

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040120AL\
 Data File : FC046591.D
 Signal(s) : FID1A.CH
 Acq On : 02 Apr 2020 6:59
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 02 07:30:21 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	2107862	19.282 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	13.177	1640889	19.041 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T n-Nonane (C9)	3.543	2014718	20.979 ug/ml
2) T n-Decane (C10)	4.611	2035180	21.190 ug/ml
3) T A~Naphthalene (C11.7)	6.211	2142906	21.387 ug/ml
4) T n-Dodecane (C12)	6.620	2049914	21.001 ug/ml
5) T A~2-methylnaphthalene...	7.262	2149257	21.258 ug/ml
6) T n-Tetradecane (C14)	8.403	2022022	20.535 ug/ml
7) T n-Hexadecane (C16)	9.994	2013068	20.164 ug/ml
8) T n-Octadecane (C18)	11.428	2003457	19.739 ug/ml
10) T n-Eicosane (C20)	12.731	1969552	19.266 ug/ml
11) T n-Heneicosane (C21)	13.341	1963302	19.042 ug/ml
13) T n-Docosane (C22)	13.925	1932712	18.827 ug/ml
14) T n-Tetracosane (C24)	15.023	1895995	18.367 ug/ml
15) T n-Hexacosane (C26)	16.039	1839023	17.924 ug/ml
16) T n-Octacosane (C28)	16.985	1793507	17.622 ug/ml
17) T n-Tricontane (C30)	17.870	1726027	17.617 ug/ml
18) T n-Dotriacontane (C32)	18.698	1499562	17.886 ug/ml
19) T n-Tetratriacontane (C34)	19.476	1292778	18.044 ug/ml
20) T n-Hexatriacontane (C36)	20.215	1246690	17.796 ug/ml
21) T n-Octatriacontane (C38)	20.976	1232159	19.526 ug/ml
22) T n-Tetracontane (C40)	21.940	1261467	18.230 ug/ml

(f)=RT Delta > 1/2 Window

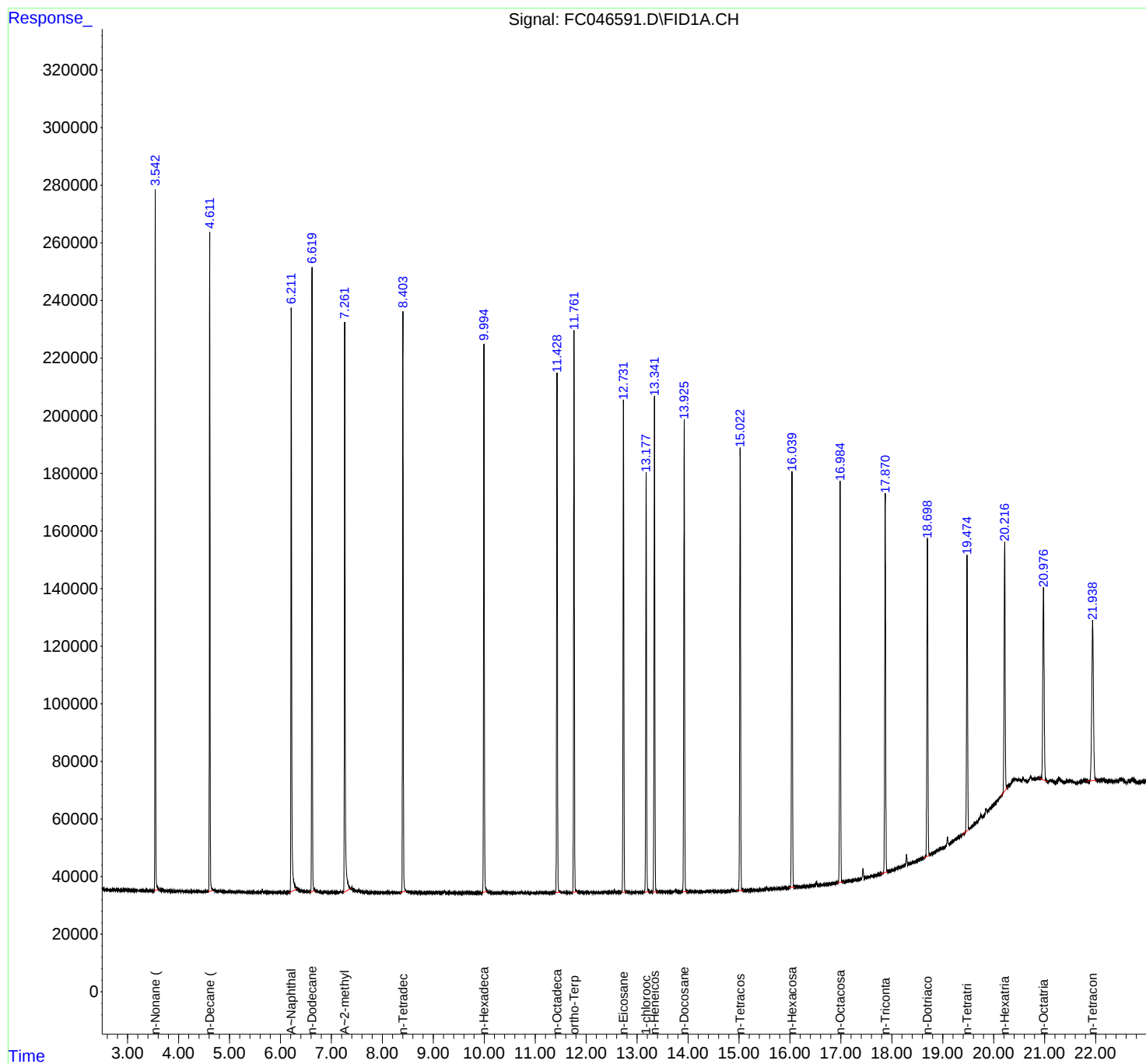
(m)=manual int.

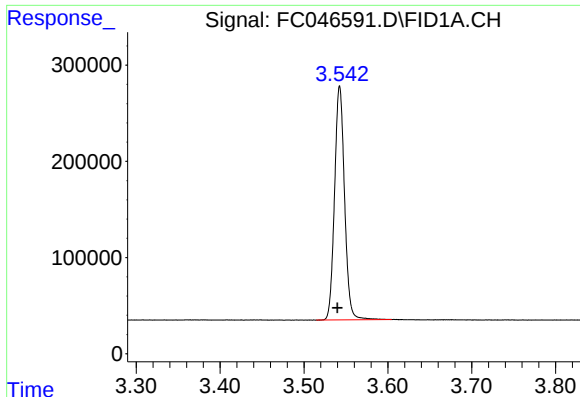
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040120AL\
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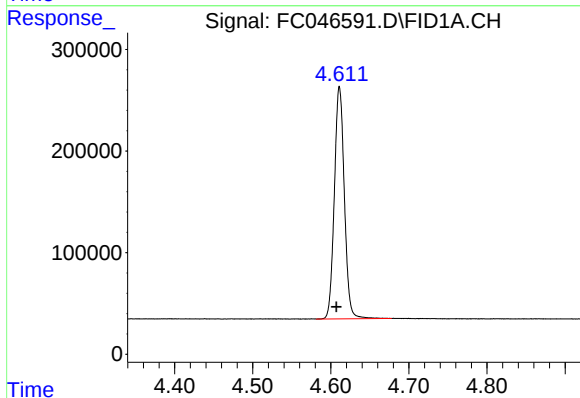




#1 n-Nonane (C9)

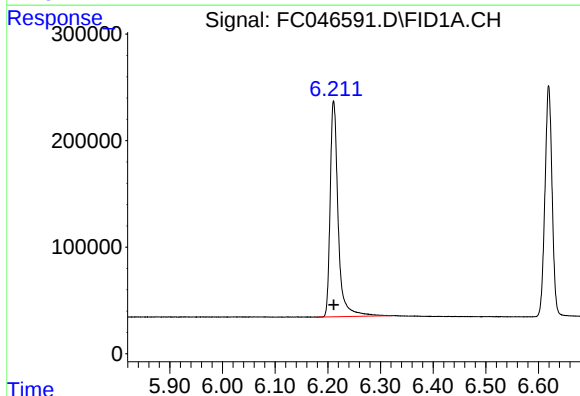
R.T.: 3.543 min
Delta R.T.: 0.003 min
Response: 2014718
Conc: 20.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



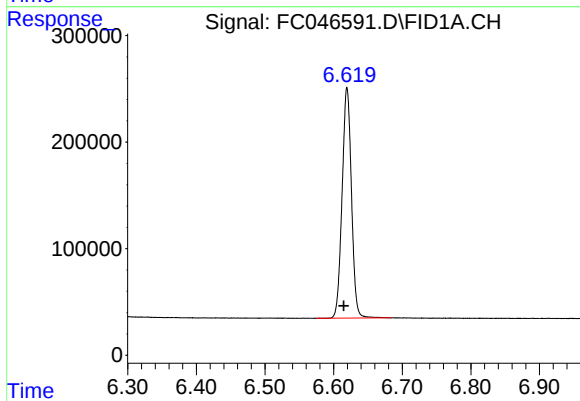
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.004 min
Response: 2035180
Conc: 21.19 ug/ml



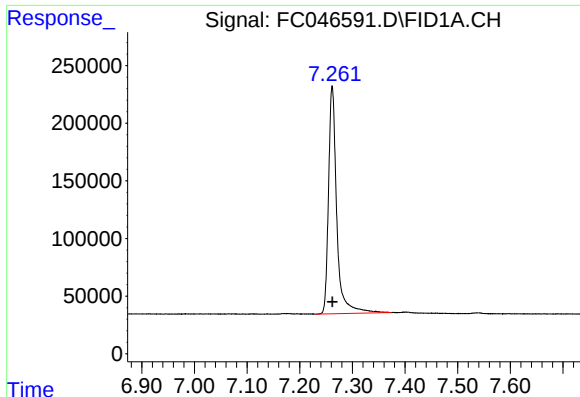
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 2142906
Conc: 21.39 ug/ml



#4 n-Dodecane (C12)

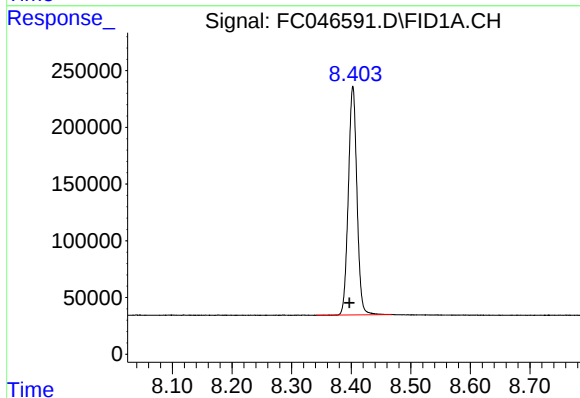
R.T.: 6.620 min
Delta R.T.: 0.005 min
Response: 2049914
Conc: 21.00 ug/ml



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

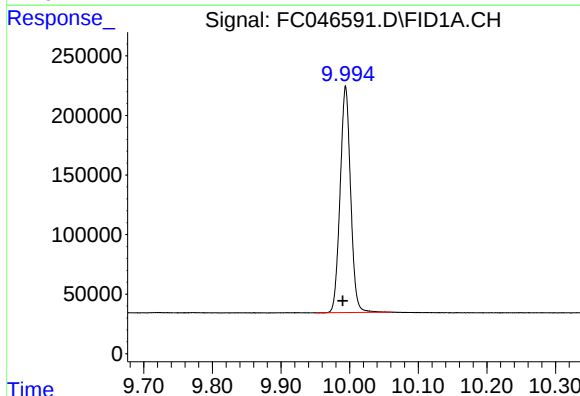
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 2149257
Conc: 21.26 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



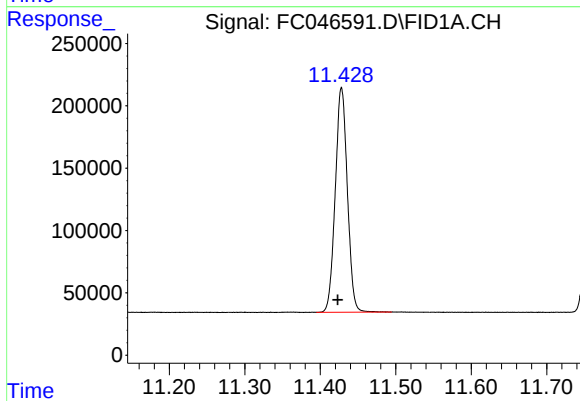
#6 n-Tetradecane (C14)

R.T.: 8.403 min
Delta R.T.: 0.006 min
Response: 2022022
Conc: 20.53 ug/ml



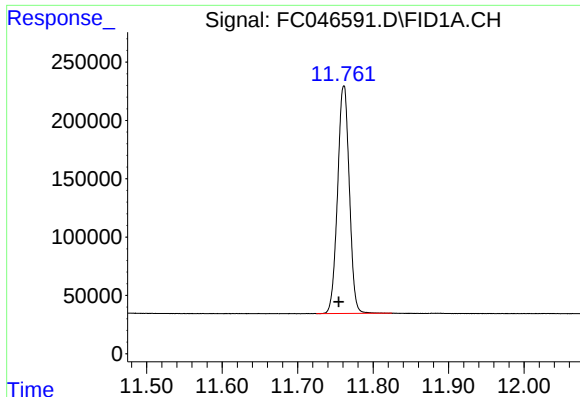
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: 0.004 min
Response: 2013068
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

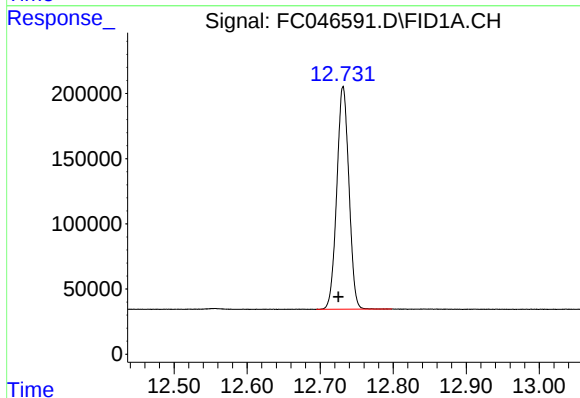
R.T.: 11.428 min
Delta R.T.: 0.005 min
Response: 2003457
Conc: 19.74 ug/ml



#9 ortho-Terphenyl (SURR)

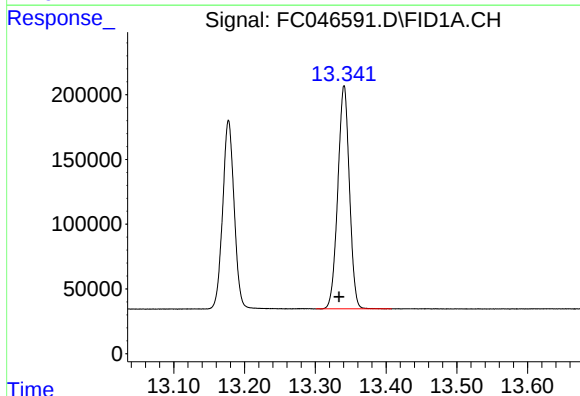
R.T.: 11.761 min
Delta R.T.: 0.007 min
Response: 2107862
Conc: 19.28 ug/ml

Instrument :
FID_C
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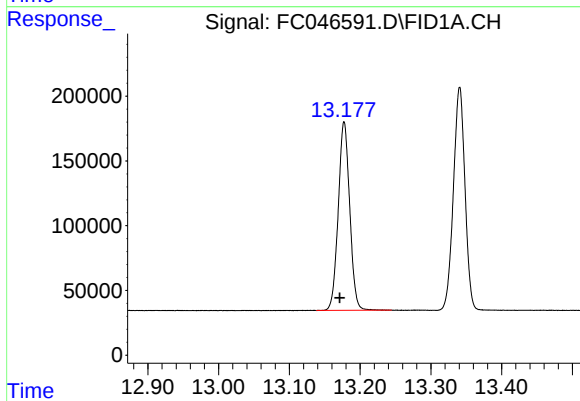
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: 0.006 min
Response: 1969552
Conc: 19.27 ug/ml



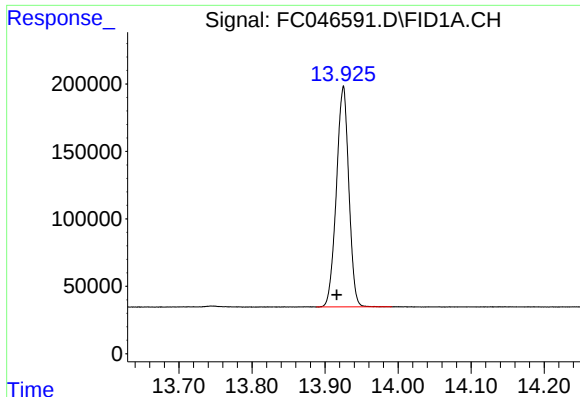
#11 n-Heneicosane (C21)

R.T.: 13.341 min
Delta R.T.: 0.007 min
Response: 1963302
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

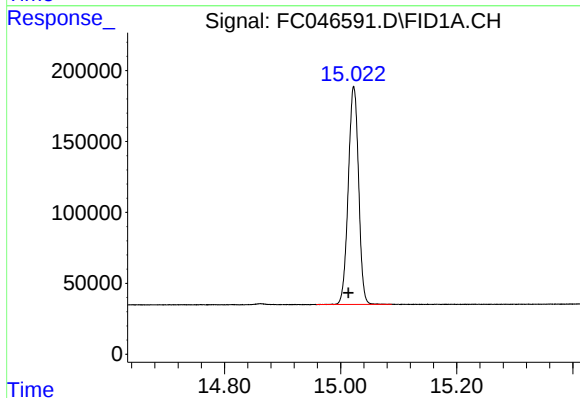
R.T.: 13.177 min
Delta R.T.: 0.006 min
Response: 1640889
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

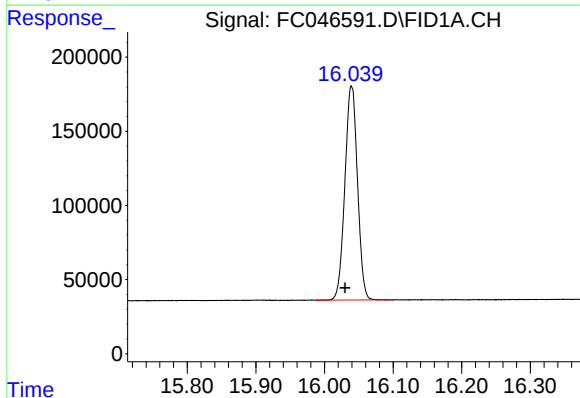
R.T.: 13.925 min
Delta R.T.: 0.009 min
Response: 1932712
Conc: 18.83 ug/ml

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20 PPM ALIPHATIC HC STD



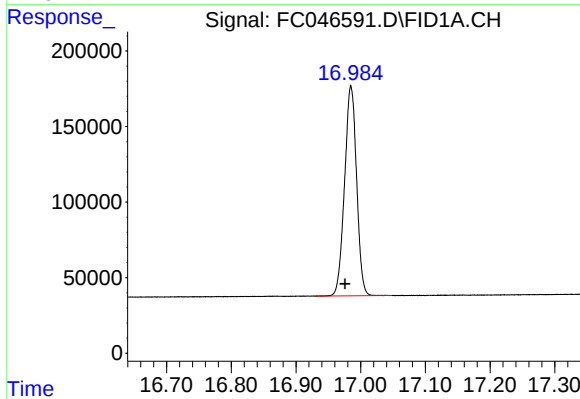
#14 n-Tetracosane (C24)

R.T.: 15.023 min
Delta R.T.: 0.009 min
Response: 1895995
Conc: 18.37 ug/ml



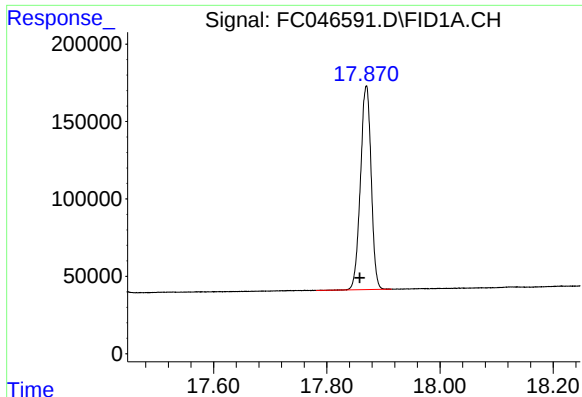
#15 n-Hexacosane (C26)

R.T.: 16.039 min
Delta R.T.: 0.009 min
Response: 1839023
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

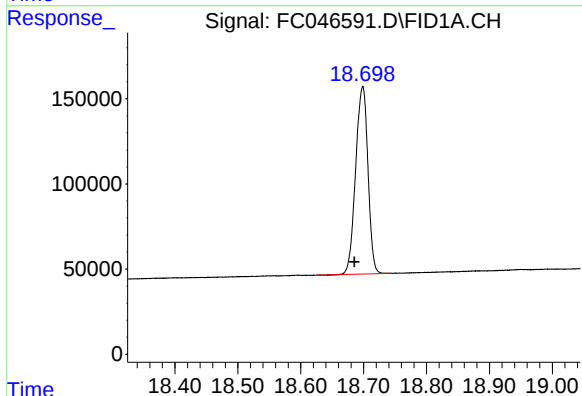
R.T.: 16.985 min
Delta R.T.: 0.009 min
Response: 1793507
Conc: 17.62 ug/ml



#17 n-Tricontane (C30)

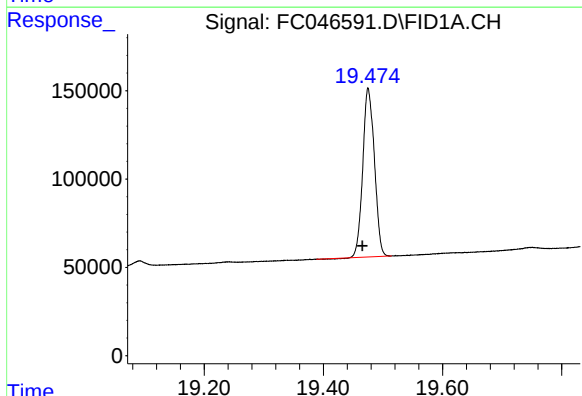
R.T.: 17.870 min
Delta R.T.: 0.012 min
Response: 1726027
Conc: 17.62 ug/ml

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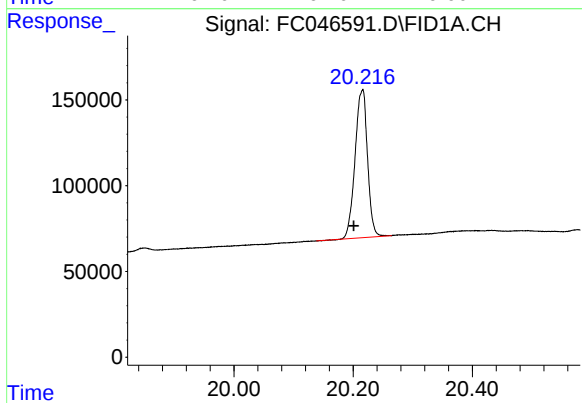
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: 0.013 min
Response: 1499562
Conc: 17.89 ug/ml



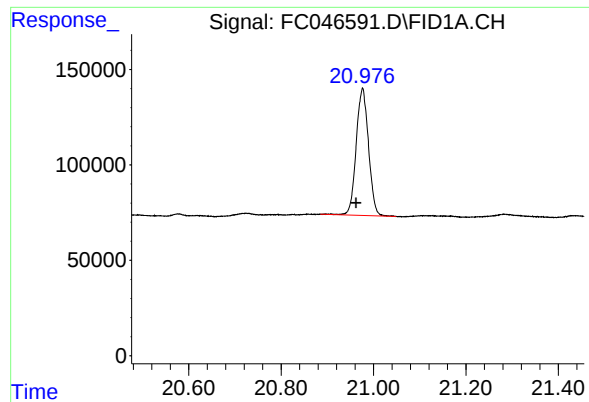
#19 n-Tetratriacontane (C34)

R.T.: 19.476 min
Delta R.T.: 0.010 min
Response: 1292778
Conc: 18.04 ug/ml



#20 n-Hexatriacontane (C36)

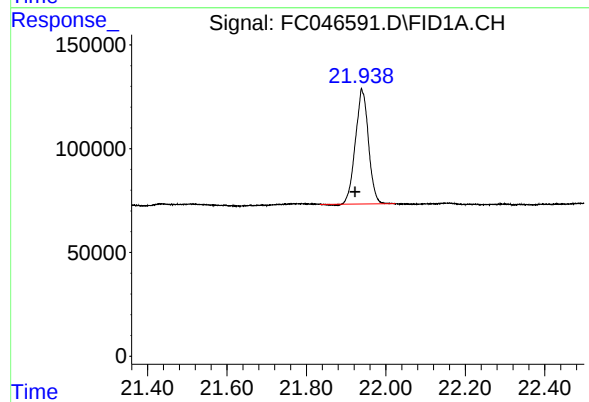
R.T.: 20.215 min
Delta R.T.: 0.013 min
Response: 1246690
Conc: 17.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: 0.014 min
Response: 1232159
Conc: 19.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.940 min
Delta R.T.: 0.017 min
Response: 1261467
Conc: 18.23 ug/ml