

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060221AL\
 Data File : FC053973.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2021 6:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 03 07:29:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.360	2412984	17.282 ug/ml
Spiked Amount 50.000		Recovery =	34.56%
12) S 1-chlorooctadecane (S...	12.805	1893059	16.885 ug/ml
Spiked Amount 50.000		Recovery =	33.77%
Target Compounds			
1) T n-Nonane (C9)	3.157	2229749	18.873 ug/ml
2) T n-Decane (C10)	4.214	2263494	18.991 ug/ml
3) T A~Naphthalene (C11.7)	5.783	2466526	18.859 ug/ml
4) T n-Dodecane (C12)	6.225	2325477	18.943 ug/ml
5) T A~2-methylnaphthalene...	6.838	2518914	18.869 ug/ml
6) T n-Tetradecane (C14)	8.018	2328046	18.768 ug/ml
7) T n-Hexadecane (C16)	9.616	2285370	18.343 ug/ml
8) T n-Octadecane (C18)	11.056	2342037	17.781 ug/ml
10) T n-Eicosane (C20)	12.364	2303967	17.189 ug/ml
11) T n-Heneicosane (C21)	12.975	2273169	16.948 ug/ml
13) T n-Docosane (C22)	13.561	2234525	16.626 ug/ml
14) T n-Tetracosane (C24)	14.662	2169169	16.156 ug/ml
15) T n-Hexacosane (C26)	15.681	2063864	15.572 ug/ml
16) T n-Octacosane (C28)	16.631	1999674	15.145 ug/ml
17) T n-Tricontane (C30)	17.519	1979839	15.099 ug/ml
18) T n-Dotriacontane (C32)	18.351	1916208	14.854 ug/ml
19) T n-Tetratriacontane (C34)	19.135	1856738	15.220 ug/ml
20) T n-Hexatriacontane (C36)	19.874	1810709	16.038 ug/ml
21) T n-Octatriacontane (C38)	20.583	1920740	19.049 ug/ml
22) T n-Tetracontane (C40)	21.418	1760870	17.448 ug/ml

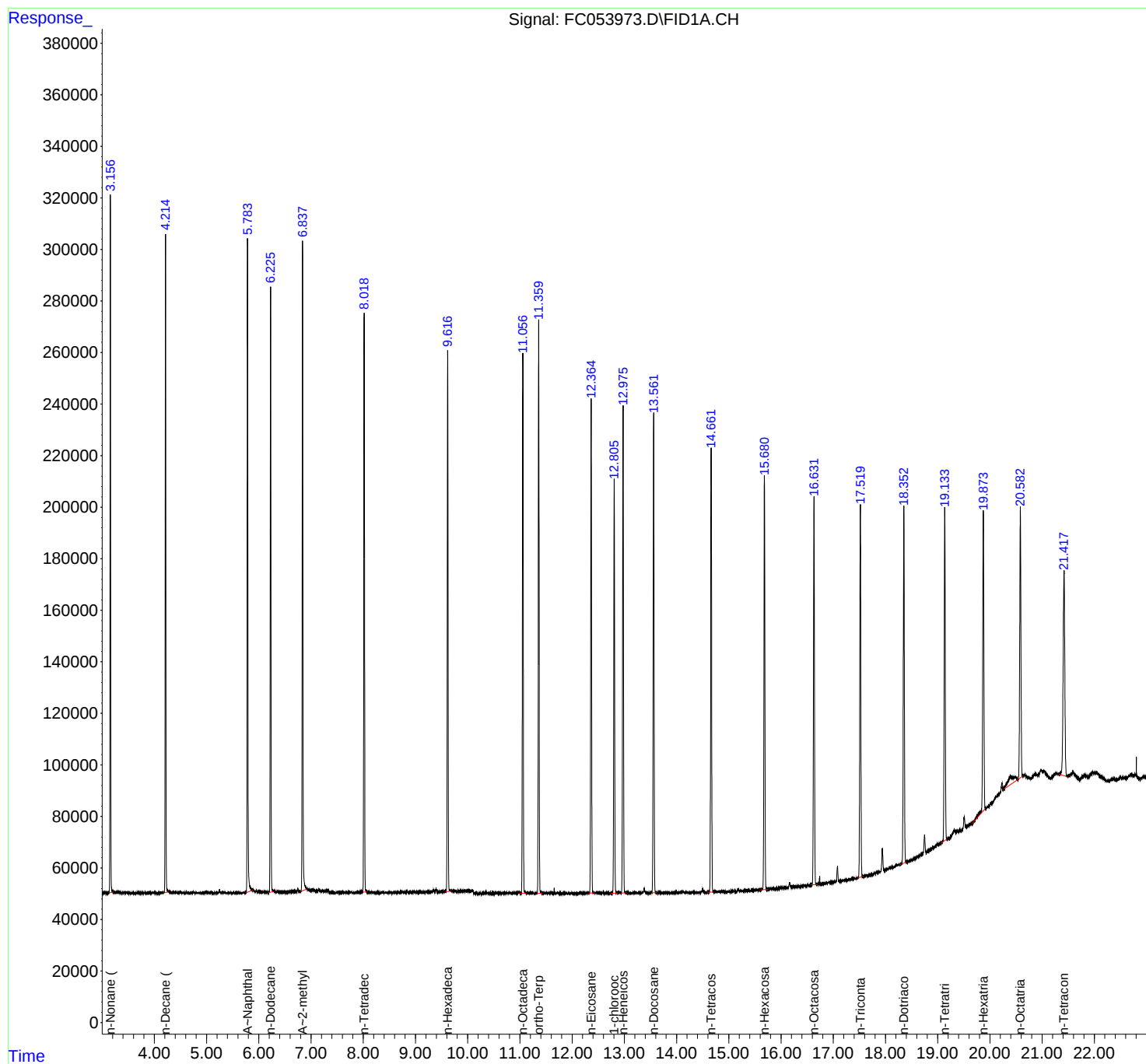
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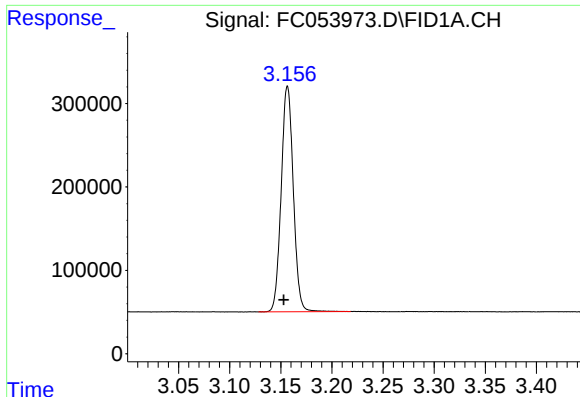
(m)=manual int.

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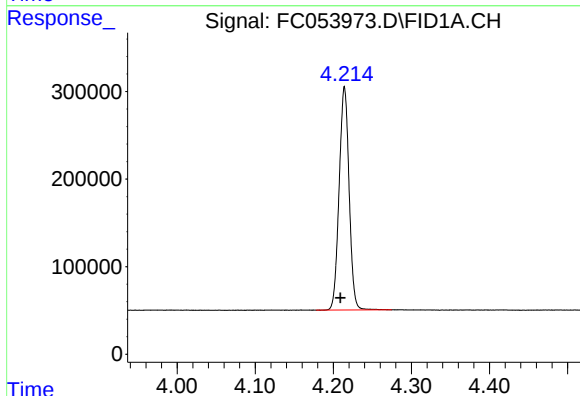
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





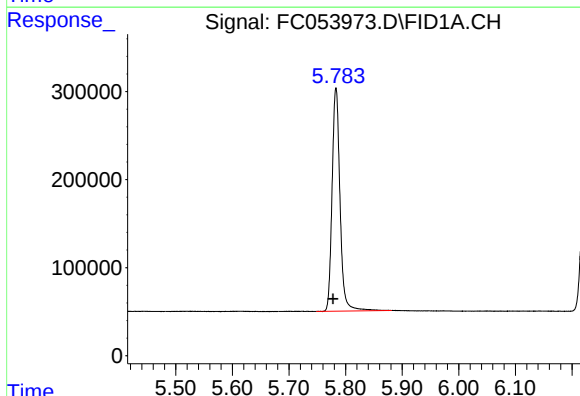
#1 n-Nonane (C9)

R.T.: 3.157 min
Delta R.T.: 0.004 min
Response: 2229749
Conc: 18.87 ug/ml



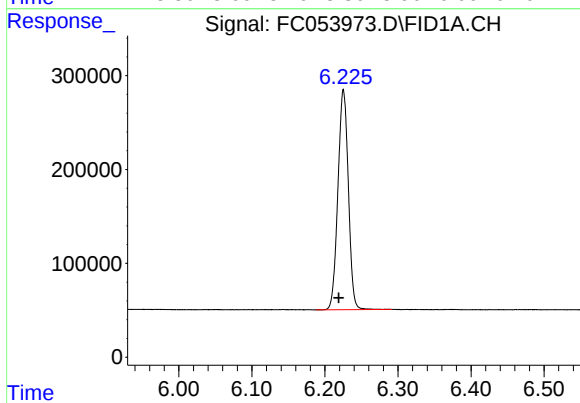
#2 n-Decane (C10)

R.T.: 4.214 min
Delta R.T.: 0.005 min
Response: 2263494
Conc: 18.99 ug/ml



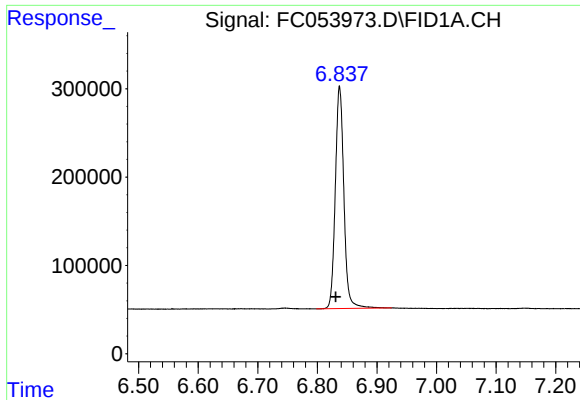
#3 A~Naphthalene (C11.7)

R.T.: 5.783 min
Delta R.T.: 0.005 min
Response: 2466526
Conc: 18.86 ug/ml



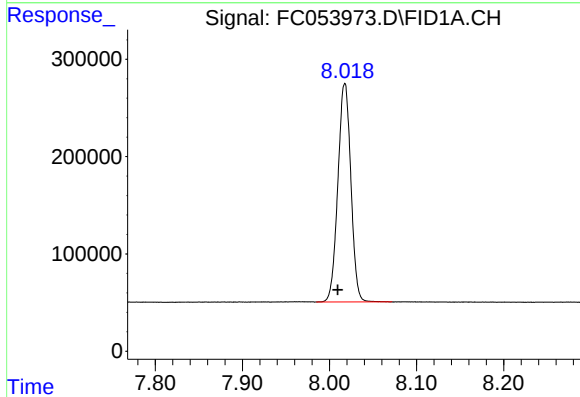
#4 n-Dodecane (C12)

R.T.: 6.225 min
Delta R.T.: 0.006 min
Response: 2325477
Conc: 18.94 ug/ml



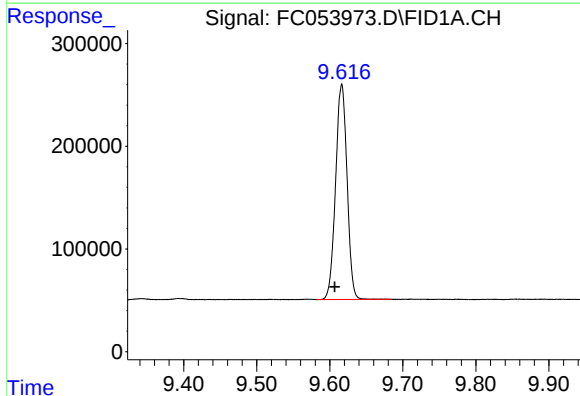
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.838 min
Delta R.T.: 0.007 min
Response: 2518914
Conc: 18.87 ug/ml



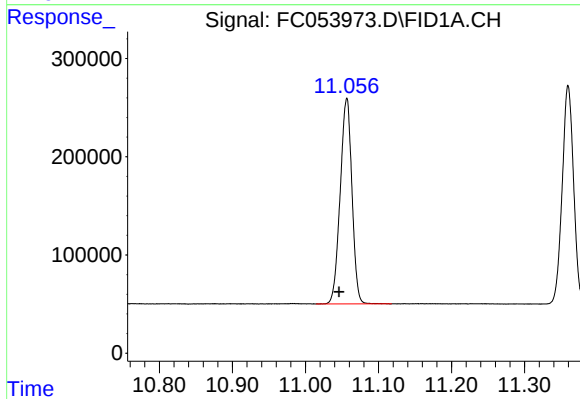
#6 n-Tetradecane (C14)

R.T.: 8.018 min
Delta R.T.: 0.008 min
Response: 2328046
Conc: 18.77 ug/ml



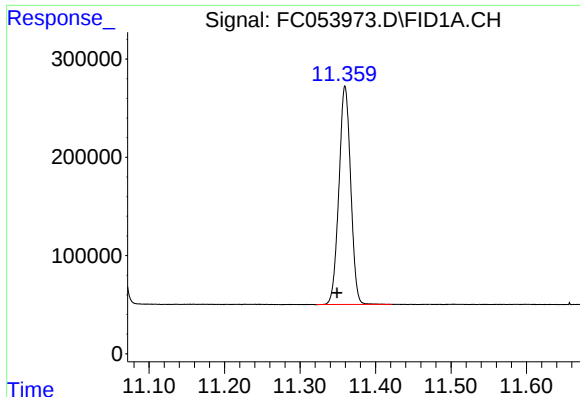
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.009 min
Response: 2285370
Conc: 18.34 ug/ml



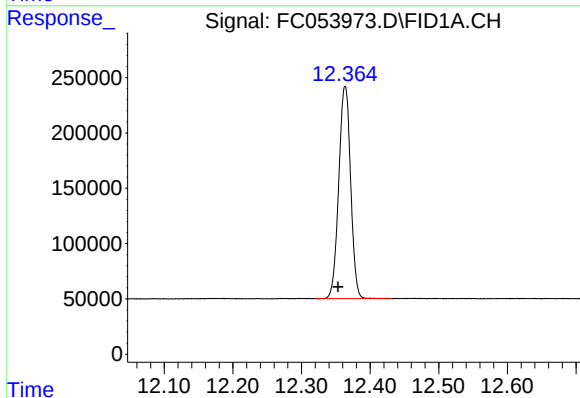
#8 n-Octadecane (C18)

R.T.: 11.056 min
Delta R.T.: 0.010 min
Response: 2342037
Conc: 17.78 ug/ml



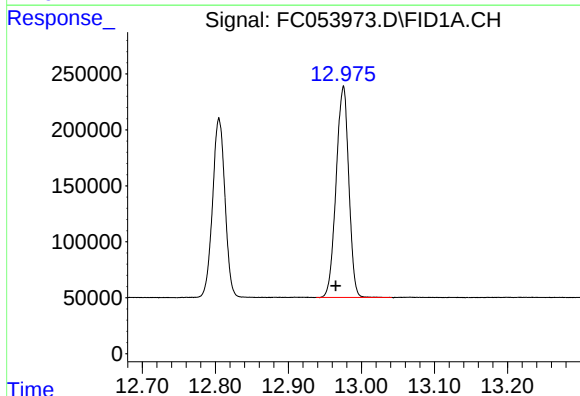
#9 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: 0.011 min
Response: 2412984
Conc: 17.28 ug/ml



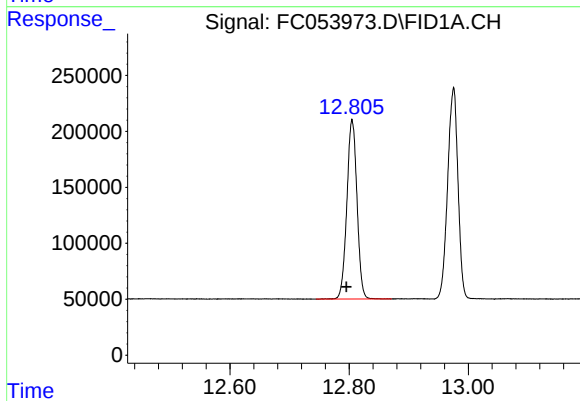
#10 n-Eicosane (C20)

R.T.: 12.364 min
Delta R.T.: 0.010 min
Response: 2303967
Conc: 17.19 ug/ml



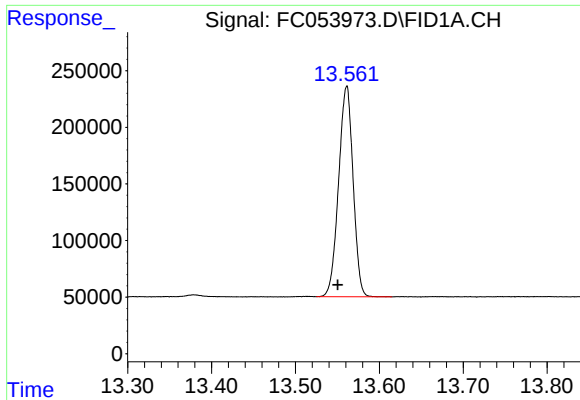
#11 n-Heneicosane (C21)

R.T.: 12.975 min
Delta R.T.: 0.010 min
Response: 2273169
Conc: 16.95 ug/ml



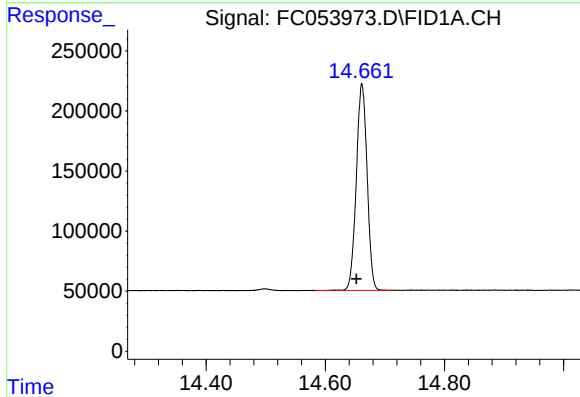
#12 1-chlorooctadecane (SURR)

R.T.: 12.805 min
Delta R.T.: 0.010 min
Response: 1893059
Conc: 16.88 ug/ml



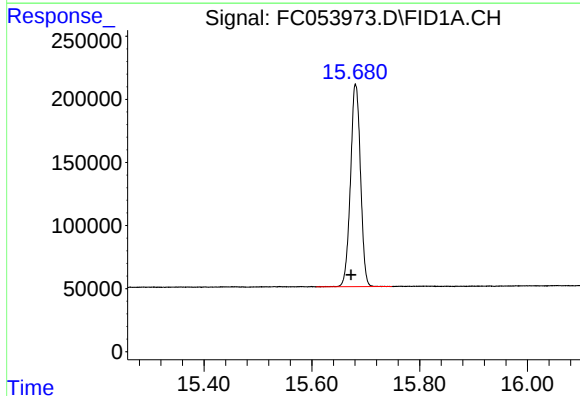
#13 n-Docosane (C22)

R.T.: 13.561 min
Delta R.T.: 0.010 min
Response: 2234525
Conc: 16.63 ug/ml



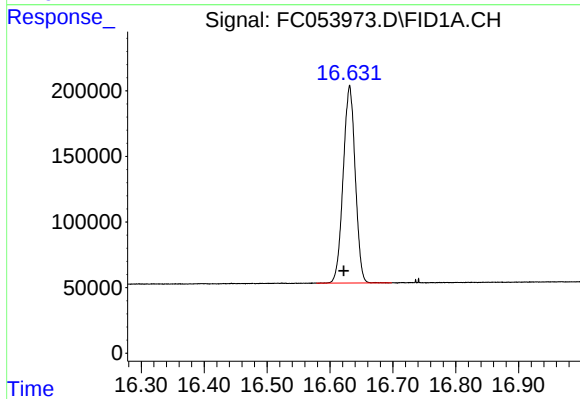
#14 n-Tetracosane (C24)

R.T.: 14.662 min
Delta R.T.: 0.009 min
Response: 2169169
Conc: 16.16 ug/ml



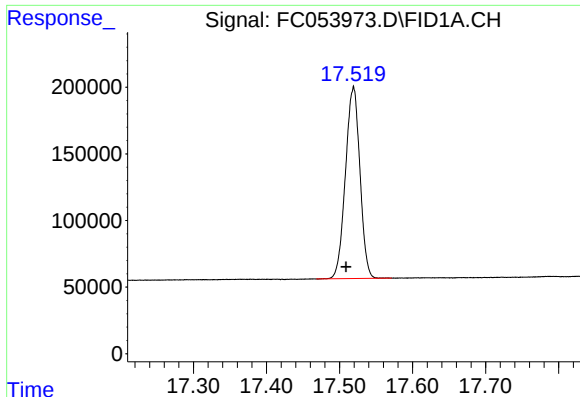
#15 n-Hexacosane (C26)

R.T.: 15.681 min
Delta R.T.: 0.009 min
Response: 2063864
Conc: 15.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.631 min
Delta R.T.: 0.009 min
Response: 1999674
Conc: 15.14 ug/ml



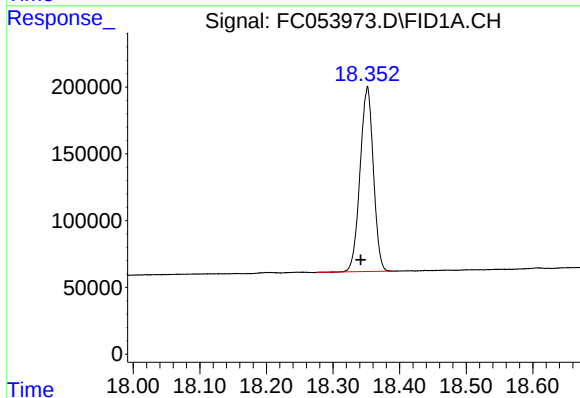
#17 n-Tricontane (C30)

R.T.: 17.519 min

Delta R.T.: 0.010 min

Response: 1979839

Conc: 15.10 ug/ml



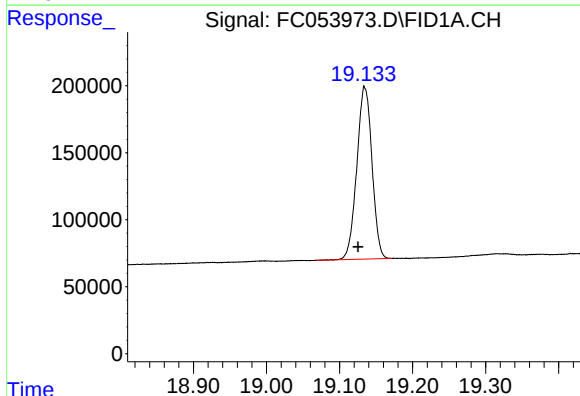
#18 n-Dotriacontane (C32)

R.T.: 18.351 min

Delta R.T.: 0.010 min

Response: 1916208

Conc: 14.85 ug/ml



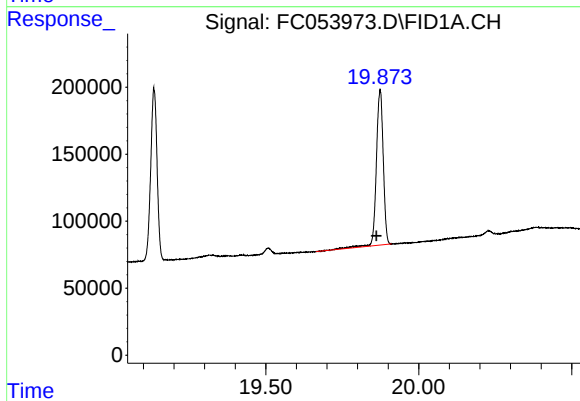
#19 n-Tetratriacontane (C34)

R.T.: 19.135 min

Delta R.T.: 0.009 min

Response: 1856738

Conc: 15.22 ug/ml



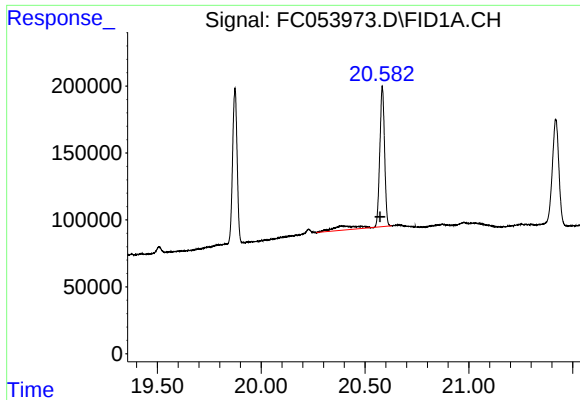
#20 n-Hexatriacontane (C36)

R.T.: 19.874 min

Delta R.T.: 0.012 min

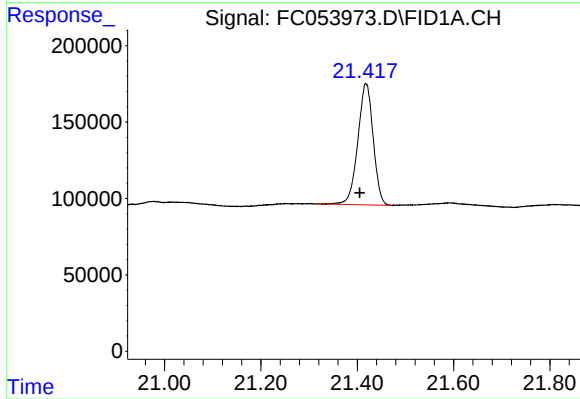
Response: 1810709

Conc: 16.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.583 min
Delta R.T.: 0.011 min
Response: 1920740
Conc: 19.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.418 min
Delta R.T.: 0.013 min
Response: 1760870
Conc: 17.45 ug/ml