

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061125\
 Data File : FG016049.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 14:43
 Operator : YP\AJ
 Sample : Q2126-09
 Misc : 1 PPM WATER MDL
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-03-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 12 02:14:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.968	1808856	14.759 ug/ml
Target Compounds			
2) N-DECANE	4.475	77476	0.659 ug/mlm
3) N-DODECANE	6.662	91146	0.751 ug/mlm
4) N-TETRADECANE	8.510	105479	0.826 ug/mlm
5) N-HEXADECANE	10.112	94065	0.706 ug/mlm
6) N-OCTADECANE	11.557	105881	0.767 ug/mlm
7) N-EICOSANE	12.869	103974	0.736 ug/ml
8) N-DOCOSANE	14.068	107443	0.782 ug/ml
10) N-TETRACOSANE	15.174	111899	0.814 ug/ml
11) N-HEXACOSANE	16.200	104404	0.768 ug/ml
12) N-OCTACOSANE	17.151	111910	0.830 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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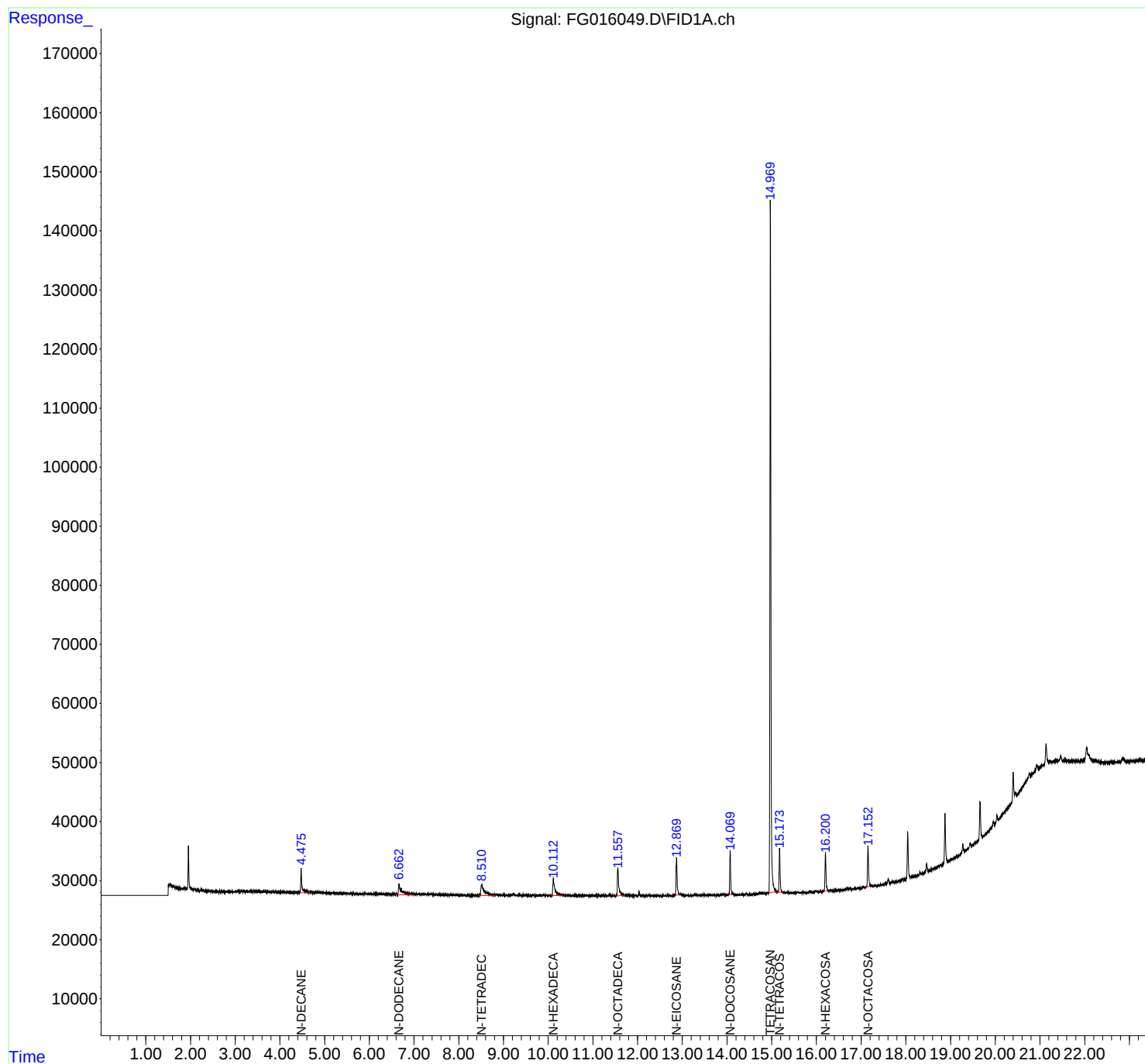
Instrument :
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MDL-WATER-03-QT2-2025

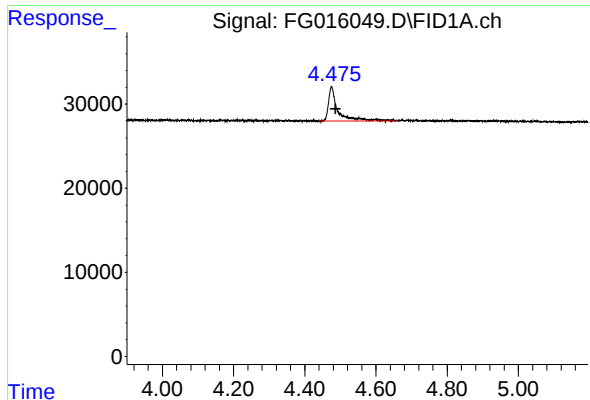
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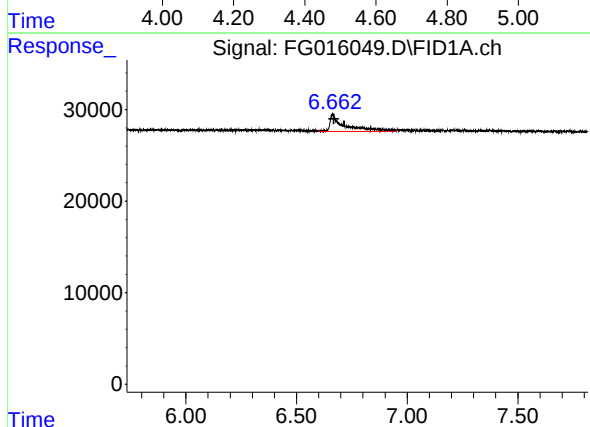
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.012 min
Response: 77476
Conc: 0.66 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-WATER-03-QT2-2025

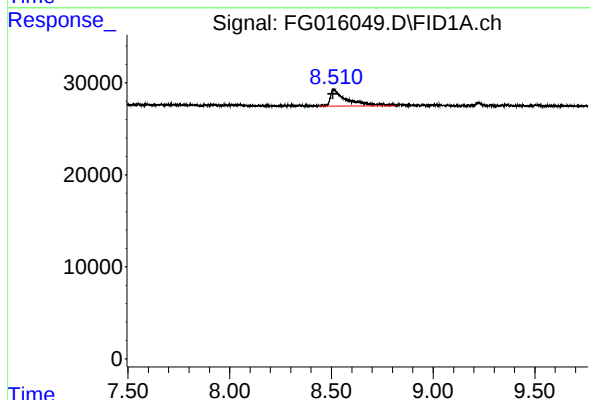
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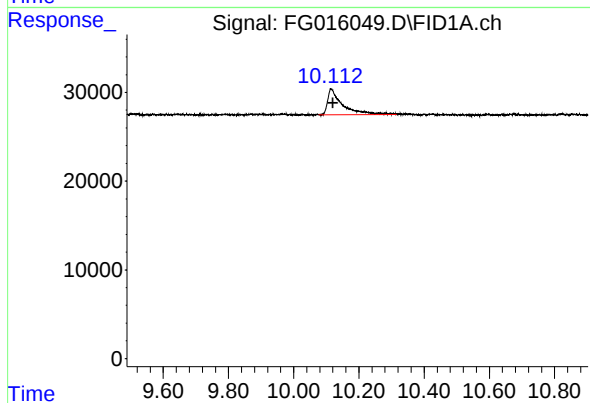
#3 N-DODECANE

R.T.: 6.662 min
Delta R.T.: -0.009 min
Response: 91146
Conc: 0.75 ug/ml m



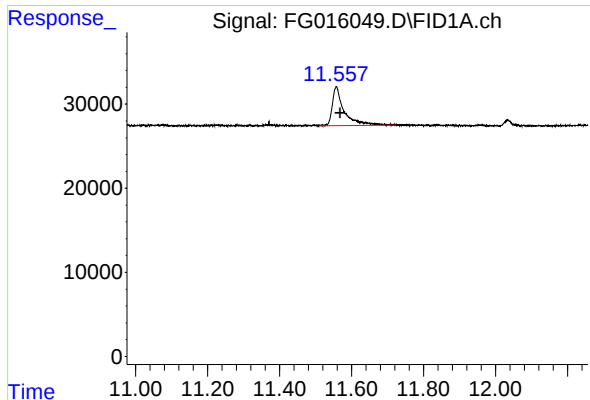
#4 N-TETRADECANE

R.T.: 8.510 min
Delta R.T.: 0.003 min
Response: 105479
Conc: 0.83 ug/ml m



#5 N-HEXADECANE

R.T.: 10.112 min
Delta R.T.: -0.008 min
Response: 94065
Conc: 0.71 ug/ml m



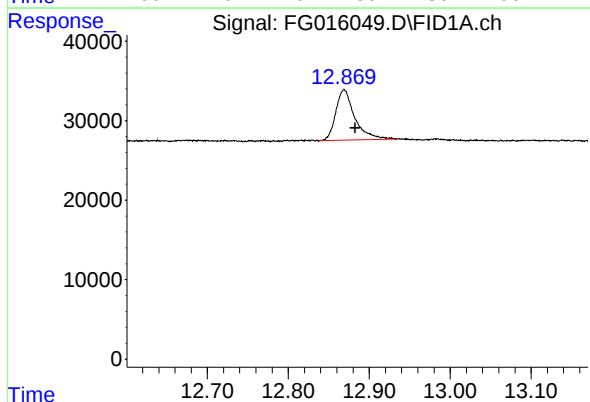
#6 N-OCTADECANE

R.T.: 11.557 min
Delta R.T.: -0.012 min
Response: 105881
Conc: 0.77 ug/ml

Instrument :
FID_G
ClientSampleId :
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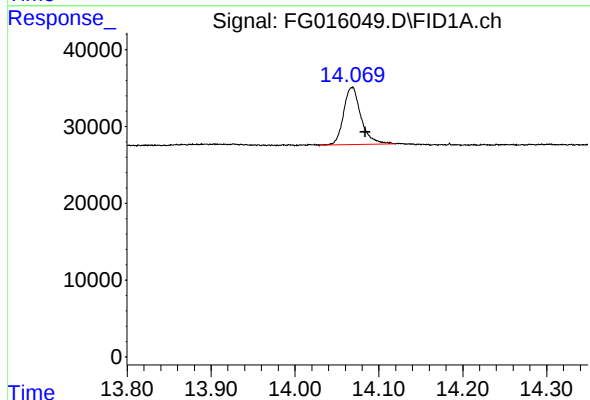
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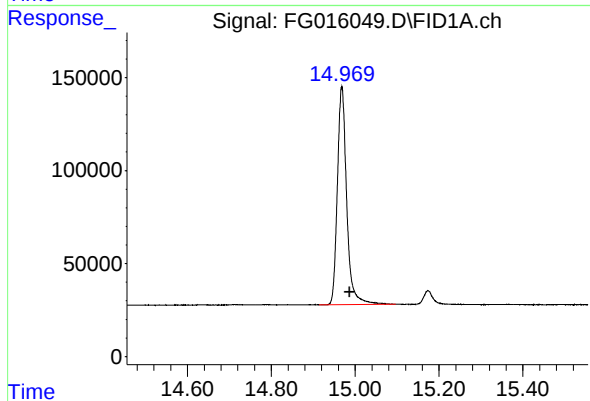
#7 N-EICOSANE

R.T.: 12.869 min
Delta R.T.: -0.014 min
Response: 103974
Conc: 0.74 ug/ml



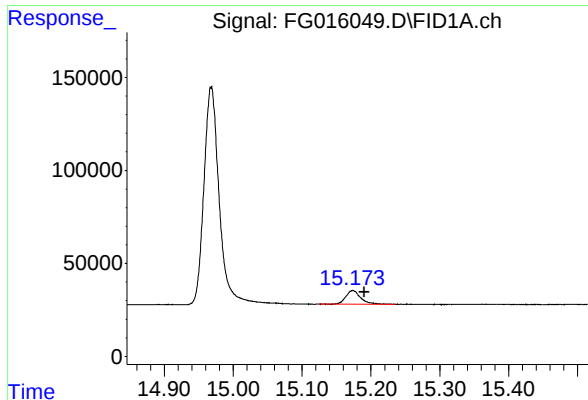
#8 N-DOCOSANE

R.T.: 14.068 min
Delta R.T.: -0.016 min
Response: 107443
Conc: 0.78 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.968 min
Delta R.T.: -0.018 min
Response: 1808856
Conc: 14.76 ug/ml



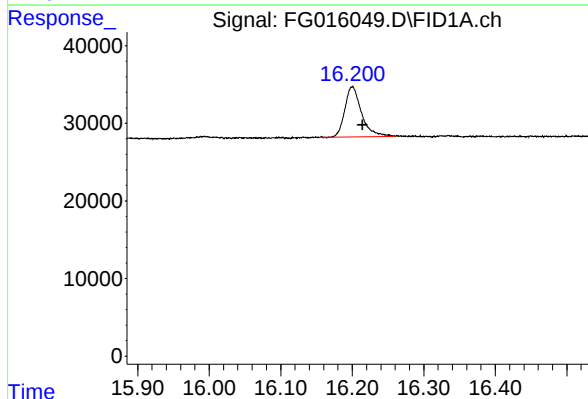
#10 N-TETRACOSANE

R.T.: 15.174 min
Delta R.T.: -0.017 min
Response: 111899
Conc: 0.81 ug/ml

Instrument : FID_G
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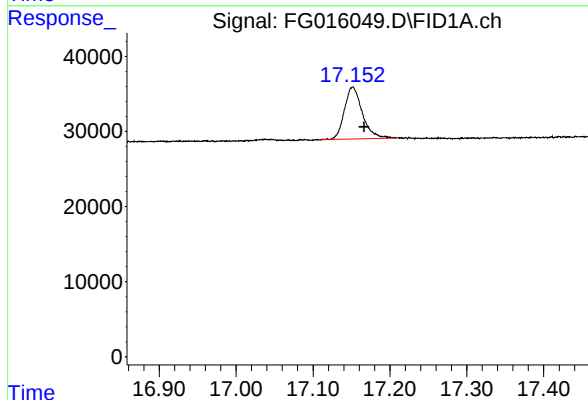
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#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.014 min
Response: 104404
Conc: 0.77 ug/ml



#12 N-OCTACOSANE

R.T.: 17.151 min
Delta R.T.: -0.015 min
Response: 111910
Conc: 0.83 ug/ml