

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
 Data File : FF016203.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2025 15:37
 Operator : YP\AJ
 Sample : Q2893-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
 Quant Time: Aug 26 04:49:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.082	2194192	19.658 ug/ml
Target Compounds			
2) N-DECANE	4.599	123023	1.057 ug/ml
3) N-DODECANE	6.776	120987	1.024 ug/ml
4) N-TETRADECANE	8.610	127062	1.051 ug/ml
5) N-HEXADECANE	10.220	129260	1.064 ug/ml
6) N-OCTADECANE	11.664	136516	1.091 ug/ml
7) N-EICOSANE	12.978	144816	1.119 ug/ml
8) N-DOCOSANE	14.178	141582	1.120 ug/ml
10) N-TETRACOSANE	15.284	146082	1.153 ug/ml
11) N-HEXACOSANE	16.308	137445	1.110 ug/ml
12) N-OCTACOSANE	17.260	142582	1.139 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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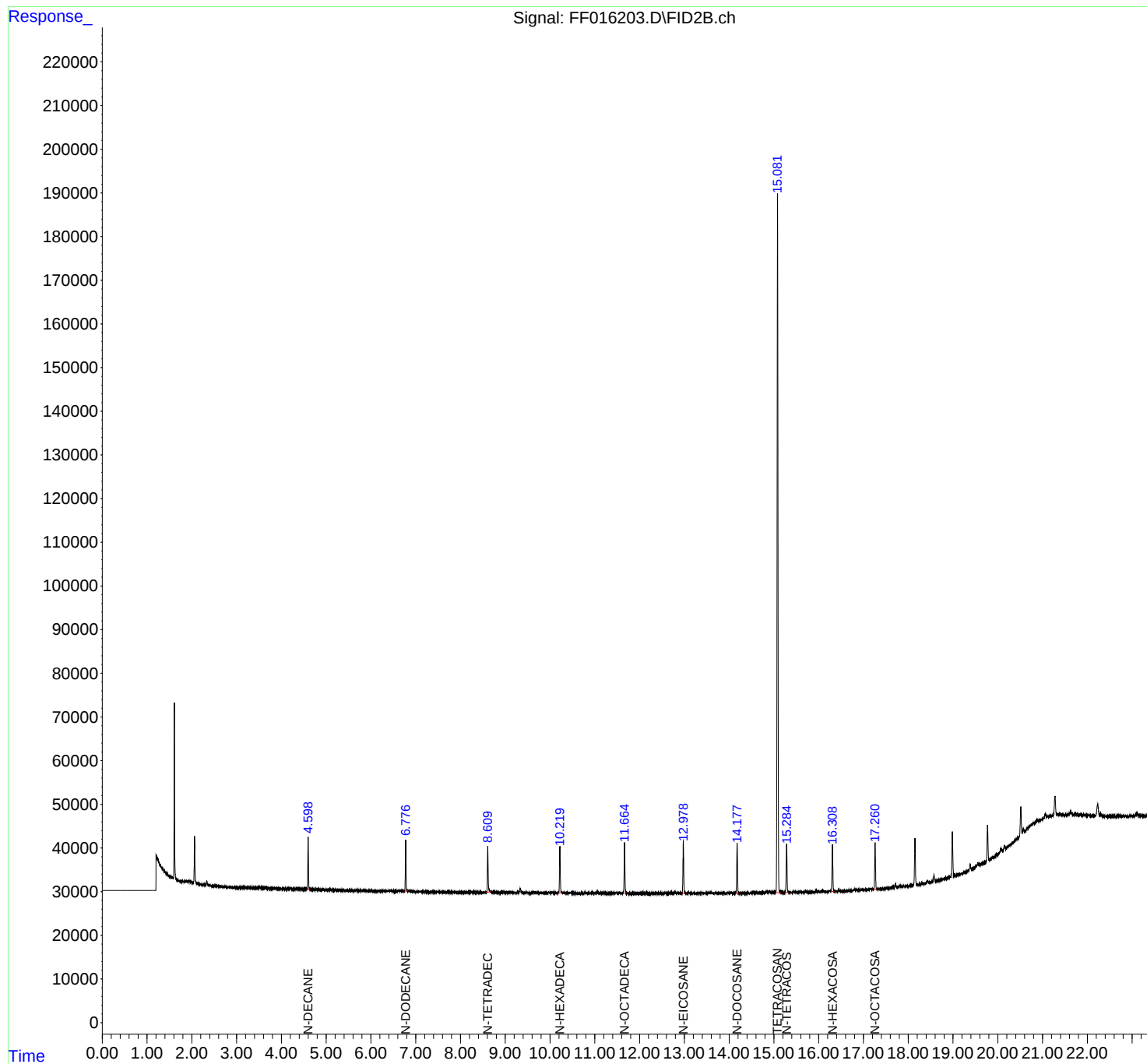
Instrument :
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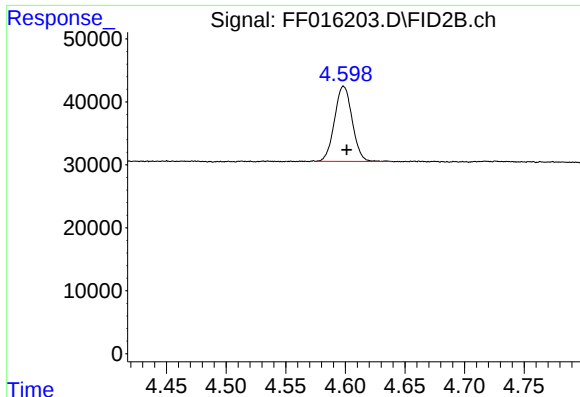
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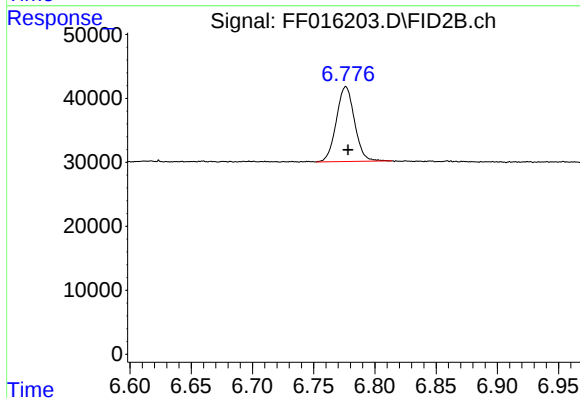
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 123023
Conc: 1.06 ug/ml

Instrument : FID_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

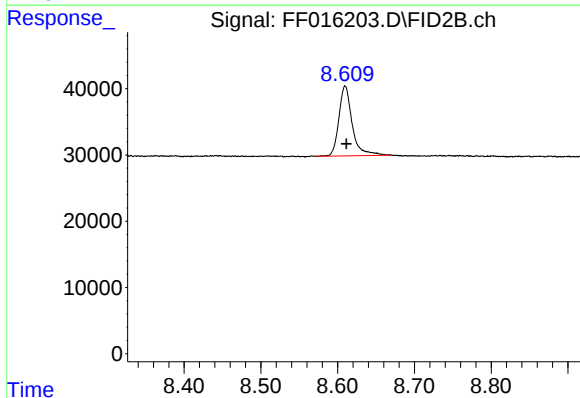
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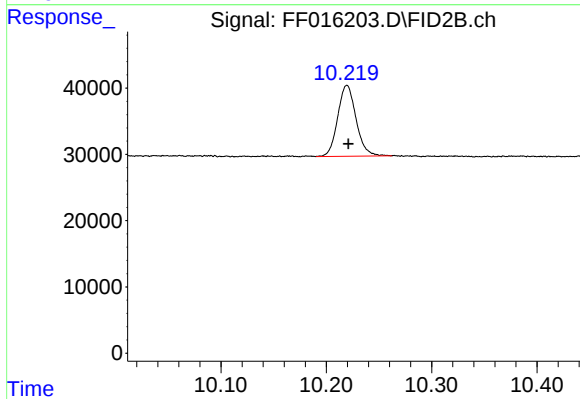
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 120987
Conc: 1.02 ug/ml



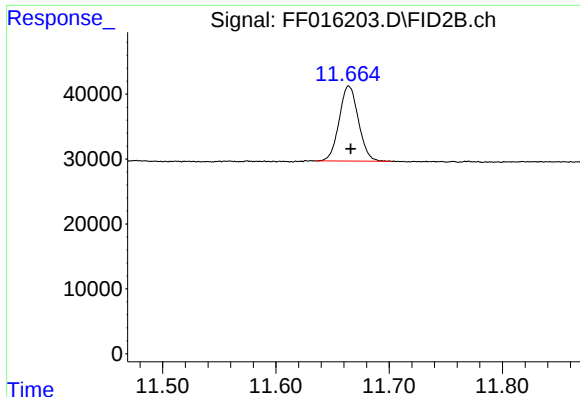
#4 N-TETRADECANE

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 127062
Conc: 1.05 ug/ml



#5 N-HEXADECANE

R.T.: 10.220 min
Delta R.T.: -0.001 min
Response: 129260
Conc: 1.06 ug/ml



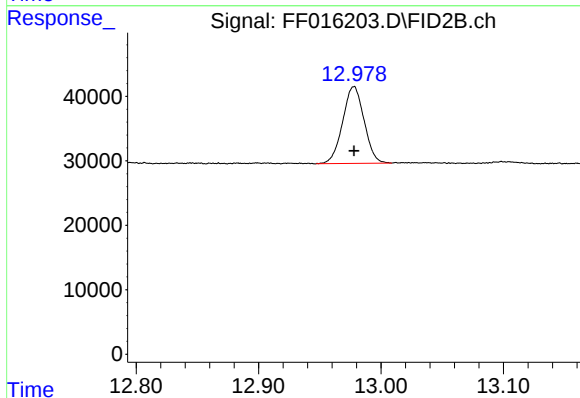
#6 N-OCTADECANE

R.T.: 11.664 min
Delta R.T.: -0.002 min
Response: 136516
Conc: 1.09 ug/ml

Instrument : FID_F
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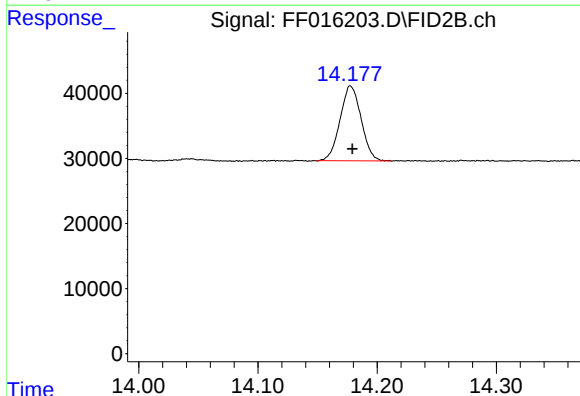
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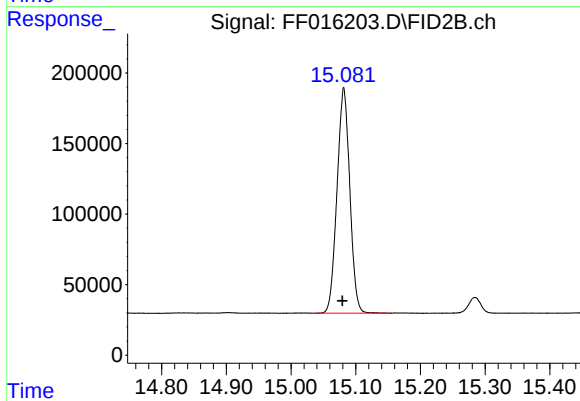
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: 0.000 min
Response: 144816
Conc: 1.12 ug/ml



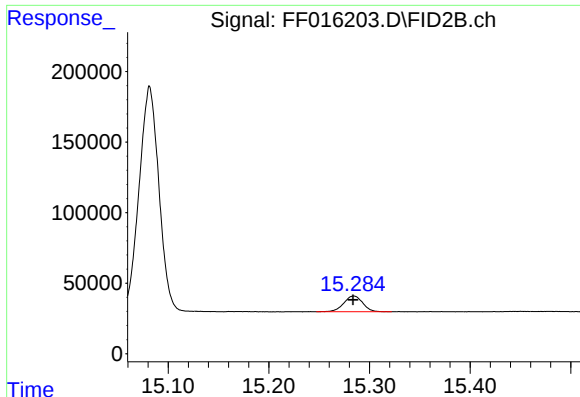
#8 N-DOCOSANE

R.T.: 14.178 min
Delta R.T.: -0.002 min
Response: 141582
Conc: 1.12 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.082 min
Delta R.T.: 0.002 min
Response: 2194192
Conc: 19.66 ug/ml



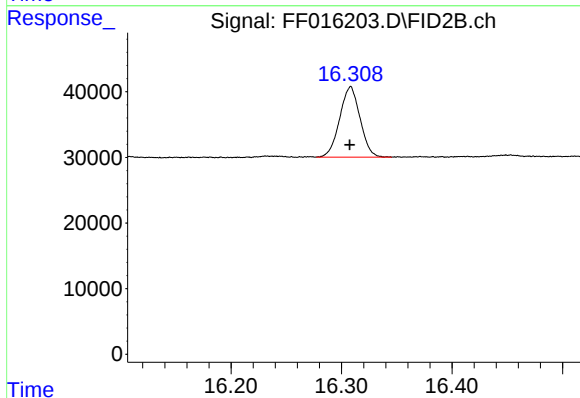
#10 N-TETRACOSANE

R.T.: 15.284 min
Delta R.T.: 0.000 min
Response: 146082
Conc: 1.15 ug/ml

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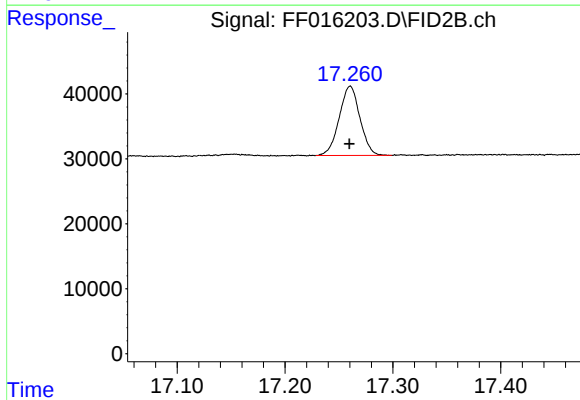
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#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: 0.000 min
Response: 137445
Conc: 1.11 ug/ml



#12 N-OCTACOSANE

R.T.: 17.260 min
Delta R.T.: 0.000 min
Response: 142582
Conc: 1.14 ug/ml