

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042122AL\
 Data File : FC059341.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2022 14:27
 Operator : UA/NP
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 16:40:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 16:38:12 2022
 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)	11.109	15838958	103.246 ug/ml
Spiked Amount 50.000		Recovery =	206.49%
12) S 1-chlorooctadecane (S...	12.554	12858446	103.633 ug/ml
Spiked Amount 50.000		Recovery =	207.27%
Target Compounds			
1) T n-Nonane (C9)	2.965	12831165	106.195 ug/ml
2) T n-Decane (C10)	4.007	12920076	108.314 ug/ml
3) T A~Naphthalene (C11.7)	5.553	14405042	116.472 ug/ml
4) T n-Dodecane (C12)	6.005	13377587	105.868 ug/ml
5) T A~2-methylnaphthalene...	6.603	14684871	117.332 ug/ml
6) T n-Tetradecane (C14)	7.789	13665586	105.762 ug/ml
7) T n-Hexadecane (C16)	9.380	14060061	105.318 ug/ml
8) T n-Octadecane (C18)	10.817	14502596	104.492 ug/ml
10) T n-Eicosane (C20)	12.117	14632858	102.877 ug/ml
11) T n-Heneicosane (C21)	12.727	14803897	102.632 ug/ml
13) T n-Docosane (C22)	13.309	14817501	101.680 ug/ml
14) T n-Tetracosane (C24)	14.407	14808489	100.238 ug/ml
15) T n-Hexacosane (C26)	15.424	14555262	98.981 ug/ml
16) T n-Octacosane (C28)	16.370	14295180	96.472 ug/ml
17) T n-Tricontane (C30)	17.254	13710260	94.532 ug/ml
18) T n-Dotriacontane (C32)	18.081	12542940	92.265 ug/ml
19) T n-Tetratriacontane (C34)	18.861	11114631	90.748 ug/ml
20) T n-Hexatriacontane (C36)	19.596	9484522	89.064 ug/ml
21) T n-Octatriacontane (C38)	20.294	8077893	87.771 ug/ml
22) T n-Tetracontane (C40)	21.036	7321927	88.223 ug/ml

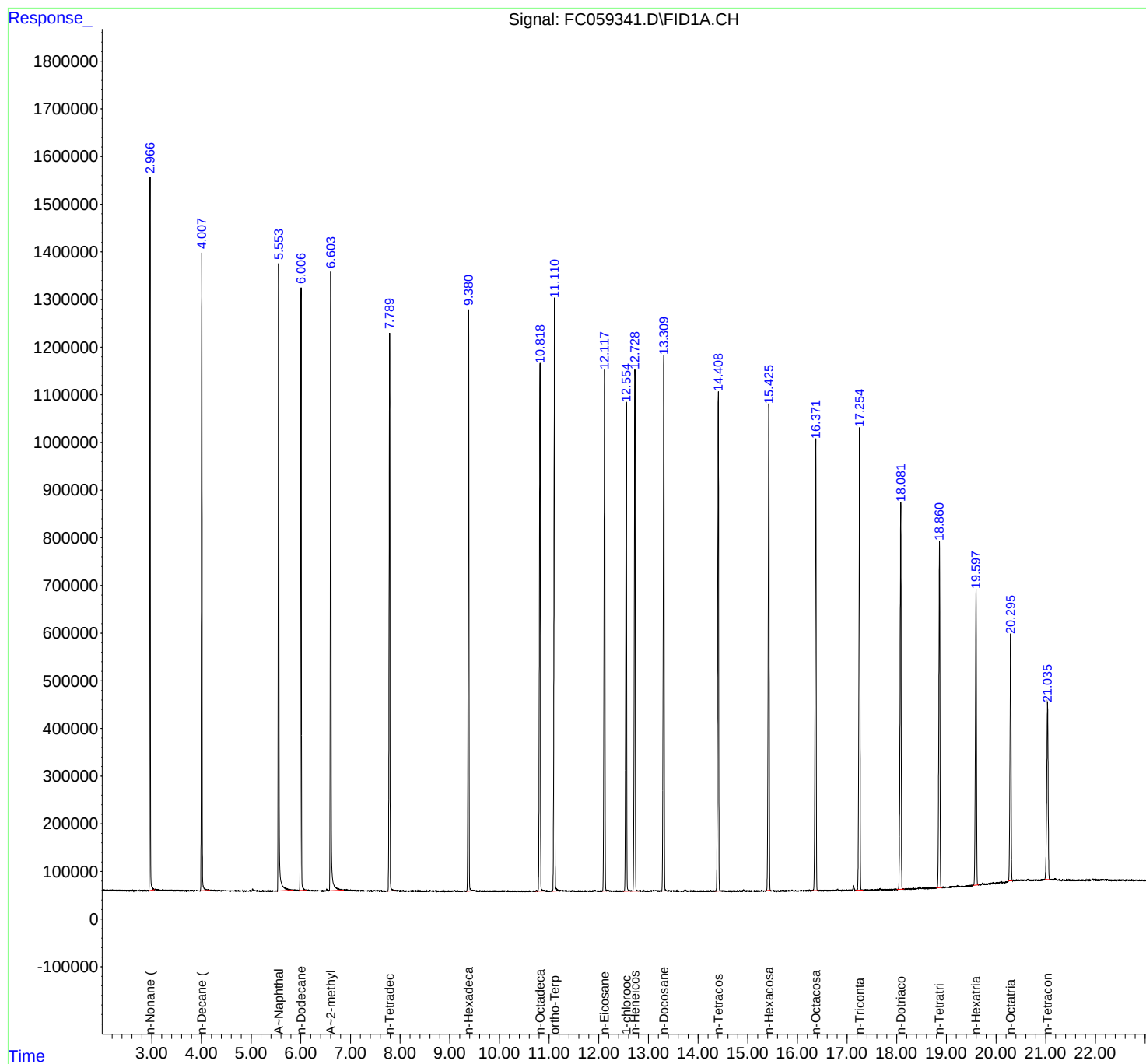
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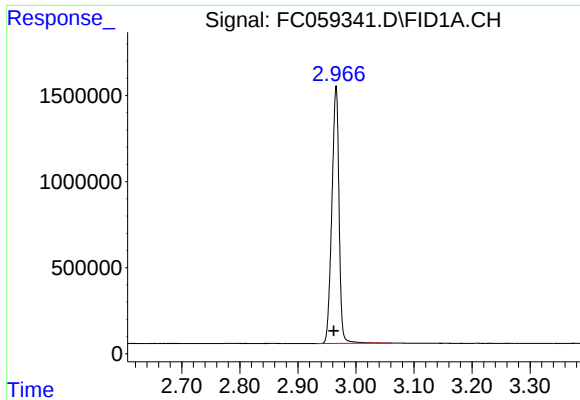
(m)=manual int.

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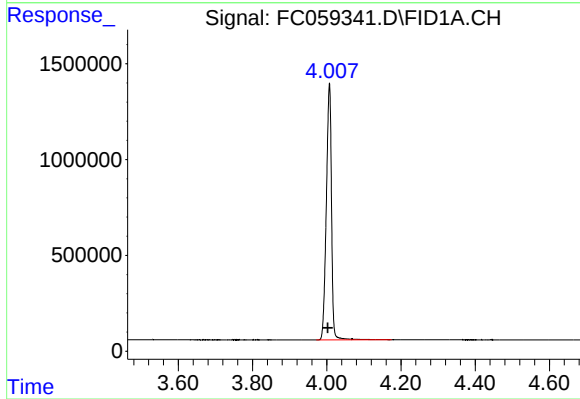
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





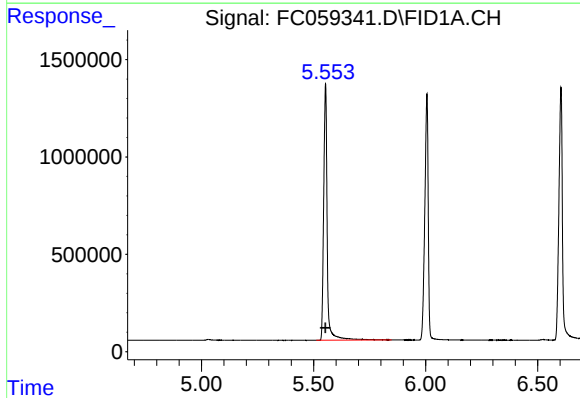
#1 n-Nonane (C9)

R.T.: 2.965 min
Delta R.T.: 0.003 min
Response: 12831165
Conc: 106.20 ug/ml



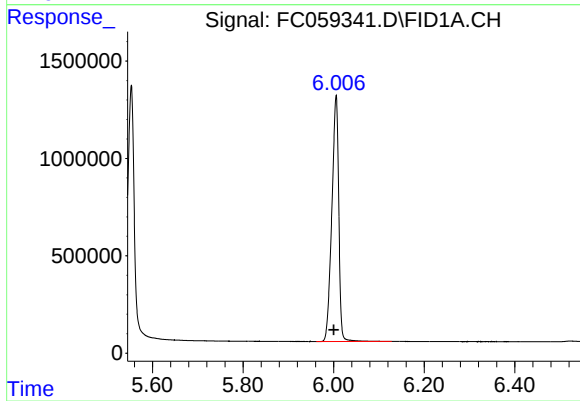
#2 n-Decane (C10)

R.T.: 4.007 min
Delta R.T.: 0.004 min
Response: 12920076
Conc: 108.31 ug/ml



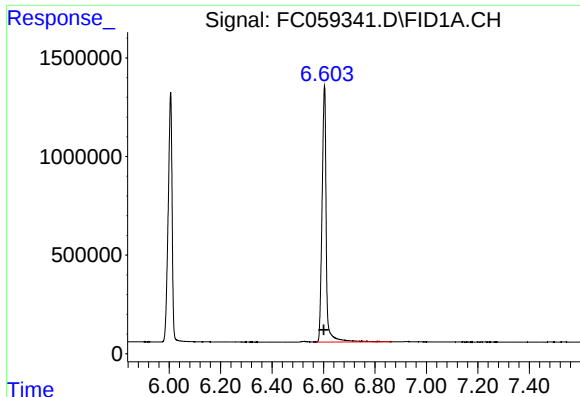
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 14405042
Conc: 116.47 ug/ml



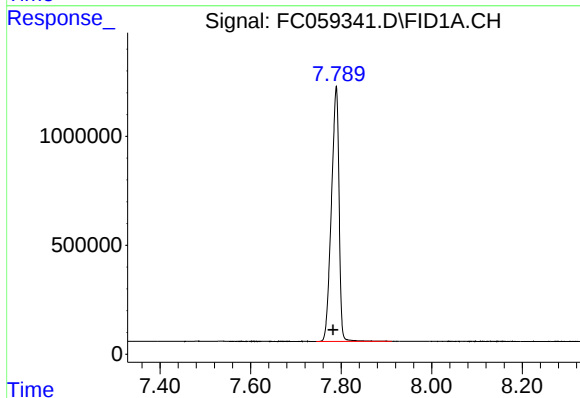
#4 n-Dodecane (C12)

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 13377587
Conc: 105.87 ug/ml



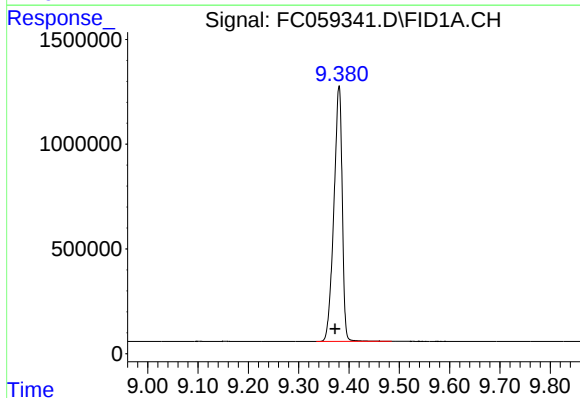
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.603 min
Delta R.T.: 0.002 min
Response: 14684871
Conc: 117.33 ug/ml



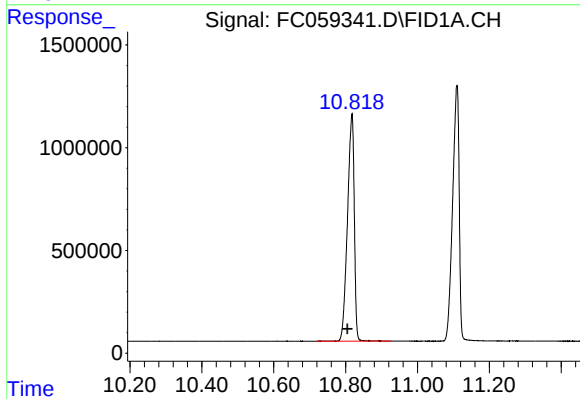
#6 n-Tetradecane (C14)

R.T.: 7.789 min
Delta R.T.: 0.006 min
Response: 13665586
Conc: 105.76 ug/ml



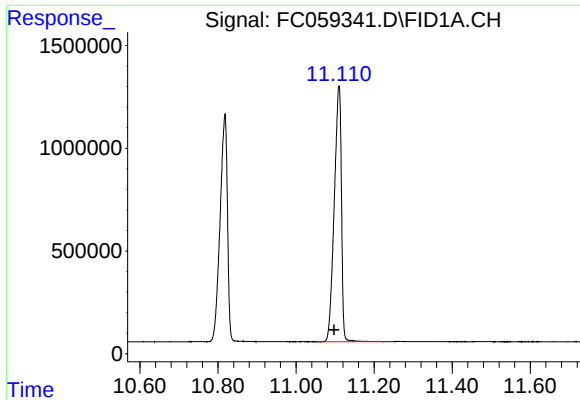
#7 n-Hexadecane (C16)

R.T.: 9.380 min
Delta R.T.: 0.008 min
Response: 14060061
Conc: 105.32 ug/ml



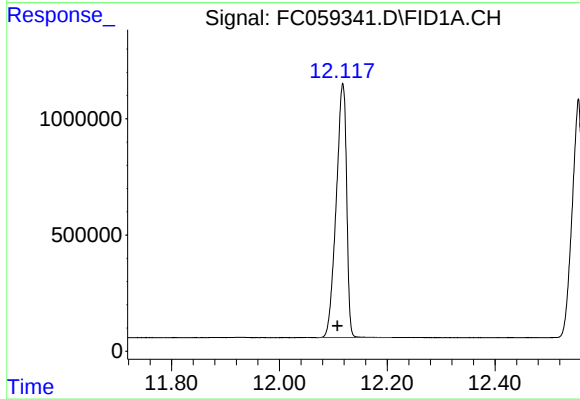
#8 n-Octadecane (C18)

R.T.: 10.817 min
Delta R.T.: 0.012 min
Response: 14502596
Conc: 104.49 ug/ml



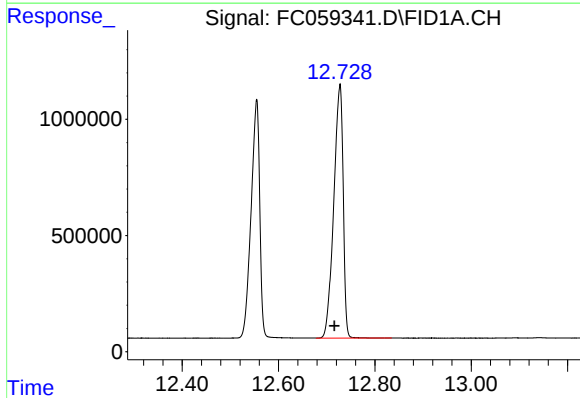
#9 ortho-Terphenyl (SURR)

R.T.: 11.109 min
Delta R.T.: 0.011 min
Response: 15838958
Conc: 103.25 ug/ml



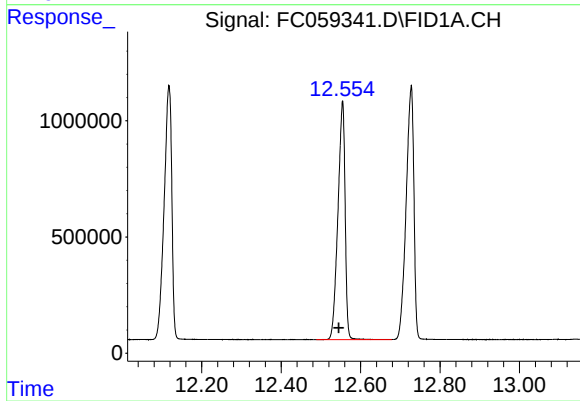
#10 n-Eicosane (C20)

R.T.: 12.117 min
Delta R.T.: 0.010 min
Response: 14632858
Conc: 102.88 ug/ml



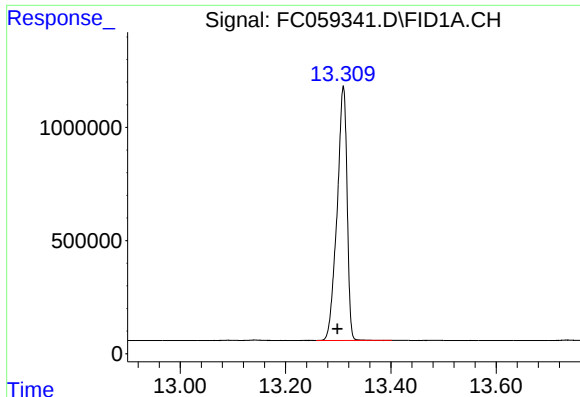
#11 n-Heneicosane (C21)

R.T.: 12.727 min
Delta R.T.: 0.011 min
Response: 14803897
Conc: 102.63 ug/ml



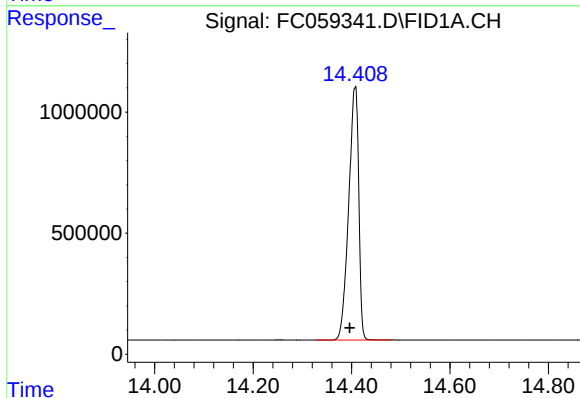
#12 1-chlorooctadecane (SURR)

R.T.: 12.554 min
Delta R.T.: 0.009 min
Response: 12858446
Conc: 103.63 ug/ml



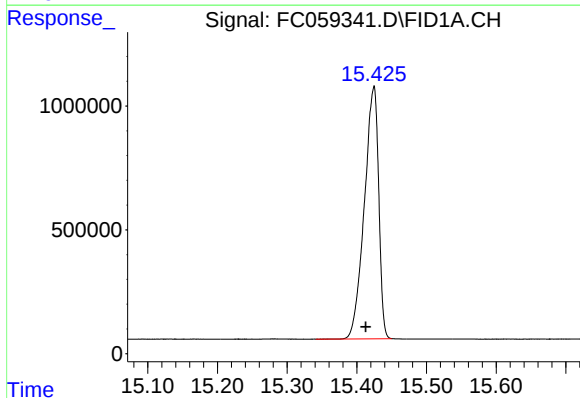
#13 n-Docosane (C22)

R.T.: 13.309 min
Delta R.T.: 0.011 min
Response: 14817501
Conc: 101.68 ug/ml



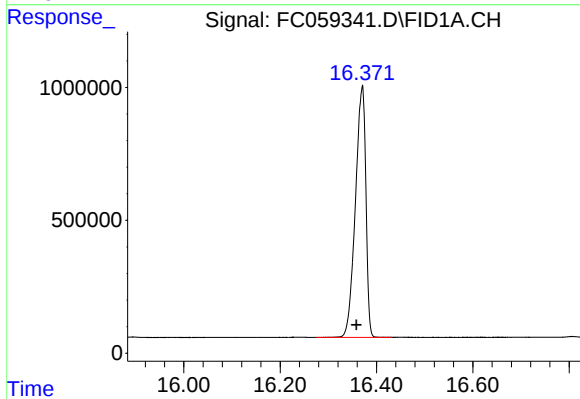
#14 n-Tetracosane (C24)

R.T.: 14.407 min
Delta R.T.: 0.010 min
Response: 14808489
Conc: 100.24 ug/ml



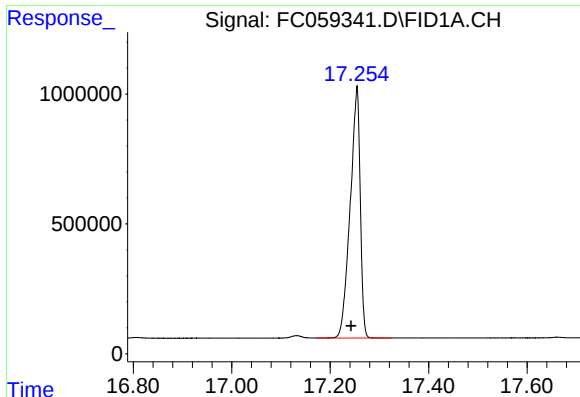
#15 n-Hexacosane (C26)

R.T.: 15.424 min
Delta R.T.: 0.011 min
Response: 14555262
Conc: 98.98 ug/ml



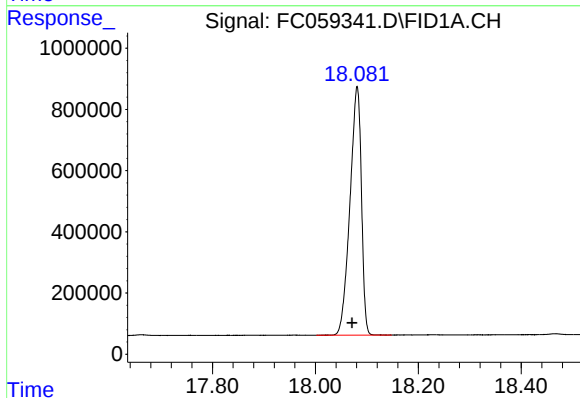
#16 n-Octacosane (C28)

R.T.: 16.370 min
Delta R.T.: 0.012 min
Response: 14295180
Conc: 96.47 ug/ml



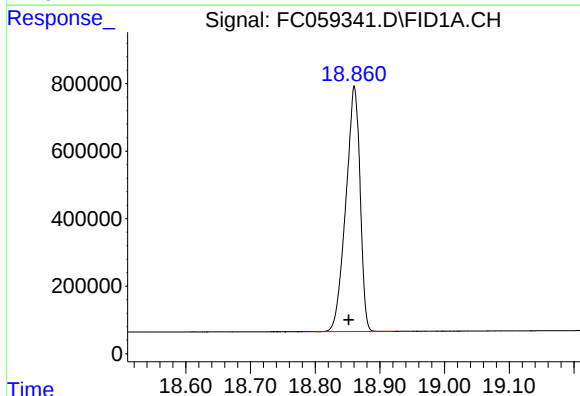
#17 n-Tricontane (C30)

R.T.: 17.254 min
Delta R.T.: 0.011 min
Response: 13710260
Conc: 94.53 ug/ml



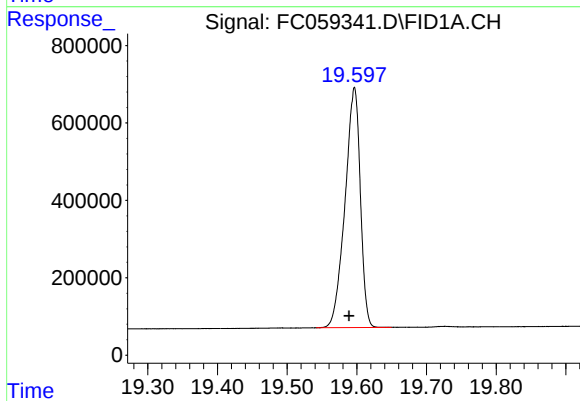
#18 n-Dotriacontane (C32)

R.T.: 18.081 min
Delta R.T.: 0.010 min
Response: 12542940
Conc: 92.26 ug/ml



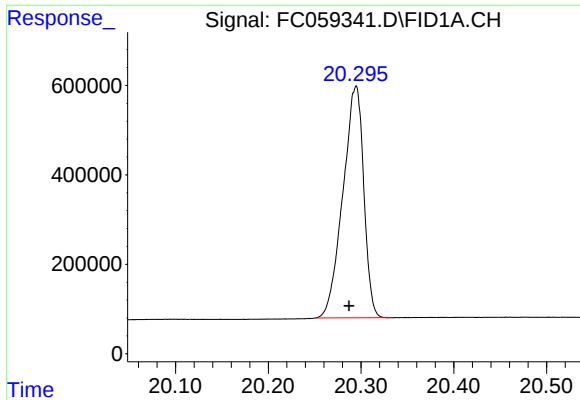
#19 n-Tetratriacontane (C34)

R.T.: 18.861 min
Delta R.T.: 0.009 min
Response: 11114631
Conc: 90.75 ug/ml



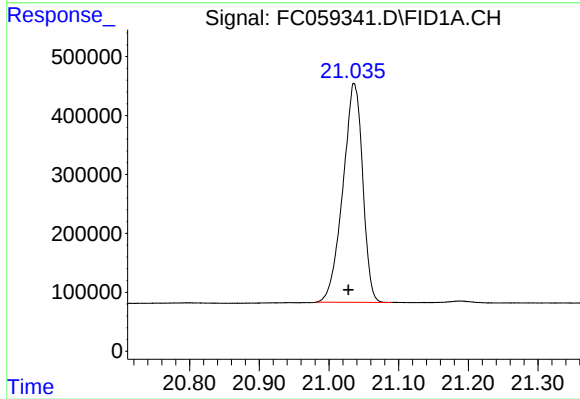
#20 n-Hexatriacontane (C36)

R.T.: 19.596 min
Delta R.T.: 0.007 min
Response: 9484522
Conc: 89.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.294 min
Delta R.T.: 0.007 min
Response: 8077893
Conc: 87.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.009 min
Response: 7321927
Conc: 88.22 ug/ml