

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
 Data File : FC055921.D
 Signal(s) : FID1A.CH
 Acq On : 30 Sep 2021 9:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 10:45:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.651	2152949	18.144 ug/ml
Spiked Amount 50.000		Recovery =	36.29%
12) S 1-chlorooctadecane (S...	13.083	1656418	18.029 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
Target Compounds			
1) T n-Nonane (C9)	3.400	2138012	20.035 ug/ml
2) T n-Decane (C10)	4.471	2150962	20.122 ug/ml
3) T A~Naphthalene (C11.7)	6.065	2380962	19.788 ug/ml
4) T n-Dodecane (C12)	6.491	2154367	19.849 ug/ml
5) T A~2-methylnaphthalene...	7.123	2364995	19.469 ug/ml
6) T n-Tetradecane (C14)	8.287	2133673	19.286 ug/ml
7) T n-Hexadecane (C16)	9.887	2088264	18.866 ug/ml
8) T n-Octadecane (C18)	11.329	2074465	18.535 ug/ml
10) T n-Eicosane (C20)	12.637	1987261	18.194 ug/ml
11) T n-Heneicosane (C21)	13.249	1973920	18.155 ug/ml
13) T n-Docosane (C22)	13.835	1923237	18.008 ug/ml
14) T n-Tetracosane (C24)	14.938	1867948	17.863 ug/ml
15) T n-Hexacosane (C26)	15.957	1799954	17.915 ug/ml
16) T n-Octacosane (C28)	16.906	1762684	18.223 ug/ml
17) T n-Tricontane (C30)	17.793	1750980	18.871 ug/ml
18) T n-Dotriacontane (C32)	18.623	1709385	19.227 ug/ml
19) T n-Tetratriacontane (C34)	19.405	2083041	24.085 ug/ml
20) T n-Hexatriacontane (C36)	20.143	1781366	21.803 ug/ml
21) T n-Octatriacontane (C38)	20.886	1714886	21.520 ug/ml
22) T n-Tetracontane (C40)	21.813	1663364	20.750 ug/ml

(f)=RT Delta > 1/2 Window

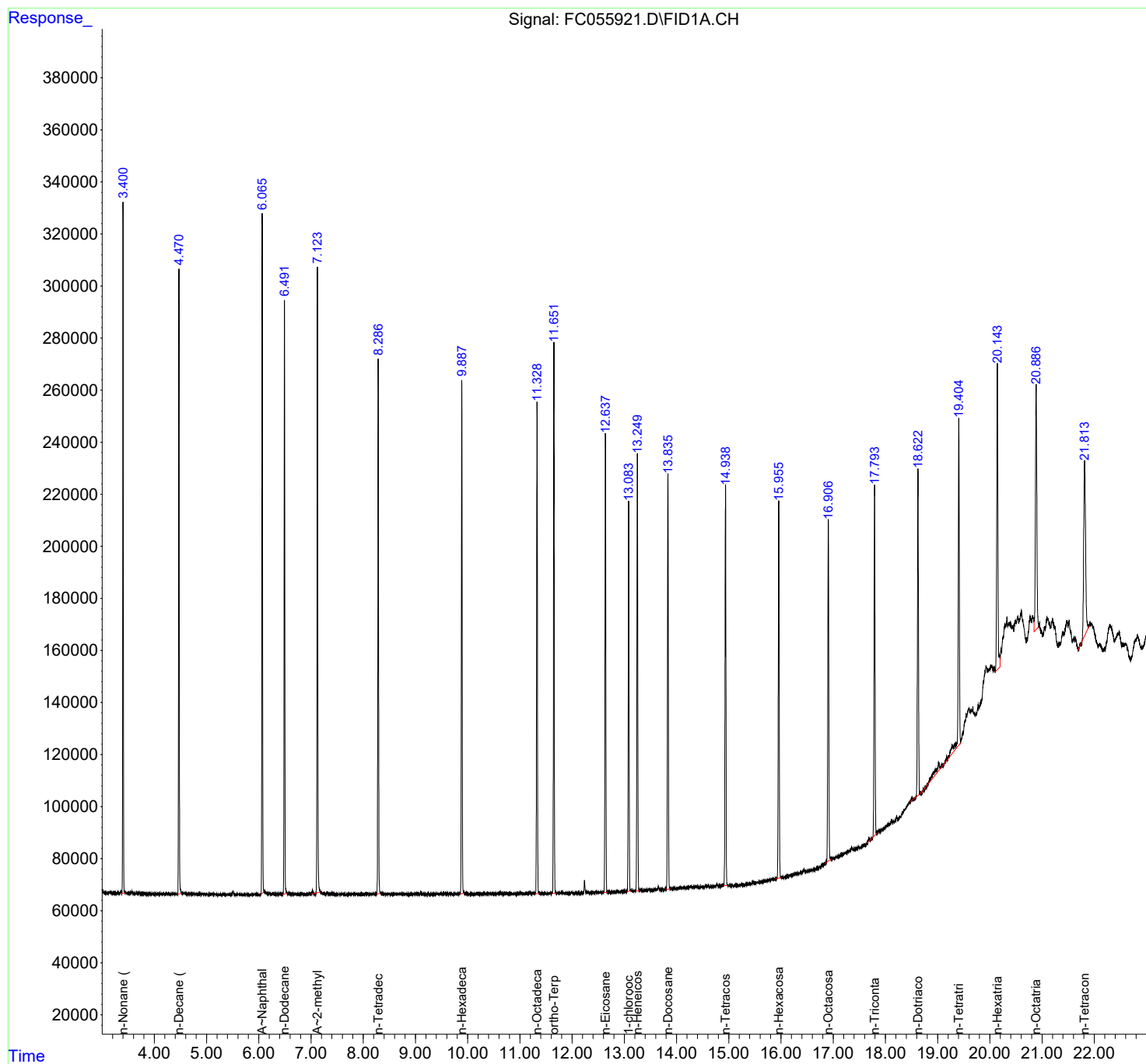
(m)=manual int.

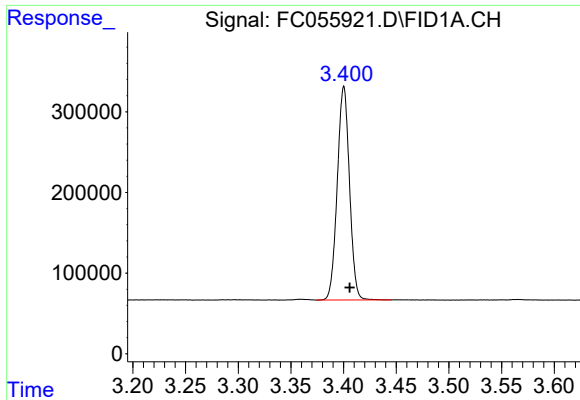
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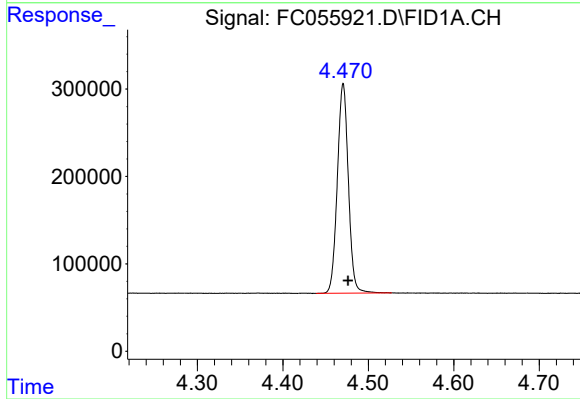




#1 n-Nonane (C9)

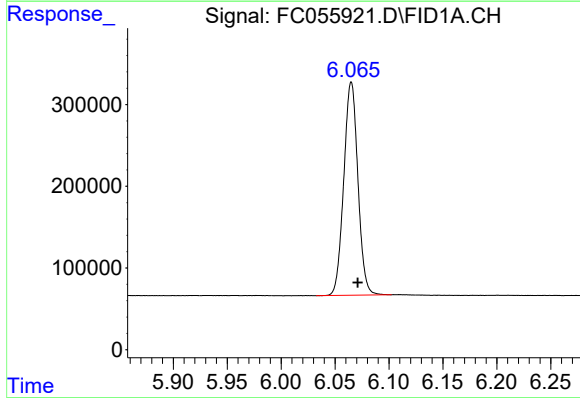
R.T.: 3.400 min
Delta R.T.: -0.006 min
Response: 2138012
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :



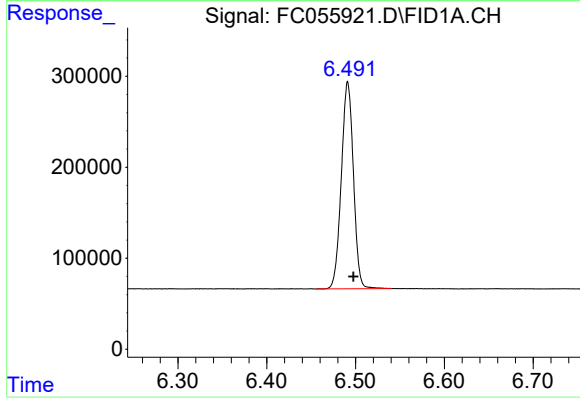
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.006 min
Response: 2150962
Conc: 20.12 ug/ml



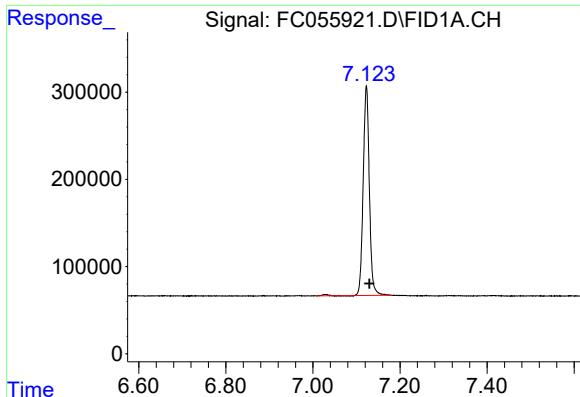
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.006 min
Response: 2380962
Conc: 19.79 ug/ml



#4 n-Dodecane (C12)

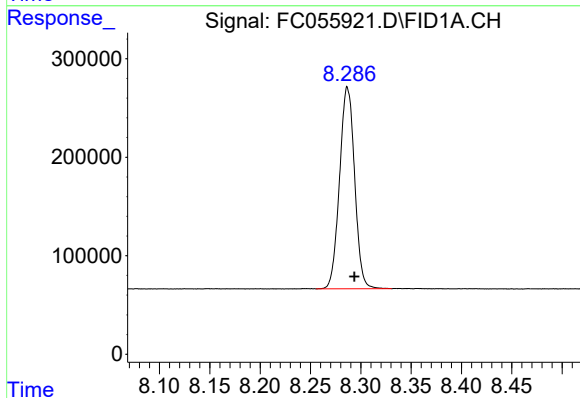
R.T.: 6.491 min
Delta R.T.: -0.006 min
Response: 2154367
Conc: 19.85 ug/ml



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

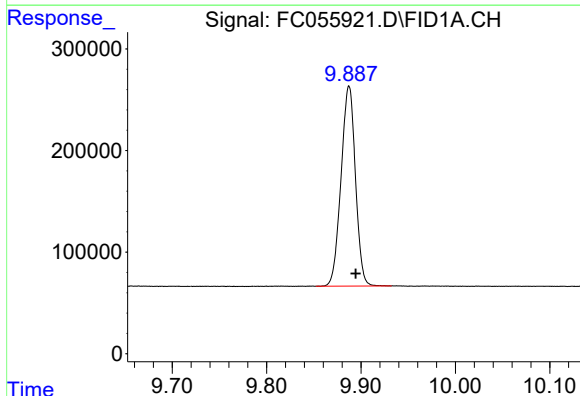
R.T.: 7.123 min
Delta R.T.: -0.007 min
Response: 2364995
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :



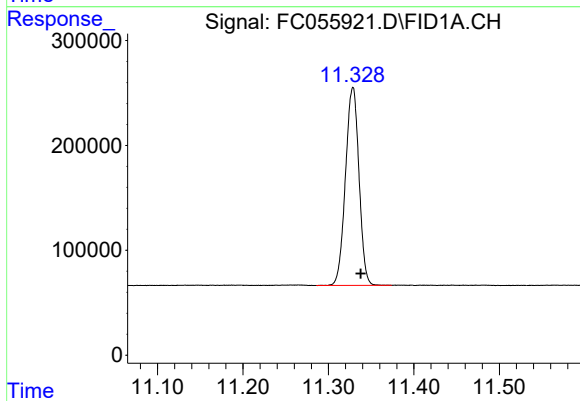
#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: -0.007 min
Response: 2133673
Conc: 19.29 ug/ml



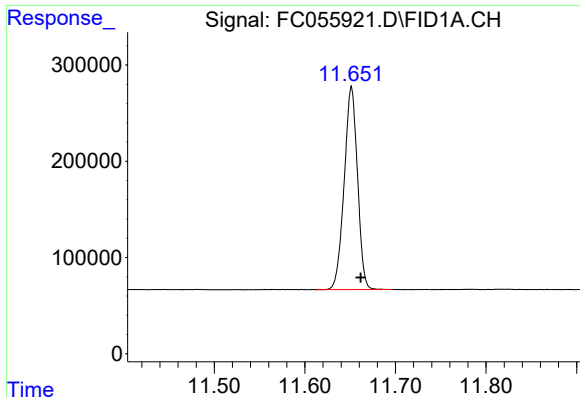
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.007 min
Response: 2088264
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

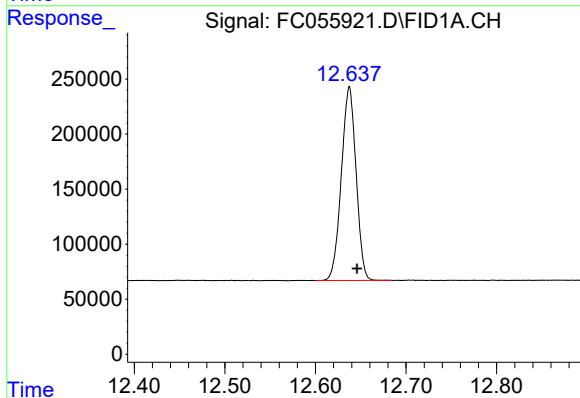
R.T.: 11.329 min
Delta R.T.: -0.009 min
Response: 2074465
Conc: 18.54 ug/ml



#9 ortho-Terphenyl (SURR)

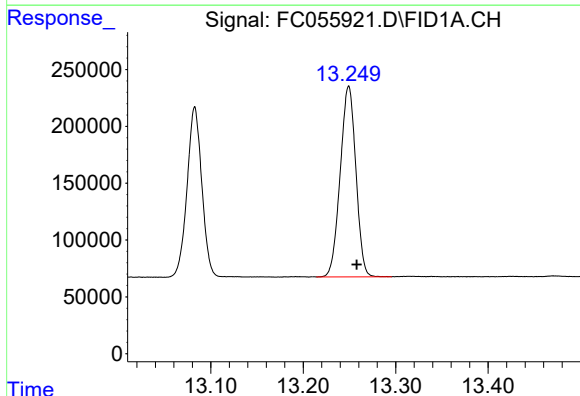
R.T.: 11.651 min
Delta R.T.: -0.010 min
Response: 2152949
Conc: 18.14 ug/ml

Instrument :
FID_C
ClientSampleId :



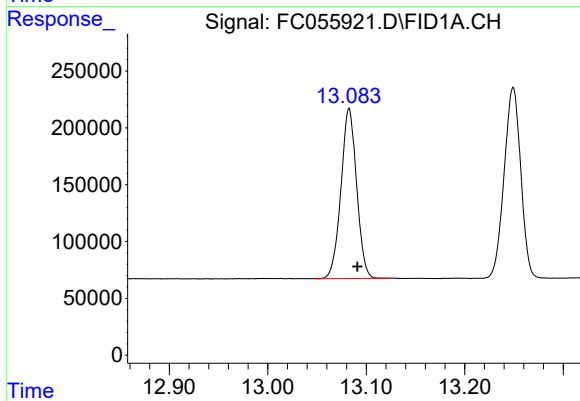
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: -0.009 min
Response: 1987261
Conc: 18.19 ug/ml



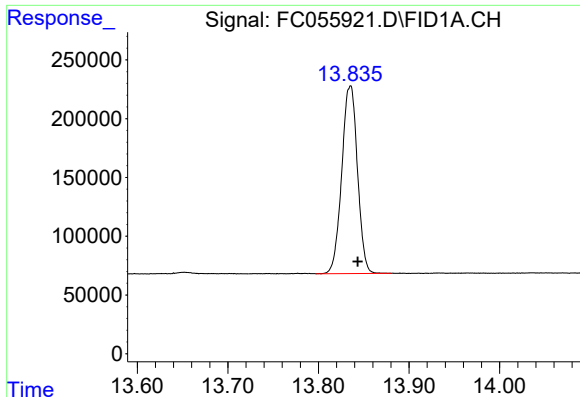
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.009 min
Response: 1973920
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

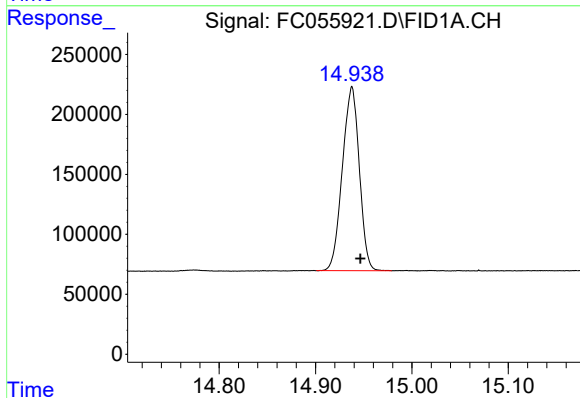
R.T.: 13.083 min
Delta R.T.: -0.008 min
Response: 1656418
Conc: 18.03 ug/ml



#13 n-Docosane (C22)

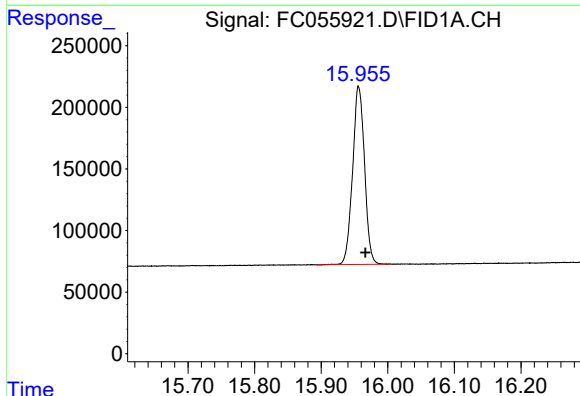
R.T.: 13.835 min
Delta R.T.: -0.009 min
Response: 1923237
Conc: 18.01 ug/ml

Instrument :
FID_C
ClientSampleId :



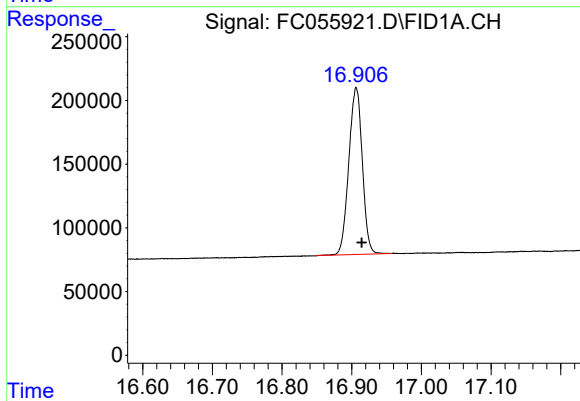
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.009 min
Response: 1867948
Conc: 17.86 ug/ml



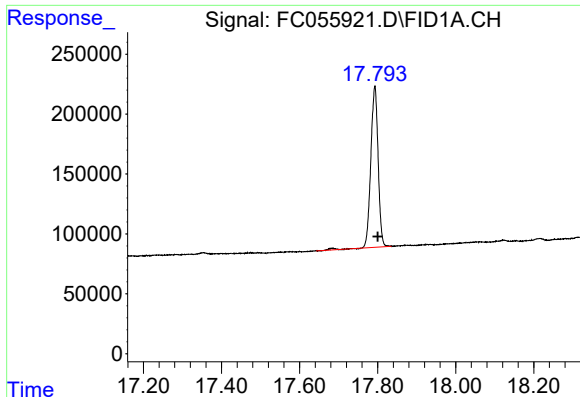
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.010 min
Response: 1799954
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

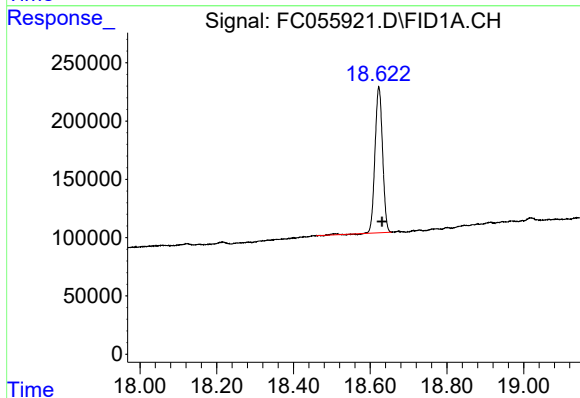
R.T.: 16.906 min
Delta R.T.: -0.008 min
Response: 1762684
Conc: 18.22 ug/ml



#17 n-Tricontane (C30)

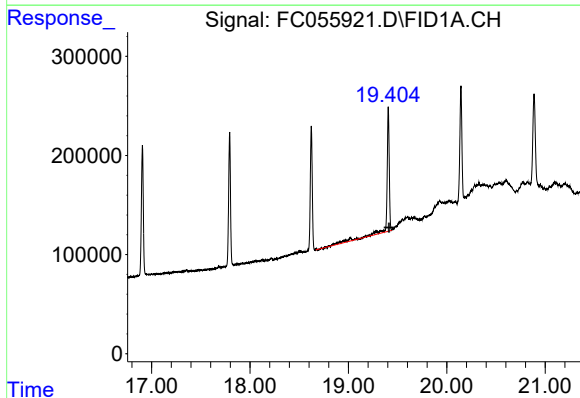
R.T.: 17.793 min
Delta R.T.: -0.008 min
Response: 1750980
Conc: 18.87 ug/ml

Instrument :
FID_C
ClientSampleId :



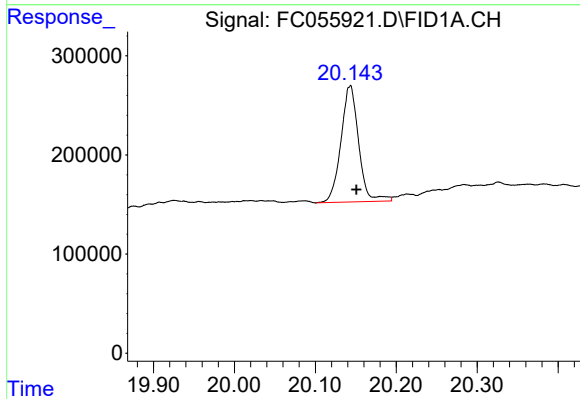
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: -0.008 min
Response: 1709385
Conc: 19.23 ug/ml



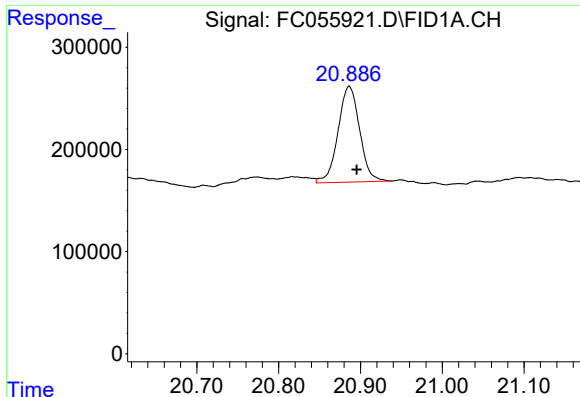
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: -0.009 min
Response: 2083041
Conc: 24.08 ug/ml



#20 n-Hexatriacontane (C36)

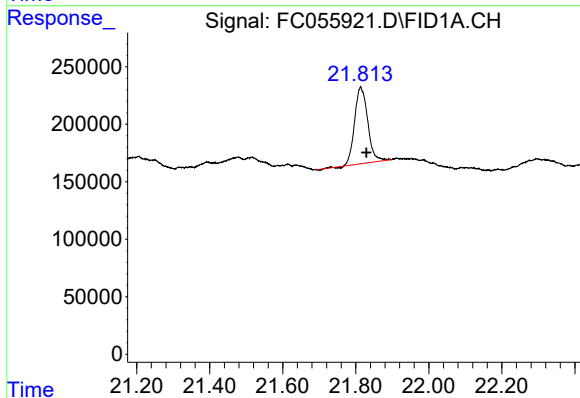
R.T.: 20.143 min
Delta R.T.: -0.008 min
Response: 1781366
Conc: 21.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: -0.009 min
Response: 1714886
Conc: 21.52 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.813 min
Delta R.T.: -0.016 min
Response: 1663364
Conc: 20.75 ug/ml