

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051120AL\
 Data File : FC047356.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2020 00:50
 Operator : DD\AJ
 Sample : L2182-07
 Misc : LOD-4 PPM- WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
 APPROVED

Sohil
 5/12/2020 4:36:35 PM

Integration File: autoint1.e
 Quant Time: May 12 02:02:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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			
12) S 1-chlorooctadecane (S...	13.157	3335322	34.005 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
Target Compounds			
1) T n-Nonane (C9)	3.557	177611	1.752 ug/ml
2) T n-Decane (C10)	4.620	203948	1.996 ug/ml
4) T n-Dodecane (C12)	6.619	323442	3.062 ug/ml
6) T n-Tetradecane (C14)	8.398	300773	2.844 ug/ml
7) T n-Hexadecane (C16)	9.985	315392	2.981 ug/ml
8) T n-Octadecane (C18)	11.413	374110	3.341 ug/ml
10) T n-Eicosane (C20)	12.711	391644	3.442 ug/ml
11) T n-Heneicosane (C21)	13.319	394713	3.472 ug/ml
13) T n-Docosane (C22)	13.902	401819	3.536 ug/ml
14) T n-Tetracosane (C24)	14.997	420080	3.713 ug/ml
15) T n-Hexacosane (C26)	16.011	415217	3.707 ug/ml
16) T n-Octacosane (C28)	16.954	436967	3.918 ug/ml
17) T n-Tricontane (C30)	17.835	448690	4.150 ug/ml
18) T n-Dotriacontane (C32)	18.663	421108	4.270 ug/ml
19) T n-Tetratriacontane (C34)	19.441	370648	4.041 ug/ml
20) T n-Hexatriacontane (C36)	20.177	345209	3.981 ug/ml
21) T n-Octatriacontane (C38)	20.933	307664	3.813 ug/ml
22) T n-Tetracontane (C40)	21.880	296617	3.647 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051120AL\
Data File : FC047356.D
Signal(s) : FID1A.CH
Acq On : 12 May 2020 00:50
Operator : DD\AJ
Sample : L2182-07
Misc : LOD-4 PPM- WATER
ALS Vial : 9 Sample Multiplier: 1

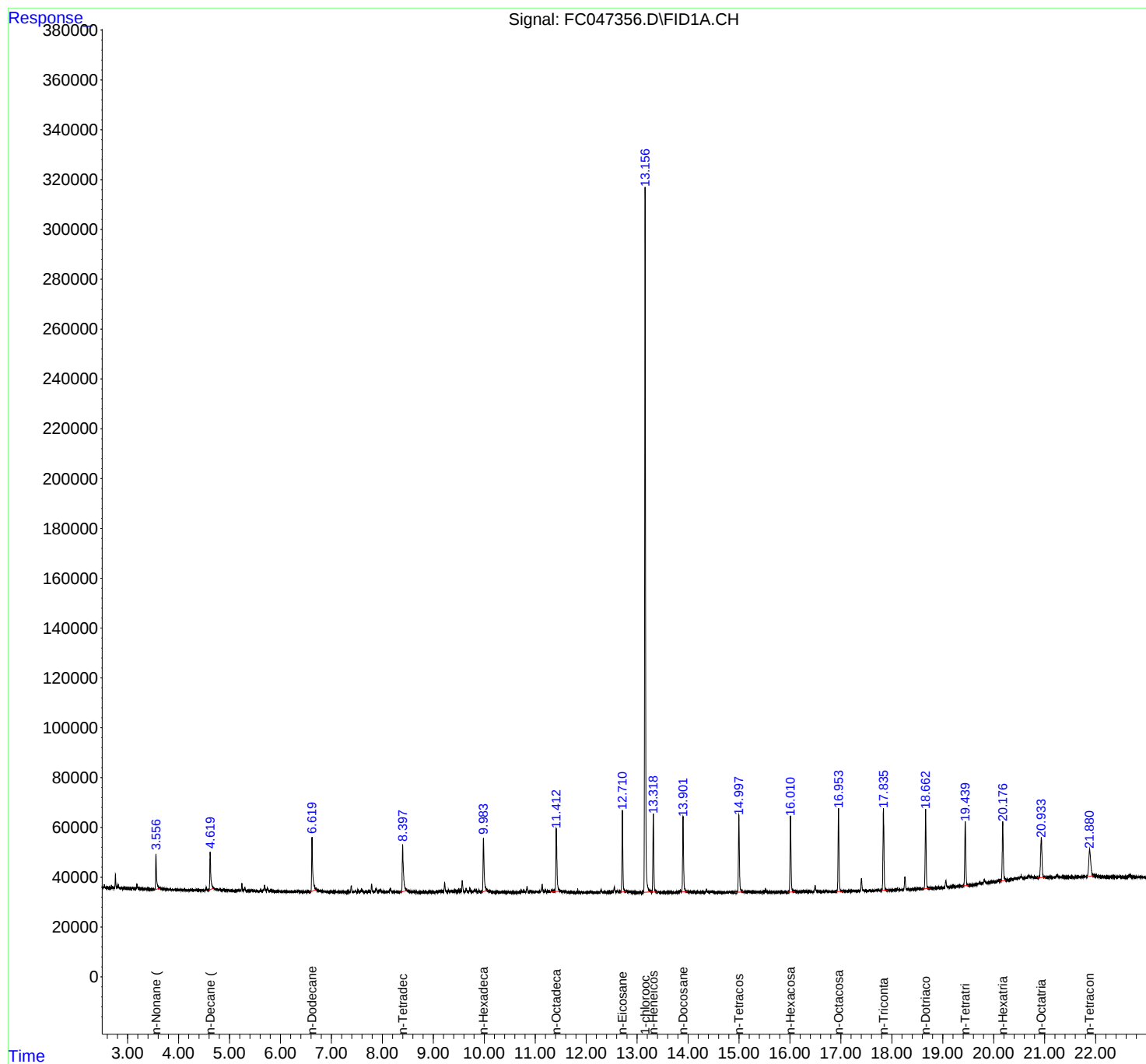
Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

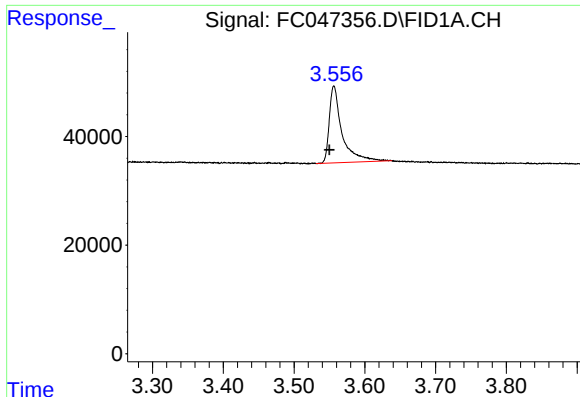
Manual Integrations
APPROVED

Sohil
5/12/2020 4:36:35 PM

Integration File: autoint1.e
Quant Time: May 12 02:02:20 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
Quant Title : GC Extractables
QLast Update : Fri May 08 16:49:27 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





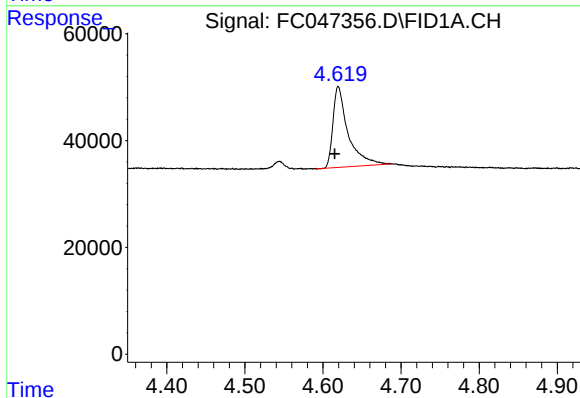
#1 n-Nonane (C9)

R.T.: 3.557 min
Delta R.T.: 0.007 min
Response: 177611
Conc: 1.75 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

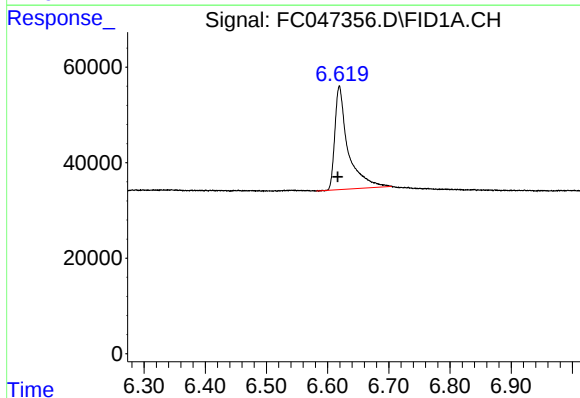
Manual Integrations
APPROVED

Sohil
5/12/2020 4:36:35 PM



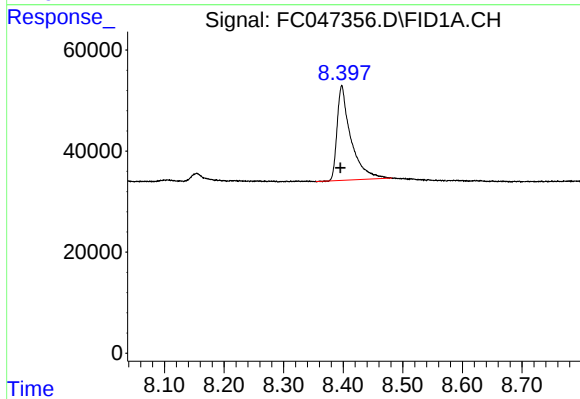
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.005 min
Response: 203948
Conc: 2.00 ug/ml



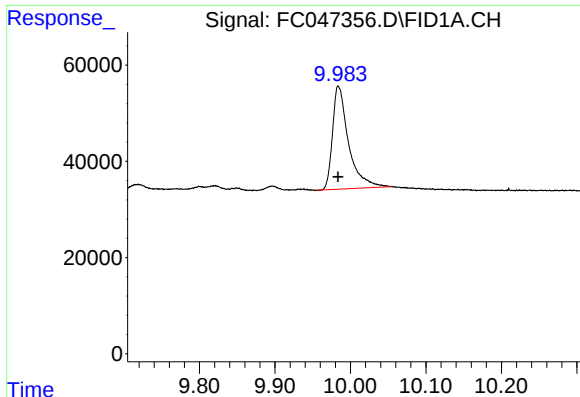
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: 0.003 min
Response: 323442
Conc: 3.06 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.003 min
Response: 300773
Conc: 2.84 ug/ml



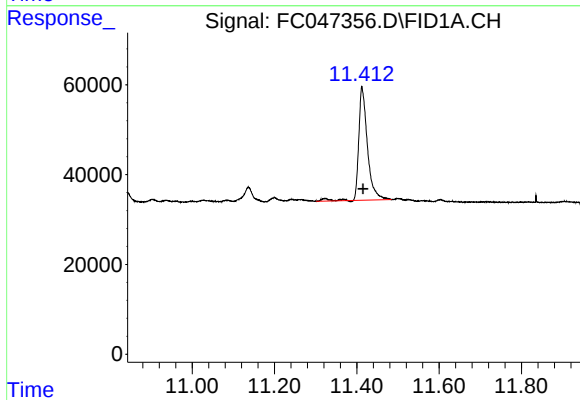
#7 n-Hexadecane (C16)

R.T.: 9.985 min
Delta R.T.: 0.001 min
Response: 315392
Conc: 2.98 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

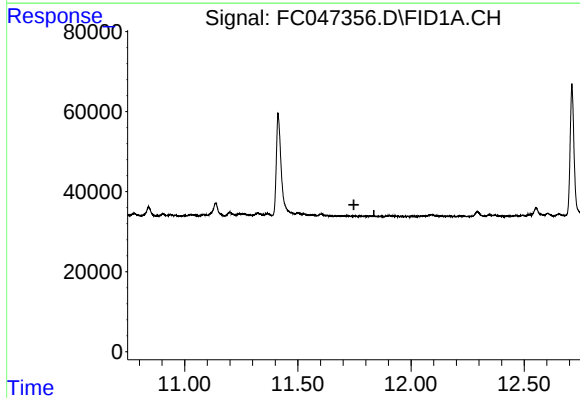
Manual Integrations
APPROVED

Sohil
5/12/2020 4:36:35 PM



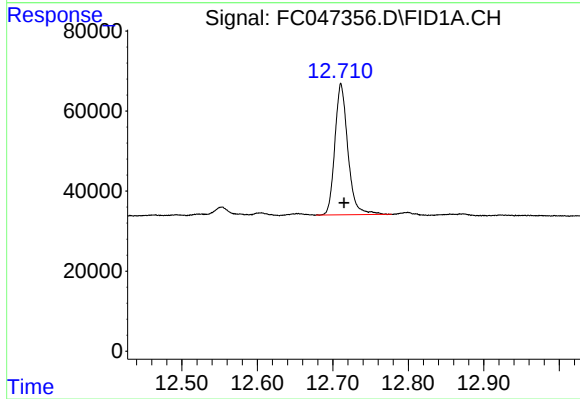
#8 n-Octadecane (C18)

R.T.: 11.413 min
Delta R.T.: -0.002 min
Response: 374110
Conc: 3.34 ug/ml



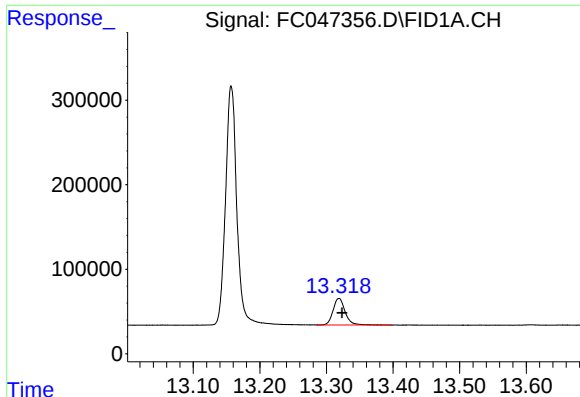
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.748 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.711 min
Delta R.T.: -0.004 min
Response: 391644
Conc: 3.44 ug/ml



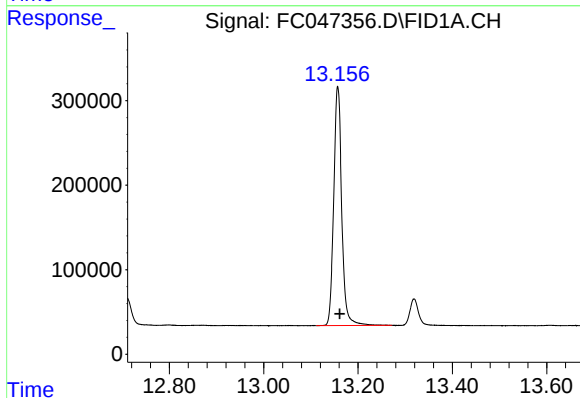
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: -0.005 min
Response: 394713
Conc: 3.47 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

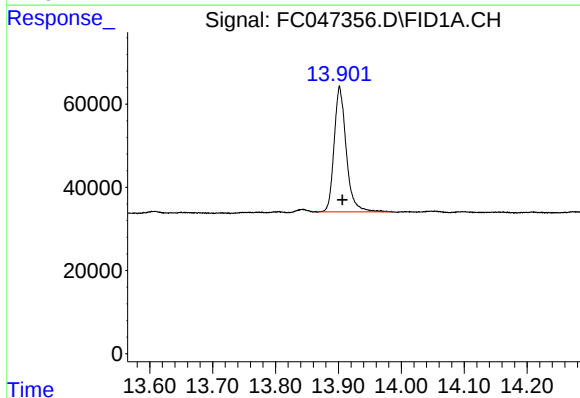
Manual Integrations
APPROVED

Sohil
5/12/2020 4:36:35 PM



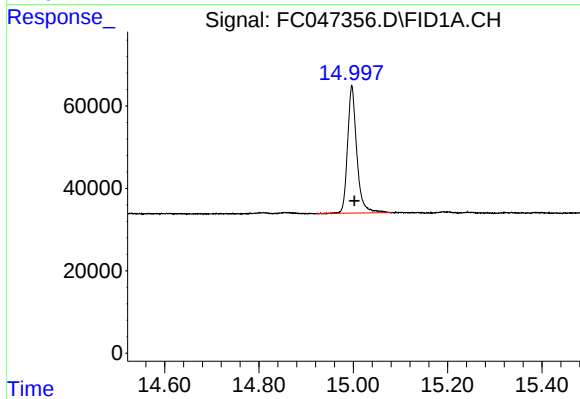
#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 3335322
Conc: 34.01 ug/ml



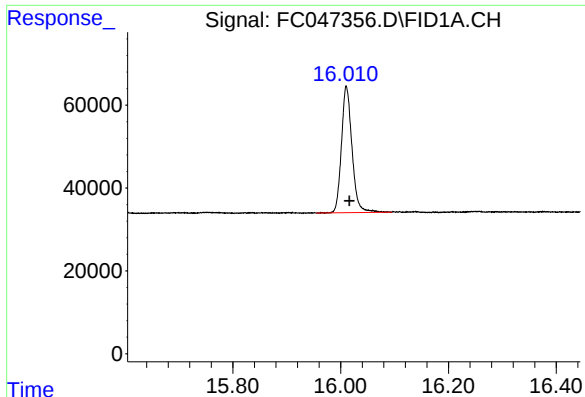
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: -0.004 min
Response: 401819
Conc: 3.54 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.005 min
Response: 420080
Conc: 3.71 ug/ml



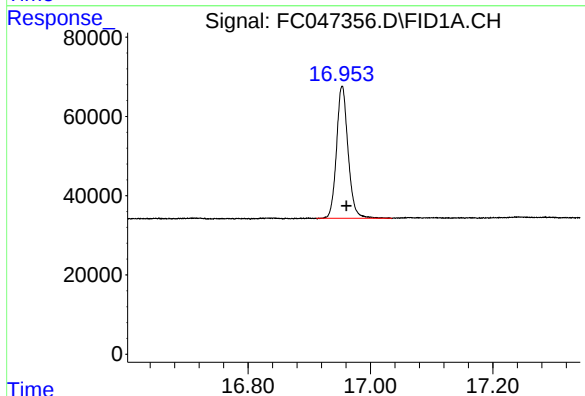
#15 n-Hexacosane (C26)

R.T.: 16.011 min
Delta R.T.: -0.005 min
Response: 415217
Conc: 3.71 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

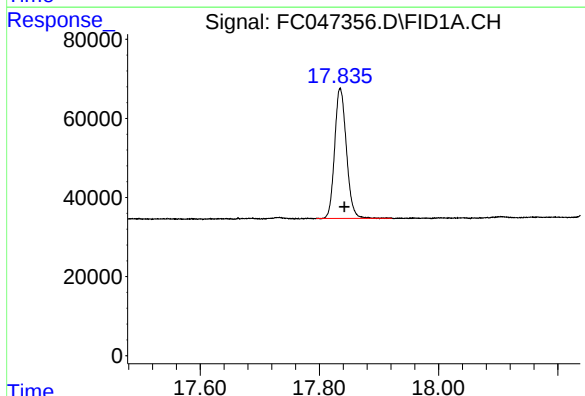
Manual Integrations
APPROVED

Sohil
5/12/2020 4:36:35 PM



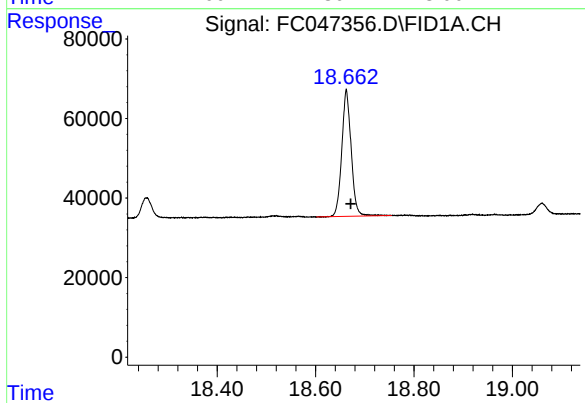
#16 n-Octacosane (C28)

R.T.: 16.954 min
Delta R.T.: -0.007 min
Response: 436967
Conc: 3.92 ug/ml



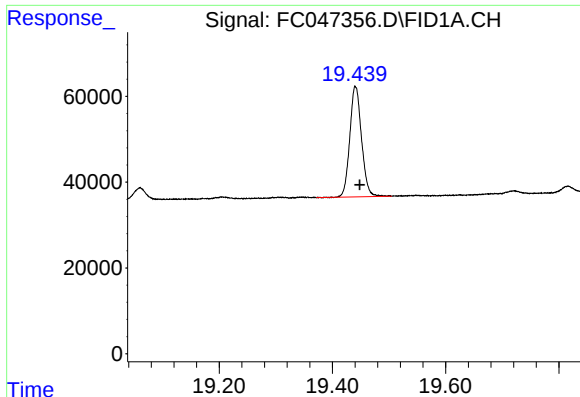
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 448690
Conc: 4.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.009 min
Response: 421108
Conc: 4.27 ug/ml



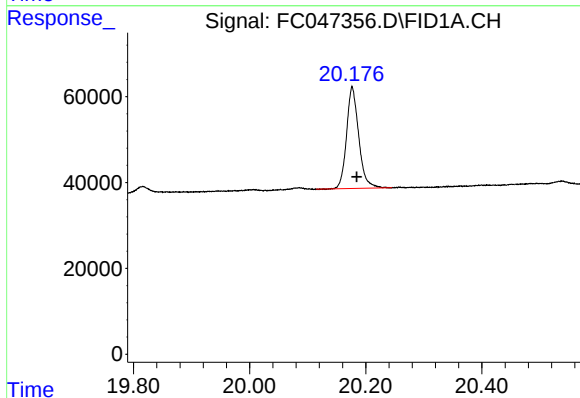
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.007 min
Response: 370648
Conc: 4.04 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

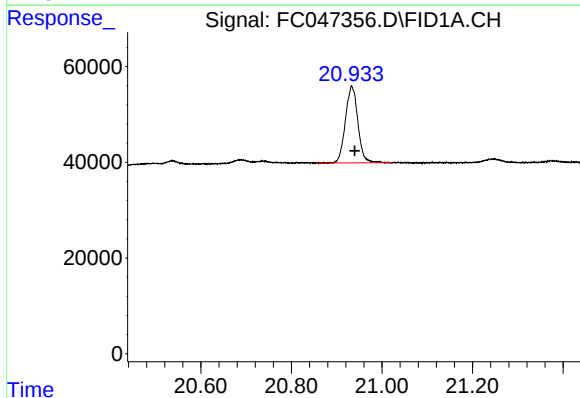
Manual Integrations
APPROVED

Sohil
5/12/2020 4:36:35 PM



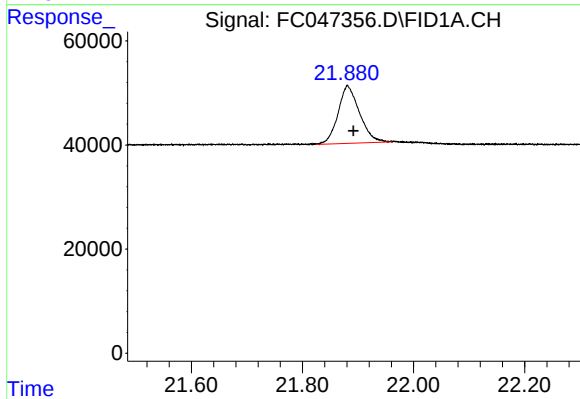
#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: -0.007 min
Response: 345209
Conc: 3.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.933 min
Delta R.T.: -0.006 min
Response: 307664
Conc: 3.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.880 min
Delta R.T.: -0.012 min
Response: 296617
Conc: 3.65 ug/ml m