

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016034.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 03:51
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 1 PPM SOIL LOD
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/11/2025
 Supervised By :mohammad ahmed 06/12/2025

Integration File: autoint1.e
 Quant Time: Jun 11 05:59:11 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...	14.971	2268017	18.505 ug/ml
Target Compounds			
2) N-DECANE	4.475	86281	0.734 ug/mlm
3) N-DODECANE	6.659	100717	0.830 ug/mlm
4) N-TETRADECANE	8.497	98867	0.774 ug/mlm
5) N-HEXADECANE	10.111	104615	0.785 ug/mlm
6) N-OCTADECANE	11.556	113289	0.821 ug/ml
7) N-EICOSANE	12.867	131302	0.929 ug/ml
8) N-DOCOSANE	14.068	142274	1.036 ug/ml
10) N-TETRACOSANE	15.174	157405	1.145 ug/mlm
11) N-HEXACOSANE	16.200	151158	1.113 ug/ml
12) N-OCTACOSANE	17.150	170989	1.268 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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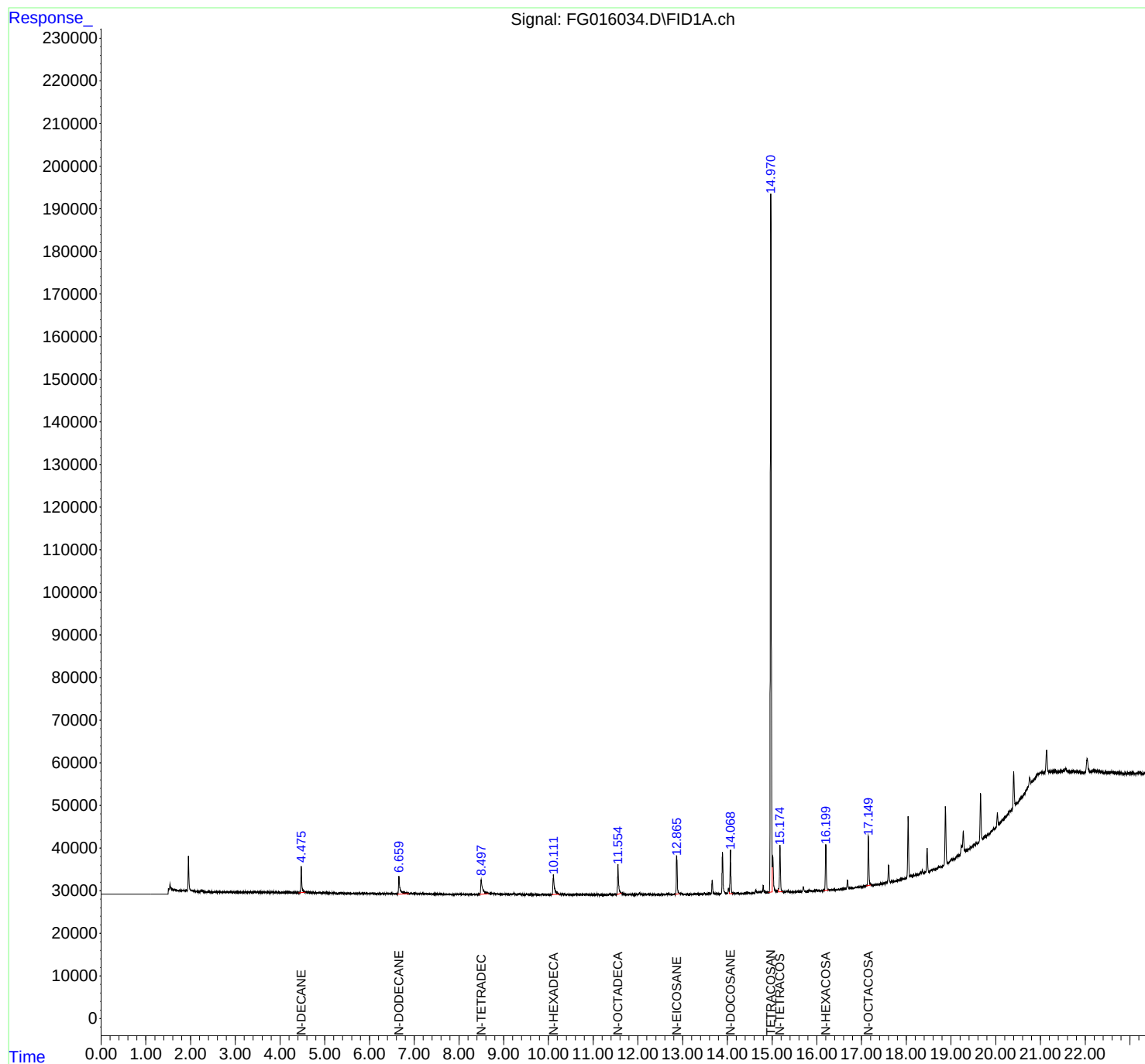
Instrument :
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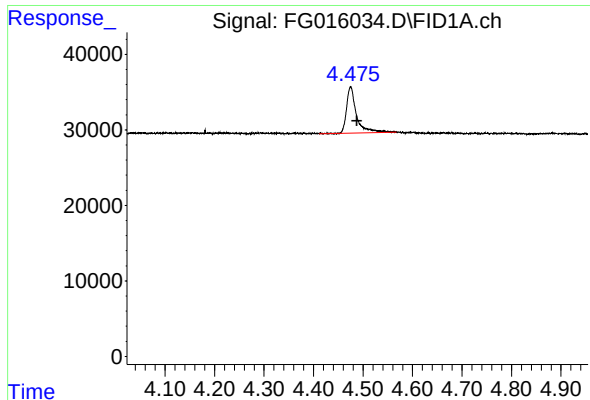
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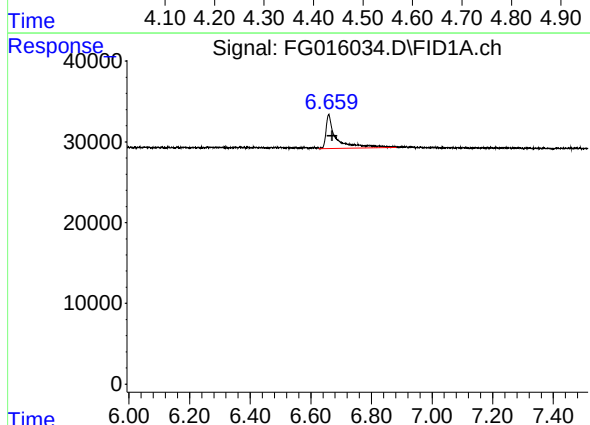
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.013 min
Response: 86281
Conc: 0.73 ug/ml

Instrument :
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ClientSampleId :
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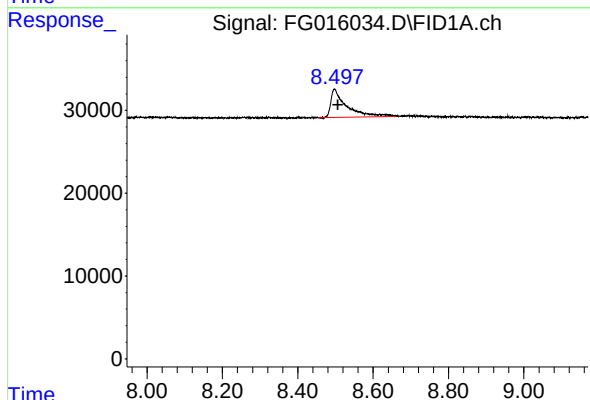
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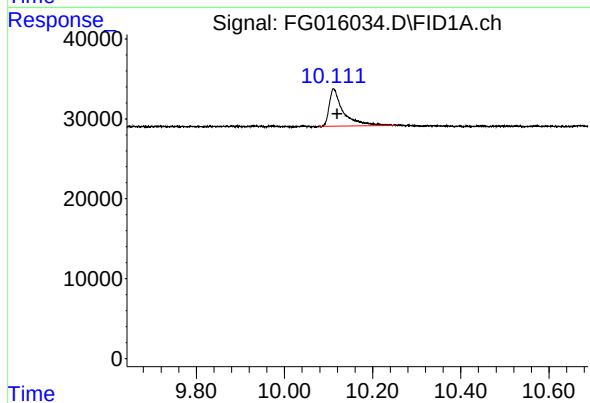
#3 N-DODECANE

R.T.: 6.659 min
Delta R.T.: -0.011 min
Response: 100717
Conc: 0.83 ug/ml m



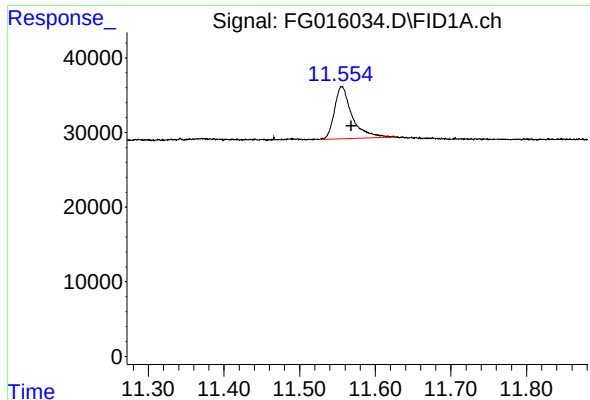
#4 N-TETRADECANE

R.T.: 8.497 min
Delta R.T.: -0.010 min
Response: 98867
Conc: 0.77 ug/ml m



#5 N-HEXADECANE

R.T.: 10.111 min
Delta R.T.: -0.009 min
Response: 104615
Conc: 0.79 ug/ml m



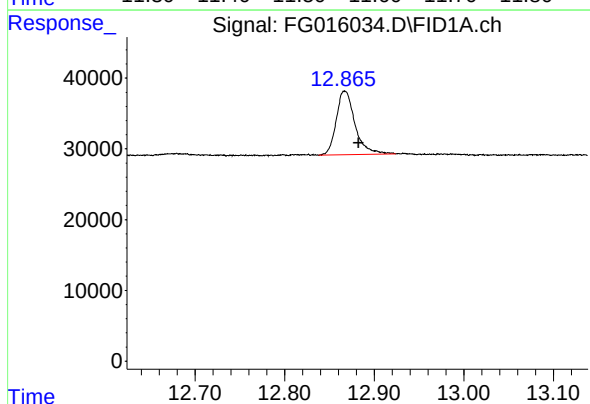
#6 N-OCTADECANE

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 113289
Conc: 0.82 ug/ml

Instrument :
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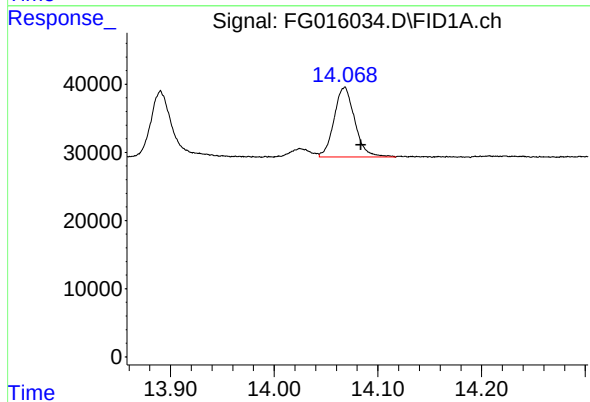
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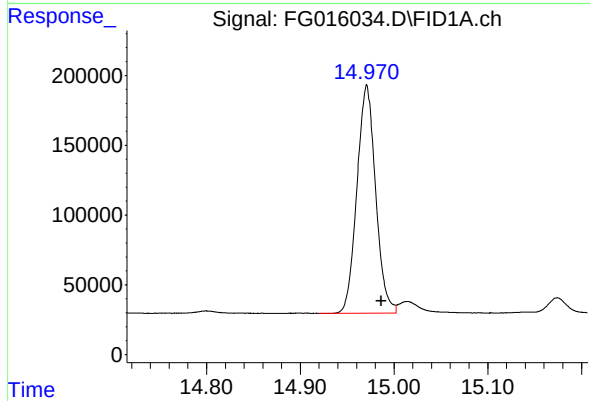
#7 N-EICOSANE

R.T.: 12.867 min
Delta R.T.: -0.016 min
Response: 131302
Conc: 0.93 ug/ml



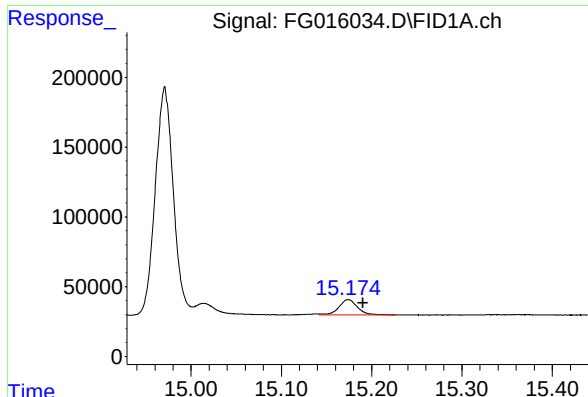
#8 N-DOCOSANE

R.T.: 14.068 min
Delta R.T.: -0.016 min
Response: 142274
Conc: 1.04 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.971 min
Delta R.T.: -0.015 min
Response: 2268017
Conc: 18.51 ug/ml



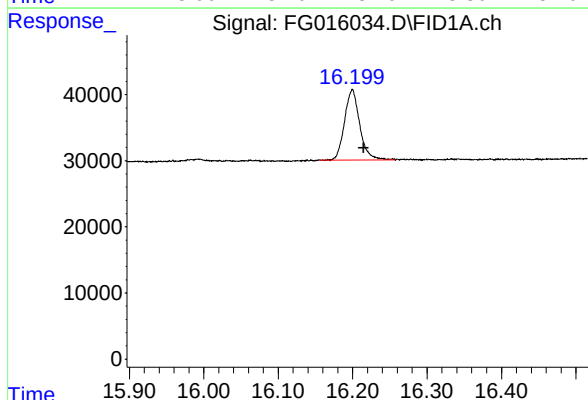
#10 N-TETRACOSANE

R.T.: 15.174 min
Delta R.T.: -0.016 min
Response: 157405
Conc: 1.15 ug/ml

Instrument :
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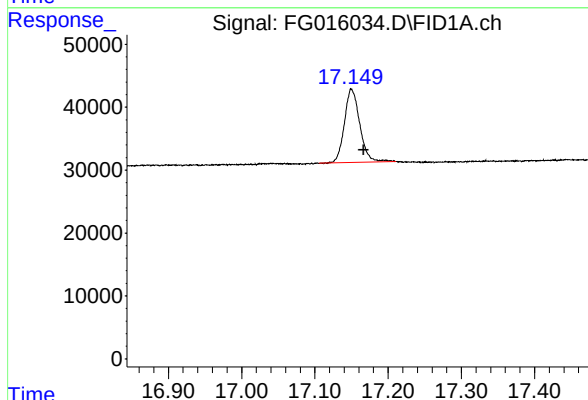
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#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.015 min
Response: 151158
Conc: 1.11 ug/ml



#12 N-OCTACOSANE

R.T.: 17.150 min
Delta R.T.: -0.016 min
Response: 170989
Conc: 1.27 ug/ml