

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723\
 Data File : FE041250.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2023 07:18
 Operator : YP\AJ
 Sample : 02213-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-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 02:16:41 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...	14.929	2238826	17.590 ug/ml
Target Compounds			
2) N-DECANE	4.487	136762	0.922 ug/mlm
3) N-DODECANE	6.654	117646	0.775 ug/mlm
4) N-TETRADECANE	8.478	133363	0.874 ug/mlm
5) N-HEXADECANE	10.081	145388	0.944 ug/mlm
6) N-OCTADECANE	11.524	150956	0.987 ug/mlm
7) N-EICOSANE	12.831	158386	1.050 ug/mlm
8) N-DOCOSANE	14.029	145300	1.005 ug/ml
10) N-TETRACOSANE	15.133	146304	1.024 ug/ml
11) N-HEXACOSANE	16.154	136770	0.983 ug/ml
12) N-OCTACOSANE	17.104	141053	1.027 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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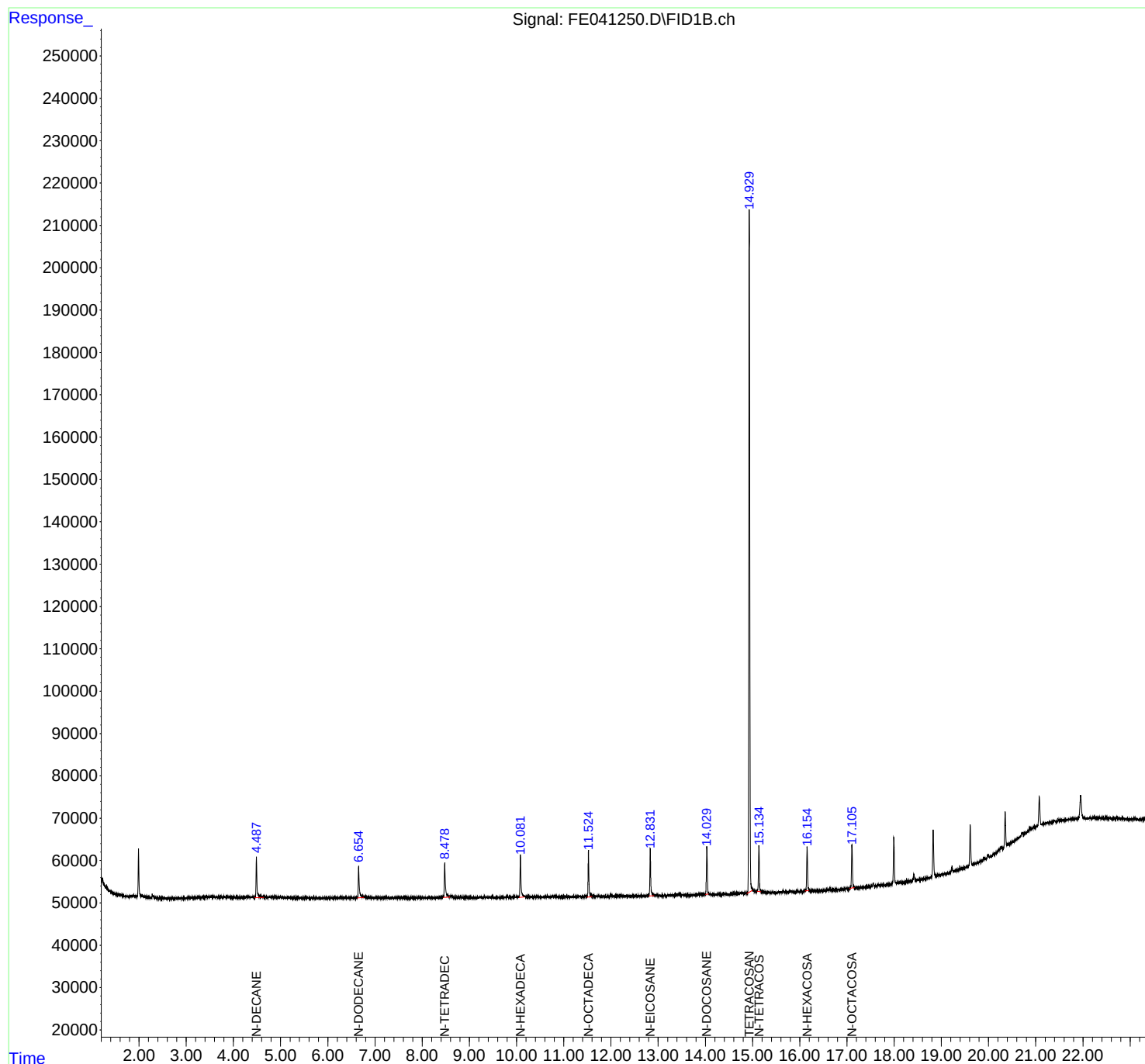
APPROVED

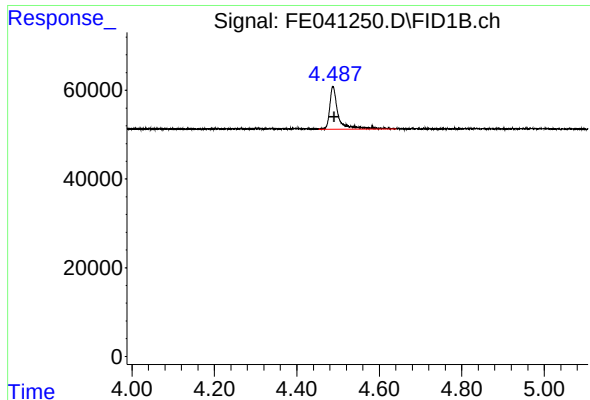
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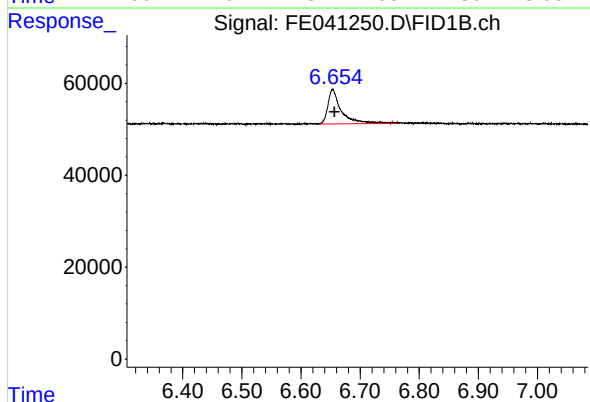
#2 N-DECANE

R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 136762
Conc: 0.92 ug/ml

Instrument :
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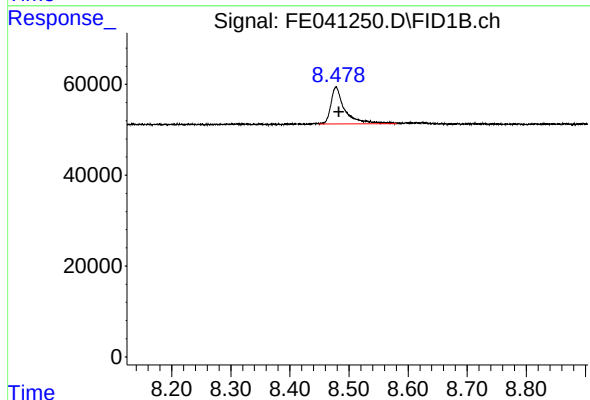
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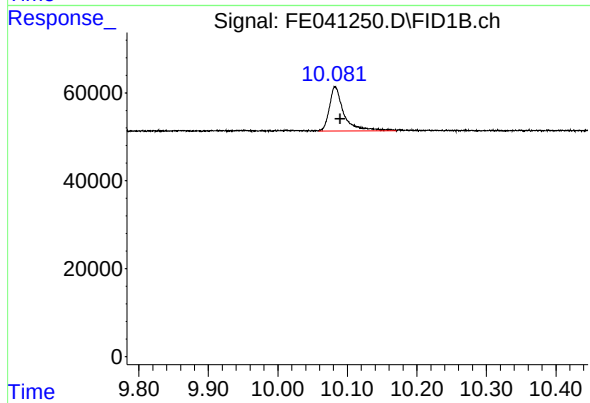
#3 N-DODECANE

R.T.: 6.654 min
Delta R.T.: -0.003 min
Response: 117646
Conc: 0.78 ug/ml



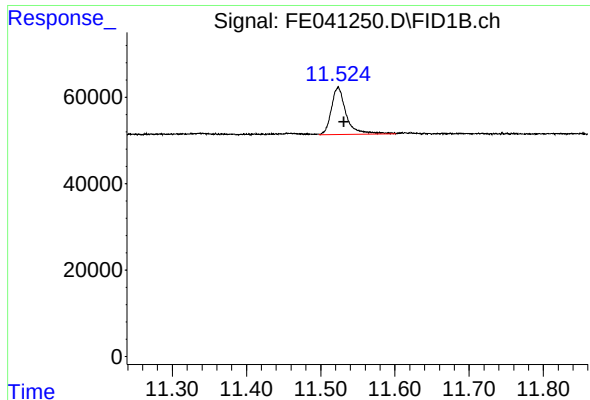
#4 N-TETRADECANE

R.T.: 8.478 min
Delta R.T.: -0.006 min
Response: 133363
Conc: 0.87 ug/ml



#5 N-HEXADECANE

R.T.: 10.081 min
Delta R.T.: -0.009 min
Response: 145388
Conc: 0.94 ug/ml



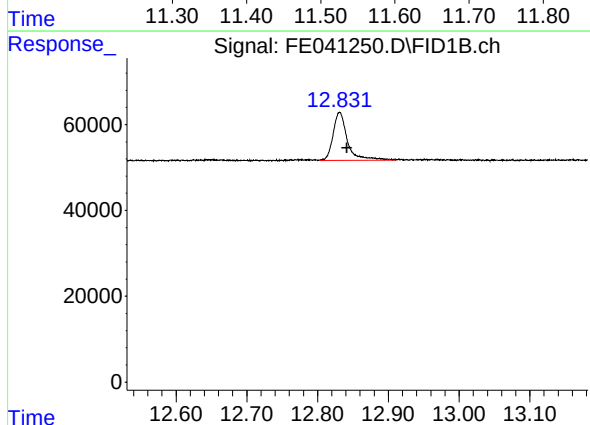
#6 N-OCTADECANE

R.T.: 11.524 min
Delta R.T.: -0.008 min
Response: 150956
Conc: 0.99 ug/ml

Instrument :
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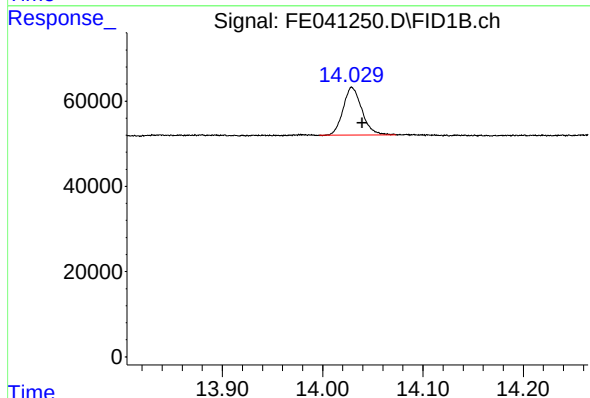
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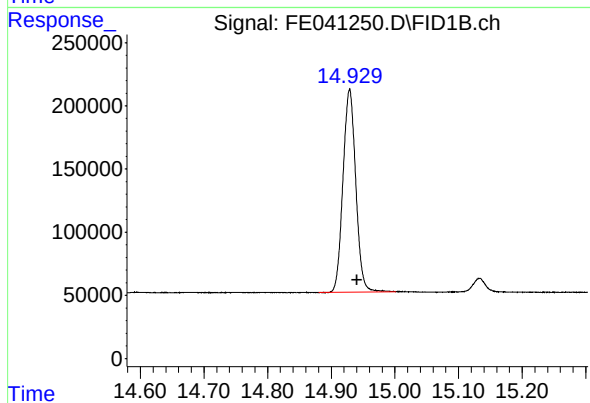
#7 N-EICOSANE

R.T.: 12.831 min
Delta R.T.: -0.011 min
Response: 158386
Conc: 1.05 ug/ml



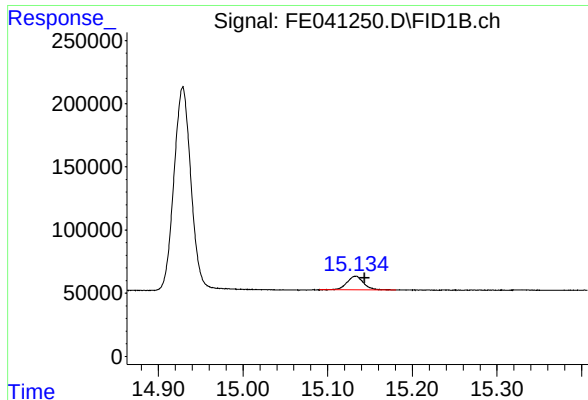
#8 N-DOCOSANE

R.T.: 14.029 min
Delta R.T.: -0.010 min
Response: 145300
Conc: 1.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.929 min
Delta R.T.: -0.011 min
Response: 2238826
Conc: 17.59 ug/ml



#10 N-TETRACOSANE

R.T.: 15.133 min
Delta R.T.: -0.010 min
Response: 146304
Conc: 1.02 ug/ml

Instrument :

FID_E

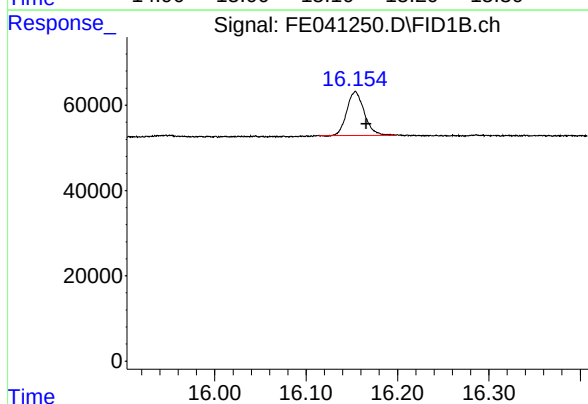
ClientSampleId :

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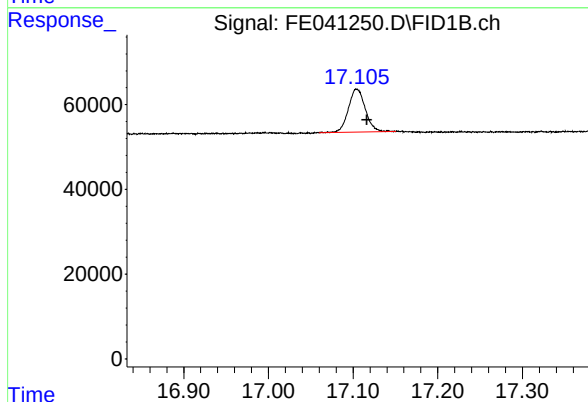
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#11 N-HEXACOSANE

R.T.: 16.154 min
Delta R.T.: -0.012 min
Response: 136770
Conc: 0.98 ug/ml



#12 N-OCTACOSANE

R.T.: 17.104 min
Delta R.T.: -0.012 min
Response: 141053
Conc: 1.03 ug/ml