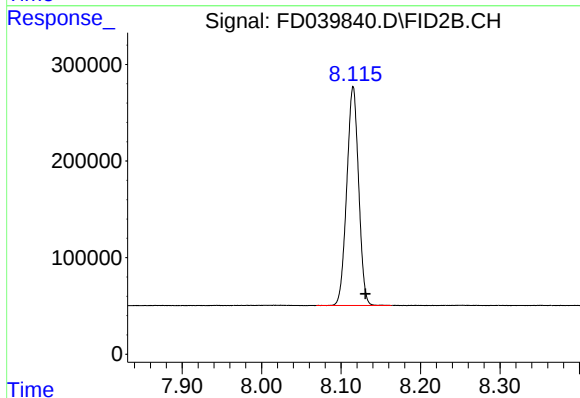
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.014 min
Response: 2324834
Conc: 19.30 ug/ml



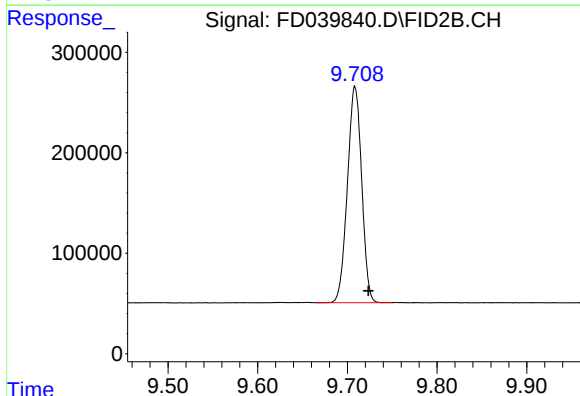
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.950 min
Delta R.T.: -0.014 min
Response: 2590634
Conc: 20.09 ug/ml



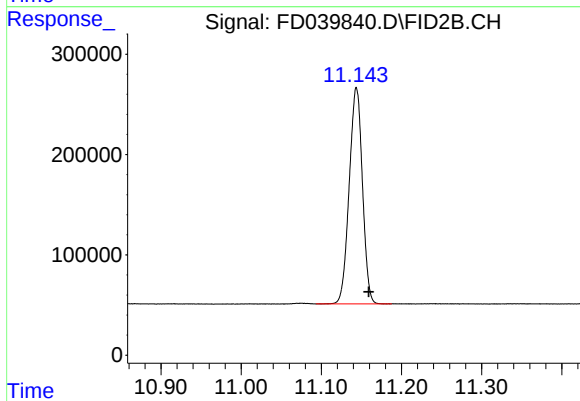
#6 n-Tetradecane (C14)

R.T.: 8.115 min
Delta R.T.: -0.015 min
Response: 2349857
Conc: 19.39 ug/ml



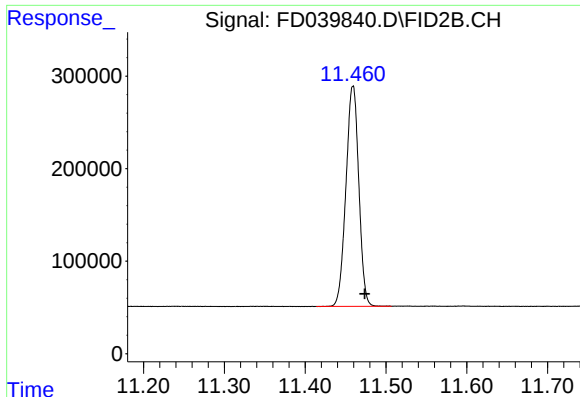
#7 n-Hexadecane (C16)

R.T.: 9.709 min
Delta R.T.: -0.015 min
Response: 2379029
Conc: 19.44 ug/ml



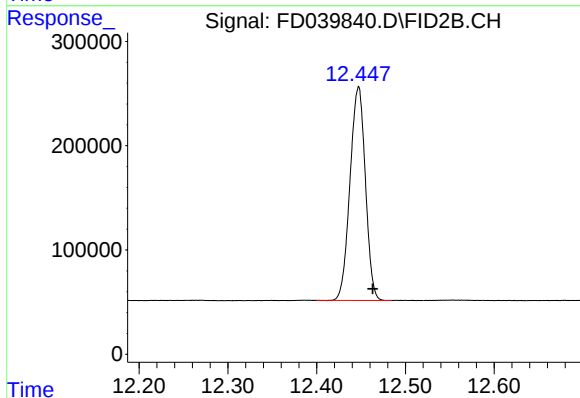
#8 n-Octadecane (C18)

R.T.: 11.144 min
Delta R.T.: -0.015 min
Response: 2469411
Conc: 19.34 ug/ml



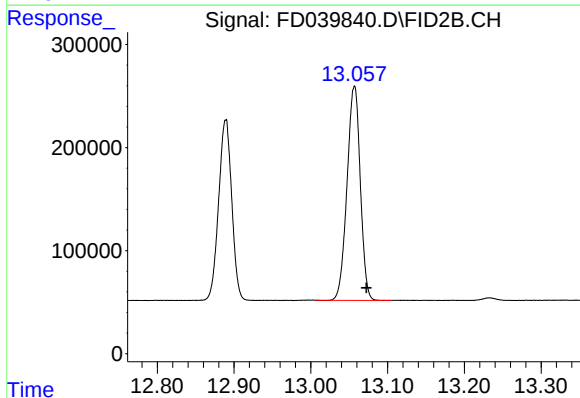
#9 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: -0.014 min
Response: 2631286
Conc: 19.06 ug/ml



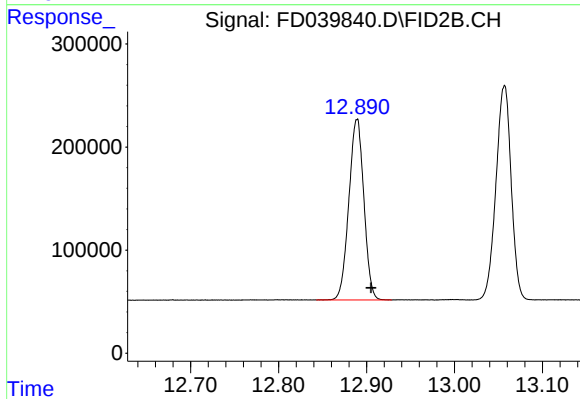
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: -0.016 min
Response: 2469384
Conc: 19.24 ug/ml



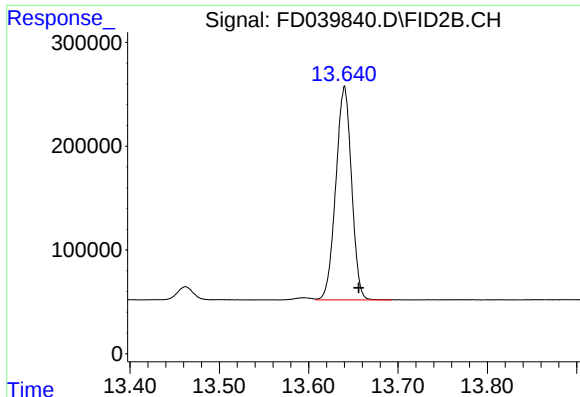
#11 n-Heneicosane (C21)

R.T.: 13.057 min
Delta R.T.: -0.016 min
Response: 2497759
Conc: 19.07 ug/ml



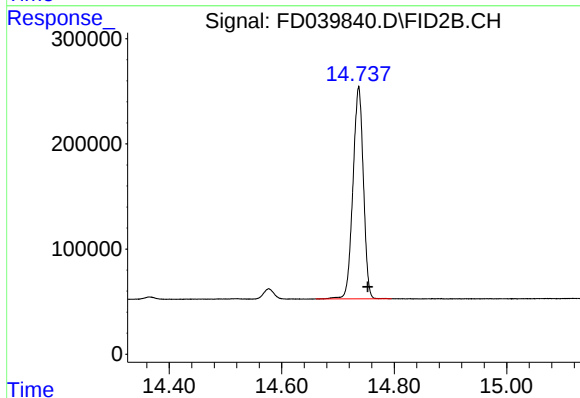
#12 1-chlorooctadecane (SURR)

R.T.: 12.889 min
Delta R.T.: -0.016 min
Response: 2079684
Conc: 19.35 ug/ml



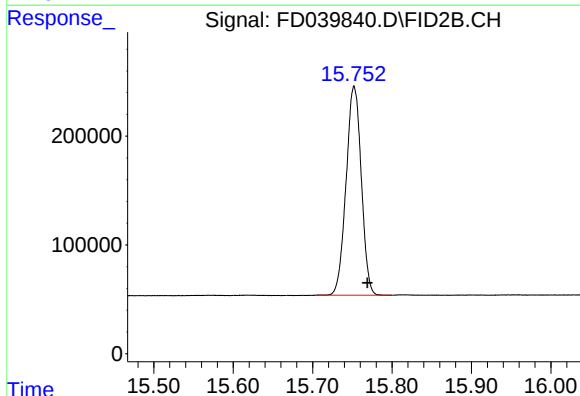
#13 n-Docosane (C22)

R.T.: 13.640 min
Delta R.T.: -0.016 min
Response: 2514047
Conc: 19.22 ug/ml



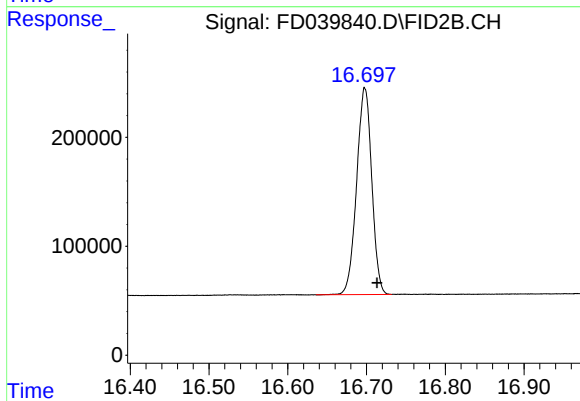
#14 n-Tetracosane (C24)

R.T.: 14.737 min
Delta R.T.: -0.016 min
Response: 2608089
Conc: 19.50 ug/ml



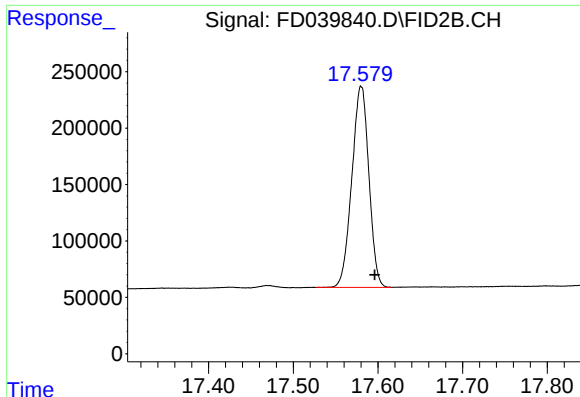
#15 n-Hexacosane (C26)

R.T.: 15.752 min
Delta R.T.: -0.017 min
Response: 2555480
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.698 min
Delta R.T.: -0.016 min
Response: 2536943
Conc: 19.57 ug/ml



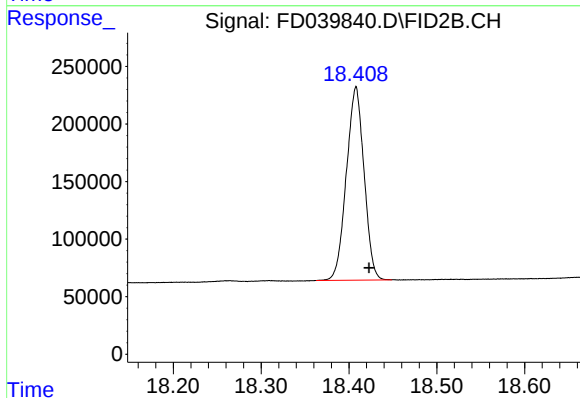
#17 n-Tricontane (C30)

R.T.: 17.580 min

Delta R.T.: -0.016 min

Response: 2492412

Conc: 20.11 ug/ml



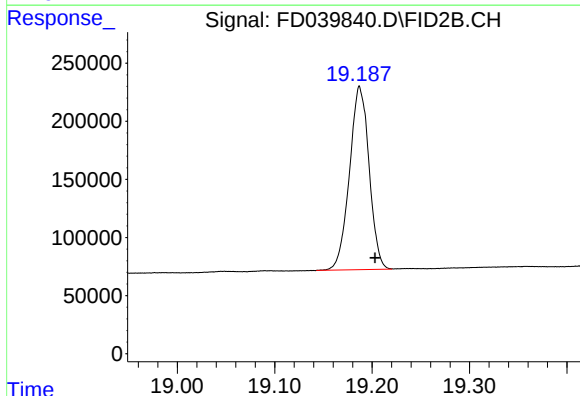
#18 n-Dotriacontane (C32)

R.T.: 18.408 min

Delta R.T.: -0.015 min

Response: 2350019

Conc: 20.48 ug/ml m



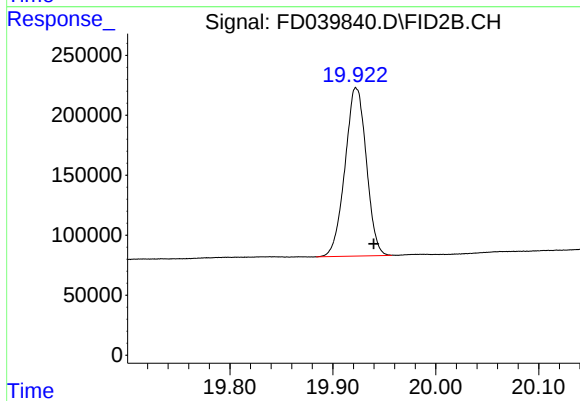
#19 n-Tetratriacontane (C34)

R.T.: 19.187 min

Delta R.T.: -0.016 min

Response: 2204775

Conc: 20.68 ug/ml m



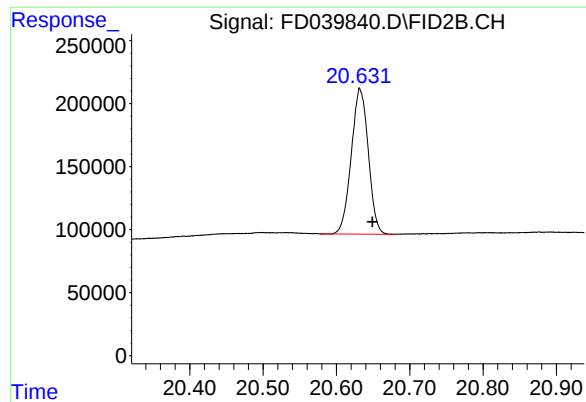
#20 n-Hexatriacontane (C36)

R.T.: 19.922 min

Delta R.T.: -0.018 min

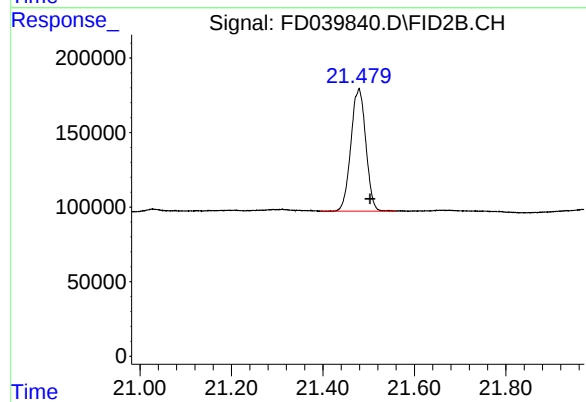
Response: 2021048

Conc: 20.64 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.632 min
Delta R.T.: -0.016 min
Response: 1862702
Conc: 20.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.479 min
Delta R.T.: -0.024 min
Response: 1853247
Conc: 23.27 ug/ml