

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062818AL\
 Data File : FC035091.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jun 2018 2:24
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 30 08:46:11 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 062518.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 25 14:27:40 2018
 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)	11.453	2318851	22.522 ug/ml
Spiked Amount 50.000		Recovery =	45.04%
12) S 1-chlorooctadecane (S...	12.893	1749367	21.855 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
Target Compounds			
1) T n-Nonane (C9)	3.242	1635045	19.498 ug/ml
2) T n-Decane (C10)	4.311	1717100	20.487 ug/ml
3) T A~Naphthalene (C11.7)	5.888	2177712	22.950 ug/ml
4) T n-Dodecane (C12)	6.326	1884488	21.834 ug/ml
5) T A~2-methylnaphthalene...	6.940	2249087	23.356 ug/ml
6) T n-Tetradecane (C14)	8.114	1984047	22.249 ug/ml
7) T n-Hexadecane (C16)	9.709	2038000	22.214 ug/ml
8) T n-Octadecane (C18)	11.147	2025936	21.467 ug/ml
10) T n-Eicosane (C20)	12.451	2082976	21.601 ug/ml
11) T n-Heneicosane (C21)	13.062	2056566	21.648 ug/ml
13) T n-Docosane (C22)	13.647	2083739	21.833 ug/ml
14) T n-Tetracosane (C24)	14.748	2091962	21.916 ug/ml
15) T n-Hexacosane (C26)	15.766	2094164	22.152 ug/ml
16) T n-Octacosane (C28)	16.714	2144277	22.807 ug/ml
17) T n-Tricontane (C30)	17.599	2144183	23.336 ug/ml
18) T n-Dotriacontane (C32)	18.431	2132325	24.015 ug/ml
19) T n-Tetratriacontane (C34)	19.214	2033453	22.474 ug/ml
20) T n-Hexatriacontane (C36)	19.952	1980091	22.084 ug/ml
21) T n-Octatriacontane (C38)	20.670	1948393	21.126 ug/ml
22) T n-Tetracontane (C40)	21.538	2008378	21.370 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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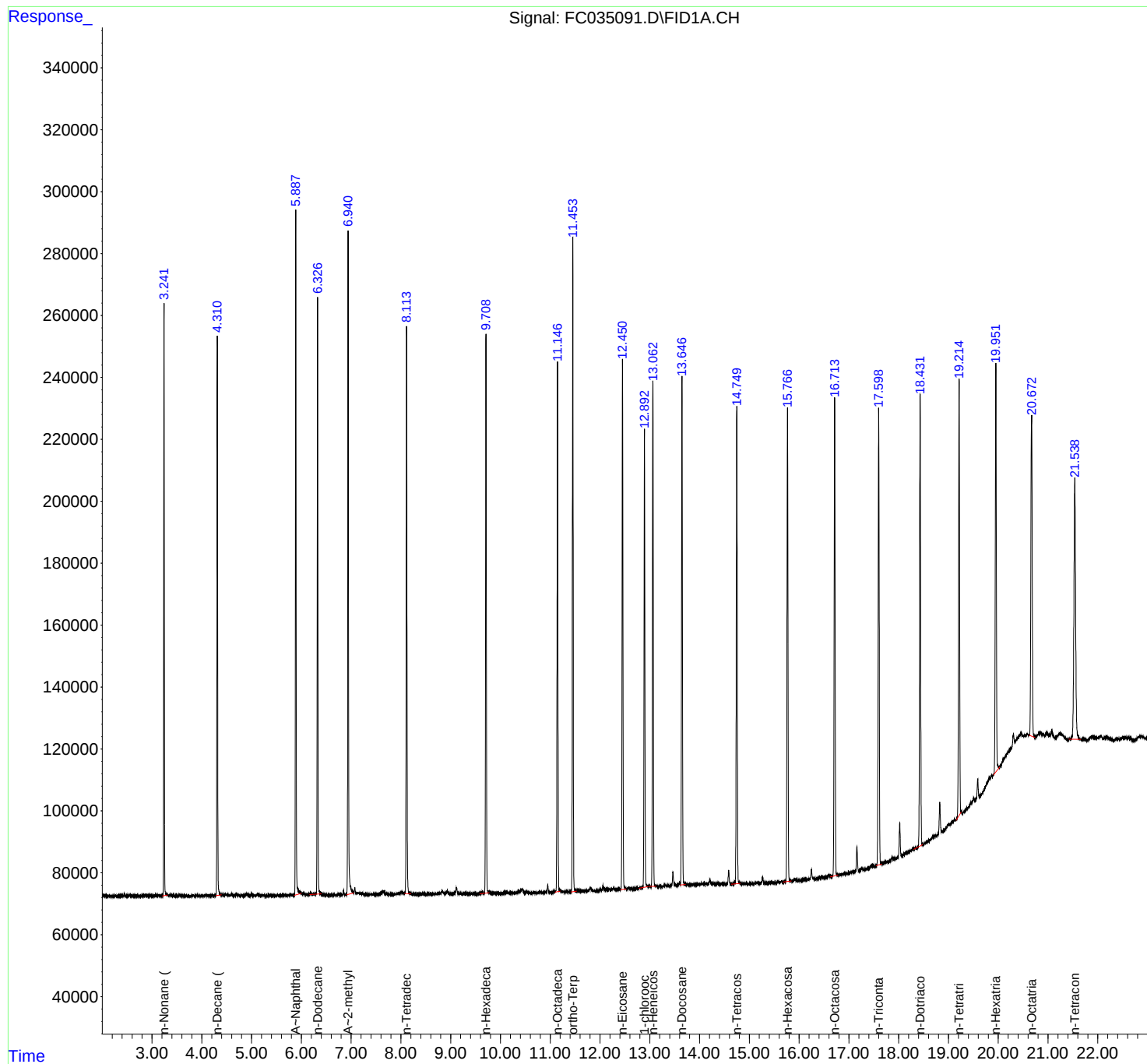
Response via : Initial Calibration

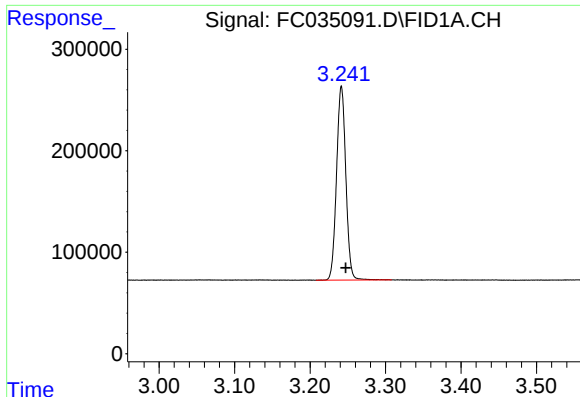
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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Signal Phase : Rxi-1ms

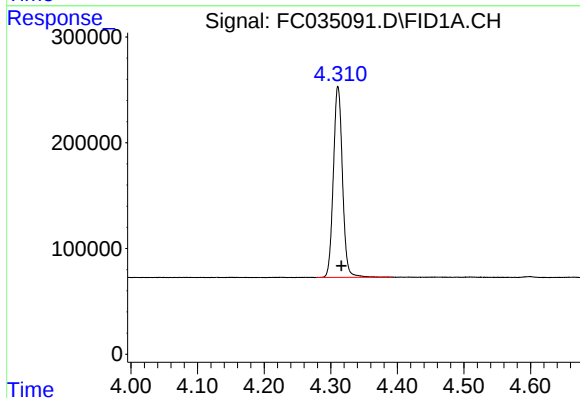
Signal Info : 20M x 0.18mm x 0.18um





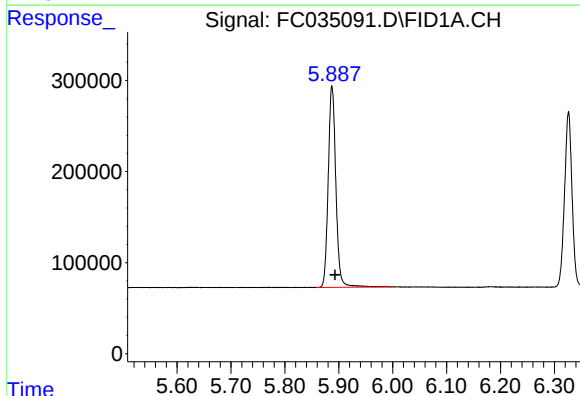
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: -0.006 min
Response: 1635045
Conc: 19.50 ug/ml



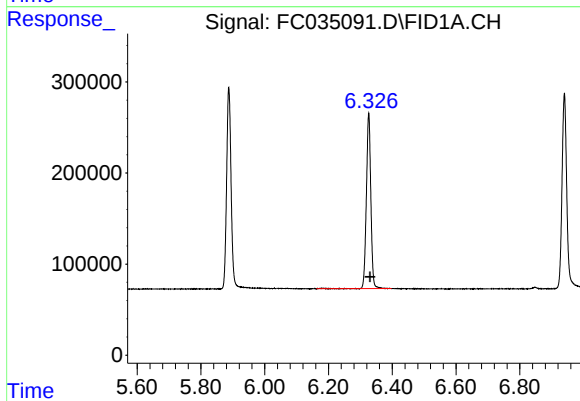
#2 n-Decane (C10)

R.T.: 4.311 min
Delta R.T.: -0.005 min
Response: 1717100
Conc: 20.49 ug/ml



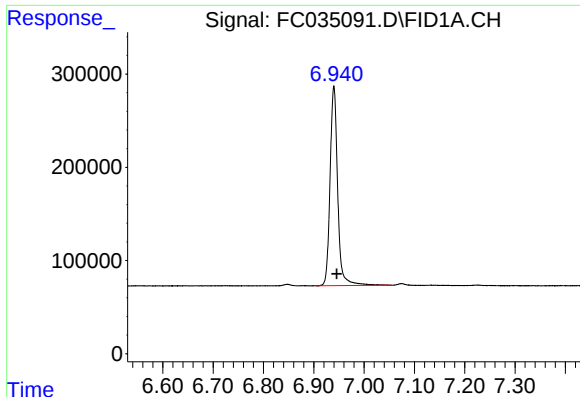
#3 A~Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.006 min
Response: 2177712
Conc: 22.95 ug/ml



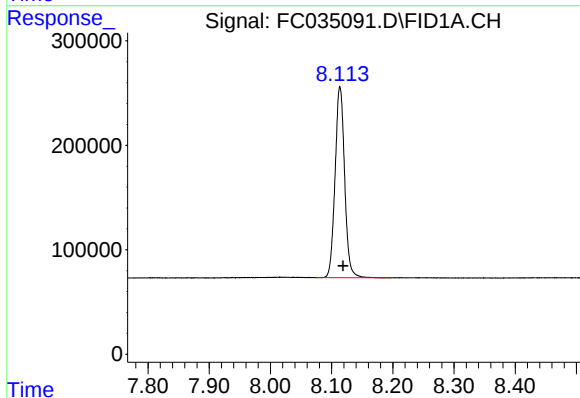
#4 n-Dodecane (C12)

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 1884488
Conc: 21.83 ug/ml



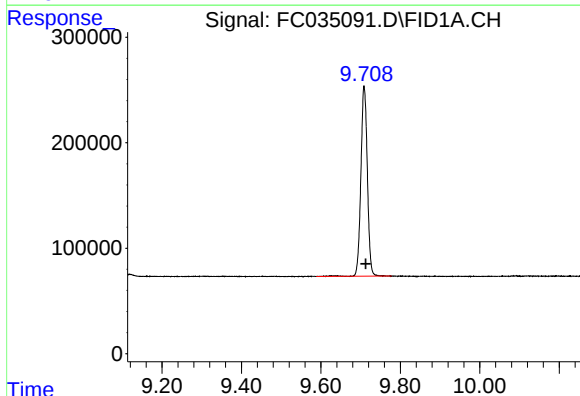
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: -0.006 min
Response: 2249087
Conc: 23.36 ug/ml



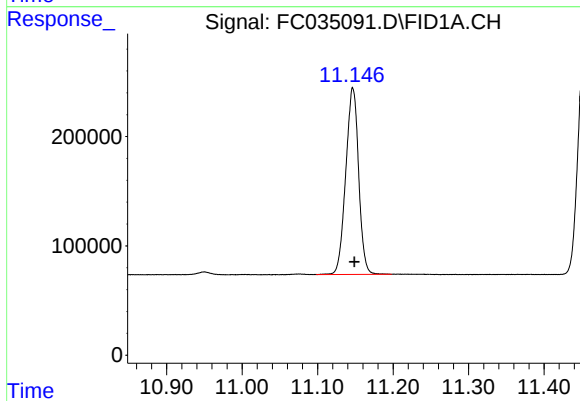
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.005 min
Response: 1984047
Conc: 22.25 ug/ml



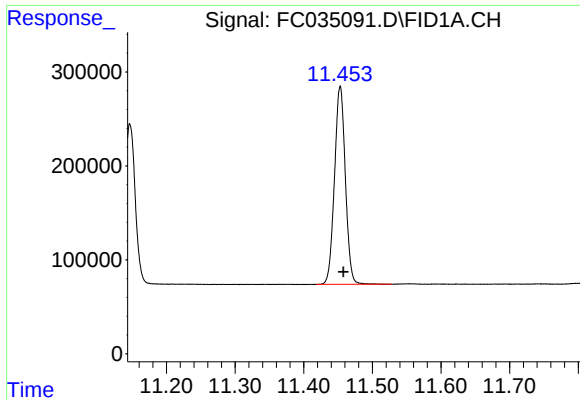
#7 n-Hexadecane (C16)

R.T.: 9.709 min
Delta R.T.: -0.004 min
Response: 2038000
Conc: 22.21 ug/ml



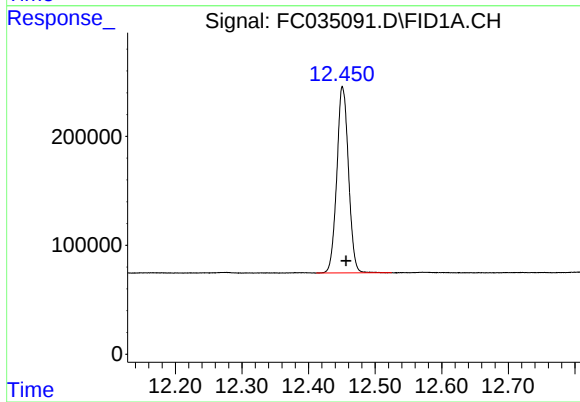
#8 n-Octadecane (C18)

R.T.: 11.147 min
Delta R.T.: -0.002 min
Response: 2025936
Conc: 21.47 ug/ml



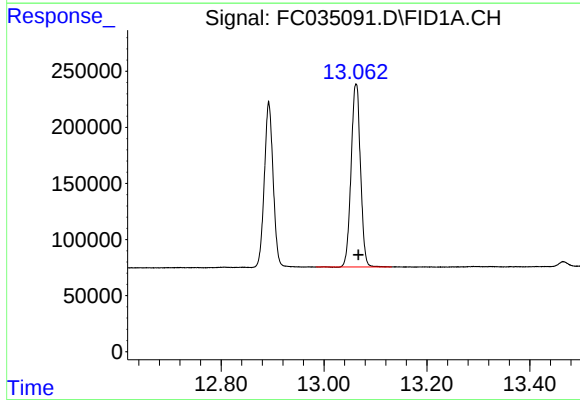
#9 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.005 min
Response: 2318851
Conc: 22.52 ug/ml



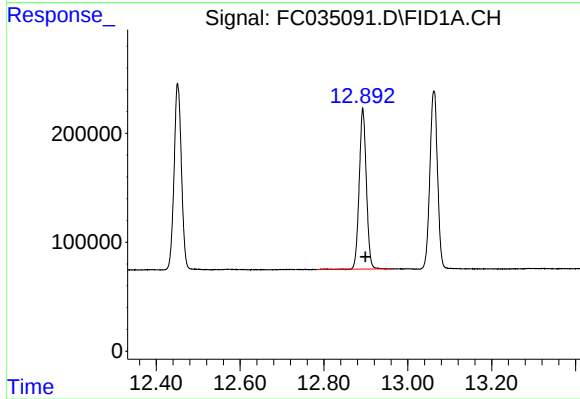
#10 n-Eicosane (C20)

R.T.: 12.451 min
Delta R.T.: -0.005 min
Response: 2082976
Conc: 21.60 ug/ml



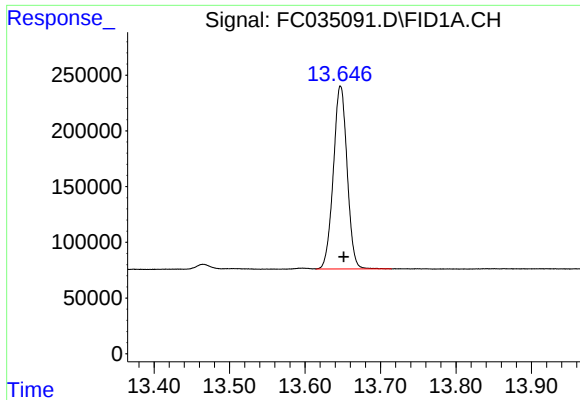
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.005 min
Response: 2056566
Conc: 21.65 ug/ml



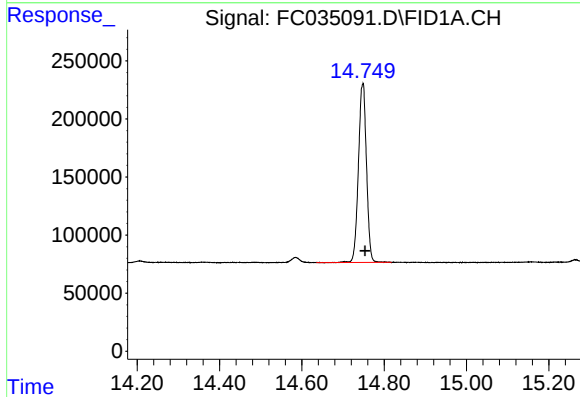
#12 1-chlorooctadecane (SURR)

R.T.: 12.893 min
Delta R.T.: -0.006 min
Response: 1749367
Conc: 21.86 ug/ml



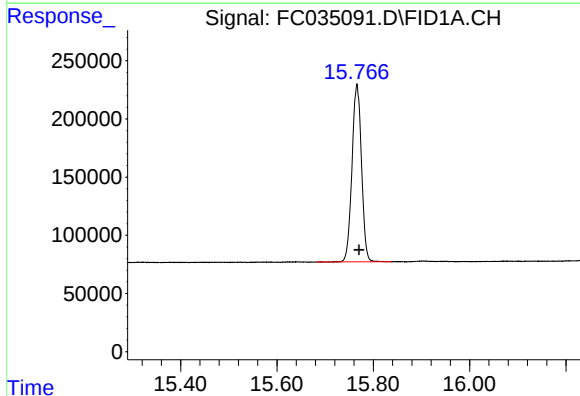
#13 n-Docosane (C22)

R.T.: 13.647 min
Delta R.T.: -0.004 min
Response: 2083739
Conc: 21.83 ug/ml



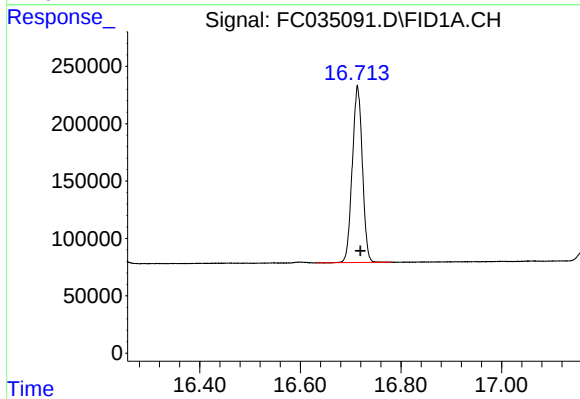
#14 n-Tetracosane (C24)

R.T.: 14.748 min
Delta R.T.: -0.005 min
Response: 2091962
Conc: 21.92 ug/ml



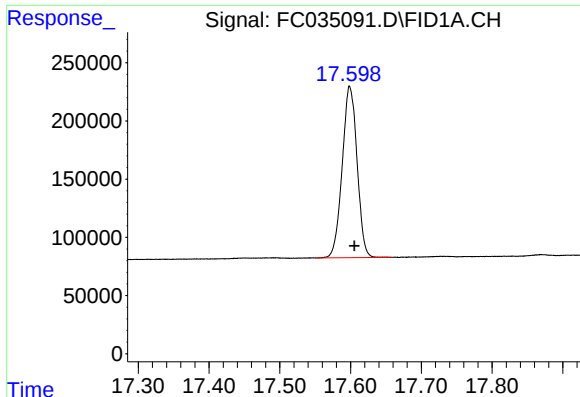
#15 n-Hexacosane (C26)

R.T.: 15.766 min
Delta R.T.: -0.005 min
Response: 2094164
Conc: 22.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.714 min
Delta R.T.: -0.005 min
Response: 2144277
Conc: 22.81 ug/ml



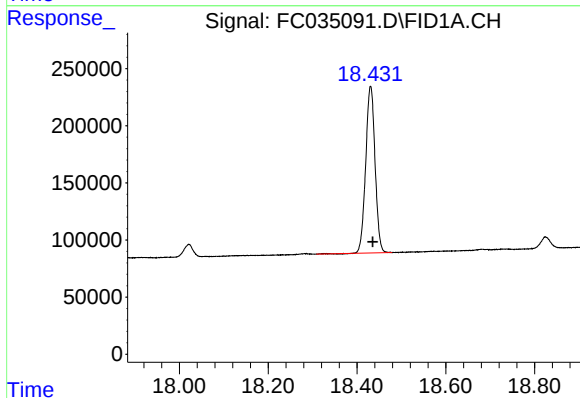
#17 n-Tricontane (C30)

R.T.: 17.599 min

Delta R.T.: -0.006 min

Response: 2144183

Conc: 23.34 ug/ml



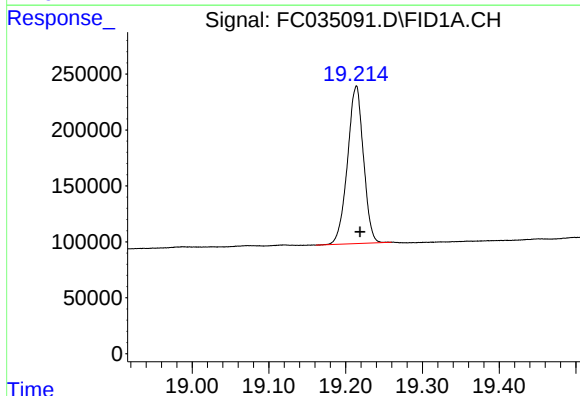
#18 n-Dotriacontane (C32)

R.T.: 18.431 min

Delta R.T.: -0.005 min

Response: 2132325

Conc: 24.01 ug/ml



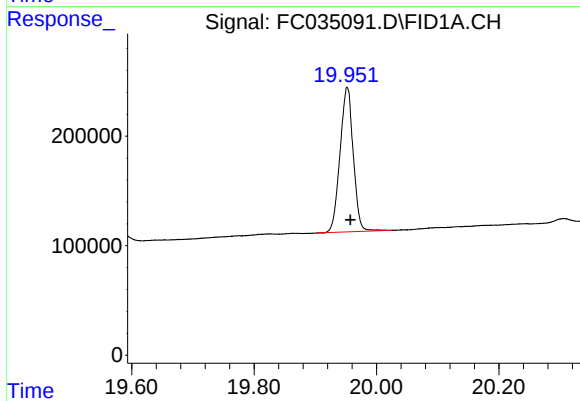
#19 n-Tetratriacontane (C34)

R.T.: 19.214 min

Delta R.T.: -0.005 min

Response: 2033453

Conc: 22.47 ug/ml



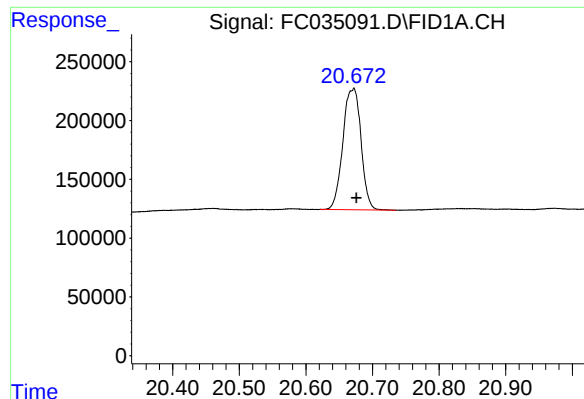
#20 n-Hexatriacontane (C36)

R.T.: 19.952 min

Delta R.T.: -0.006 min

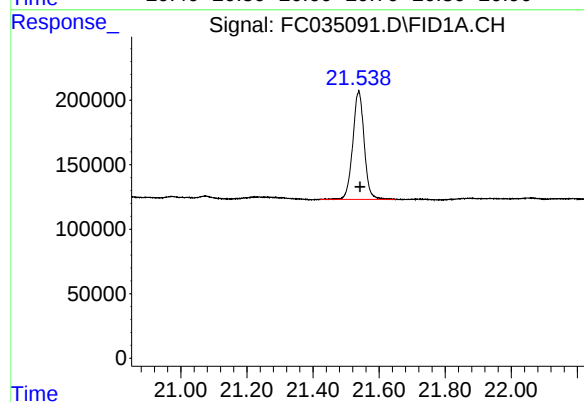
Response: 1980091

Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.670 min
Delta R.T.: -0.005 min
Response: 1948393
Conc: 21.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.538 min
Delta R.T.: -0.005 min
Response: 2008378
Conc: 21.37 ug/ml