

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015937.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 01:24
 Operator : YP\AJ
 Sample : Q2126-02
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 11 04:48:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
 Quant Title :
 QLast Update : Wed May 21 12:32:51 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...	15.024	2100572	17.199 ug/ml
Target Compounds			
2) N-DECANE	4.644f	451559	3.809 ug/mlm
3) N-DODECANE	6.849f	522805	4.155 ug/mlm
4) N-TETRADECANE	8.666f	473395	3.773 ug/mlm
5) N-HEXADECANE	10.224	517946	3.949 ug/mlm
6) N-OCTADECANE	11.642	550407	4.006 ug/mlm
7) N-EICOSANE	12.941	532092	3.740 ug/ml
8) N-DOCOSANE	14.131	551371	3.969 ug/ml
10) N-TETRACOSANE	15.235	578448	4.150 ug/ml
11) N-HEXACOSANE	16.256	558437	4.026 ug/ml
12) N-OCTACOSANE	17.203	564109	4.103 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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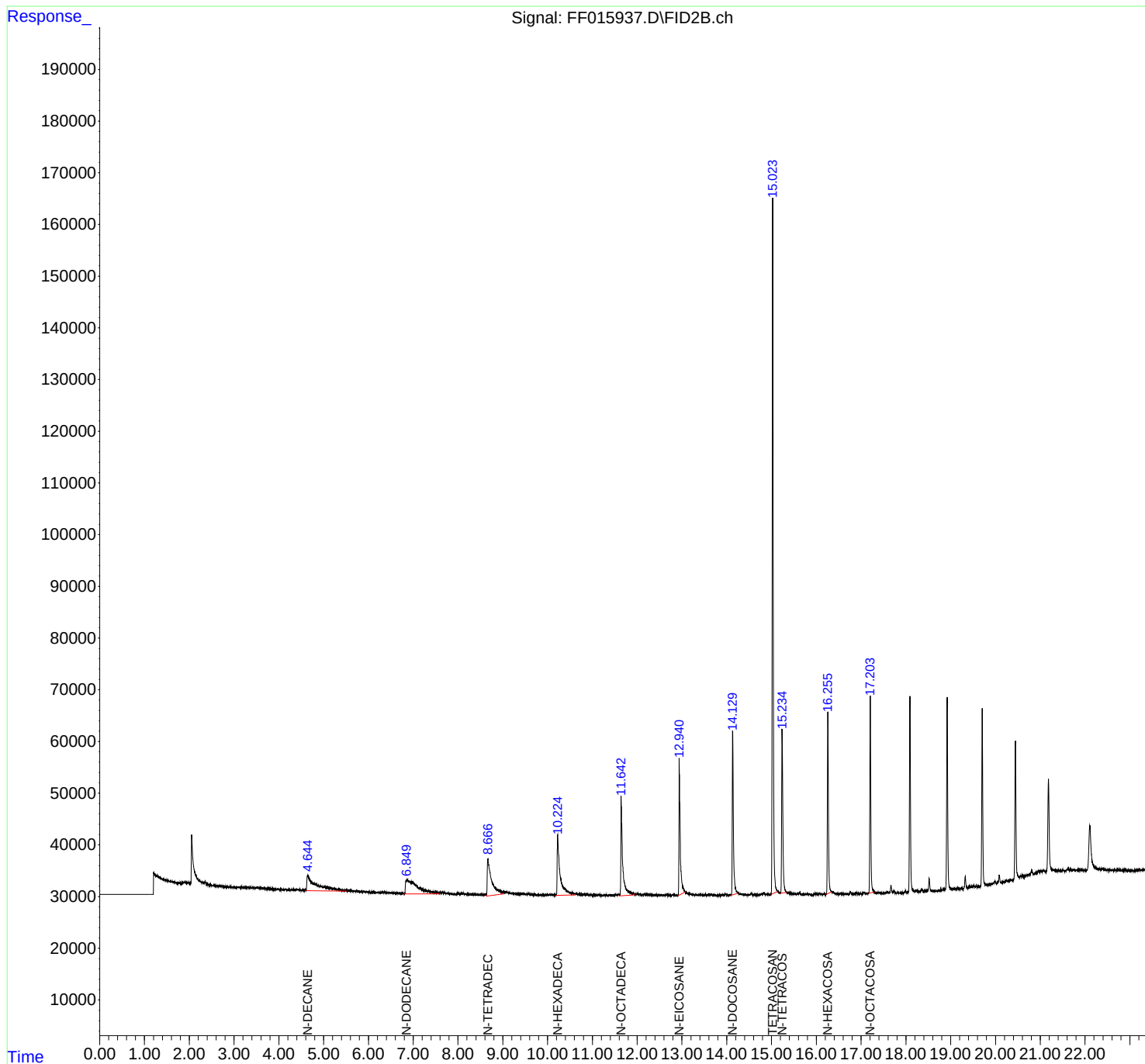
Instrument :
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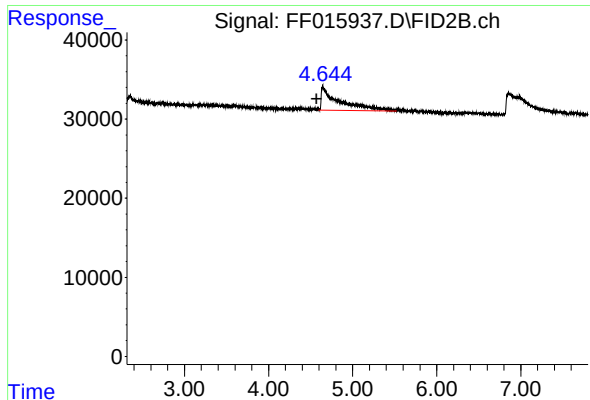
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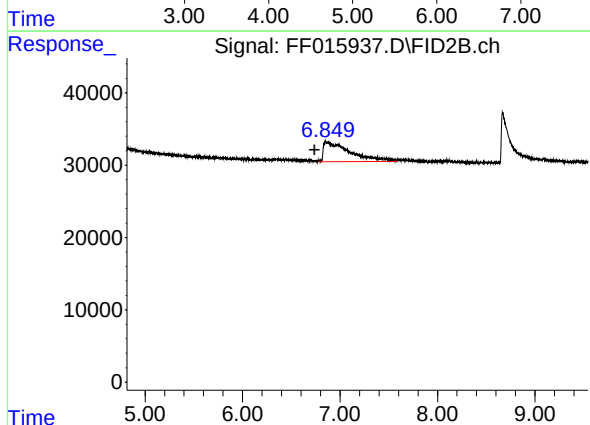
#2 N-DECANE

R.T.: 4.644 min
Delta R.T.: 0.073 min
Response: 451559
Conc: 3.81 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

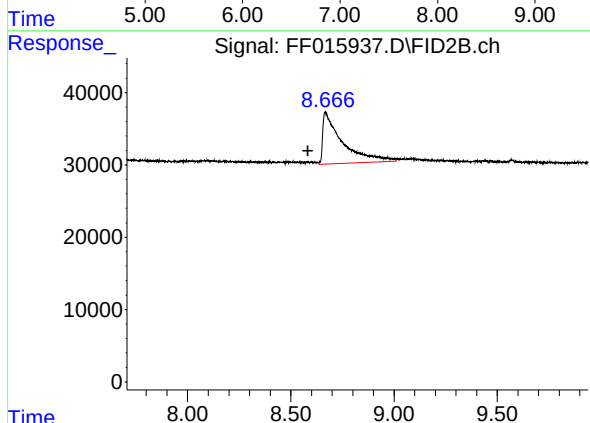
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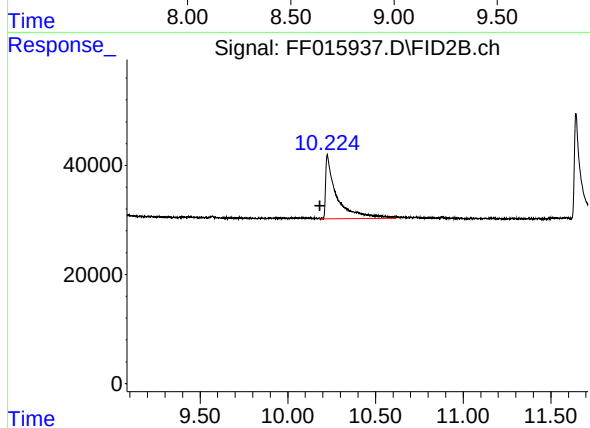
#3 N-DODECANE

R.T.: 6.849 min
Delta R.T.: 0.108 min
Response: 522805
Conc: 4.16 ug/ml m



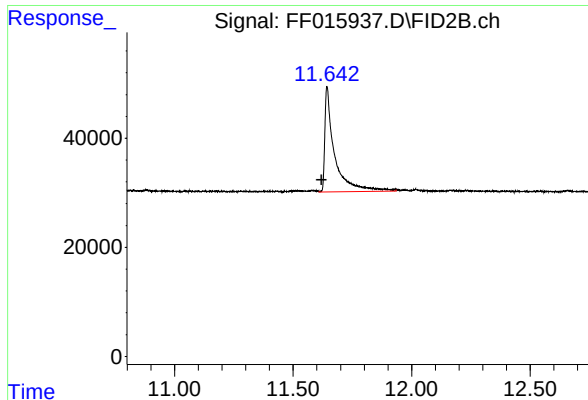
#4 N-TETRADECANE

R.T.: 8.666 min
Delta R.T.: 0.083 min
Response: 473395
Conc: 3.77 ug/ml m



#5 N-HEXADECANE

R.T.: 10.224 min
Delta R.T.: 0.041 min
Response: 517946
Conc: 3.95 ug/ml m



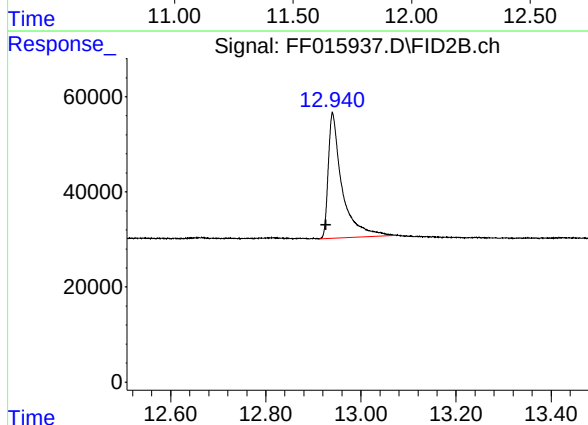
#6 N-OCTADECANE

R.T.: 11.642 min
Delta R.T.: 0.021 min
Response: 550407
Conc: 4.01 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-SOIL-02-QT2-2025

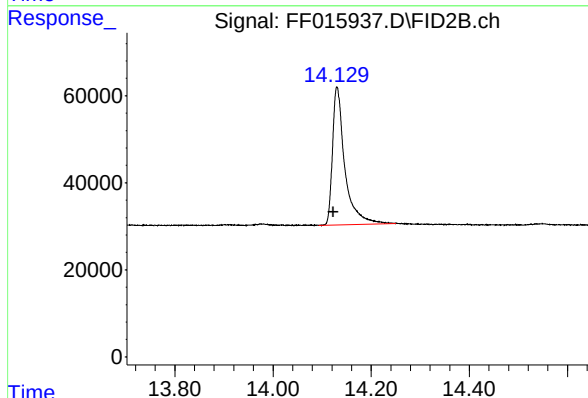
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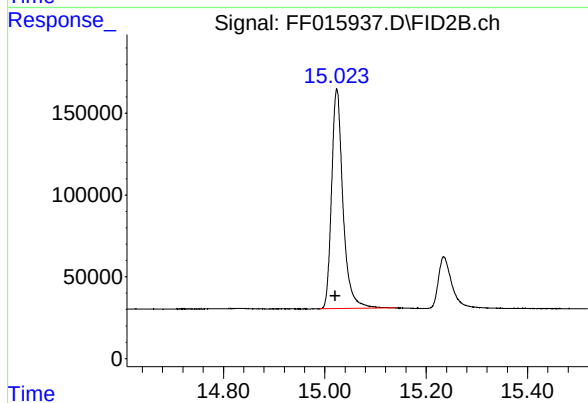
#7 N-EICOSANE

R.T.: 12.941 min
Delta R.T.: 0.014 min
Response: 532092
Conc: 3.74 ug/ml



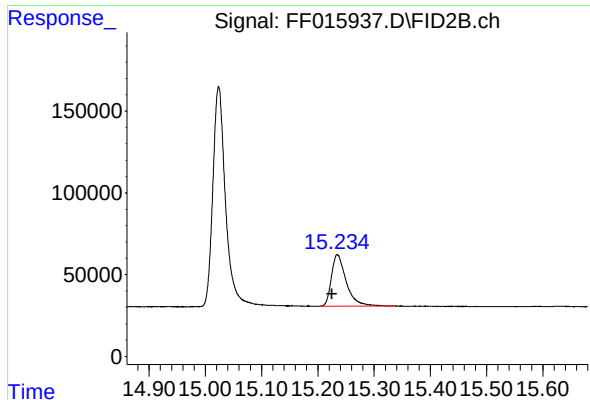
#8 N-DOCOSANE

R.T.: 14.131 min
Delta R.T.: 0.008 min
Response: 551371
Conc: 3.97 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.024 min
Delta R.T.: 0.003 min
Response: 2100572
Conc: 17.20 ug/ml



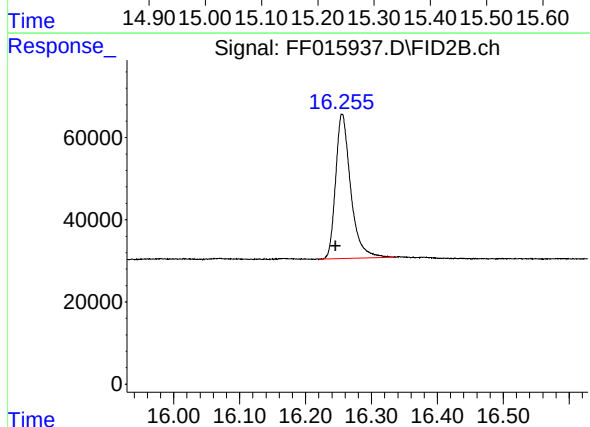
#10 N-TETRACOSANE

R.T.: 15.235 min
Delta R.T.: 0.010 min
Response: 578448
Conc: 4.15 ug/ml

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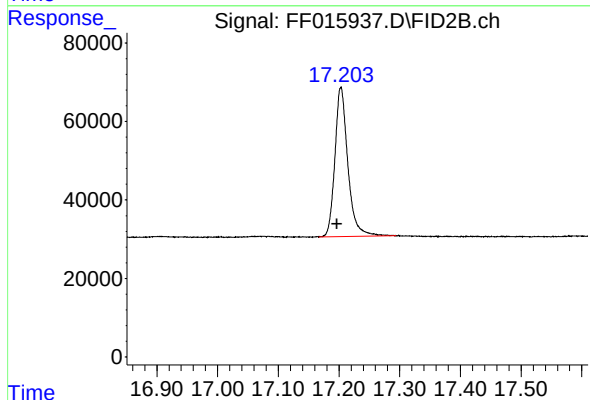
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#11 N-HEXACOSANE

R.T.: 16.256 min
Delta R.T.: 0.010 min
Response: 558437
Conc: 4.03 ug/ml



#12 N-OCTACOSANE

R.T.: 17.203 min
Delta R.T.: 0.006 min
Response: 564109
Conc: 4.10 ug/ml