

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
 Data File : FF016200.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2025 14:08
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-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 04:47:13 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...	15.081	2568926	23.015 ug/ml
Target Compounds			
2) N-DECANE	4.599	348775	2.996 ug/ml
3) N-DODECANE	6.776	350517	2.967 ug/ml
4) N-TETRADECANE	8.609	363760	3.009 ug/ml
5) N-HEXADECANE	10.219	365561	3.008 ug/ml
6) N-OCTADECANE	11.665	383230	3.062 ug/ml
7) N-EICOSANE	12.978	397223	3.070 ug/ml
8) N-DOCOSANE	14.178	387328	3.064 ug/ml
10) N-TETRACOSANE	15.284	390875	3.084 ug/ml
11) N-HEXACOSANE	16.306	373408	3.016 ug/mlm
12) N-OCTACOSANE	17.261	377645	3.017 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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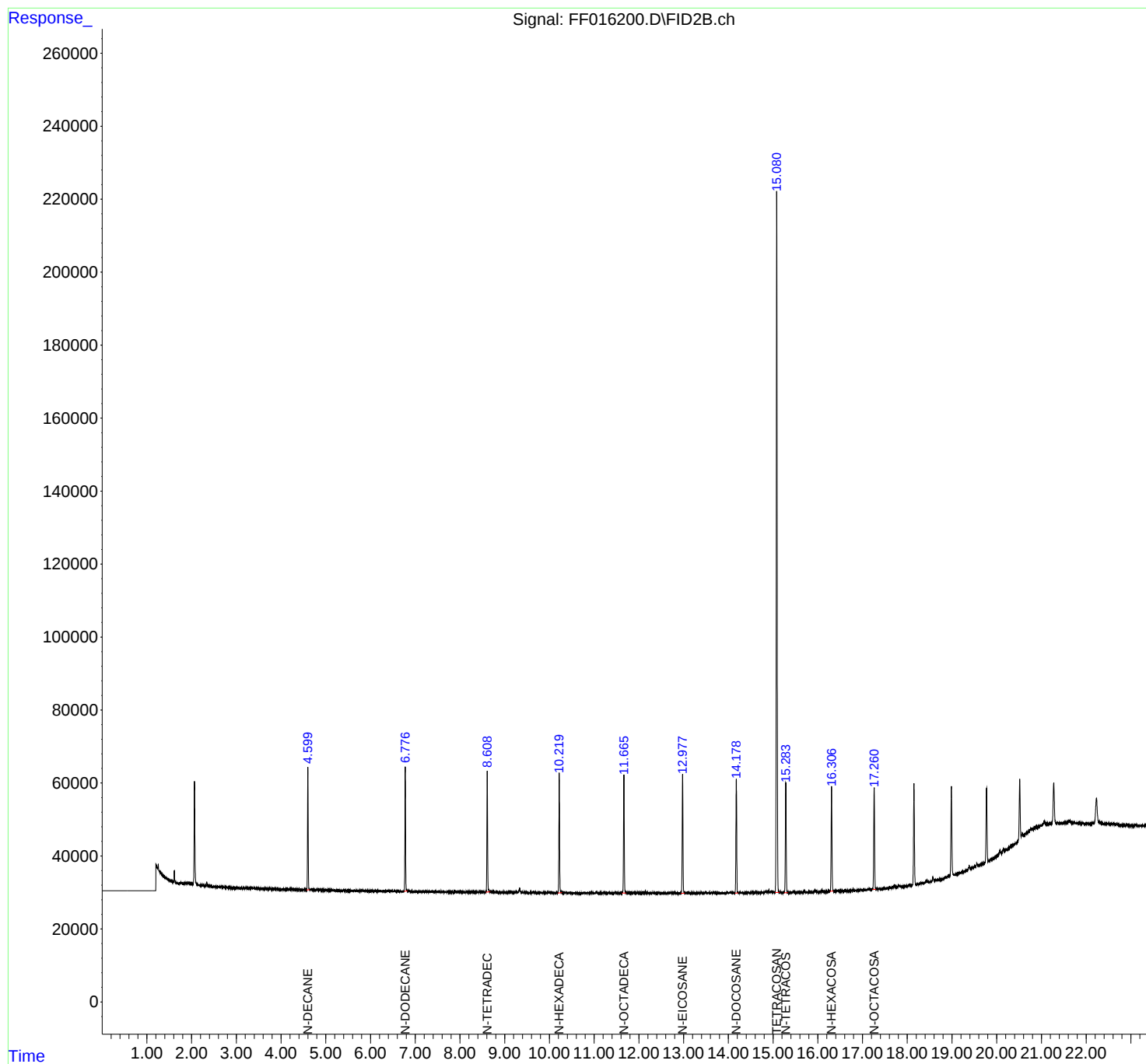
Instrument :
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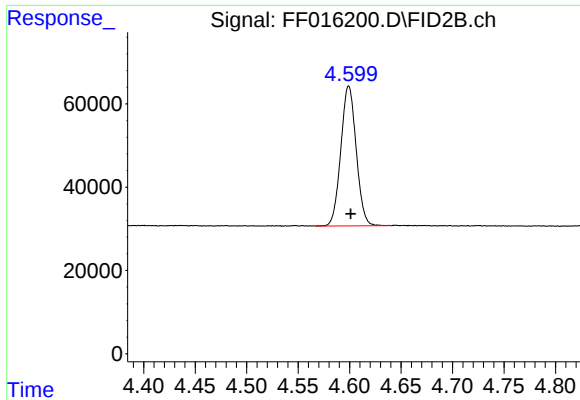
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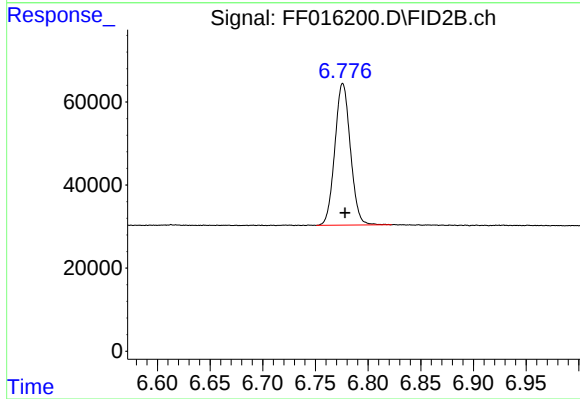
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 348775
Conc: 3.00 ug/ml

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

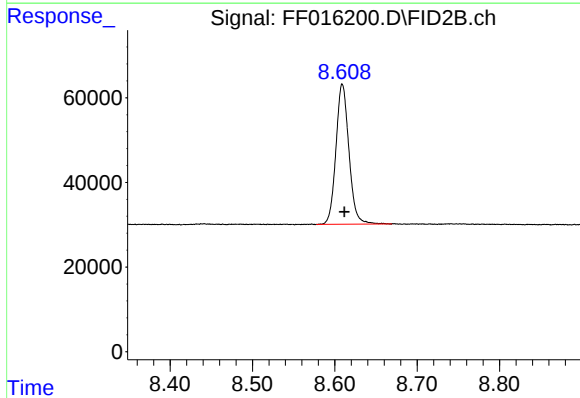
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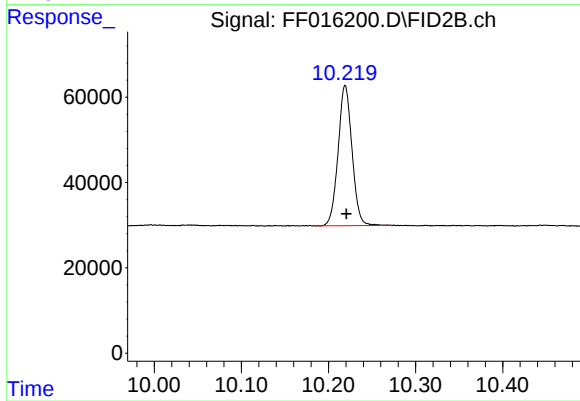
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 350517
Conc: 2.97 ug/ml



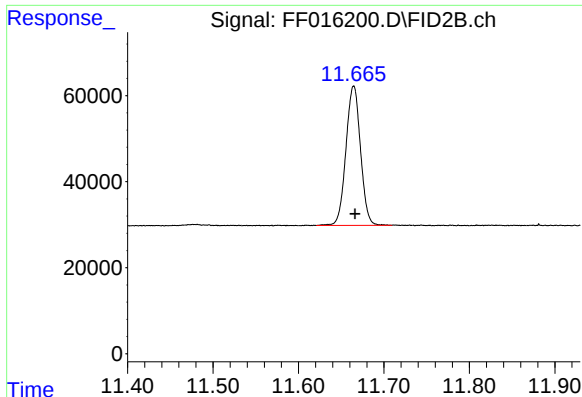
#4 N-TETRADECANE

R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 363760
Conc: 3.01 ug/ml



#5 N-HEXADECANE

R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 365561
Conc: 3.01 ug/ml



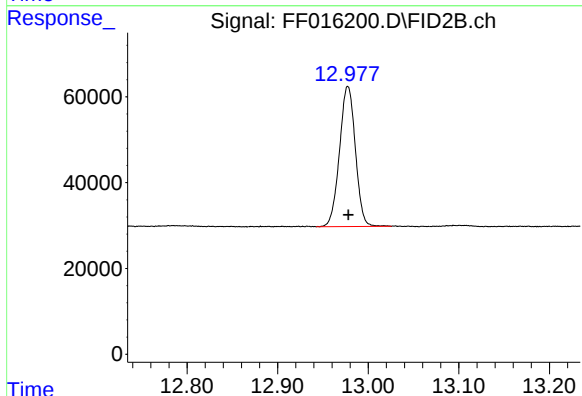
#6 N-OCTADECANE

R.T.: 11.665 min
Delta R.T.: -0.001 min
Response: 383230
Conc: 3.06 ug/ml

Instrument :
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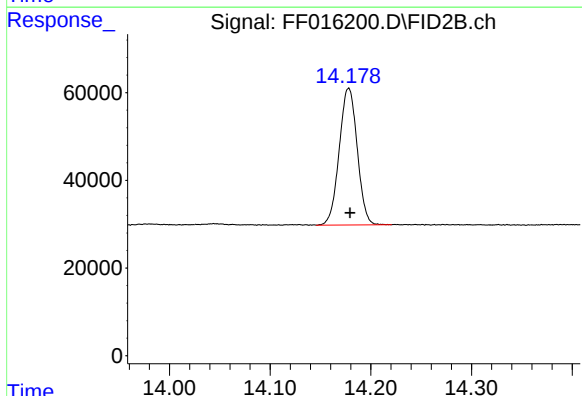
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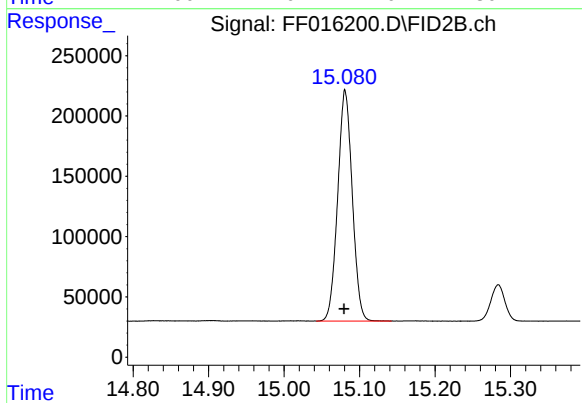
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: 0.000 min
Response: 397223
Conc: 3.07 ug/ml



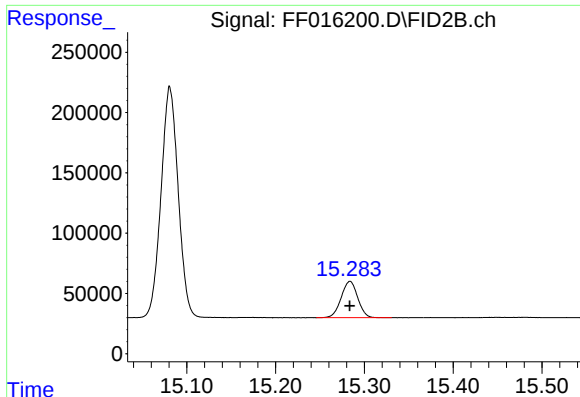
#8 N-DOCOSANE

R.T.: 14.178 min
Delta R.T.: -0.001 min
Response: 387328
Conc: 3.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.081 min
Delta R.T.: 0.001 min
Response: 2568926
Conc: 23.01 ug/ml



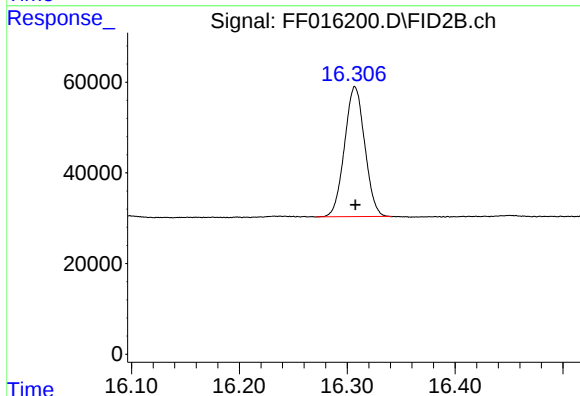
#10 N-TETRACOSANE

R.T.: 15.284 min
Delta R.T.: 0.000 min
Response: 390875
Conc: 3.08 ug/ml

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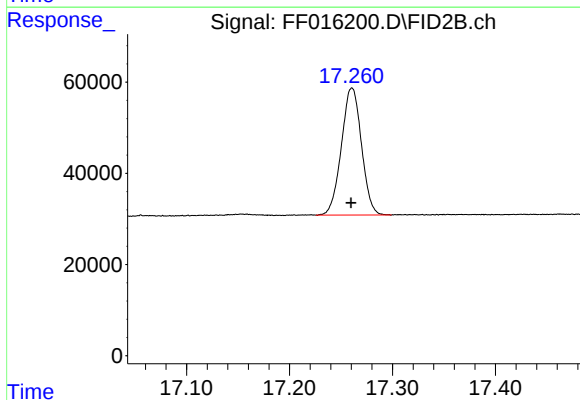
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#11 N-HEXACOSANE

R.T.: 16.306 min
Delta R.T.: -0.001 min
Response: 373408
Conc: 3.02 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.261 min
Delta R.T.: 0.000 min
Response: 377645
Conc: 3.02 ug/ml