

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040220AL\
 Data File : FC046594.D
 Signal(s) : FID1A.CH
 Acq On : 02 Apr 2020 12:06
 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 17:25:49 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)	11.762	2138385	19.562 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
12) S 1-chlorooctadecane (S...	13.179	1656187	19.218 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	3.540	2040377	21.246 ug/ml
2) T n-Decane (C10)	4.608	2055869	21.405 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2166420	21.622 ug/ml
4) T n-Dodecane (C12)	6.618	2073218	21.240 ug/ml
5) T A~2-methylnaphthalene...	7.260	2182345	21.586 ug/ml
6) T n-Tetradecane (C14)	8.402	2059627	20.916 ug/ml
7) T n-Hexadecane (C16)	9.995	2042126	20.455 ug/ml
8) T n-Octadecane (C18)	11.429	2042712	20.126 ug/ml
10) T n-Eicosane (C20)	12.733	2010491	19.666 ug/ml
11) T n-Heneicosane (C21)	13.342	1993926	19.339 ug/ml
13) T n-Docosane (C22)	13.927	1959527	19.089 ug/ml
14) T n-Tetracosane (C24)	15.024	1916427	18.565 ug/ml
15) T n-Hexacosane (C26)	16.041	1864841	18.176 ug/ml
16) T n-Octacosane (C28)	16.987	1822108	17.903 ug/ml
17) T n-Tricontane (C30)	17.871	1751506	17.877 ug/ml
18) T n-Dotriacontane (C32)	18.701	1517761	18.103 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1305519	18.222 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1237964	17.672 ug/ml
21) T n-Octatriacontane (C38)	20.981	1199092	19.002 ug/ml
22) T n-Tetracontane (C40)	21.942	1244534	17.985 ug/ml

(f)=RT Delta > 1/2 Window

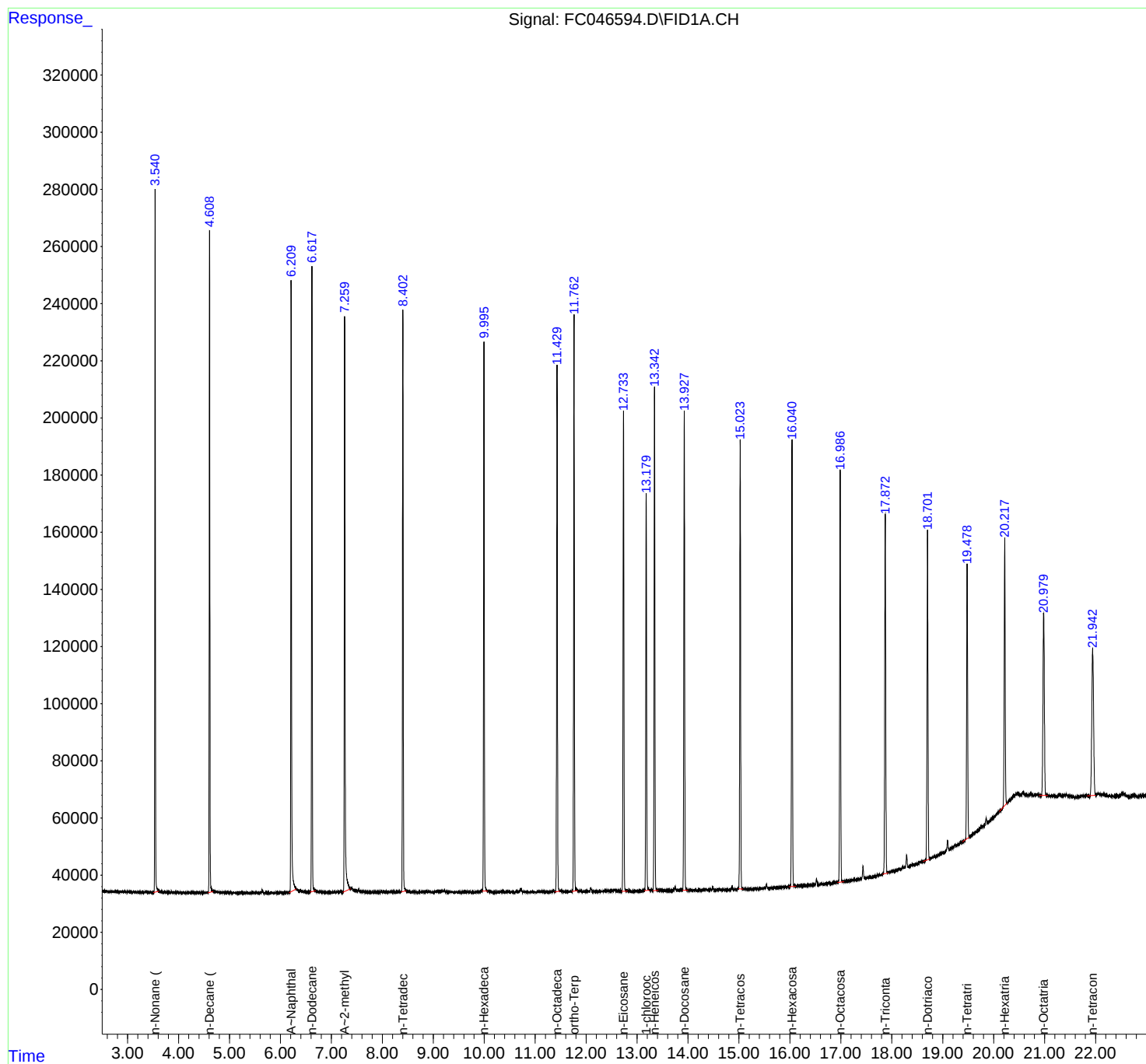
(m)=manual int.

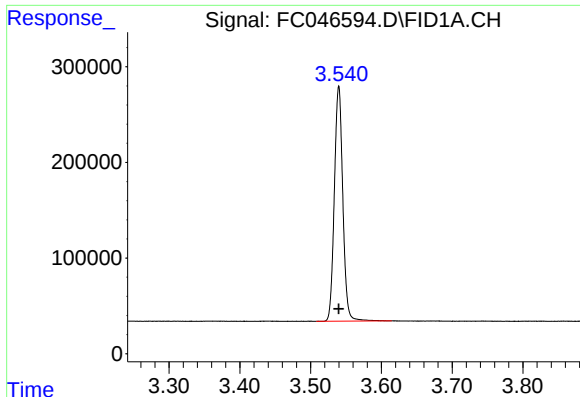
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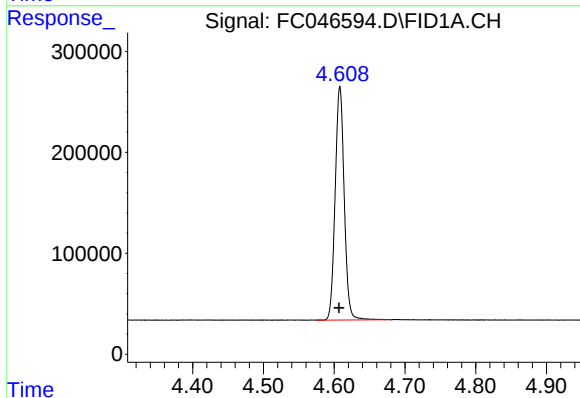




#1 n-Nonane (C9)

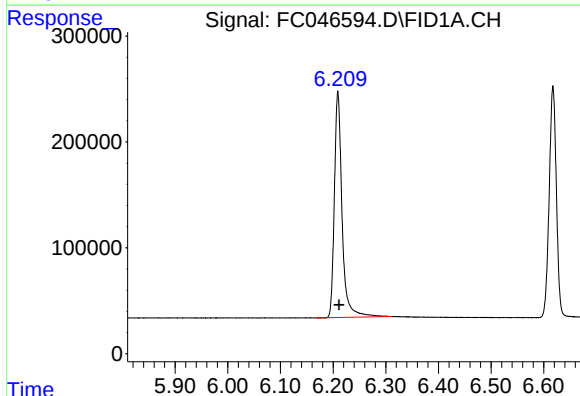
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 2040377
Conc: 21.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



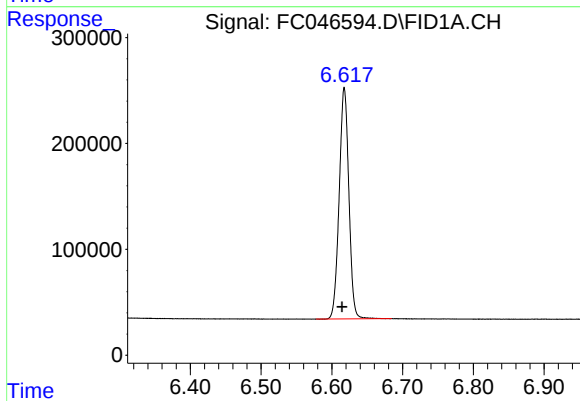
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2055869
Conc: 21.41 ug/ml



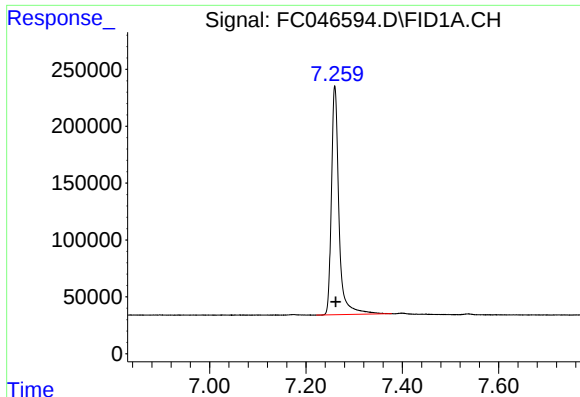
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 2166420
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

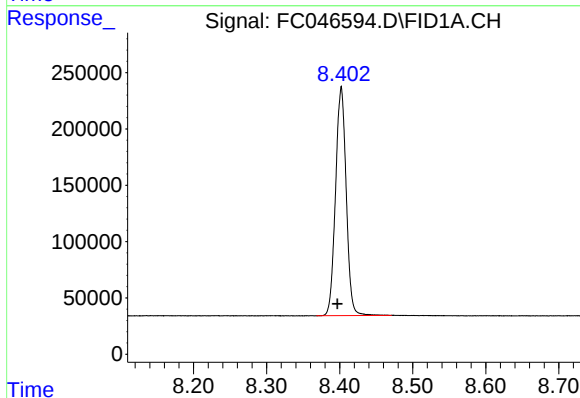
R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 2073218
Conc: 21.24 ug/ml



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

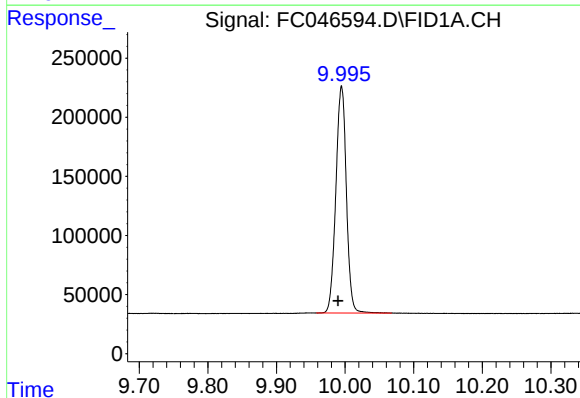
R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 2182345
Conc: 21.59 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



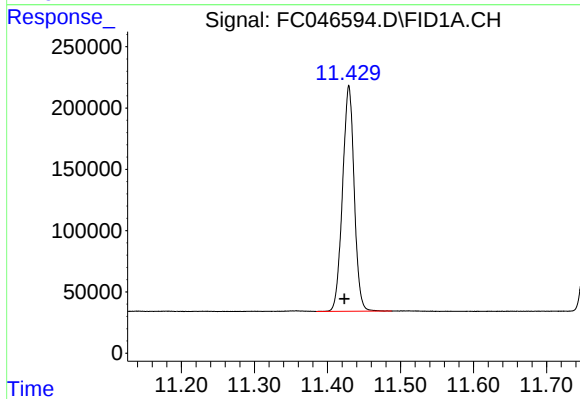
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.005 min
Response: 2059627
Conc: 20.92 ug/ml



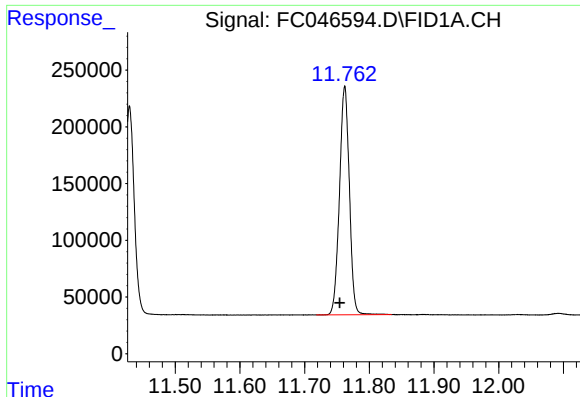
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 2042126
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

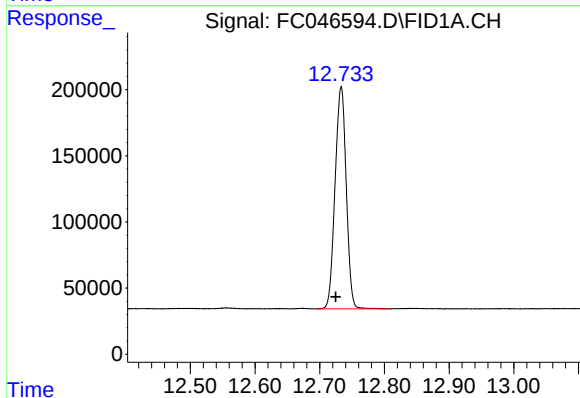
R.T.: 11.429 min
Delta R.T.: 0.006 min
Response: 2042712
Conc: 20.13 ug/ml



#9 ortho-Terphenyl (SURR)

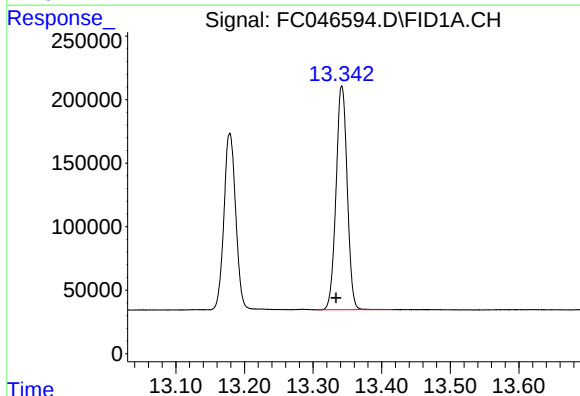
R.T.: 11.762 min
Delta R.T.: 0.008 min
Response: 2138385
Conc: 19.56 ug/ml

Instrument :
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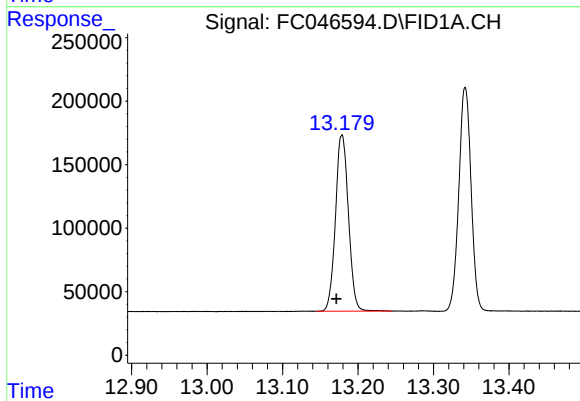
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: 0.008 min
Response: 2010491
Conc: 19.67 ug/ml



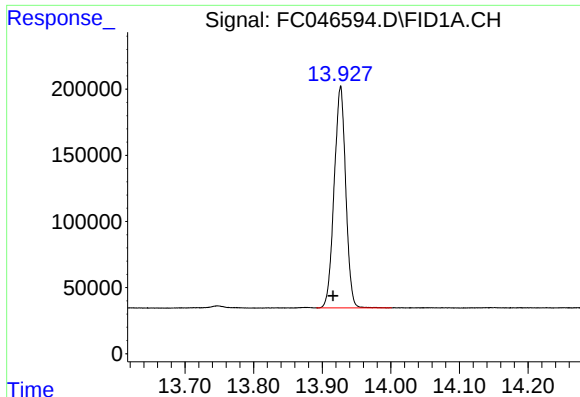
#11 n-Heneicosane (C21)

R.T.: 13.342 min
Delta R.T.: 0.008 min
Response: 1993926
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

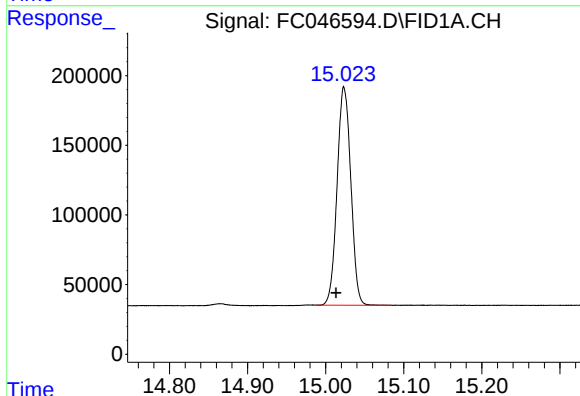
R.T.: 13.179 min
Delta R.T.: 0.008 min
Response: 1656187
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

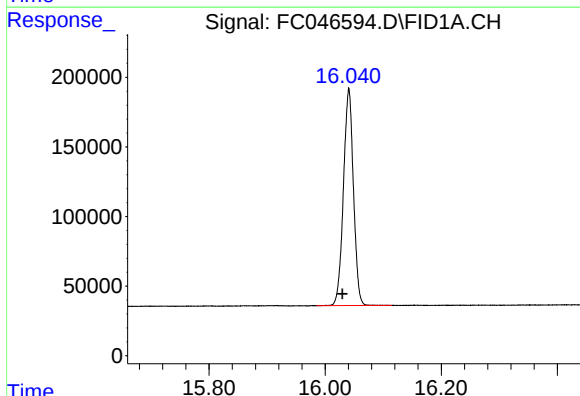
R.T.: 13.927 min
Delta R.T.: 0.011 min
Response: 1959527
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



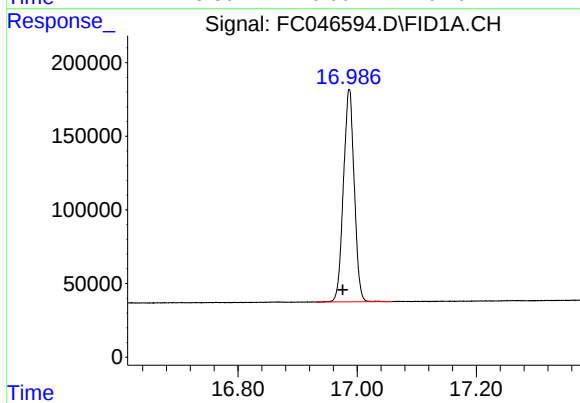
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: 0.010 min
Response: 1916427
Conc: 18.57 ug/ml



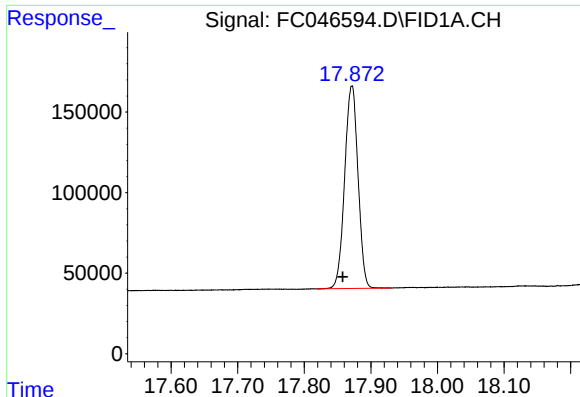
#15 n-Hexacosane (C26)

R.T.: 16.041 min
Delta R.T.: 0.011 min
Response: 1864841
Conc: 18.18 ug/ml



#16 n-Octacosane (C28)

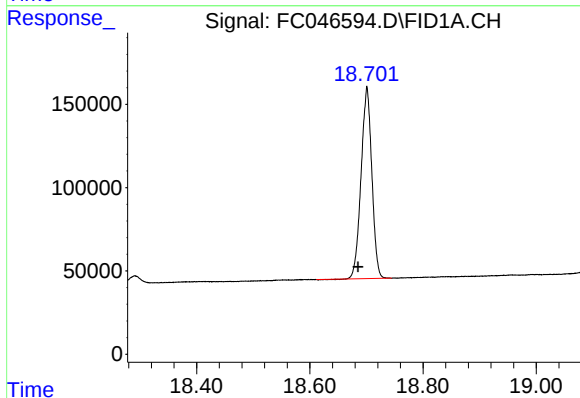
R.T.: 16.987 min
Delta R.T.: 0.011 min
Response: 1822108
Conc: 17.90 ug/ml



#17 n-Tricontane (C30)

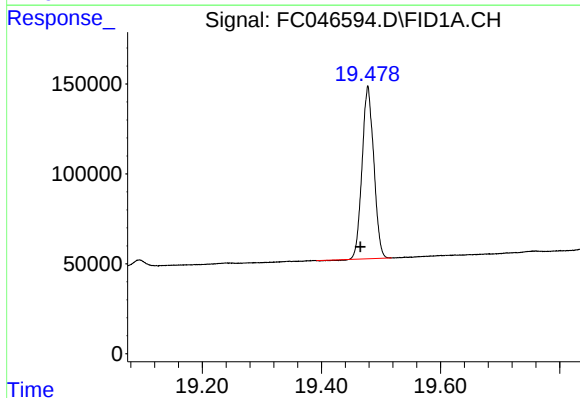
R.T.: 17.871 min
Delta R.T.: 0.013 min
Response: 1751506
Conc: 17.88 ug/ml

Instrument :
FID_C
ClientSampleId :
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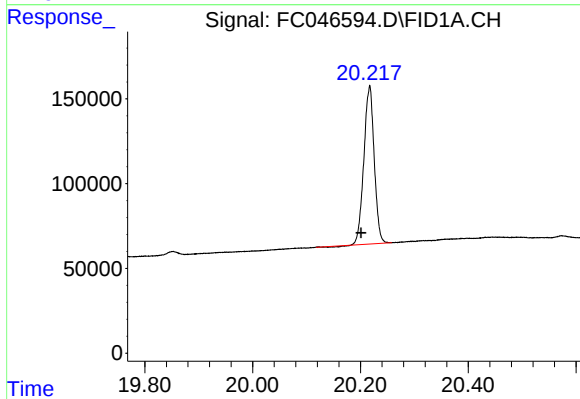
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: 0.016 min
Response: 1517761
Conc: 18.10 ug/ml



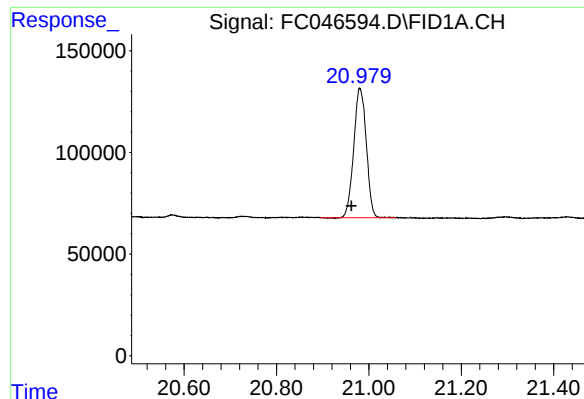
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min
Delta R.T.: 0.012 min
Response: 1305519
Conc: 18.22 ug/ml



#20 n-Hexatriacontane (C36)

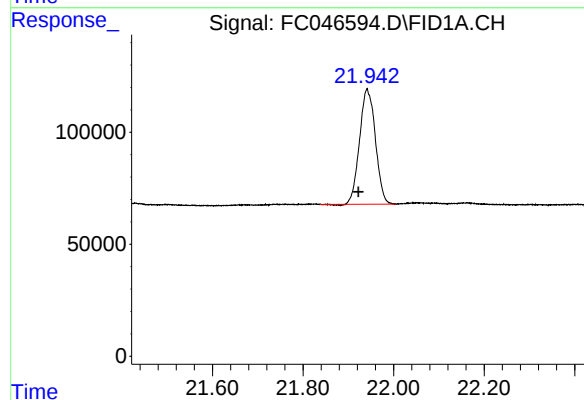
R.T.: 20.217 min
Delta R.T.: 0.015 min
Response: 1237964
Conc: 17.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.981 min
Delta R.T.: 0.018 min
Response: 1199092
Conc: 19.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: 0.019 min
Response: 1244534
Conc: 17.98 ug/ml