

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100621AL\
 Data File : FC056040.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2021 4:09
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 04:48:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.645	2314107	19.502 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	13.075	1791469	19.499 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
Target Compounds			
1) T n-Nonane (C9)	3.392	2393518	22.430 ug/ml
2) T n-Decane (C10)	4.462	2411159	22.557 ug/ml
3) T A~Naphthalene (C11.7)	6.056	2618645	21.764 ug/ml
4) T n-Dodecane (C12)	6.483	2396586	22.080 ug/ml
5) T A~2-methylnaphthalene...	7.115	2574298	21.192 ug/ml
6) T n-Tetradecane (C14)	8.279	2347619	21.219 ug/ml
7) T n-Hexadecane (C16)	9.880	2286337	20.655 ug/ml
8) T n-Octadecane (C18)	11.322	2252883	20.129 ug/ml
10) T n-Eicosane (C20)	12.630	2160053	19.776 ug/ml
11) T n-Heneicosane (C21)	13.241	2139303	19.677 ug/ml
13) T n-Docosane (C22)	13.827	2096270	19.628 ug/ml
14) T n-Tetracosane (C24)	14.928	2059112	19.692 ug/ml
15) T n-Hexacosane (C26)	15.947	2006562	19.971 ug/ml
16) T n-Octacosane (C28)	16.895	1998762	20.664 ug/ml
17) T n-Tricontane (C30)	17.780	2010101	21.664 ug/ml
18) T n-Dotriacontane (C32)	18.611	1994034	22.428 ug/ml
19) T n-Tetratriacontane (C34)	19.391	1976965	22.858 ug/ml
20) T n-Hexatriacontane (C36)	20.128	1904599	23.311 ug/ml
21) T n-Octatriacontane (C38)	20.870	1849820	23.213 ug/ml
22) T n-Tetracontane (C40)	21.797	1839702	22.950 ug/ml

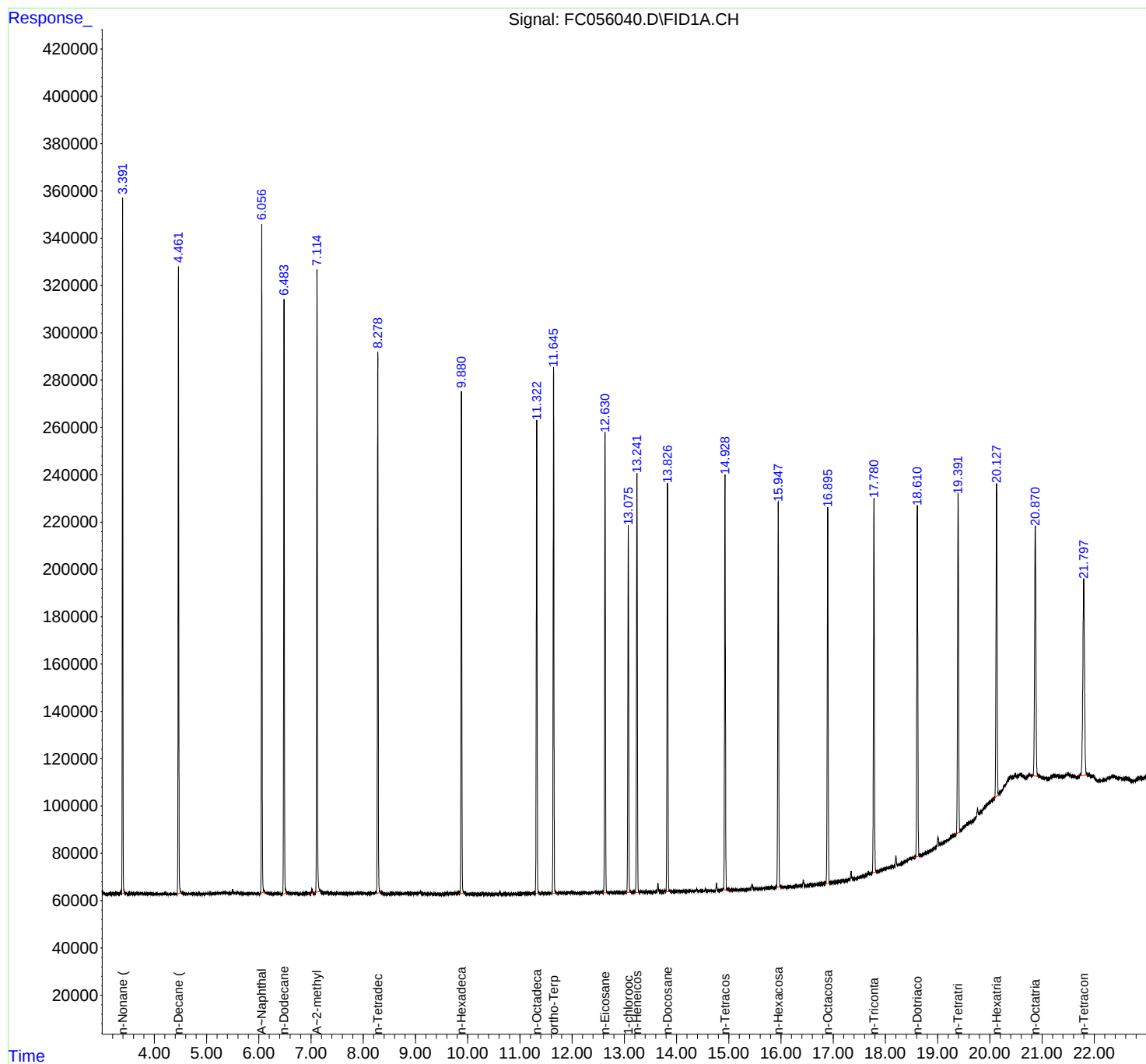
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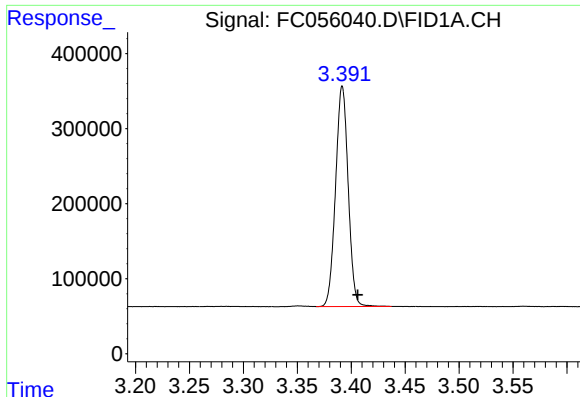
(m)=manual int.

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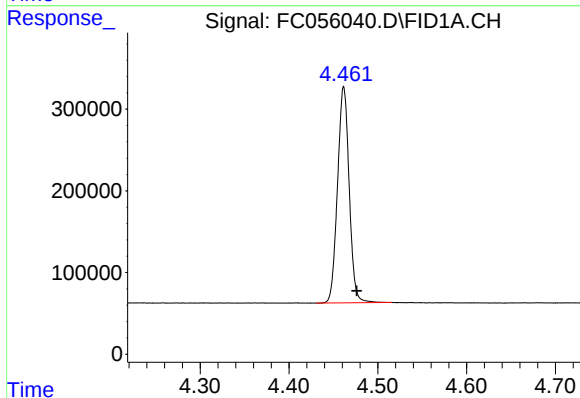
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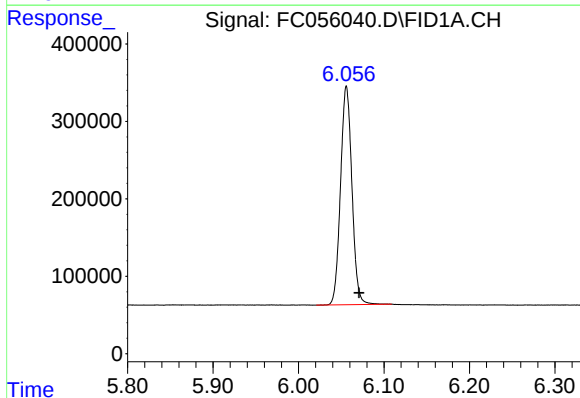
#1 n-Nonane (C9)

R.T.: 3.392 min
Delta R.T.: -0.014 min
Response: 2393518
Conc: 22.43 ug/ml



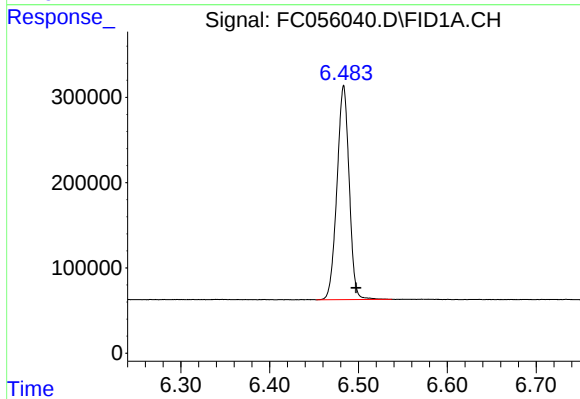
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: -0.014 min
Response: 2411159
Conc: 22.56 ug/ml



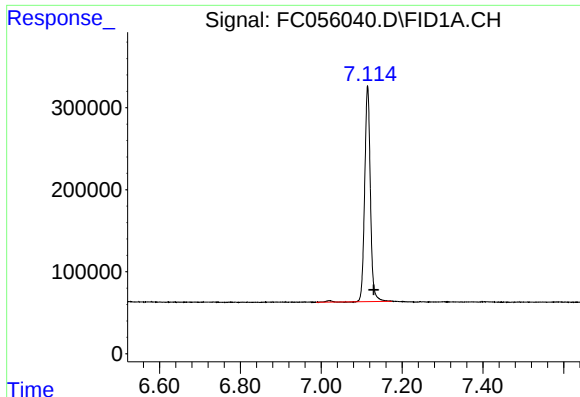
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: -0.015 min
Response: 2618645
Conc: 21.76 ug/ml



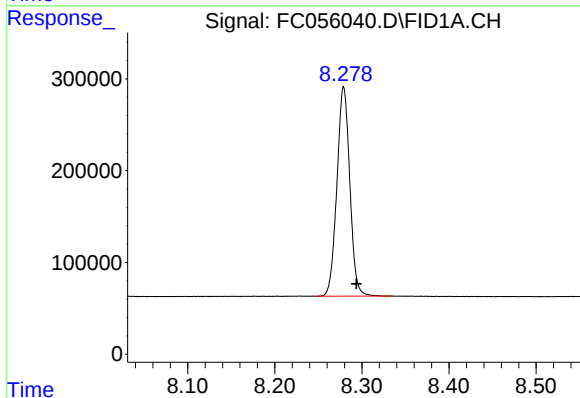
#4 n-Dodecane (C12)

R.T.: 6.483 min
Delta R.T.: -0.014 min
Response: 2396586
Conc: 22.08 ug/ml



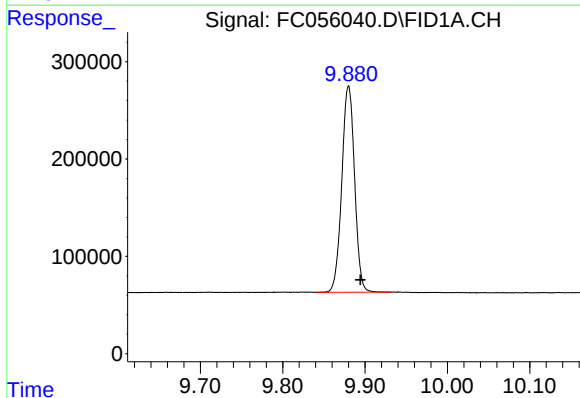
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.015 min
Response: 2574298
Conc: 21.19 ug/ml



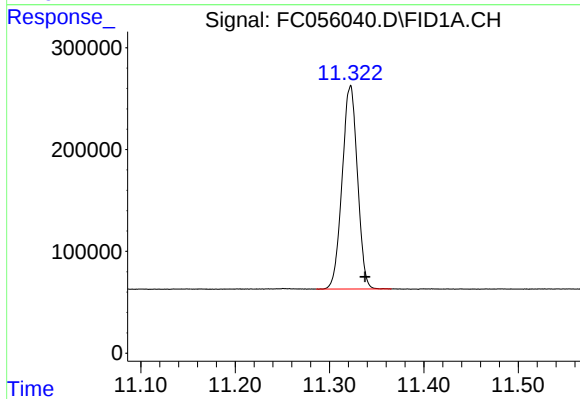
#6 n-Tetradecane (C14)

R.T.: 8.279 min
Delta R.T.: -0.014 min
Response: 2347619
Conc: 21.22 ug/ml



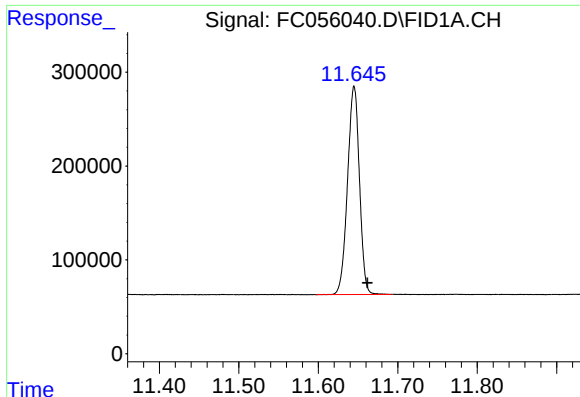
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: -0.014 min
Response: 2286337
Conc: 20.66 ug/ml



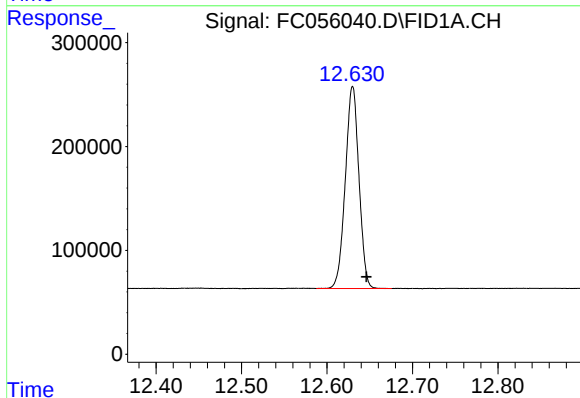
#8 n-Octadecane (C18)

R.T.: 11.322 min
Delta R.T.: -0.016 min
Response: 2252883
Conc: 20.13 ug/ml



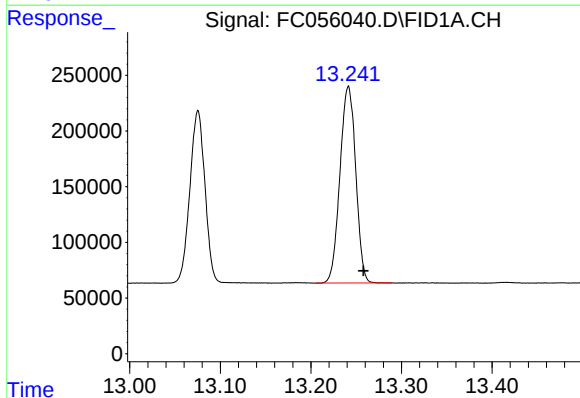
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.017 min
Response: 2314107
Conc: 19.50 ug/ml



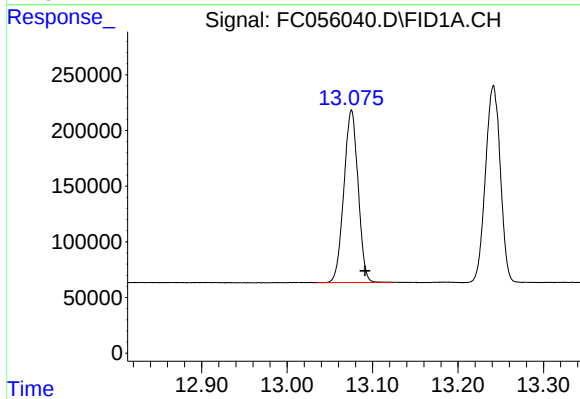
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.016 min
Response: 2160053
Conc: 19.78 ug/ml



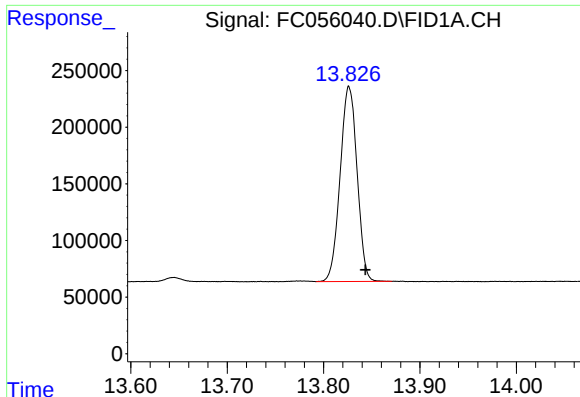
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.016 min
Response: 2139303
Conc: 19.68 ug/ml



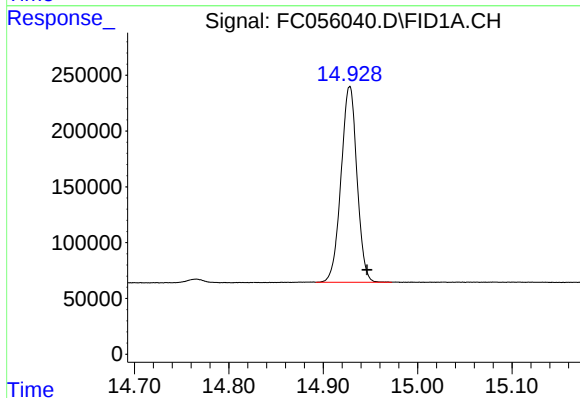
#12 1-chlorooctadecane (SURR)

R.T.: 13.075 min
Delta R.T.: -0.016 min
Response: 1791469
Conc: 19.50 ug/ml



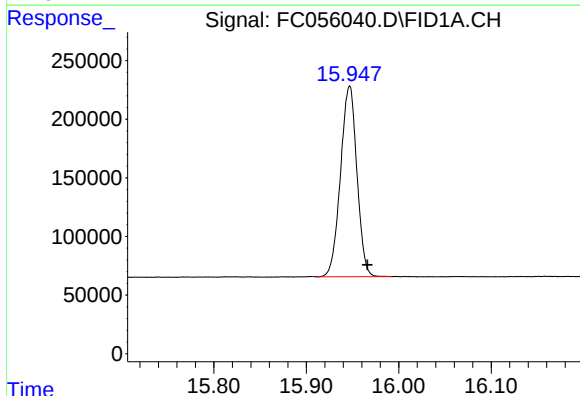
#13 n-Docosane (C22)

R.T.: 13.827 min
Delta R.T.: -0.017 min
Response: 2096270
Conc: 19.63 ug/ml



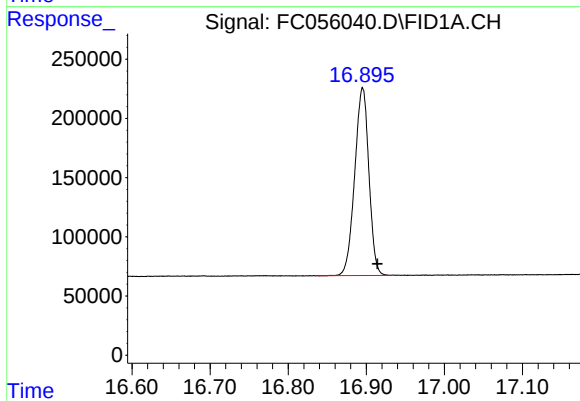
#14 n-Tetracosane (C24)

R.T.: 14.928 min
Delta R.T.: -0.019 min
Response: 2059112
Conc: 19.69 ug/ml



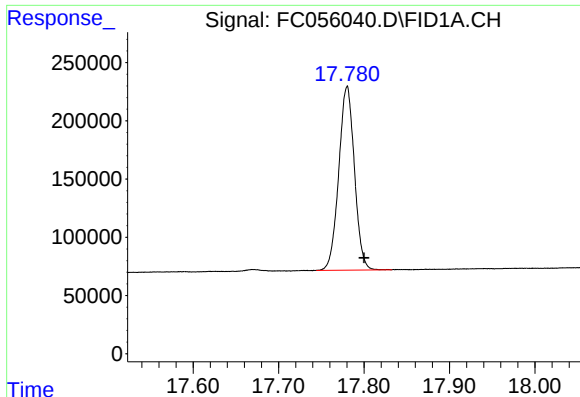
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: -0.020 min
Response: 2006562
Conc: 19.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: -0.019 min
Response: 1998762
Conc: 20.66 ug/ml



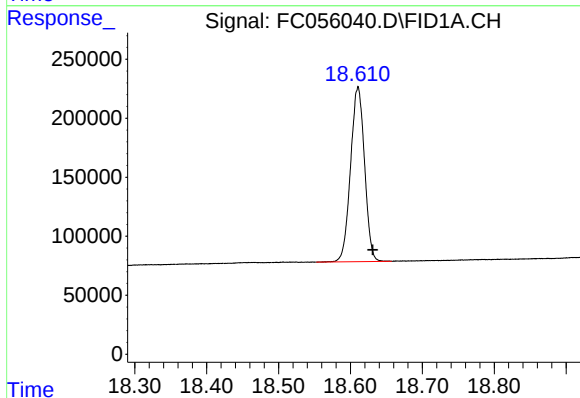
#17 n-Tricontane (C30)

R.T.: 17.780 min

Delta R.T.: -0.020 min

Response: 2010101

Conc: 21.66 ug/ml



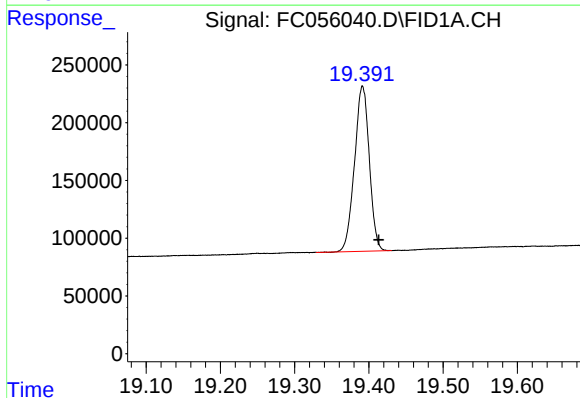
#18 n-Dotriacontane (C32)

R.T.: 18.611 min

Delta R.T.: -0.020 min

Response: 1994034

Conc: 22.43 ug/ml



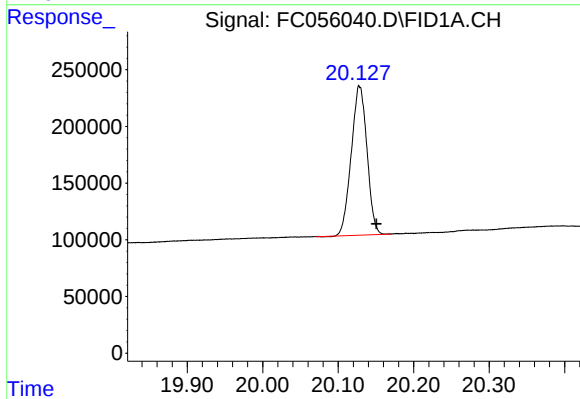
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min

Delta R.T.: -0.022 min

Response: 1976965

Conc: 22.86 ug/ml



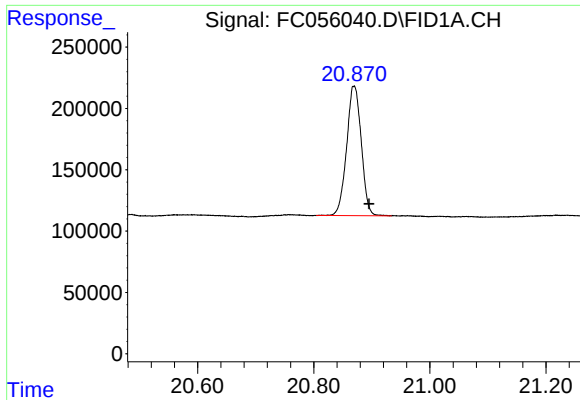
#20 n-Hexatriacontane (C36)

R.T.: 20.128 min

Delta R.T.: -0.022 min

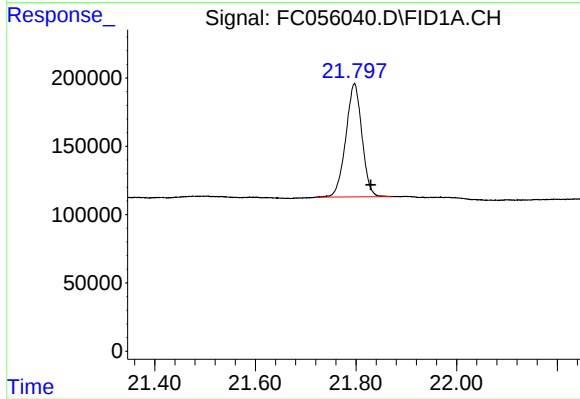
Response: 1904599

Conc: 23.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: -0.026 min
Response: 1849820
Conc: 23.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.797 min
Delta R.T.: -0.032 min
Response: 1839702
Conc: 22.95 ug/ml