

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112320AL\
 Data File : FC050908.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2020 13:29
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 00:29:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.603	2273731	18.511 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
12) S 1-chlorooctadecane (S...	13.037	1739932	18.021 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
Target Compounds			
1) T n-Nonane (C9)	3.354	2183546	20.521 ug/ml
2) T n-Decane (C10)	4.424	2190830	20.600 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2295987	19.937 ug/ml
4) T n-Dodecane (C12)	6.444	2230960	20.576 ug/ml
5) T A~2-methylnaphthalene...	7.075	2313907	20.168 ug/ml
6) T n-Tetradecane (C14)	8.240	2210442	20.494 ug/ml
7) T n-Hexadecane (C16)	9.841	2151317	20.209 ug/ml
8) T n-Octadecane (C18)	11.283	2210320	19.649 ug/ml
10) T n-Eicosane (C20)	12.591	2161026	18.934 ug/ml
11) T n-Heneicosane (C21)	13.204	2121790	18.599 ug/ml
13) T n-Docosane (C22)	13.789	2081116	18.236 ug/ml
14) T n-Tetracosane (C24)	14.891	2006283	17.568 ug/ml
15) T n-Hexacosane (C26)	15.911	1938231	17.095 ug/ml
16) T n-Octacosane (C28)	16.859	1911649	16.847 ug/ml
17) T n-Tricontane (C30)	17.745	1883105	16.937 ug/ml
18) T n-Dotriacontane (C32)	18.577	1776670	17.222 ug/ml
19) T n-Tetratriacontane (C34)	19.360	1649936	17.147 ug/ml
20) T n-Hexatriacontane (C36)	20.098	1533289	17.066 ug/ml
21) T n-Octatriacontane (C38)	20.838	1378236	16.576 ug/ml
22) T n-Tetracontane (C40)	21.761	1391257	16.626 ug/ml

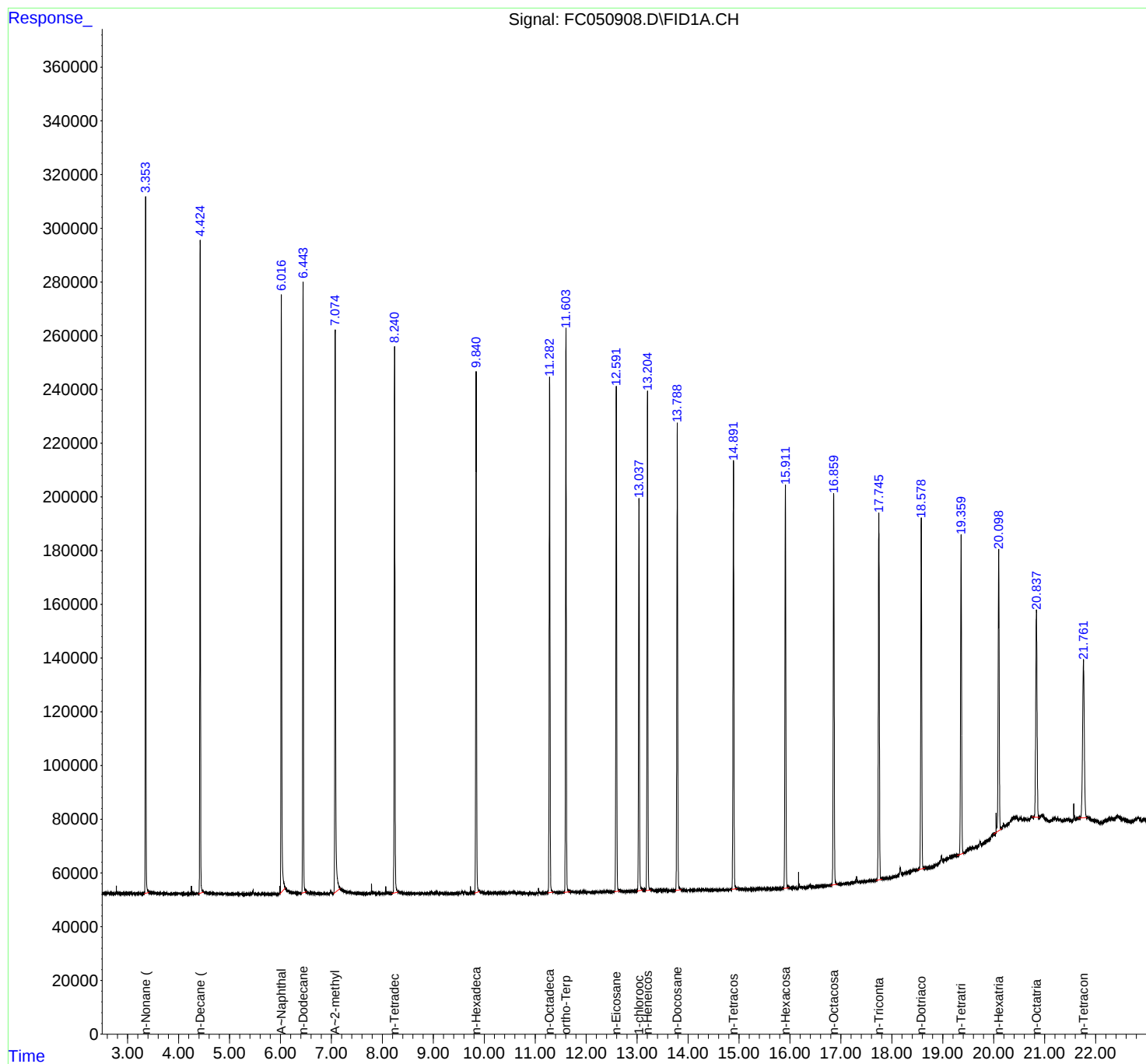
(f)=RT Delta > 1/2 Window

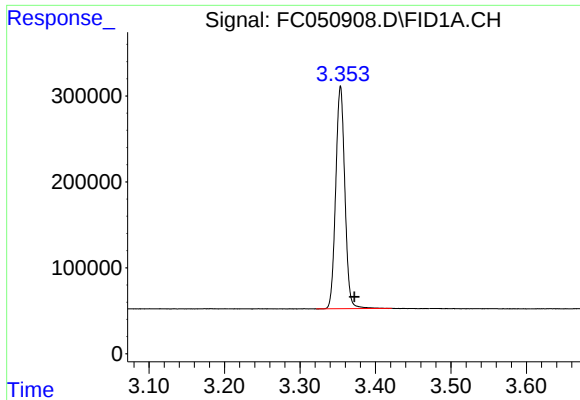
(m)=manual int.

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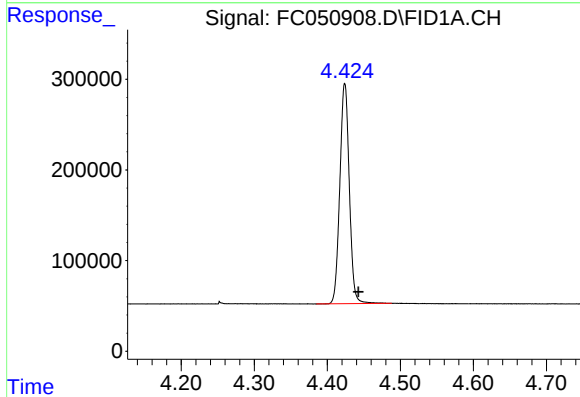
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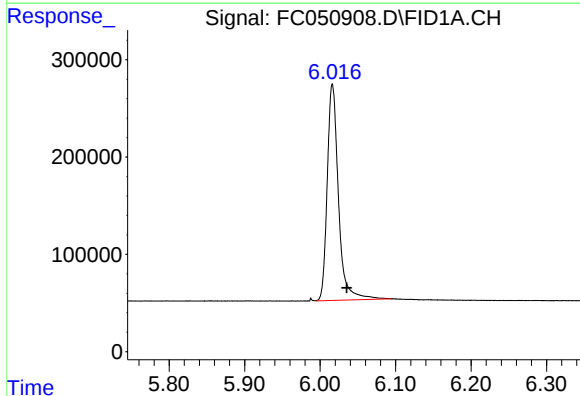
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.018 min
Response: 2183546
Conc: 20.52 ug/ml



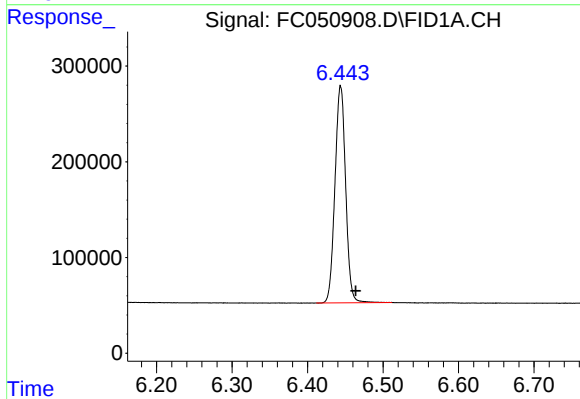
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.019 min
Response: 2190830
Conc: 20.60 ug/ml



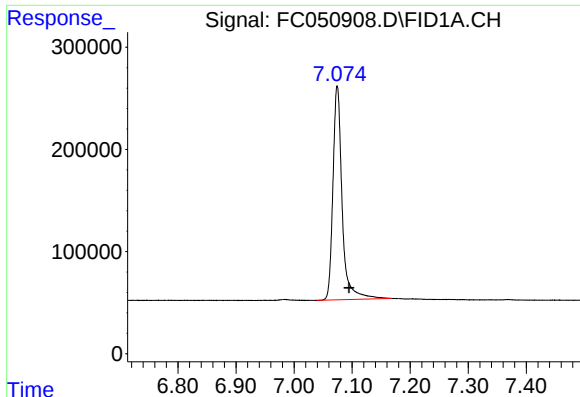
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.019 min
Response: 2295987
Conc: 19.94 ug/ml



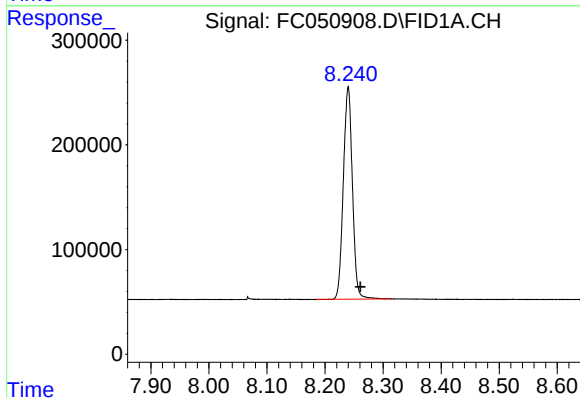
#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.020 min
Response: 2230960
Conc: 20.58 ug/ml



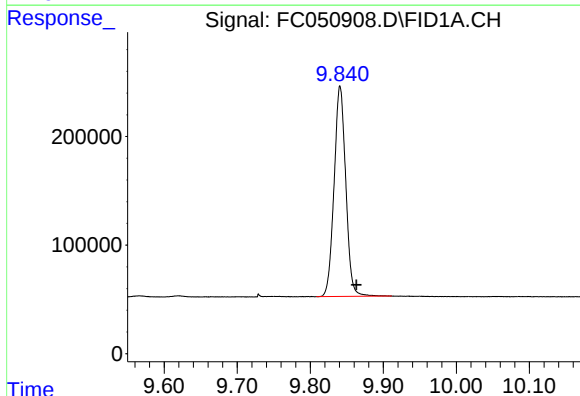
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: -0.020 min
Response: 2313907
Conc: 20.17 ug/ml



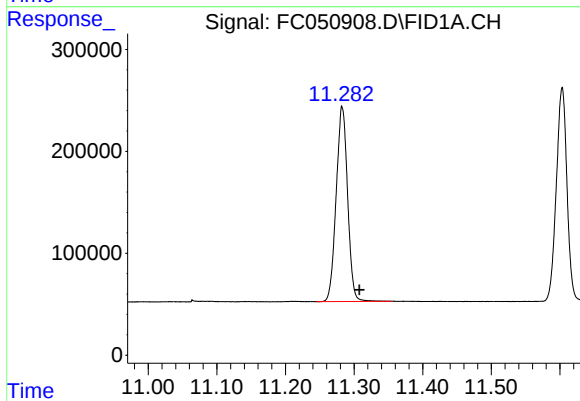
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: -0.021 min
Response: 2210442
Conc: 20.49 ug/ml



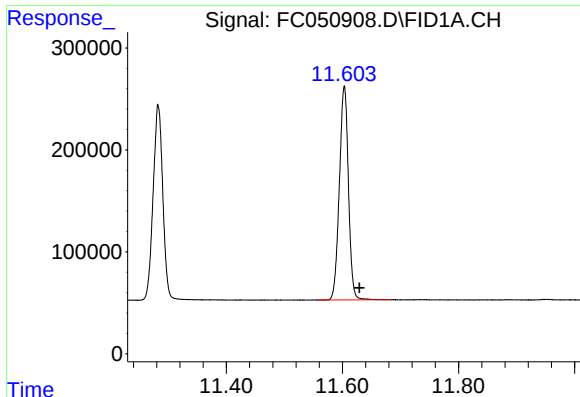
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.022 min
Response: 2151317
Conc: 20.21 ug/ml



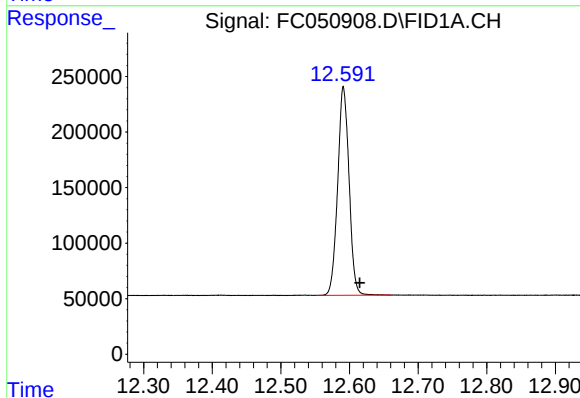
#8 n-Octadecane (C18)

R.T.: 11.283 min
Delta R.T.: -0.025 min
Response: 2210320
Conc: 19.65 ug/ml



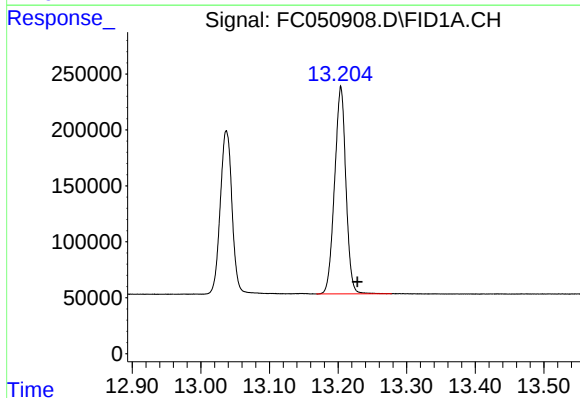
#9 ortho-Terphenyl (SURR)

R.T.: 11.603 min
Delta R.T.: -0.026 min
Response: 2273731
Conc: 18.51 ug/ml



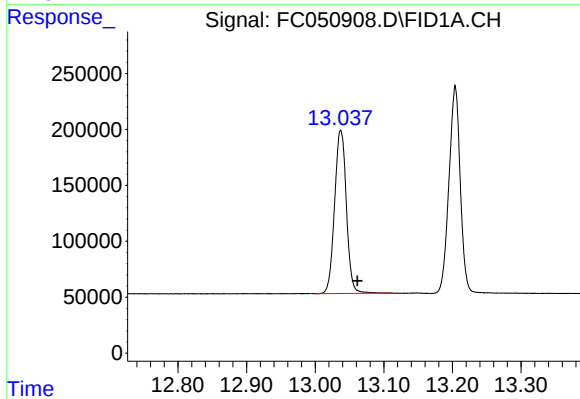
#10 n-Eicosane (C20)

R.T.: 12.591 min
Delta R.T.: -0.024 min
Response: 2161026
Conc: 18.93 ug/ml



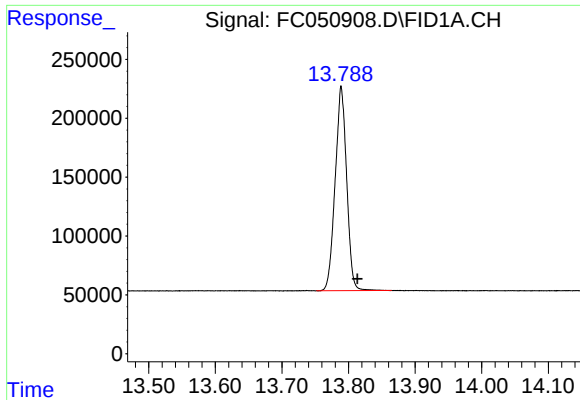
#11 n-Heneicosane (C21)

R.T.: 13.204 min
Delta R.T.: -0.024 min
Response: 2121790
Conc: 18.60 ug/ml



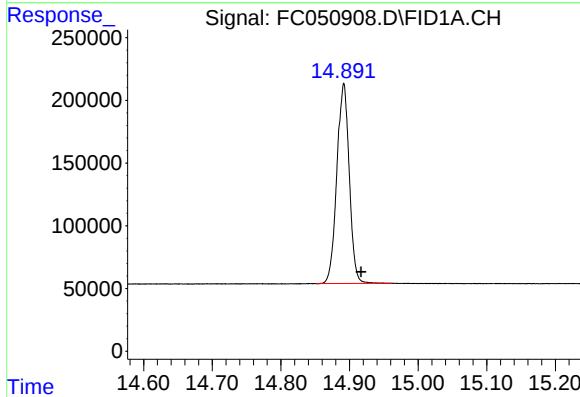
#12 1-chlorooctadecane (SURR)

R.T.: 13.037 min
Delta R.T.: -0.024 min
Response: 1739932
Conc: 18.02 ug/ml



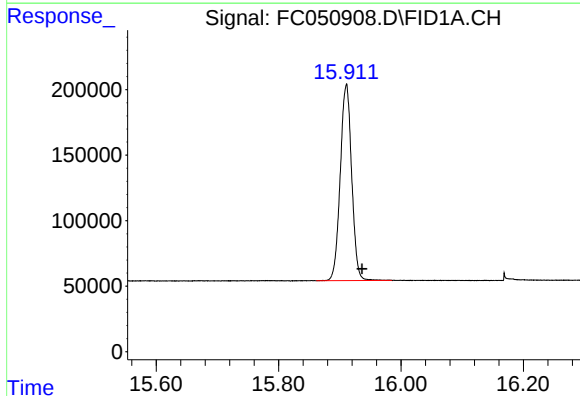
#13 n-Docosane (C22)

R.T.: 13.789 min
Delta R.T.: -0.024 min
Response: 2081116
Conc: 18.24 ug/ml



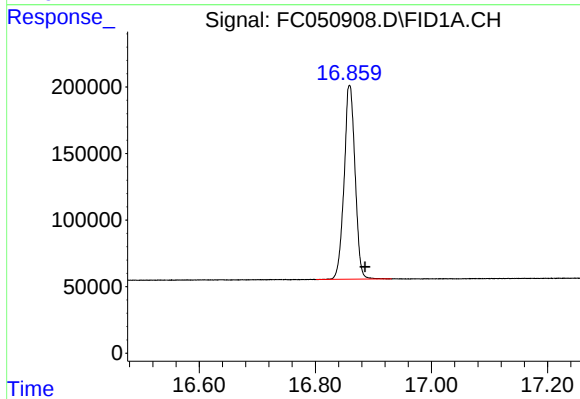
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.025 min
Response: 2006283
Conc: 17.57 ug/ml



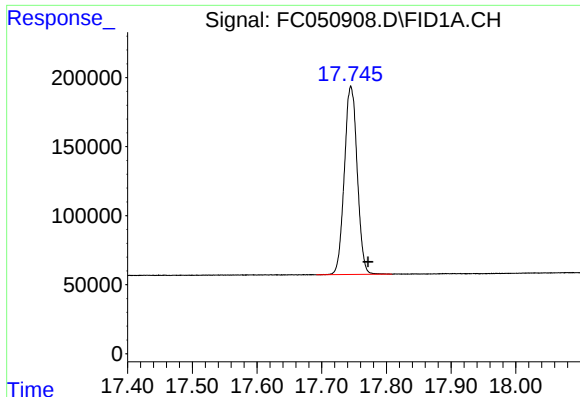
#15 n-Hexacosane (C26)

R.T.: 15.911 min
Delta R.T.: -0.026 min
Response: 1938231
Conc: 17.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.026 min
Response: 1911649
Conc: 16.85 ug/ml



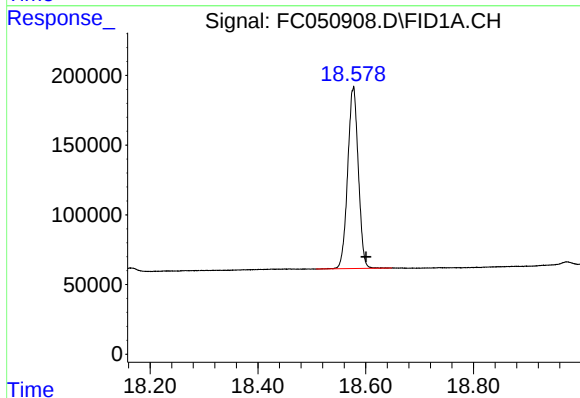
#17 n-Tricontane (C30)

R.T.: 17.745 min

Delta R.T.: -0.026 min

Response: 1883105

Conc: 16.94 ug/ml



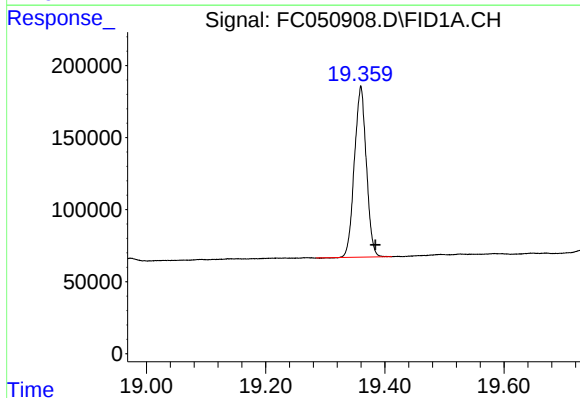
#18 n-Dotriacontane (C32)

R.T.: 18.577 min

Delta R.T.: -0.024 min

Response: 1776670

Conc: 17.22 ug/ml



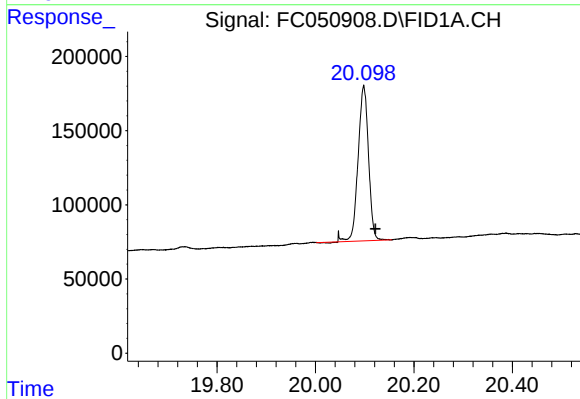
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min

Delta R.T.: -0.025 min

Response: 1649936

Conc: 17.15 ug/ml



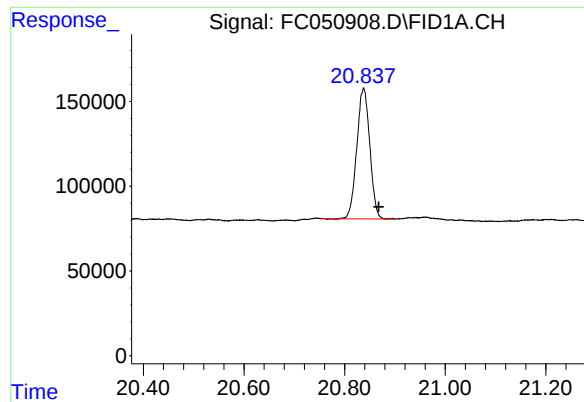
#20 n-Hexatriacontane (C36)

R.T.: 20.098 min

Delta R.T.: -0.024 min

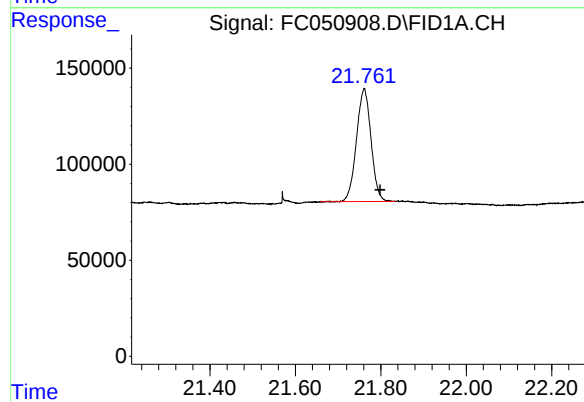
Response: 1533289

Conc: 17.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.838 min
Delta R.T.: -0.030 min
Response: 1378236
Conc: 16.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.761 min
Delta R.T.: -0.038 min
Response: 1391257
Conc: 16.63 ug/ml