

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061125\
 Data File : FF015950.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 14:43
 Operator : YP\AJ
 Sample : Q2126-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-06-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 11 15:28:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
 Quant Title :
 QLast Update : Wed May 21 12:32:51 2025
 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...	15.021	5013660	41.050 ug/ml
Target Compounds			
1) N-OCTANE	2.115f	73224	0.601 ug/mlm
2) N-DECANE	4.972f	34502	0.291 ug/mlm
3) N-DODECANE	7.041f	76503	0.608 ug/mlm
4) N-TETRADECANE	8.731f	84252	0.671 ug/mlm
5) N-HEXADECANE	10.256f	90940	0.693 ug/mlm
6) N-OCTADECANE	11.655	170920	1.244 ug/ml
7) N-EICOSANE	12.945	219180	1.540 ug/mlm
8) N-DOCOSANE	14.130	290626	2.092 ug/ml
10) N-TETRACOSANE	15.231	326478	2.342 ug/ml
11) N-HEXACOSANE	16.253	327717	2.363 ug/ml
12) N-OCTACOSANE	17.200	391777	2.850 ug/mlm
13) N-TRIACONTANE	18.086	538444	3.868 ug/mlm
14) N-DOTRIACONTANE	18.917	364923	2.703 ug/mlm
15) N-TETRATRIACONTANE	19.703	474488	3.847 ug/mlm
16) N-HEXATRIACONTANE	20.443	244500	2.251 ug/mlm
17) N-OCTATRIACONTANE	21.182	203780	2.147 ug/mlm
18) N-TETRACONTANE	22.113	149183	1.756 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061125\
Data File : FF015950.D
Signal(s) : FID2B.ch
Acq On : 11 Jun 2025 14:43
Operator : YP\AJ
Sample : Q2126-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

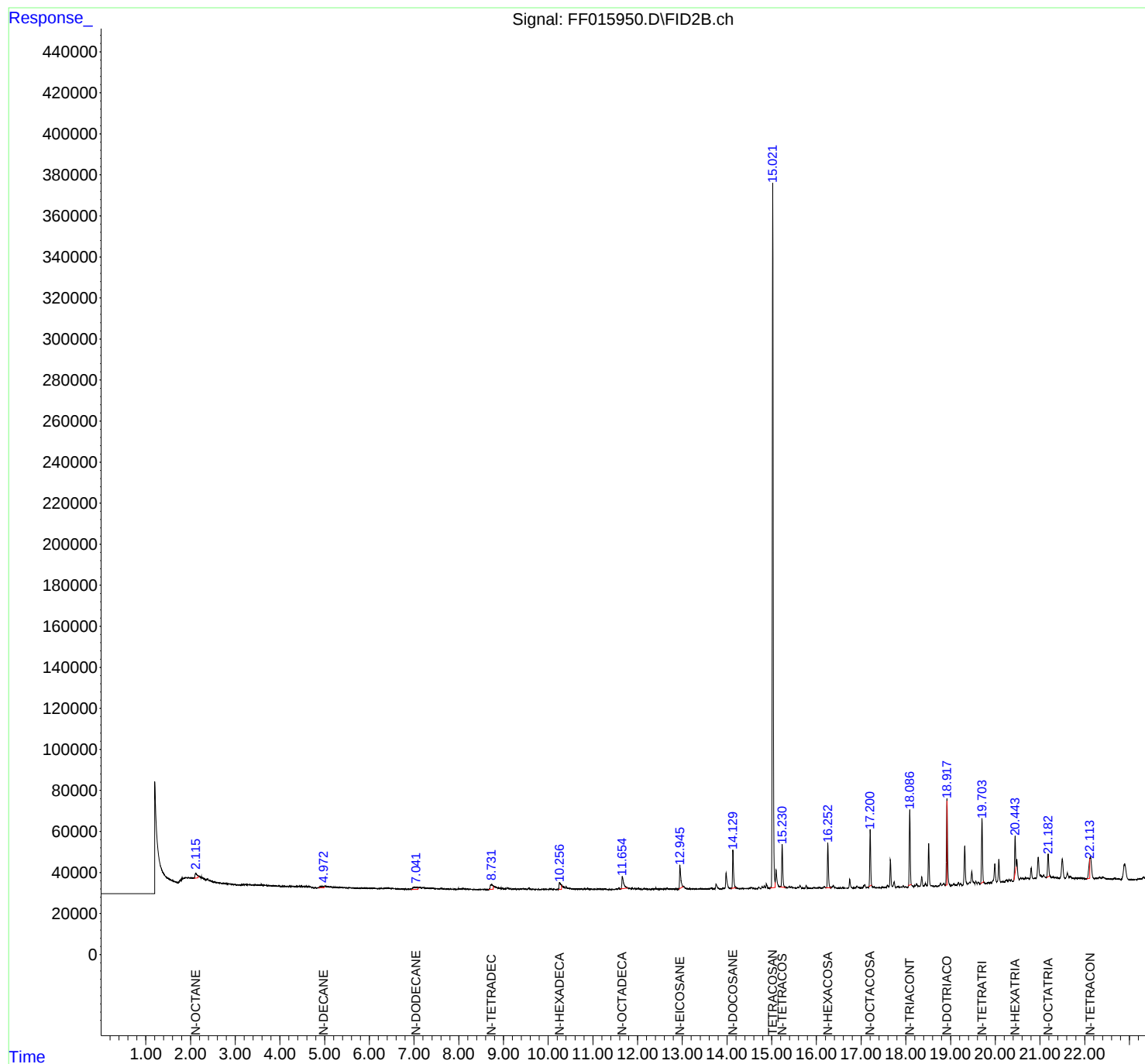
Instrument :
FID_F
ClientSampleId :
MDL-WATER-06-QT2-2025

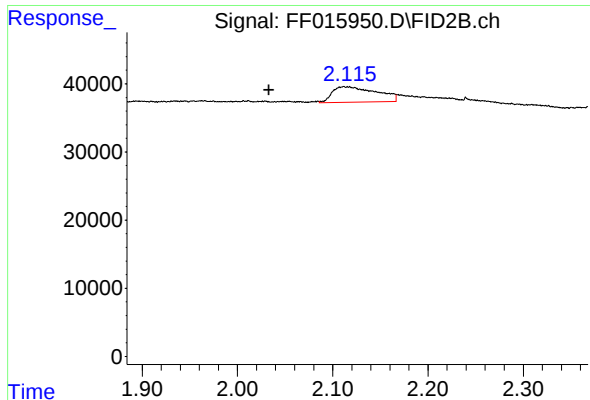
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
Quant Time: Jun 11 15:28:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
Quant Title :
QLast Update : Wed May 21 12:32:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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





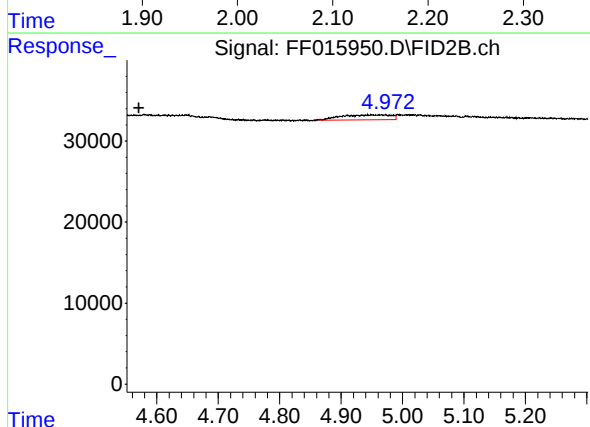
#1 N-OCTANE

R.T.: 2.115 min
Delta R.T.: 0.082 min
Response: 73224
Conc: 0.60 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-WATER-06-QT2-2025

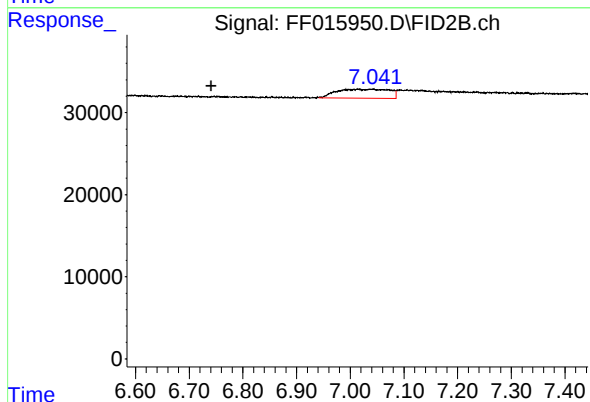
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



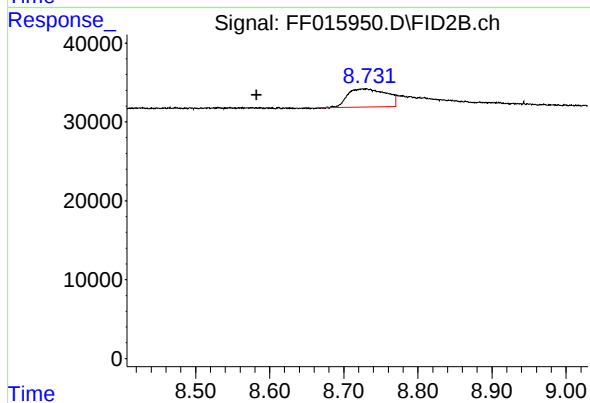
#2 N-DECANE

R.T.: 4.972 min
Delta R.T.: 0.401 min
Response: 34502
Conc: 0.29 ug/ml m



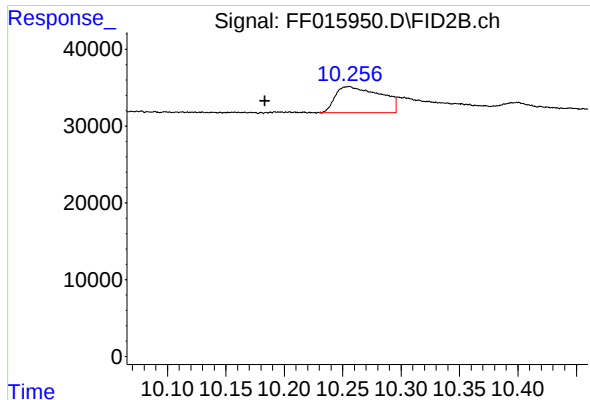
#3 N-DODECANE

R.T.: 7.041 min
Delta R.T.: 0.300 min
Response: 76503
Conc: 0.61 ug/ml m



#4 N-TETRADECANE

R.T.: 8.731 min
Delta R.T.: 0.148 min
Response: 84252
Conc: 0.67 ug/ml m



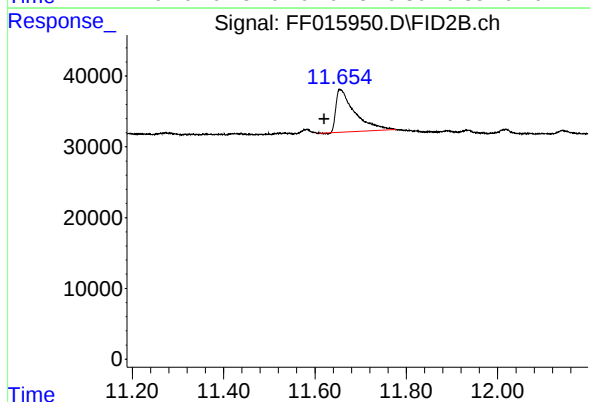
#5 N-HEXADECANE

R.T.: 10.256 min
Delta R.T.: 0.072 min
Response: 90940
Conc: 0.69 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-WATER-06-QT2-2025

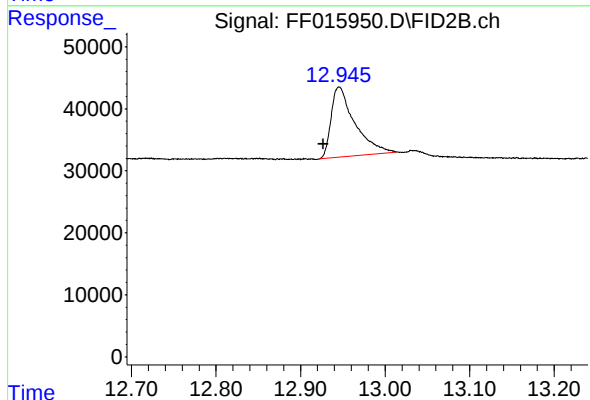
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



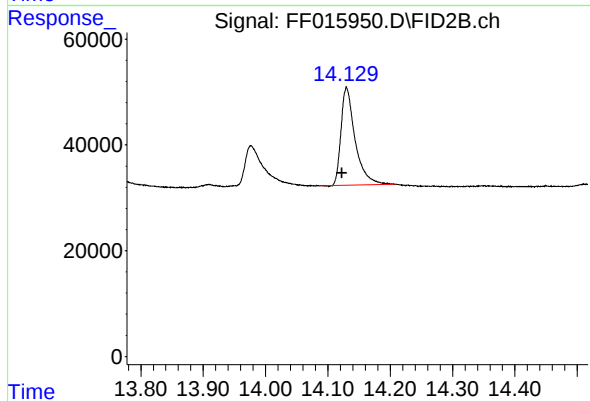
#6 N-OCTADECANE

R.T.: 11.655 min
Delta R.T.: 0.035 min
Response: 170920
Conc: 1.24 ug/ml



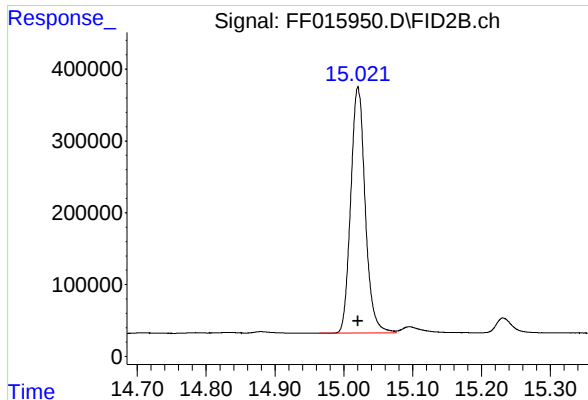
#7 N-EICOSANE

R.T.: 12.945 min
Delta R.T.: 0.018 min
Response: 219180
Conc: 1.54 ug/ml m



#8 N-DOCOSANE

R.T.: 14.130 min
Delta R.T.: 0.007 min
Response: 290626
Conc: 2.09 ug/ml



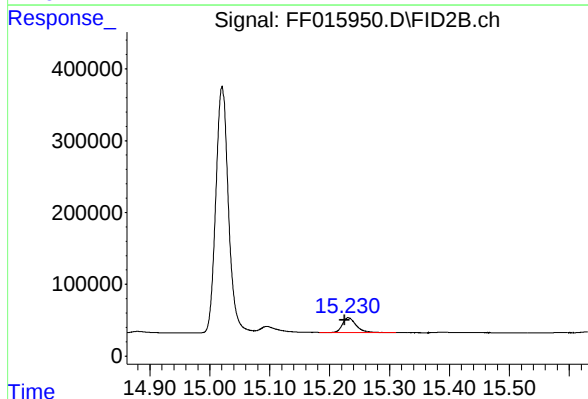
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.021 min
Delta R.T.: 0.000 min
Response: 5013660
Conc: 41.05 ug/ml

Instrument : FID_F
ClientSampleId : MDL-WATER-06-QT2-2025

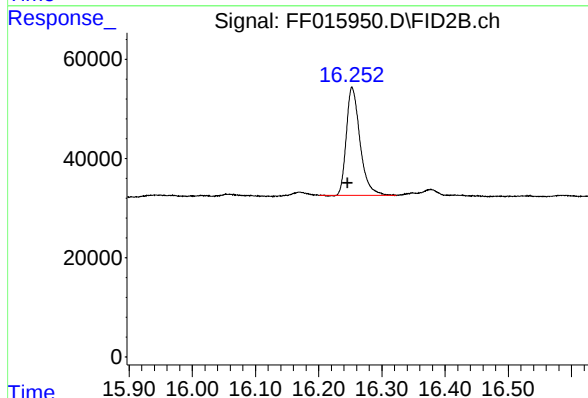
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



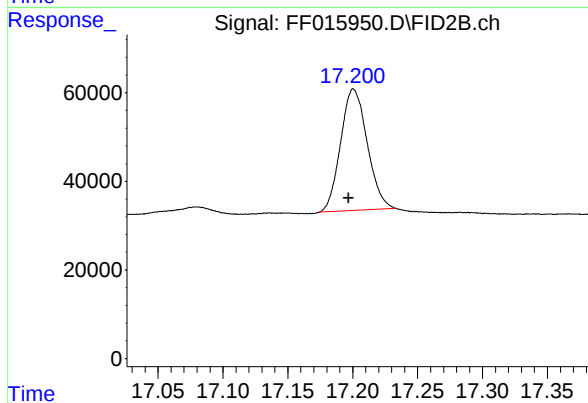
#10 N-TETRACOSANE

R.T.: 15.231 min
Delta R.T.: 0.006 min
Response: 326478
Conc: 2.34 ug/ml



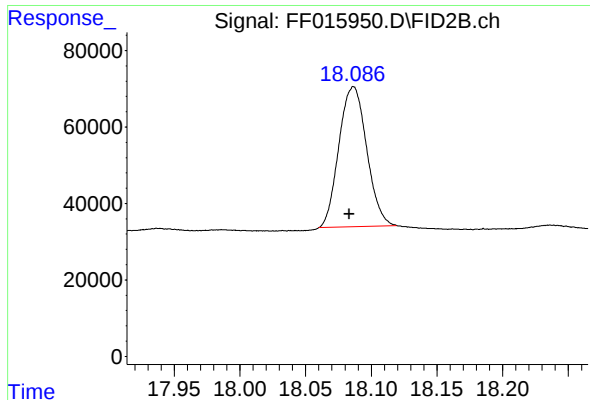
#11 N-HEXACOSANE

R.T.: 16.253 min
Delta R.T.: 0.007 min
Response: 327717
Conc: 2.36 ug/ml



#12 N-OCTACOSANE

R.T.: 17.200 min
Delta R.T.: 0.003 min
Response: 391777
Conc: 2.85 ug/ml m



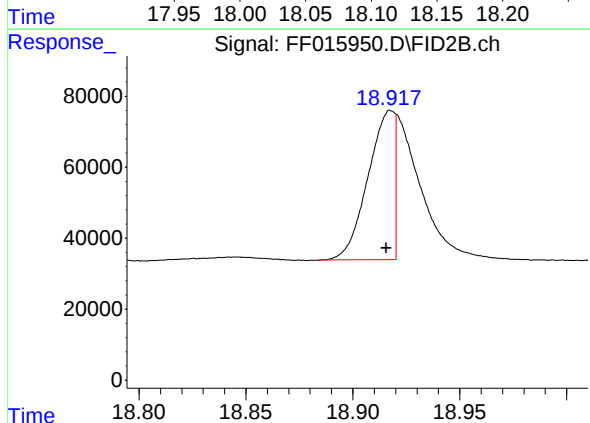
#13 N-TRIACONTANE

R.T.: 18.086 min
Delta R.T.: 0.003 min
Response: 538444
Conc: 3.87 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-WATER-06-QT2-2025

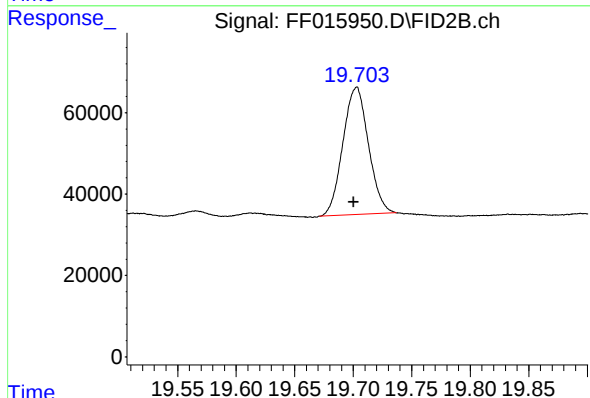
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



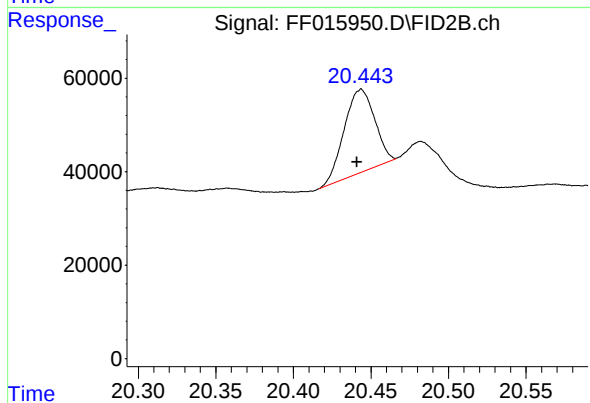
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: 0.001 min
Response: 364923
Conc: 2.70 ug/ml m



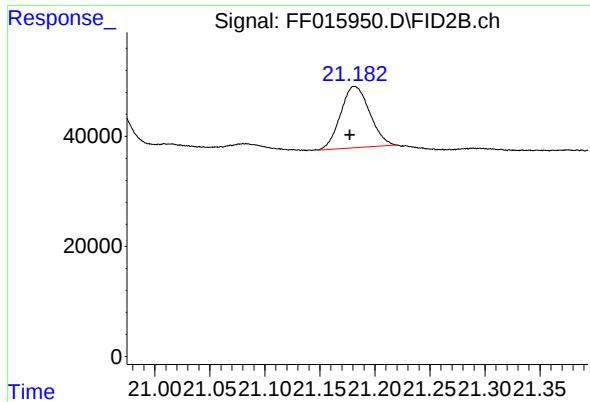
#15 N-TETRATRIACONTANE

R.T.: 19.703 min
Delta R.T.: 0.003 min
Response: 474488
Conc: 3.85 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.443 min
Delta R.T.: 0.002 min
Response: 244500
Conc: 2.25 ug/ml m



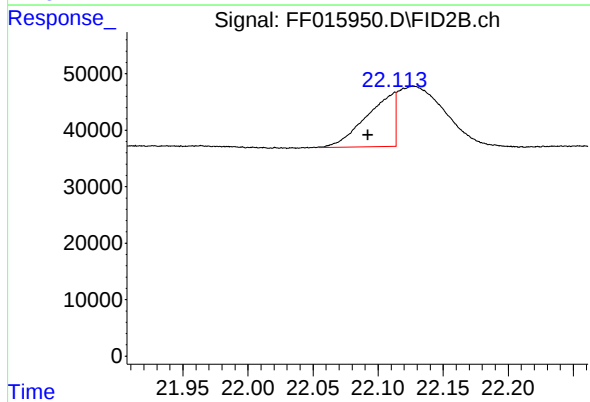
#17 N-OCTATRIACONTANE

R.T.: 21.182 min
Delta R.T.: 0.004 min
Response: 203780
Conc: 2.15 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-WATER-06-QT2-2025

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



#18 N-TETRACONTANE

R.T.: 22.113 min
Delta R.T.: 0.020 min
Response: 149183
Conc: 1.76 ug/ml m