

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090821AL\
 Data File : FC055552.D
 Signal(s) : FID1A.CH
 Acq On : 08 Sep 2021 21:25
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 09 01:05:46 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)	11.655	2393696	19.161 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
12) S 1-chlorooctadecane (S...	13.088	1844623	18.639 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
Target Compounds			
1) T n-Nonane (C9)	3.400	2314452	21.411 ug/ml
2) T n-Decane (C10)	4.468	2358772	21.632 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2631067	21.352 ug/ml
4) T n-Dodecane (C12)	6.491	2364477	21.594 ug/ml
5) T A~2-methylnaphthalene...	7.119	2638634	21.203 ug/ml
6) T n-Tetradecane (C14)	8.287	2371581	21.293 ug/ml
7) T n-Hexadecane (C16)	9.890	2347951	20.776 ug/ml
8) T n-Octadecane (C18)	11.334	2337211	20.074 ug/ml
10) T n-Eicosane (C20)	12.643	2231911	19.101 ug/ml
11) T n-Heneicosane (C21)	13.254	2210582	18.782 ug/ml
13) T n-Docosane (C22)	13.841	2135361	18.305 ug/ml
14) T n-Tetracosane (C24)	14.943	2049210	17.596 ug/ml
15) T n-Hexacosane (C26)	15.963	1914174	16.897 ug/ml
16) T n-Octacosane (C28)	16.912	1848100	16.701 ug/ml
17) T n-Tricontane (C30)	17.799	1787440	16.810 ug/ml
18) T n-Dotriacontane (C32)	18.632	1751293	17.474 ug/ml
19) T n-Tetratriacontane (C34)	19.414	1739341	18.429 ug/ml
20) T n-Hexatriacontane (C36)	20.153	1705653	19.645 ug/ml
21) T n-Octatriacontane (C38)	20.901	1673076	20.526 ug/ml
22) T n-Tetracontane (C40)	21.835	1713135	21.330 ug/ml

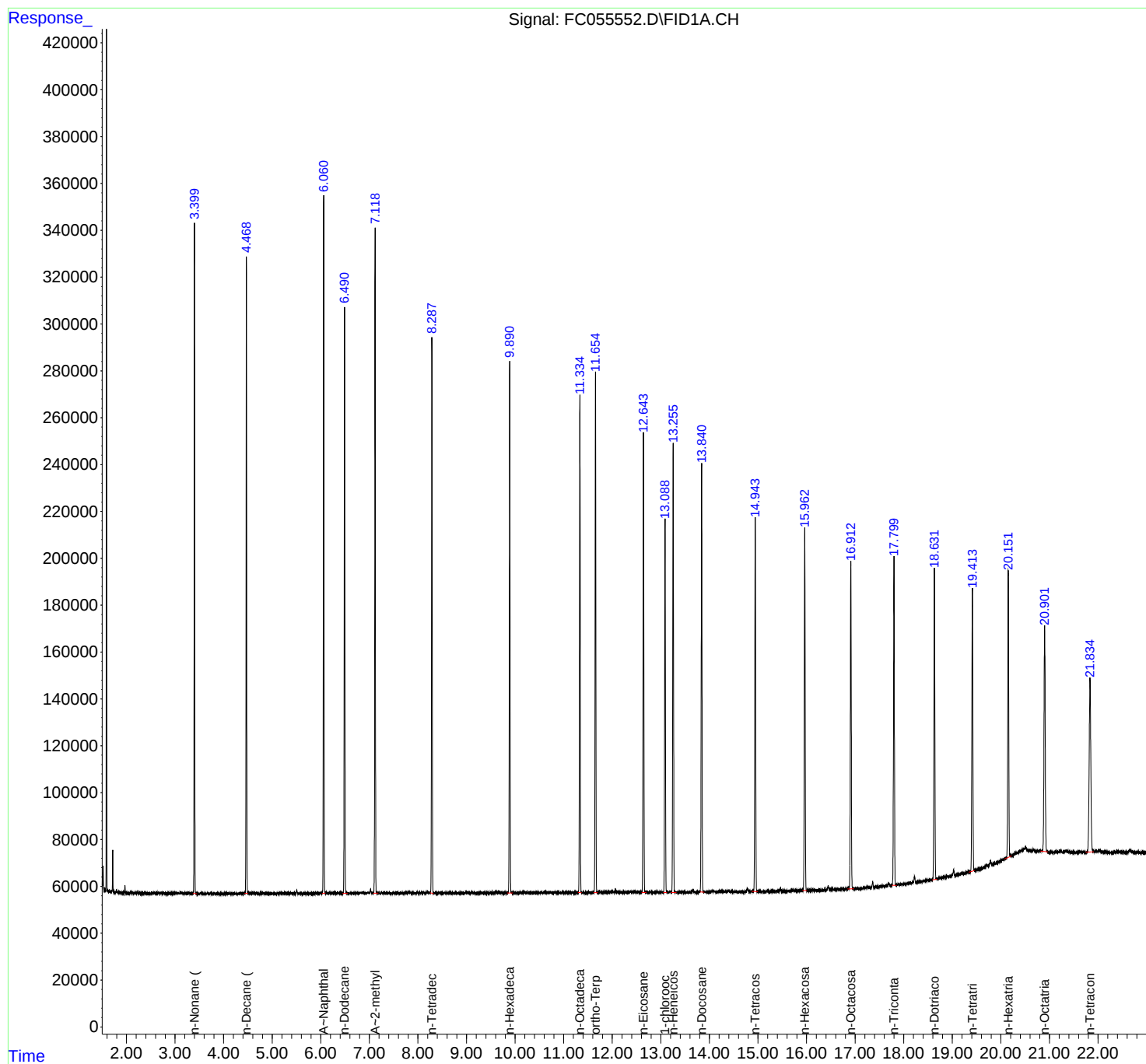
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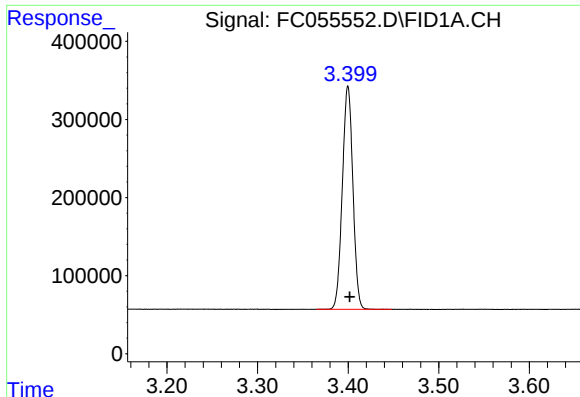
(m)=manual int.

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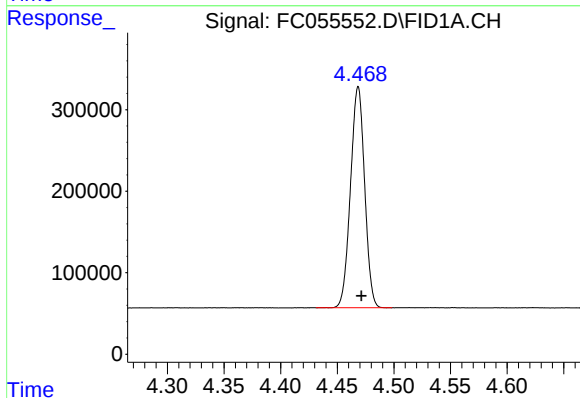
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





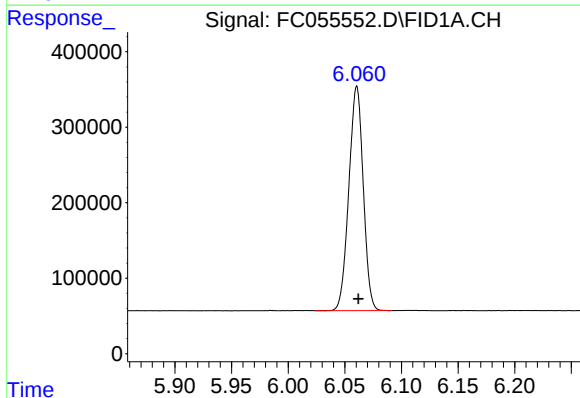
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.002 min
Response: 2314452
Conc: 21.41 ug/ml



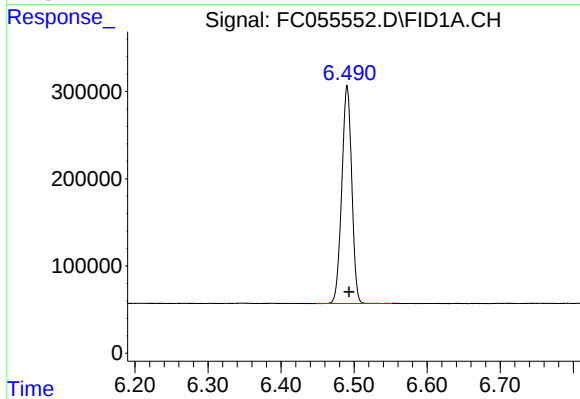
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 2358772
Conc: 21.63 ug/ml



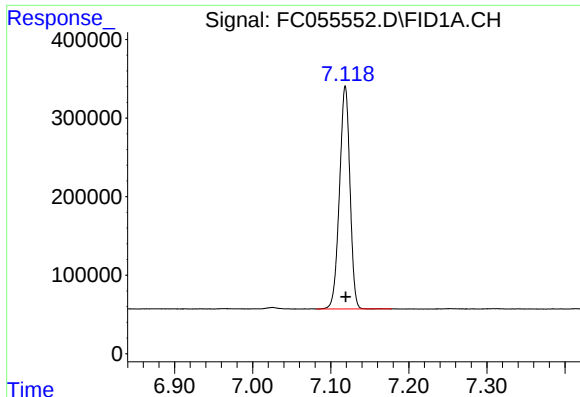
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 2631067
Conc: 21.35 ug/ml



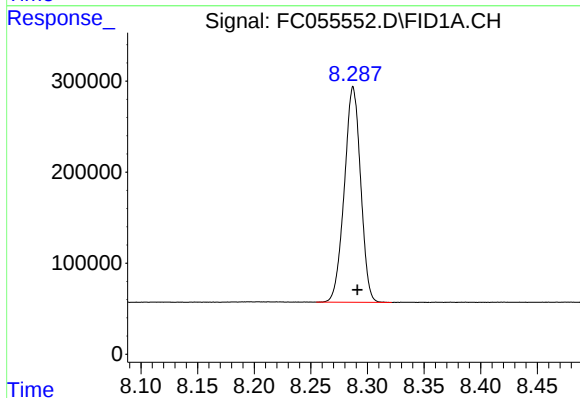
#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 2364477
Conc: 21.59 ug/ml



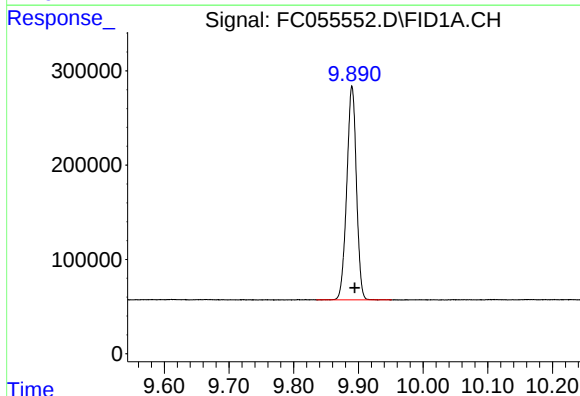
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 2638634
Conc: 21.20 ug/ml



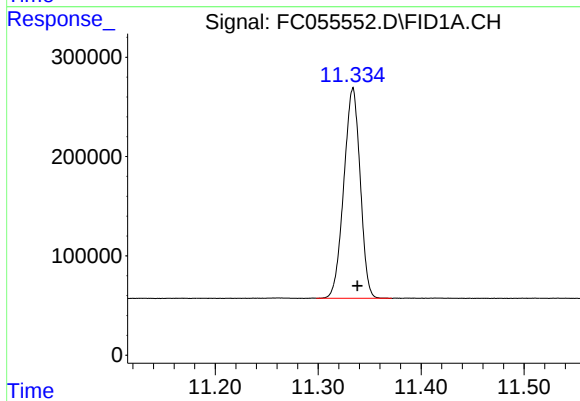
#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: -0.004 min
Response: 2371581
Conc: 21.29 ug/ml



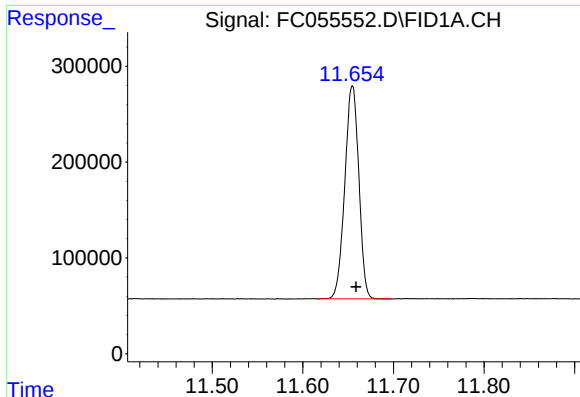
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.004 min
Response: 2347951
Conc: 20.78 ug/ml



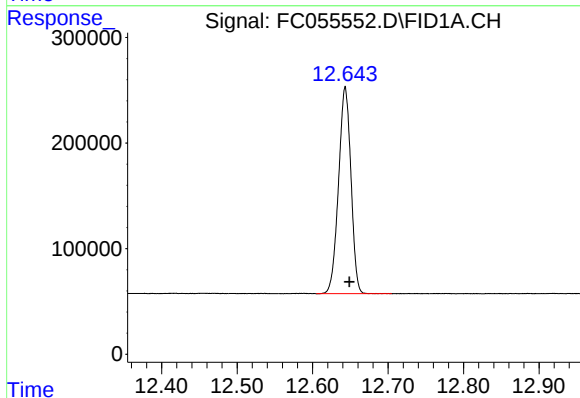
#8 n-Octadecane (C18)

R.T.: 11.334 min
Delta R.T.: -0.005 min
Response: 2337211
Conc: 20.07 ug/ml



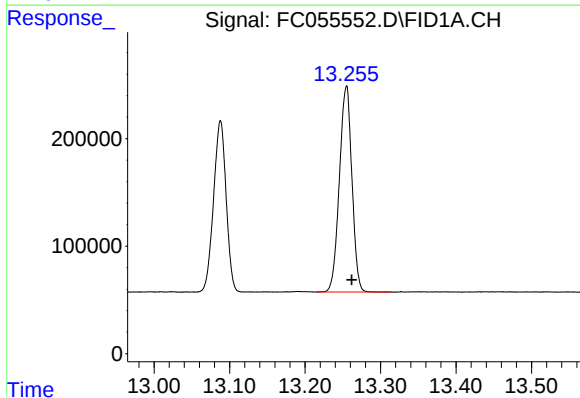
#9 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: -0.004 min
Response: 2393696
Conc: 19.16 ug/ml



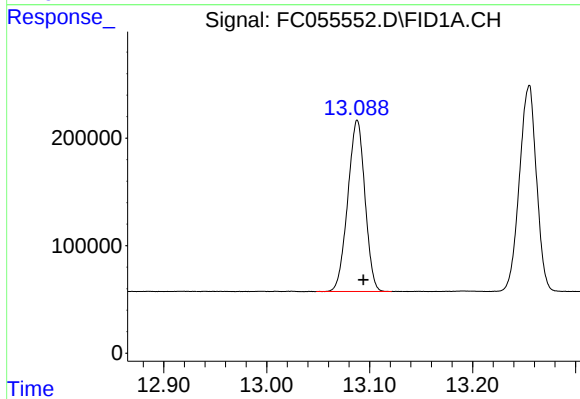
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: -0.006 min
Response: 2231911
Conc: 19.10 ug/ml



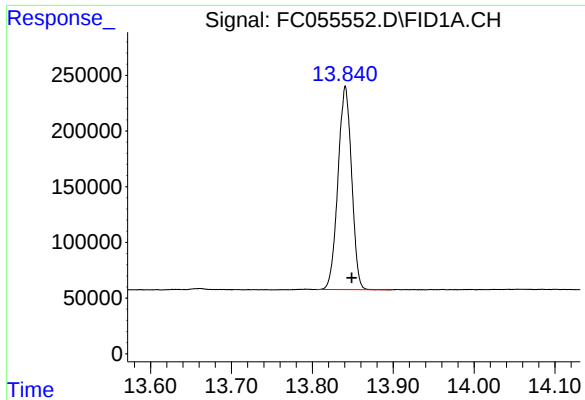
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.008 min
Response: 2210582
Conc: 18.78 ug/ml



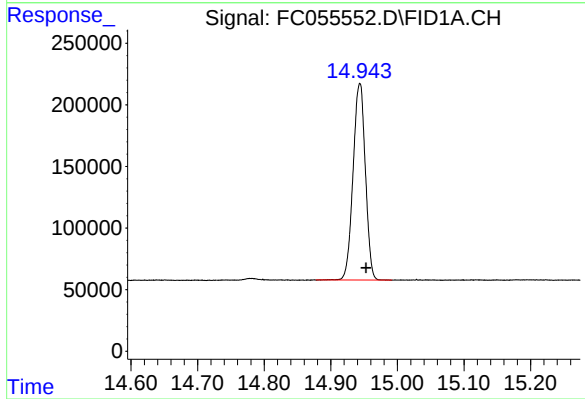
#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.006 min
Response: 1844623
Conc: 18.64 ug/ml



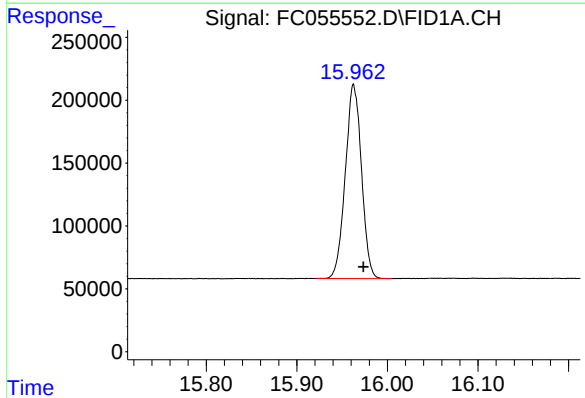
#13 n-Docosane (C22)

R.T.: 13.841 min
Delta R.T.: -0.008 min
Response: 2135361
Conc: 18.31 ug/ml



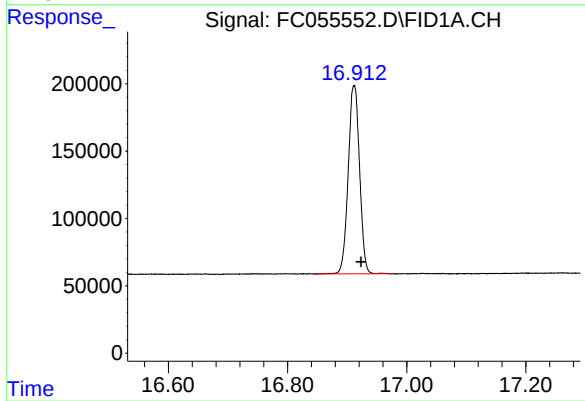
#14 n-Tetracosane (C24)

R.T.: 14.943 min
Delta R.T.: -0.009 min
Response: 2049210
Conc: 17.60 ug/ml



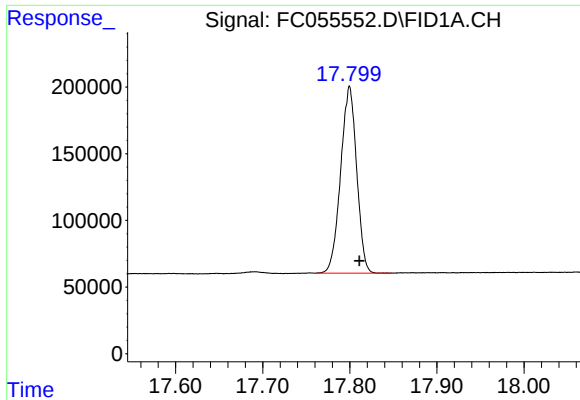
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: -0.011 min
Response: 1914174
Conc: 16.90 ug/ml



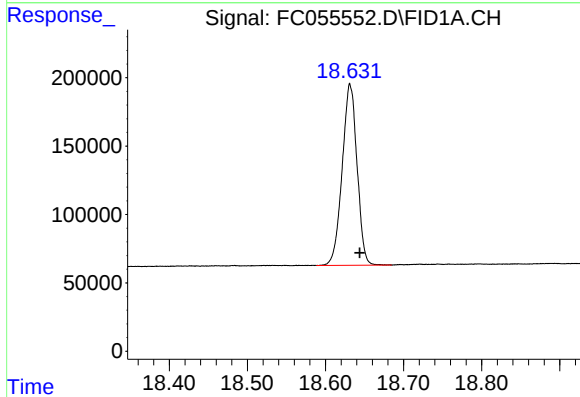
#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: -0.012 min
Response: 1848100
Conc: 16.70 ug/ml



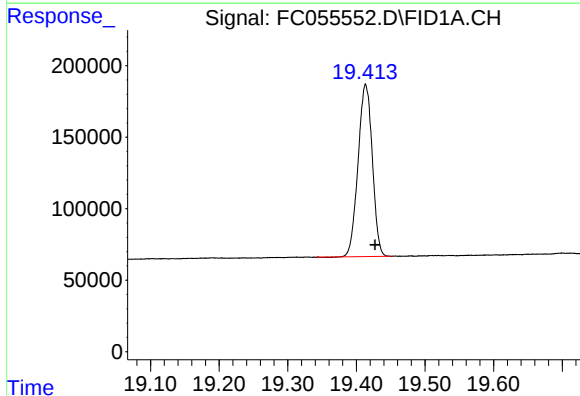
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.011 min
Response: 1787440
Conc: 16.81 ug/ml



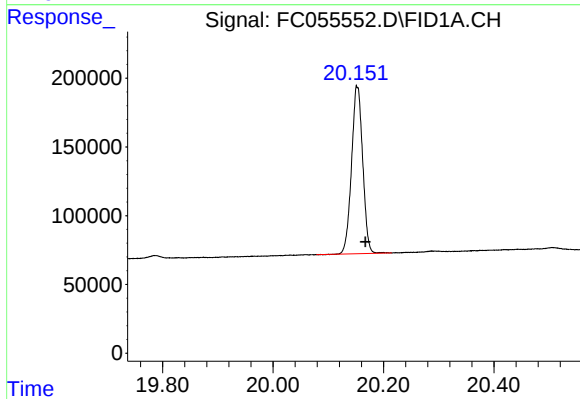
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: -0.012 min
Response: 1751293
Conc: 17.47 ug/ml



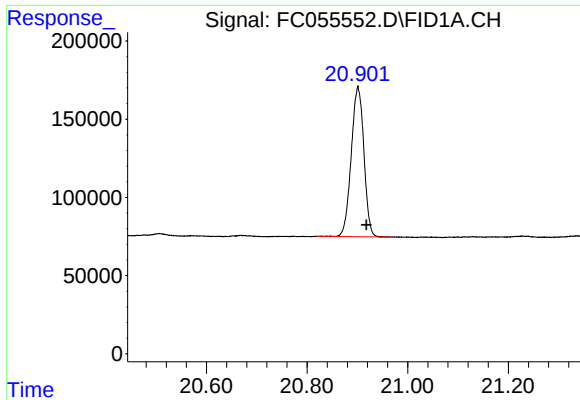
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.014 min
Response: 1739341
Conc: 18.43 ug/ml



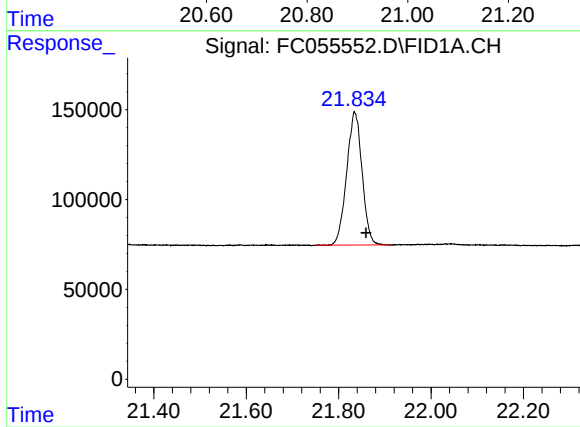
#20 n-Hexatriacontane (C36)

R.T.: 20.153 min
Delta R.T.: -0.015 min
Response: 1705653
Conc: 19.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.901 min
Delta R.T.: -0.017 min
Response: 1673076
Conc: 20.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.835 min
Delta R.T.: -0.025 min
Response: 1713135
Conc: 21.33 ug/ml