

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112525\
 Data File : FG016997.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2025 15:44
 Operator : YP\AJ
 Sample : Q3530-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 03:13:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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...	15.139	1897011	17.634 ug/ml
Target Compounds			
2) N-DECANE	4.618	84594	0.732 ug/ml
3) N-DODECANE	6.807	35179	0.302 ug/ml
4) N-TETRADECANE	8.685	30984	0.271 ug/mlm
5) N-HEXADECANE	10.282	47959	0.418 ug/ml
6) N-OCTADECANE	11.725	80671	0.663 ug/ml
7) N-EICOSANE	13.037	101153	0.803 ug/ml
8) N-DOCOSANE	14.237	110634	0.899 ug/ml
10) N-TETRACOSANE	15.346	135847	1.111 ug/ml
11) N-HEXACOSANE	16.389	94119	0.797 ug/ml
12) N-OCTACOSANE	17.345	96760	0.818 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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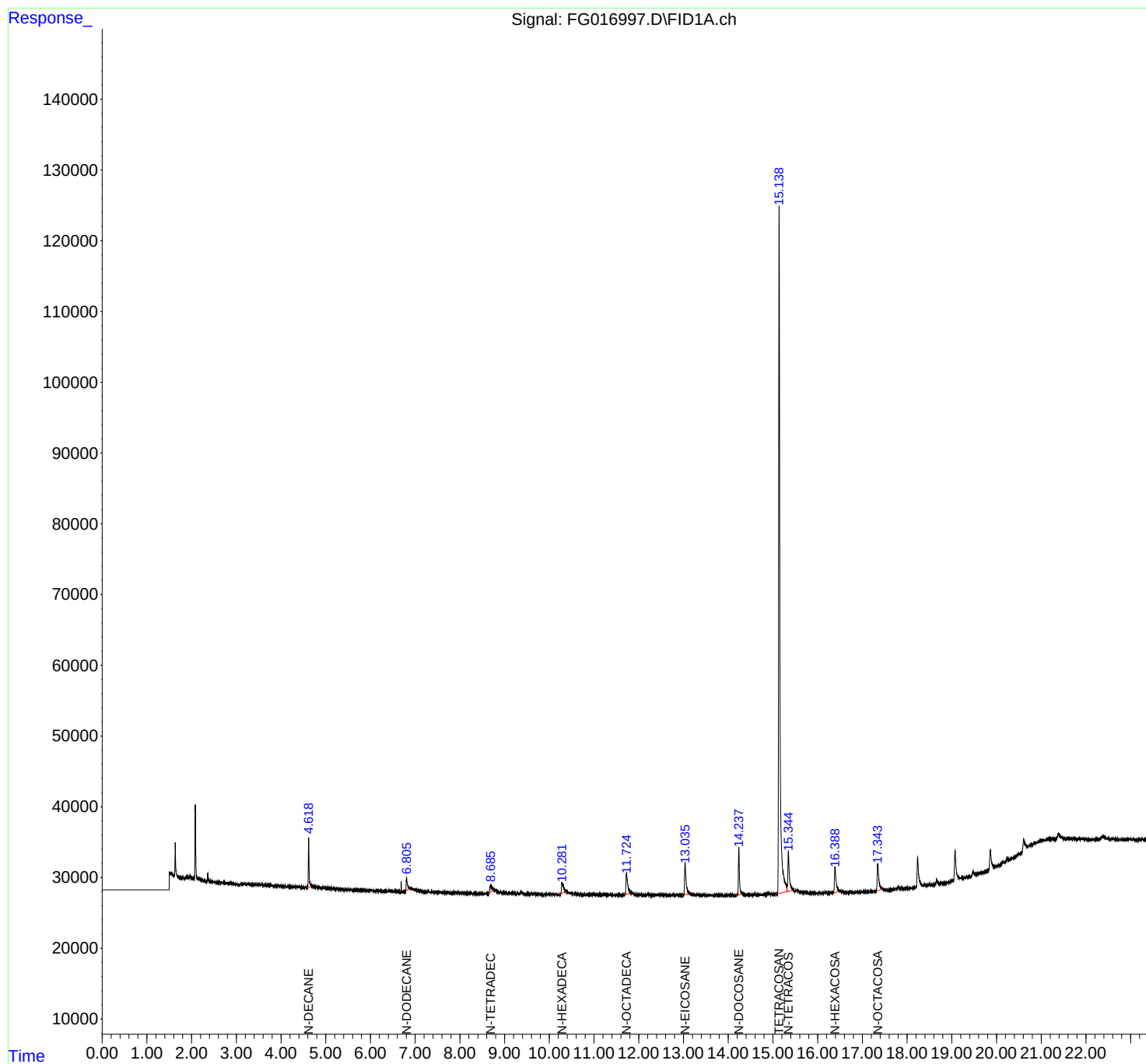
Instrument :
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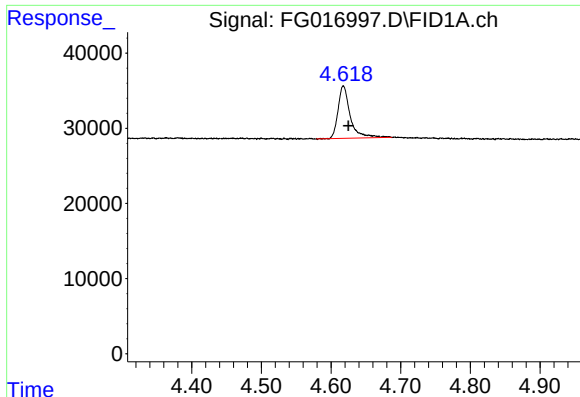
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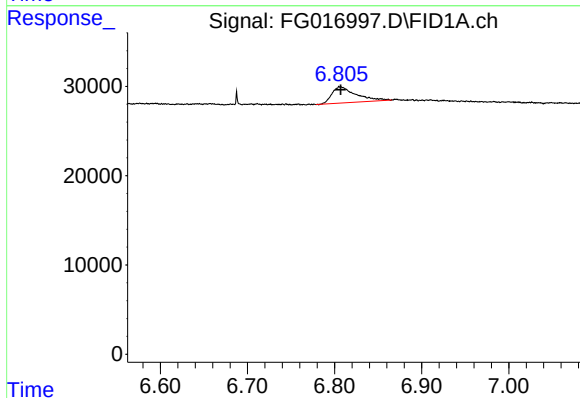
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 84594
Conc: 0.73 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

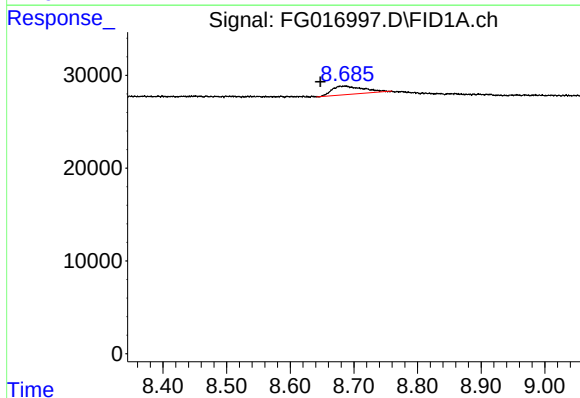
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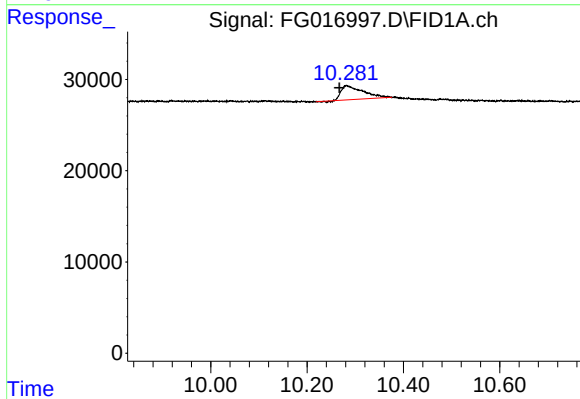
#3 N-DODECANE

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 35179
Conc: 0.30 ug/ml



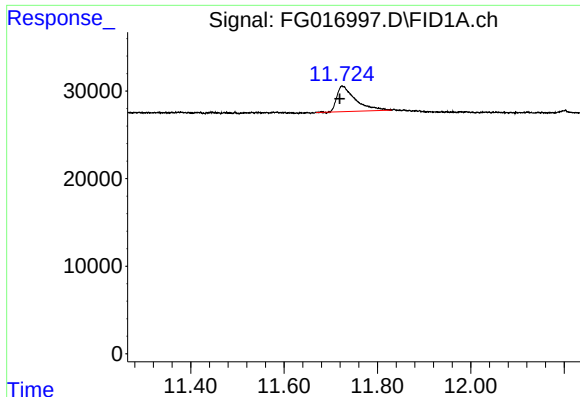
#4 N-TETRADECANE

R.T.: 8.685 min
Delta R.T.: 0.038 min
Response: 30984
Conc: 0.27 ug/ml m



#5 N-HEXADECANE

R.T.: 10.282 min
Delta R.T.: 0.015 min
Response: 47959
Conc: 0.42 ug/ml



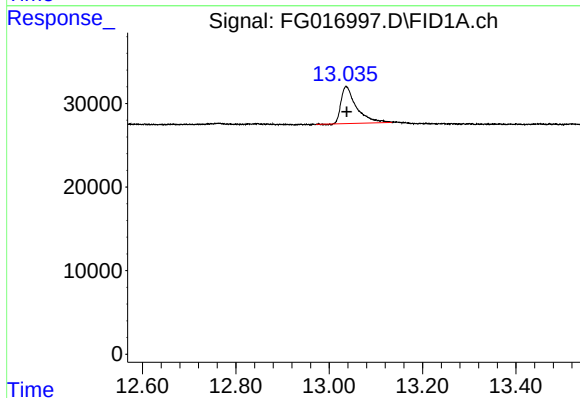
#6 N-OCTADECANE

R.T.: 11.725 min
Delta R.T.: 0.006 min
Response: 80671
Conc: 0.66 ug/ml

Instrument :
FID_G
ClientSampleId :
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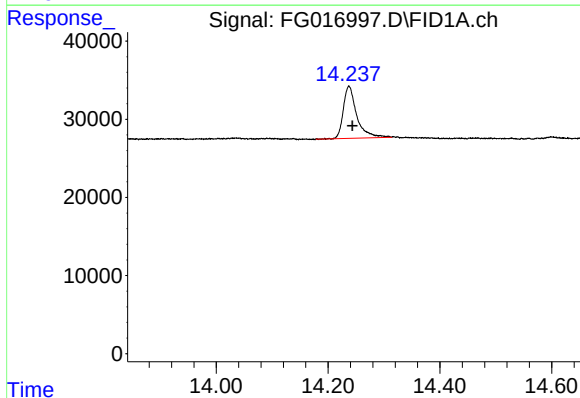
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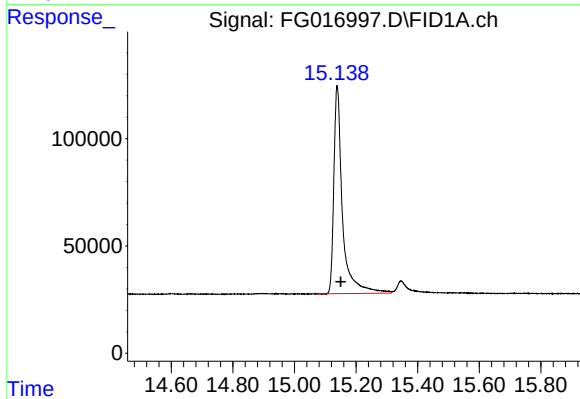
#7 N-EICOSANE

R.T.: 13.037 min
Delta R.T.: -0.001 min
Response: 101153
Conc: 0.80 ug/ml



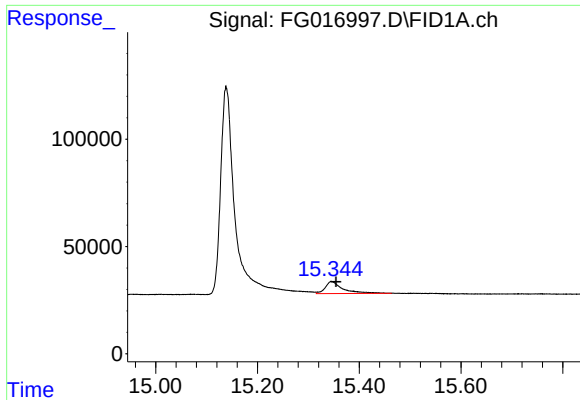
#8 N-DOCOSANE

R.T.: 14.237 min
Delta R.T.: -0.006 min
Response: 110634
Conc: 0.90 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.139 min
Delta R.T.: -0.011 min
Response: 1897011
Conc: 17.63 ug/ml



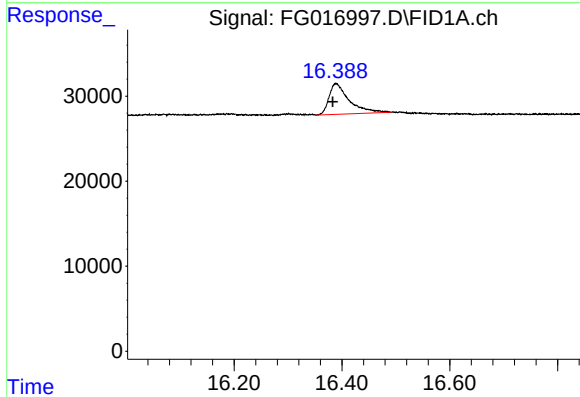
#10 N-TETRACOSANE

R.T.: 15.346 min
Delta R.T.: -0.008 min
Response: 135847
Conc: 1.11 ug/ml

Instrument : FID_G
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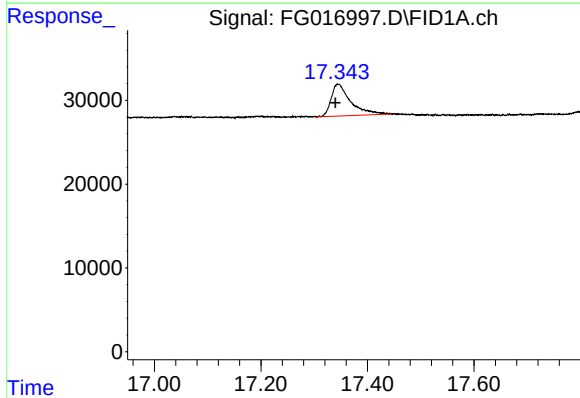
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#11 N-HEXACOSANE

R.T.: 16.389 min
Delta R.T.: 0.006 min
Response: 94119
Conc: 0.80 ug/ml



#12 N-OCTACOSANE

R.T.: 17.345 min
Delta R.T.: 0.005 min
Response: 96760
Conc: 0.82 ug/ml