

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082120AL\
 Data File : FC049146.D
 Signal(s) : FID1A.CH
 Acq On : 21 Aug 2020 11:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 22 01:22:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.679	2405782	20.248 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
12) S 1-chlorooctadecane (S...	13.112	1945484	19.999 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.409	2162643	20.735 ug/ml
2) T n-Decane (C10)	4.484	2214013	21.108 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2517975	21.291 ug/ml
4) T n-Dodecane (C12)	6.511	2265741	21.362 ug/ml
5) T A~2-methylnaphthalene...	7.143	2575239	21.359 ug/ml
6) T n-Tetradecane (C14)	8.309	2266530	21.523 ug/ml
7) T n-Hexadecane (C16)	9.913	2236196	21.305 ug/ml
8) T n-Octadecane (C18)	11.355	2311229	21.038 ug/ml
10) T n-Eicosane (C20)	12.665	2284576	20.530 ug/ml
11) T n-Heneicosane (C21)	13.277	2251227	20.153 ug/ml
13) T n-Docosane (C22)	13.864	2228174	19.823 ug/ml
14) T n-Tetracosane (C24)	14.965	2150422	18.915 ug/ml
15) T n-Hexacosane (C26)	15.986	2049395	17.911 ug/ml
16) T n-Octacosane (C28)	16.934	1994770	17.146 ug/ml
17) T n-Tricontane (C30)	17.821	1932346	16.716 ug/ml
18) T n-Dotriacontane (C32)	18.652	1786814	16.525 ug/ml
19) T n-Tetratriacontane (C34)	19.433	1705857	16.447 ug/mlm
20) T n-Hexatriacontane (C36)	20.172	1649173	16.586 ug/mlm
21) T n-Octatriacontane (C38)	20.927	1605510	16.979 ug/ml
22) T n-Tetracontane (C40)	21.879	1657383	17.361 ug/ml

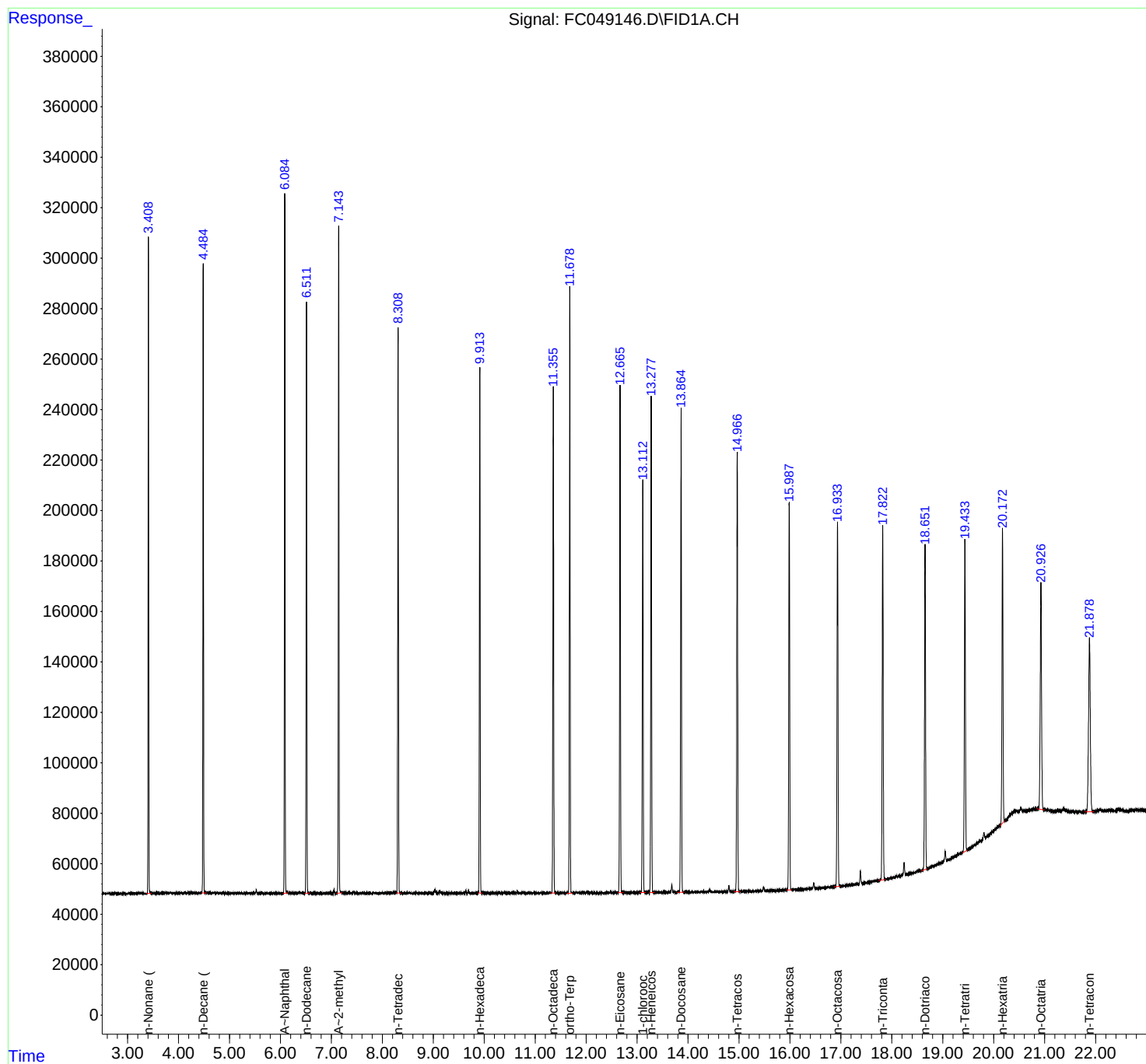
(f)=RT Delta > 1/2 Window

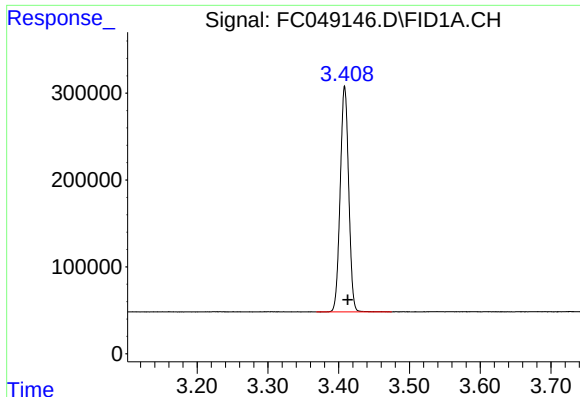
(m)=manual int.

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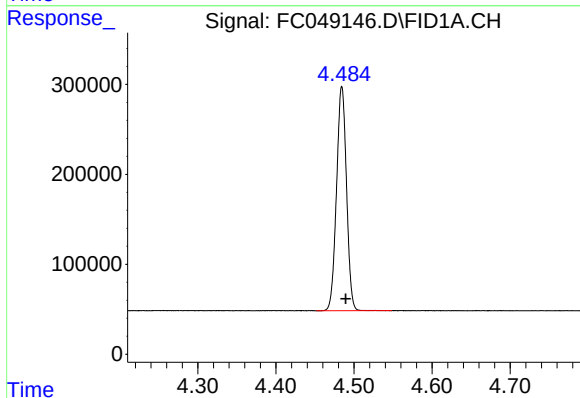
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Signal Info : 20M x 0.18mm x 0.18um





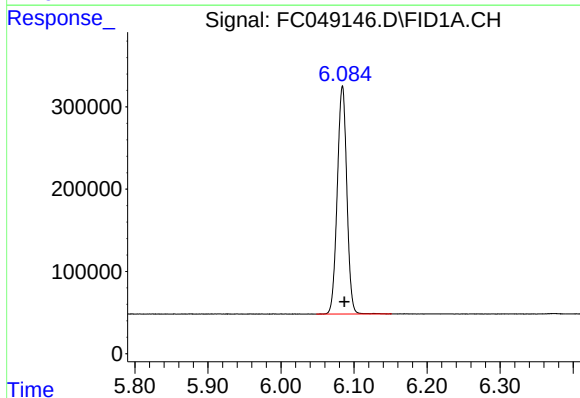
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2162643
Conc: 20.74 ug/ml



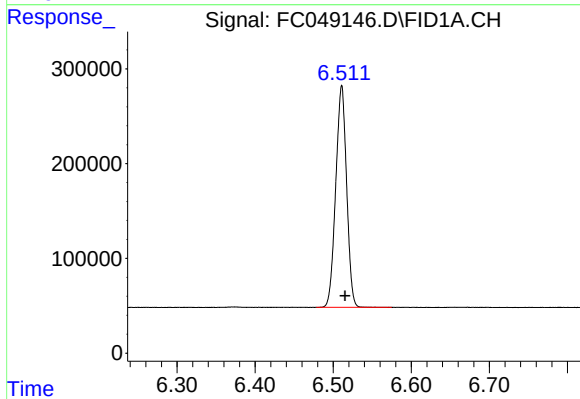
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2214013
Conc: 21.11 ug/ml



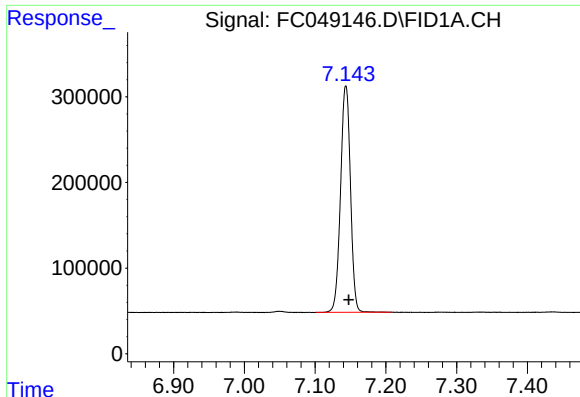
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 2517975
Conc: 21.29 ug/ml



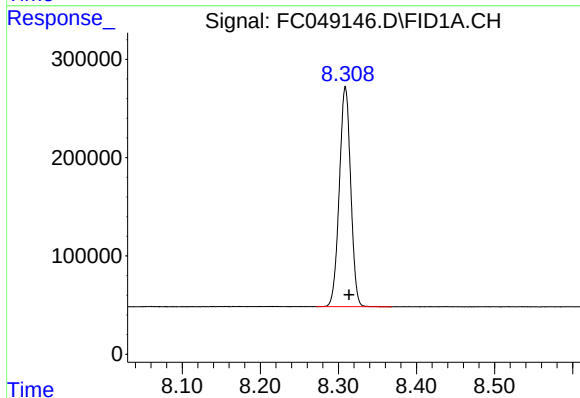
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.004 min
Response: 2265741
Conc: 21.36 ug/ml



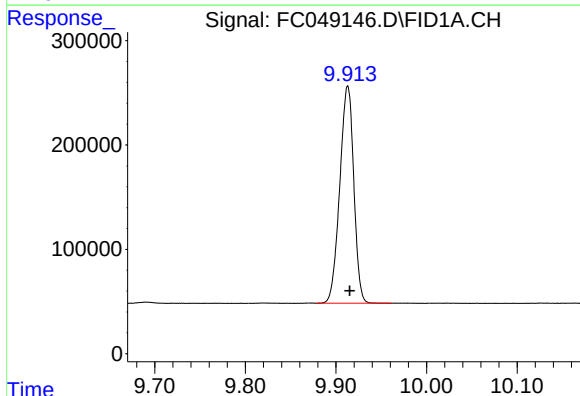
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 2575239
Conc: 21.36 ug/ml



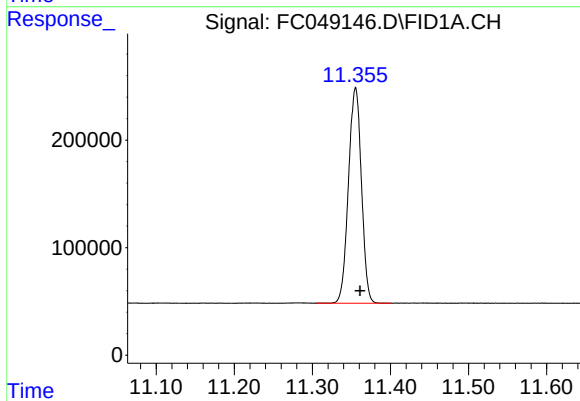
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.005 min
Response: 2266530
Conc: 21.52 ug/ml



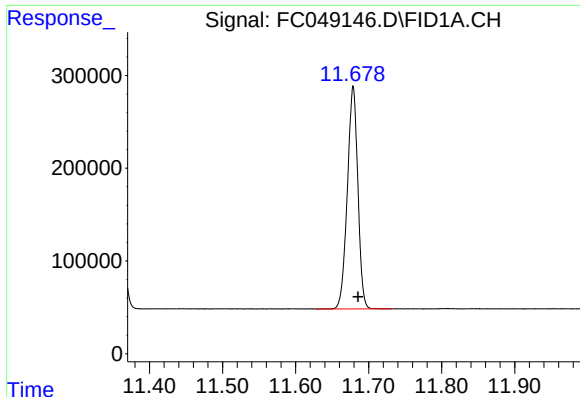
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.002 min
Response: 2236196
Conc: 21.30 ug/ml



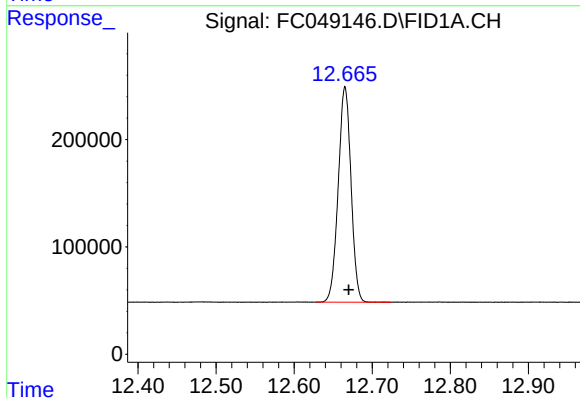
#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.006 min
Response: 2311229
Conc: 21.04 ug/ml



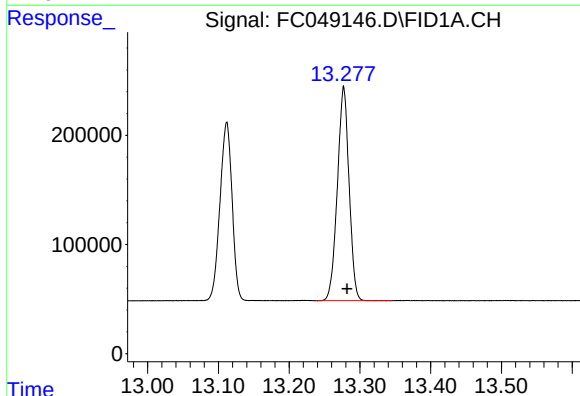
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.007 min
Response: 2405782
Conc: 20.25 ug/ml



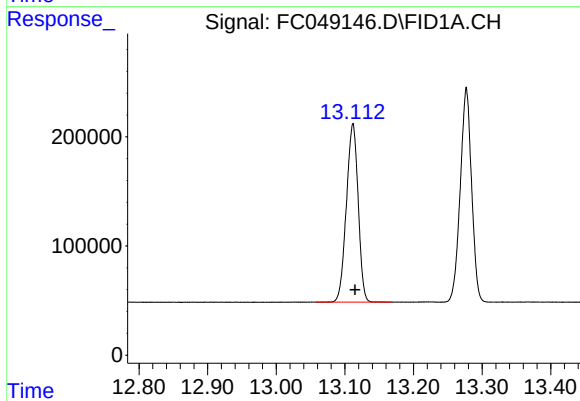
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.005 min
Response: 2284576
Conc: 20.53 ug/ml



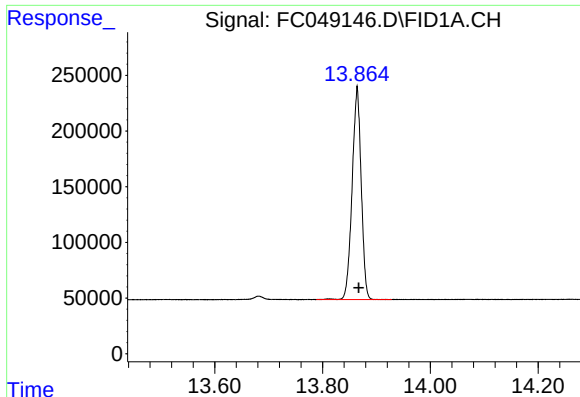
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: -0.005 min
Response: 2251227
Conc: 20.15 ug/ml



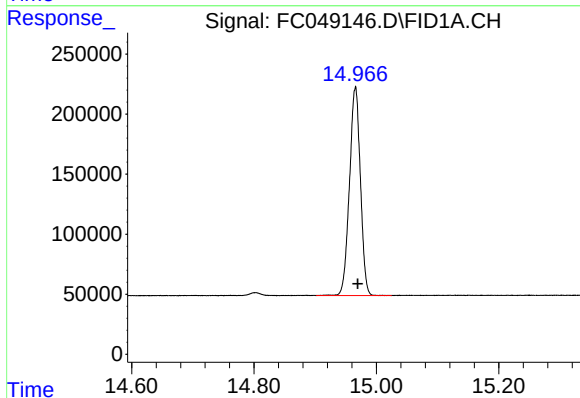
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.003 min
Response: 1945484
Conc: 20.00 ug/ml



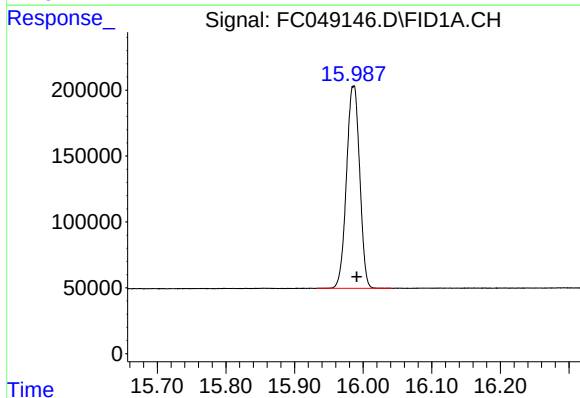
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: -0.003 min
Response: 2228174
Conc: 19.82 ug/ml



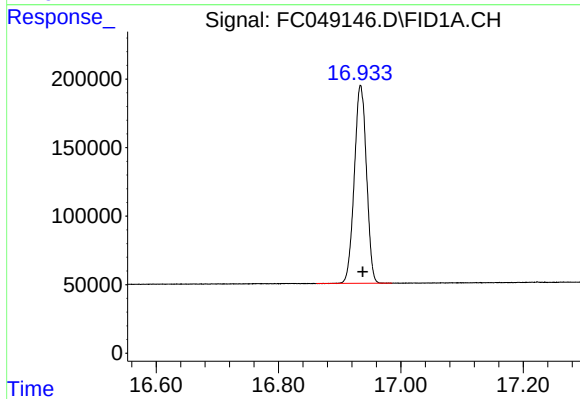
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.004 min
Response: 2150422
Conc: 18.92 ug/ml



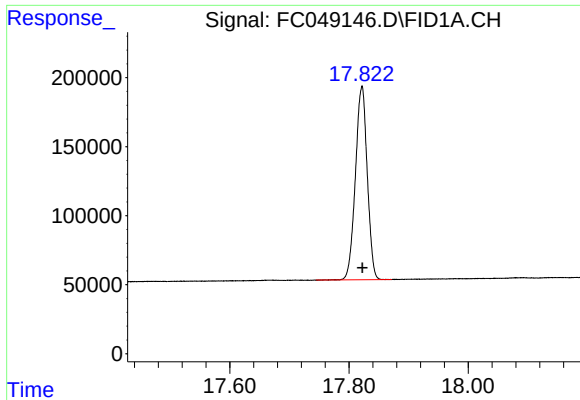
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: -0.004 min
Response: 2049395
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.934 min
Delta R.T.: -0.003 min
Response: 1994770
Conc: 17.15 ug/ml



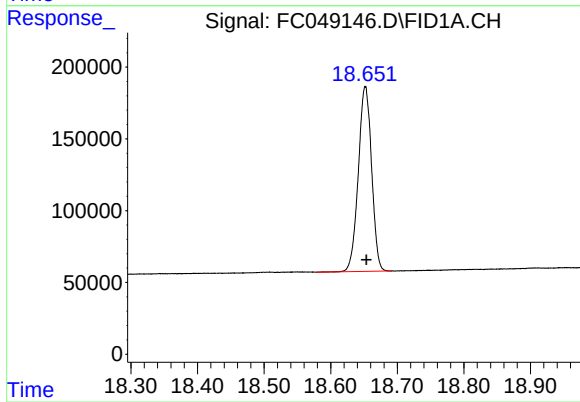
#17 n-Tricontane (C30)

R.T.: 17.821 min

Delta R.T.: -0.001 min

Response: 1932346

Conc: 16.72 ug/ml



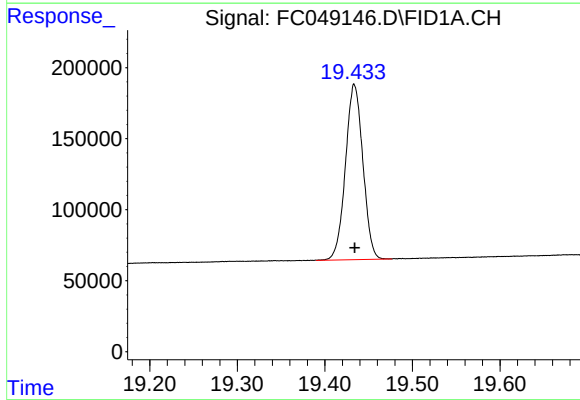
#18 n-Dotriacontane (C32)

R.T.: 18.652 min

Delta R.T.: -0.002 min

Response: 1786814

Conc: 16.53 ug/ml



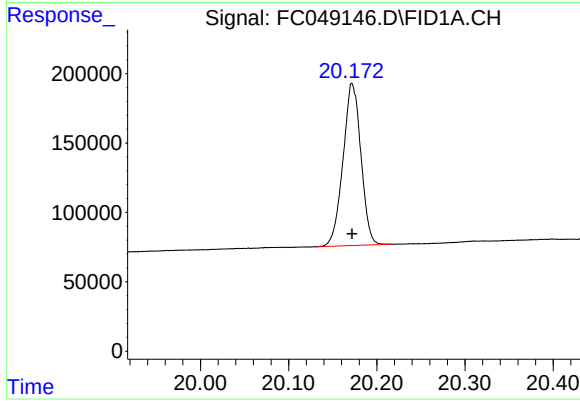
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min

Delta R.T.: -0.001 min

Response: 1705857

Conc: 16.45 ug/ml m



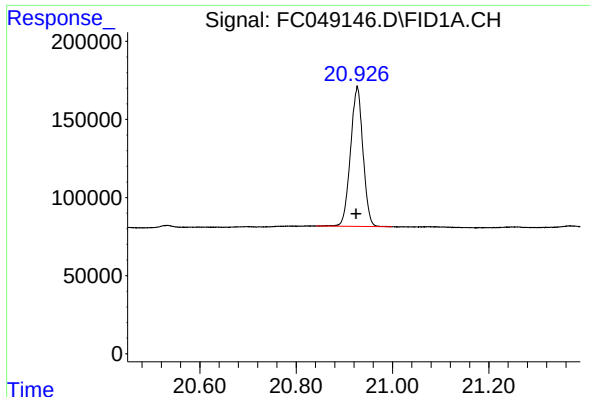
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min

Delta R.T.: 0.000 min

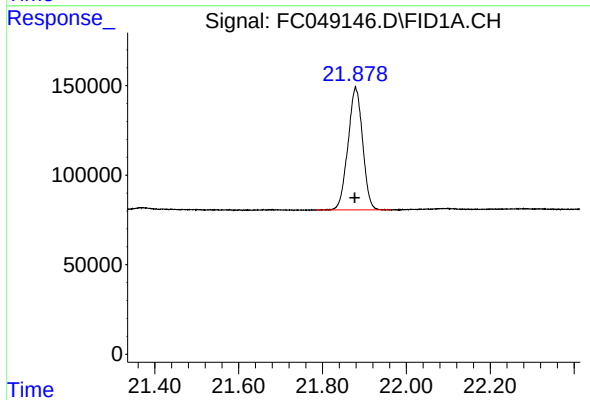
Response: 1649173

Conc: 16.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: 0.003 min
Response: 1605510
Conc: 16.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: 0.002 min
Response: 1657383
Conc: 17.36 ug/ml