

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040320AL\
 Data File : FC046615.D
 Signal(s) : FID1A.CH
 Acq On : 03 Apr 2020 9:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 04 01:33:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.761	2187259	20.009 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	13.178	1705328	19.788 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.543	2028148	21.119 ug/ml
2) T n-Decane (C10)	4.611	2062446	21.474 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2175625	21.714 ug/ml
4) T n-Dodecane (C12)	6.620	2091363	21.426 ug/ml
5) T A~2-methylnaphthalene...	7.262	2201190	21.772 ug/ml
6) T n-Tetradecane (C14)	8.403	2089855	21.223 ug/ml
7) T n-Hexadecane (C16)	9.995	2080177	20.837 ug/ml
8) T n-Octadecane (C18)	11.429	2076569	20.459 ug/ml
10) T n-Eicosane (C20)	12.732	2047104	20.024 ug/ml
11) T n-Heneicosane (C21)	13.341	2042762	19.812 ug/ml
13) T n-Docosane (C22)	13.924	2012286	19.603 ug/ml
14) T n-Tetracosane (C24)	15.023	1989604	19.274 ug/ml
15) T n-Hexacosane (C26)	16.039	1929768	18.809 ug/ml
16) T n-Octacosane (C28)	16.985	1883642	18.508 ug/ml
17) T n-Tricontane (C30)	17.868	1815079	18.526 ug/ml
18) T n-Dotriacontane (C32)	18.696	1558919	18.594 ug/ml
19) T n-Tetratriacontane (C34)	19.476	1347291	18.805 ug/ml
20) T n-Hexatriacontane (C36)	20.212	1282404	18.306 ug/ml
21) T n-Octatriacontane (C38)	20.976	1246002	19.746 ug/ml
22) T n-Tetracontane (C40)	21.939	1290975	18.656 ug/ml

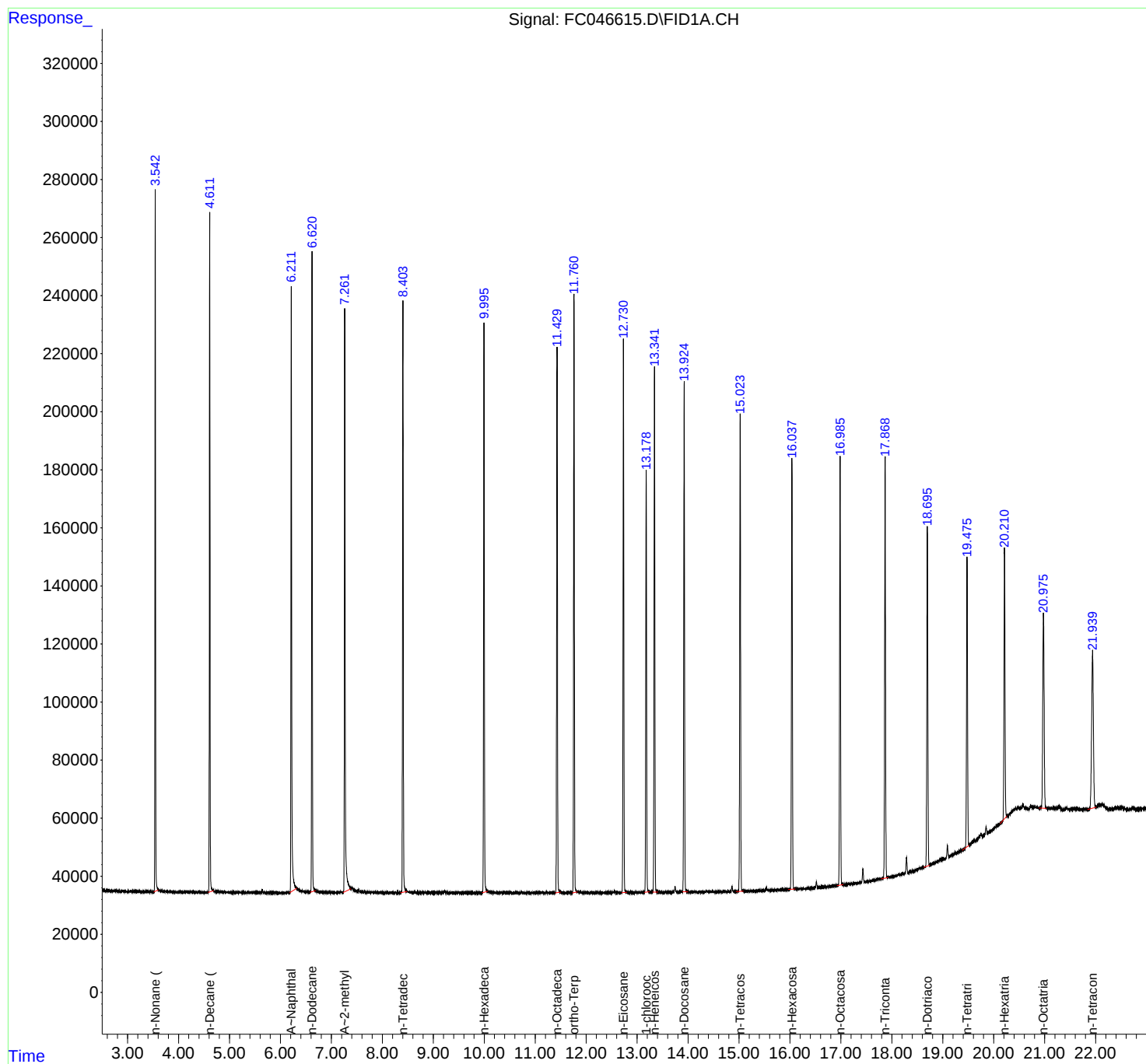
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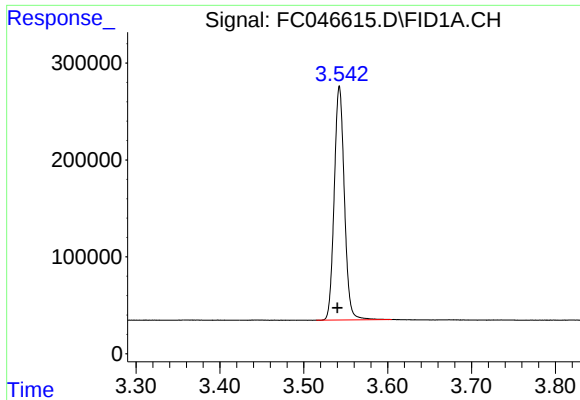
(m)=manual int.

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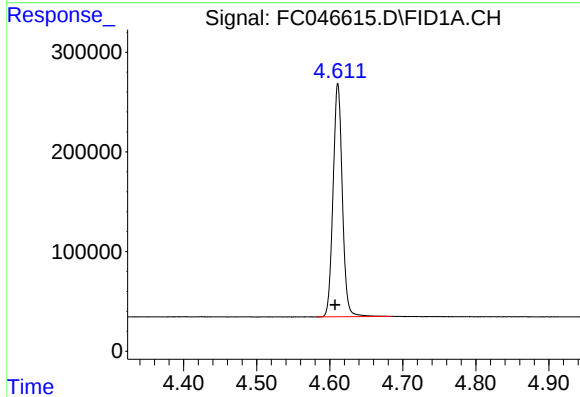
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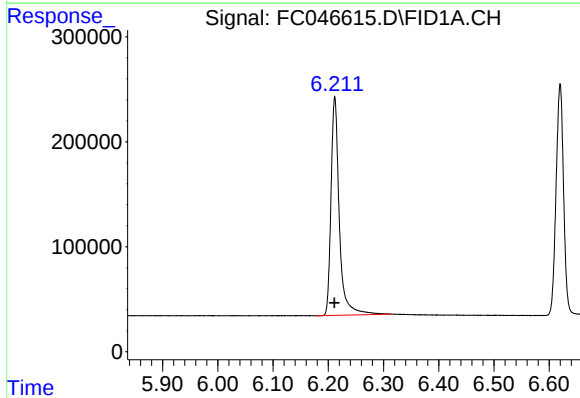
#1 n-Nonane (C9)

R.T.: 3.543 min
Delta R.T.: 0.003 min
Response: 2028148
Conc: 21.12 ug/ml



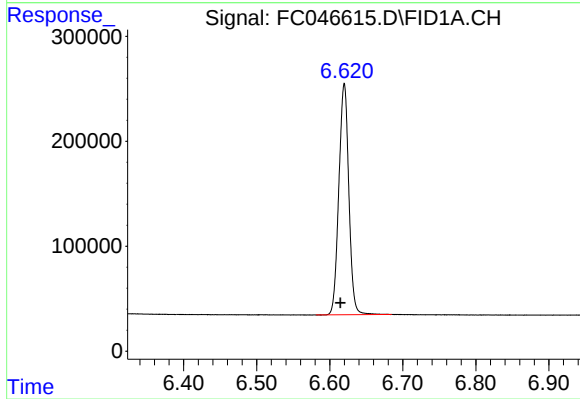
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.004 min
Response: 2062446
Conc: 21.47 ug/ml



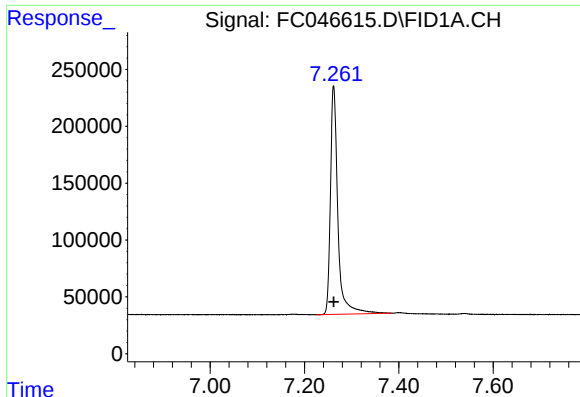
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 2175625
Conc: 21.71 ug/ml



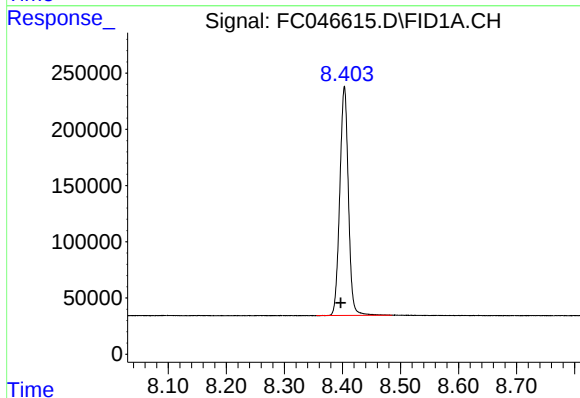
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.005 min
Response: 2091363
Conc: 21.43 ug/ml



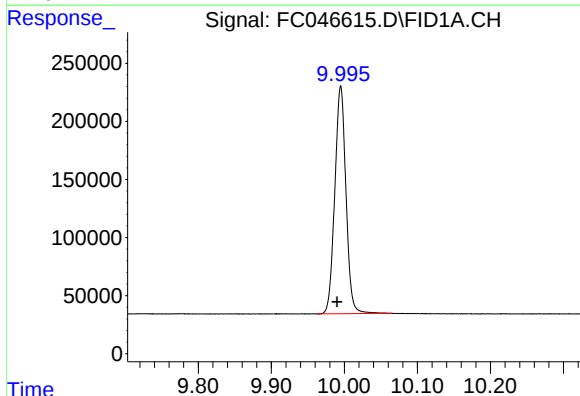
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 2201190
Conc: 21.77 ug/ml



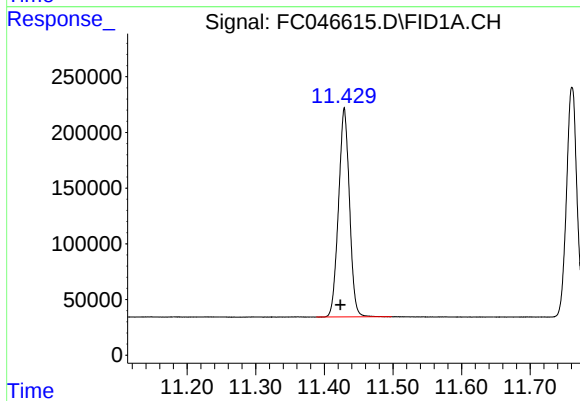
#6 n-Tetradecane (C14)

R.T.: 8.403 min
Delta R.T.: 0.006 min
Response: 2089855
Conc: 21.22 ug/ml



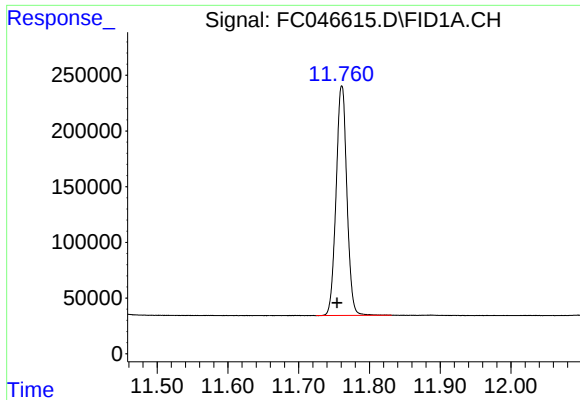
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 2080177
Conc: 20.84 ug/ml



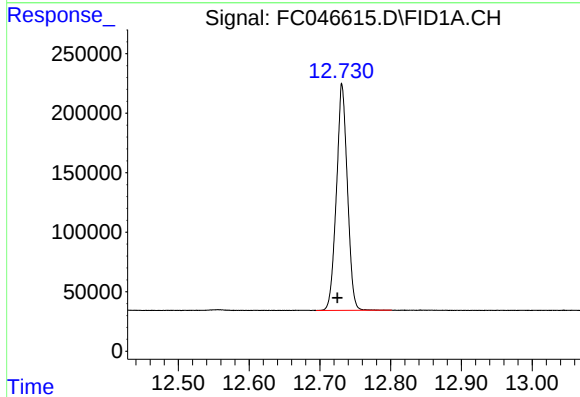
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: 0.006 min
Response: 2076569
Conc: 20.46 ug/ml



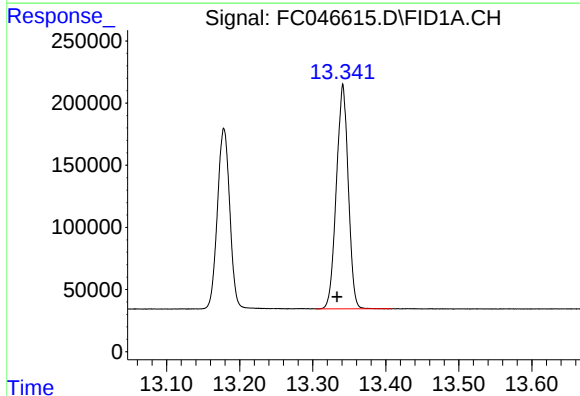
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: 0.007 min
Response: 2187259
Conc: 20.01 ug/ml



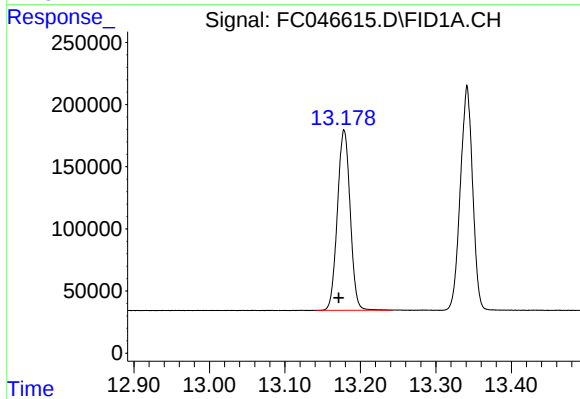
#10 n-Eicosane (C20)

R.T.: 12.732 min
Delta R.T.: 0.007 min
Response: 2047104
Conc: 20.02 ug/ml



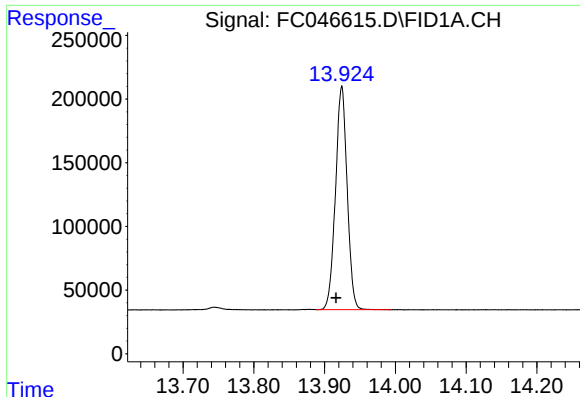
#11 n-Heneicosane (C21)

R.T.: 13.341 min
Delta R.T.: 0.008 min
Response: 2042762
Conc: 19.81 ug/ml



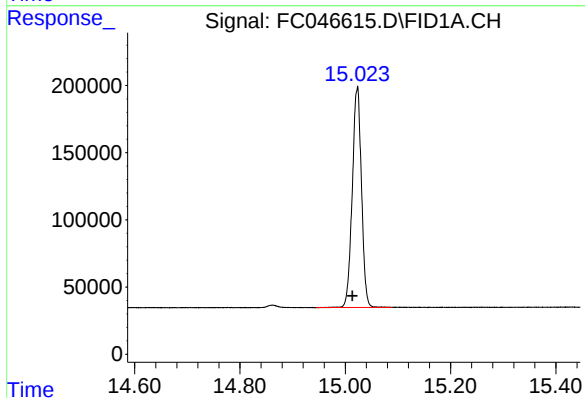
#12 1-chlorooctadecane (SURR)

R.T.: 13.178 min
Delta R.T.: 0.007 min
Response: 1705328
Conc: 19.79 ug/ml



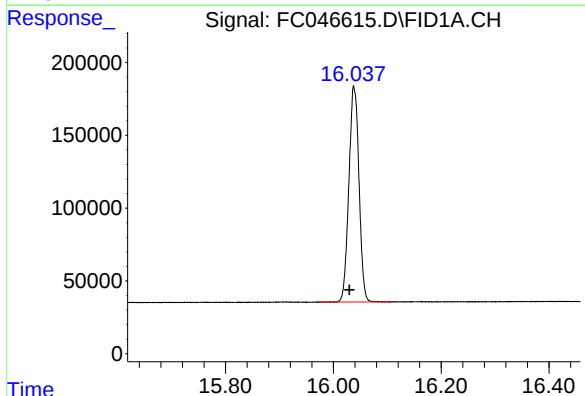
#13 n-Docosane (C22)

R.T.: 13.924 min
Delta R.T.: 0.008 min
Response: 2012286
Conc: 19.60 ug/ml



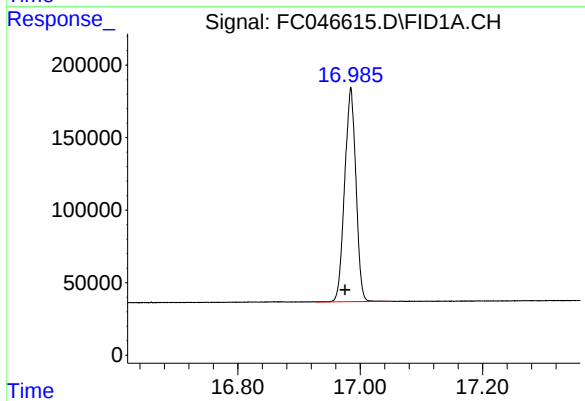
#14 n-Tetracosane (C24)

R.T.: 15.023 min
Delta R.T.: 0.009 min
Response: 1989604
Conc: 19.27 ug/ml



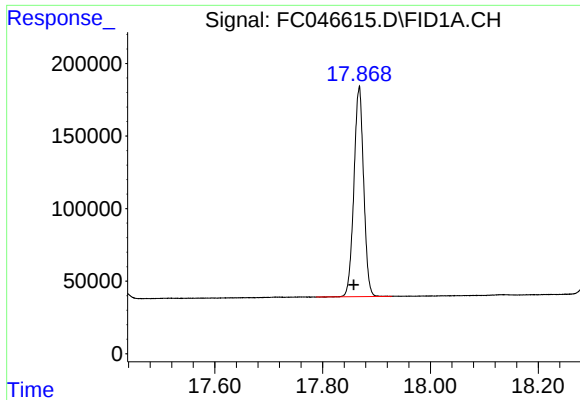
#15 n-Hexacosane (C26)

R.T.: 16.039 min
Delta R.T.: 0.009 min
Response: 1929768
Conc: 18.81 ug/ml



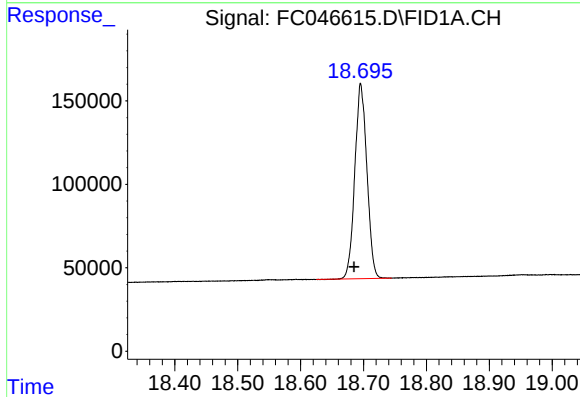
#16 n-Octacosane (C28)

R.T.: 16.985 min
Delta R.T.: 0.009 min
Response: 1883642
Conc: 18.51 ug/ml



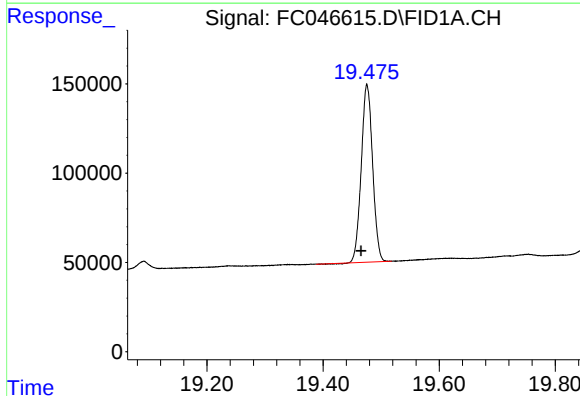
#17 n-Tricontane (C30)

R.T.: 17.868 min
Delta R.T.: 0.010 min
Response: 1815079
Conc: 18.53 ug/ml



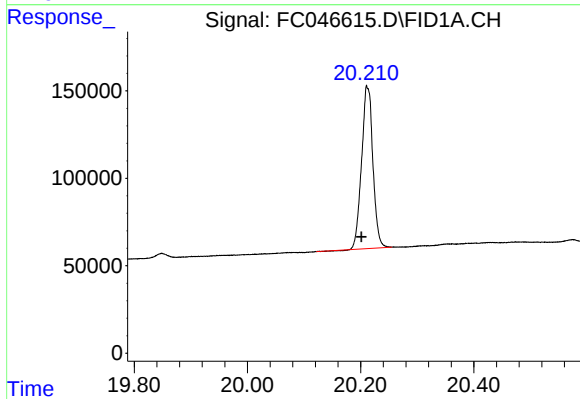
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.011 min
Response: 1558919
Conc: 18.59 ug/ml



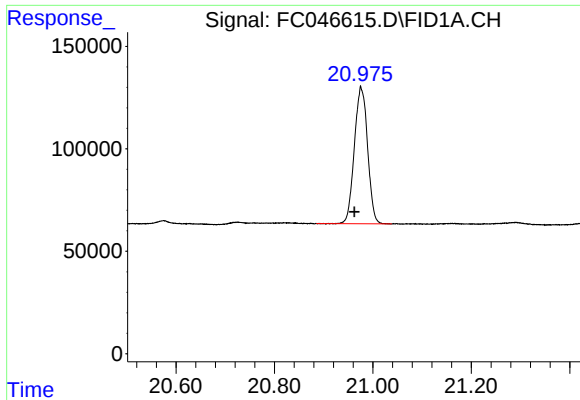
#19 n-Tetratriacontane (C34)

R.T.: 19.476 min
Delta R.T.: 0.010 min
Response: 1347291
Conc: 18.80 ug/ml



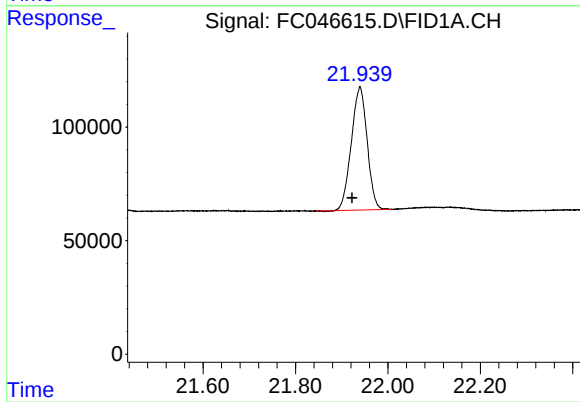
#20 n-Hexatriacontane (C36)

R.T.: 20.212 min
Delta R.T.: 0.011 min
Response: 1282404
Conc: 18.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: 0.014 min
Response: 1246002
Conc: 19.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: 0.017 min
Response: 1290975
Conc: 18.66 ug/ml