

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
 Data File : FF016199.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2025 13:38
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 1 PPM SOIL LOD
 ALS Vial : 62 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 04:46:20 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...	15.080	2092210	18.744 ug/ml
Target Compounds			
2) N-DECANE	4.597	116496	1.001 ug/ml
3) N-DODECANE	6.774	115460	0.977 ug/ml
4) N-TETRADECANE	8.608	119634	0.989 ug/ml
5) N-HEXADECANE	10.219	125081	1.029 ug/ml
6) N-OCTADECANE	11.663	129851	1.037 ug/ml
7) N-EICOSANE	12.976	139017	1.074 ug/ml
8) N-DOCOSANE	14.177	135755	1.074 ug/ml
10) N-TETRACOSANE	15.282	138906	1.096 ug/ml
11) N-HEXACOSANE	16.306	131989	1.066 ug/ml
12) N-OCTACOSANE	17.258	132990	1.063 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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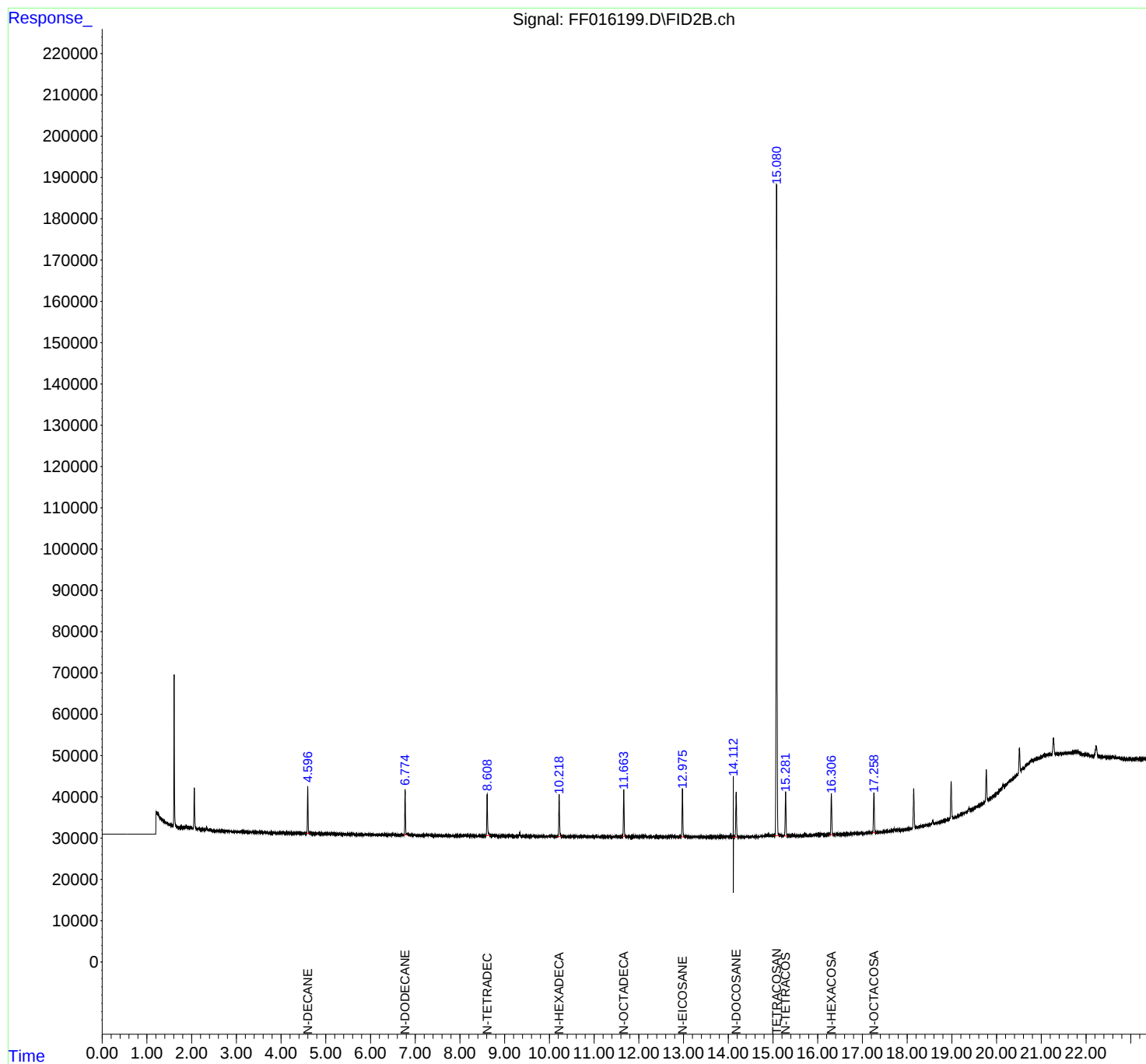
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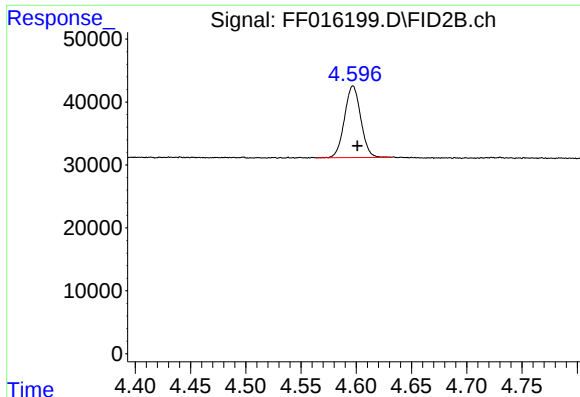
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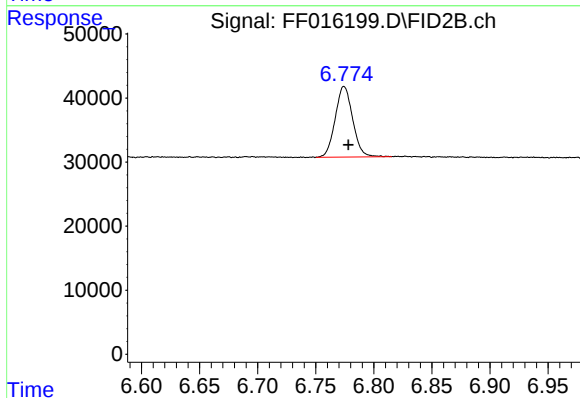
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 116496
Conc: 1.00 ug/ml

Instrument :
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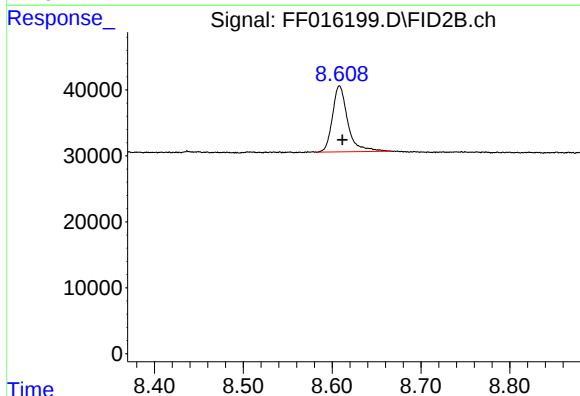
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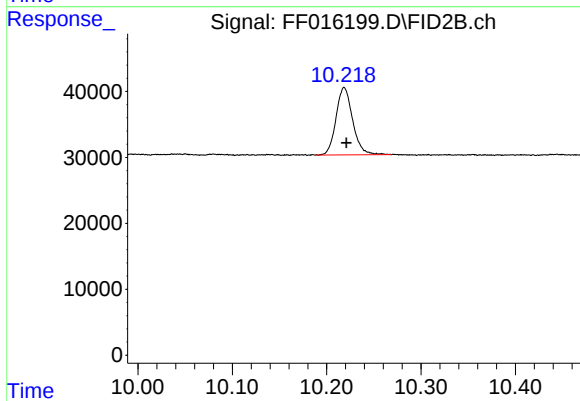
#3 N-DODECANE

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 115460
Conc: 0.98 ug/ml



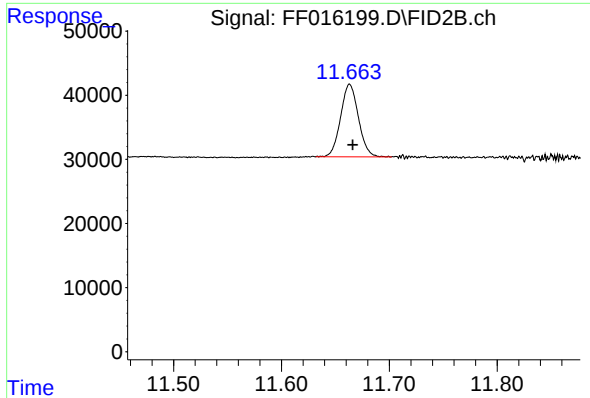
#4 N-TETRADECANE

R.T.: 8.608 min
Delta R.T.: -0.003 min
Response: 119634
Conc: 0.99 ug/ml



#5 N-HEXADECANE

R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 125081
Conc: 1.03 ug/ml



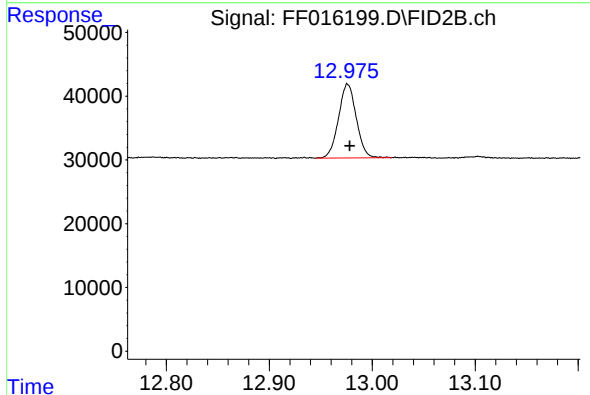
#6 N-OCTADECANE

R.T.: 11.663 min
Delta R.T.: -0.003 min
Response: 129851
Conc: 1.04 ug/ml

Instrument : FID_F
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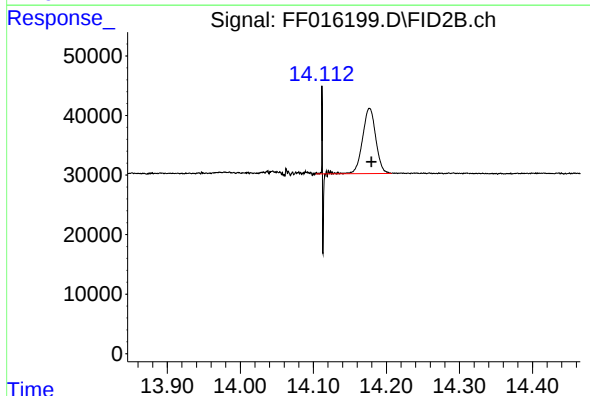
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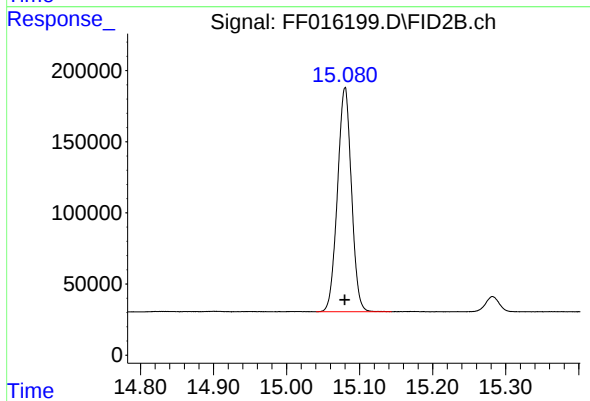
#7 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.002 min
Response: 139017
Conc: 1.07 ug/ml



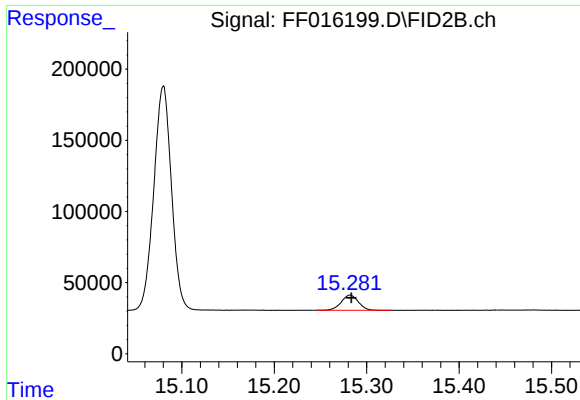
#8 N-DOCOSANE

R.T.: 14.177 min
Delta R.T.: -0.002 min
Response: 135755
Conc: 1.07 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.080 min
Delta R.T.: 0.000 min
Response: 2092210
Conc: 18.74 ug/ml



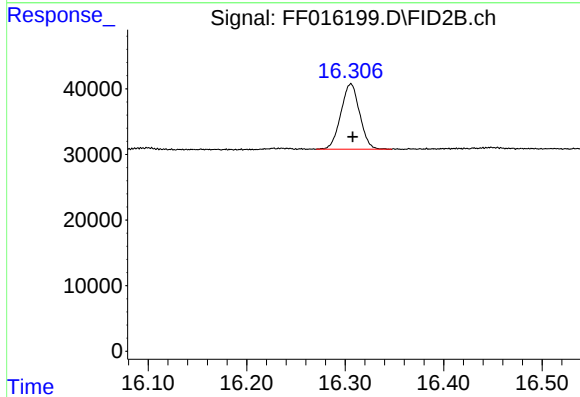
#10 N-TETRACOSANE

R.T.: 15.282 min
Delta R.T.: -0.001 min
Response: 138906
Conc: 1.10 ug/ml

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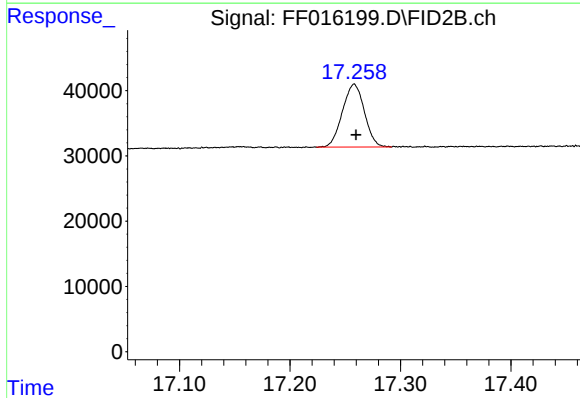
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#11 N-HEXACOSANE

R.T.: 16.306 min
Delta R.T.: -0.002 min
Response: 131989
Conc: 1.07 ug/ml



#12 N-OCTACOSANE

R.T.: 17.258 min
Delta R.T.: -0.002 min
Response: 132990
Conc: 1.06 ug/ml