

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020521AL\
 Data File : FC051912.D
 Signal(s) : FID1A.CH
 Acq On : 06 Feb 2021 00:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 06 00:31:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.697	2223195	17.427 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
12) S 1-chlorooctadecane (S...	13.128	1770515	17.189 ug/ml
Spiked Amount 50.000		Recovery =	34.38%
Target Compounds			
1) T n-Nonane (C9)	3.447	2073057	18.911 ug/ml
2) T n-Decane (C10)	4.517	2102700	19.025 ug/ml
3) T A~Naphthalene (C11.7)	6.111	2359344	18.922 ug/ml
4) T n-Dodecane (C12)	6.537	2143674	19.032 ug/ml
5) T A~2-methylnaphthalene...	7.168	2406313	18.825 ug/ml
6) T n-Tetradecane (C14)	8.332	2153960	18.912 ug/ml
7) T n-Hexadecane (C16)	9.932	2114347	18.612 ug/ml
8) T n-Octadecane (C18)	11.374	2166921	18.178 ug/ml
10) T n-Eicosane (C20)	12.682	2133354	17.636 ug/ml
11) T n-Heneicosane (C21)	13.295	2096572	17.258 ug/ml
13) T n-Docosane (C22)	13.881	2064629	16.977 ug/ml
14) T n-Tetracosane (C24)	14.984	1979353	16.241 ug/ml
15) T n-Hexacosane (C26)	16.004	1873247	15.650 ug/ml
16) T n-Octacosane (C28)	16.953	1792156	15.318 ug/ml
17) T n-Tricontane (C30)	17.840	1733444	15.439 ug/ml
18) T n-Dotriacontane (C32)	18.672	1678776	16.224 ug/ml
19) T n-Tetratriacontane (C34)	19.455	1655380	17.491 ug/ml
20) T n-Hexatriacontane (C36)	20.196	1616574	18.564 ug/ml
21) T n-Octatriacontane (C38)	20.951	1590897	19.384 ug/ml
22) T n-Tetracontane (C40)	21.900	1621436	18.979 ug/ml

(f)=RT Delta > 1/2 Window

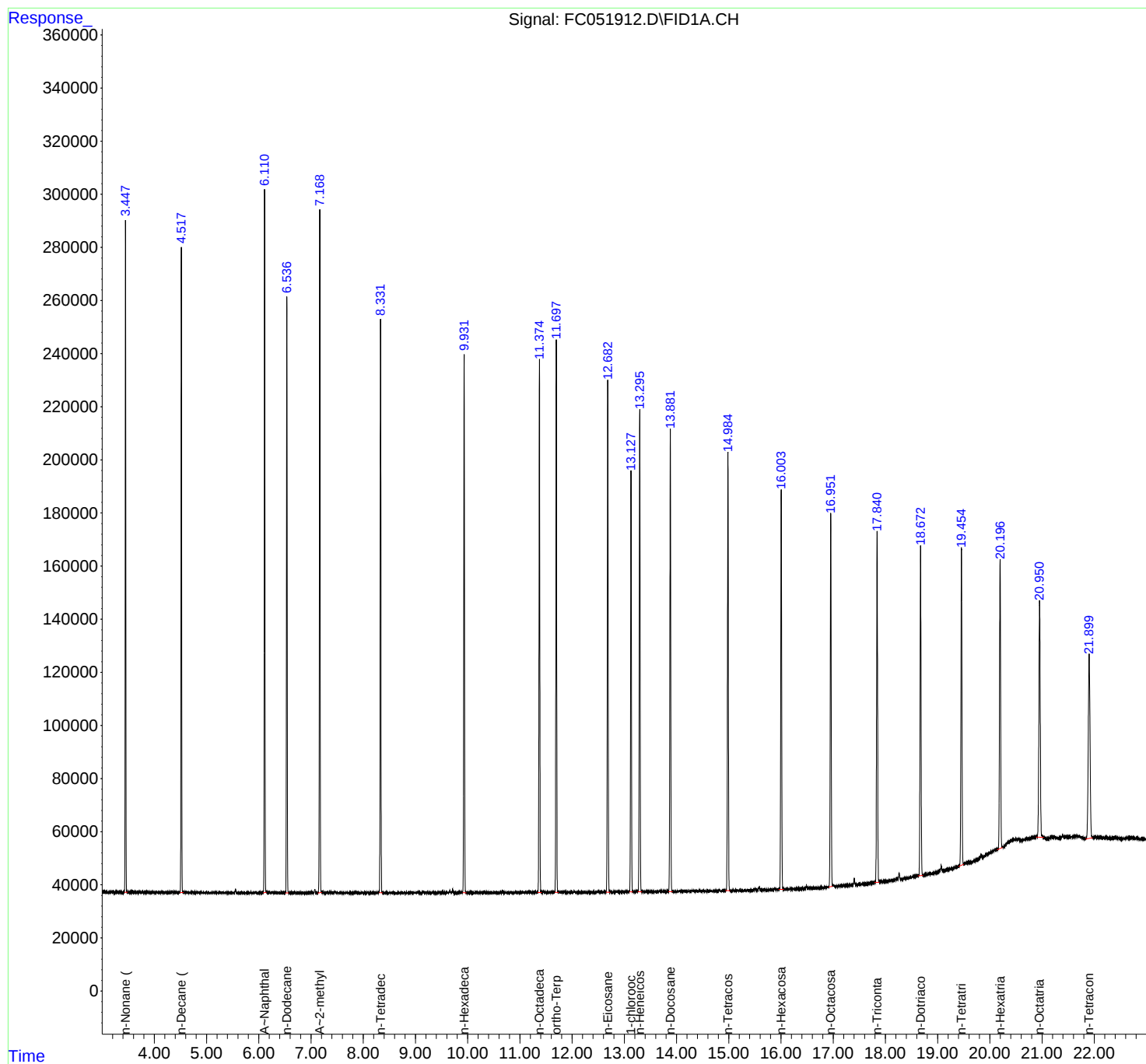
(m)=manual int.

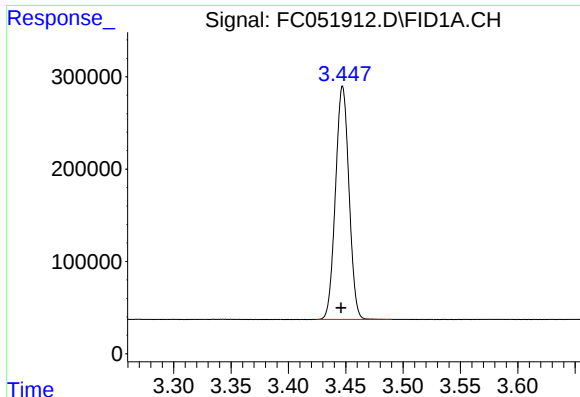
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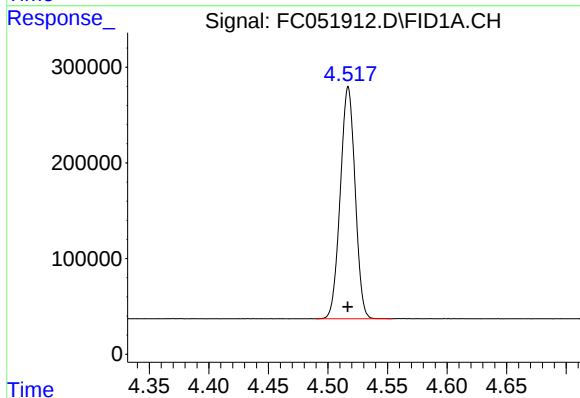




#1 n-Nonane (C9)

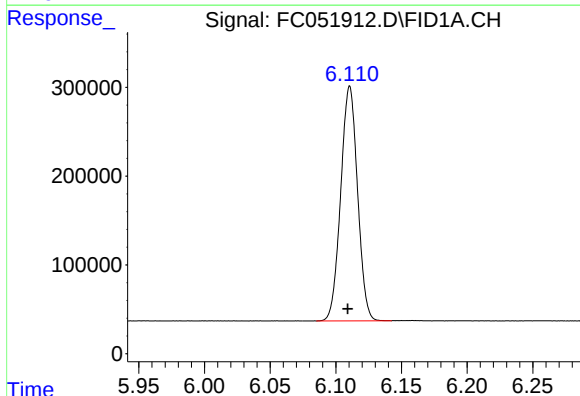
R.T.: 3.447 min
Delta R.T.: 0.001 min
Response: 2073057
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :



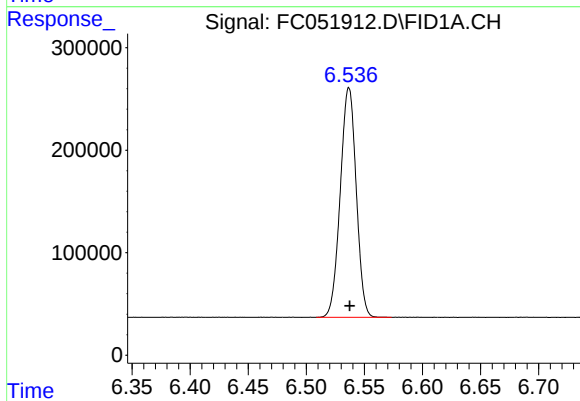
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2102700
Conc: 19.03 ug/ml



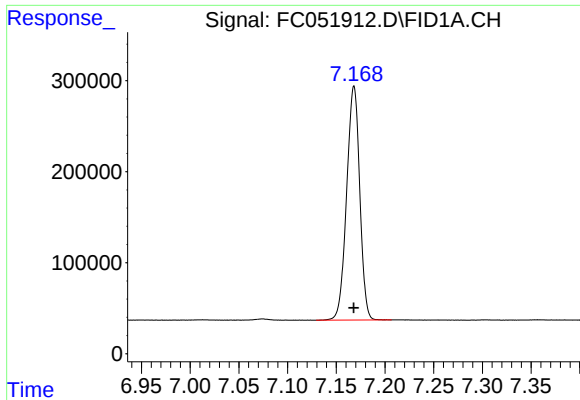
#3 A~Naphthalene (C11.7)

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 2359344
Conc: 18.92 ug/ml



#4 n-Dodecane (C12)

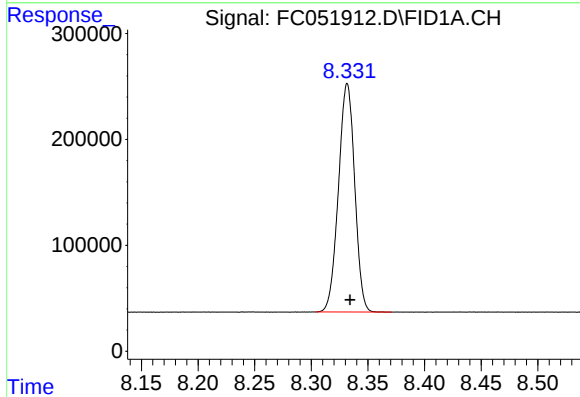
R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 2143674
Conc: 19.03 ug/ml



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

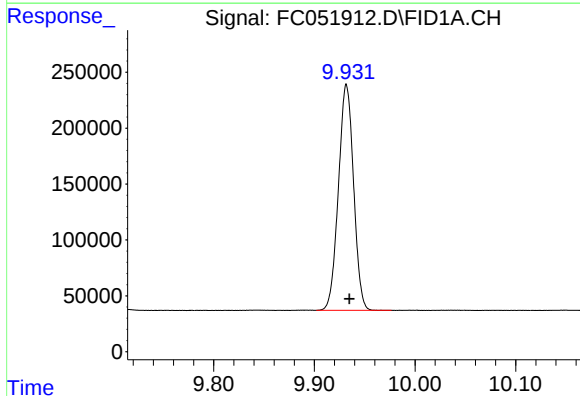
R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 2406313
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :



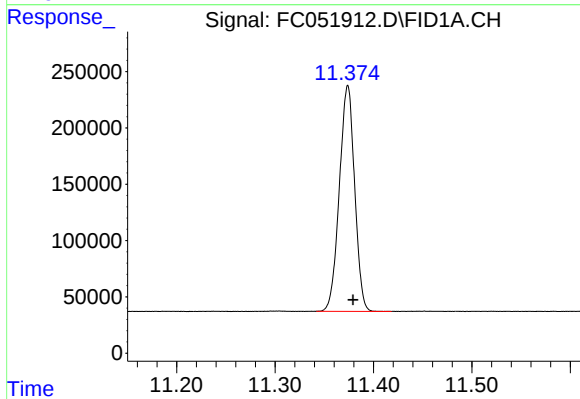
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 2153960
Conc: 18.91 ug/ml



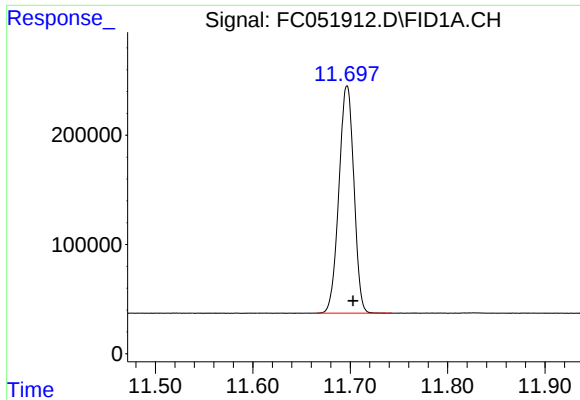
#7 n-Hexadecane (C16)

R.T.: 9.932 min
Delta R.T.: -0.003 min
Response: 2114347
Conc: 18.61 ug/ml



#8 n-Octadecane (C18)

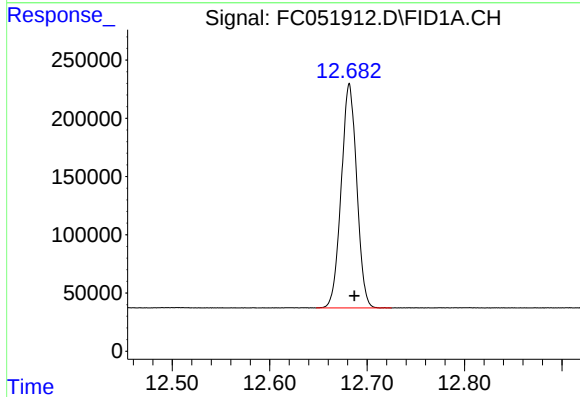
R.T.: 11.374 min
Delta R.T.: -0.005 min
Response: 2166921
Conc: 18.18 ug/ml



#9 ortho-Terphenyl (SURR)

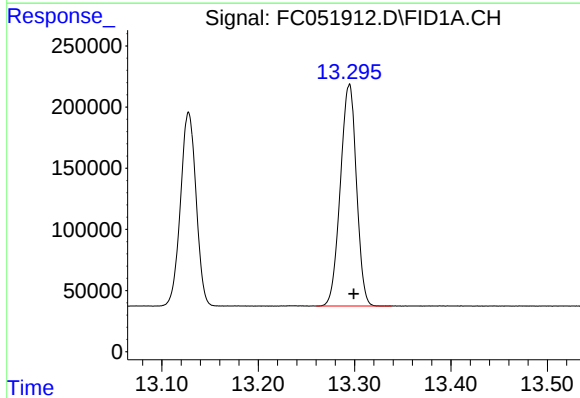
R.T.: 11.697 min
Delta R.T.: -0.006 min
Response: 2223195
Conc: 17.43 ug/ml

Instrument :
FID_C
ClientSampleId :



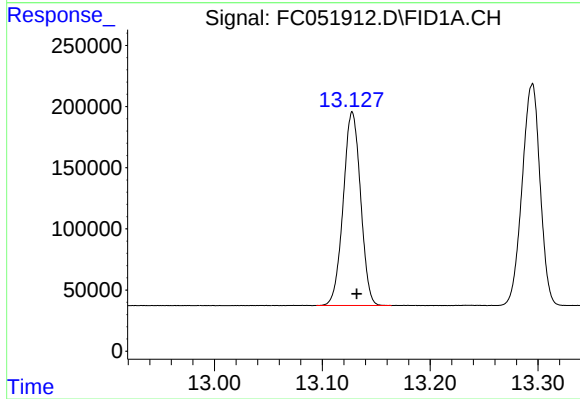
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: -0.005 min
Response: 2133354
Conc: 17.64 ug/ml



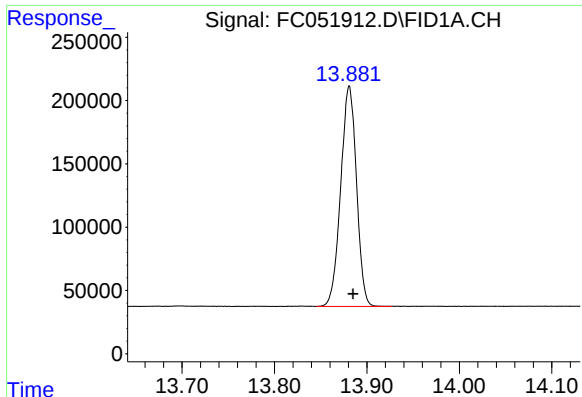
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: -0.004 min
Response: 2096572
Conc: 17.26 ug/ml



#12 1-chlorooctadecane (SURR)

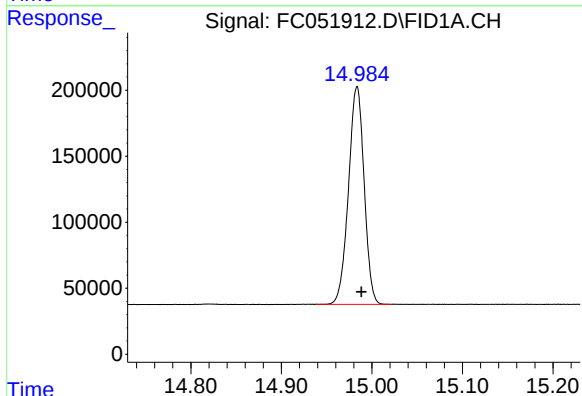
R.T.: 13.128 min
Delta R.T.: -0.004 min
Response: 1770515
Conc: 17.19 ug/ml



#13 n-Docosane (C22)

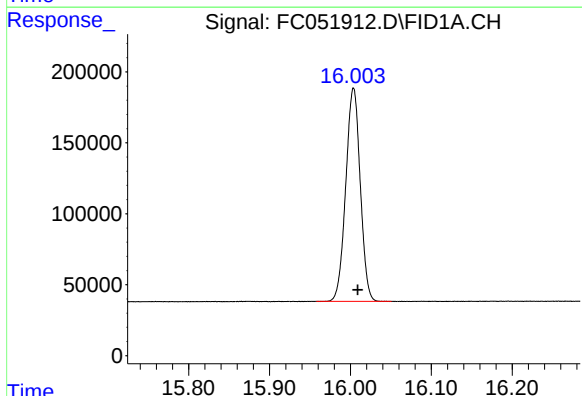
R.T.: 13.881 min
Delta R.T.: -0.004 min
Response: 2064629
Conc: 16.98 ug/ml

Instrument :
FID_C
ClientSampleId :



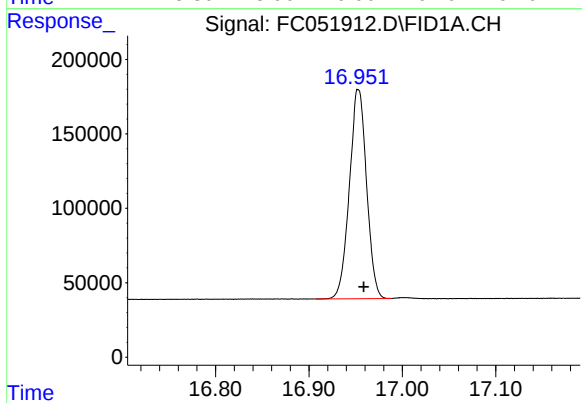
#14 n-Tetracosane (C24)

R.T.: 14.984 min
Delta R.T.: -0.005 min
Response: 1979353
Conc: 16.24 ug/ml



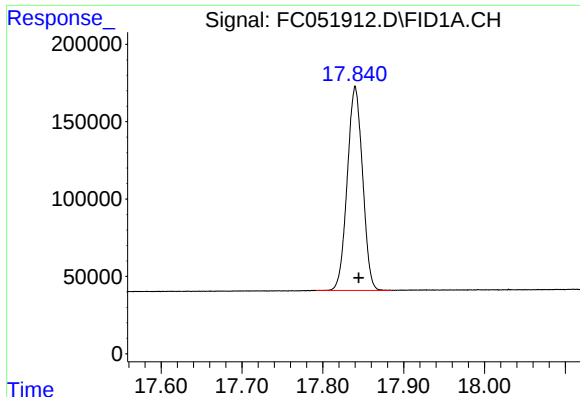
#15 n-Hexacosane (C26)

R.T.: 16.004 min
Delta R.T.: -0.005 min
Response: 1873247
Conc: 15.65 ug/ml



#16 n-Octacosane (C28)

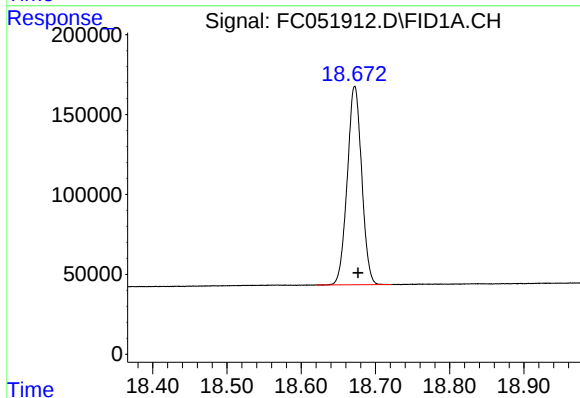
R.T.: 16.953 min
Delta R.T.: -0.006 min
Response: 1792156
Conc: 15.32 ug/ml



#17 n-Tricontane (C30)

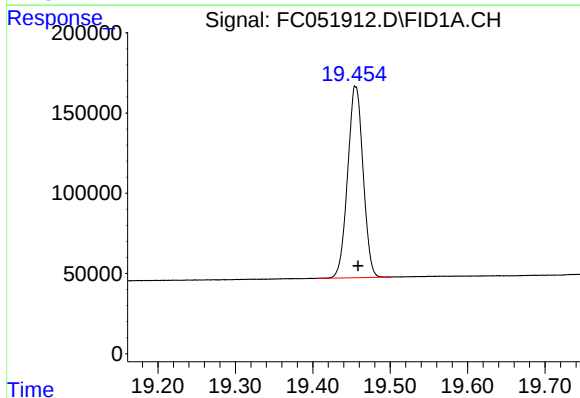
R.T.: 17.840 min
Delta R.T.: -0.005 min
Response: 1733444
Conc: 15.44 ug/ml

Instrument :
FID_C
ClientSampleId :



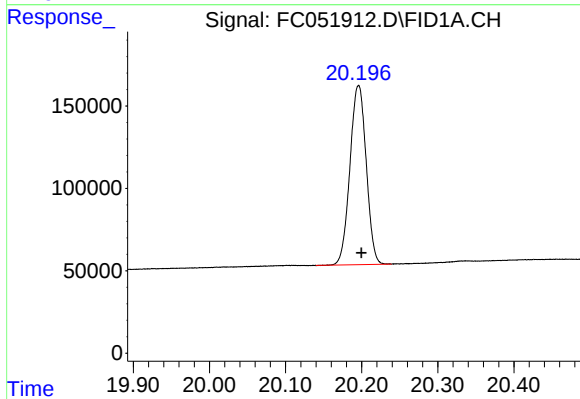
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: -0.005 min
Response: 1678776
Conc: 16.22 ug/ml



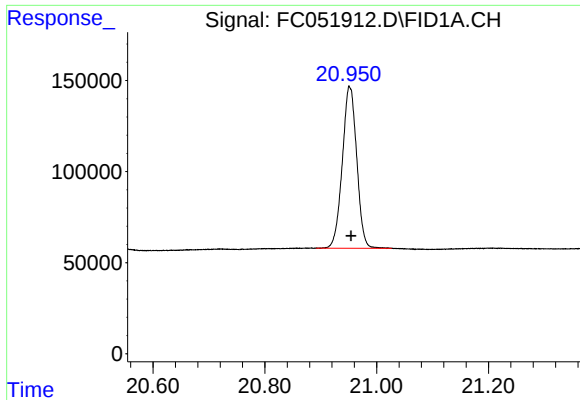
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: -0.003 min
Response: 1655380
Conc: 17.49 ug/ml



#20 n-Hexatriacontane (C36)

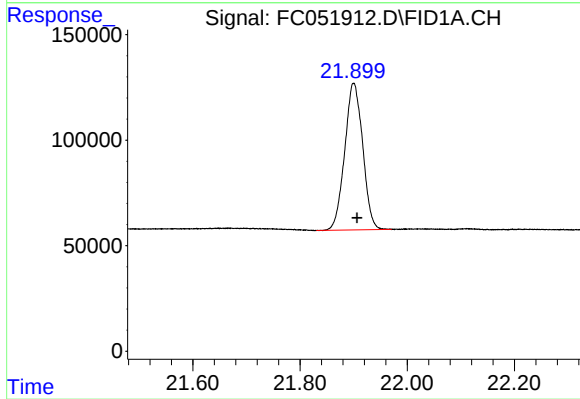
R.T.: 20.196 min
Delta R.T.: -0.004 min
Response: 1616574
Conc: 18.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: -0.003 min
Response: 1590897
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: -0.006 min
Response: 1621436
Conc: 18.98 ug/ml