

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092221AL\
 Data File : FC055785.D
 Signal(s) : FID1A.CH
 Acq On : 23 Sep 2021 7:13
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 23 09:12:35 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)	11.648	2633398	20.854 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
12) S 1-chlorooctadecane (S...	13.081	2056478	20.813 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
Target Compounds			
1) T n-Nonane (C9)	3.398	2415814	21.738 ug/ml
2) T n-Decane (C10)	4.466	2466753	22.022 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2780469	22.149 ug/ml
4) T n-Dodecane (C12)	6.487	2518462	22.506 ug/ml
5) T A~2-methylnaphthalene...	7.115	2813939	22.256 ug/ml
6) T n-Tetradecane (C14)	8.283	2546987	22.501 ug/ml
7) T n-Hexadecane (C16)	9.885	2548280	22.304 ug/ml
8) T n-Octadecane (C18)	11.327	2565467	21.621 ug/ml
10) T n-Eicosane (C20)	12.635	2471810	20.941 ug/ml
11) T n-Heneicosane (C21)	13.247	2452151	20.553 ug/ml
13) T n-Docosane (C22)	13.833	2405202	20.302 ug/ml
14) T n-Tetracosane (C24)	14.934	2308853	19.512 ug/ml
15) T n-Hexacosane (C26)	15.956	2192539	19.242 ug/ml
16) T n-Octacosane (C28)	16.904	2108986	19.389 ug/ml
17) T n-Tricontane (C30)	17.791	2043274	20.199 ug/ml
18) T n-Dotriacontane (C32)	18.621	1970906	21.569 ug/ml
19) T n-Tetratriacontane (C34)	19.403	1936971	22.430 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1906018	22.410 ug/ml
21) T n-Octatriacontane (C38)	20.884	1868134	24.541 ug/ml
22) T n-Tetracontane (C40)	21.816	1846404	26.360 ug/ml

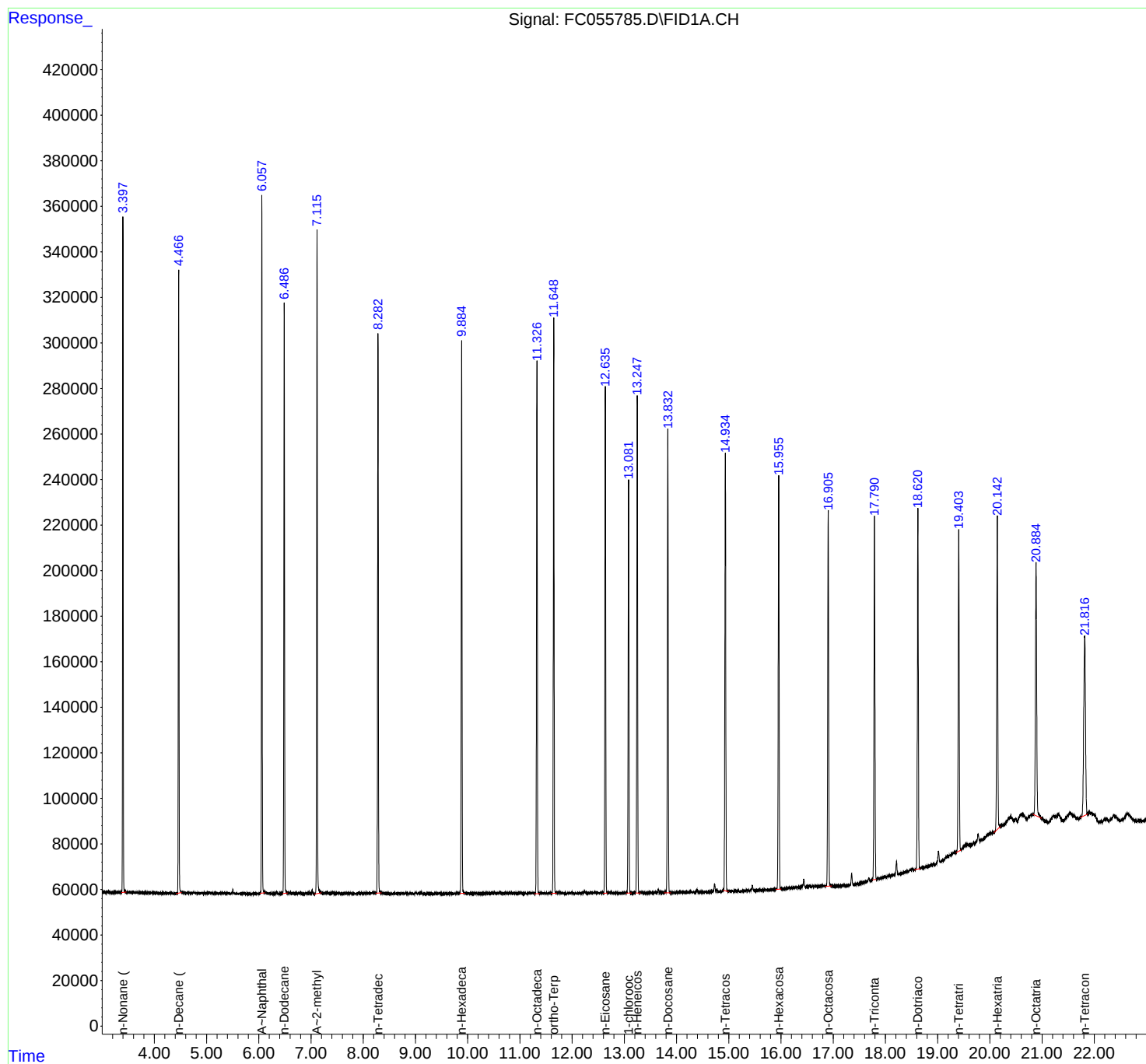
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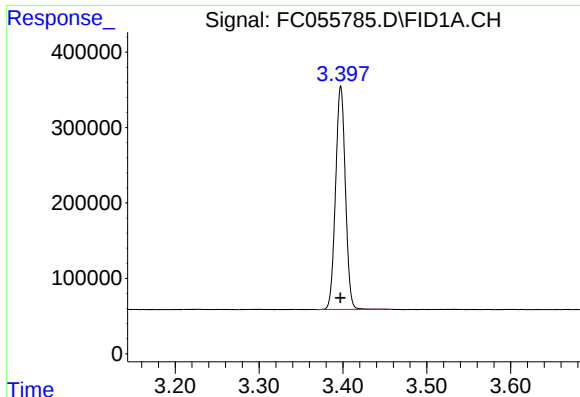
(m)=manual int.

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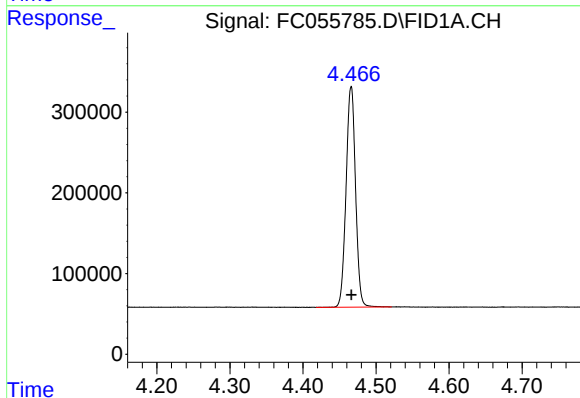
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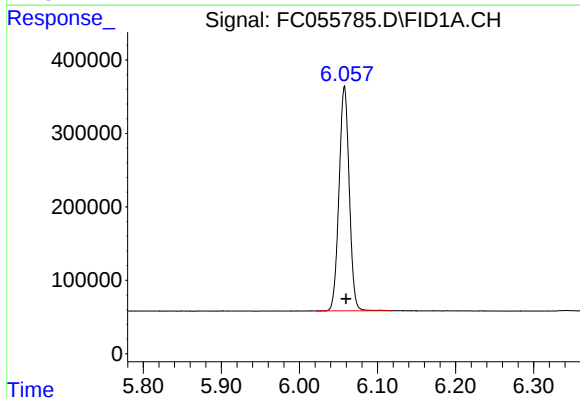
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 2415814
Conc: 21.74 ug/ml



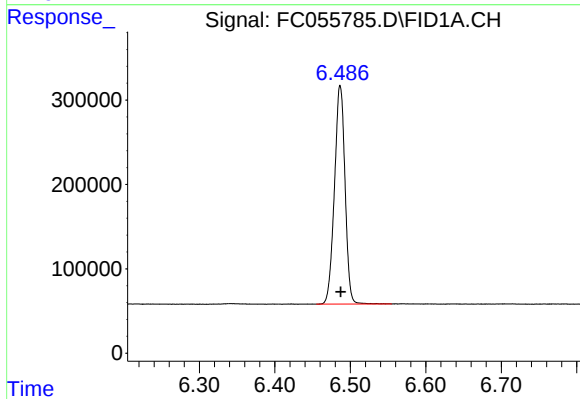
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 2466753
Conc: 22.02 ug/ml



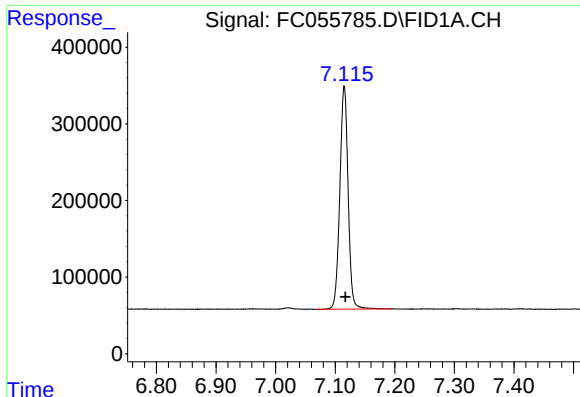
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 2780469
Conc: 22.15 ug/ml



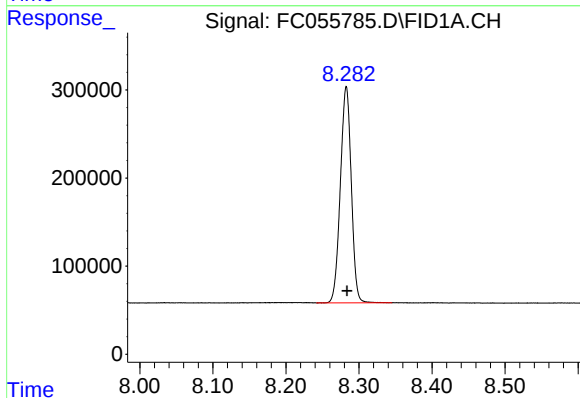
#4 n-Dodecane (C12)

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 2518462
Conc: 22.51 ug/ml



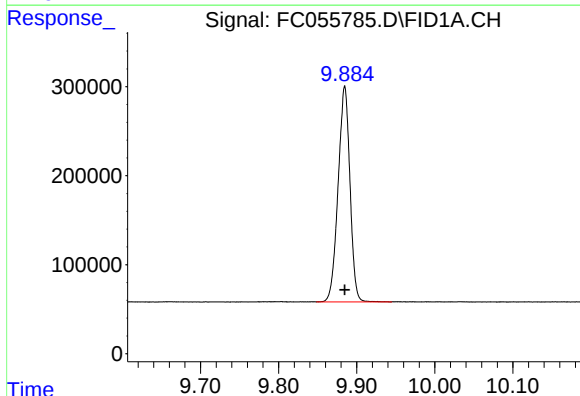
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.002 min
Response: 2813939
Conc: 22.26 ug/ml



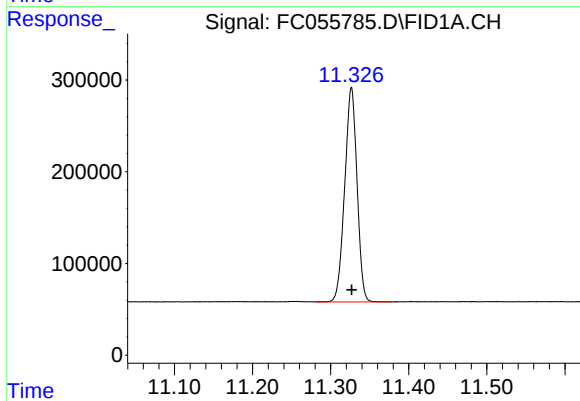
#6 n-Tetradecane (C14)

R.T.: 8.283 min
Delta R.T.: -0.001 min
Response: 2546987
Conc: 22.50 ug/ml



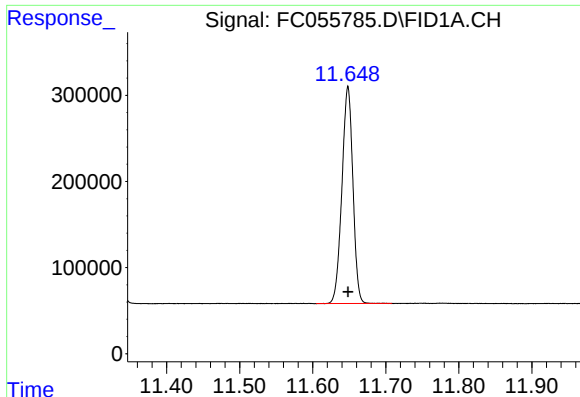
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.000 min
Response: 2548280
Conc: 22.30 ug/ml



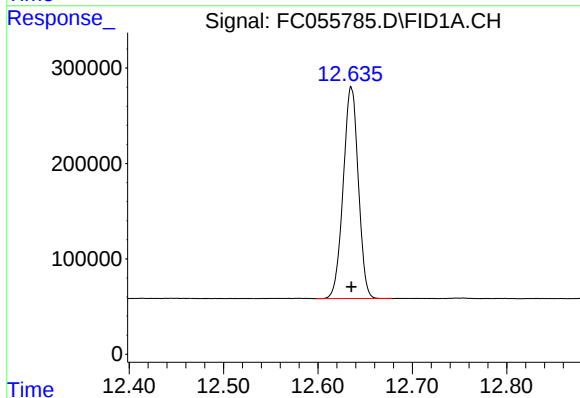
#8 n-Octadecane (C18)

R.T.: 11.327 min
Delta R.T.: 0.000 min
Response: 2565467
Conc: 21.62 ug/ml



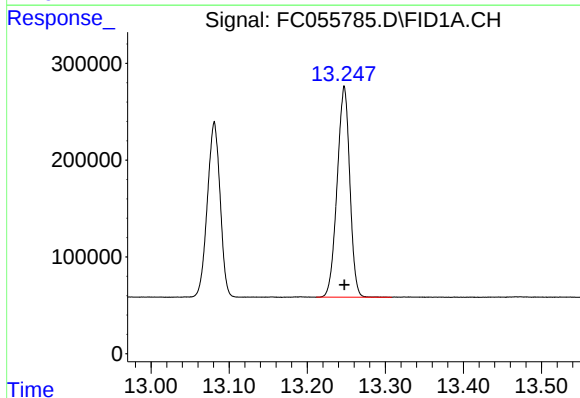
#9 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 2633398
Conc: 20.85 ug/ml



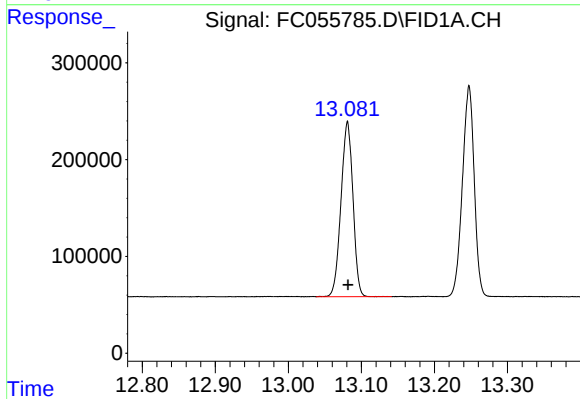
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: 0.000 min
Response: 2471810
Conc: 20.94 ug/ml



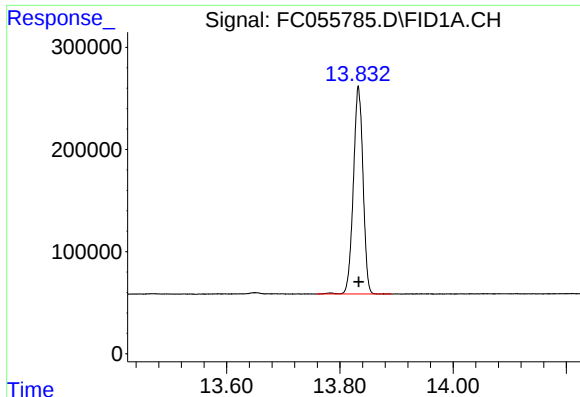
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: 0.000 min
Response: 2452151
Conc: 20.55 ug/ml



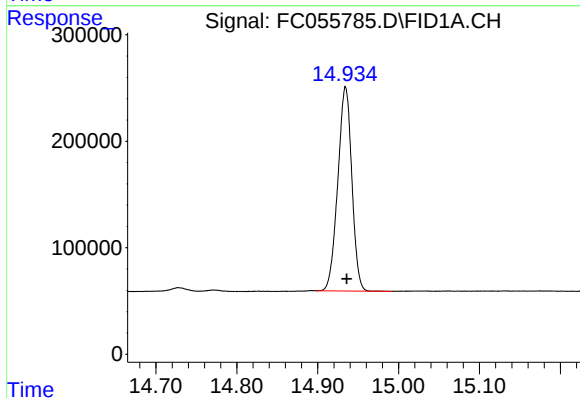
#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: 0.000 min
Response: 2056478
Conc: 20.81 ug/ml



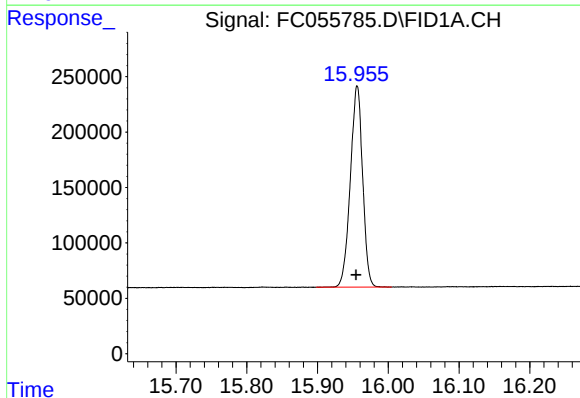
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: 0.000 min
Response: 2405202
Conc: 20.30 ug/ml



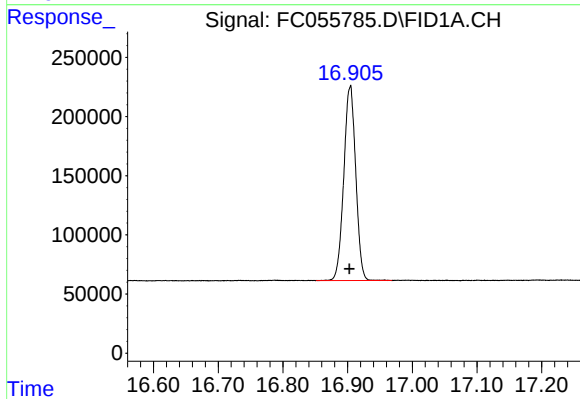
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.002 min
Response: 2308853
Conc: 19.51 ug/ml



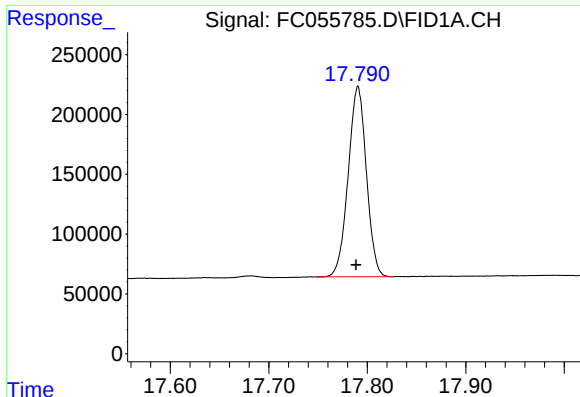
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: 0.002 min
Response: 2192539
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.904 min
Delta R.T.: 0.000 min
Response: 2108986
Conc: 19.39 ug/ml



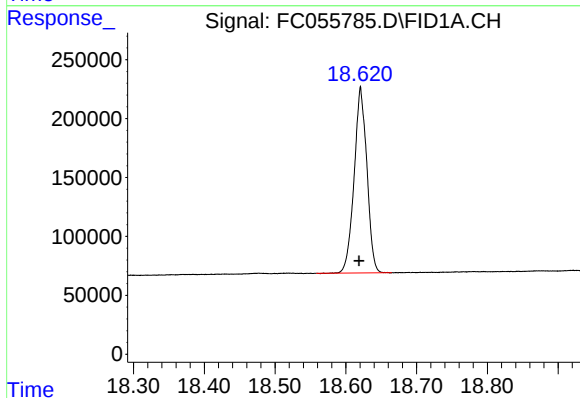
#17 n-Tricontane (C30)

R.T.: 17.791 min

Delta R.T.: 0.002 min

Response: 2043274

Conc: 20.20 ug/ml



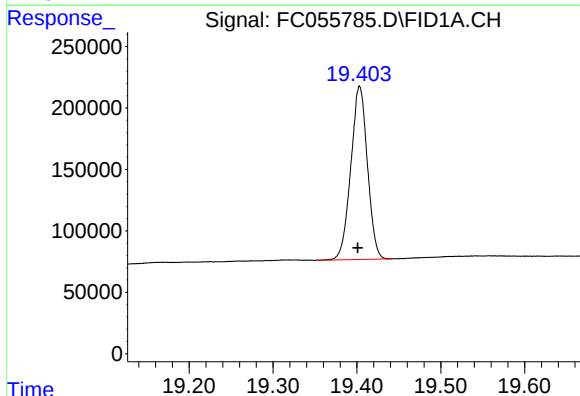
#18 n-Dotriacontane (C32)

R.T.: 18.621 min

Delta R.T.: 0.002 min

Response: 1970906

Conc: 21.57 ug/ml



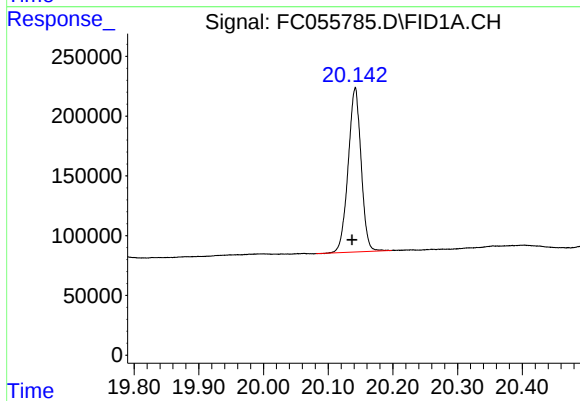
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min

Delta R.T.: 0.002 min

Response: 1936971

Conc: 22.43 ug/ml



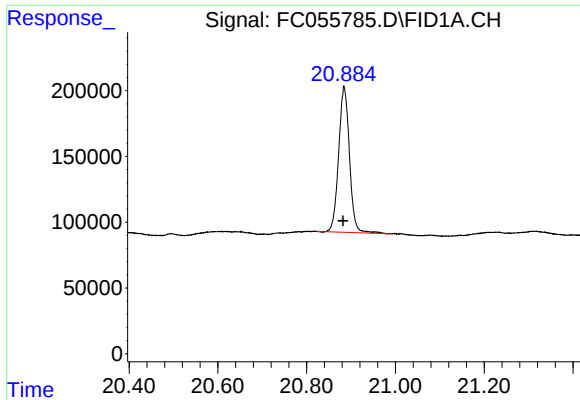
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min

Delta R.T.: 0.005 min

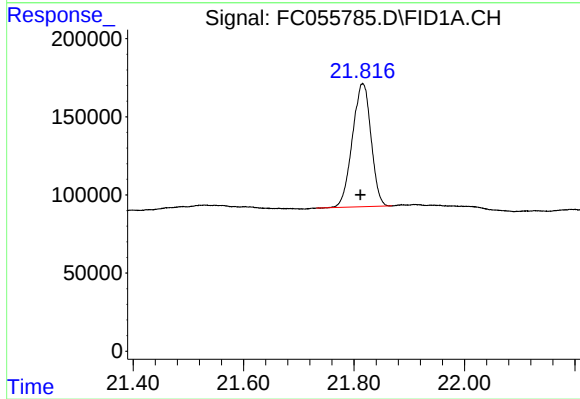
Response: 1906018

Conc: 22.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.884 min
Delta R.T.: 0.002 min
Response: 1868134
Conc: 24.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.816 min
Delta R.T.: 0.004 min
Response: 1846404
Conc: 26.36 ug/ml