

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101024\
 Data File : FG014391.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2024 14:43
 Operator : YP\AJ
 Sample : P4368-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 02:16:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.916	1700946	13.736 ug/ml
Target Compounds			
1) N-OCTANE	1.941	167795	1.332 ug/ml
2) N-DECANE	4.433	167234	1.420 ug/ml
3) N-DODECANE	6.606	129654	1.108 ug/ml
4) N-TETRADECANE	8.486	154656	1.274 ug/mlm
5) N-HEXADECANE	10.070	169274	1.330 ug/ml
6) N-OCTADECANE	11.503	186769	1.397 ug/ml
7) N-EICOSANE	12.811	205700	1.480 ug/mlm
8) N-DOCOSANE	14.011	204730	1.493 ug/mlm
10) N-TETRACOSANE	15.121	224768	1.631 ug/ml
11) N-HEXACOSANE	16.149	213489	1.544 ug/ml
12) N-OCTACOSANE	17.099	227898	1.663 ug/ml
13) N-TRIACONTANE	17.986	257652	1.858 ug/ml
14) N-DOTRIACONTANE	18.820	266471	1.955 ug/ml
15) N-TETRATRIACONTANE	19.607	236160	1.794 ug/ml
16) N-HEXATRIACONTANE	20.349	183170	1.431 ug/mlm
17) N-OCTATRIACONTANE	21.082	149670	1.308 ug/mlm
18) N-TETRACONTANE	21.970	139852	1.303 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101024\
Data File : FG014391.D
Signal(s) : FID1A.ch
Acq On : 10 Oct 2024 14:43
Operator : YP\AJ
Sample : P4368-10
Misc : 1 PPM WATER LOD
ALS Vial : 11 Sample Multiplier: 1

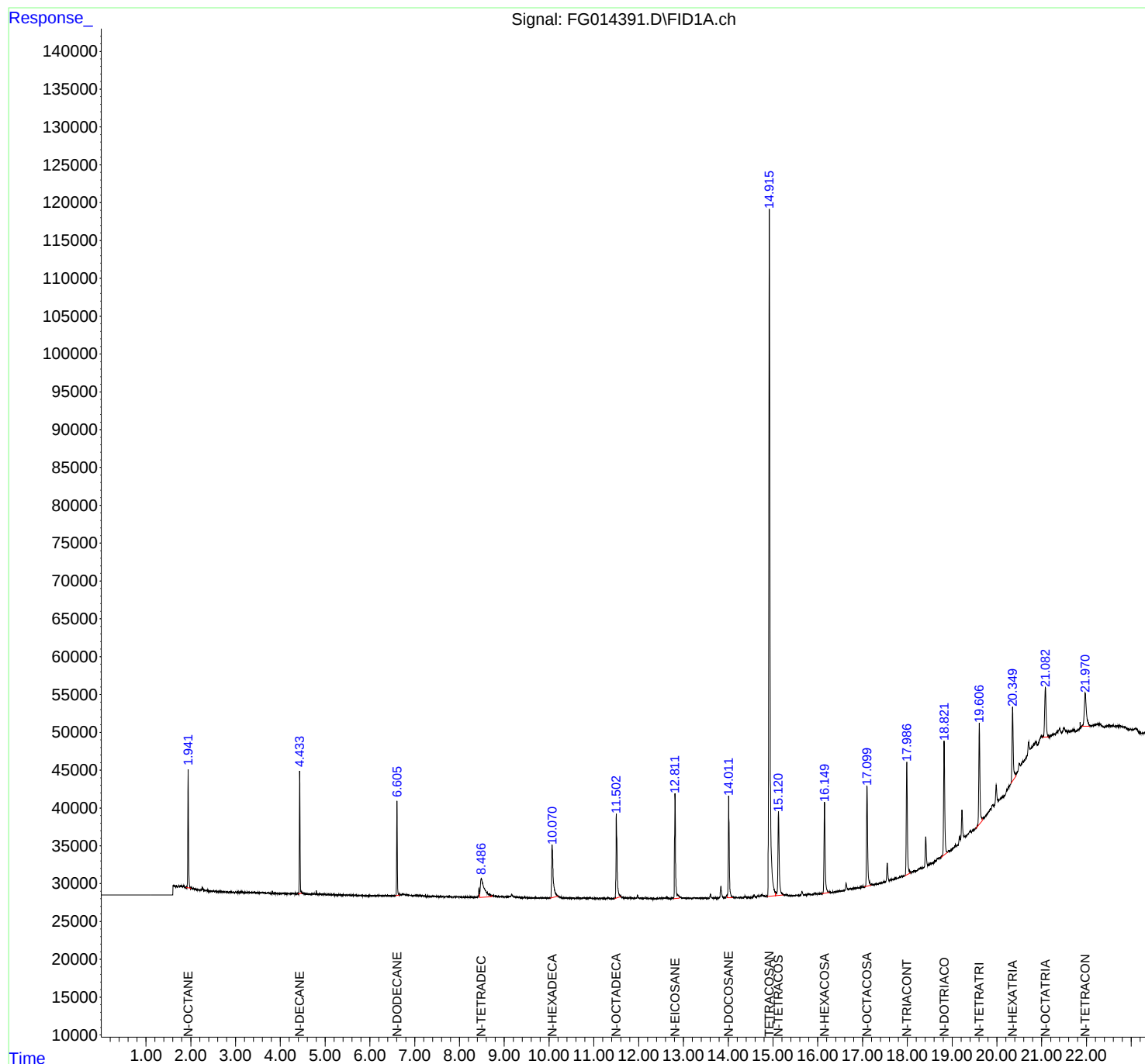
Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT4-2024

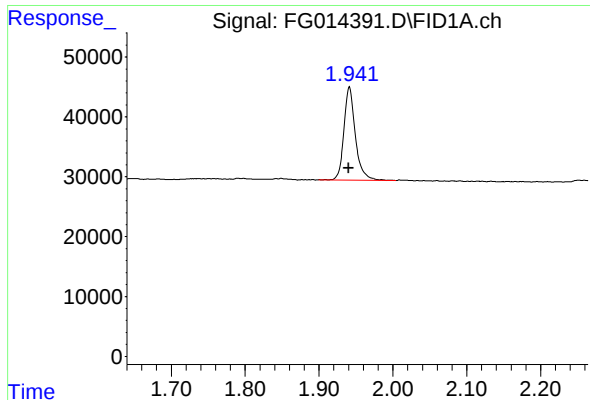
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
Quant Time: Oct 11 02:16:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
Quant Title :
QLast Update : Thu Oct 03 05:57:06 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





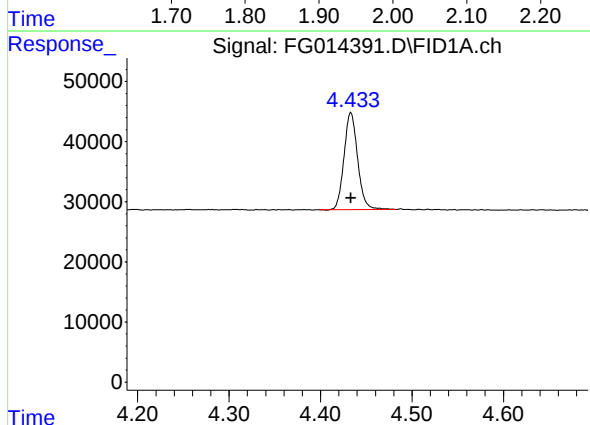
#1 N-OCTANE

R.T.: 1.941 min
Delta R.T.: 0.001 min
Response: 167795
Conc: 1.33 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT4-2024

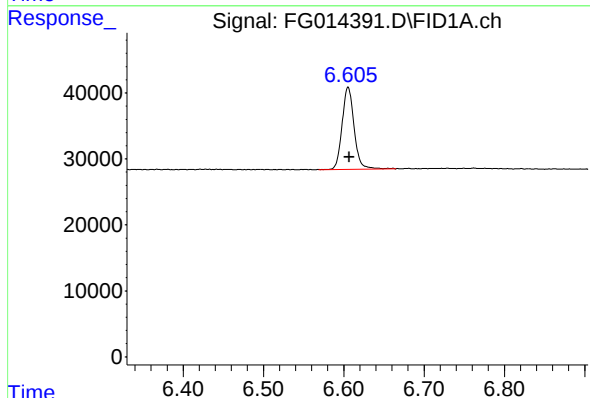
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



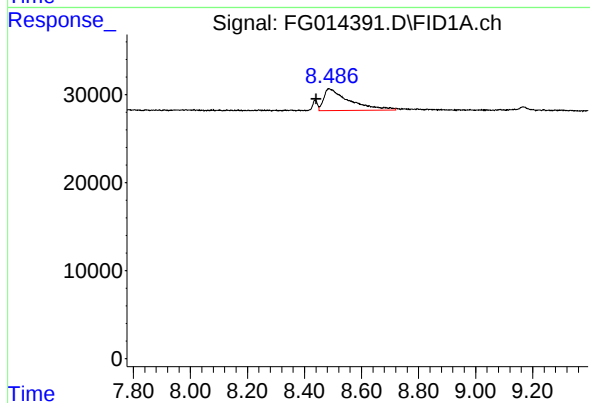
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 167234
Conc: 1.42 ug/ml



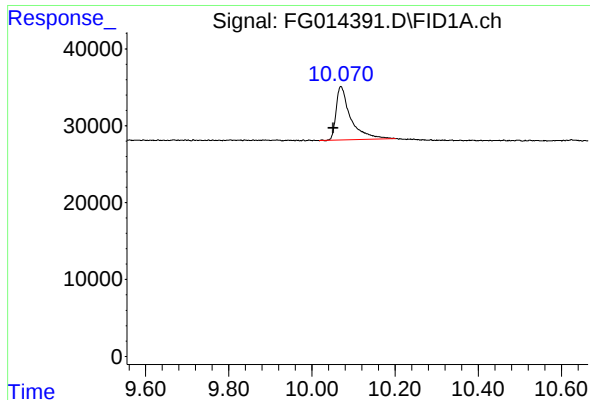
#3 N-DODECANE

R.T.: 6.606 min
Delta R.T.: -0.001 min
Response: 129654
Conc: 1.11 ug/ml



#4 N-TETRADECANE

R.T.: 8.486 min
Delta R.T.: 0.044 min
Response: 154656
Conc: 1.27 ug/ml m



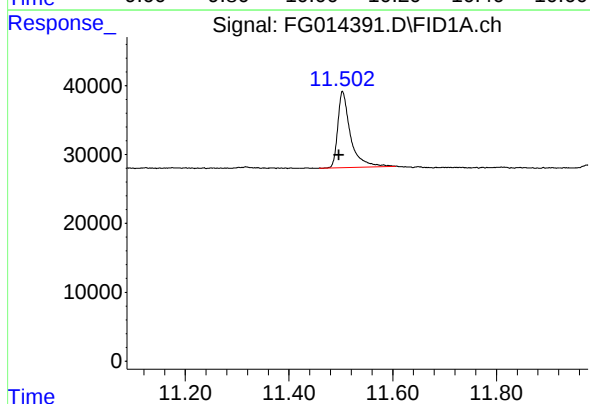
#5 N-HEXADECANE

R.T.: 10.070 min
Delta R.T.: 0.019 min
Response: 169274
Conc: 1.33 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT4-2024

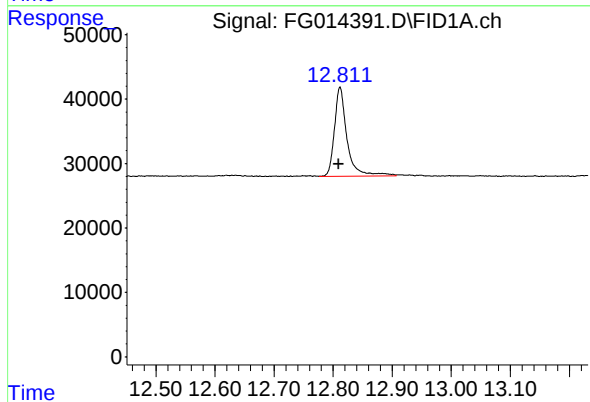
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



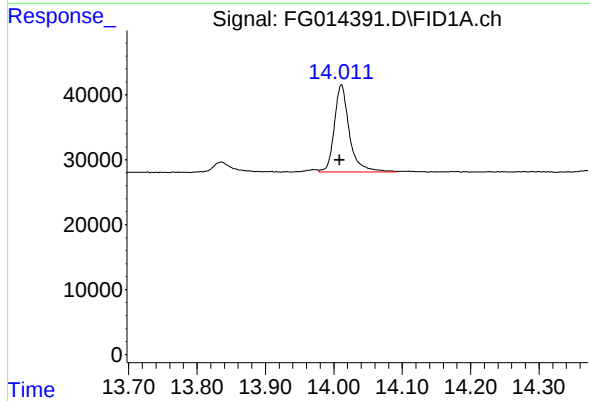
#6 N-OCTADECANE

R.T.: 11.503 min
Delta R.T.: 0.007 min
Response: 186769
Conc: 1.40 ug/ml



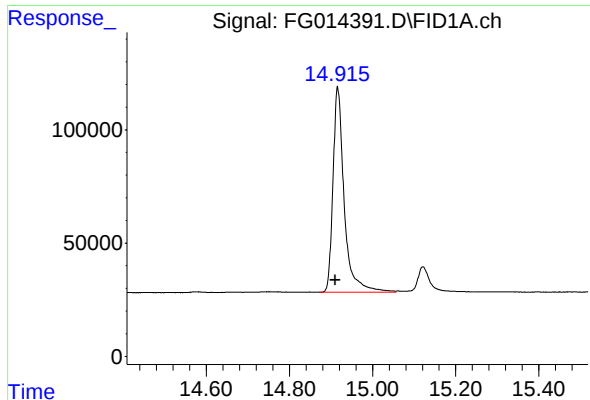
#7 N-EICOSANE

R.T.: 12.811 min
Delta R.T.: 0.002 min
Response: 205700
Conc: 1.48 ug/ml m



#8 N-DOCOSANE

R.T.: 14.011 min
Delta R.T.: 0.003 min
Response: 204730
Conc: 1.49 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.916 min
Delta R.T.: 0.005 min
Response: 1700946
Conc: 13.74 ug/ml

Instrument :

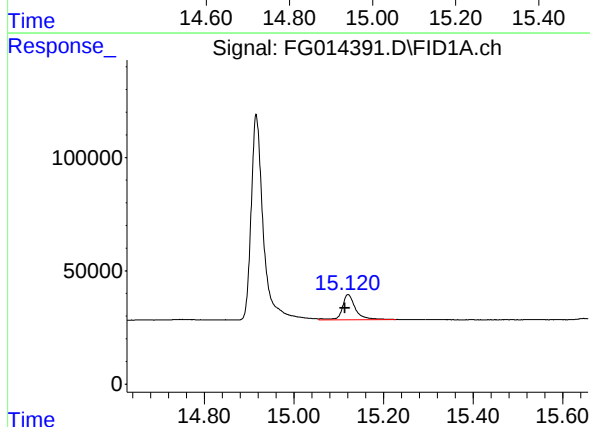
FID_G

ClientSampleId :

LOD-MDL-WATER-04-QT4-2024

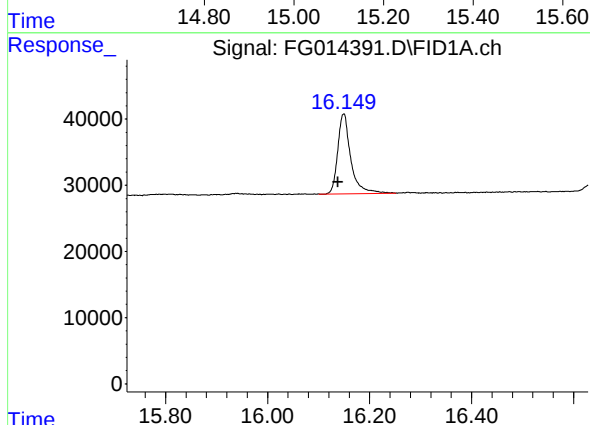
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



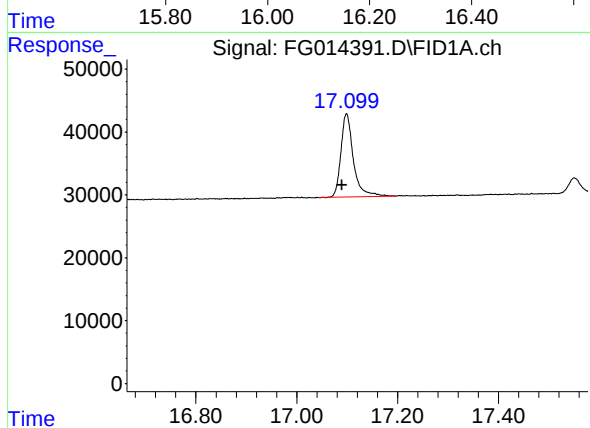
#10 N-TETRACOSANE

R.T.: 15.121 min
Delta R.T.: 0.007 min
Response: 224768
Conc: 1.63 ug/ml



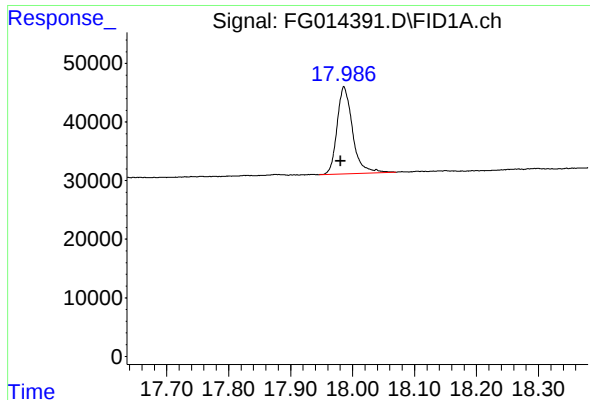
#11 N-HEXACOSANE

R.T.: 16.149 min
Delta R.T.: 0.011 min
Response: 213489
Conc: 1.54 ug/ml



#12 N-OCTACOSANE

R.T.: 17.099 min
Delta R.T.: 0.009 min
Response: 227898
Conc: 1.66 ug/ml



#13 N-TRIACONTANE

R.T.: 17.986 min
Delta R.T.: 0.005 min
Response: 257652
Conc: 1.86 ug/ml

Instrument :

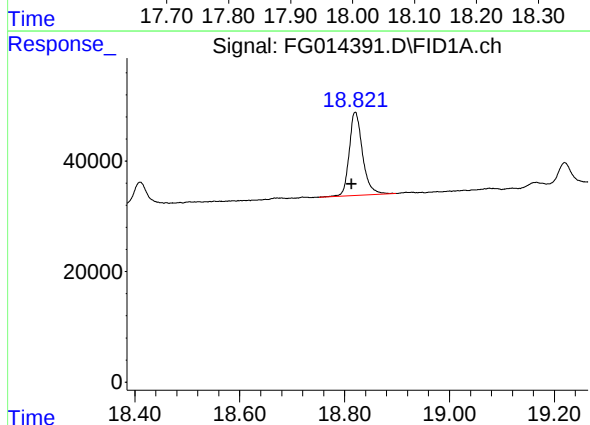
FID_G

ClientSampleId :

LOD-MDL-WATER-04-QT4-2024

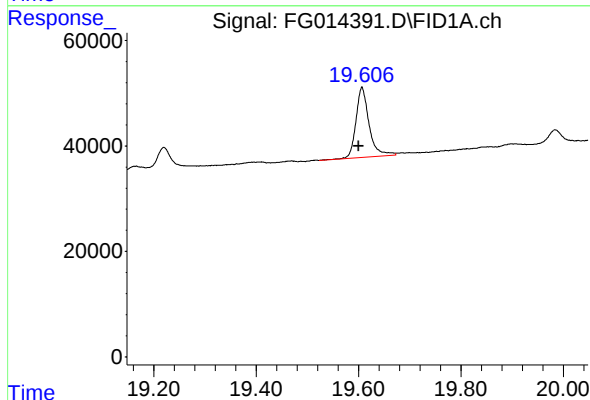
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



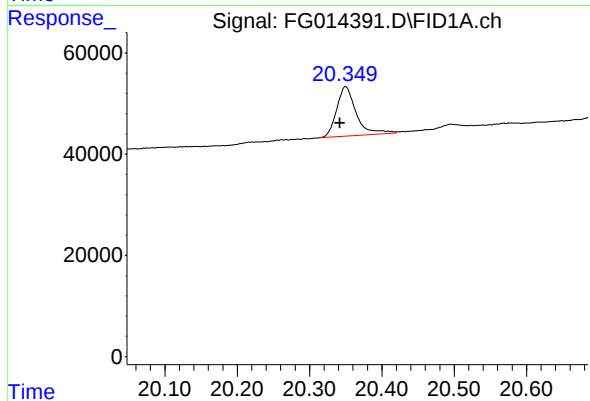
#14 N-DOTRIACONTANE

R.T.: 18.820 min
Delta R.T.: 0.007 min
Response: 266471
Conc: 1.95 ug/ml



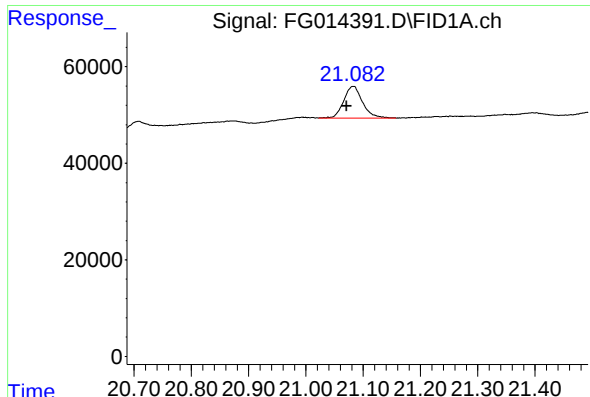
#15 N-TETRATRIACONTANE

R.T.: 19.607 min
Delta R.T.: 0.006 min
Response: 236160
Conc: 1.79 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.349 min
Delta R.T.: 0.007 min
Response: 183170
Conc: 1.43 ug/ml m



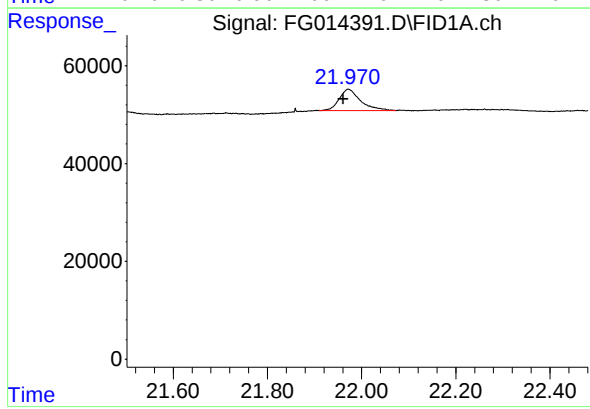
#17 N-OCTATRIACONTANE

R.T.: 21.082 min
Delta R.T.: 0.011 min
Response: 149670
Conc: 1.31 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



#18 N-TETRACONTANE

R.T.: 21.970 min
Delta R.T.: 0.009 min
Response: 139852
Conc: 1.30 ug/ml m