

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110723\
 Data File : FG013146.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 14:39
 Operator : YP\AJ
 Sample : 05102-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 67-IDW-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e
 Quant Time: Nov 07 21:57:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Quant Title :
 QLast Update : Mon Oct 16 12:31:23 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...	15.115	972309	9.282 ug/mlm
Target Compounds			
2) N-DECANE	4.611	19975856	173.743 ug/ml
3) N-DODECANE	6.787	15229463	131.847 ug/ml
4) N-TETRADECANE	8.608	105732350	927.273 ug/mlm
5) N-HEXADECANE	10.257	17141066	147.619 ug/mlm
6) N-OCTADECANE	11.707	12578928	108.331 ug/mlm
7) N-EICOSANE	13.016	41578344	361.208 ug/mlm
8) N-DOCOSANE	14.226	8303552	75.042 ug/mlm
10) N-TETRACOSANE	15.332	11833820	107.706 ug/mlm
11) N-HEXACOSANE	16.354	8236427	76.536 ug/mlm
12) N-OCTACOSANE	17.307	7926688	74.341 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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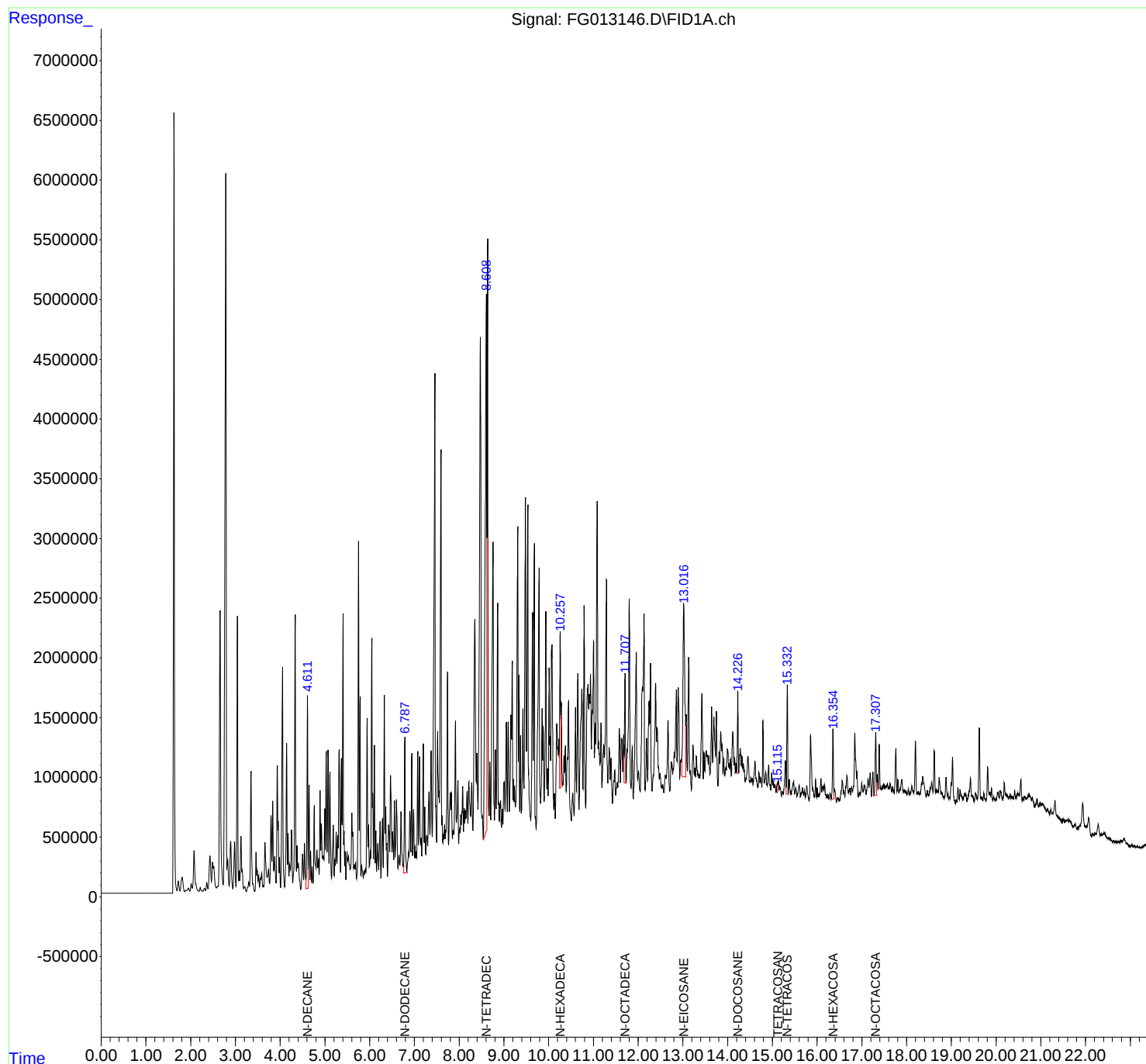
APPROVED

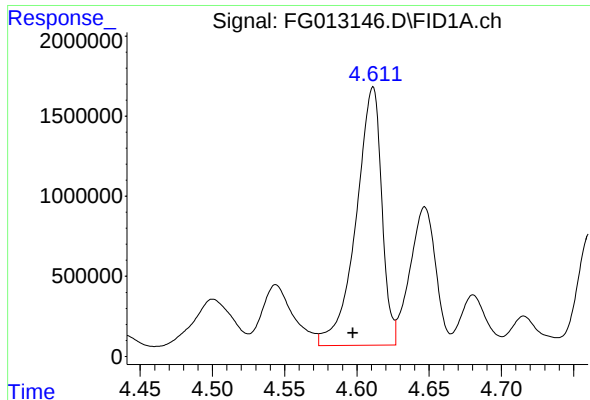
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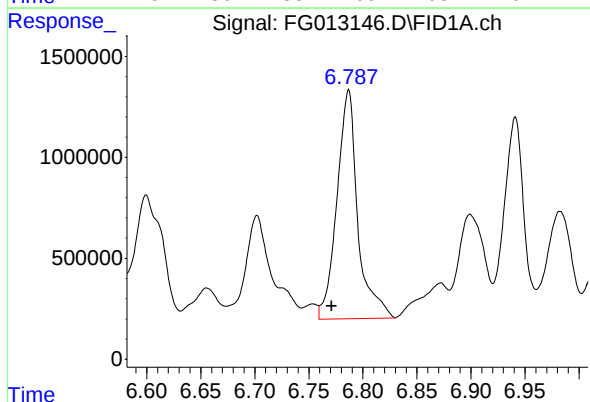
#2 N-DECANE

R.T.: 4.611 min
Delta R.T.: 0.014 min
Response: 19975856
Conc: 173.74 ug/ml

Instrument :
FID_G
ClientSampleId :
67-IDW-01MS

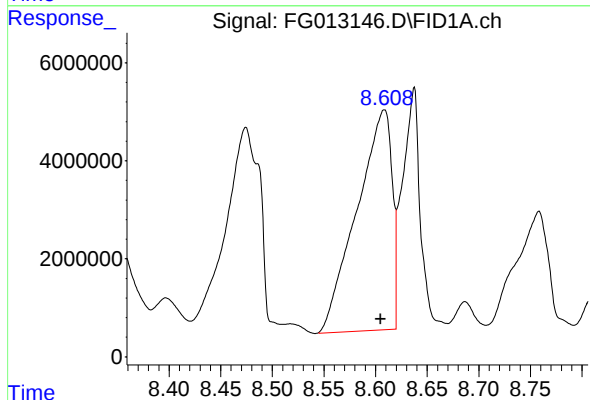
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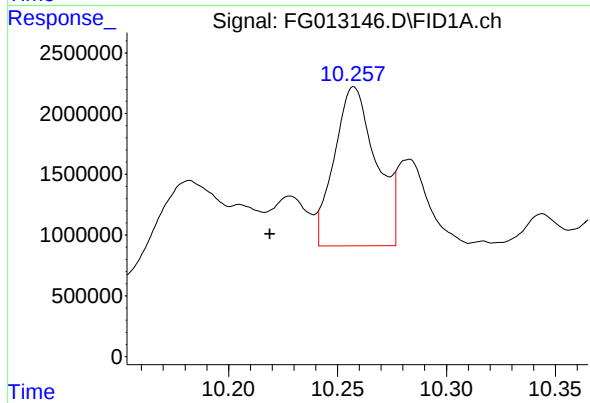
#3 N-DODECANE

R.T.: 6.787 min
Delta R.T.: 0.016 min
Response: 15229463
Conc: 131.85 ug/ml



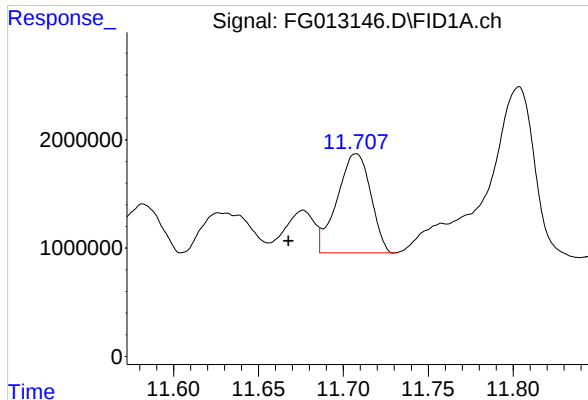
#4 N-TETRADECANE

R.T.: 8.608 min
Delta R.T.: 0.003 min
Response: 105732350
Conc: 927.27 ug/ml m



#5 N-HEXADECANE

R.T.: 10.257 min
Delta R.T.: 0.038 min
Response: 17141066
Conc: 147.62 ug/ml m



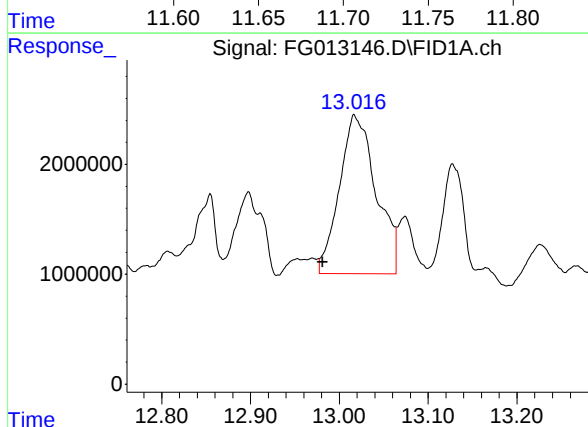
#6 N-OCTADECANE

R.T.: 11.707 min
Delta R.T.: 0.040 min
Response: 12578928
Conc: 108.33 ug/ml

Instrument :
FID_G
ClientSampleId :
67-IDW-01MS

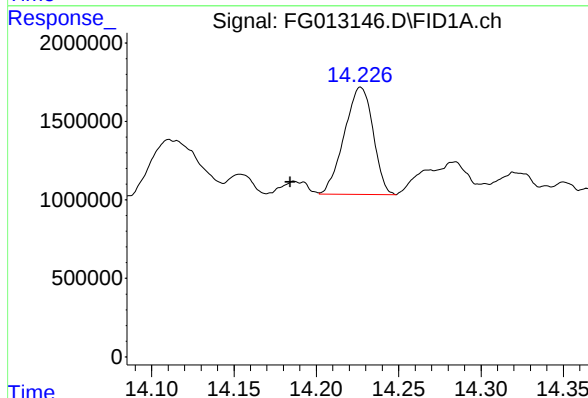
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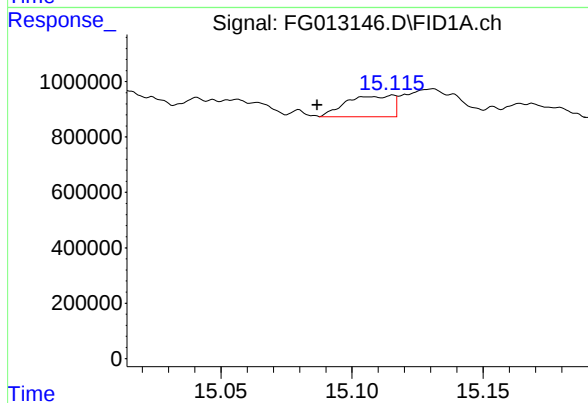
#7 N-EICOSANE

R.T.: 13.016 min
Delta R.T.: 0.035 min
Response: 41578344
Conc: 361.21 ug/ml m



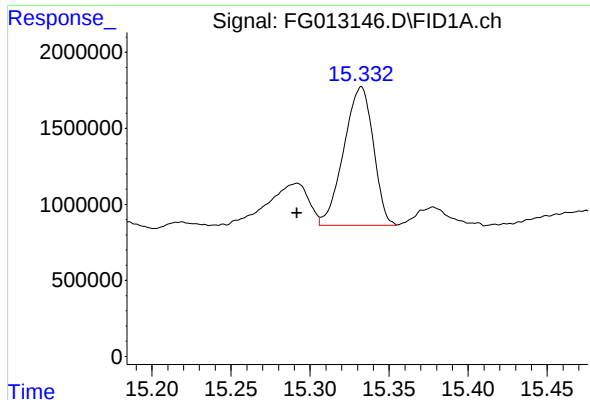
#8 N-DOCOSANE

R.T.: 14.226 min
Delta R.T.: 0.042 min
Response: 8303552
Conc: 75.04 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.115 min
Delta R.T.: 0.029 min
Response: 972309
Conc: 9.28 ug/ml m



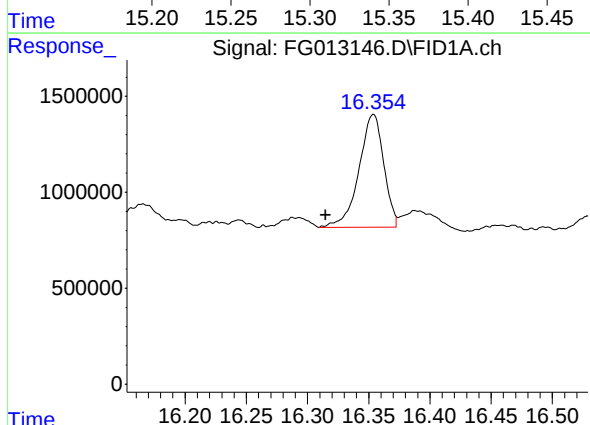
#10 N-TETRACOSANE

R.T.: 15.332 min
Delta R.T.: 0.041 min
Response: 11833820
Conc: 107.71 ug/ml

Instrument :
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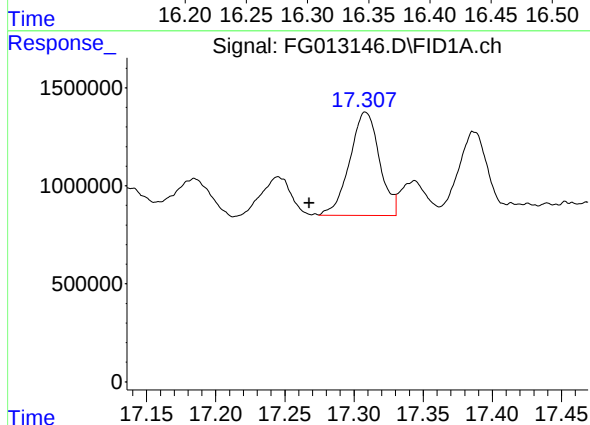
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#11 N-HEXACOSANE

R.T.: 16.354 min
Delta R.T.: 0.039 min
Response: 8236427
Conc: 76.54 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.307 min
Delta R.T.: 0.040 min
Response: 7926688
Conc: 74.34 ug/ml m