

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102321AL\
 Data File : FD039203.D
 Signal(s) : FID2B.CH
 Acq On : 22 Oct 2021 11:09
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 22 23:21:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.676	2485497	17.512 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
12) S 1-chlorooctadecane (S...	13.102	1940220	17.254 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	3.434	2434277	19.298 ug/ml
2) T n-Decane (C10)	4.503	2468843	19.344 ug/ml
3) T A~Naphthalene (C11.7)	6.097	2722181	19.116 ug/ml
4) T n-Dodecane (C12)	6.520	2461209	19.218 ug/ml
5) T A~2-methylnaphthalene...	7.153	2710135	18.931 ug/ml
6) T n-Tetradecane (C14)	8.313	2450525	18.885 ug/ml
7) T n-Hexadecane (C16)	9.911	2425264	18.595 ug/ml
8) T n-Octadecane (C18)	11.350	2429876	18.168 ug/ml
10) T n-Eicosane (C20)	12.656	2355499	17.761 ug/ml
11) T n-Heneicosane (C21)	13.267	2330383	17.403 ug/ml
13) T n-Docosane (C22)	13.851	2318319	17.477 ug/ml
14) T n-Tetracosane (C24)	14.951	2375689	17.929 ug/ml
15) T n-Hexacosane (C26)	15.968	2303907	17.899 ug/ml
16) T n-Octacosane (C28)	16.914	2279402	18.077 ug/ml
17) T n-Tricontane (C30)	17.799	2291719	18.789 ug/ml
18) T n-Dotriacontane (C32)	18.628	2225206	19.193 ug/ml
19) T n-Tetratriacontane (C34)	19.408	2132327	19.754 ug/ml
20) T n-Hexatriacontane (C36)	20.146	2061183	21.064 ug/ml
21) T n-Octatriacontane (C38)	20.888	1995049	22.223 ug/ml
22) T n-Tetracontane (C40)	21.815	2058019	23.362 ug/ml

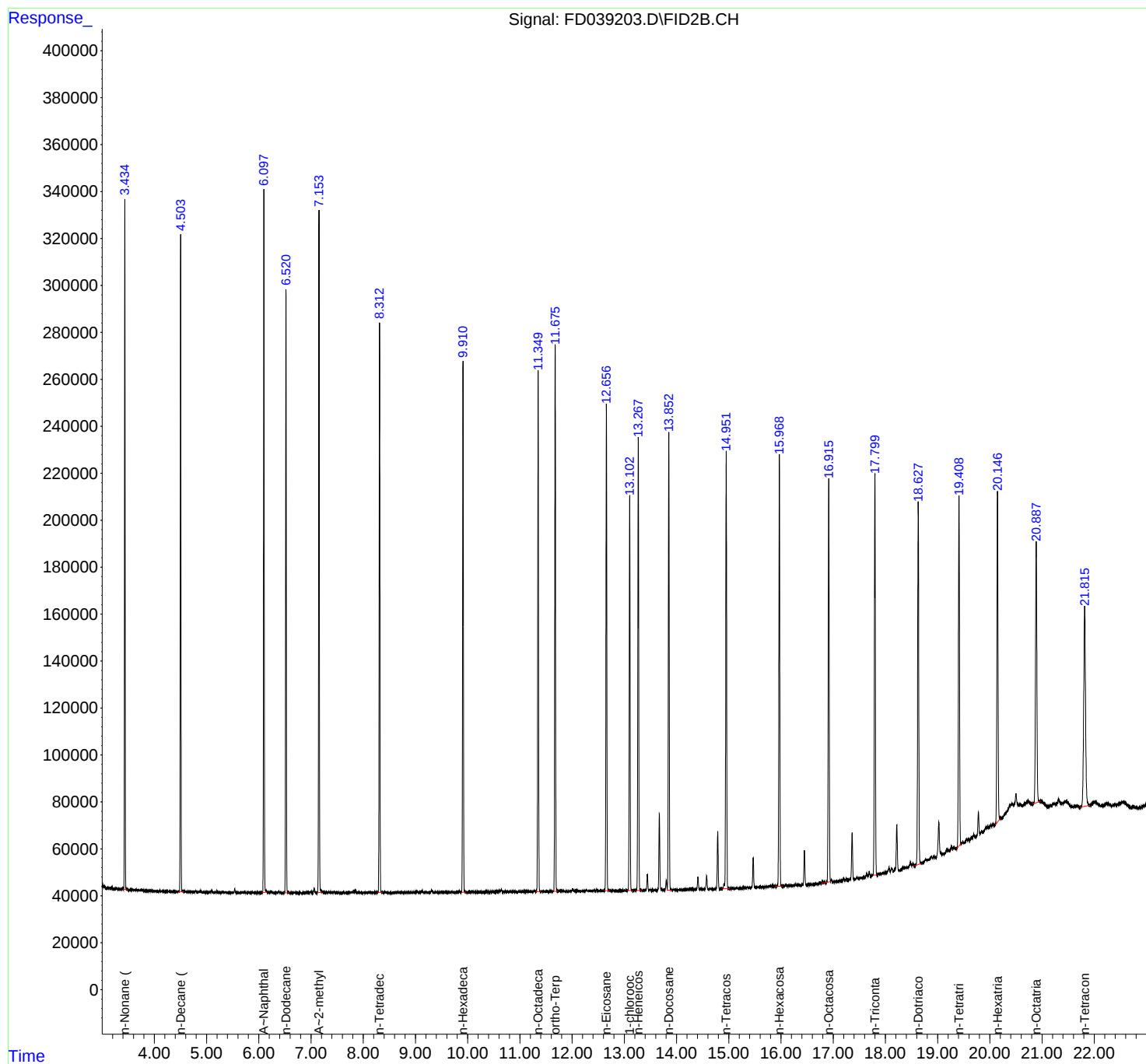
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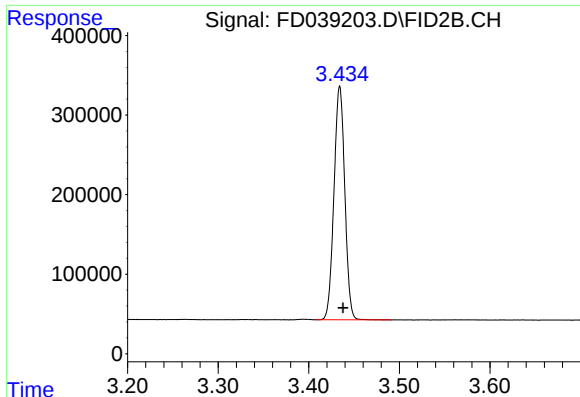
(m)=manual int.

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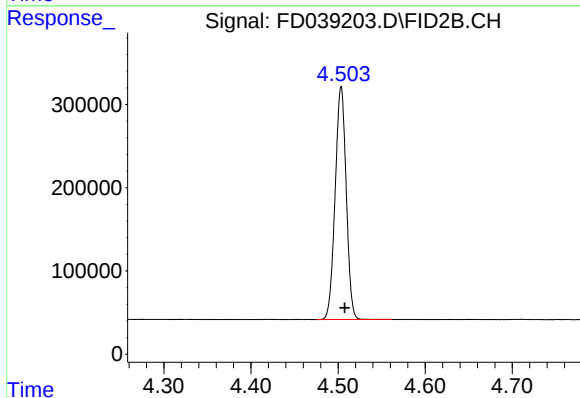
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
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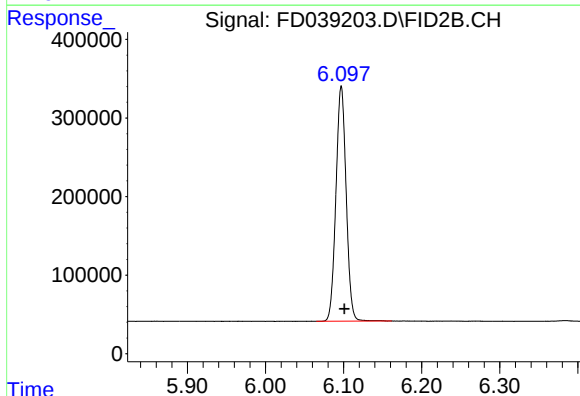
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: -0.004 min
Response: 2434277
Conc: 19.30 ug/ml



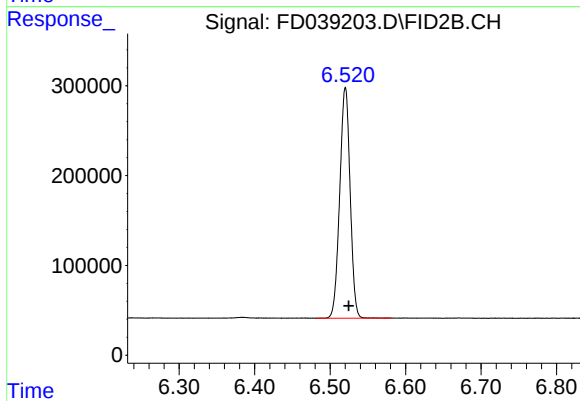
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.004 min
Response: 2468843
Conc: 19.34 ug/ml



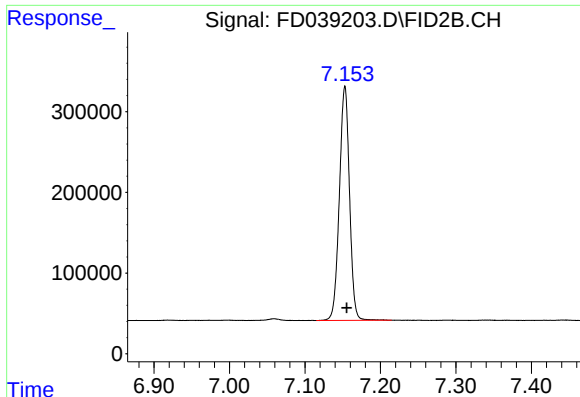
#3 A~Naphthalene (C11.7)

R.T.: 6.097 min
Delta R.T.: -0.004 min
Response: 2722181
Conc: 19.12 ug/ml



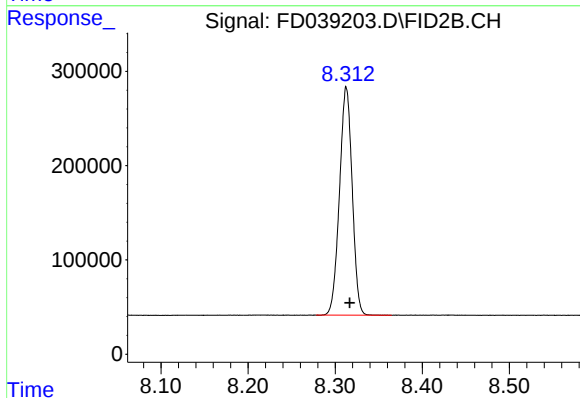
#4 n-Dodecane (C12)

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 2461209
Conc: 19.22 ug/ml



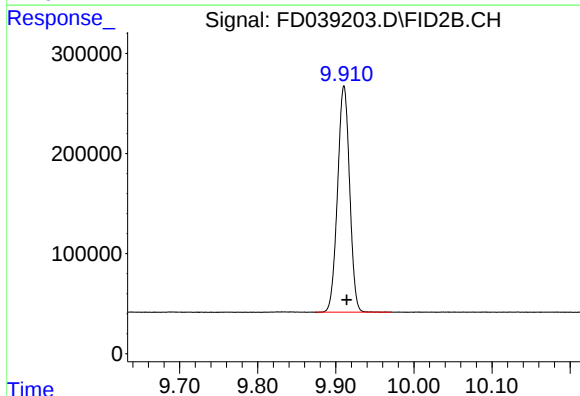
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: -0.003 min
Response: 2710135
Conc: 18.93 ug/ml



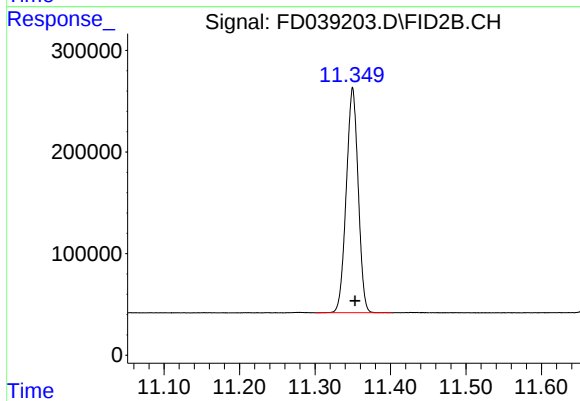
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: -0.004 min
Response: 2450525
Conc: 18.88 ug/ml



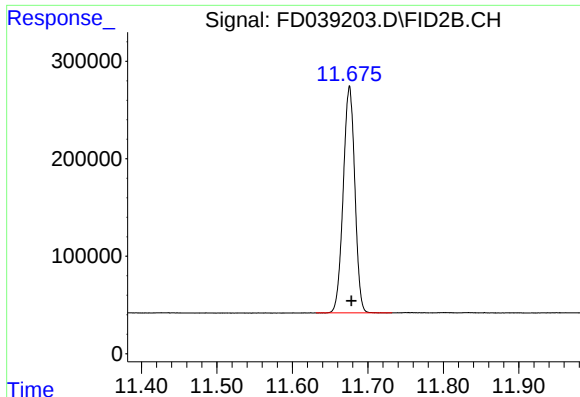
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.004 min
Response: 2425264
Conc: 18.60 ug/ml



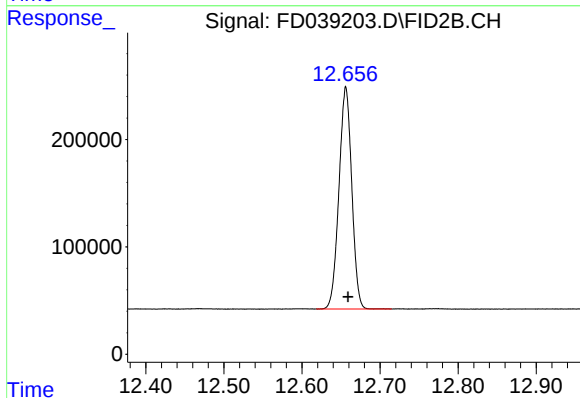
#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: -0.003 min
Response: 2429876
Conc: 18.17 ug/ml



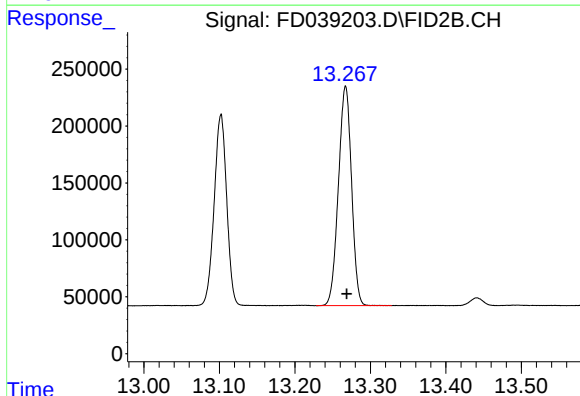
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.003 min
Response: 2485497
Conc: 17.51 ug/ml



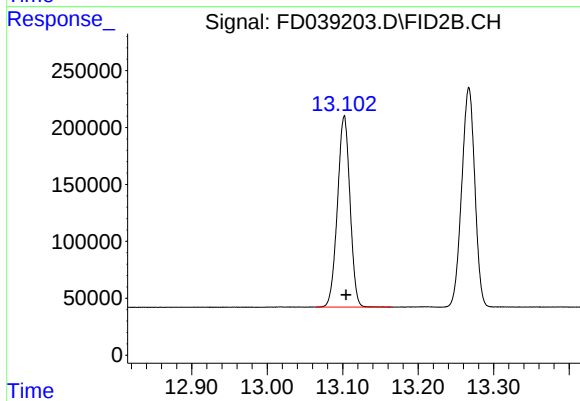
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.003 min
Response: 2355499
Conc: 17.76 ug/ml



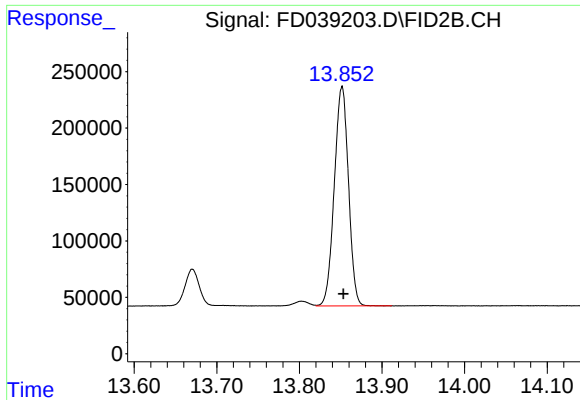
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 2330383
Conc: 17.40 ug/ml



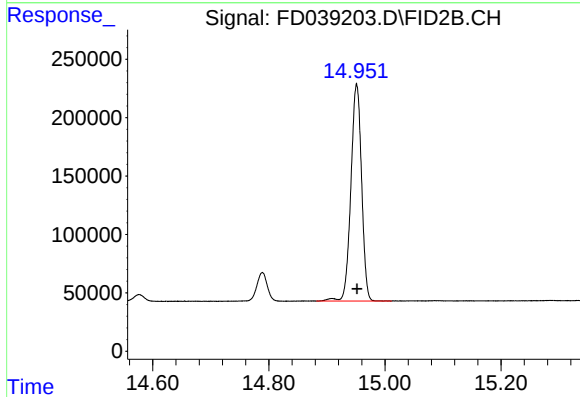
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.003 min
Response: 1940220
Conc: 17.25 ug/ml



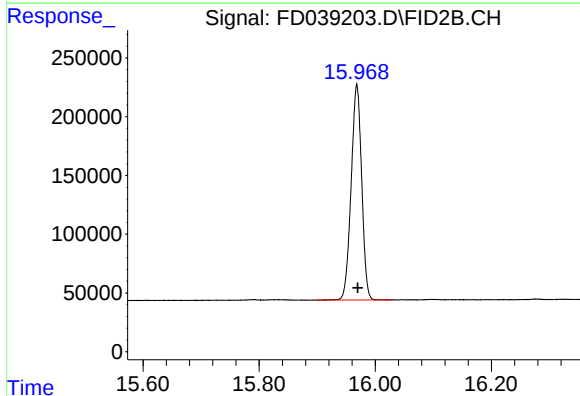
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.002 min
Response: 2318319
Conc: 17.48 ug/ml



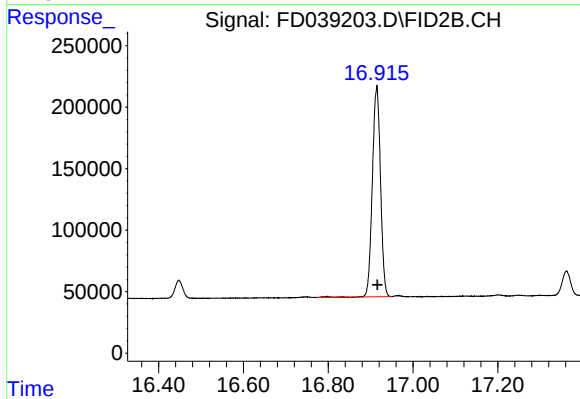
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.001 min
Response: 2375689
Conc: 17.93 ug/ml



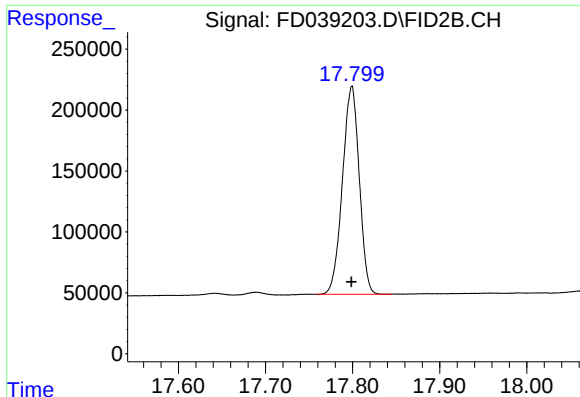
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.002 min
Response: 2303907
Conc: 17.90 ug/ml



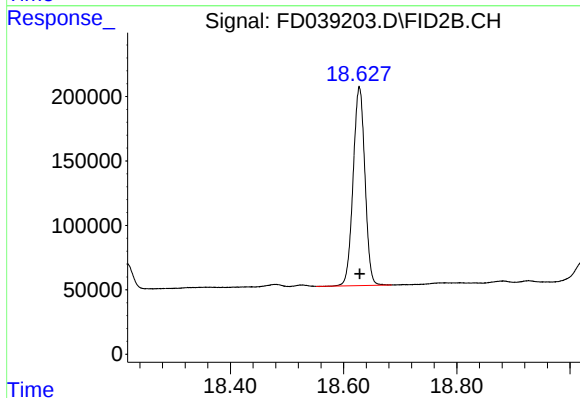
#16 n-Octacosane (C28)

R.T.: 16.914 min
Delta R.T.: -0.002 min
Response: 2279402
Conc: 18.08 ug/ml



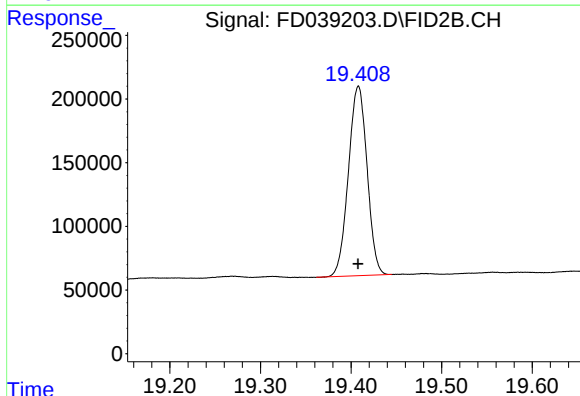
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: 0.000 min
Response: 2291719
Conc: 18.79 ug/ml



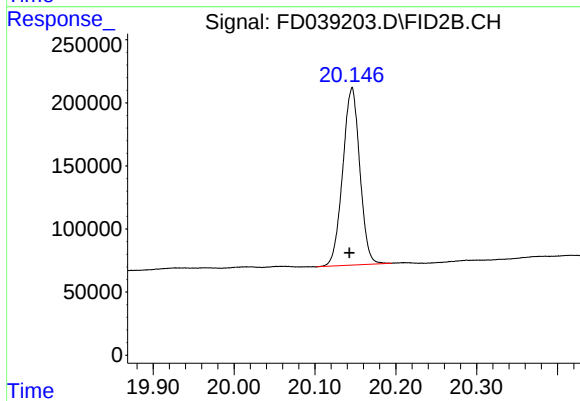
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: 0.000 min
Response: 2225206
Conc: 19.19 ug/ml



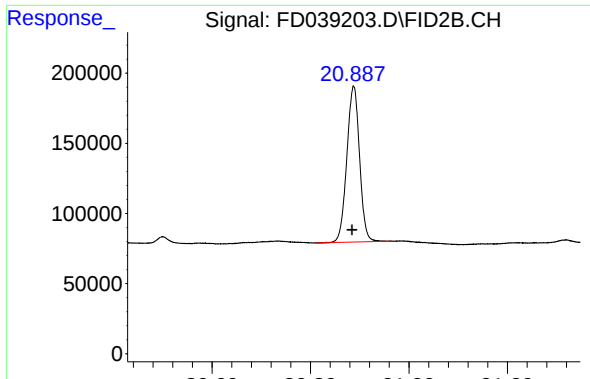
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: 0.000 min
Response: 2132327
Conc: 19.75 ug/ml



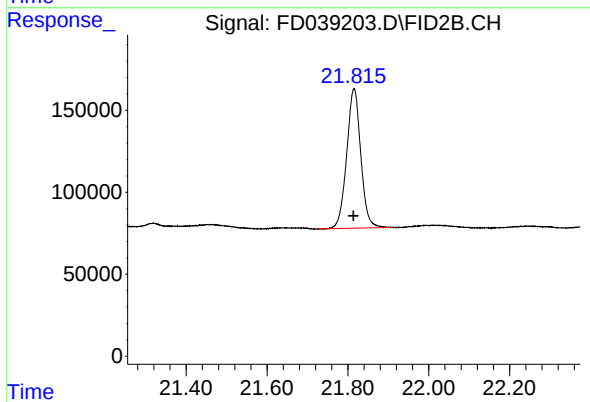
#20 n-Hexatriacontane (C36)

R.T.: 20.146 min
Delta R.T.: 0.003 min
Response: 2061183
Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: 0.003 min
Response: 1995049
Conc: 22.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.815 min
Delta R.T.: 0.001 min
Response: 2058019
Conc: 23.36 ug/ml