

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011321AL\
 Data File : FC051730.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jan 2021 15:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 13 23:19:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 00:58:51 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)	11.681	2425094	19.466 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
12) S 1-chlorooctadecane (S...	13.115	1890259	19.082 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T n-Nonane (C9)	3.411	2286612	20.482 ug/ml
2) T n-Decane (C10)	4.484	2311241	20.610 ug/ml
3) T A~Naphthalene (C11.7)	6.079	2611024	20.783 ug/ml
4) T n-Dodecane (C12)	6.509	2342811	20.772 ug/ml
5) T A~2-methylnaphthalene...	7.139	2650463	20.742 ug/ml
6) T n-Tetradecane (C14)	8.309	2329122	20.810 ug/ml
7) T n-Hexadecane (C16)	9.913	2262412	20.481 ug/ml
8) T n-Octadecane (C18)	11.358	2305488	20.087 ug/ml
10) T n-Eicosane (C20)	12.669	2254876	19.459 ug/ml
11) T n-Heneicosane (C21)	13.282	2217421	19.147 ug/ml
13) T n-Docosane (C22)	13.869	2177480	18.885 ug/ml
14) T n-Tetracosane (C24)	14.974	2095551	18.230 ug/ml
15) T n-Hexacosane (C26)	15.996	1994606	17.720 ug/ml
16) T n-Octacosane (C28)	16.946	1929006	17.442 ug/ml
17) T n-Tricontane (C30)	17.835	1862817	17.623 ug/ml
18) T n-Dotriacontane (C32)	18.667	1731835	18.237 ug/ml
19) T n-Tetratriacontane (C34)	19.453	1632030	19.042 ug/ml
20) T n-Hexatriacontane (C36)	20.192	1571150	20.313 ug/mlm
21) T n-Octatriacontane (C38)	20.948	1496430	20.502 ug/ml
22) T n-Tetracontane (C40)	21.897	1751766	23.513 ug/ml

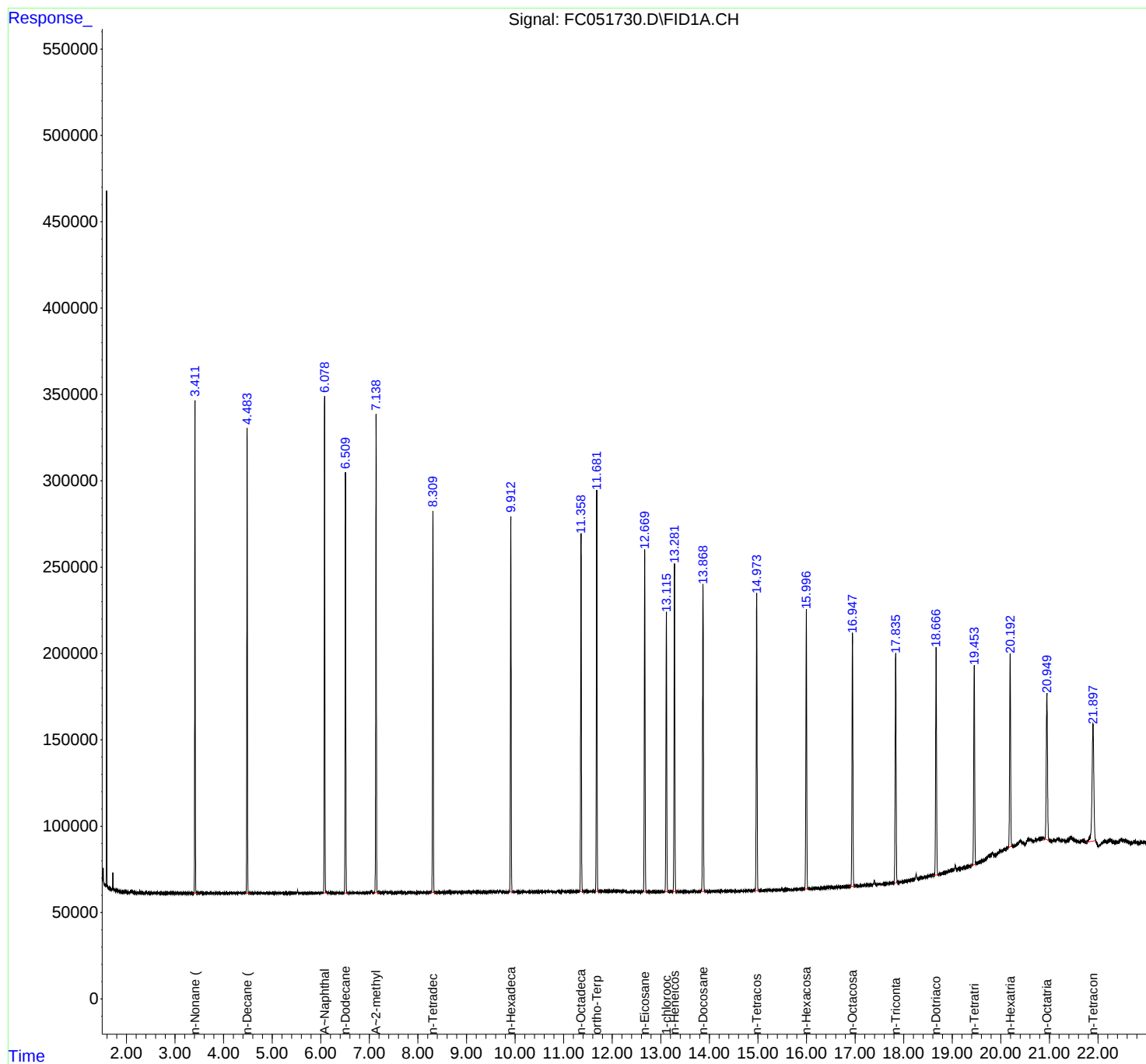
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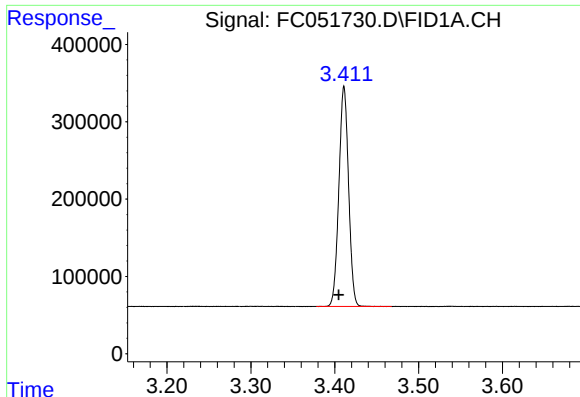
(m)=manual int.

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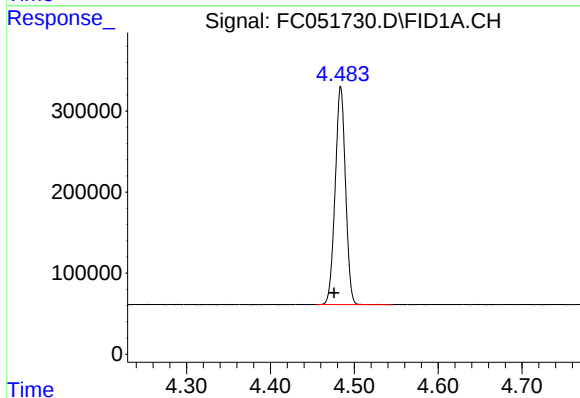
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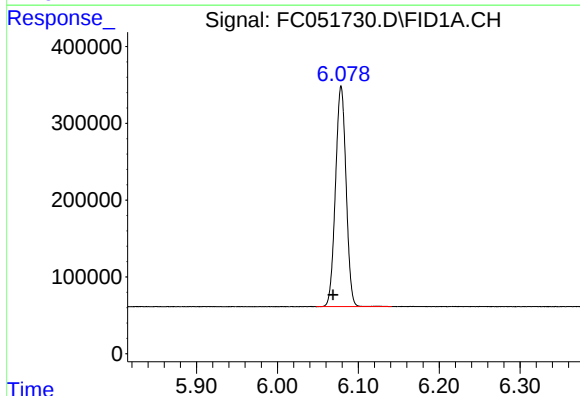
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: 0.006 min
Response: 2286612
Conc: 20.48 ug/ml



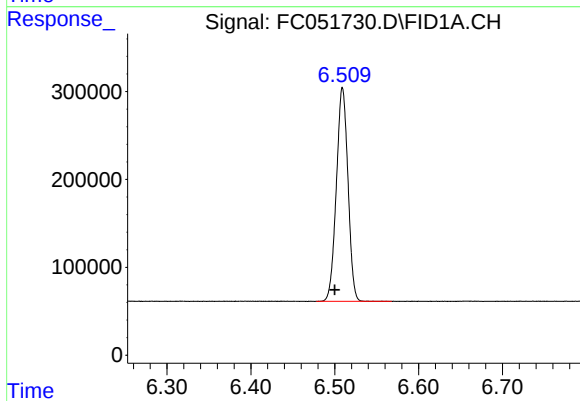
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: 0.008 min
Response: 2311241
Conc: 20.61 ug/ml



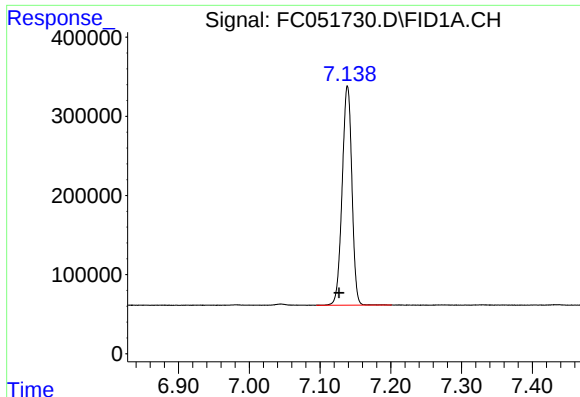
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: 0.010 min
Response: 2611024
Conc: 20.78 ug/ml



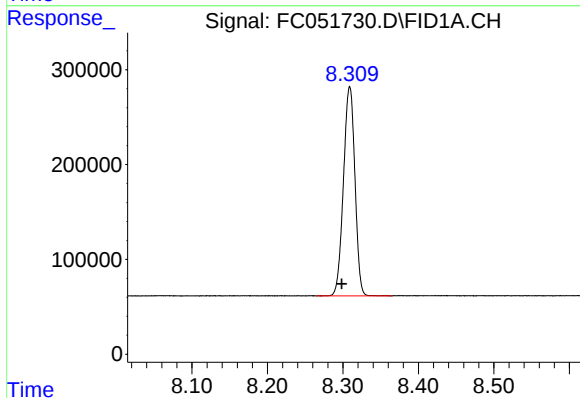
#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: 0.009 min
Response: 2342811
Conc: 20.77 ug/ml



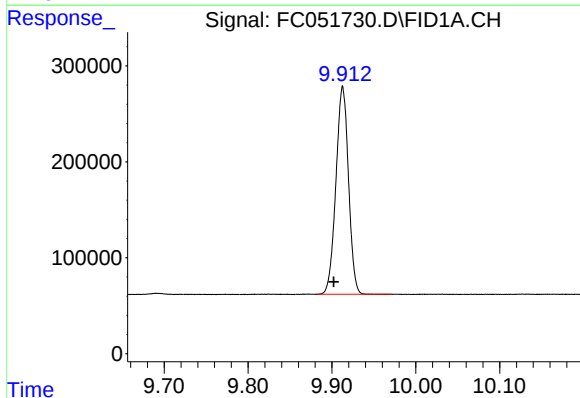
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: 0.012 min
Response: 2650463
Conc: 20.74 ug/ml



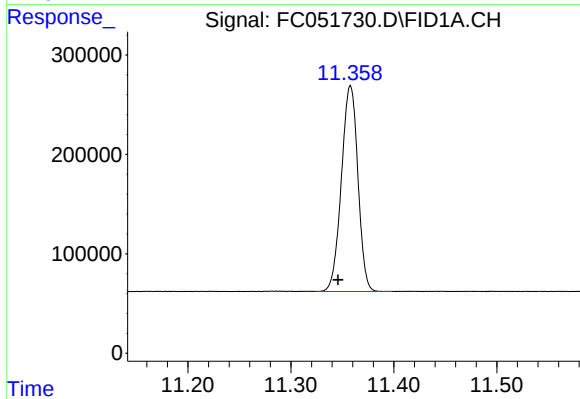
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.010 min
Response: 2329122
Conc: 20.81 ug/ml



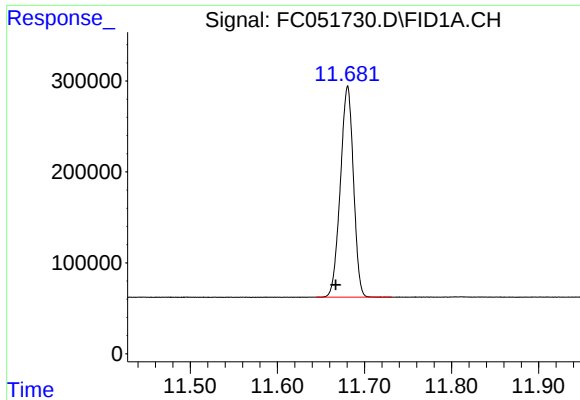
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: 0.011 min
Response: 2262412
Conc: 20.48 ug/ml



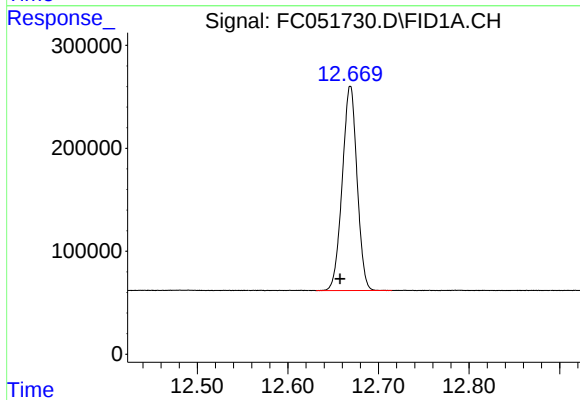
#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.012 min
Response: 2305488
Conc: 20.09 ug/ml



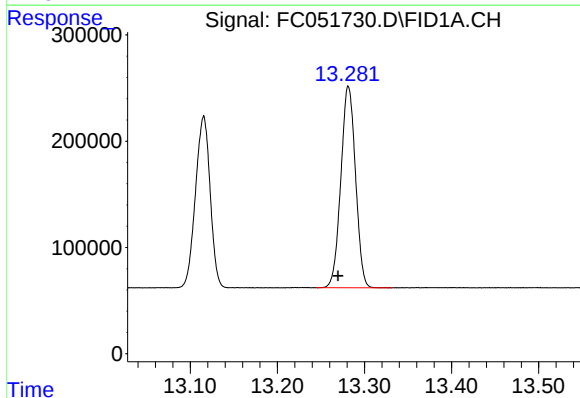
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.014 min
Response: 2425094
Conc: 19.47 ug/ml



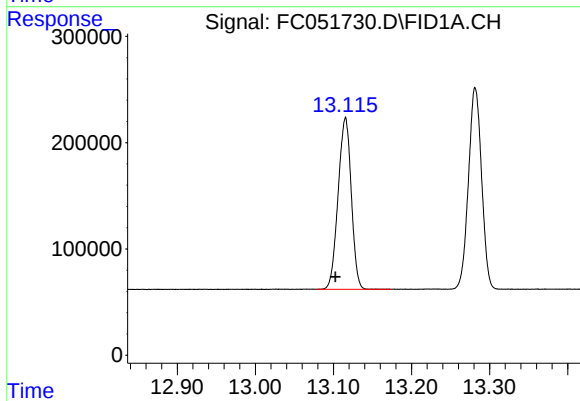
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.011 min
Response: 2254876
Conc: 19.46 ug/ml



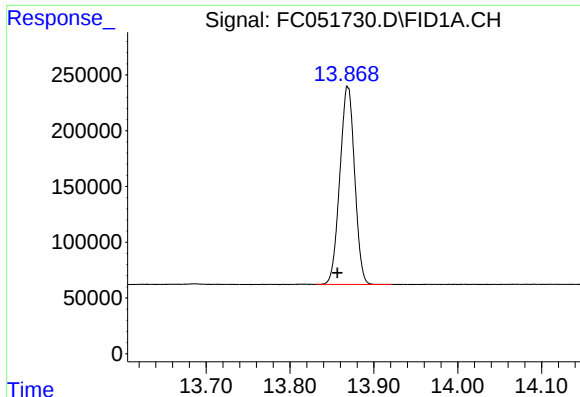
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.012 min
Response: 2217421
Conc: 19.15 ug/ml



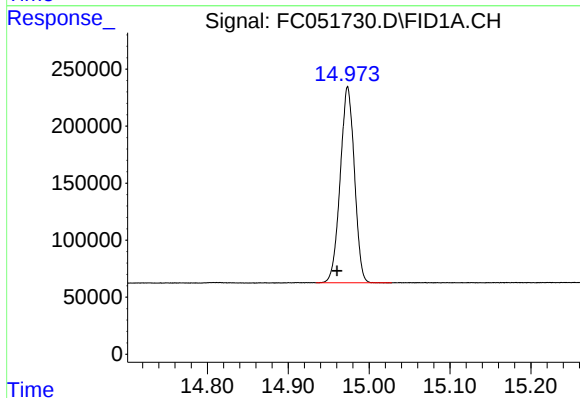
#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.013 min
Response: 1890259
Conc: 19.08 ug/ml



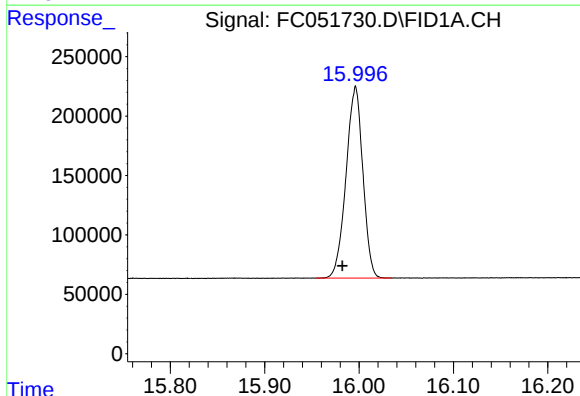
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: 0.012 min
Response: 2177480
Conc: 18.88 ug/ml



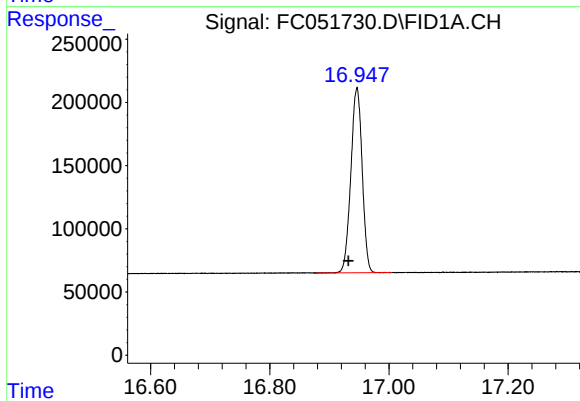
#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: 0.013 min
Response: 2095551
Conc: 18.23 ug/ml



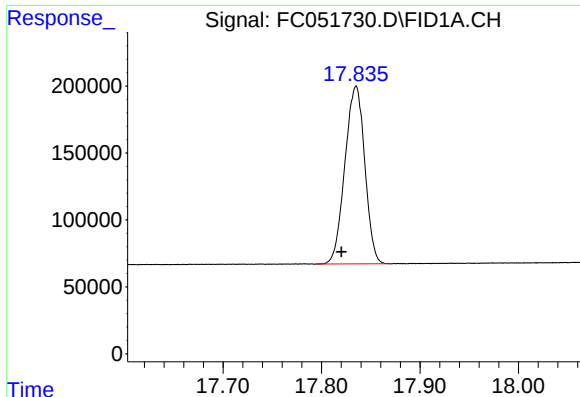
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.014 min
Response: 1994606
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: 0.014 min
Response: 1929006
Conc: 17.44 ug/ml



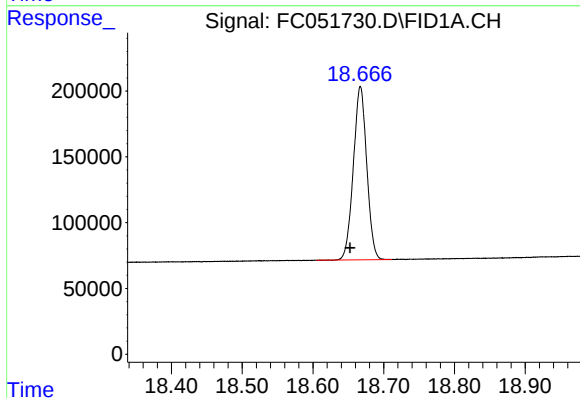
#17 n-Tricontane (C30)

R.T.: 17.835 min

Delta R.T.: 0.015 min

Response: 1862817

Conc: 17.62 ug/ml



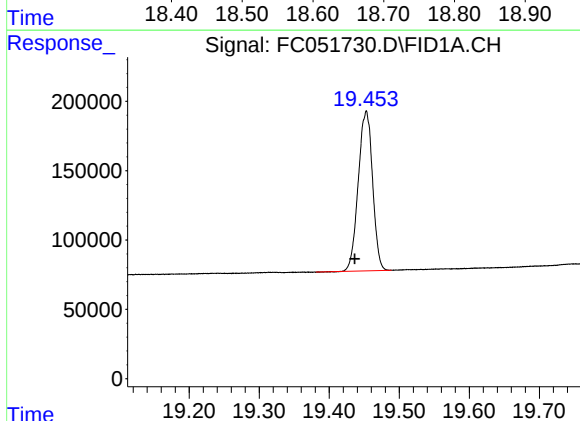
#18 n-Dotriacontane (C32)

R.T.: 18.667 min

Delta R.T.: 0.015 min

Response: 1731835

Conc: 18.24 ug/ml



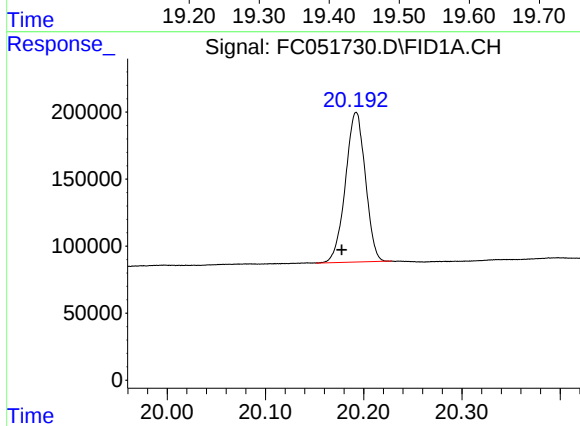
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min

Delta R.T.: 0.016 min

Response: 1632030

Conc: 19.04 ug/ml



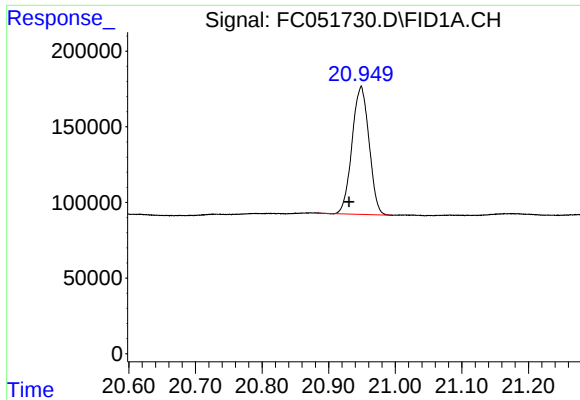
#20 n-Hexatriacontane (C36)

R.T.: 20.192 min

Delta R.T.: 0.014 min

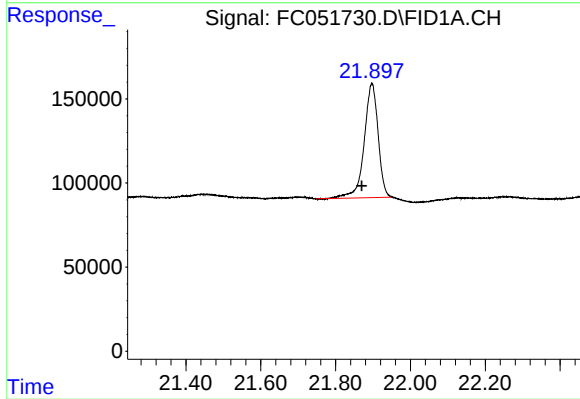
Response: 1571150

Conc: 20.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: 0.018 min
Response: 1496430
Conc: 20.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.897 min
Delta R.T.: 0.027 min
Response: 1751766
Conc: 23.51 ug/ml