

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AL\
 Data File : FD038217.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 15:34
 Operator : AJ\MA
 Sample : M2940-08
 Misc : LOQ 5 PPM
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

Manual Integrations
 APPROVED

mohammad
 7/16/2021 11:36:27 AM

Integration File: autoint1.e
 Quant Time: Jul 16 04:11:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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			
12) S 1-chlorooctadecane (S...	12.857	5450137	47.804 ug/ml
Spiked Amount 50.000		Recovery =	95.61%
Target Compounds			
1) T n-Nonane (C9)	3.231	694026	5.711 ug/ml
2) T n-Decane (C10)	4.287	696920	5.698 ug/ml
4) T n-Dodecane (C12)	6.292	734456	5.897 ug/ml
6) T n-Tetradecane (C14)	8.078	751966	5.851 ug/ml
7) T n-Hexadecane (C16)	9.671	753800	5.817 ug/ml
8) T n-Octadecane (C18)	11.107	782150	5.808 ug/ml
10) T n-Eicosane (C20)	12.410	728173	5.421 ug/ml
11) T n-Heneicosane (C21)	13.020	721476	5.310 ug/ml
13) T n-Docosane (C22)	13.603	703808	5.231 ug/ml
14) T n-Tetracosane (C24)	14.701	681555	5.047 ug/ml
15) T n-Hexacosane (C26)	15.717	630853	4.788 ug/ml
16) T n-Octacosane (C28)	16.662	595961	4.571 ug/ml
17) T n-Tricontane (C30)	17.547	608763	4.764 ug/ml
18) T n-Dotriacontane (C32)	18.376	601811	4.891 ug/ml
19) T n-Tetratriacontane (C34)	19.156	583179	4.980 ug/ml
20) T n-Hexatriacontane (C36)	19.892	530790	4.860 ug/ml
21) T n-Octatriacontane (C38)	20.597	556481	5.525 ug/mlm
22) T n-Tetracontane (C40)	21.427	630168	6.443 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AL\
Data File : FD038217.D
Signal(s) : FID2B.CH
Acq On : 15 Jul 2021 15:34
Operator : AJ\MA
Sample : M2940-08
Misc : LOQ 5 PPM
ALS Vial : 60 Sample Multiplier: 1

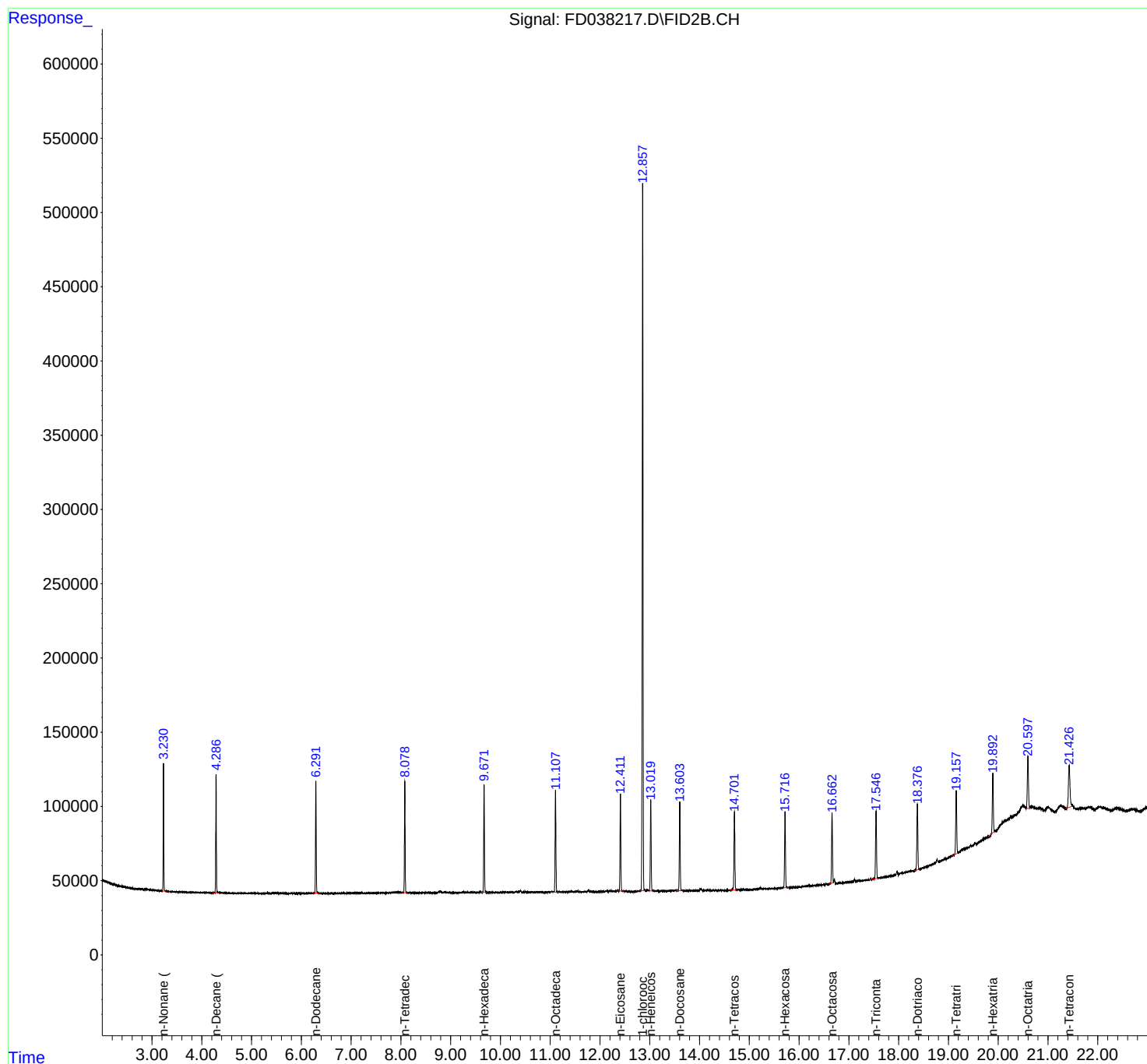
Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT3-2021

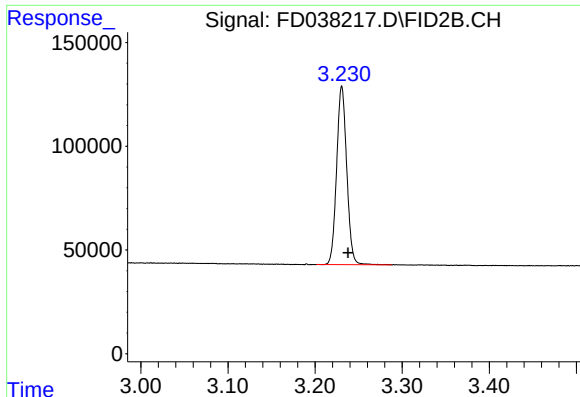
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:27 AM

Integration File: autoint1.e
Quant Time: Jul 16 04:11:32 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
Quant Title : GC Extractables
QLast Update : Wed Jul 07 10:58:41 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





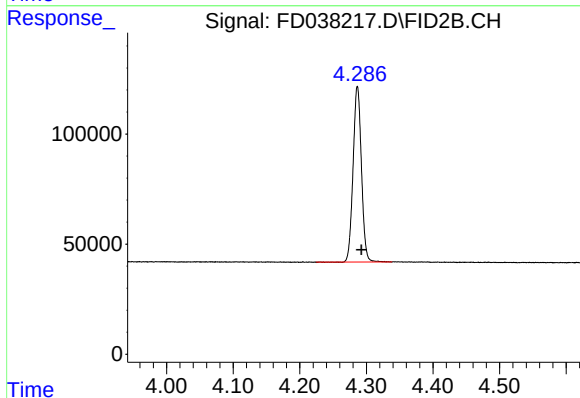
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: -0.007 min
Response: 694026
Conc: 5.71 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT3-2021

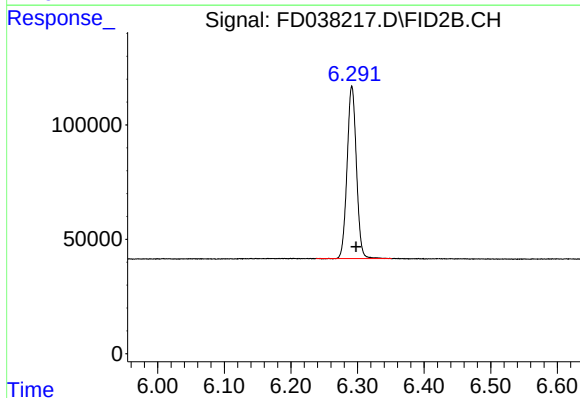
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:27 AM



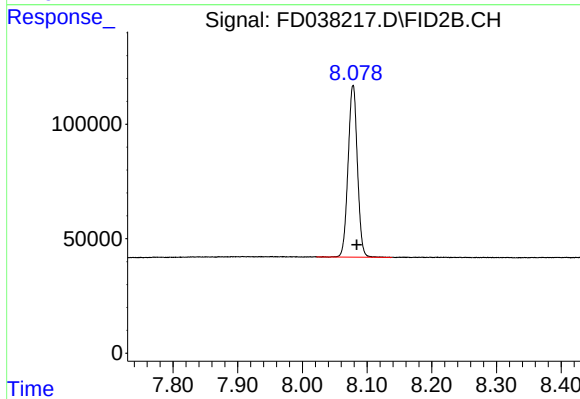
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.006 min
Response: 696920
Conc: 5.70 ug/ml



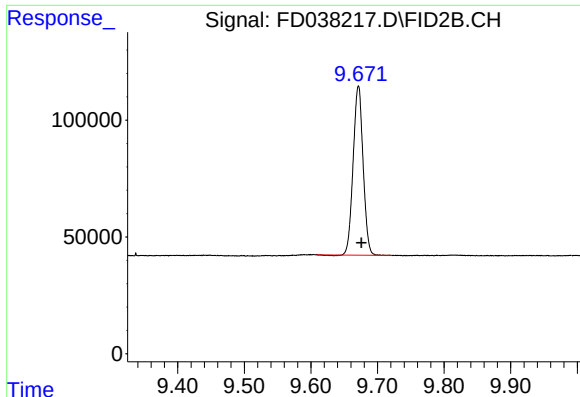
#4 n-Dodecane (C12)

R.T.: 6.292 min
Delta R.T.: -0.006 min
Response: 734456
Conc: 5.90 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.078 min
Delta R.T.: -0.006 min
Response: 751966
Conc: 5.85 ug/ml



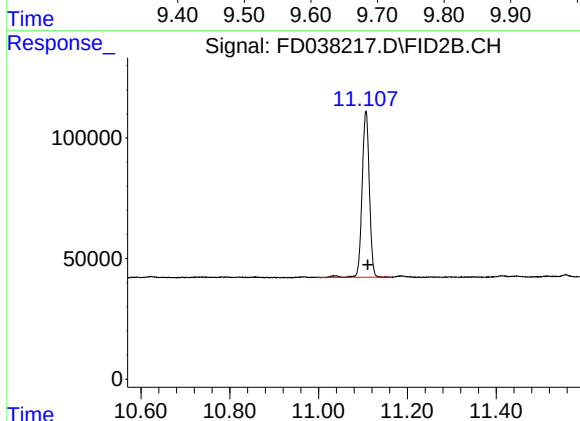
#7 n-Hexadecane (C16)

R.T.: 9.671 min
Delta R.T.: -0.005 min
Response: 753800
Conc: 5.82 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT3-2021

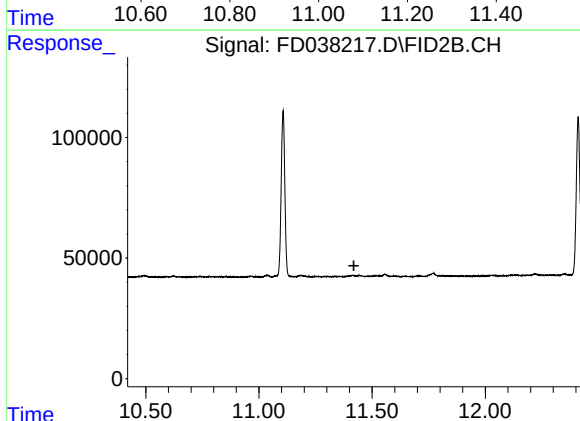
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:27 AM



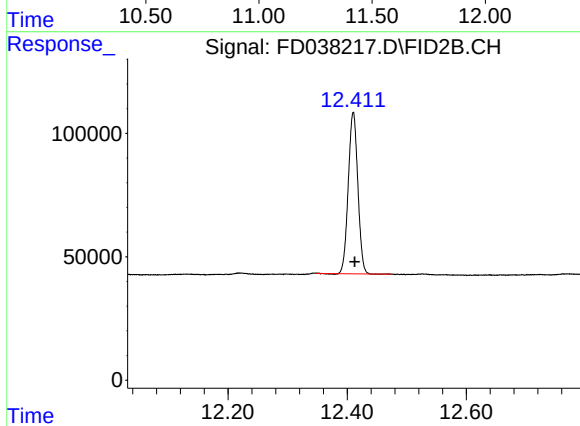
#8 n-Octadecane (C18)

R.T.: 11.107 min
Delta R.T.: -0.004 min
Response: 782150
Conc: 5.81 ug/ml



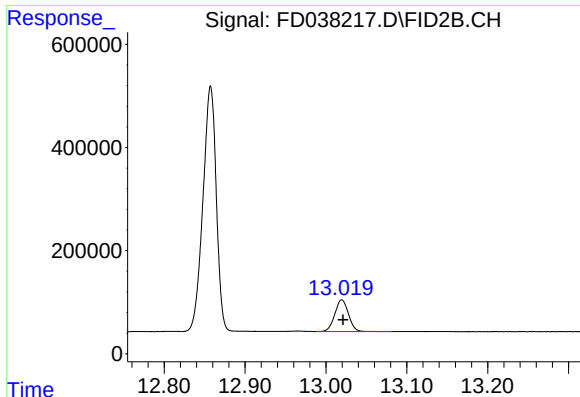
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.420 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.410 min
Delta R.T.: -0.002 min
Response: 728173
Conc: 5.42 ug/ml



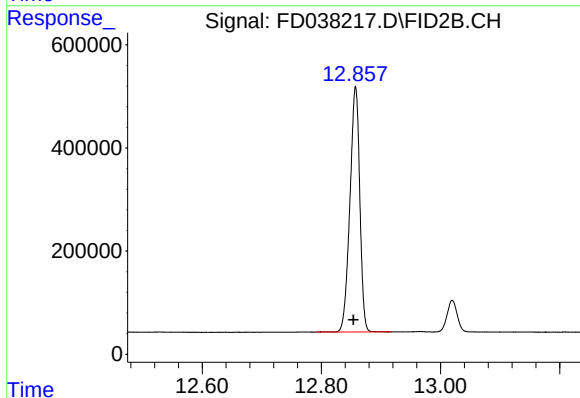
#11 n-Heneicosane (C21)

R.T.: 13.020 min
Delta R.T.: -0.001 min
Response: 721476
Conc: 5.31 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT3-2021

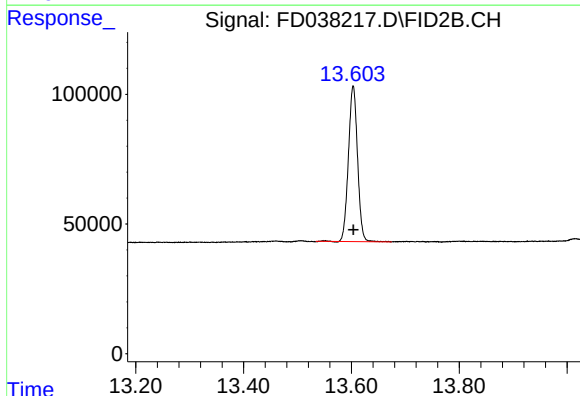
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:27 AM



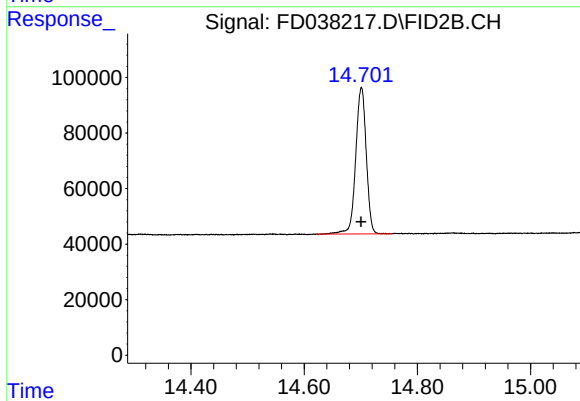
#12 1-chlorooctadecane (SURR)

R.T.: 12.857 min
Delta R.T.: 0.004 min
Response: 5450137
Conc: 47.80 ug/ml



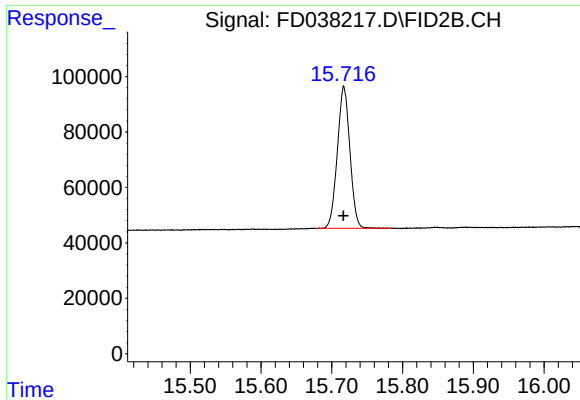
#13 n-Docosane (C22)

R.T.: 13.603 min
Delta R.T.: 0.000 min
Response: 703808
Conc: 5.23 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.701 min
Delta R.T.: 0.000 min
Response: 681555
Conc: 5.05 ug/ml



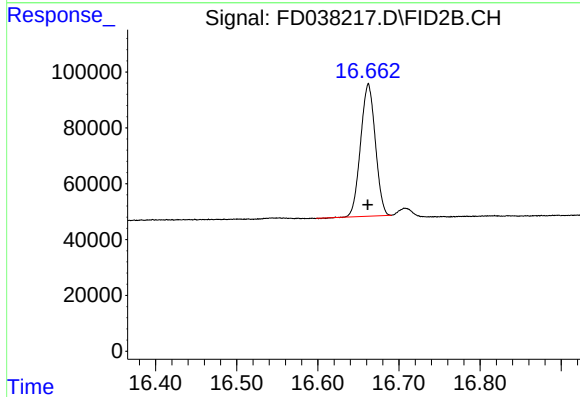
#15 n-Hexacosane (C26)

R.T.: 15.717 min
Delta R.T.: 0.000 min
Response: 630853
Conc: 4.79 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT3-2021

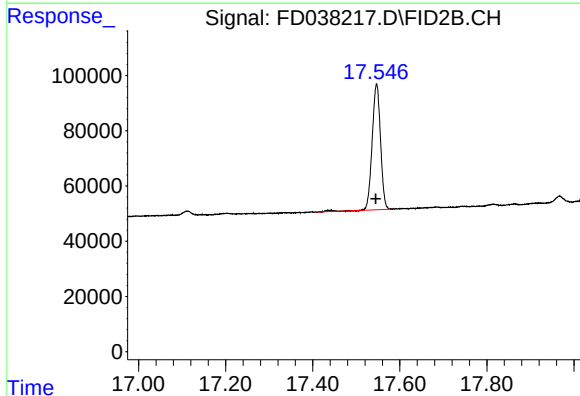
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:27 AM



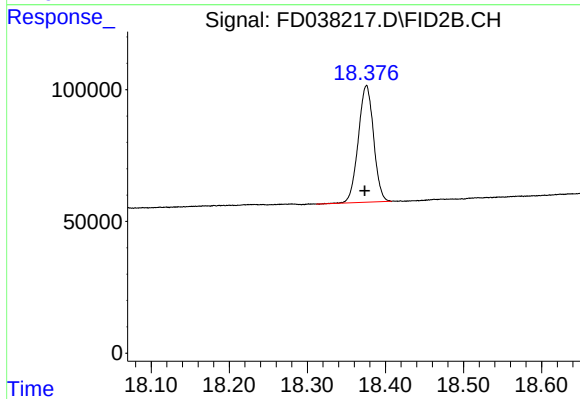
#16 n-Octacosane (C28)

R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 595961
Conc: 4.57 ug/ml



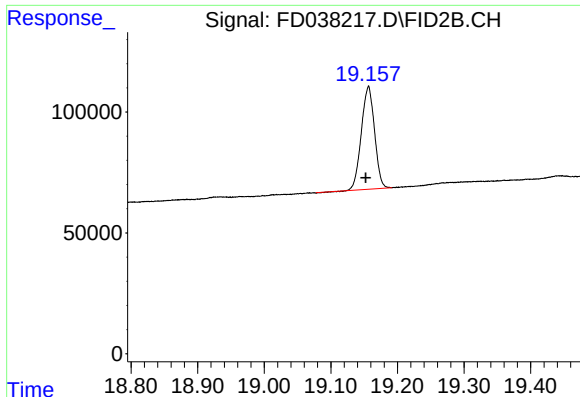
#17 n-Tricontane (C30)

R.T.: 17.547 min
Delta R.T.: 0.002 min
Response: 608763
Conc: 4.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.376 min
Delta R.T.: 0.002 min
Response: 601811
Conc: 4.89 ug/ml



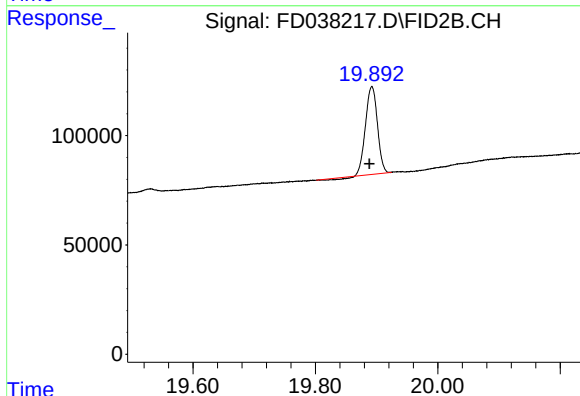
#19 n-Tetratriacontane (C34)

R.T.: 19.156 min
Delta R.T.: 0.004 min
Response: 583179
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT3-2021

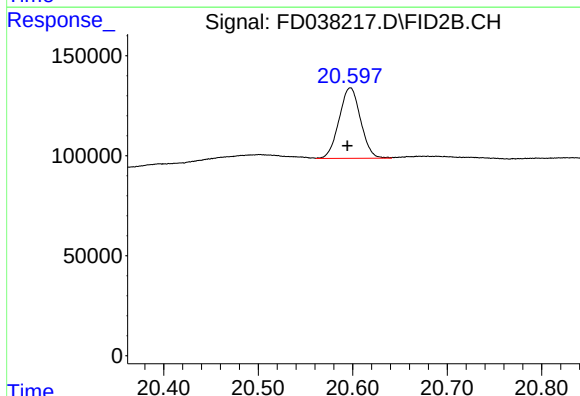
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:27 AM



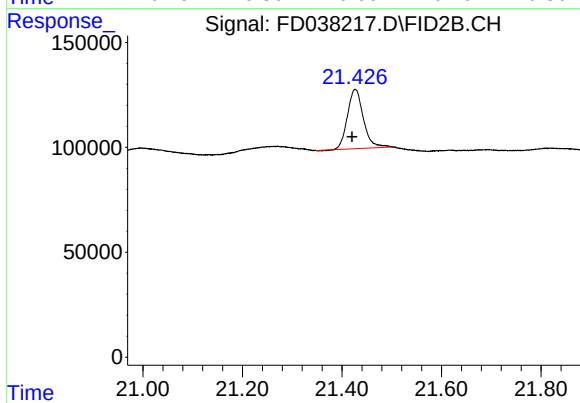
#20 n-Hexatriacontane (C36)

R.T.: 19.892 min
Delta R.T.: 0.004 min
Response: 530790
Conc: 4.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: 0.003 min
Response: 556481
Conc: 5.53 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.427 min
Delta R.T.: 0.006 min
Response: 630168
Conc: 6.44 ug/ml