

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083122\
 Data File : FE037365.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2022 19:52
 Operator : YP\AJ
 Sample : N3980-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: autoint1.e
 Quant Time: Sep 01 09:27:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE082922.M
 Quant Title :
 QLast Update : Mon Aug 29 16:06:19 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...	14.706	2473643	17.266 ug/ml
Target Compounds			
2) N-DECANE	4.305	104432	0.663 ug/mlm
3) N-DODECANE	6.474	89785	0.552 ug/mlm
4) N-TETRADECANE	8.292	138764	0.828 ug/mlm
5) N-HEXADECANE	9.889	127951	0.751 ug/mlm
6) N-OCTADECANE	11.321	132251	0.770 ug/mlm
7) N-EICOSANE	12.621	140730	0.827 ug/mlm
8) N-DOCOSANE	13.811	151182	0.913 ug/ml
10) N-TETRACOSANE	14.907	166808	1.018 ug/ml
11) N-HEXACOSANE	15.923	153509	0.966 ug/ml
12) N-OCTACOSANE	16.866	176210	1.144 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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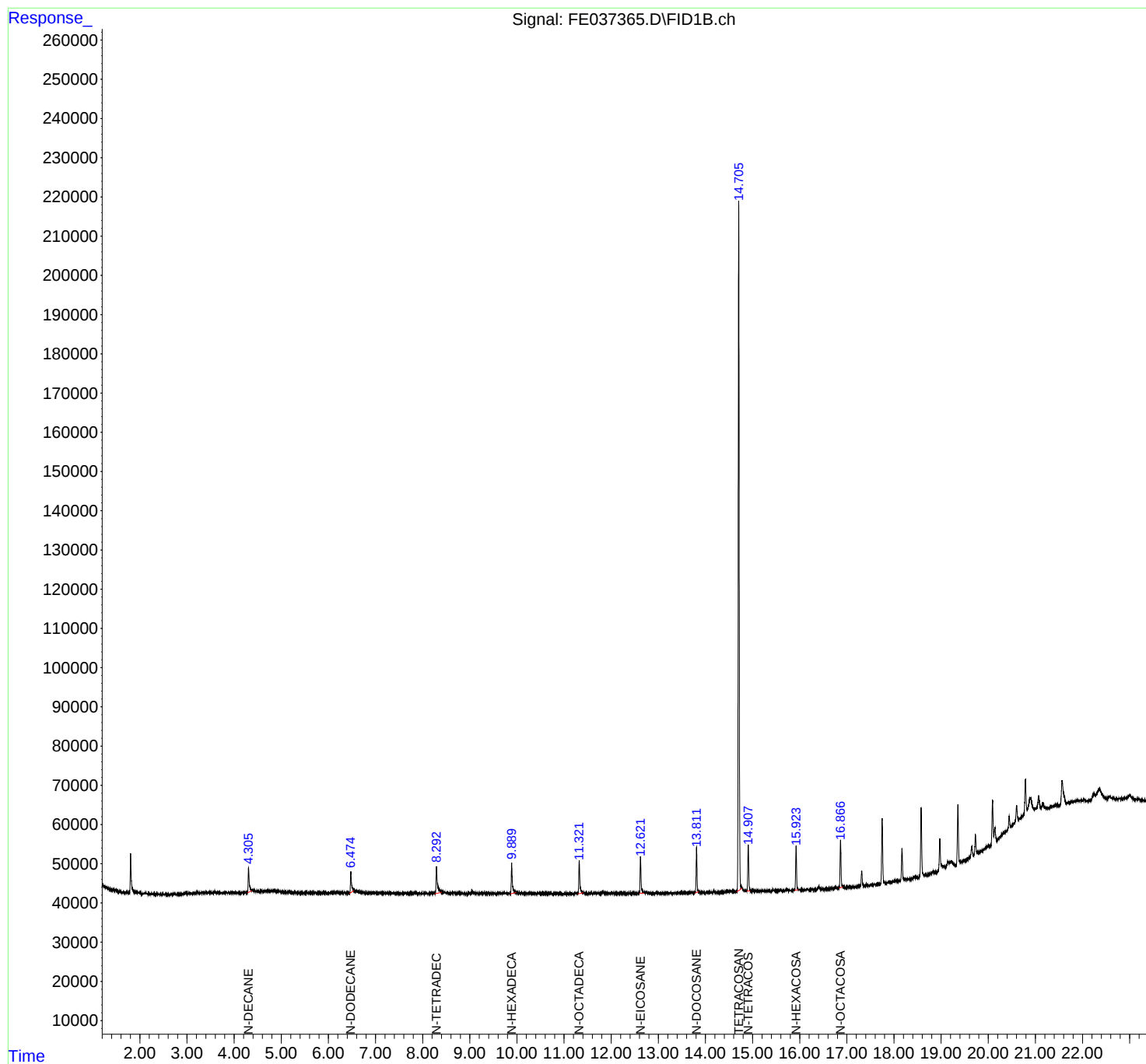
Instrument :
FID_E
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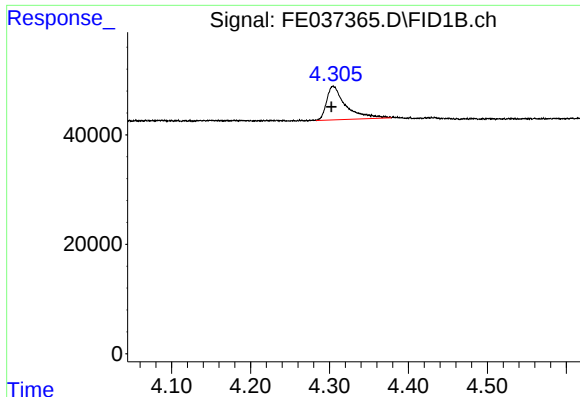
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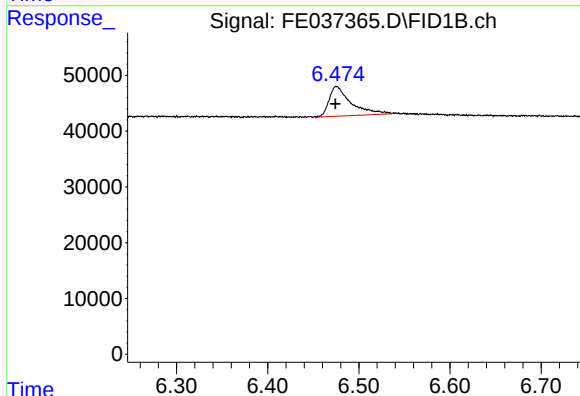
#2 N-DECANE

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 104432
Conc: 0.66 ug/ml

Instrument : FID_E
ClientSampleId : MDL-SOIL-03-QT3-2022

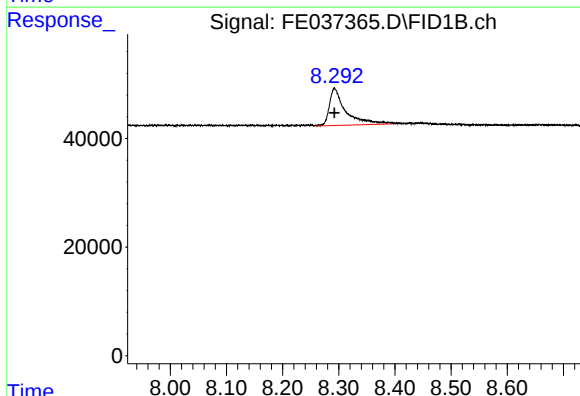
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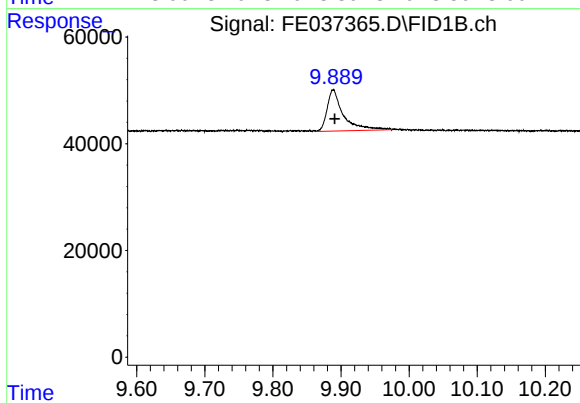
#3 N-DODECANE

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 89785
Conc: 0.55 ug/ml m



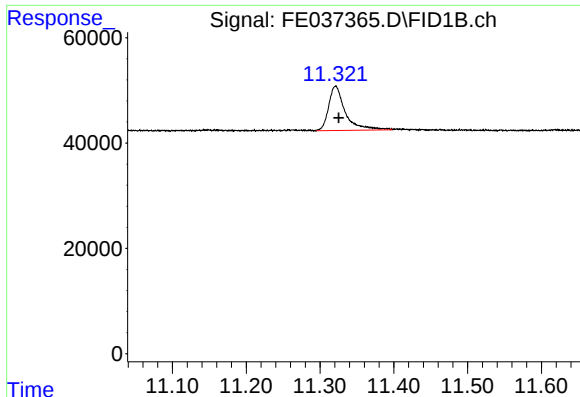
#4 N-TETRADECANE

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 138764
Conc: 0.83 ug/ml m



#5 N-HEXADECANE

R.T.: 9.889 min
Delta R.T.: -0.002 min
Response: 127951
Conc: 0.75 ug/ml m



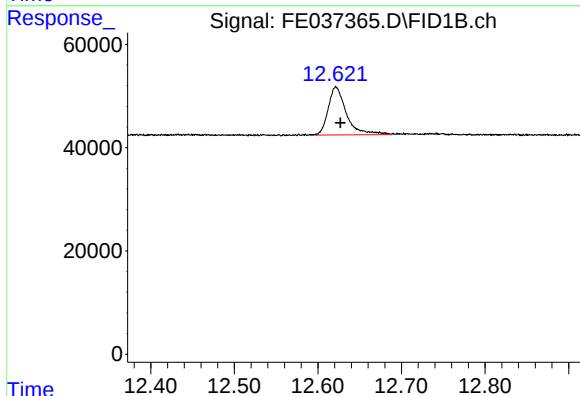
#6 N-OCTADECANE

R.T.: 11.321 min
Delta R.T.: -0.004 min
Response: 132251
Conc: 0.77 ug/ml

Instrument :
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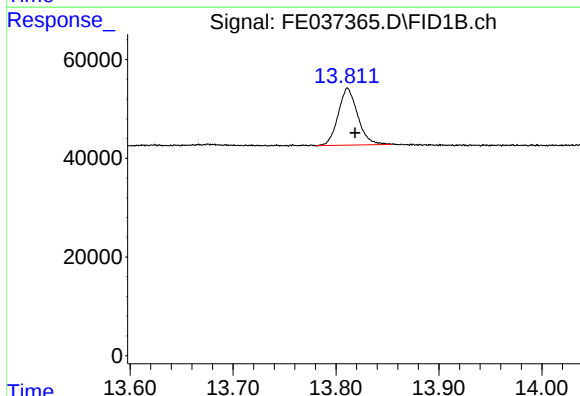
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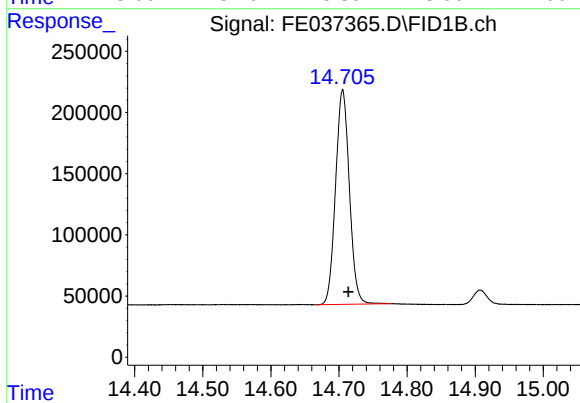
#7 N-EICOSANE

R.T.: 12.621 min
Delta R.T.: -0.006 min
Response: 140730
Conc: 0.83 ug/ml m



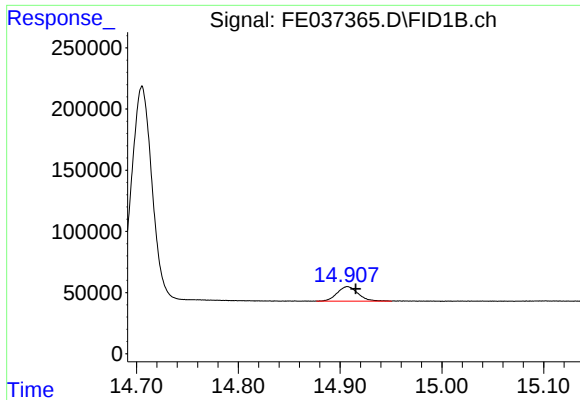
#8 N-DOCOSANE

R.T.: 13.811 min
Delta R.T.: -0.007 min
Response: 151182
Conc: 0.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.706 min
Delta R.T.: -0.008 min
Response: 2473643
Conc: 17.27 ug/ml



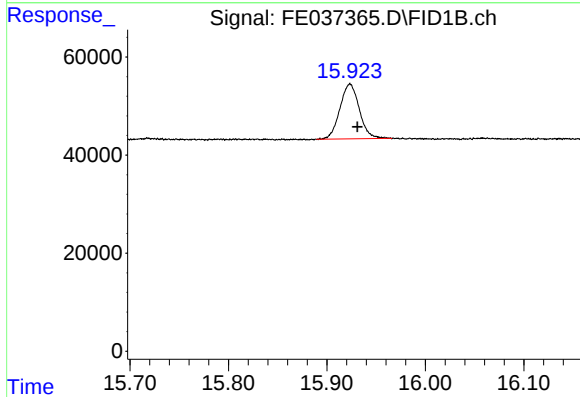
#10 N-TETRACOSANE

R.T.: 14.907 min
Delta R.T.: -0.008 min
Response: 166808
Conc: 1.02 ug/ml

Instrument :
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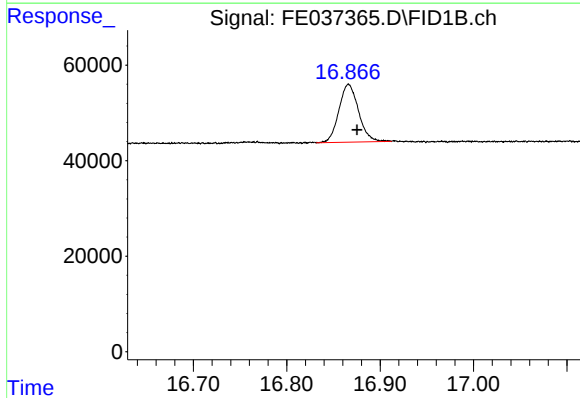
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#11 N-HEXACOSANE

R.T.: 15.923 min
Delta R.T.: -0.008 min
Response: 153509
Conc: 0.97 ug/ml



#12 N-OCTACOSANE

R.T.: 16.866 min
Delta R.T.: -0.009 min
Response: 176210
Conc: 1.14 ug/ml