

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052219AL\
 Data File : FC041394.D
 Signal(s) : FID1A.CH
 Acq On : 22 May 2019 12:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 01:21:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:14:00 2019
 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)	11.701	2031413	20.134 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
12) S 1-chlorooctadecane (S...	13.126	1589218	20.016 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.478	1716911	20.004 ug/ml
2) T n-Decane (C10)	4.549	1752695	20.110 ug/ml
3) T A~Naphthalene (C11.7)	6.139	2049292	19.949 ug/ml
4) T n-Dodecane (C12)	6.560	1766951	20.041 ug/ml
5) T A~2-methylnaphthalene...	7.190	2063260	19.951 ug/ml
6) T n-Tetradecane (C14)	8.347	1788769	19.954 ug/ml
7) T n-Hexadecane (C16)	9.941	1799779	19.950 ug/ml
8) T n-Octadecane (C18)	11.377	1807139	20.002 ug/ml
10) T n-Eicosane (C20)	12.681	1833352	20.143 ug/ml
11) T n-Heneicosane (C21)	13.291	1830814	20.205 ug/ml
13) T n-Docosane (C22)	13.875	1852558	20.450 ug/ml
14) T n-Tetracosane (C24)	14.975	1901068	20.908 ug/ml
15) T n-Hexacosane (C26)	15.991	1929367	21.258 ug/ml
16) T n-Octacosane (C28)	16.938	1967673	21.491 ug/ml
17) T n-Tricontane (C30)	17.824	1946047	21.660 ug/ml
18) T n-Dotriacontane (C32)	18.653	1829570	21.864 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1524160	21.321 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1377430	21.616 ug/mlm
21) T n-Octatriacontane (C38)	20.924	1311089	21.727 ug/ml
22) T n-Tetracontane (C40)	21.862	1172259	19.924 ug/ml

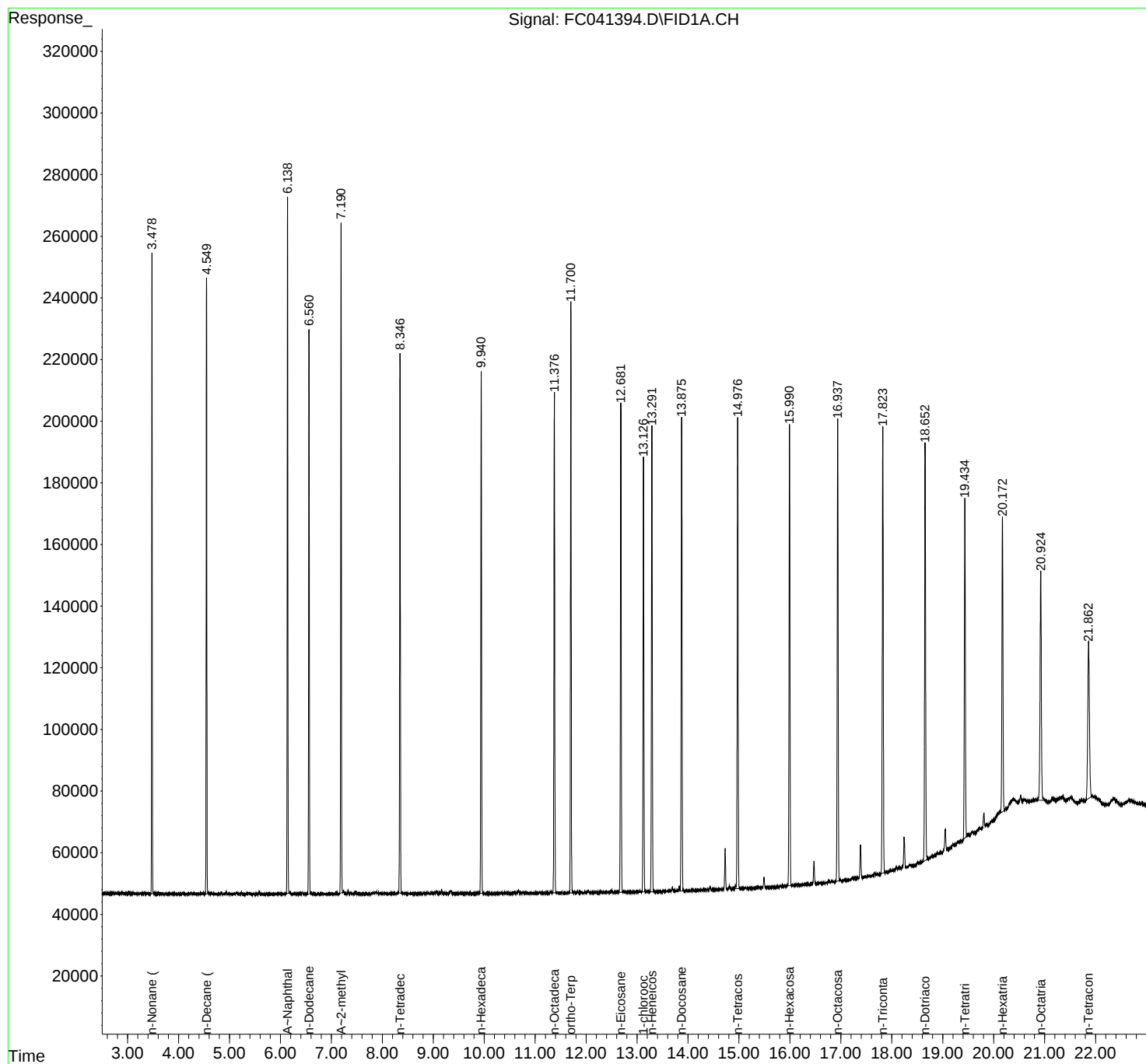
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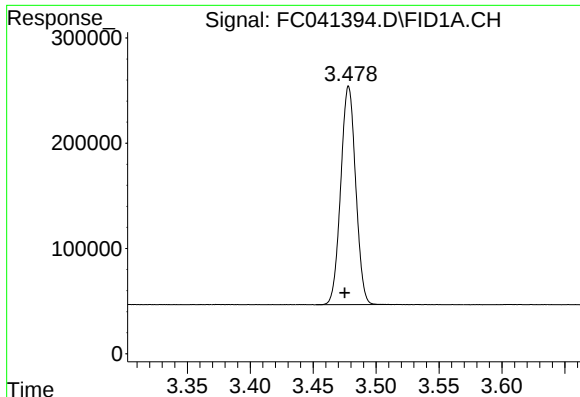
(m)=manual int.

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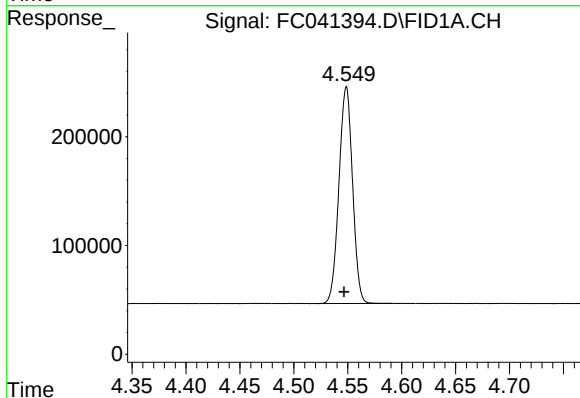
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Signal Info : 20M x 0.18mm x 0.18um





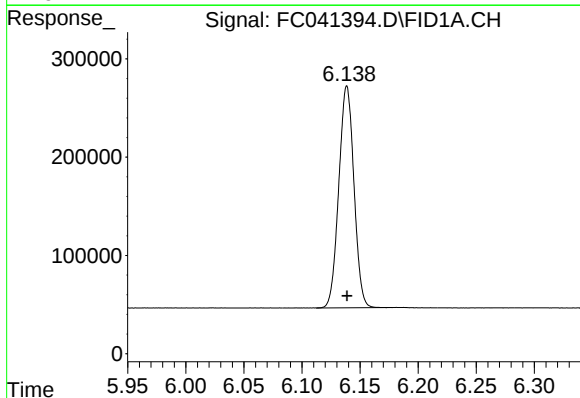
#1 n-Nonane (C9)

R.T.: 3.478 min
Delta R.T.: 0.003 min
Response: 1716911
Conc: 20.00 ug/ml



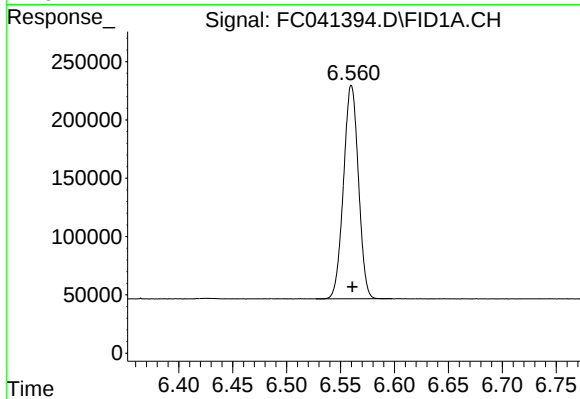
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: 0.002 min
Response: 1752695
Conc: 20.11 ug/ml



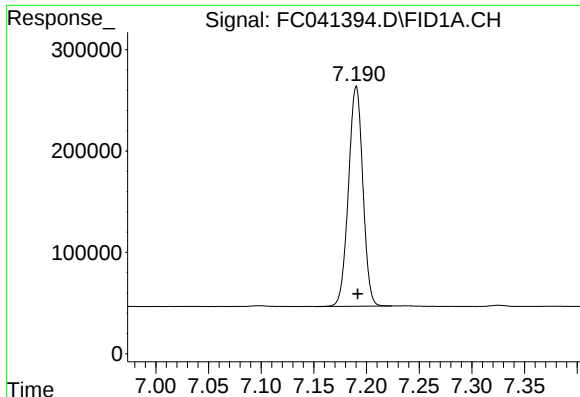
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2049292
Conc: 19.95 ug/ml



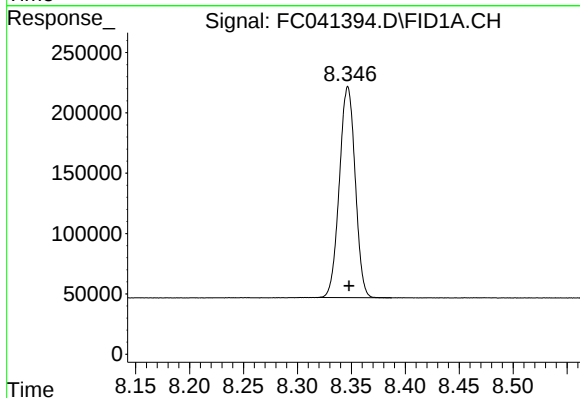
#4 n-Dodecane (C12)

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 1766951
Conc: 20.04 ug/ml



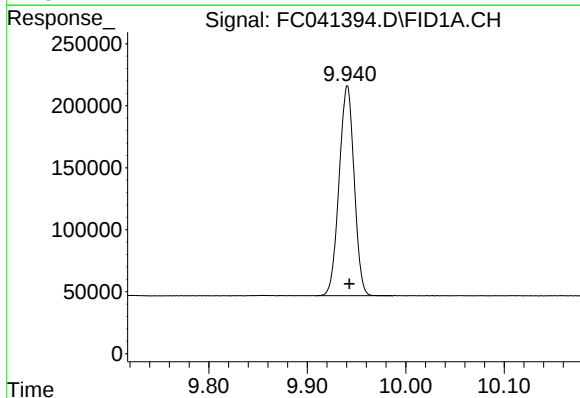
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 2063260
Conc: 19.95 ug/ml



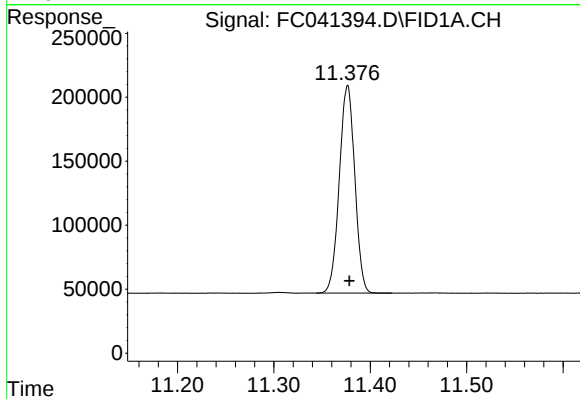
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: -0.001 min
Response: 1788769
Conc: 19.95 ug/ml



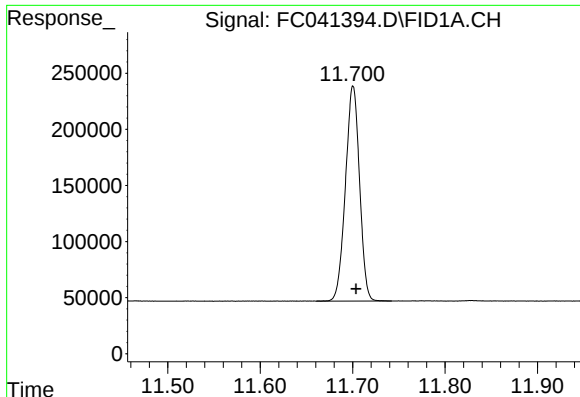
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.002 min
Response: 1799779
Conc: 19.95 ug/ml



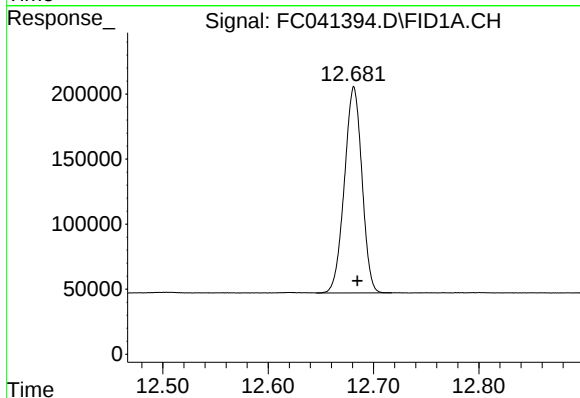
#8 n-Octadecane (C18)

R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 1807139
Conc: 20.00 ug/ml



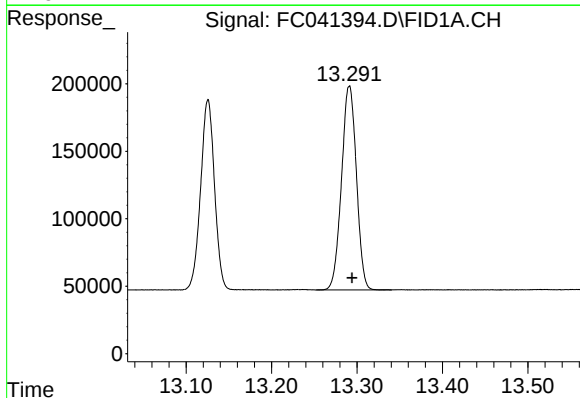
#9 ortho-Terphenyl (SURR)

R.T.: 11.701 min
Delta R.T.: -0.003 min
Response: 2031413
Conc: 20.13 ug/ml



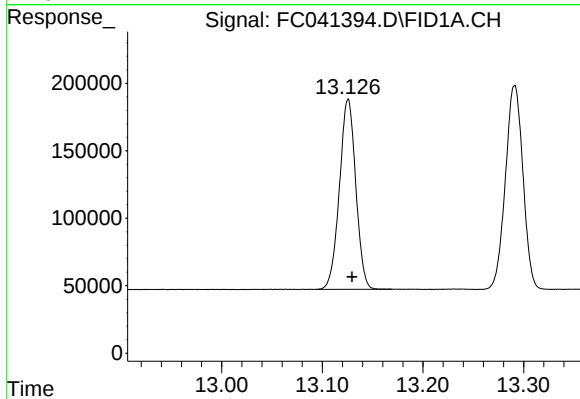
#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: -0.003 min
Response: 1833352
Conc: 20.14 ug/ml



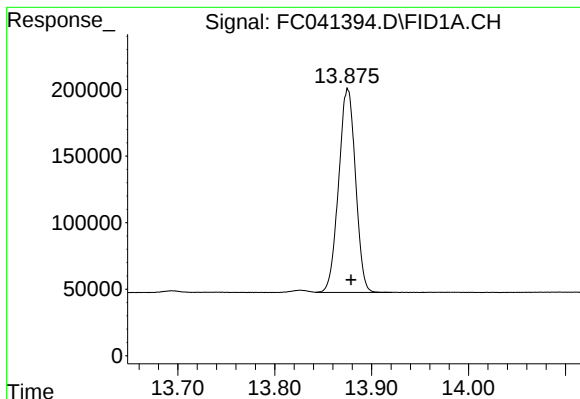
#11 n-Heneicosane (C21)

R.T.: 13.291 min
Delta R.T.: -0.003 min
Response: 1830814
Conc: 20.21 ug/ml



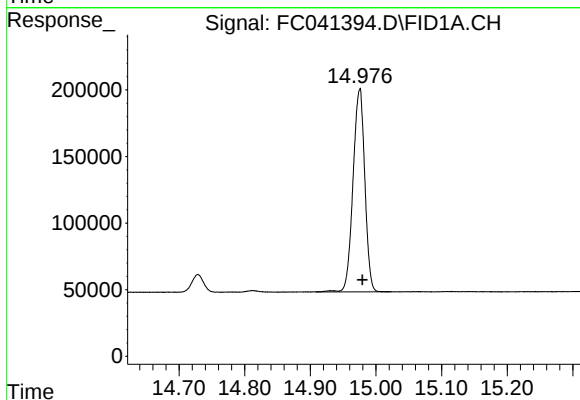
#12 1-chlorooctadecane (SURR)

R.T.: 13.126 min
Delta R.T.: -0.004 min
Response: 1589218
Conc: 20.02 ug/ml



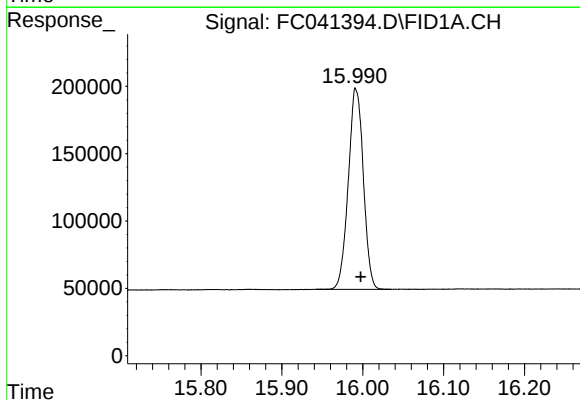
#13 n-Docosane (C22)

R.T.: 13.875 min
Delta R.T.: -0.003 min
Response: 1852558
Conc: 20.45 ug/ml



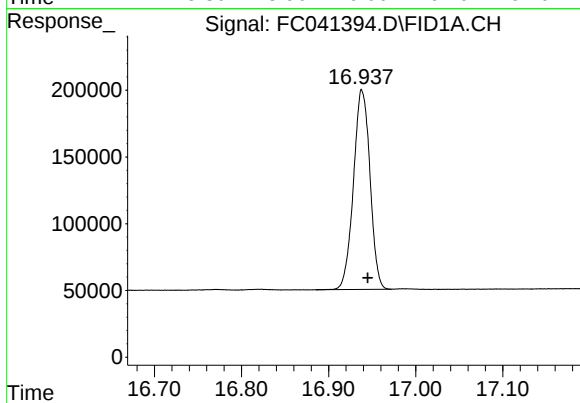
#14 n-Tetracosane (C24)

R.T.: 14.975 min
Delta R.T.: -0.004 min
Response: 1901068
Conc: 20.91 ug/ml



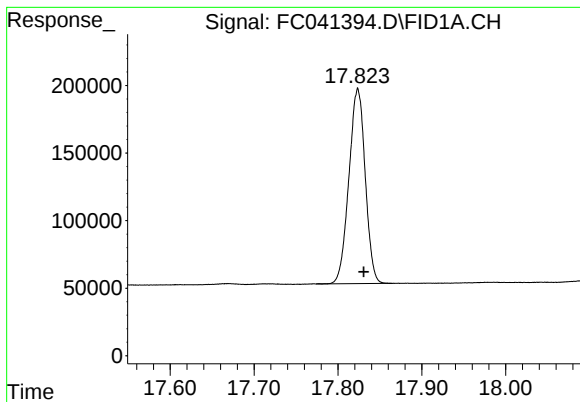
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.006 min
Response: 1929367
Conc: 21.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.938 min
Delta R.T.: -0.007 min
Response: 1967673
Conc: 21.49 ug/ml



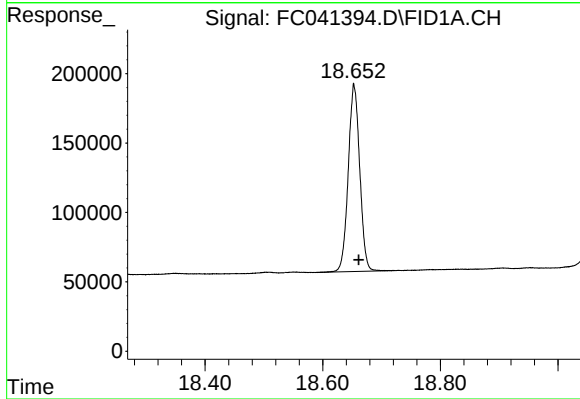
#17 n-Tricontane (C30)

R.T.: 17.824 min

Delta R.T.: -0.007 min

Response: 1946047

Conc: 21.66 ug/ml



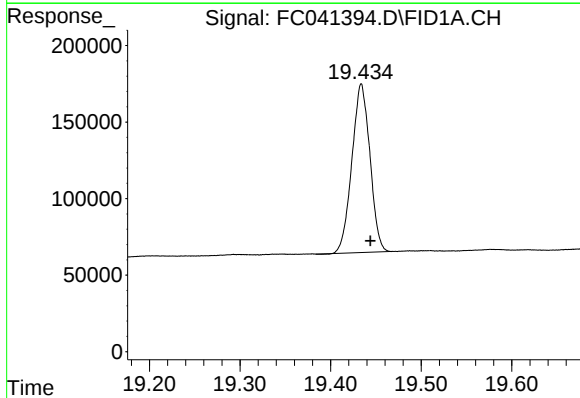
#18 n-Dotriacontane (C32)

R.T.: 18.653 min

Delta R.T.: -0.008 min

Response: 1829570

Conc: 21.86 ug/ml



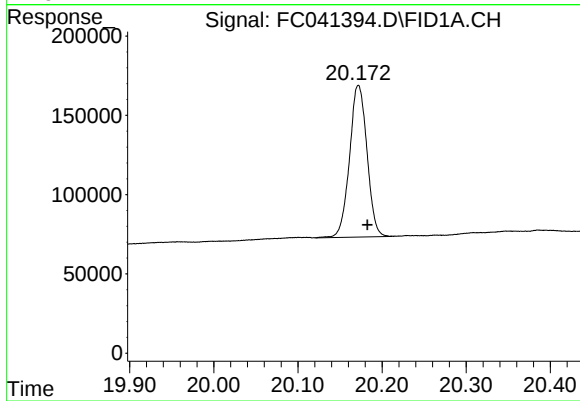
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min

Delta R.T.: -0.010 min

Response: 1524160

Conc: 21.32 ug/ml



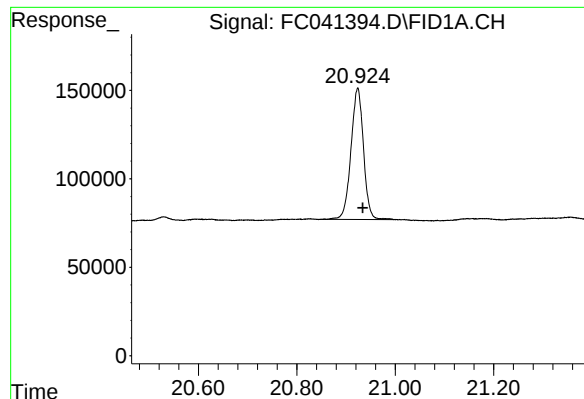
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min

Delta R.T.: -0.010 min

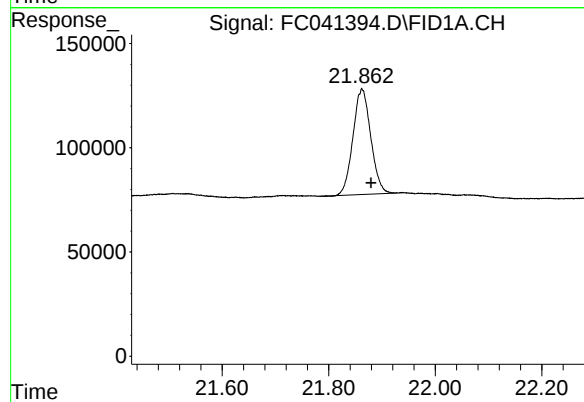
Response: 1377430

Conc: 21.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: -0.010 min
Response: 1311089
Conc: 21.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: -0.017 min
Response: 1172259
Conc: 19.92 ug/ml