

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092121AL\
 Data File : FC055757.D
 Signal(s) : FID1A.CH
 Acq On : 22 Sep 2021 6:36
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 22 07:45:38 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	2607666	20.650 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
12) S 1-chlorooctadecane (S...	13.079	2031943	20.564 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
Target Compounds			
1) T n-Nonane (C9)	3.398	2353124	21.174 ug/ml
2) T n-Decane (C10)	4.466	2391077	21.347 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2705150	21.549 ug/ml
4) T n-Dodecane (C12)	6.486	2430409	21.719 ug/ml
5) T A~2-methylnaphthalene...	7.115	2722303	21.531 ug/ml
6) T n-Tetradecane (C14)	8.282	2465000	21.777 ug/ml
7) T n-Hexadecane (C16)	9.884	2477935	21.688 ug/ml
8) T n-Octadecane (C18)	11.325	2509866	21.152 ug/ml
10) T n-Eicosane (C20)	12.634	2435813	20.636 ug/ml
11) T n-Heneicosane (C21)	13.245	2427737	20.349 ug/ml
13) T n-Docosane (C22)	13.831	2379099	20.081 ug/ml
14) T n-Tetracosane (C24)	14.933	2307196	19.498 ug/ml
15) T n-Hexacosane (C26)	15.952	2165952	19.009 ug/ml
16) T n-Octacosane (C28)	16.900	2080615	19.128 ug/ml
17) T n-Tricontane (C30)	17.787	2006420	19.834 ug/ml
18) T n-Dotriacontane (C32)	18.617	1935973	21.187 ug/mlm
19) T n-Tetratriacontane (C34)	19.397	1875103	21.713 ug/ml
20) T n-Hexatriacontane (C36)	20.135	1811728	21.302 ug/ml
21) T n-Octatriacontane (C38)	20.877	1737255	22.822 ug/ml
22) T n-Tetracontane (C40)	21.803	1813313	25.887 ug/ml

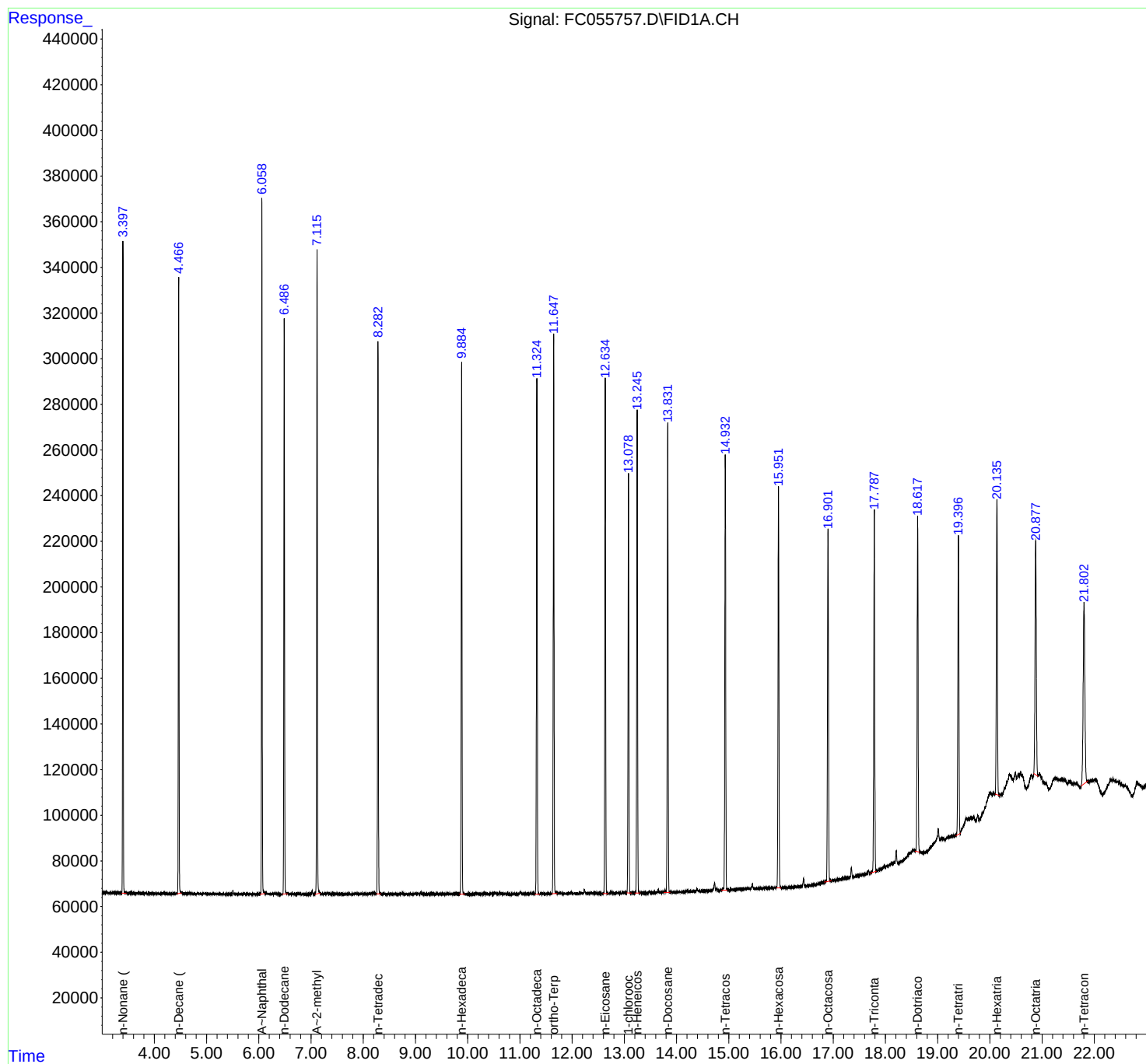
(f)=RT Delta > 1/2 Window

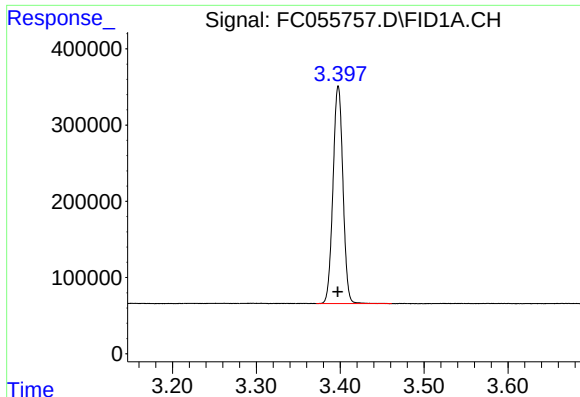
(m)=manual int.

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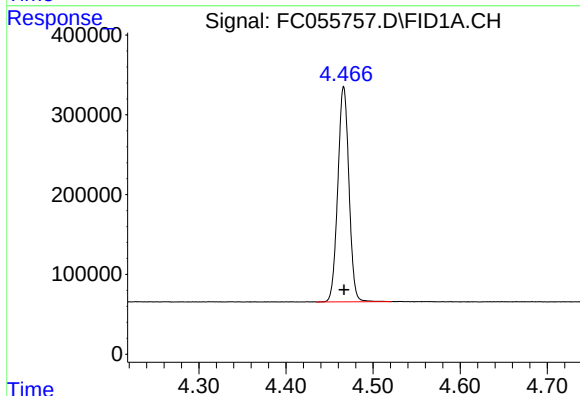
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Signal Info : 20M x 0.18mm x 0.18um





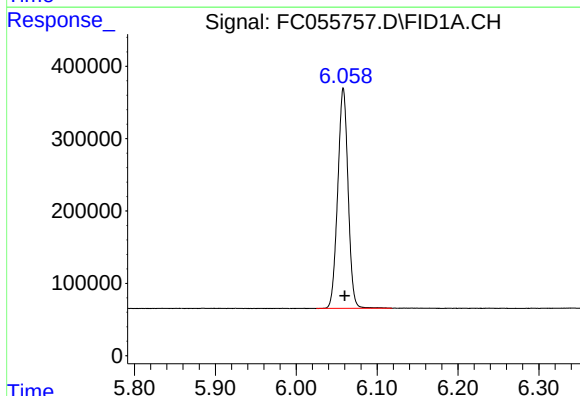
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 2353124
Conc: 21.17 ug/ml



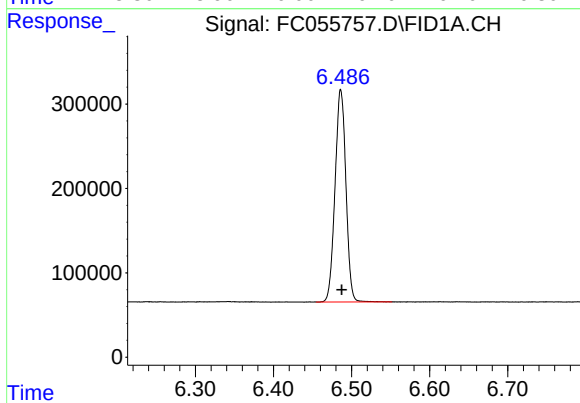
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 2391077
Conc: 21.35 ug/ml



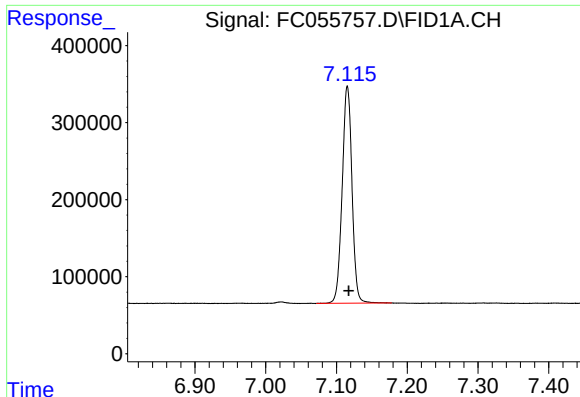
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 2705150
Conc: 21.55 ug/ml



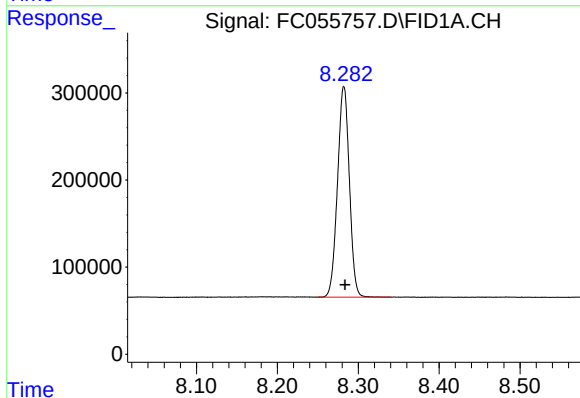
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.001 min
Response: 2430409
Conc: 21.72 ug/ml



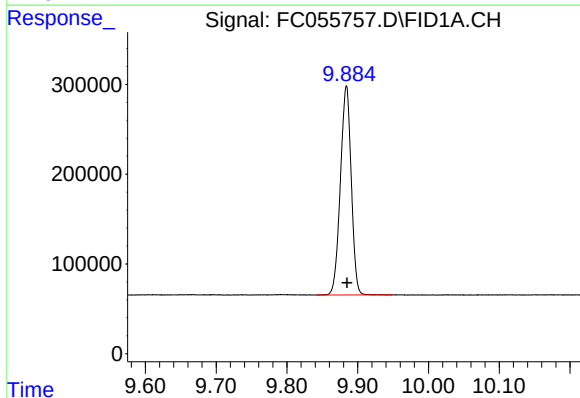
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.002 min
Response: 2722303
Conc: 21.53 ug/ml



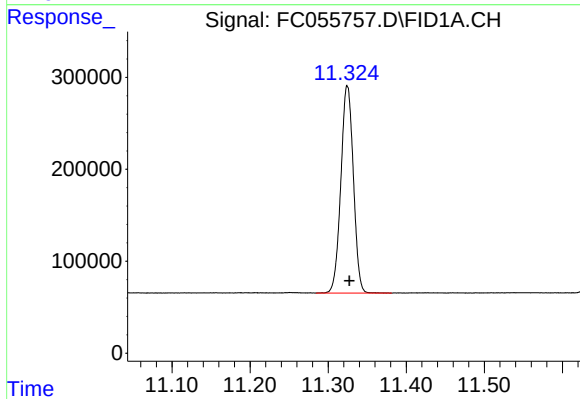
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: -0.002 min
Response: 2465000
Conc: 21.78 ug/ml



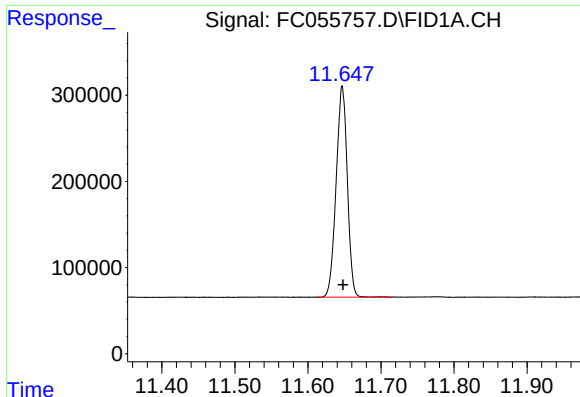
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: 0.000 min
Response: 2477935
Conc: 21.69 ug/ml



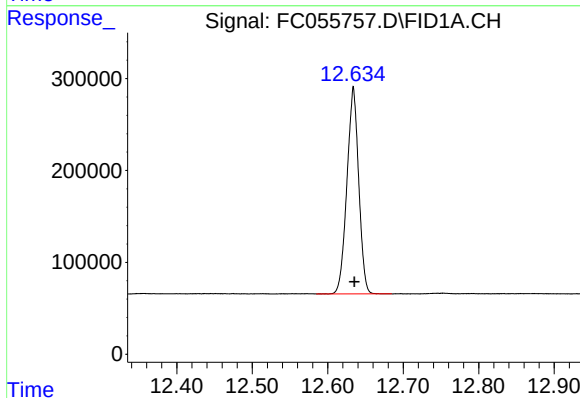
#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: -0.002 min
Response: 2509866
Conc: 21.15 ug/ml



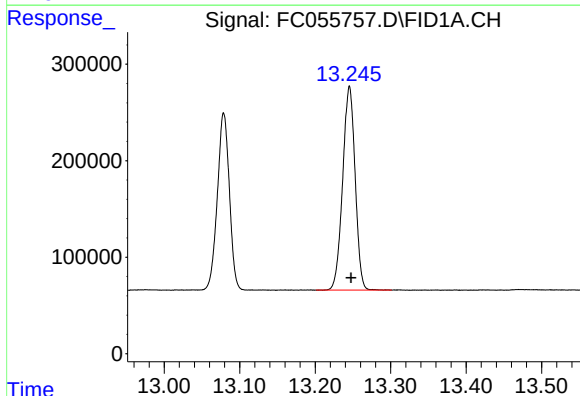
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: -0.001 min
Response: 2607666
Conc: 20.65 ug/ml



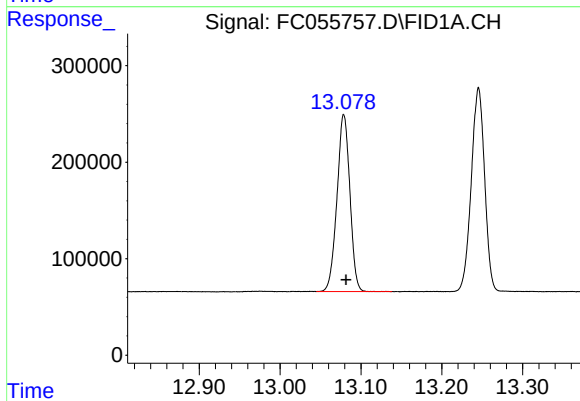
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.002 min
Response: 2435813
Conc: 20.64 ug/ml



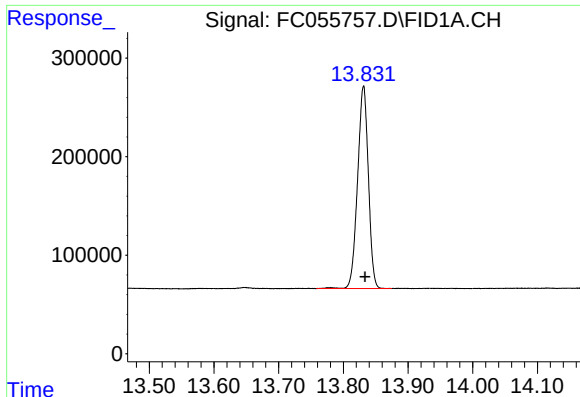
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: -0.002 min
Response: 2427737
Conc: 20.35 ug/ml



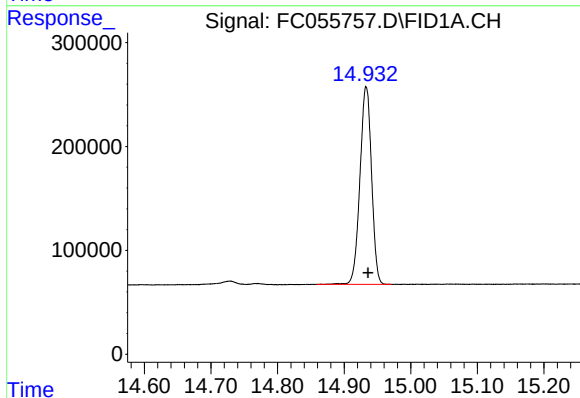
#12 1-chlorooctadecane (SURR)

R.T.: 13.079 min
Delta R.T.: -0.003 min
Response: 2031943
Conc: 20.56 ug/ml



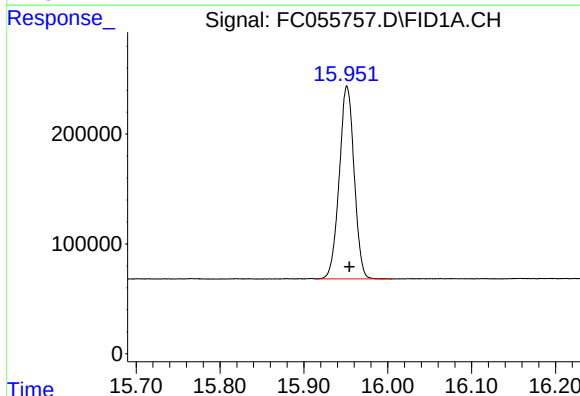
#13 n-Docosane (C22)

R.T.: 13.831 min
Delta R.T.: -0.002 min
Response: 2379099
Conc: 20.08 ug/ml



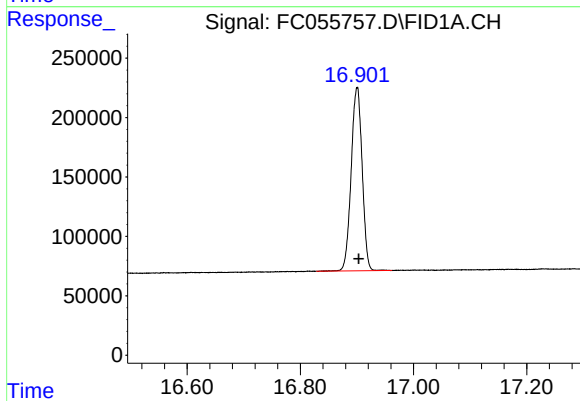
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.003 min
Response: 2307196
Conc: 19.50 ug/ml



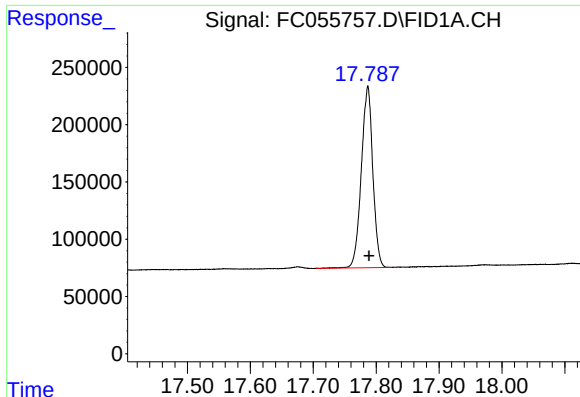
#15 n-Hexacosane (C26)

R.T.: 15.952 min
Delta R.T.: -0.003 min
Response: 2165952
Conc: 19.01 ug/ml



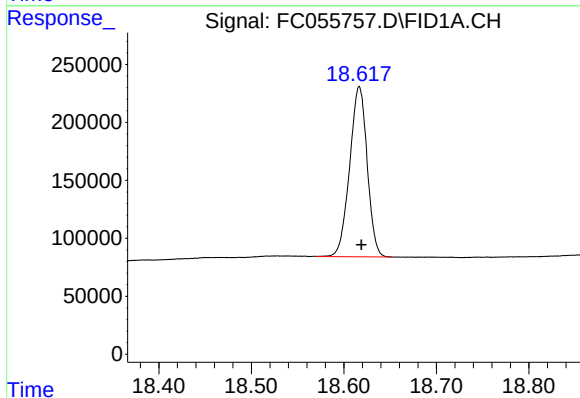
#16 n-Octacosane (C28)

R.T.: 16.900 min
Delta R.T.: -0.003 min
Response: 2080615
Conc: 19.13 ug/ml



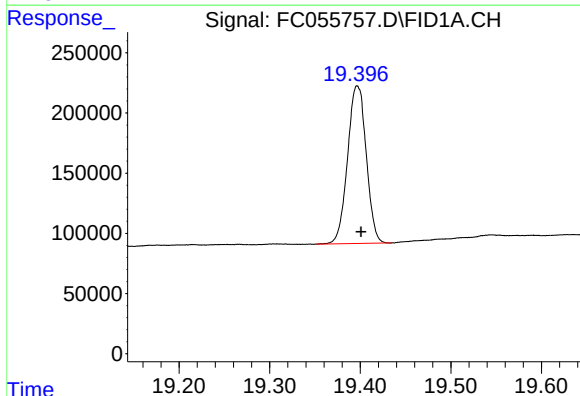
#17 n-Tricontane (C30)

R.T.: 17.787 min
Delta R.T.: -0.002 min
Response: 2006420
Conc: 19.83 ug/ml



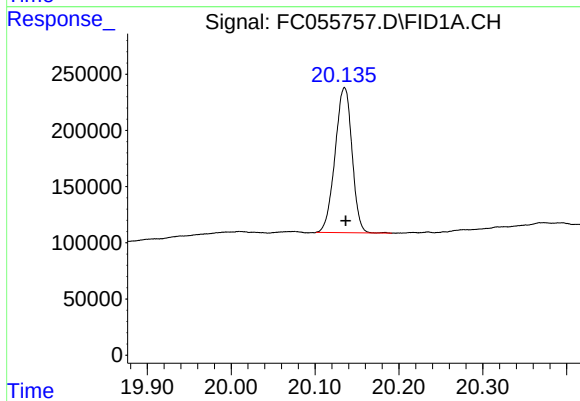
#18 n-Dotriacontane (C32)

R.T.: 18.617 min
Delta R.T.: -0.002 min
Response: 1935973
Conc: 21.19 ug/ml m



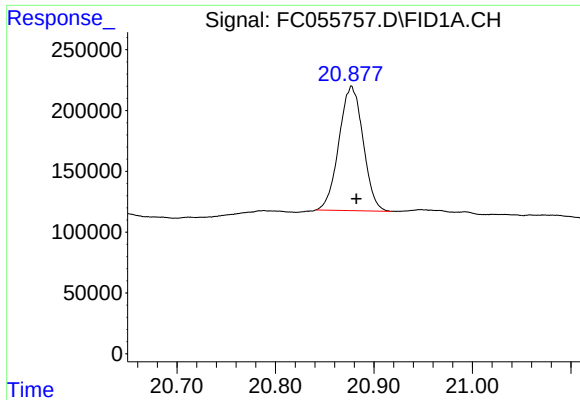
#19 n-Tetratriacontane (C34)

R.T.: 19.397 min
Delta R.T.: -0.004 min
Response: 1875103
Conc: 21.71 ug/ml



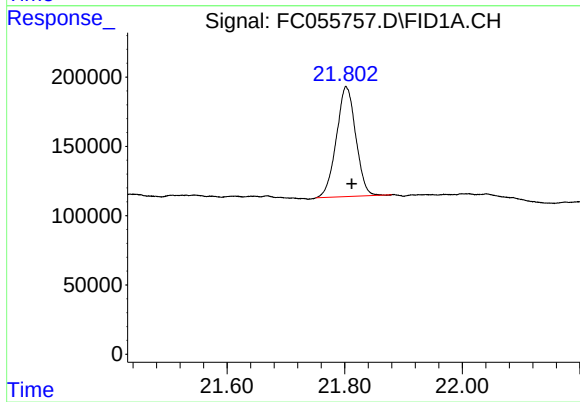
#20 n-Hexatriacontane (C36)

R.T.: 20.135 min
Delta R.T.: -0.002 min
Response: 1811728
Conc: 21.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.877 min
Delta R.T.: -0.005 min
Response: 1737255
Conc: 22.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.803 min
Delta R.T.: -0.009 min
Response: 1813313
Conc: 25.89 ug/ml