

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062822AL\
 Data File : FC060498.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 23:08
 Operator : YP/AJ
 Sample : N1645-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 03:17:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	12.005	3484619	23.641 ug/ml
Spiked Amount 50.000		Recovery =	47.28%
Target Compounds			
1) T n-Nonane (C9)	2.653	100681	0.656 ug/mlm
2) T n-Decane (C10)	3.648	123263	0.807 ug/mlm
4) T n-Dodecane (C12)	5.586	216613	1.340 ug/ml
6) T n-Tetradecane (C14)	7.333	218920	1.325 ug/ml
7) T n-Hexadecane (C16)	8.891	177259	1.049 ug/ml
8) T n-Octadecane (C18)	10.295	189257	1.100 ug/ml
10) T n-Eicosane (C20)	11.572	198870	1.165 ug/ml
11) T n-Heneicosane (C21)	12.168	189007	1.109 ug/ml
13) T n-Docosane (C22)	12.739	199001	1.167 ug/ml
14) T n-Tetracosane (C24)	13.815	195547	1.165 ug/ml
15) T n-Hexacosane (C26)	14.811	209895	1.277 ug/ml
16) T n-Octacosane (C28)	15.736	204162	1.287 ug/ml
17) T n-Tricontane (C30)	16.602	226686	1.489 ug/ml
18) T n-Dotriacontane (C32)	17.414	224048	1.541 ug/ml
19) T n-Tetratriacontane (C34)	18.177	184471	1.452 ug/ml
20) T n-Hexatriacontane (C36)	18.898	143441	1.278 ug/mlm
21) T n-Octatriacontane (C38)	19.579	126926	1.159 ug/ml
22) T n-Tetracontane (C40)	20.225	129301	1.145 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062822AL\
Data File : FC060498.D
Signal(s) : FID1A.ch
Acq On : 28 Jun 2022 23:08
Operator : YP/AJ
Sample : N1645-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

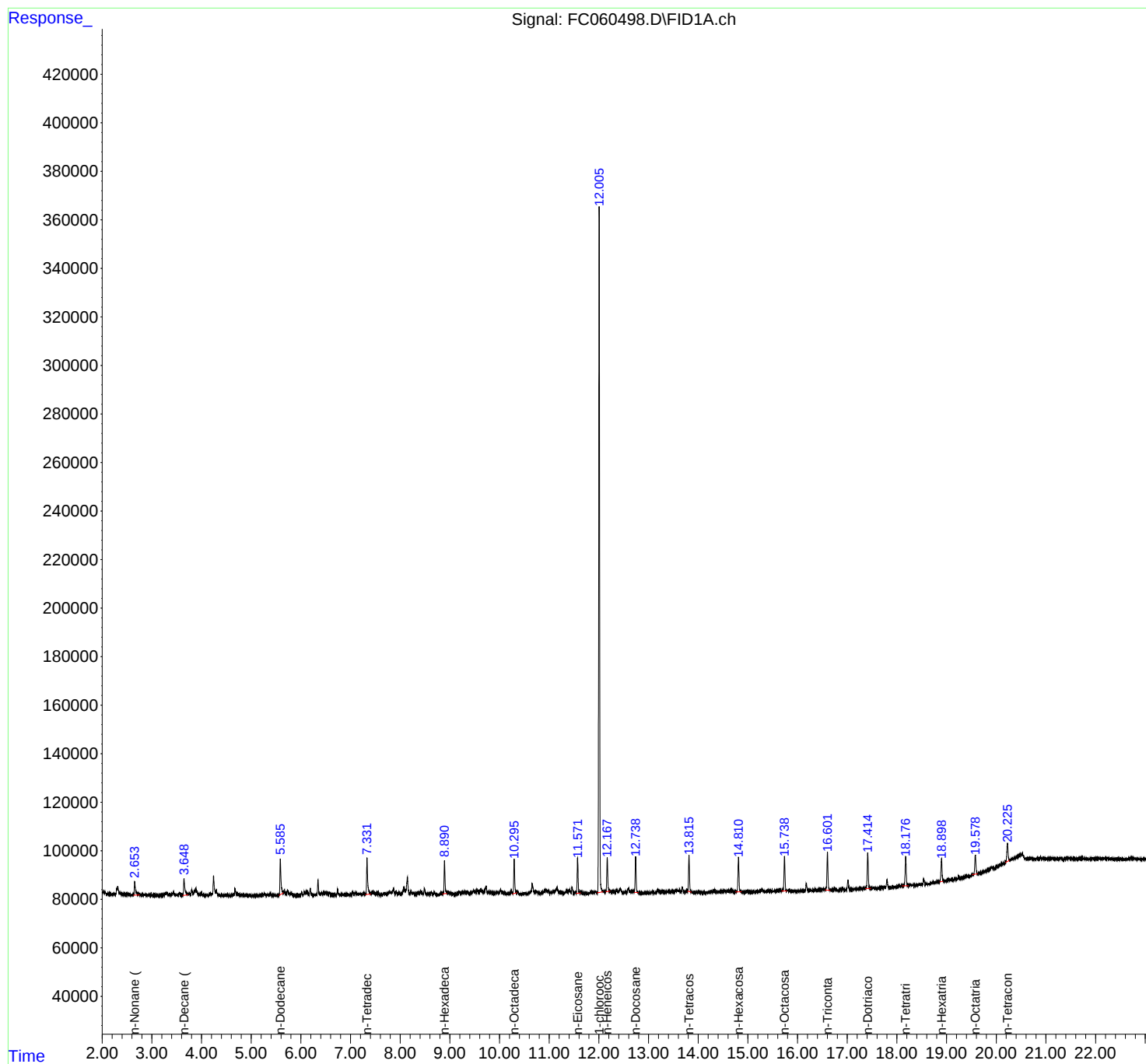
Instrument :
FID_C
ClientSampleId :
MDL-WATER-03-QT1-2022

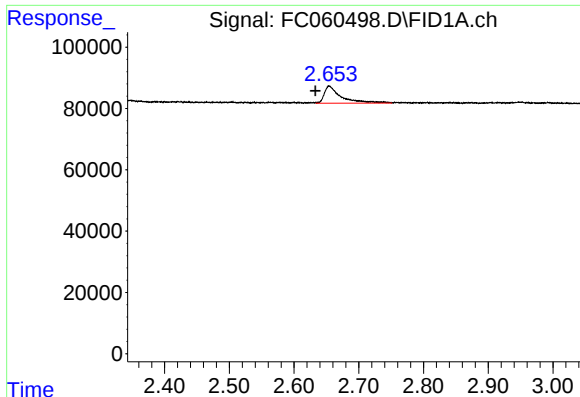
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2022
Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
Quant Time: Jun 29 03:17:10 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
Quant Title : GC Extractables
QLast Update : Sat Jun 25 04:15:44 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





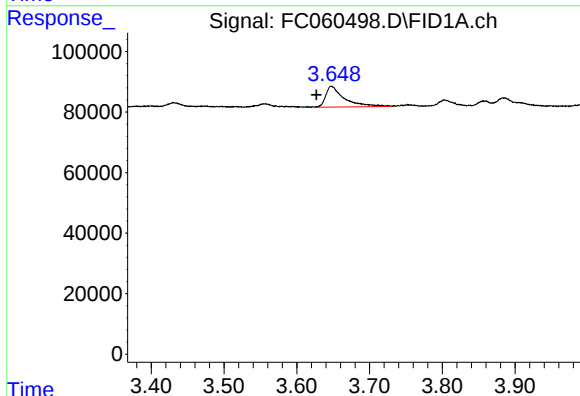
#1 n-Nonane (C9)

R.T.: 2.653 min
Delta R.T.: 0.020 min
Response: 100681
Conc: 0.66 ug/ml

Instrument : FID_C
ClientSampleId : MDL-WATER-03-QT1-2022

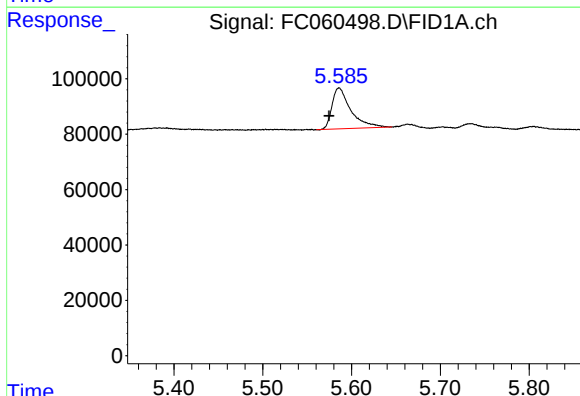
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2022
Supervised By :Ankita Jodhani 06/29/2022



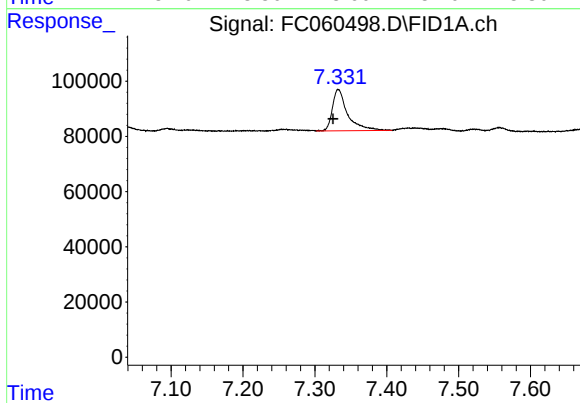
#2 n-Decane (C10)

R.T.: 3.648 min
Delta R.T.: 0.021 min
Response: 123263
Conc: 0.81 ug/ml m



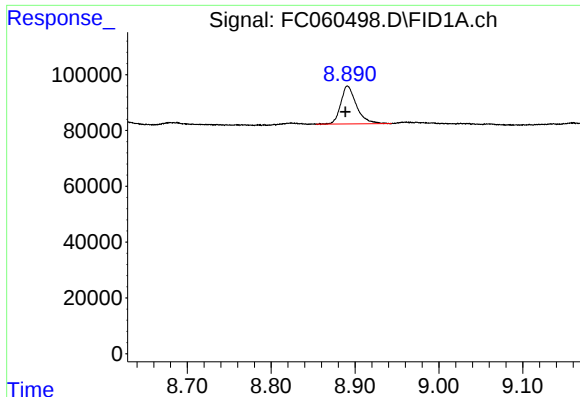
#4 n-Dodecane (C12)

R.T.: 5.586 min
Delta R.T.: 0.012 min
Response: 216613
Conc: 1.34 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.333 min
Delta R.T.: 0.007 min
Response: 218920
Conc: 1.33 ug/ml



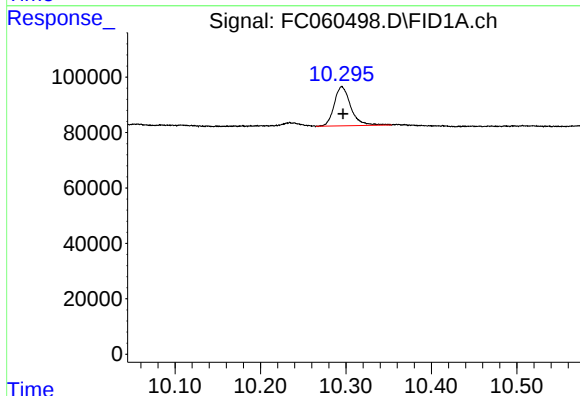
#7 n-Hexadecane (C16)

R.T.: 8.891 min
Delta R.T.: 0.003 min
Response: 177259
Conc: 1.05 ug/ml

Instrument :
FID_C
ClientSampleId :
MDL-WATER-03-QT1-2022

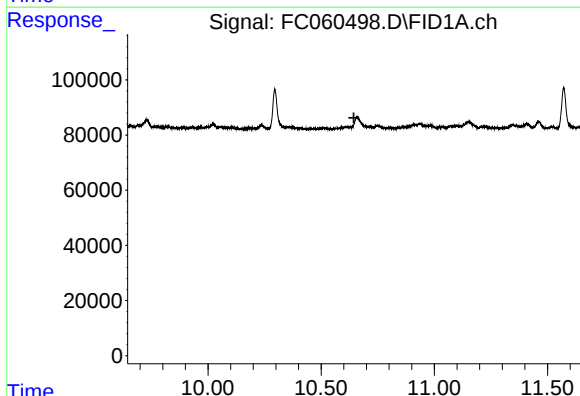
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2022
Supervised By :Ankita Jodhani 06/29/2022



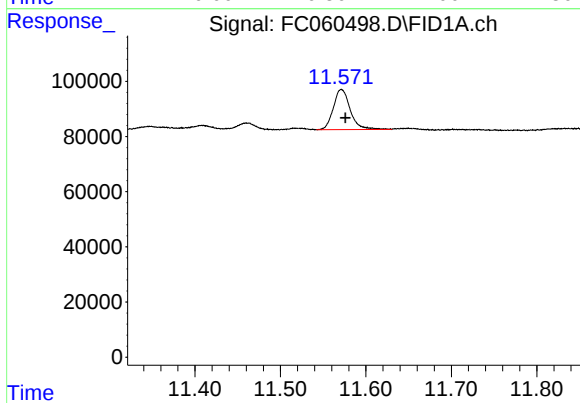
#8 n-Octadecane (C18)

R.T.: 10.295 min
Delta R.T.: -0.001 min
Response: 189257
Conc: 1.10 ug/ml



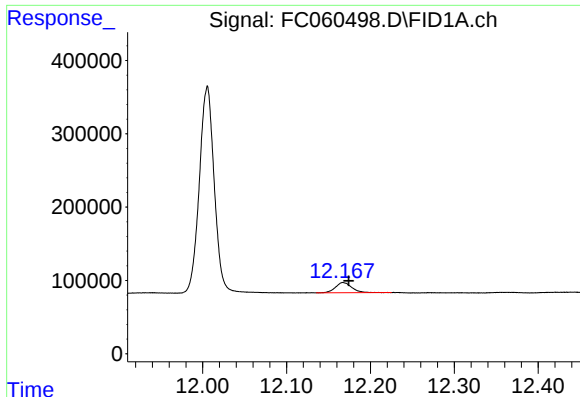
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.572 min
Delta R.T.: -0.005 min
Response: 198870
Conc: 1.17 ug/ml



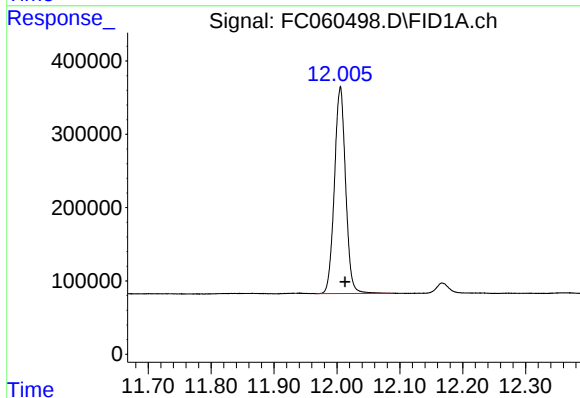
#11 n-Heneicosane (C21)

R.T.: 12.168 min
Delta R.T.: -0.006 min
Response: 189007
Conc: 1.11 ug/ml

Instrument :
FID_C
ClientSampleId :
MDL-WATER-03-QT1-2022

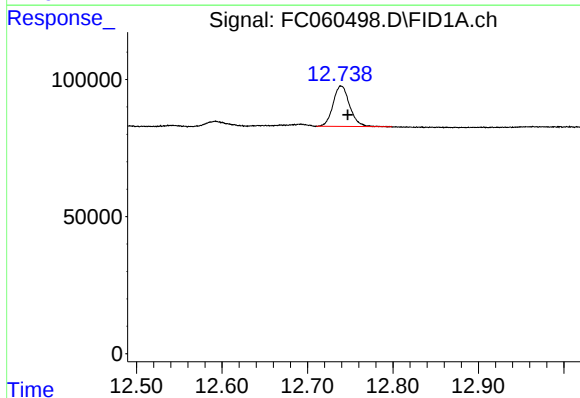
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2022
Supervised By :Ankita Jodhani 06/29/2022



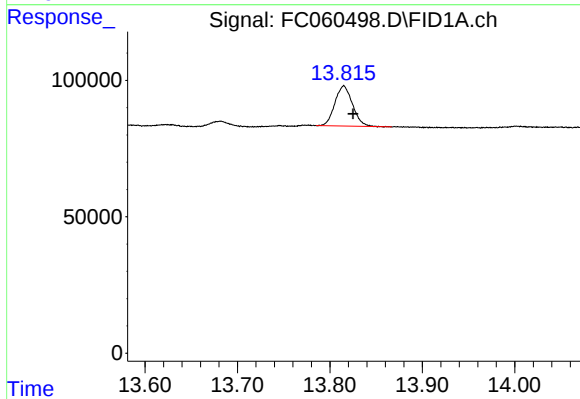
#12 1-chlorooctadecane (SURR)

R.T.: 12.005 min
Delta R.T.: -0.007 min
Response: 3484619
Conc: 23.64 ug/ml



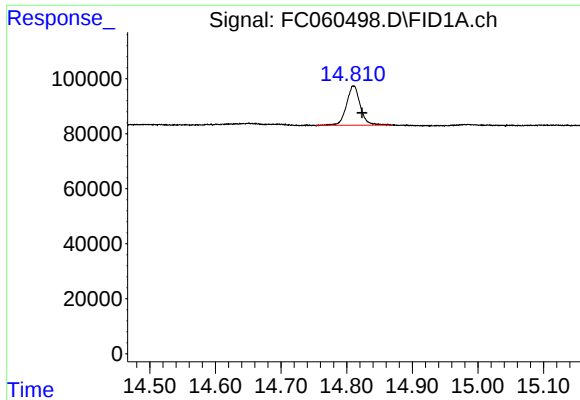
#13 n-Docosane (C22)

R.T.: 12.739 min
Delta R.T.: -0.008 min
Response: 199001
Conc: 1.17 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.815 min
Delta R.T.: -0.010 min
Response: 195547
Conc: 1.16 ug/ml



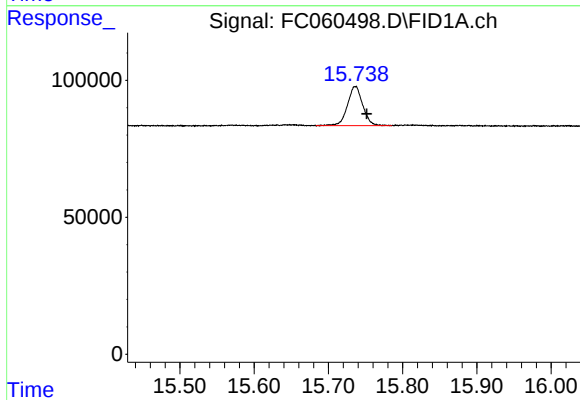
#15 n-Hexacosane (C26)

R.T.: 14.811 min
Delta R.T.: -0.013 min
Response: 209895
Conc: 1.28 ug/ml

Instrument :
FID_C
ClientSampleId :
MDL-WATER-03-QT1-2022

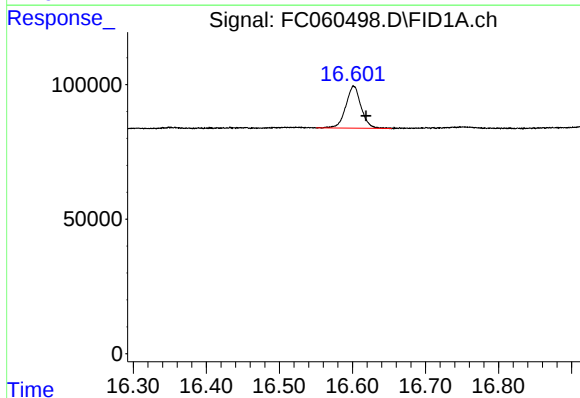
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2022
Supervised By :Ankita Jodhani 06/29/2022



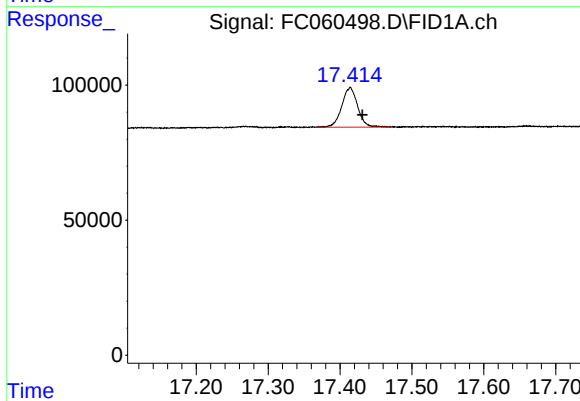
#16 n-Octacosane (C28)

R.T.: 15.736 min
Delta R.T.: -0.015 min
Response: 204162
Conc: 1.29 ug/ml



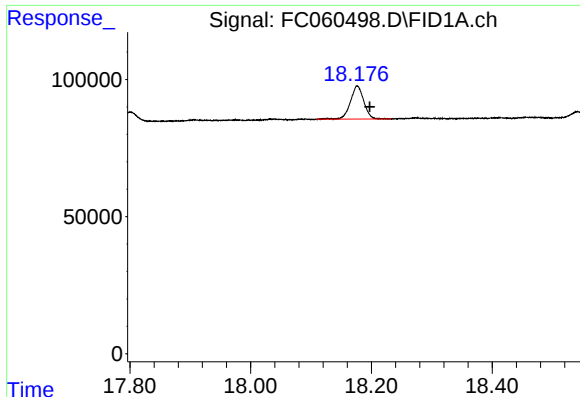
#17 n-Tricontane (C30)

R.T.: 16.602 min
Delta R.T.: -0.017 min
Response: 226686
Conc: 1.49 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.414 min
Delta R.T.: -0.017 min
Response: 224048
Conc: 1.54 ug/ml



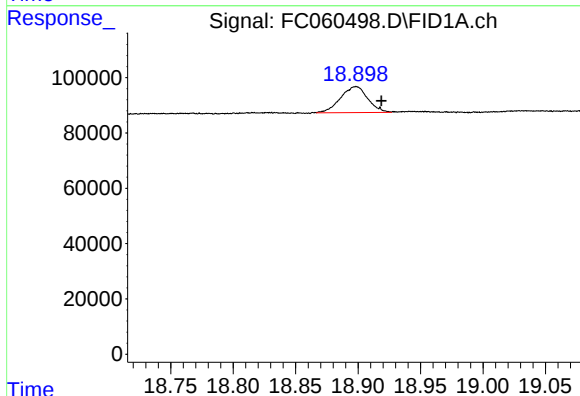
#19 n-Tetratriacontane (C34)

R.T.: 18.177 min
Delta R.T.: -0.020 min
Response: 184471
Conc: 1.45 ug/ml

Instrument :
FID_C
ClientSampleId :
MDL-WATER-03-QT1-2022

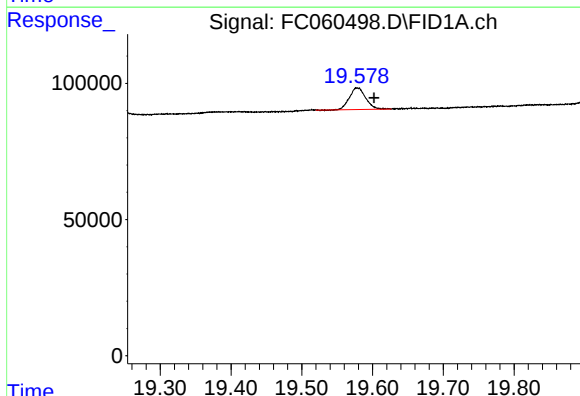
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2022
Supervised By :Ankita Jodhani 06/29/2022



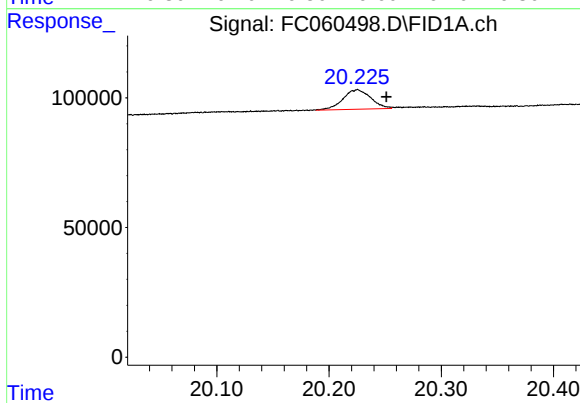
#20 n-Hexatriacontane (C36)

R.T.: 18.898 min
Delta R.T.: -0.020 min
Response: 143441
Conc: 1.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.579 min
Delta R.T.: -0.023 min
Response: 126926
Conc: 1.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.225 min
Delta R.T.: -0.026 min
Response: 129301
Conc: 1.14 ug/ml m