

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723\
 Data File : FE041247.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2023 05:47
 Operator : YP\AJ
 Sample : 02213-01
 Misc : 1 PPM SOIL LOD
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 02:16:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040523.M
 Quant Title :
 QLast Update : Thu Apr 06 02:04:41 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...	14.930	2875756	22.594 ug/ml
Target Compounds			
2) N-DECANE	4.488	140528	0.948 ug/ml
3) N-DODECANE	6.653	161614	1.065 ug/mlm
4) N-TETRADECANE	8.476	169952	1.114 ug/mlm
5) N-HEXADECANE	10.083	161668	1.050 ug/ml
6) N-OCTADECANE	11.524	168396	1.101 ug/ml
7) N-EICOSANE	12.831	171800	1.139 ug/ml
8) N-DOCOSANE	14.030	184512	1.276 ug/mlm
10) N-TETRACOSANE	15.133	179475	1.257 ug/ml
11) N-HEXACOSANE	16.154	177748	1.278 ug/ml
12) N-OCTACOSANE	17.105	206069	1.500 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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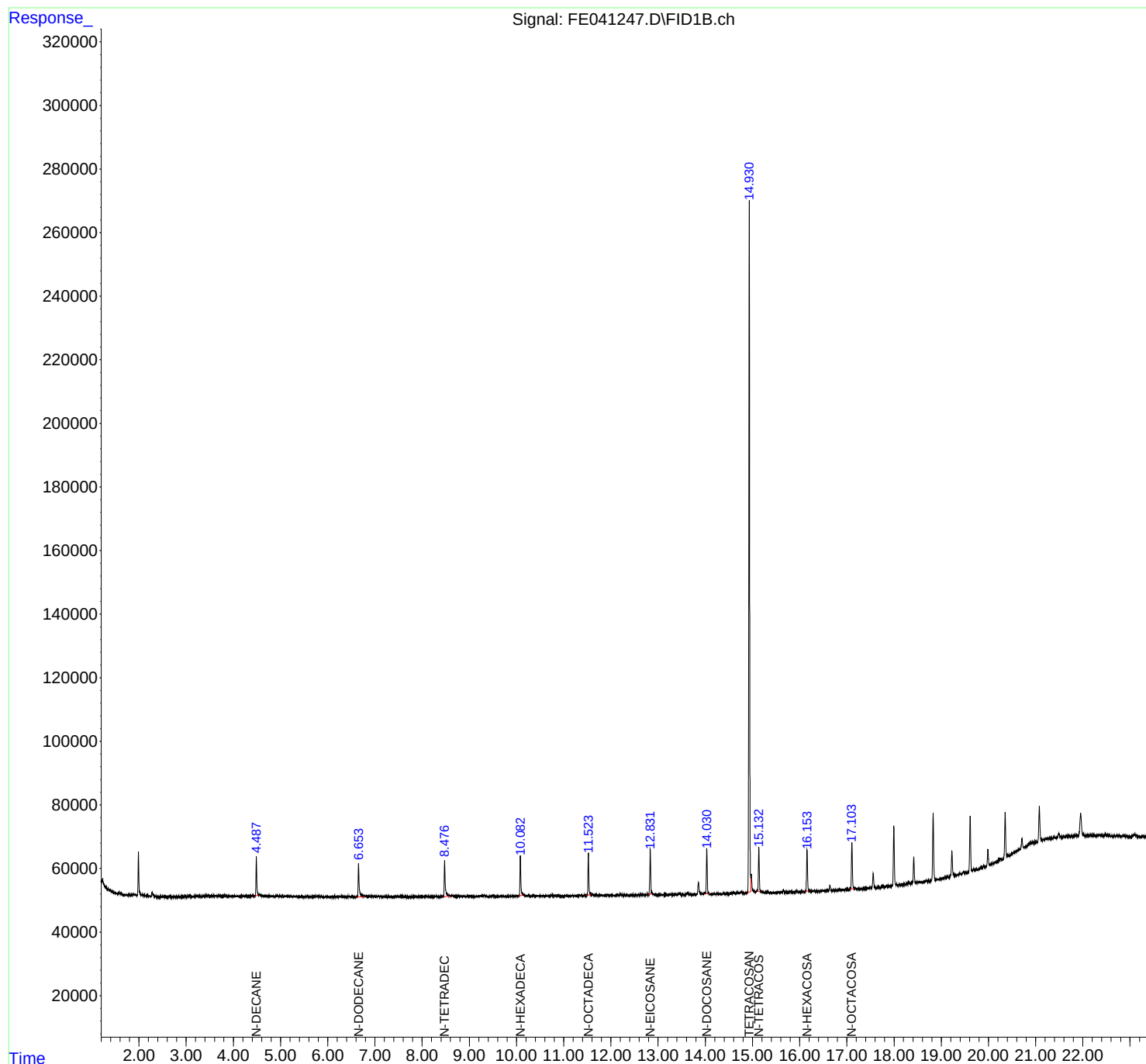
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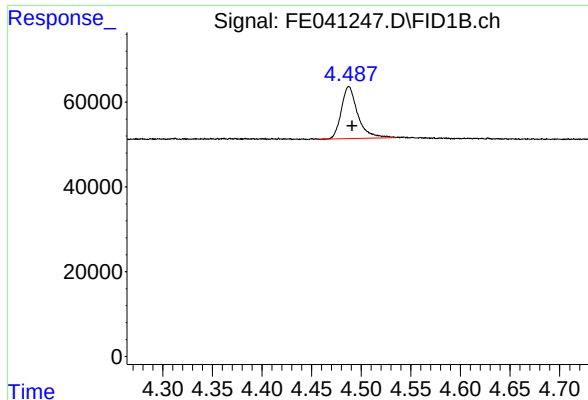
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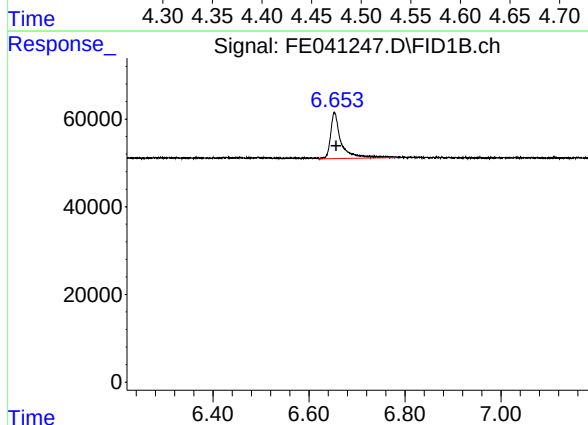
#2 N-DECANE

R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 140528
Conc: 0.95 ug/ml

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

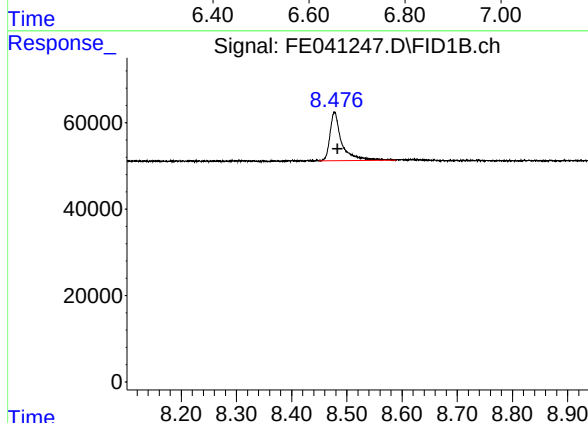
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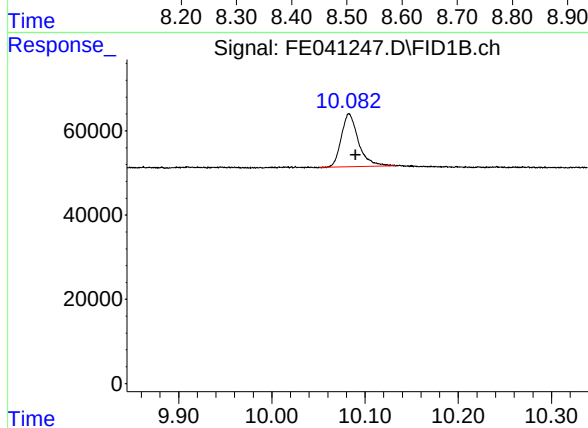
#3 N-DODECANE

R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 161614
Conc: 1.07 ug/ml m



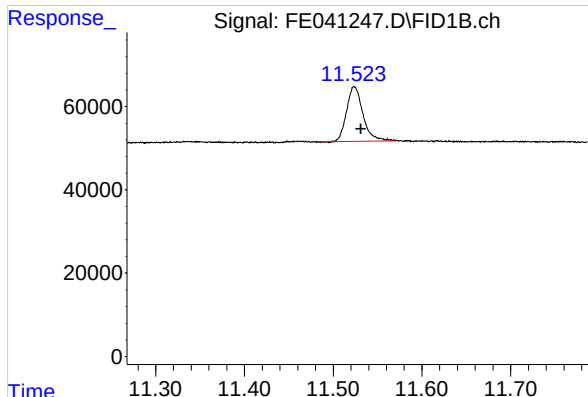
#4 N-TETRADECANE

R.T.: 8.476 min
Delta R.T.: -0.007 min
Response: 169952
Conc: 1.11 ug/ml m



#5 N-HEXADECANE

R.T.: 10.083 min
Delta R.T.: -0.007 min
Response: 161668
Conc: 1.05 ug/ml



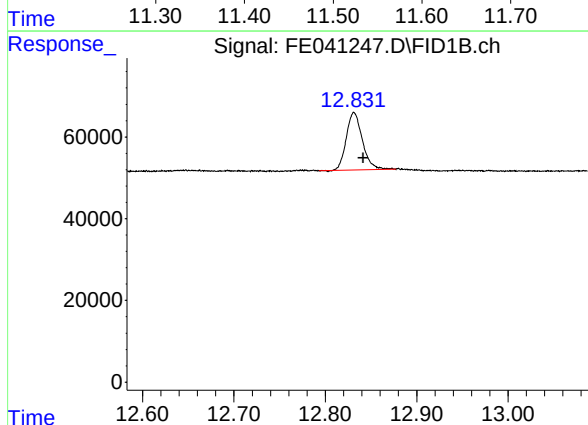
#6 N-OCTADECANE

R.T.: 11.524 min
Delta R.T.: -0.008 min
Response: 168396
Conc: 1.10 ug/ml

Instrument :
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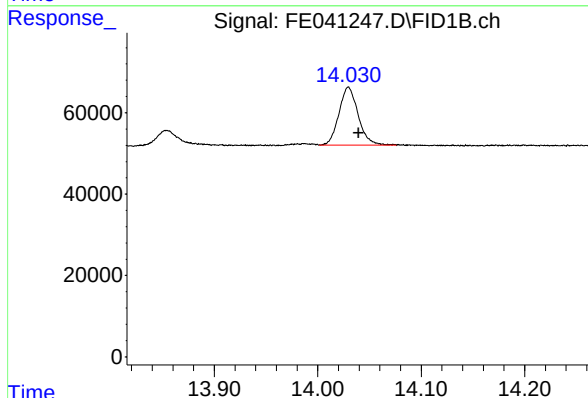
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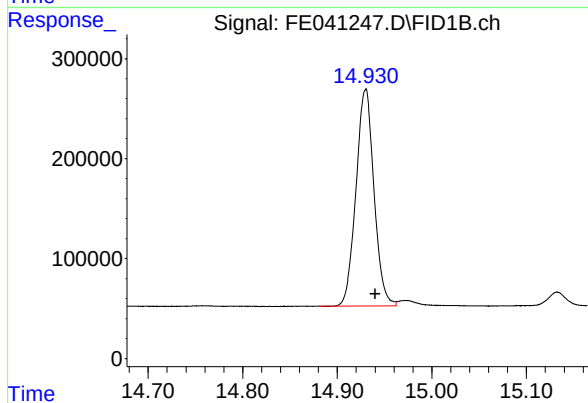
#7 N-EICOSANE

R.T.: 12.831 min
Delta R.T.: -0.010 min
Response: 171800
Conc: 1.14 ug/ml



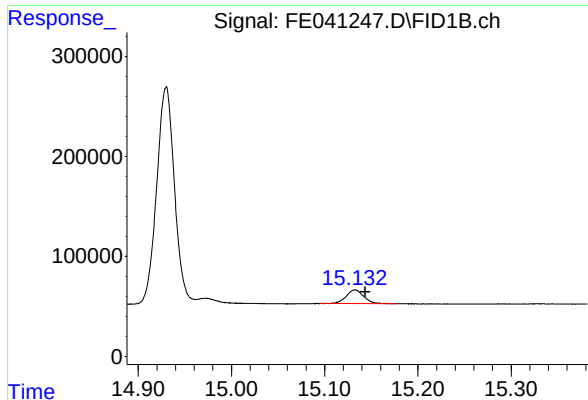
#8 N-DOCOSANE

R.T.: 14.030 min
Delta R.T.: -0.010 min
Response: 184512
Conc: 1.28 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.930 min
Delta R.T.: -0.010 min
Response: 2875756
Conc: 22.59 ug/ml



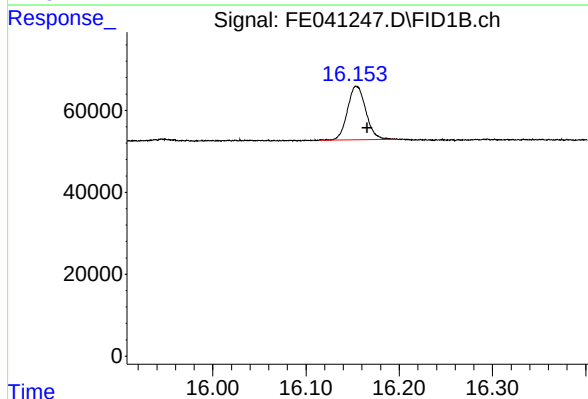
#10 N-TETRACOSANE

R.T.: 15.133 min
Delta R.T.: -0.011 min
Response: 179475
Conc: 1.26 ug/ml

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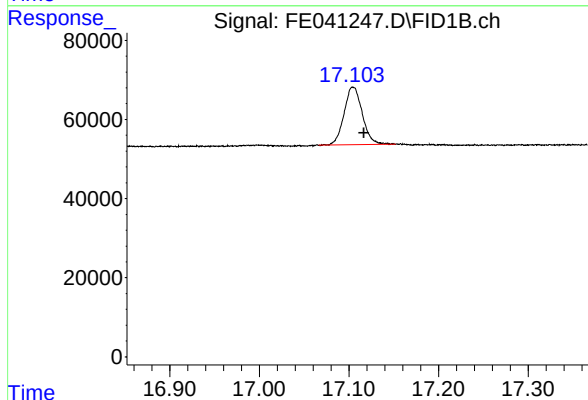
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#11 N-HEXACOSANE

R.T.: 16.154 min
Delta R.T.: -0.012 min
Response: 177748
Conc: 1.28 ug/ml



#12 N-OCTACOSANE

R.T.: 17.105 min
Delta R.T.: -0.012 min
Response: 206069
Conc: 1.50 ug/ml