

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092321AL\
 Data File : FC055788.D
 Signal(s) : FID1A.CH
 Acq On : 23 Sep 2021 11:26
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 01:21:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.647	2304233	18.247 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	13.080	1797747	18.194 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
Target Compounds			
1) T n-Nonane (C9)	3.400	2097394	18.873 ug/ml
2) T n-Decane (C10)	4.467	2148051	19.177 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2417948	19.261 ug/ml
4) T n-Dodecane (C12)	6.486	2186738	19.542 ug/ml
5) T A~2-methylnaphthalene...	7.115	2432113	19.236 ug/ml
6) T n-Tetradecane (C14)	8.282	2214633	19.565 ug/ml
7) T n-Hexadecane (C16)	9.884	2218865	19.421 ug/ml
8) T n-Octadecane (C18)	11.326	2236455	18.848 ug/ml
10) T n-Eicosane (C20)	12.634	2165690	18.347 ug/ml
11) T n-Heneicosane (C21)	13.247	2151006	18.029 ug/ml
13) T n-Docosane (C22)	13.833	2110215	17.812 ug/ml
14) T n-Tetracosane (C24)	14.935	2047190	17.301 ug/ml
15) T n-Hexacosane (C26)	15.954	1924142	16.887 ug/ml
16) T n-Octacosane (C28)	16.903	1852350	17.029 ug/ml
17) T n-Tricontane (C30)	17.788	1795350	17.748 ug/ml
18) T n-Dotriacontane (C32)	18.619	1722955	18.856 ug/ml
19) T n-Tetratriacontane (C34)	19.403	1683252	19.492 ug/ml
20) T n-Hexatriacontane (C36)	20.139	1635577	19.230 ug/ml
21) T n-Octatriacontane (C38)	20.882	1534689	20.161 ug/ml
22) T n-Tetracontane (C40)	21.809	1623862	23.183 ug/ml

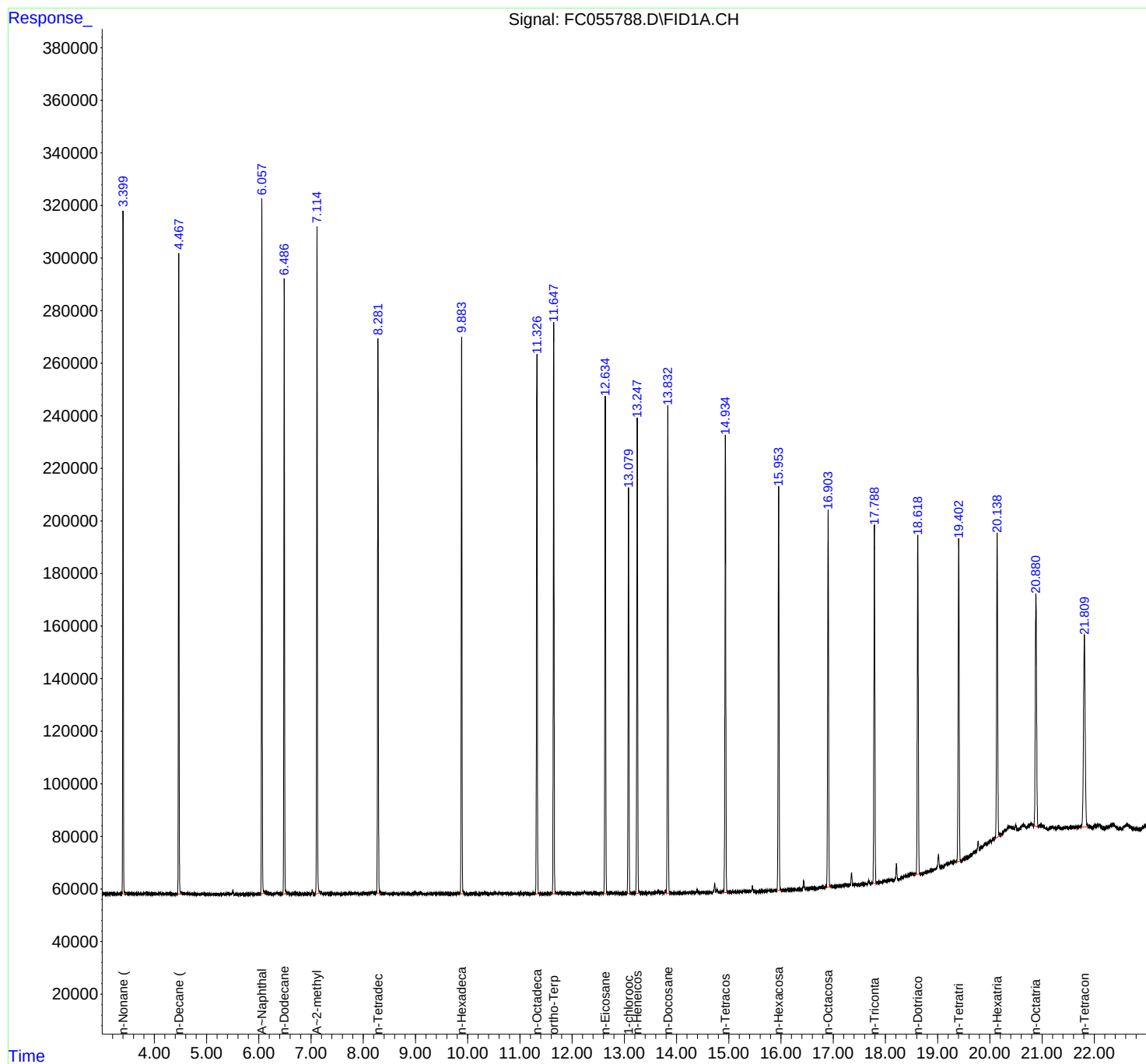
(f)=RT Delta > 1/2 Window

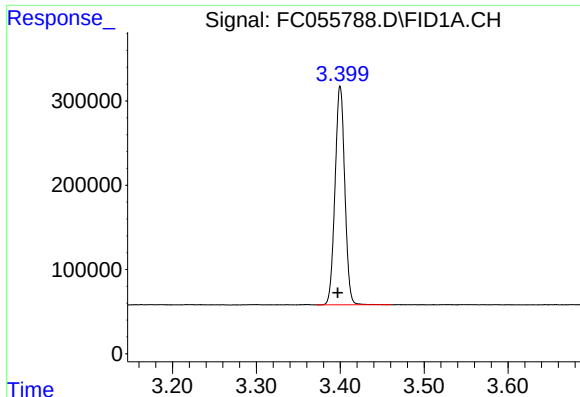
(m)=manual int.

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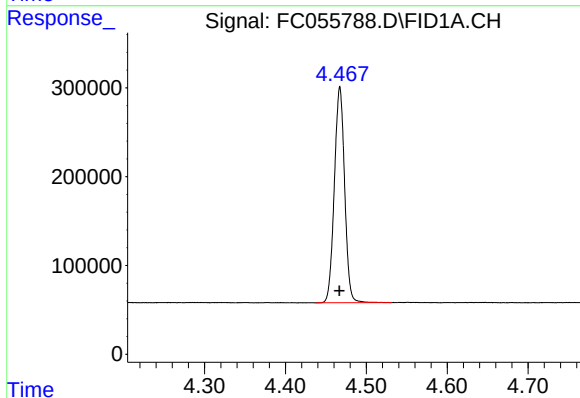
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Signal Info : 20M x 0.18mm x 0.18um





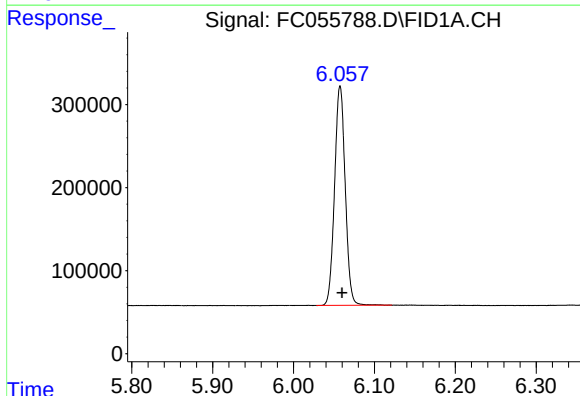
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: 0.003 min
Response: 2097394
Conc: 18.87 ug/ml



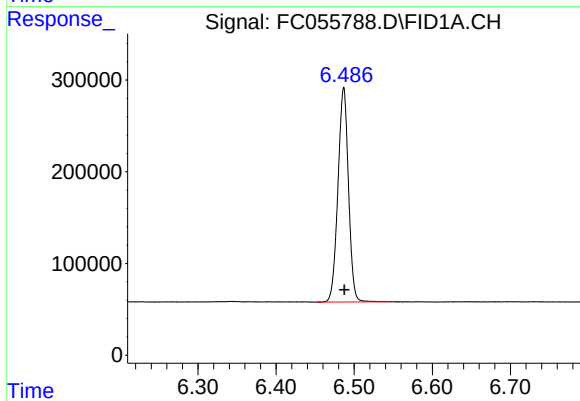
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 2148051
Conc: 19.18 ug/ml



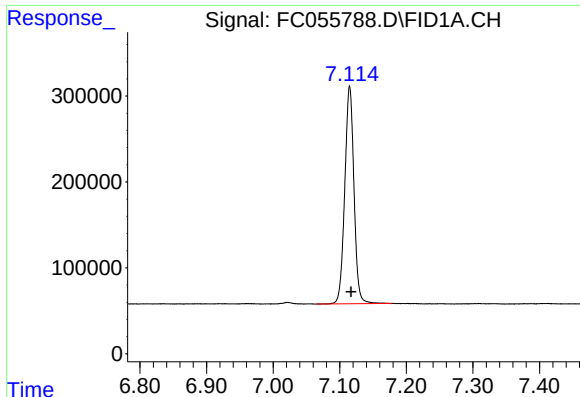
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 2417948
Conc: 19.26 ug/ml



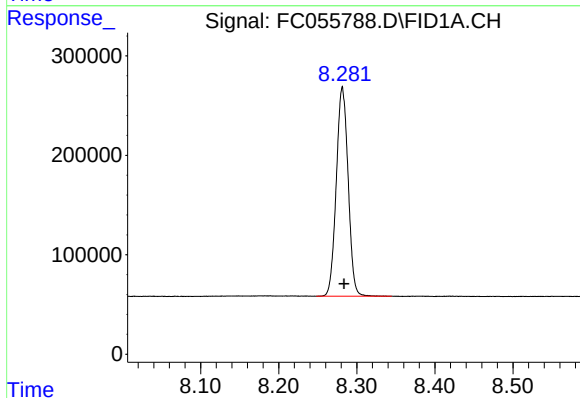
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 2186738
Conc: 19.54 ug/ml



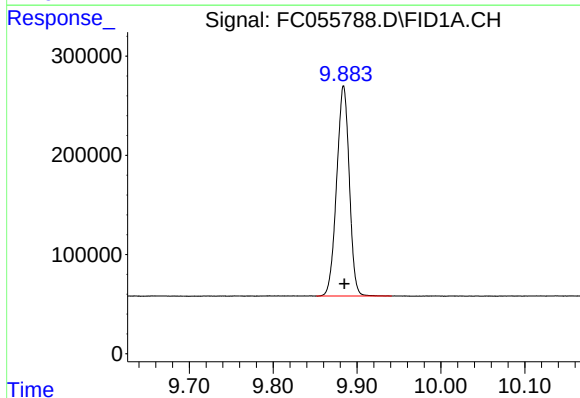
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.002 min
Response: 2432113
Conc: 19.24 ug/ml



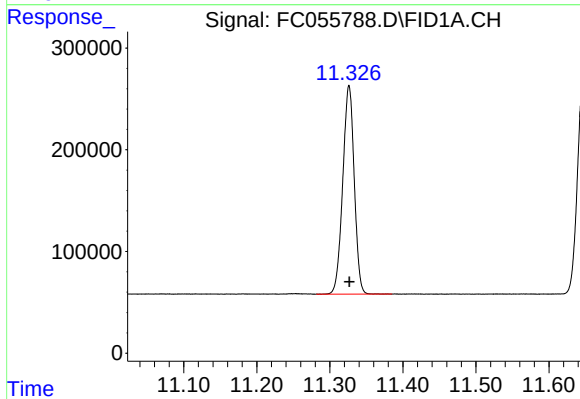
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: -0.002 min
Response: 2214633
Conc: 19.56 ug/ml



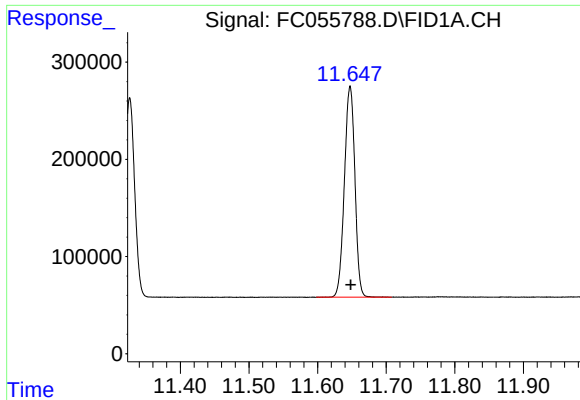
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: 0.000 min
Response: 2218865
Conc: 19.42 ug/ml



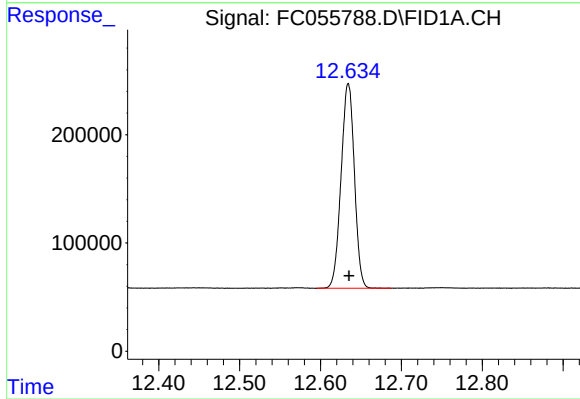
#8 n-Octadecane (C18)

R.T.: 11.326 min
Delta R.T.: 0.000 min
Response: 2236455
Conc: 18.85 ug/ml



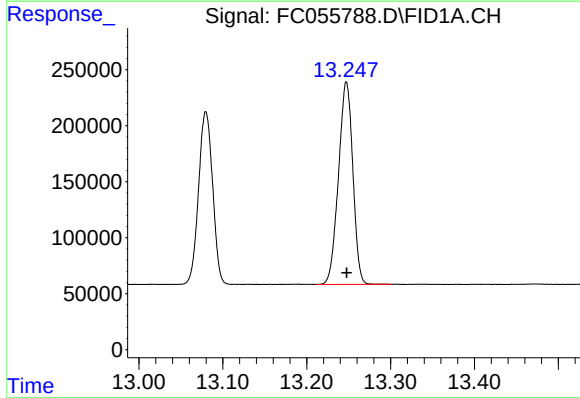
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 2304233
Conc: 18.25 ug/ml



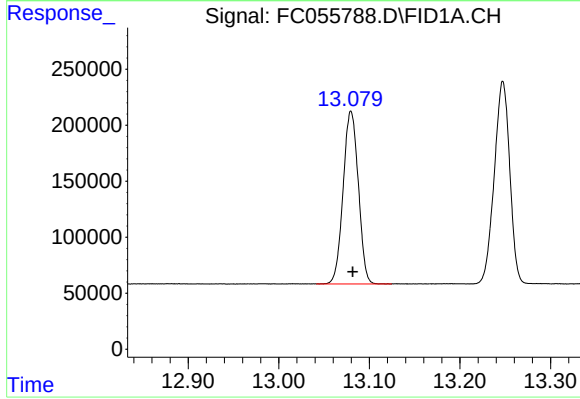
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.001 min
Response: 2165690
Conc: 18.35 ug/ml



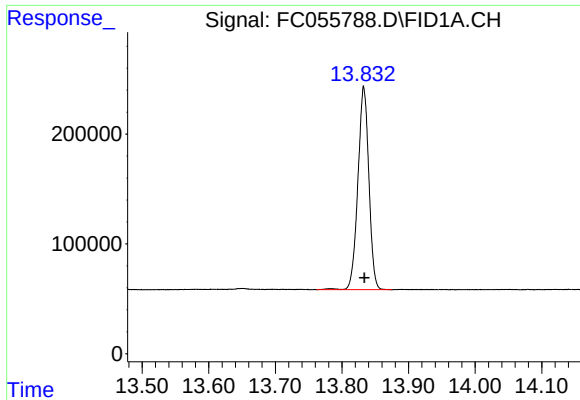
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: 0.000 min
Response: 2151006
Conc: 18.03 ug/ml



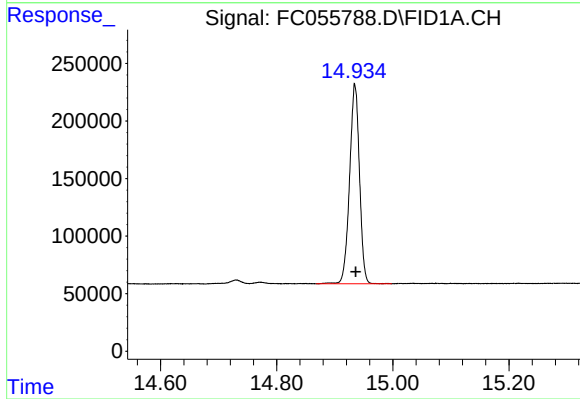
#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: -0.002 min
Response: 1797747
Conc: 18.19 ug/ml



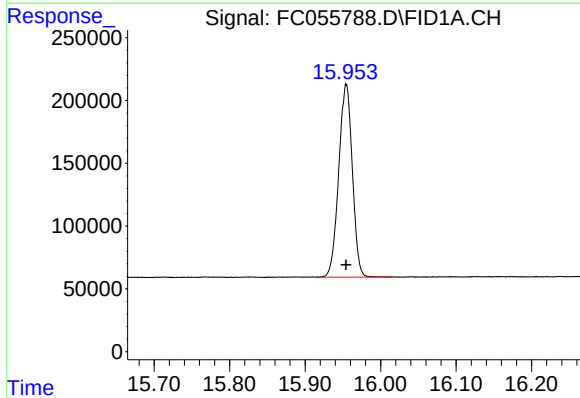
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: 0.000 min
Response: 2110215
Conc: 17.81 ug/ml



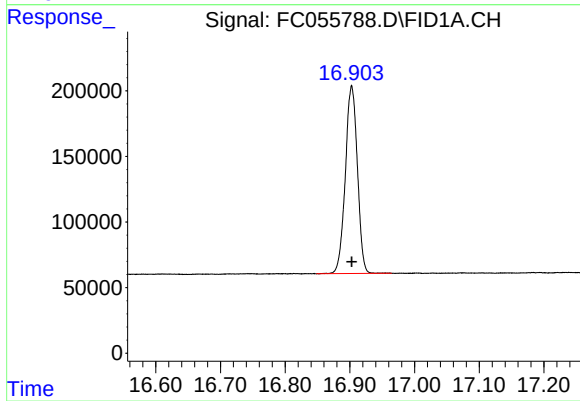
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: -0.001 min
Response: 2047190
Conc: 17.30 ug/ml



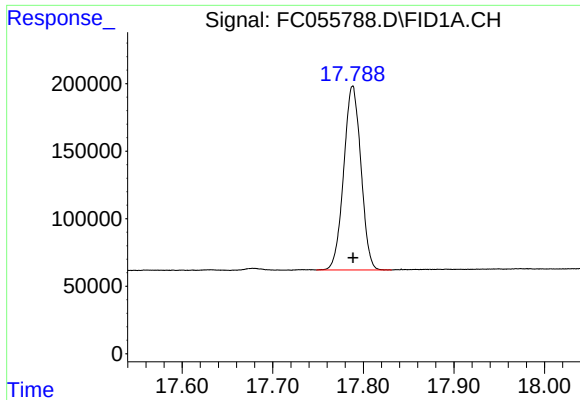
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: 0.000 min
Response: 1924142
Conc: 16.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: 0.000 min
Response: 1852350
Conc: 17.03 ug/ml



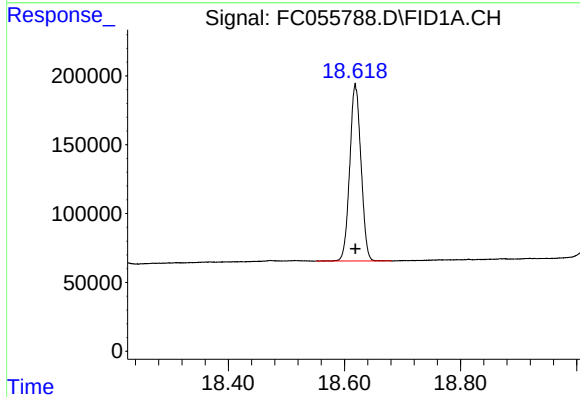
#17 n-Tricontane (C30)

R.T.: 17.788 min

Delta R.T.: 0.000 min

Response: 1795350

Conc: 17.75 ug/ml



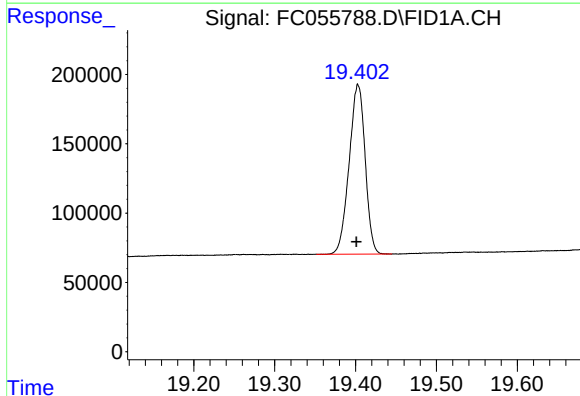
#18 n-Dotriacontane (C32)

R.T.: 18.619 min

Delta R.T.: 0.000 min

Response: 1722955

Conc: 18.86 ug/ml



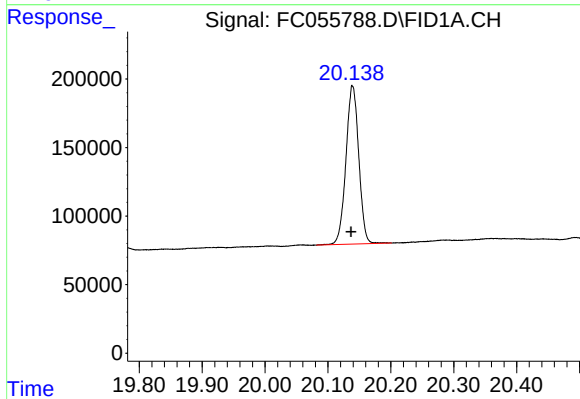
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min

Delta R.T.: 0.002 min

Response: 1683252

Conc: 19.49 ug/ml



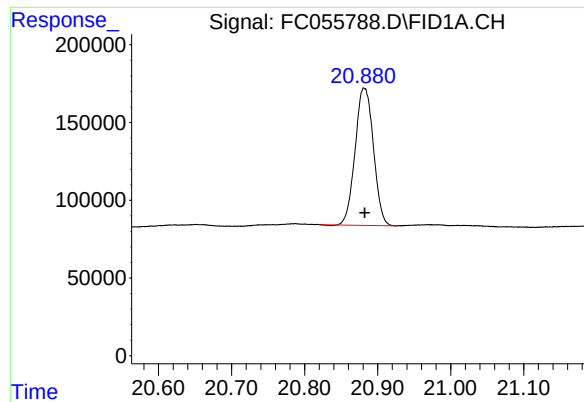
#20 n-Hexatriacontane (C36)

R.T.: 20.139 min

Delta R.T.: 0.003 min

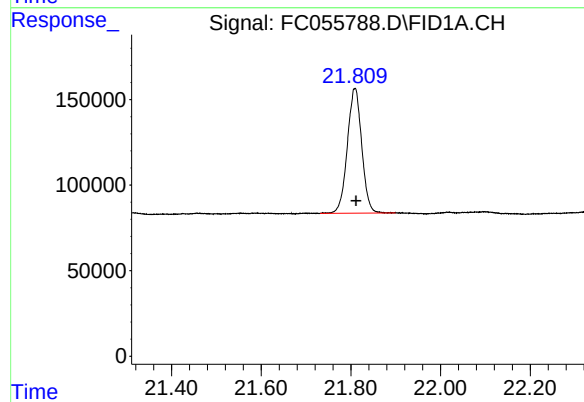
Response: 1635577

Conc: 19.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: 0.000 min
Response: 1534689
Conc: 20.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.809 min
Delta R.T.: -0.003 min
Response: 1623862
Conc: 23.18 ug/ml