

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092420AL\
 Data File : FC049761.D
 Signal(s) : FID1A.CH
 Acq On : 24 Sep 2020 14:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 25 02:26:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 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)	11.662	2091666	18.205 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
12) S 1-chlorooctadecane (S...	13.095	1602384	17.990 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
Target Compounds			
1) T n-Nonane (C9)	3.398	2113130	20.426 ug/ml
2) T n-Decane (C10)	4.471	2129524	20.502 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2285554	19.878 ug/ml
4) T n-Dodecane (C12)	6.495	2127722	20.129 ug/ml
5) T A~2-methylnaphthalene...	7.128	2289098	19.579 ug/ml
6) T n-Tetradecane (C14)	8.293	2072289	19.643 ug/ml
7) T n-Hexadecane (C16)	9.895	1980391	19.030 ug/ml
8) T n-Octadecane (C18)	11.339	2003688	18.644 ug/ml
10) T n-Eicosane (C20)	12.648	1955817	18.265 ug/ml
11) T n-Heneicosane (C21)	13.261	1923486	18.075 ug/ml
13) T n-Docosane (C22)	13.846	1901263	17.966 ug/ml
14) T n-Tetracosane (C24)	14.950	1888529	18.047 ug/ml
15) T n-Hexacosane (C26)	15.970	1865319	18.247 ug/ml
16) T n-Octacosane (C28)	16.919	1901527	18.921 ug/ml
17) T n-Tricontane (C30)	17.807	1920603	19.726 ug/ml
18) T n-Dotriacontane (C32)	18.638	1848799	20.460 ug/ml
19) T n-Tetratriacontane (C34)	19.420	1771167	20.690 ug/ml
20) T n-Hexatriacontane (C36)	20.160	1695458	21.044 ug/mlm
21) T n-Octatriacontane (C38)	20.911	1652130	21.823 ug/ml
22) T n-Tetracontane (C40)	21.857	1647657	21.175 ug/ml

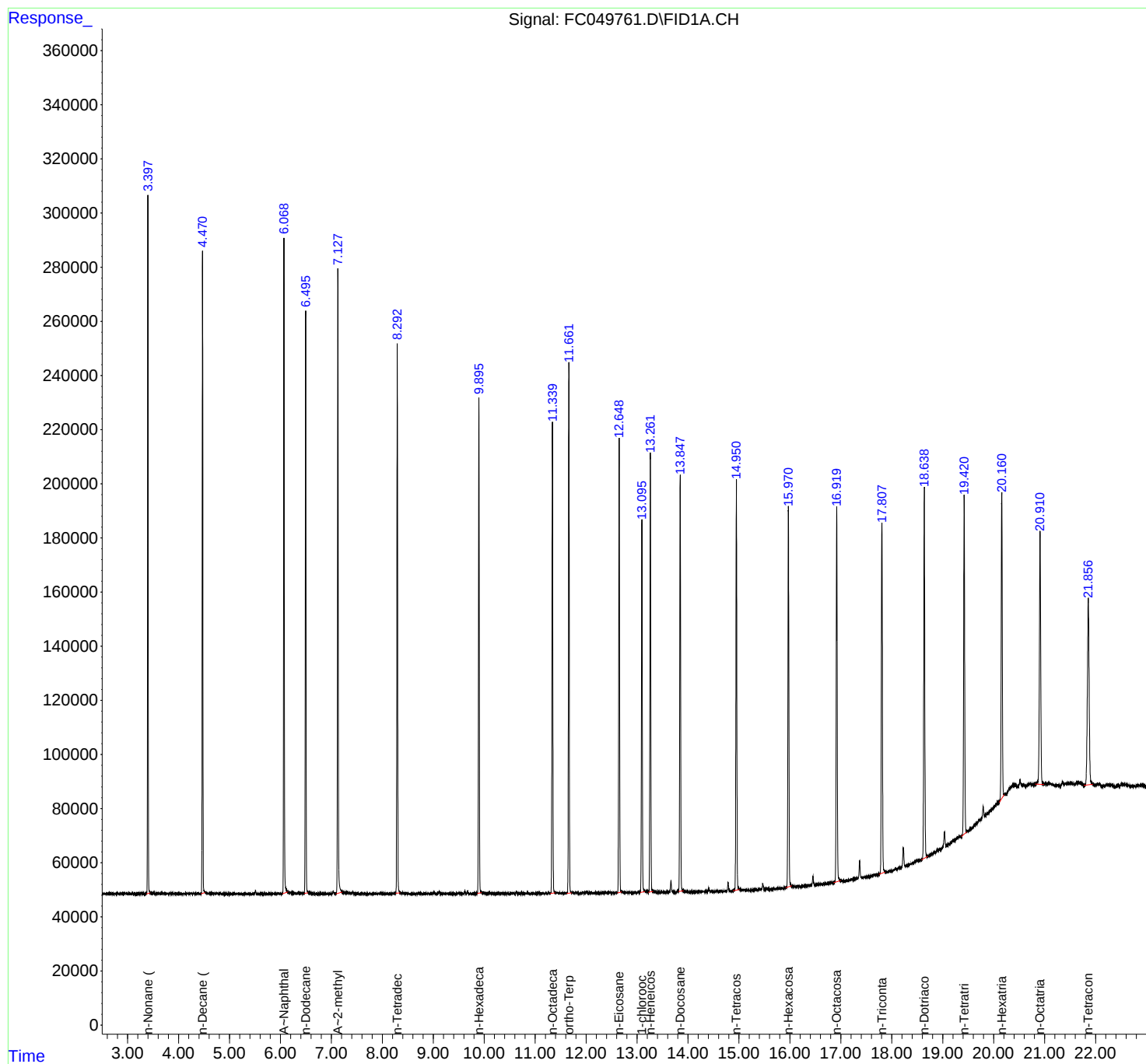
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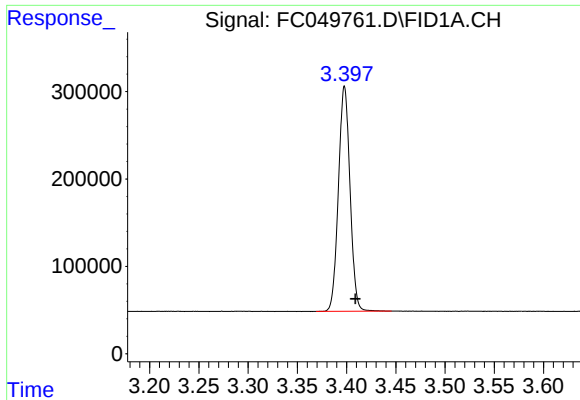
(m)=manual int.

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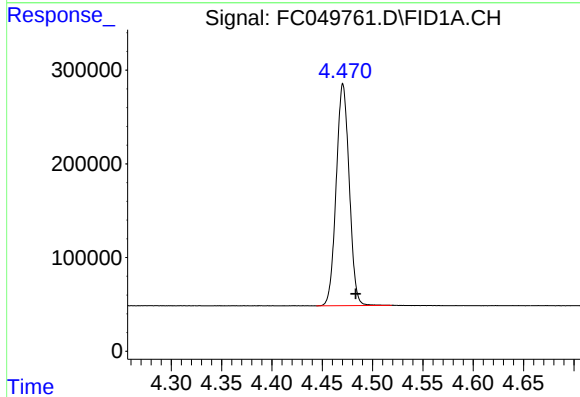
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





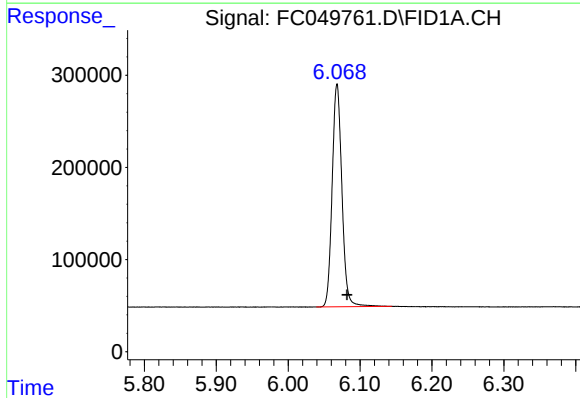
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: -0.011 min
Response: 2113130
Conc: 20.43 ug/ml



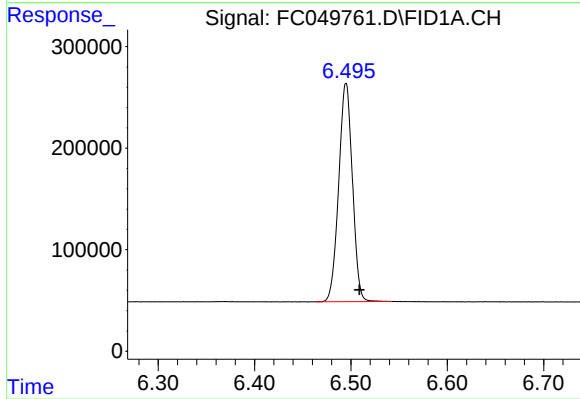
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.013 min
Response: 2129524
Conc: 20.50 ug/ml



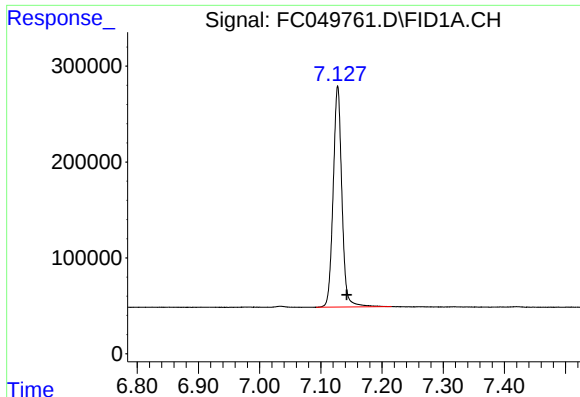
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.014 min
Response: 2285554
Conc: 19.88 ug/ml



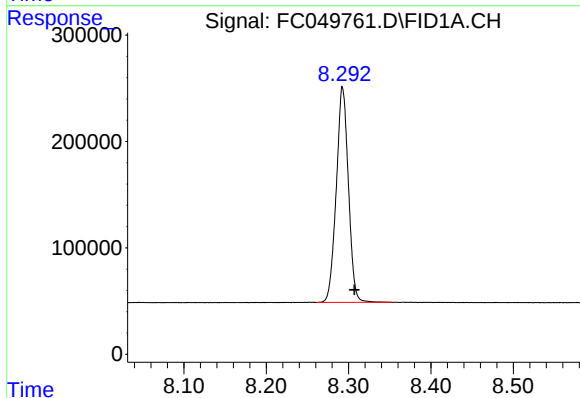
#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: -0.014 min
Response: 2127722
Conc: 20.13 ug/ml



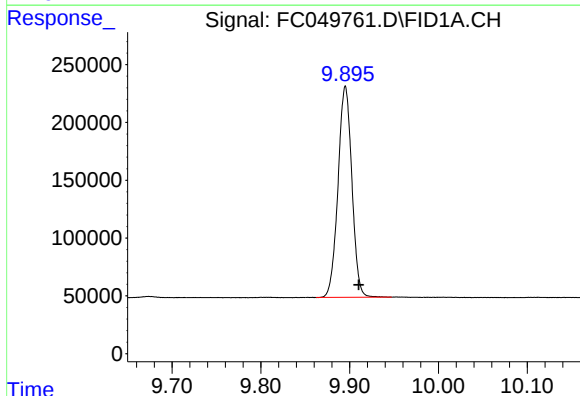
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: -0.015 min
Response: 2289098
Conc: 19.58 ug/ml



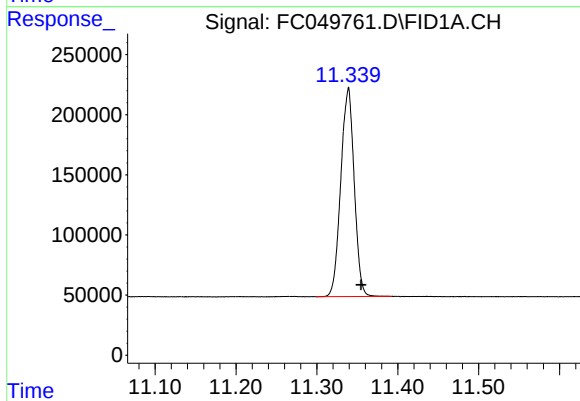
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.014 min
Response: 2072289
Conc: 19.64 ug/ml



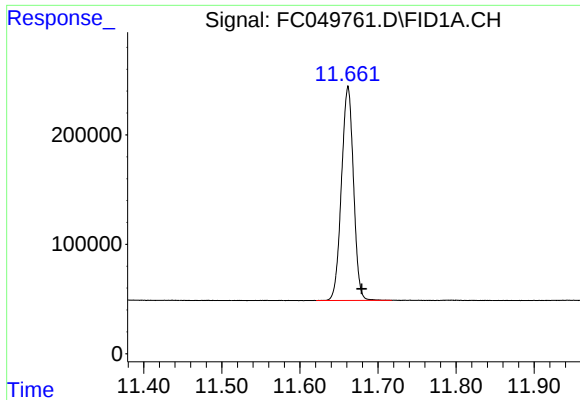
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.015 min
Response: 1980391
Conc: 19.03 ug/ml



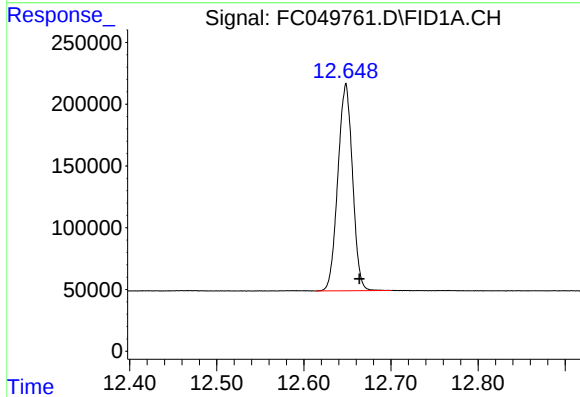
#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: -0.015 min
Response: 2003688
Conc: 18.64 ug/ml



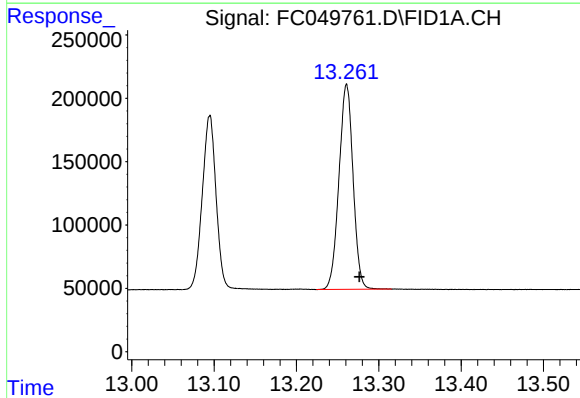
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.017 min
Response: 2091666
Conc: 18.21 ug/ml



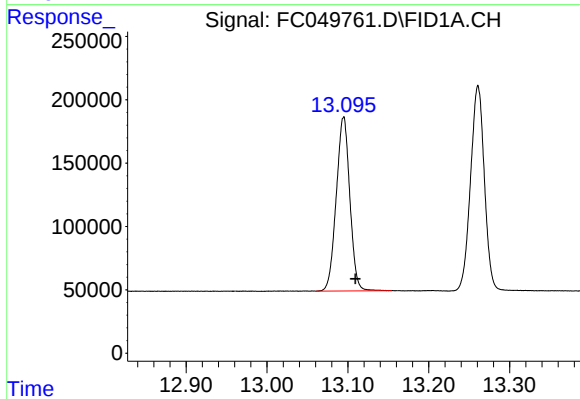
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: -0.016 min
Response: 1955817
Conc: 18.26 ug/ml



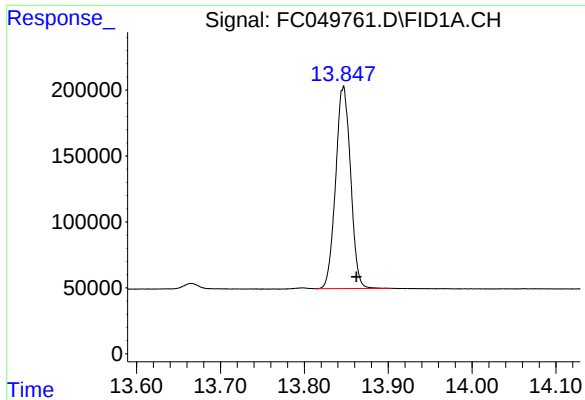
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: -0.016 min
Response: 1923486
Conc: 18.07 ug/ml



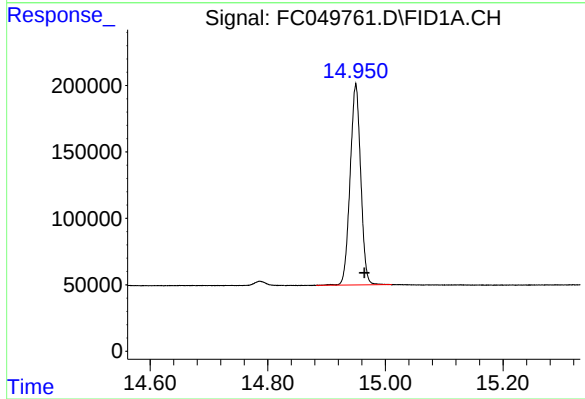
#12 1-chlorooctadecane (SURR)

R.T.: 13.095 min
Delta R.T.: -0.015 min
Response: 1602384
Conc: 17.99 ug/ml



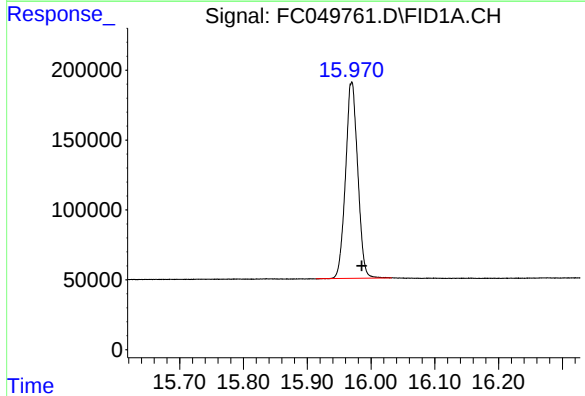
#13 n-Docosane (C22)

R.T.: 13.846 min
Delta R.T.: -0.015 min
Response: 1901263
Conc: 17.97 ug/ml



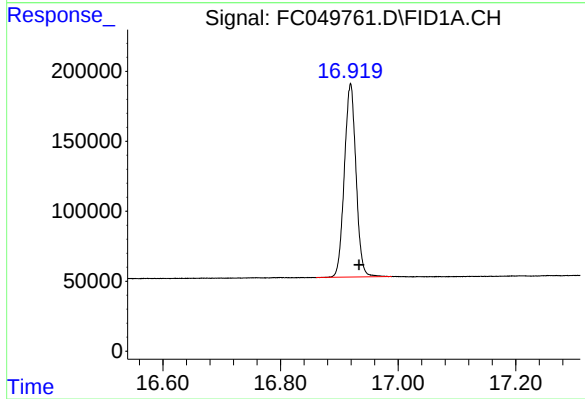
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.015 min
Response: 1888529
Conc: 18.05 ug/ml



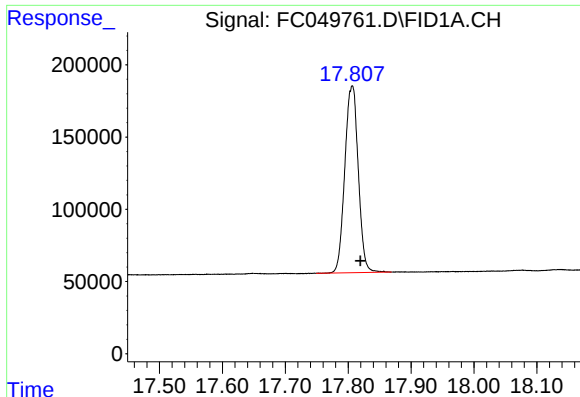
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.016 min
Response: 1865319
Conc: 18.25 ug/ml



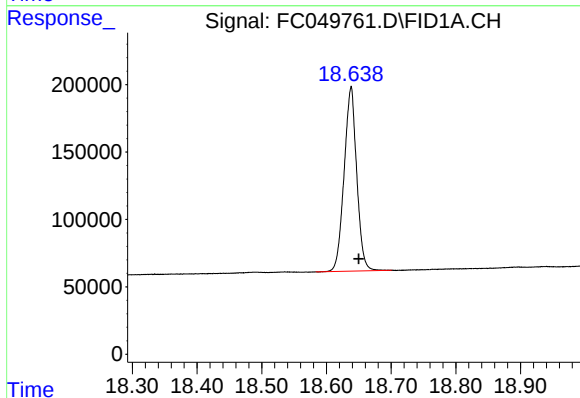
#16 n-Octacosane (C28)

R.T.: 16.919 min
Delta R.T.: -0.014 min
Response: 1901527
Conc: 18.92 ug/ml



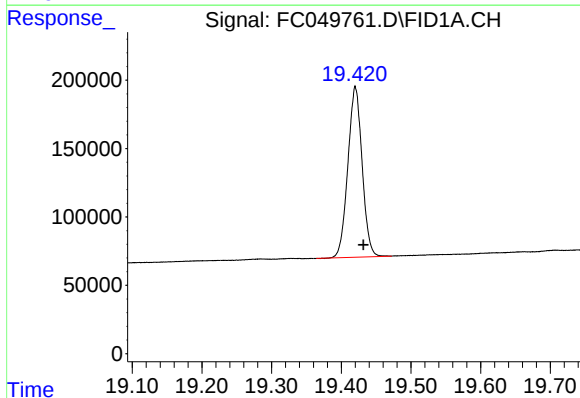
#17 n-Tricontane (C30)

R.T.: 17.807 min
Delta R.T.: -0.013 min
Response: 1920603
Conc: 19.73 ug/ml



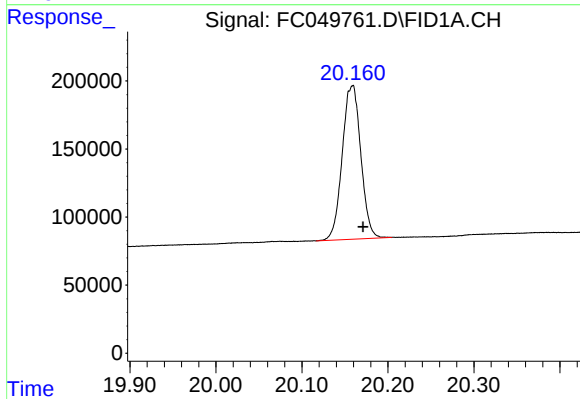
#18 n-Dotriacontane (C32)

R.T.: 18.638 min
Delta R.T.: -0.012 min
Response: 1848799
Conc: 20.46 ug/ml



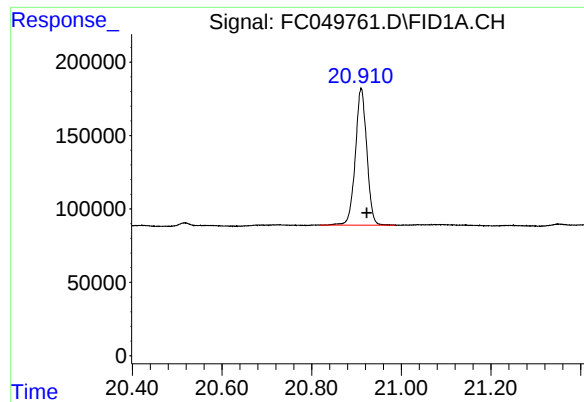
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min
Delta R.T.: -0.012 min
Response: 1771167
Conc: 20.69 ug/ml



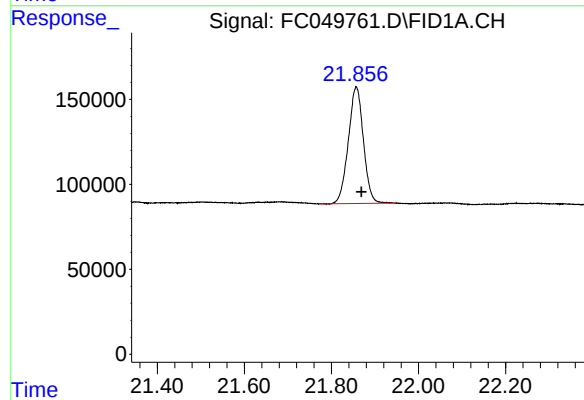
#20 n-Hexatriacontane (C36)

R.T.: 20.160 min
Delta R.T.: -0.011 min
Response: 1695458
Conc: 21.04 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: -0.012 min
Response: 1652130
Conc: 21.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.857 min
Delta R.T.: -0.012 min
Response: 1647657
Conc: 21.18 ug/ml