

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090821AL\
 Data File : FC055537.D
 Signal(s) : FID1A.CH
 Acq On : 08 Sep 2021 10:31
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 08 14:56:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.657	2348040	18.795 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	13.090	1806481	18.253 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
Target Compounds			
1) T n-Nonane (C9)	3.400	2258687	20.895 ug/ml
2) T n-Decane (C10)	4.469	2302832	21.119 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2560467	20.779 ug/ml
4) T n-Dodecane (C12)	6.492	2300540	21.010 ug/ml
5) T A~2-methylnaphthalene...	7.120	2567948	20.635 ug/ml
6) T n-Tetradecane (C14)	8.289	2304553	20.692 ug/ml
7) T n-Hexadecane (C16)	9.891	2277638	20.153 ug/ml
8) T n-Octadecane (C18)	11.335	2277027	19.558 ug/ml
10) T n-Eicosane (C20)	12.645	2184718	18.697 ug/ml
11) T n-Heneicosane (C21)	13.256	2159893	18.352 ug/ml
13) T n-Docosane (C22)	13.843	2097796	17.983 ug/ml
14) T n-Tetracosane (C24)	14.945	2005417	17.220 ug/ml
15) T n-Hexacosane (C26)	15.966	1878432	16.582 ug/ml
16) T n-Octacosane (C28)	16.915	1795323	16.225 ug/ml
17) T n-Tricontane (C30)	17.802	1742225	16.385 ug/ml
18) T n-Dotriacontane (C32)	18.634	1694666	16.909 ug/ml
19) T n-Tetratriacontane (C34)	19.416	1677368	17.773 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1637040	18.854 ug/ml
21) T n-Octatriacontane (C38)	20.903	1606842	19.714 ug/ml
22) T n-Tetracontane (C40)	21.837	1672452	20.824 ug/ml

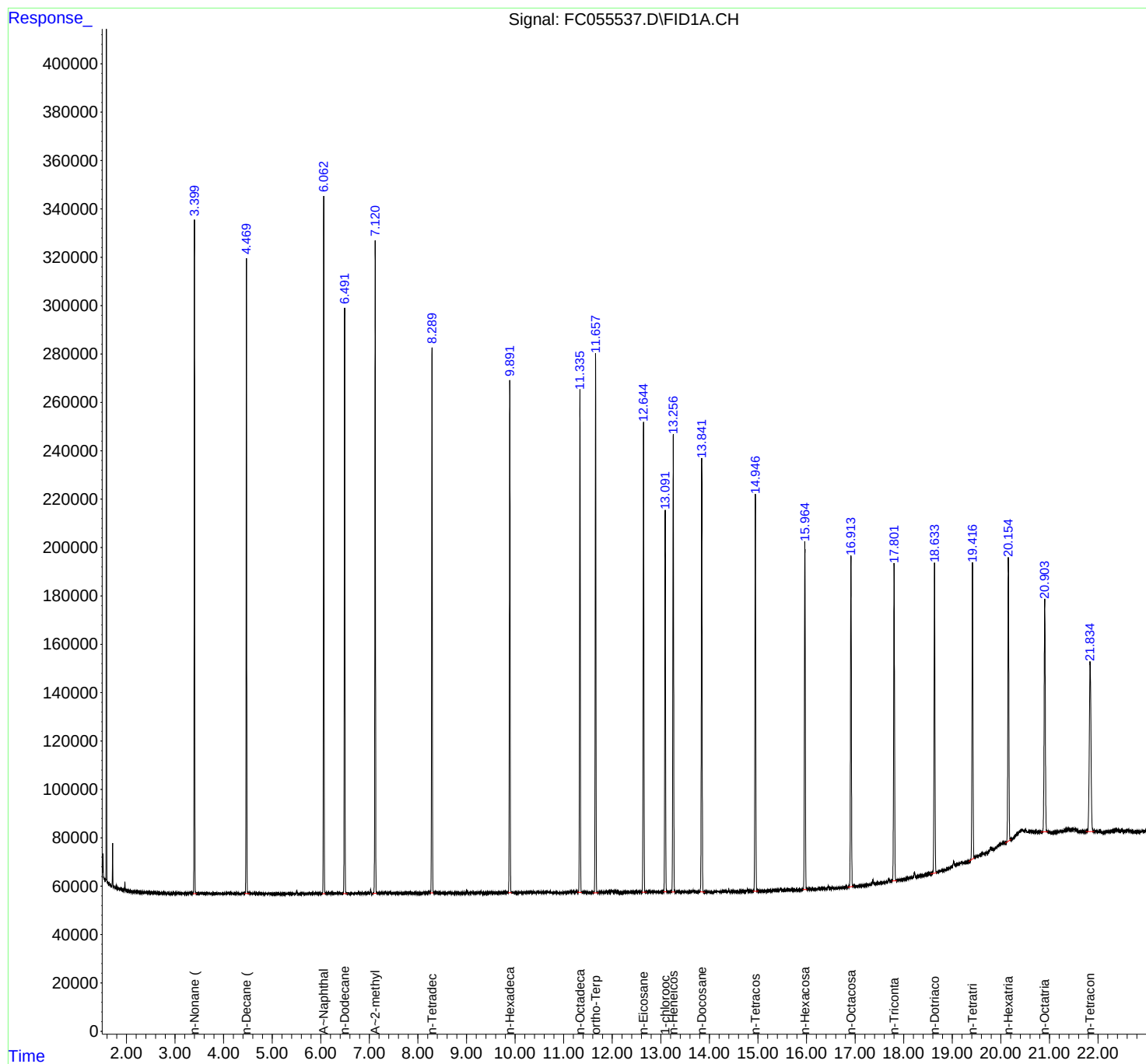
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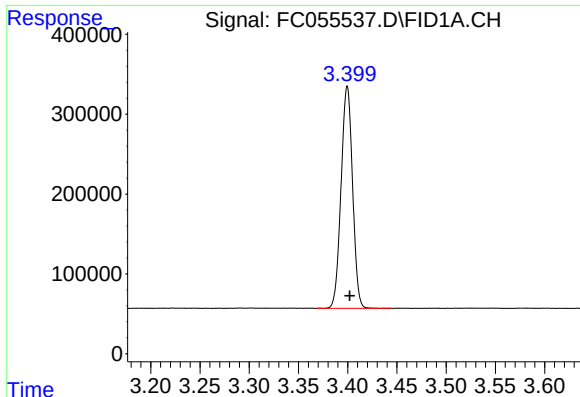
(m)=manual int.

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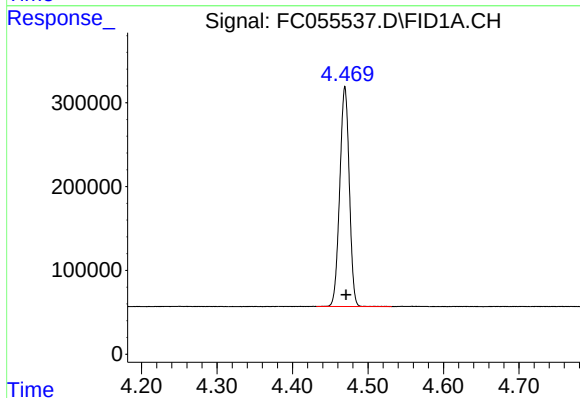
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





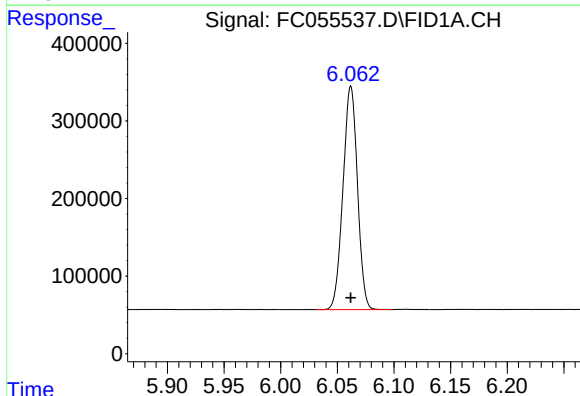
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.002 min
Response: 2258687
Conc: 20.90 ug/ml



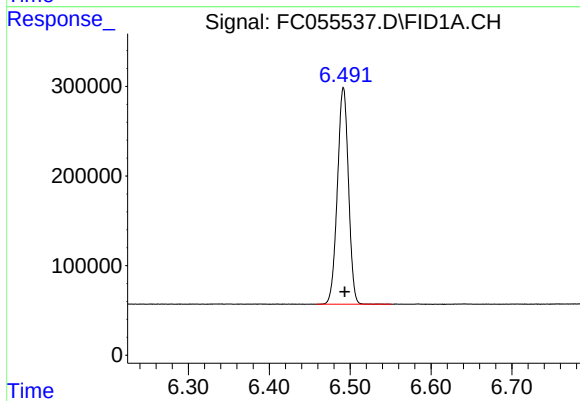
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 2302832
Conc: 21.12 ug/ml



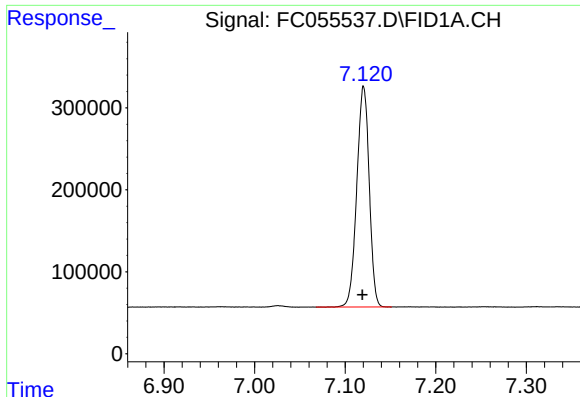
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 2560467
Conc: 20.78 ug/ml



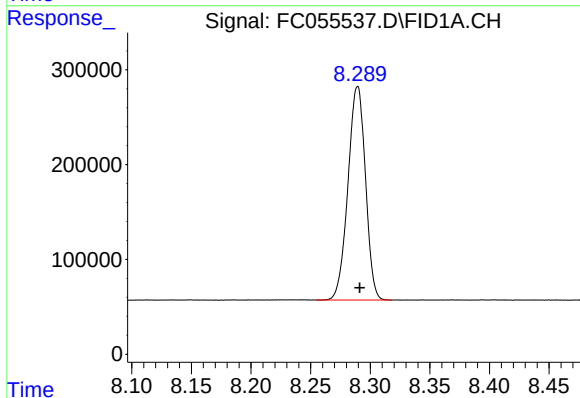
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 2300540
Conc: 21.01 ug/ml



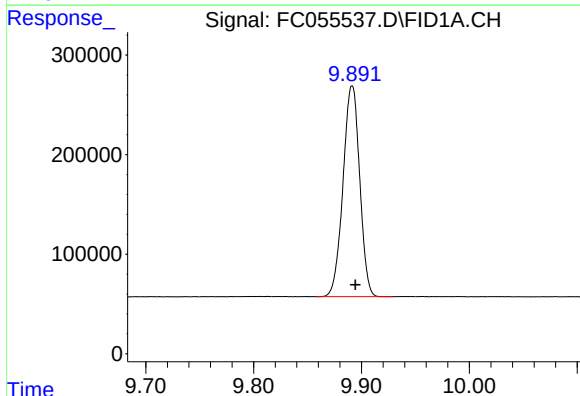
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: 0.001 min
Response: 2567948
Conc: 20.63 ug/ml



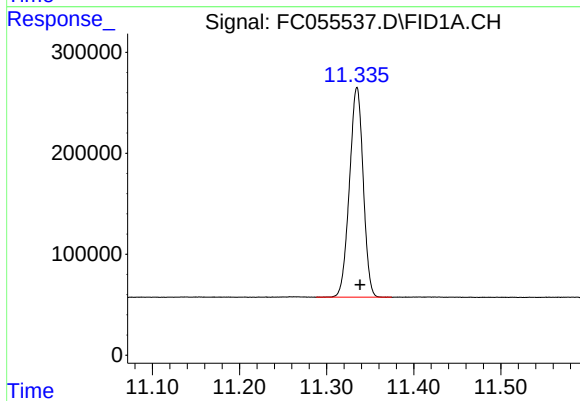
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.002 min
Response: 2304553
Conc: 20.69 ug/ml



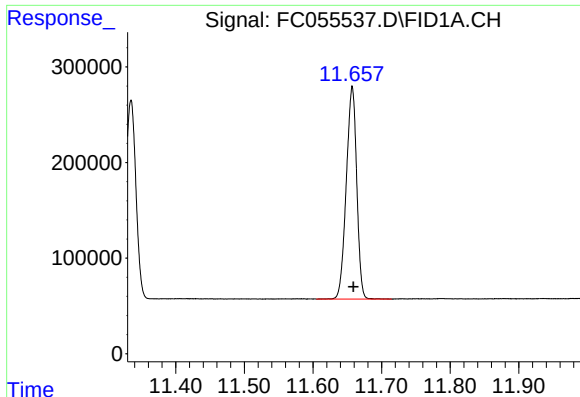
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: -0.003 min
Response: 2277638
Conc: 20.15 ug/ml



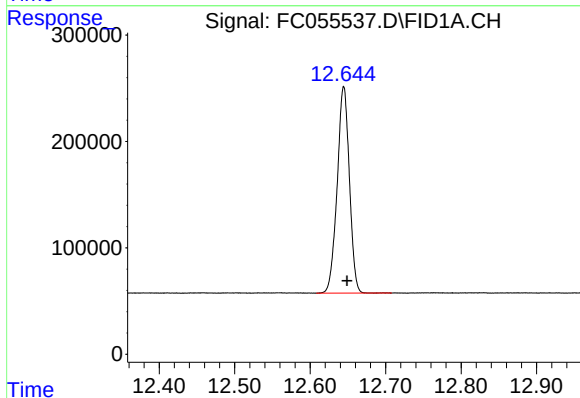
#8 n-Octadecane (C18)

R.T.: 11.335 min
Delta R.T.: -0.003 min
Response: 2277027
Conc: 19.56 ug/ml



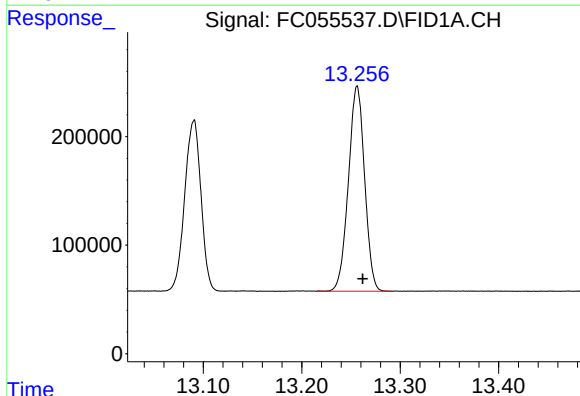
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.002 min
Response: 2348040
Conc: 18.80 ug/ml



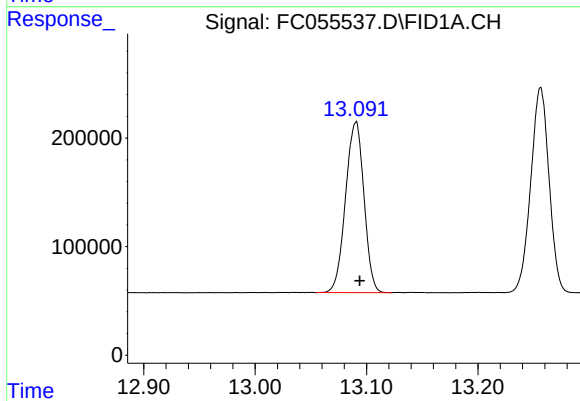
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: -0.004 min
Response: 2184718
Conc: 18.70 ug/ml



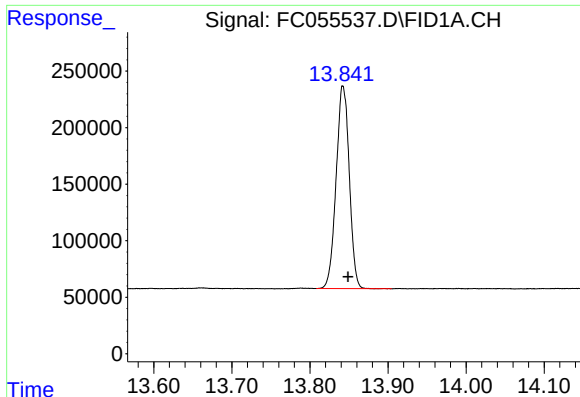
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: -0.006 min
Response: 2159893
Conc: 18.35 ug/ml



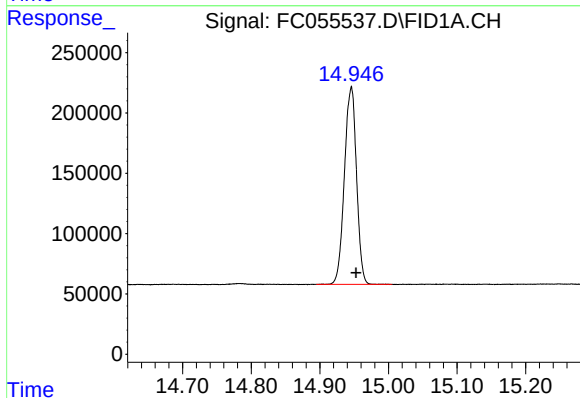
#12 1-chlorooctadecane (SURR)

R.T.: 13.090 min
Delta R.T.: -0.004 min
Response: 1806481
Conc: 18.25 ug/ml



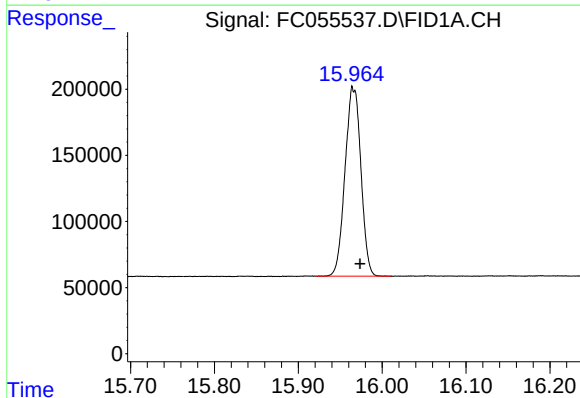
#13 n-Docosane (C22)

R.T.: 13.843 min
Delta R.T.: -0.006 min
Response: 2097796
Conc: 17.98 ug/ml



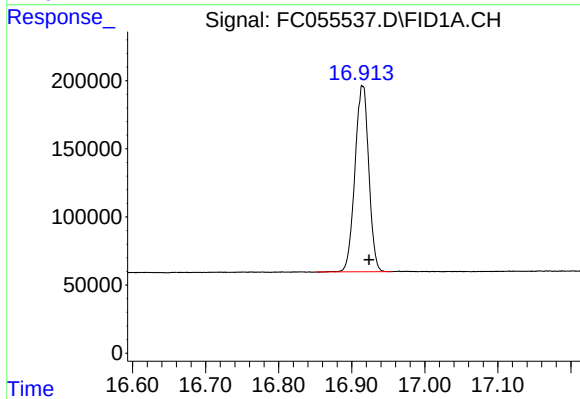
#14 n-Tetracosane (C24)

R.T.: 14.945 min
Delta R.T.: -0.007 min
Response: 2005417
Conc: 17.22 ug/ml



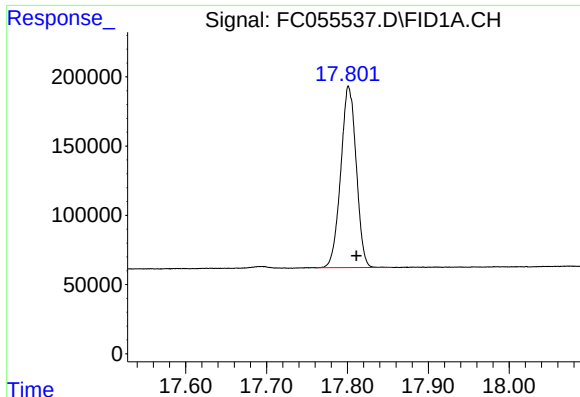
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: -0.008 min
Response: 1878432
Conc: 16.58 ug/ml



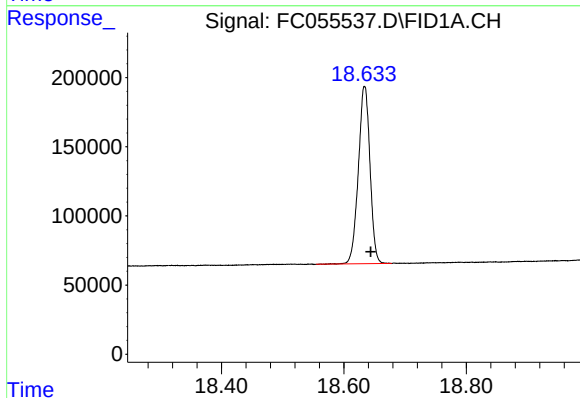
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: -0.009 min
Response: 1795323
Conc: 16.22 ug/ml



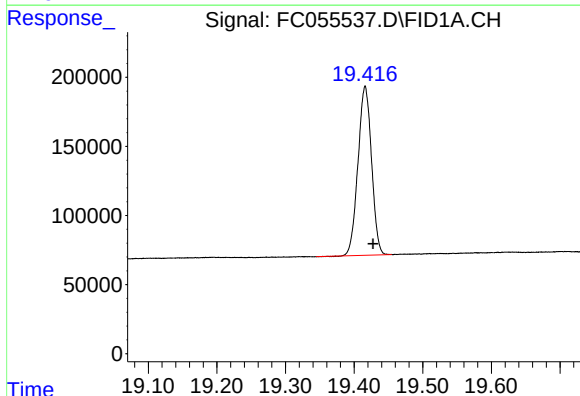
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: -0.009 min
Response: 1742225
Conc: 16.38 ug/ml



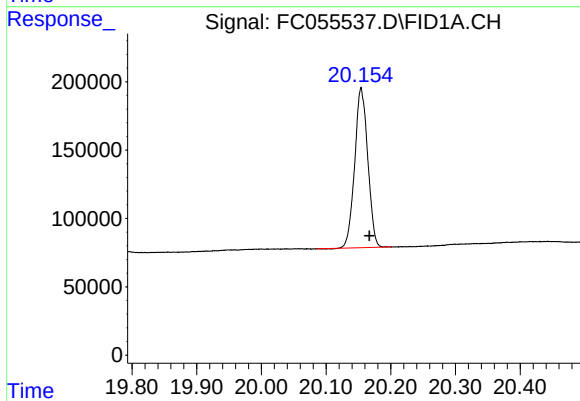
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: -0.010 min
Response: 1694666
Conc: 16.91 ug/ml



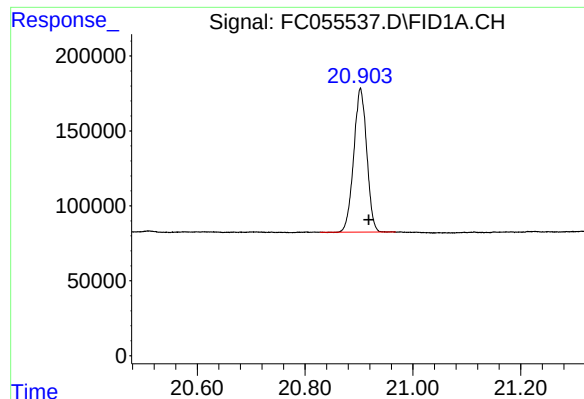
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.011 min
Response: 1677368
Conc: 17.77 ug/ml



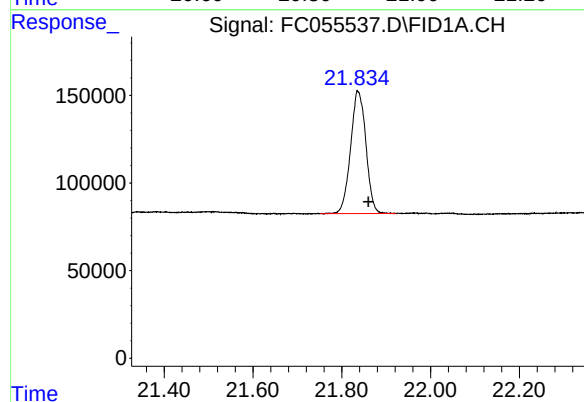
#20 n-Hexatriacontane (C36)

R.T.: 20.154 min
Delta R.T.: -0.013 min
Response: 1637040
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: -0.015 min
Response: 1606842
Conc: 19.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.837 min
Delta R.T.: -0.023 min
Response: 1672452
Conc: 20.82 ug/ml