

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082725\
 Data File : FF016246.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 16:08
 Operator : YP\AJ
 Sample : Q2893-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File: autoint1.e
 Quant Time: Aug 28 02:35:16 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...	15.076	2227387	19.955 ug/ml
Target Compounds			
2) N-DECANE	4.596	97228	0.835 ug/ml
3) N-DODECANE	6.773	95018	0.804 ug/ml
4) N-TETRADECANE	8.607	101579	0.840 ug/ml
5) N-HEXADECANE	10.218	106445	0.876 ug/ml
6) N-OCTADECANE	11.662	116634	0.932 ug/ml
7) N-EICOSANE	12.974	116585	0.901 ug/ml
8) N-DOCOSANE	14.173	118191	0.935 ug/ml
10) N-TETRACOSANE	15.279	122052	0.963 ug/ml
11) N-HEXACOSANE	16.304	115772	0.935 ug/mlm
12) N-OCTACOSANE	17.256	115545	0.923 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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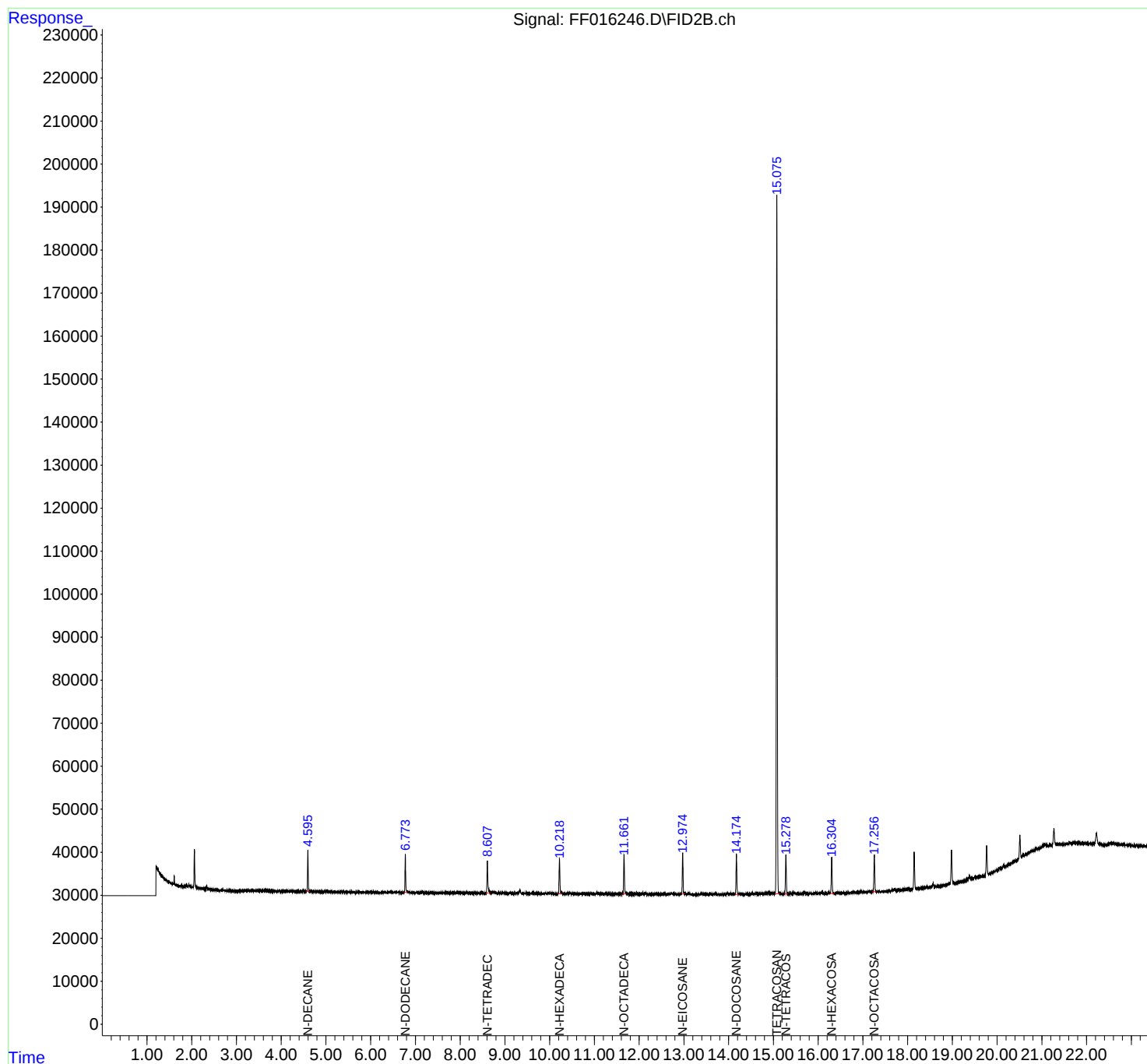
Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT3-2025

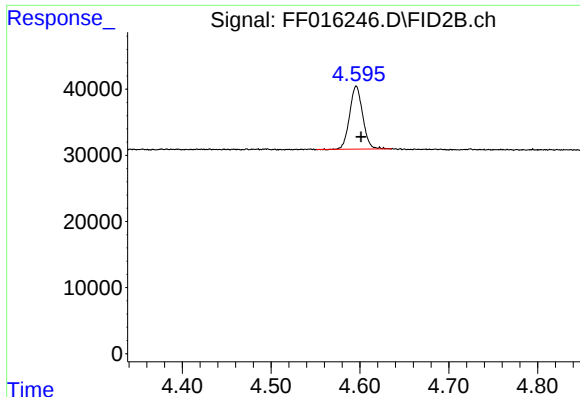
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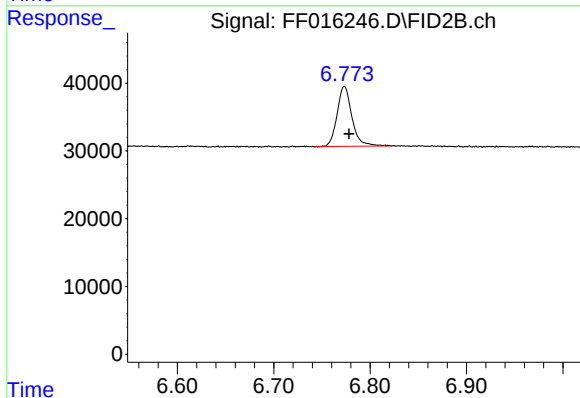
#2 N-DECANE

R.T.: 4.596 min
Delta R.T.: -0.005 min
Response: 97228
Conc: 0.84 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-03-QT3-2025

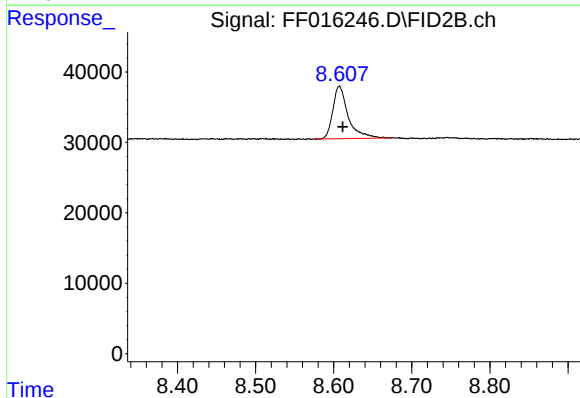
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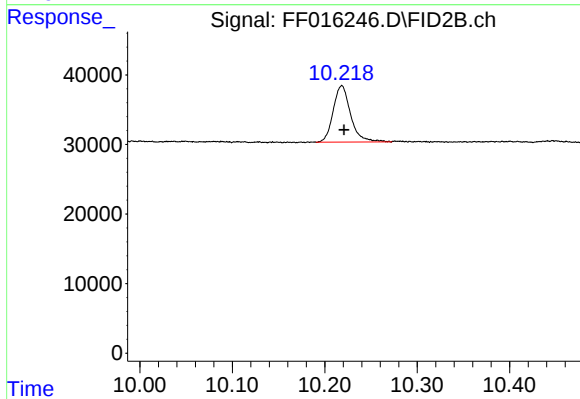
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 95018
Conc: 0.80 ug/ml



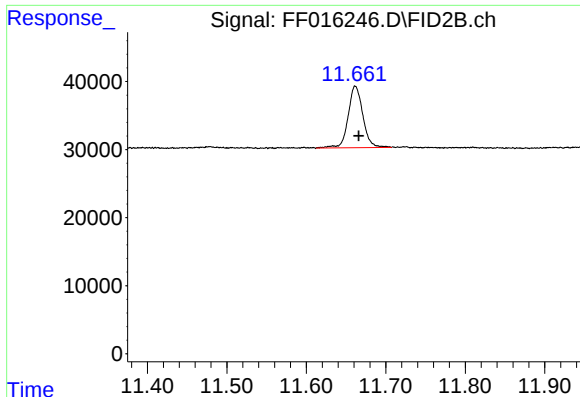
#4 N-TETRADECANE

R.T.: 8.607 min
Delta R.T.: -0.004 min
Response: 101579
Conc: 0.84 ug/ml



#5 N-HEXADECANE

R.T.: 10.218 min
Delta R.T.: -0.002 min
Response: 106445
Conc: 0.88 ug/ml



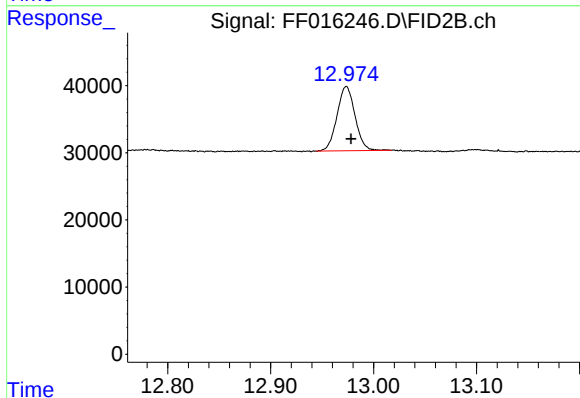
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.004 min
Response: 116634
Conc: 0.93 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-03-QT3-2025

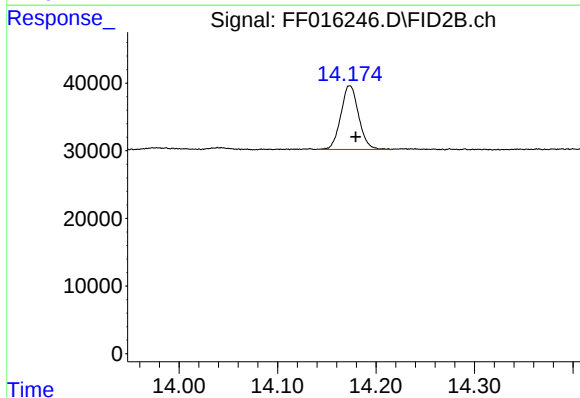
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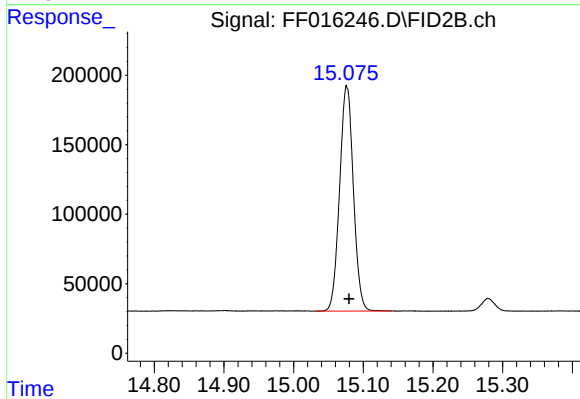
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.005 min
Response: 116585
Conc: 0.90 ug/ml



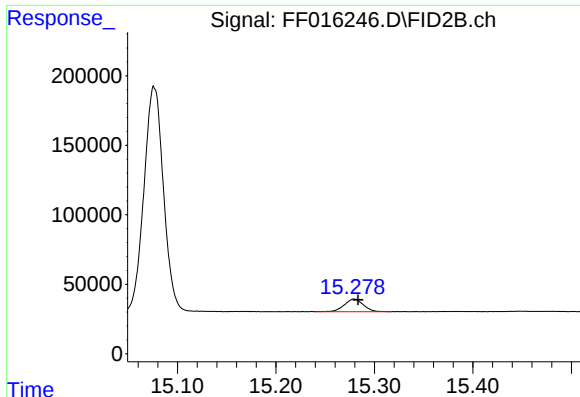
#8 N-DOCOSANE

R.T.: 14.173 min
Delta R.T.: -0.006 min
Response: 118191
Conc: 0.93 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.076 min
Delta R.T.: -0.003 min
Response: 2227387
Conc: 19.95 ug/ml



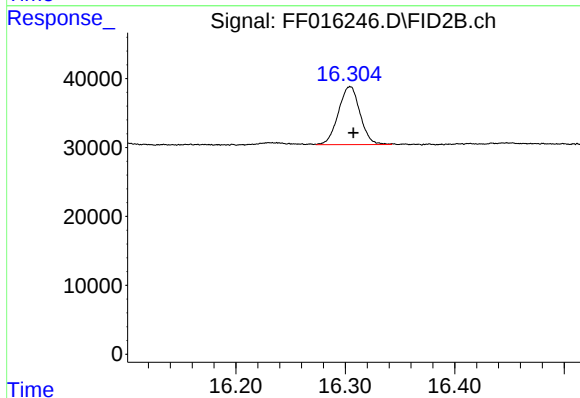
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: -0.004 min
Response: 122052
Conc: 0.96 ug/ml

Instrument :
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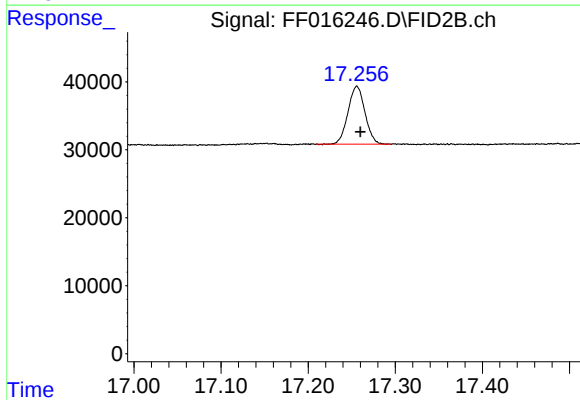
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#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.004 min
Response: 115772
Conc: 0.94 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.256 min
Delta R.T.: -0.004 min
Response: 115545
Conc: 0.92 ug/ml