

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041123\
 Data File : FF012447.D
 Signal(s) : FID2B.ch
 Acq On : 11 Apr 2023 10:26
 Operator : YP\AJ
 Sample : 02213-03
 Misc : 1 PPM SOIL MDL
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2023
 Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e
 Quant Time: Apr 12 02:23:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Quant Title :
 QLast Update : Wed Mar 15 18:07:23 2023
 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...	15.012	2110951	18.862 ug/ml
Target Compounds			
2) N-DECANE	4.574	129538	1.035 ug/mlm
3) N-DODECANE	6.743	110097	0.888 ug/mlm
4) N-TETRADECANE	8.587	126895	0.974 ug/mlm
5) N-HEXADECANE	10.178	138576	1.038 ug/mlm
6) N-OCTADECANE	11.613	134059	0.998 ug/ml
7) N-EICOSANE	12.918	144312	1.085 ug/ml
8) N-DOCOSANE	14.112	178987	1.409 ug/ml
10) N-TETRACOSANE	15.214	230387	1.847 ug/ml
11) N-HEXACOSANE	16.239	220841	1.844 ug/ml
12) N-OCTACOSANE	17.187	251831	2.189 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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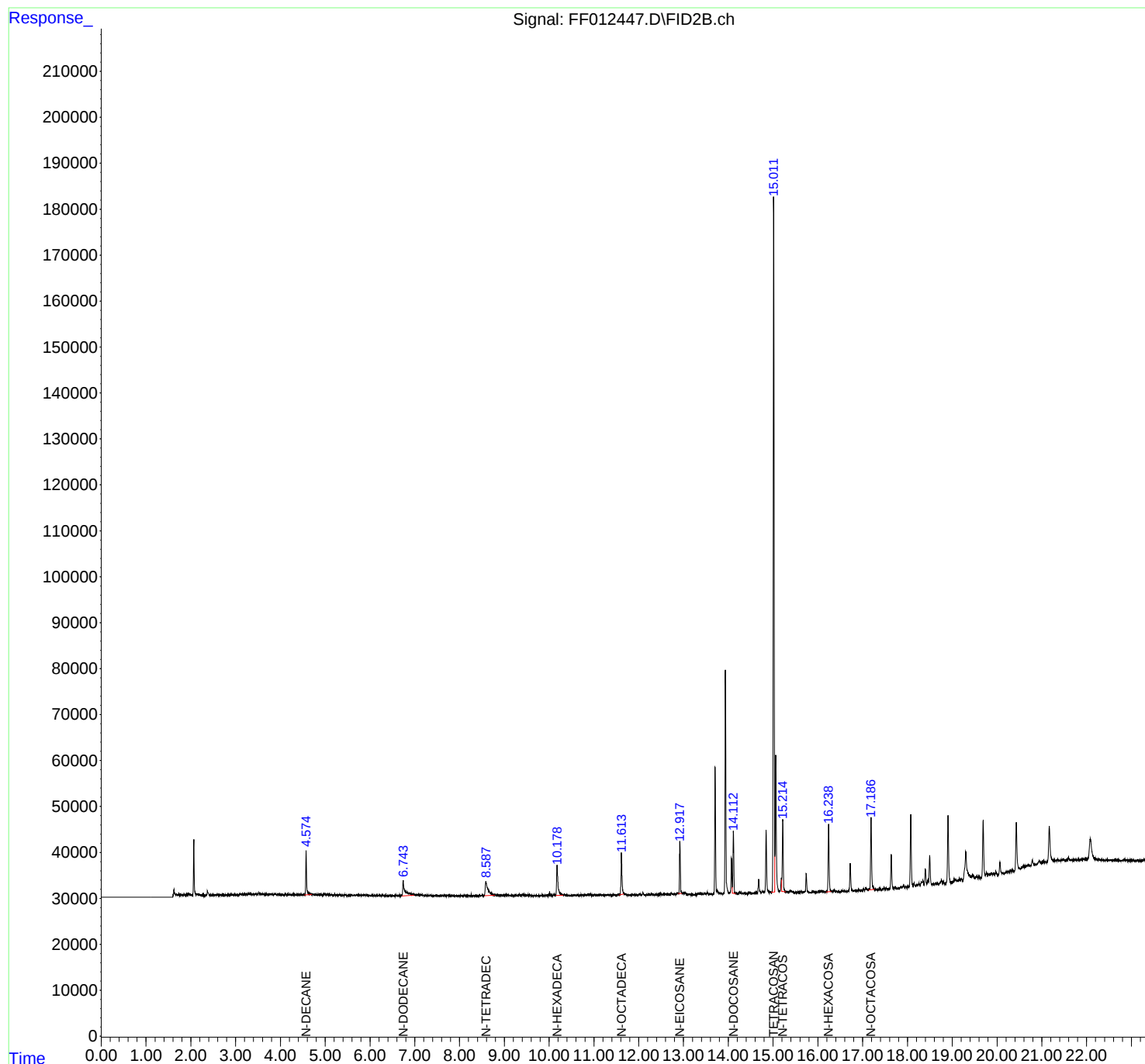
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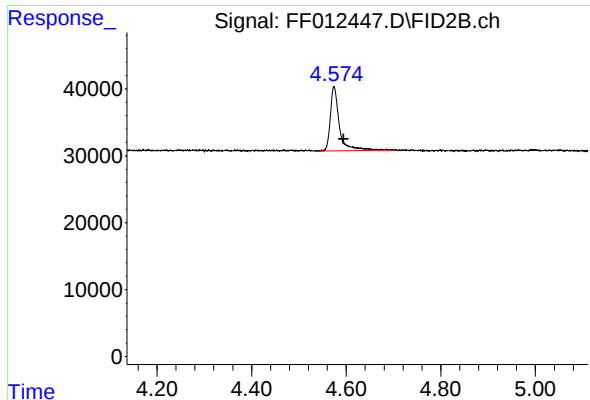
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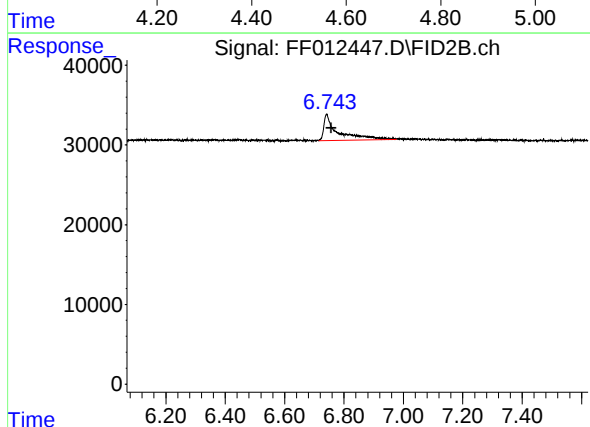
#2 N-DECANE

R.T.: 4.574 min
Delta R.T.: -0.021 min
Response: 129538
Conc: 1.03 ug/ml

Instrument :
FID_F
ClientSampleId :
MDL-SOIL-03-QT2-2023

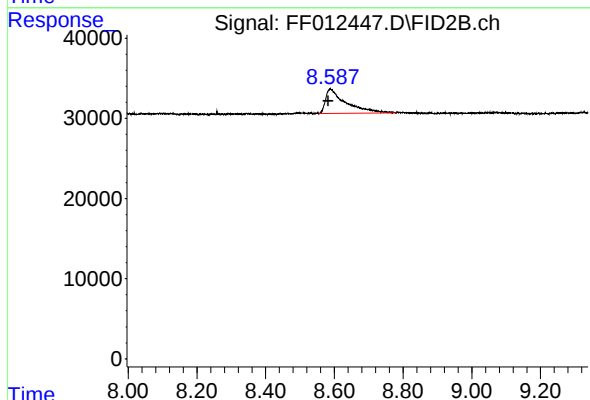
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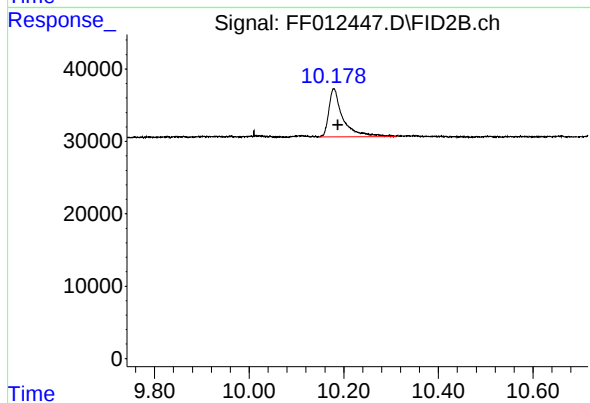
#3 N-DODECANE

R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 110097
Conc: 0.89 ug/ml m



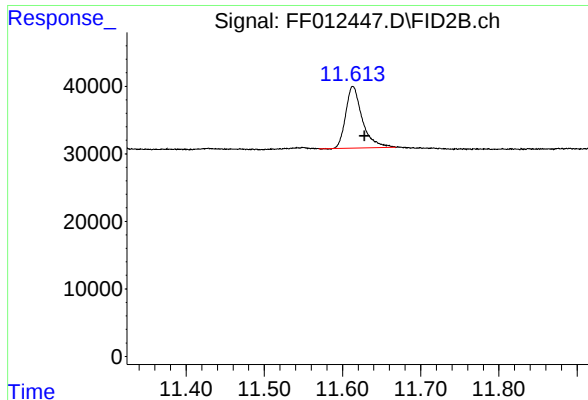
#4 N-TETRADECANE

R.T.: 8.587 min
Delta R.T.: 0.004 min
Response: 126895
Conc: 0.97 ug/ml m



#5 N-HEXADECANE

R.T.: 10.178 min
Delta R.T.: -0.009 min
Response: 138576
Conc: 1.04 ug/ml m



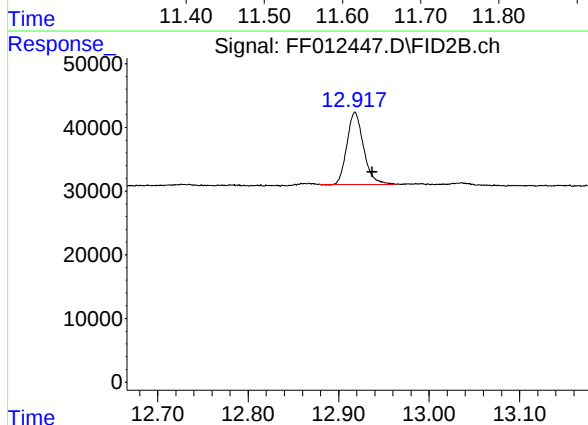
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: -0.015 min
Response: 134059
Conc: 1.00 ug/ml

Instrument : FID_F
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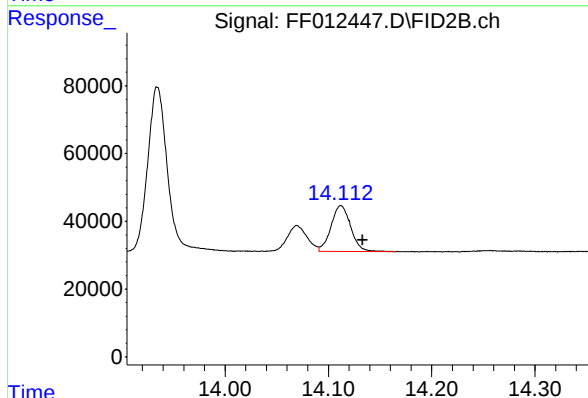
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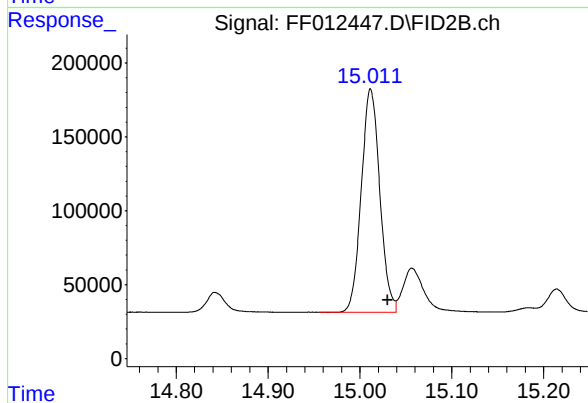
#7 N-EICOSANE

R.T.: 12.918 min
Delta R.T.: -0.019 min
Response: 144312
Conc: 1.08 ug/ml



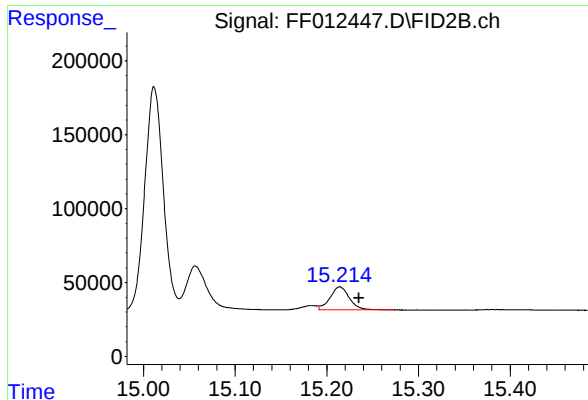
#8 N-DOCOSANE

R.T.: 14.112 min
Delta R.T.: -0.021 min
Response: 178987
Conc: 1.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.012 min
Delta R.T.: -0.019 min
Response: 2110951
Conc: 18.86 ug/ml



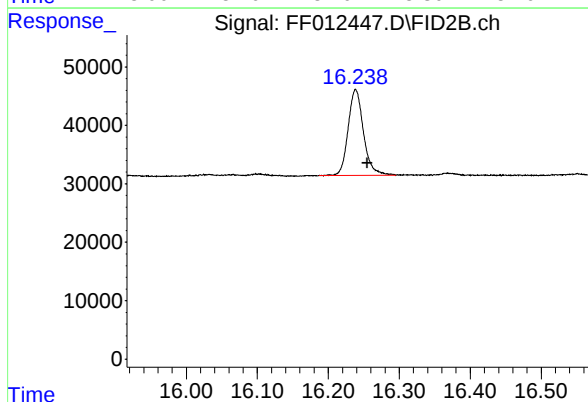
#10 N-TETRACOSANE

R.T.: 15.214 min
Delta R.T.: -0.021 min
Response: 230387
Conc: 1.85 ug/ml

Instrument : FID_F
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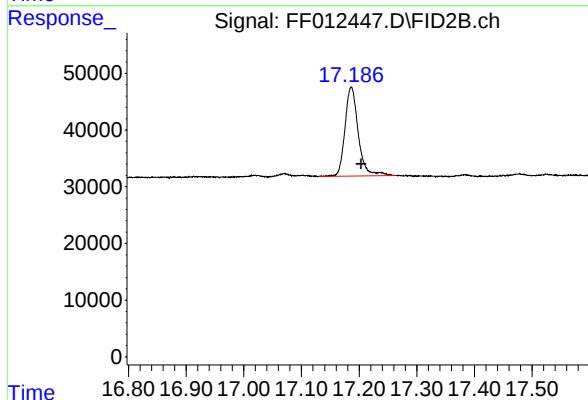
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#11 N-HEXACOSANE

R.T.: 16.239 min
Delta R.T.: -0.017 min
Response: 220841
Conc: 1.84 ug/ml



#12 N-OCTACOSANE

R.T.: 17.187 min
Delta R.T.: -0.018 min
Response: 251831
Conc: 2.19 ug/ml