

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091621AL\
 Data File : FC055678.D
 Signal(s) : FID1A.CH
 Acq On : 16 Sep 2021 18:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 02:07:12 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)	11.651	2482728	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	13.083	1913521	19.335 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.399	2500463	23.132 ug/ml
2) T n-Decane (C10)	4.468	2558986	23.468 ug/ml
3) T A~Naphthalene (C11.7)	6.059	2842993	23.072 ug/ml
4) T n-Dodecane (C12)	6.489	2557996	23.362 ug/ml
5) T A~2-methylnaphthalene...	7.117	2832806	22.763 ug/ml
6) T n-Tetradecane (C14)	8.285	2555361	22.943 ug/ml
7) T n-Hexadecane (C16)	9.887	2507023	22.183 ug/ml
8) T n-Octadecane (C18)	11.329	2459543	21.125 ug/ml
10) T n-Eicosane (C20)	12.637	2324485	19.893 ug/ml
11) T n-Heneicosane (C21)	13.249	2289752	19.455 ug/ml
13) T n-Docosane (C22)	13.836	2215131	18.989 ug/ml
14) T n-Tetracosane (C24)	14.937	2123346	18.233 ug/ml
15) T n-Hexacosane (C26)	15.957	2018875	17.821 ug/ml
16) T n-Octacosane (C28)	16.905	1999231	18.067 ug/ml
17) T n-Tricontane (C30)	17.791	1960465	18.437 ug/ml
18) T n-Dotriacontane (C32)	18.621	1973513	19.692 ug/ml
19) T n-Tetratriacontane (C34)	19.404	1937690	20.531 ug/ml
20) T n-Hexatriacontane (C36)	20.141	1891456	21.785 ug/ml
21) T n-Octatriacontane (C38)	20.885	1795520	22.028 ug/ml
22) T n-Tetracontane (C40)	21.814	1856931	23.120 ug/ml

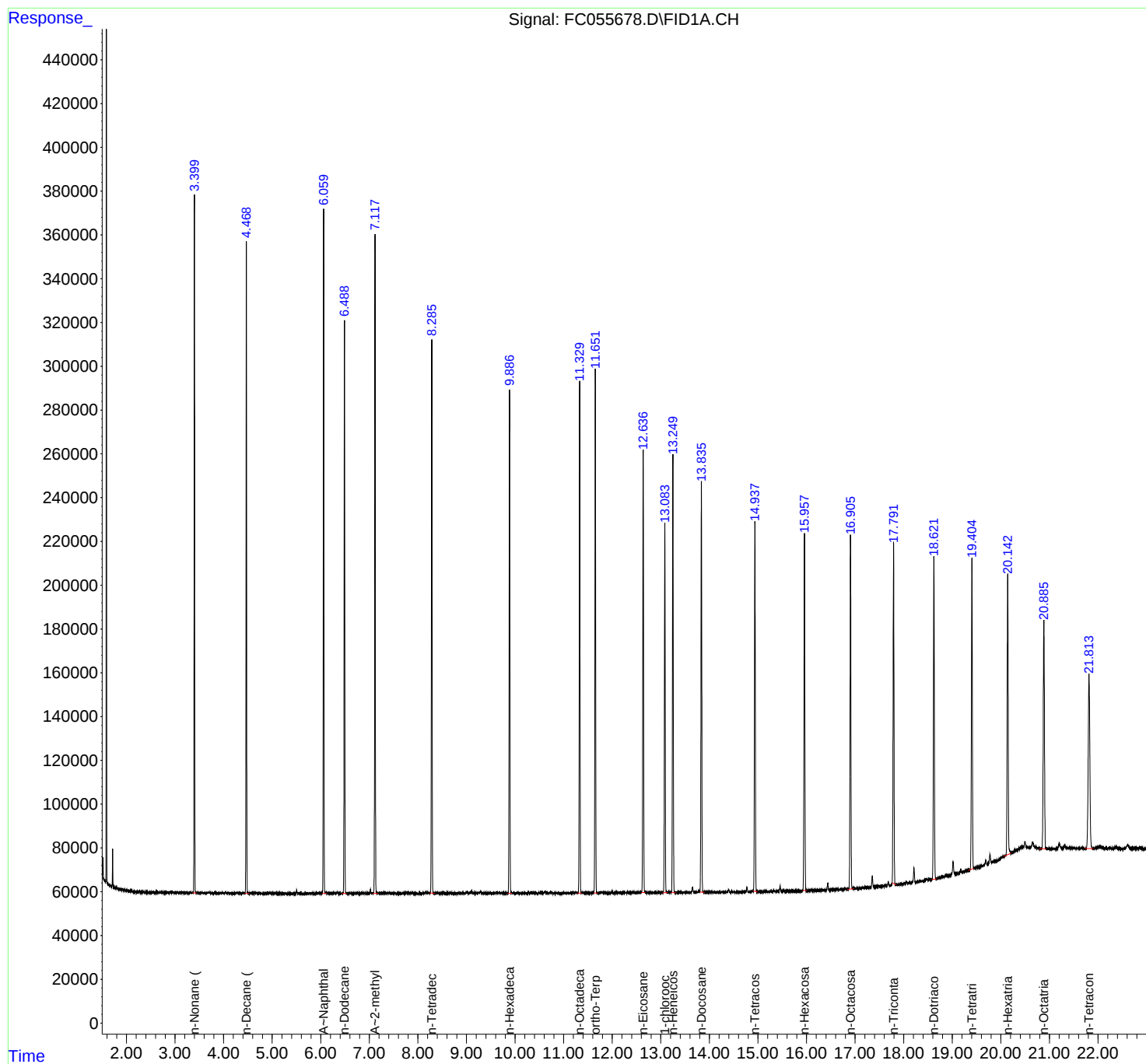
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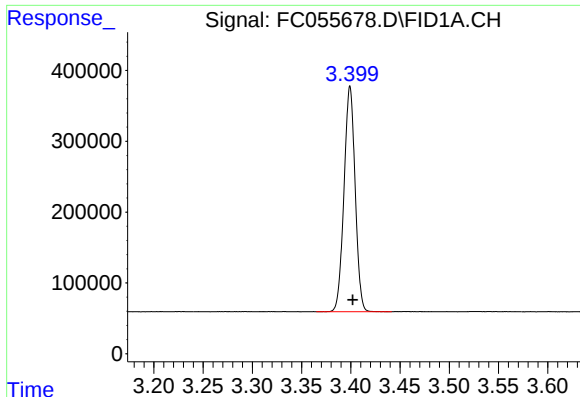
(m)=manual int.

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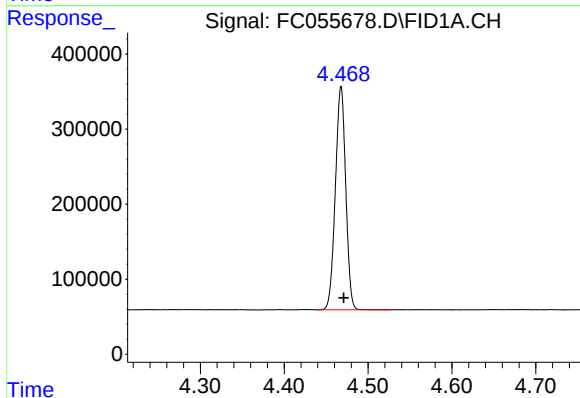
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Signal Info : 20M x 0.18mm x 0.18um





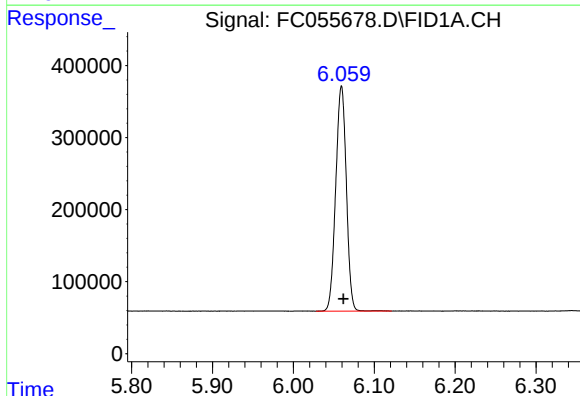
#1 n-Nonane (C9)

R.T.: 3.399 min
Delta R.T.: -0.003 min
Response: 2500463
Conc: 23.13 ug/ml



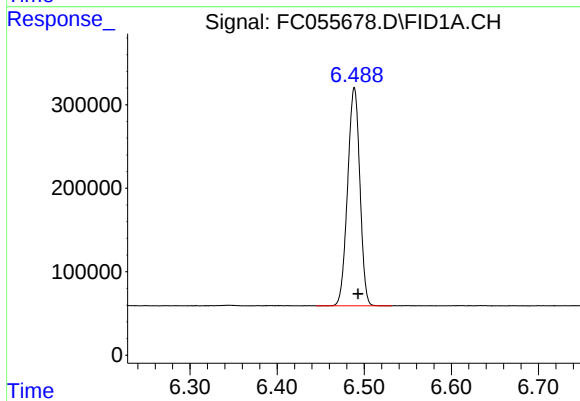
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 2558986
Conc: 23.47 ug/ml



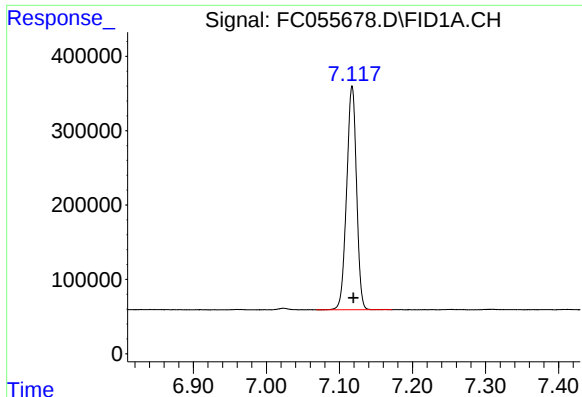
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 2842993
Conc: 23.07 ug/ml



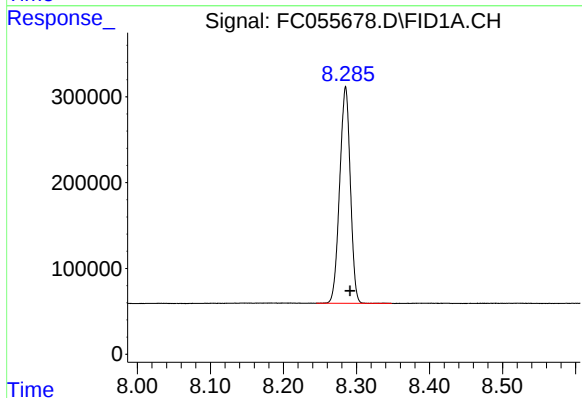
#4 n-Dodecane (C12)

R.T.: 6.489 min
Delta R.T.: -0.005 min
Response: 2557996
Conc: 23.36 ug/ml



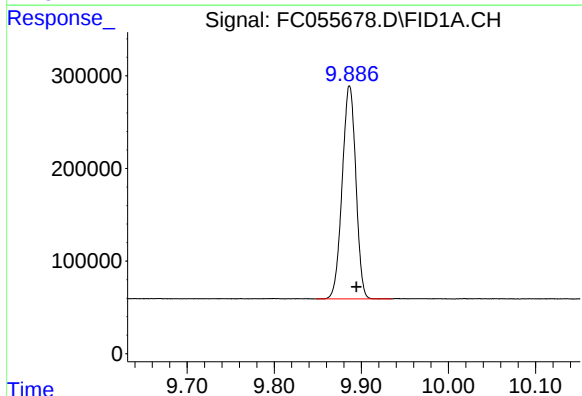
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 2832806
Conc: 22.76 ug/ml



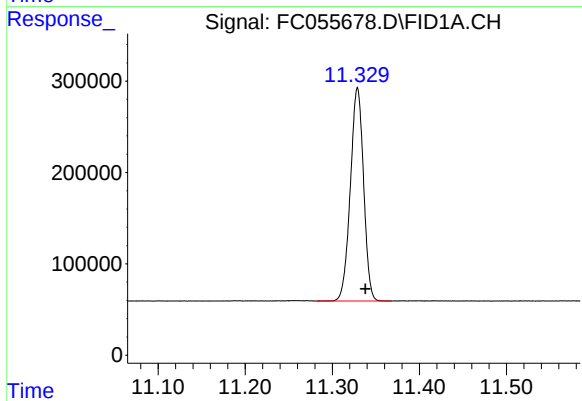
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 2555361
Conc: 22.94 ug/ml



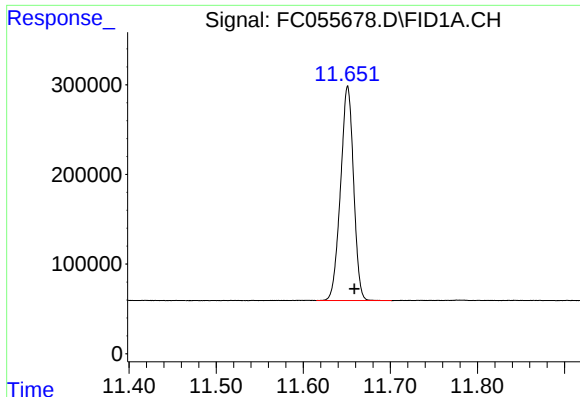
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.008 min
Response: 2507023
Conc: 22.18 ug/ml



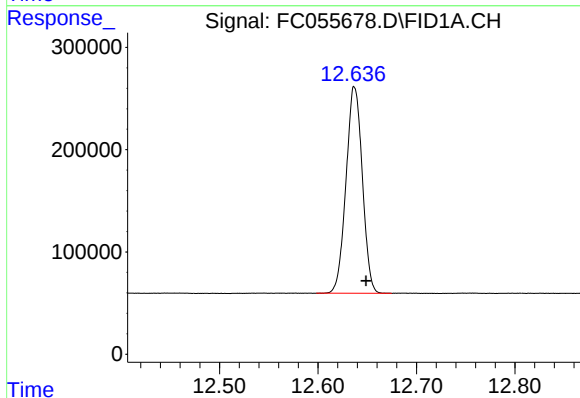
#8 n-Octadecane (C18)

R.T.: 11.329 min
Delta R.T.: -0.009 min
Response: 2459543
Conc: 21.13 ug/ml



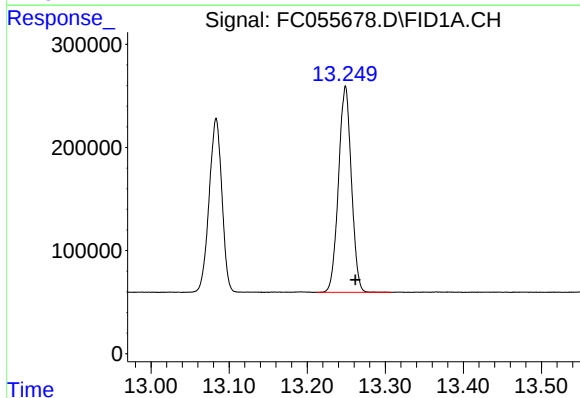
#9 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: -0.008 min
Response: 2482728
Conc: 19.87 ug/ml



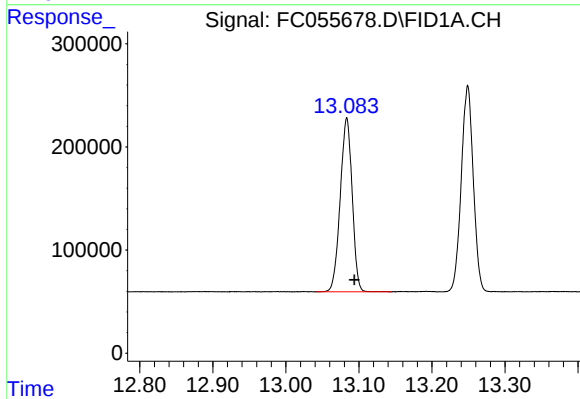
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: -0.012 min
Response: 2324485
Conc: 19.89 ug/ml



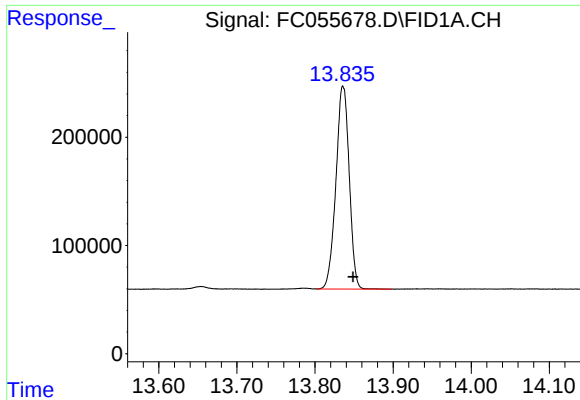
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.013 min
Response: 2289752
Conc: 19.45 ug/ml



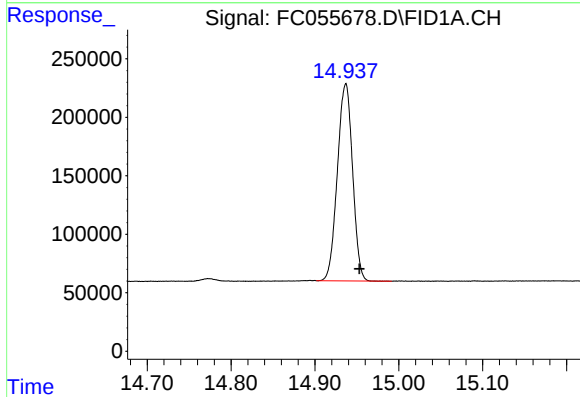
#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min
Delta R.T.: -0.011 min
Response: 1913521
Conc: 19.33 ug/ml



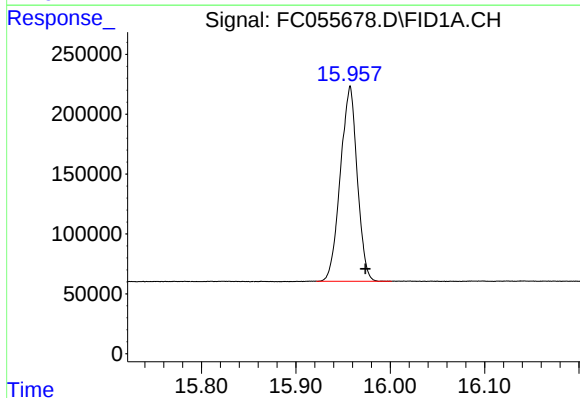
#13 n-Docosane (C22)

R.T.: 13.836 min
Delta R.T.: -0.013 min
Response: 2215131
Conc: 18.99 ug/ml



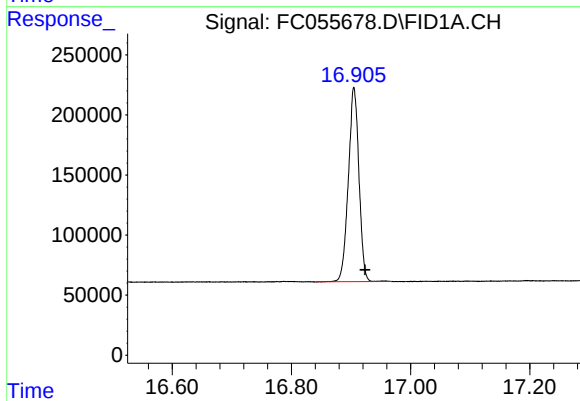
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.016 min
Response: 2123346
Conc: 18.23 ug/ml



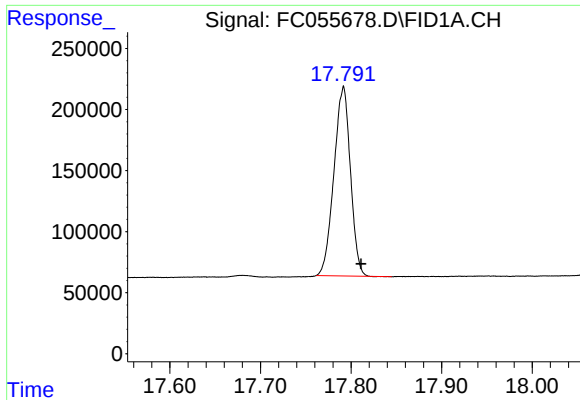
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.016 min
Response: 2018875
Conc: 17.82 ug/ml



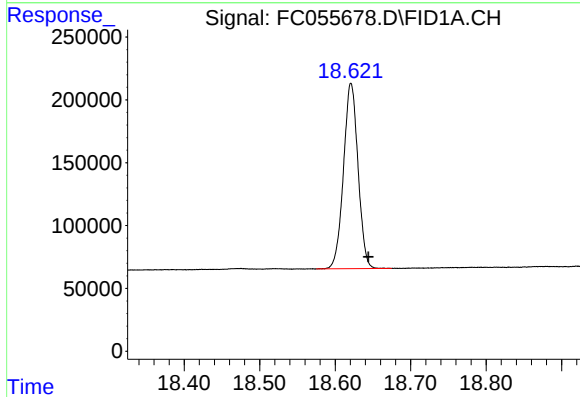
#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: -0.018 min
Response: 1999231
Conc: 18.07 ug/ml



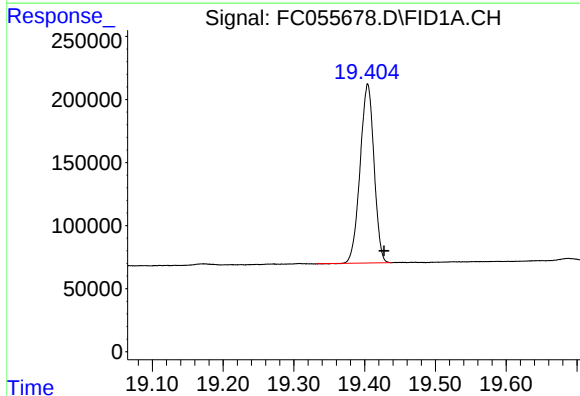
#17 n-Tricontane (C30)

R.T.: 17.791 min
Delta R.T.: -0.020 min
Response: 1960465
Conc: 18.44 ug/ml



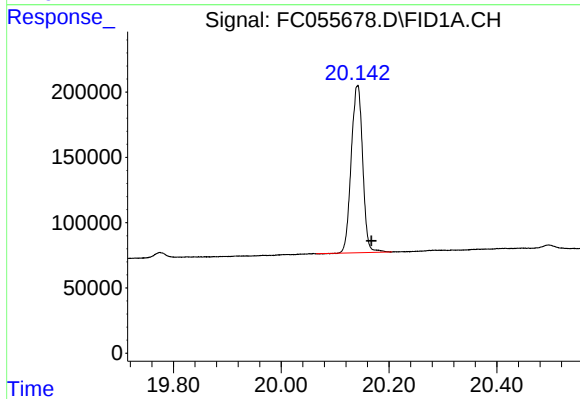
#18 n-Dotriacontane (C32)

R.T.: 18.621 min
Delta R.T.: -0.023 min
Response: 1973513
Conc: 19.69 ug/ml



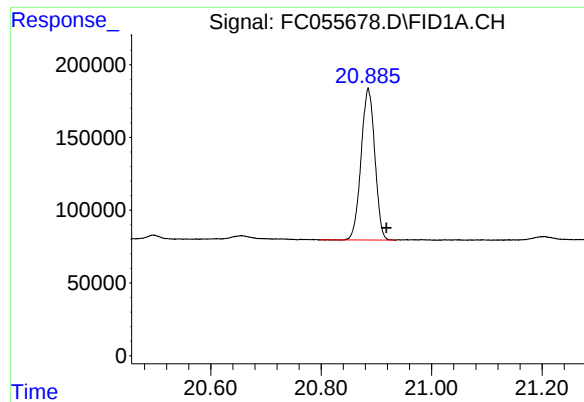
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min
Delta R.T.: -0.023 min
Response: 1937690
Conc: 20.53 ug/ml



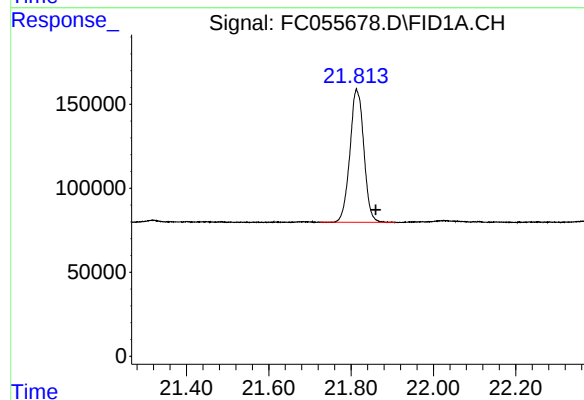
#20 n-Hexatriacontane (C36)

R.T.: 20.141 min
Delta R.T.: -0.026 min
Response: 1891456
Conc: 21.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: -0.033 min
Response: 1795520
Conc: 22.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: -0.046 min
Response: 1856931
Conc: 23.12 ug/ml