

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100522\
 Data File : FE037964.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2022 21:08
 Operator : YP\AJ
 Sample : N4955-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
 Quant Time: Oct 06 05:47:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100522.M
 Quant Title :
 QLast Update : Wed Oct 05 16:55:43 2022
 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...	14.669	2257321	17.379 ug/ml
Target Compounds			
2) N-DECANE	4.263	240052	1.794 ug/mlm
3) N-DODECANE	6.436	245332	1.755 ug/mlm
4) N-TETRADECANE	8.252	286277	1.970 ug/mlm
5) N-HEXADECANE	9.849	312082	2.081 ug/mlm
6) N-OCTADECANE	11.283	319970	2.108 ug/mlm
7) N-EICOSANE	12.584	312875	2.055 ug/ml
8) N-DOCOSANE	13.774	327816	2.201 ug/ml
10) N-TETRACOSANE	14.869	342481	2.303 ug/ml
11) N-HEXACOSANE	15.885	326308	2.258 ug/ml
12) N-OCTACOSANE	16.829	320130	2.275 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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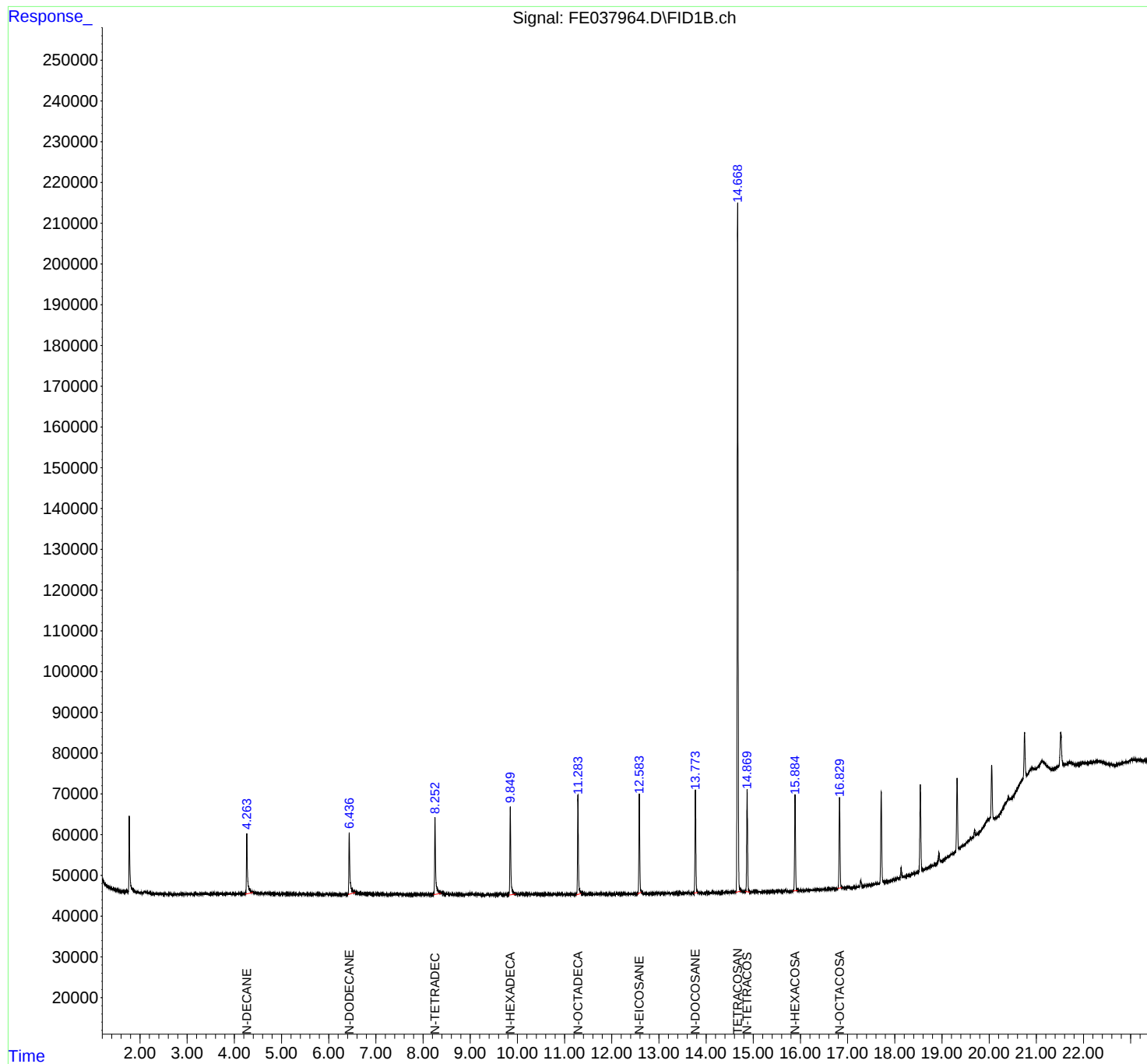
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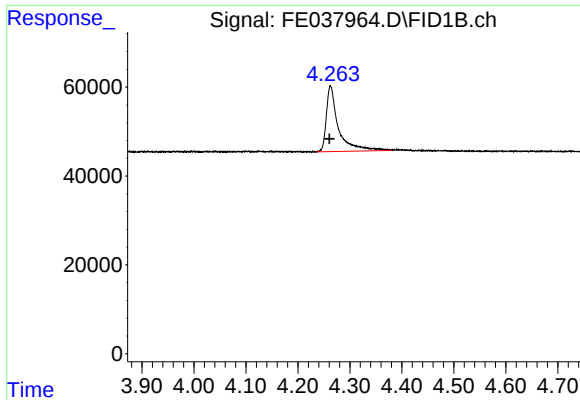
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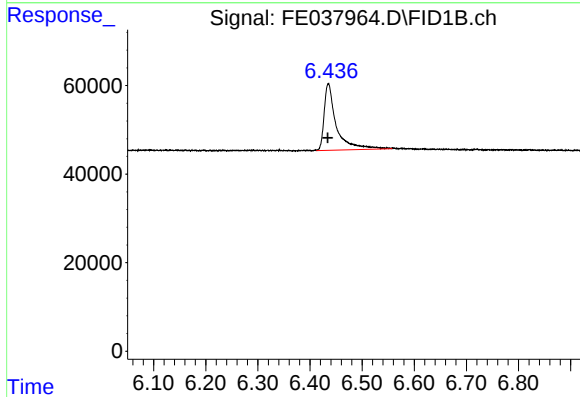
#2 N-DECANE

R.T.: 4.263 min
Delta R.T.: 0.002 min
Response: 240052
Conc: 1.79 ug/ml

Instrument :
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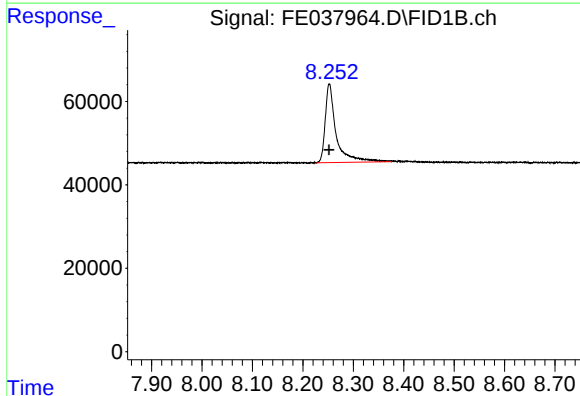
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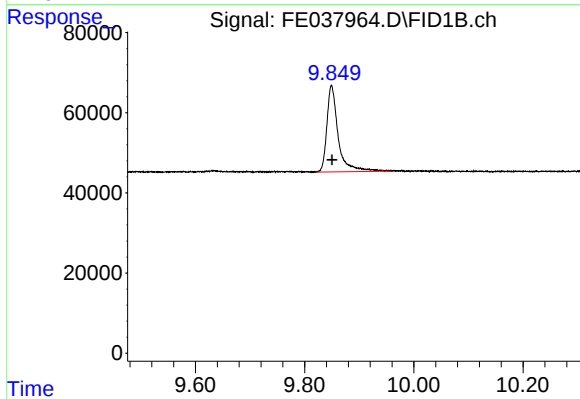
#3 N-DODECANE

R.T.: 6.436 min
Delta R.T.: 0.002 min
Response: 245332
Conc: 1.75 ug/ml m



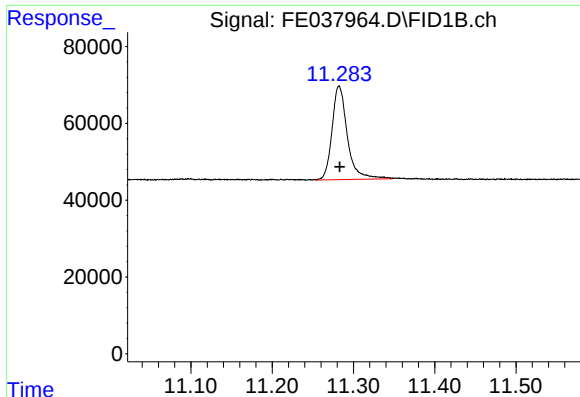
#4 N-TETRADECANE

R.T.: 8.252 min
Delta R.T.: 0.000 min
Response: 286277
Conc: 1.97 ug/ml m



#5 N-HEXADECANE

R.T.: 9.849 min
Delta R.T.: 0.000 min
Response: 312082
Conc: 2.08 ug/ml m



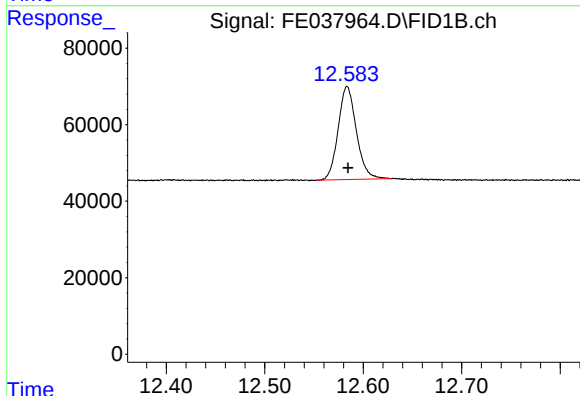
#6 N-OCTADECANE

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 319970
Conc: 2.11 ug/ml

Instrument :
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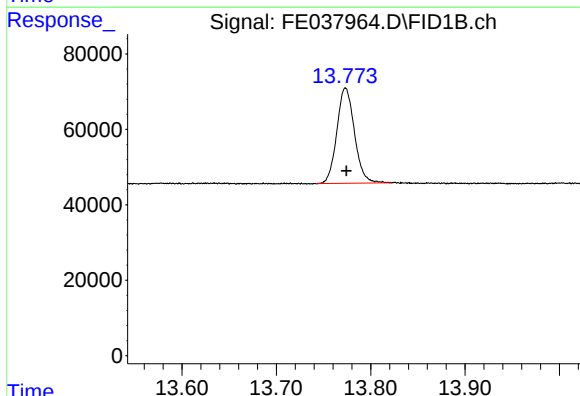
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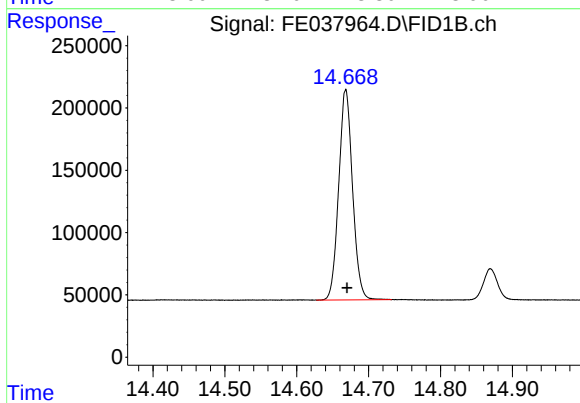
#7 N-EICOSANE

R.T.: 12.584 min
Delta R.T.: 0.000 min
Response: 312875
Conc: 2.06 ug/ml



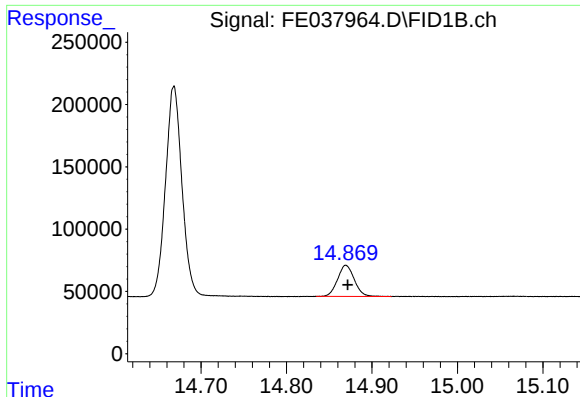
#8 N-DOCOSANE

R.T.: 13.774 min
Delta R.T.: 0.000 min
Response: 327816
Conc: 2.20 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.669 min
Delta R.T.: -0.002 min
Response: 2257321
Conc: 17.38 ug/ml



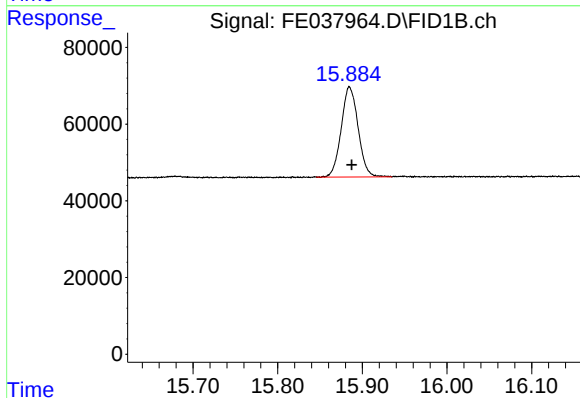
#10 N-TETRACOSANE

R.T.: 14.869 min
Delta R.T.: -0.002 min
Response: 342481
Conc: 2.30 ug/ml

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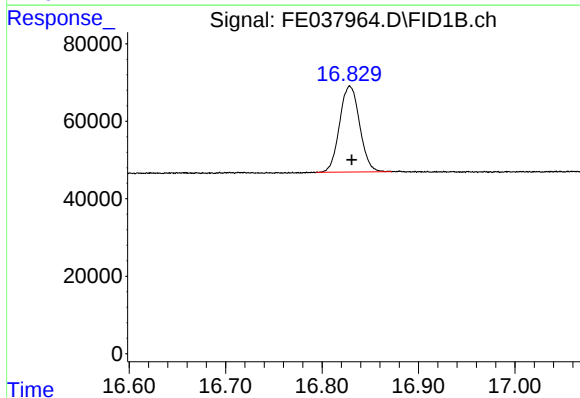
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#11 N-HEXACOSANE

R.T.: 15.885 min
Delta R.T.: -0.003 min
Response: 326308
Conc: 2.26 ug/ml



#12 N-OCTACOSANE

R.T.: 16.829 min
Delta R.T.: -0.002 min
Response: 320130
Conc: 2.28 ug/ml