

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083122\
 Data File : FE037366.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2022 20:22
 Operator : YP\AJ
 Sample : N3980-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-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 09:27:42 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...	14.704	2264563	15.807 ug/ml
Target Compounds			
2) N-DECANE	4.305	81779	0.519 ug/mlm
3) N-DODECANE	6.474	74211	0.456 ug/mlm
4) N-TETRADECANE	8.291	107123	0.639 ug/mlm
5) N-HEXADECANE	9.887	117120	0.688 ug/mlm
6) N-OCTADECANE	11.321	121916	0.710 ug/mlm
7) N-EICOSANE	12.623	133464	0.784 ug/mlm
8) N-DOCOSANE	13.810	139916	0.845 ug/ml
10) N-TETRACOSANE	14.908	151904	0.927 ug/ml
11) N-HEXACOSANE	15.922	139944	0.881 ug/ml
12) N-OCTACOSANE	16.865	160477	1.042 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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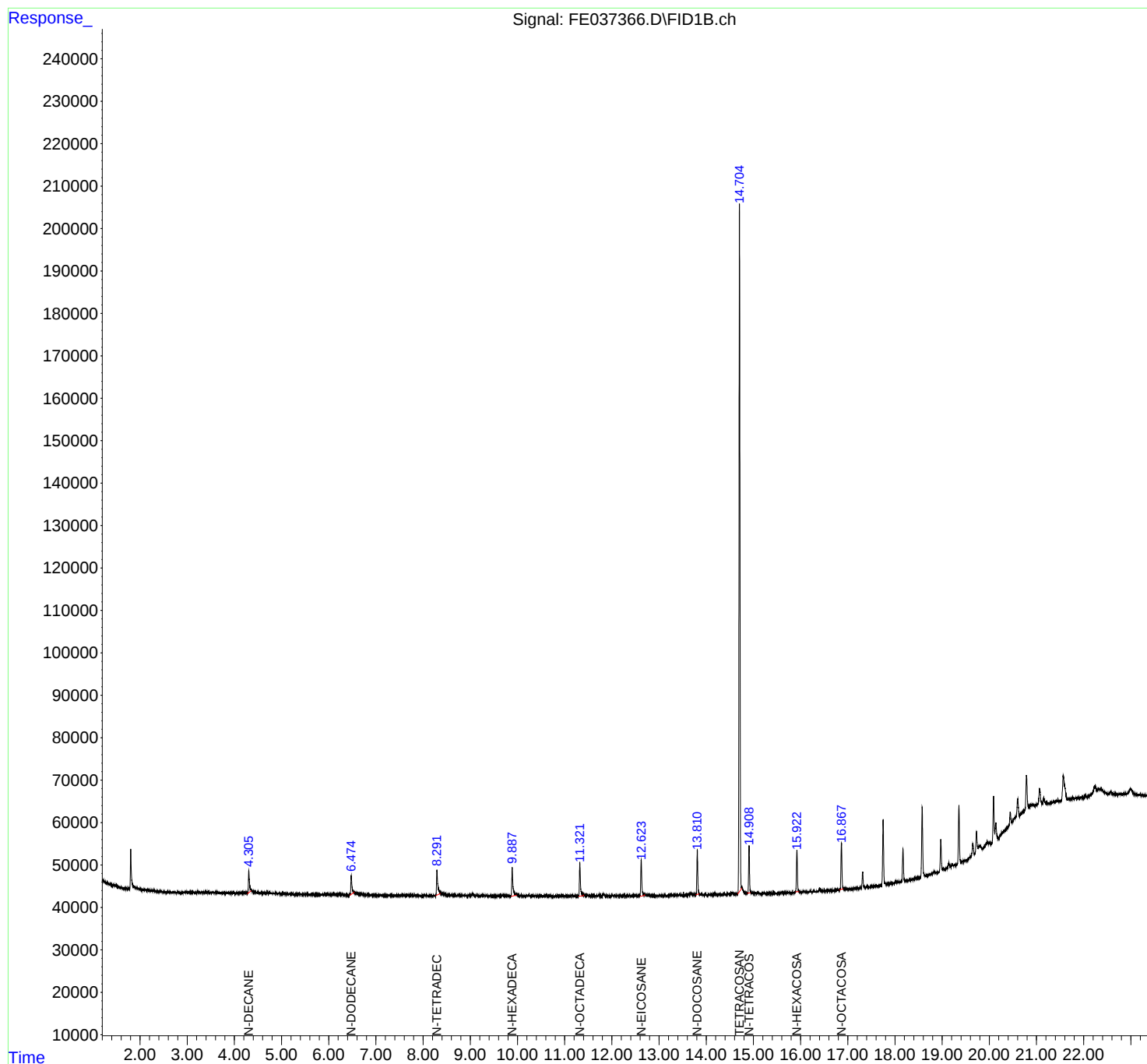
Instrument :
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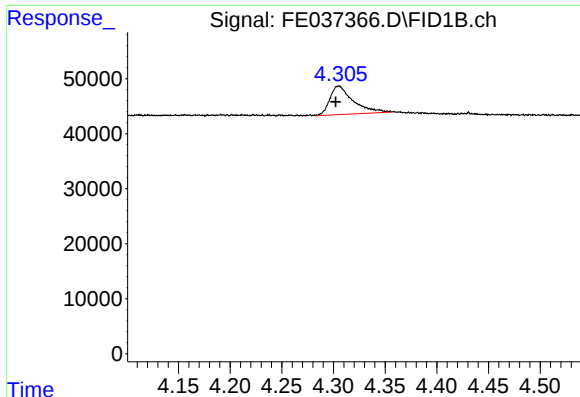
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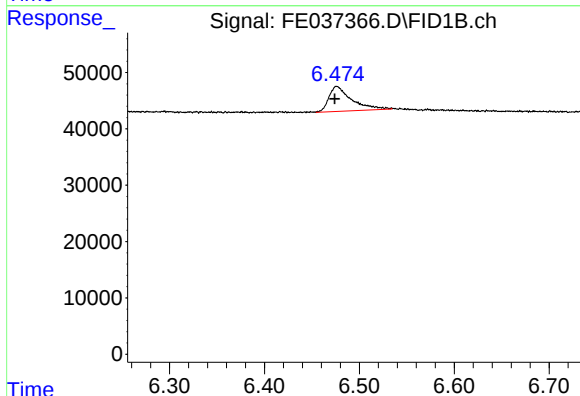
#2 N-DECANE

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 81779
Conc: 0.52 ug/ml

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

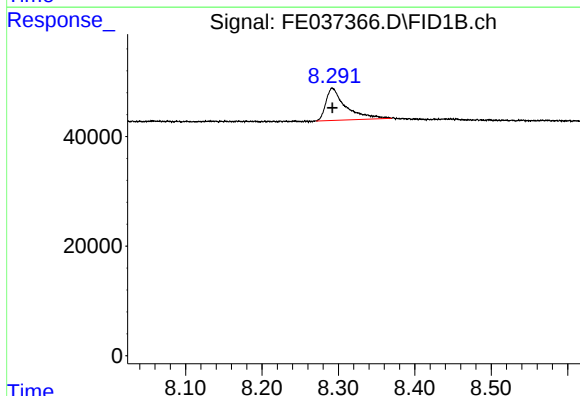
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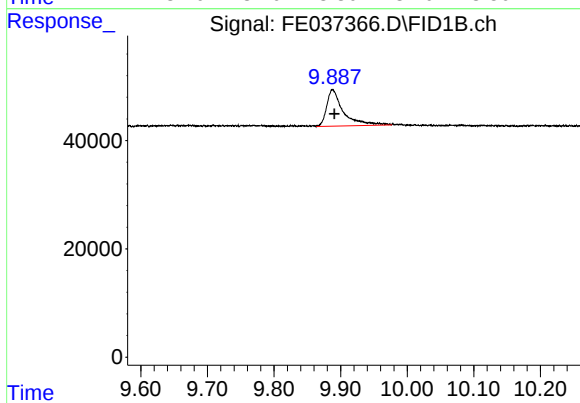
#3 N-DODECANE

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 74211
Conc: 0.46 ug/ml m



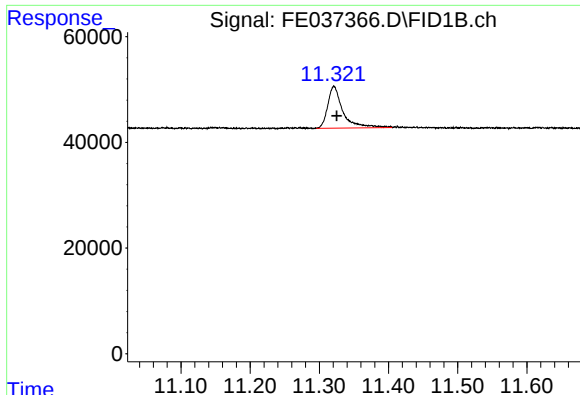
#4 N-TETRADECANE

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 107123
Conc: 0.64 ug/ml m



#5 N-HEXADECANE

R.T.: 9.887 min
Delta R.T.: -0.004 min
Response: 117120
Conc: 0.69 ug/ml m



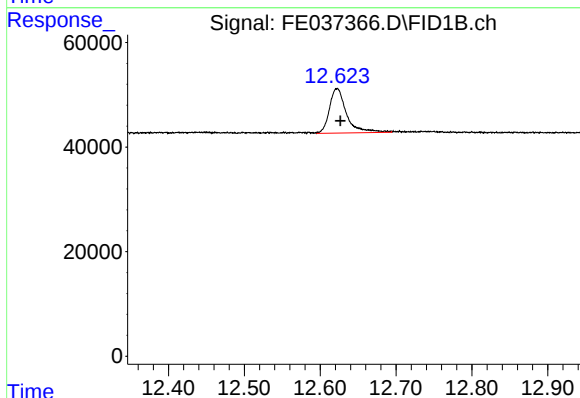
#6 N-OCTADECANE

R.T.: 11.321 min
Delta R.T.: -0.005 min
Response: 121916
Conc: 0.71 ug/ml

Instrument :
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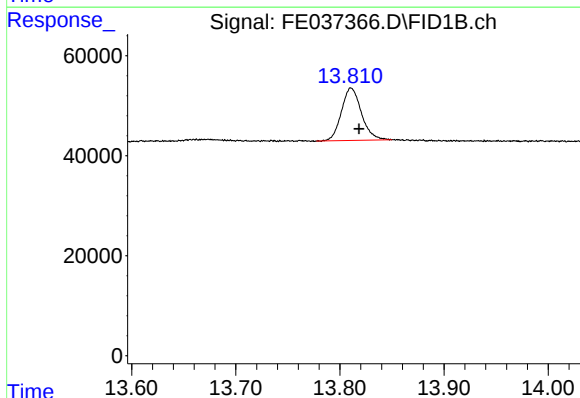
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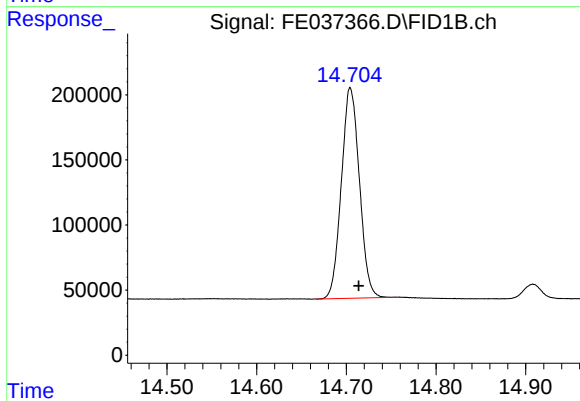
#7 N-EICOSANE

R.T.: 12.623 min
Delta R.T.: -0.004 min
Response: 133464
Conc: 0.78 ug/ml m



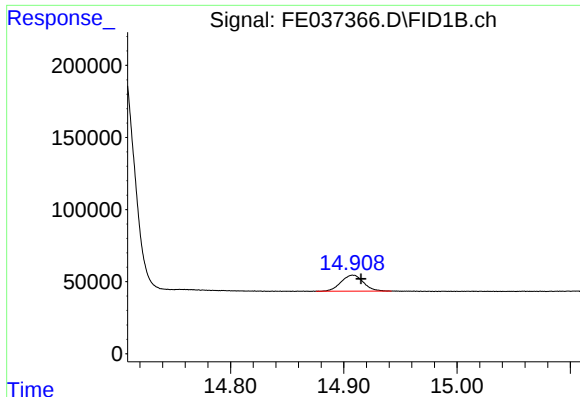
#8 N-DOCOSANE

R.T.: 13.810 min
Delta R.T.: -0.008 min
Response: 139916
Conc: 0.84 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.704 min
Delta R.T.: -0.010 min
Response: 2264563
Conc: 15.81 ug/ml



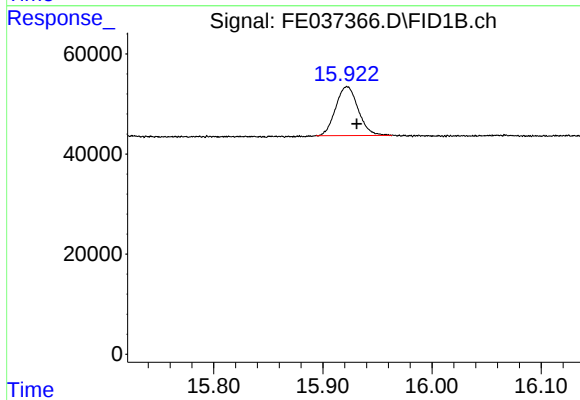
#10 N-TETRACOSANE

R.T.: 14.908 min
Delta R.T.: -0.007 min
Response: 151904
Conc: 0.93 ug/ml

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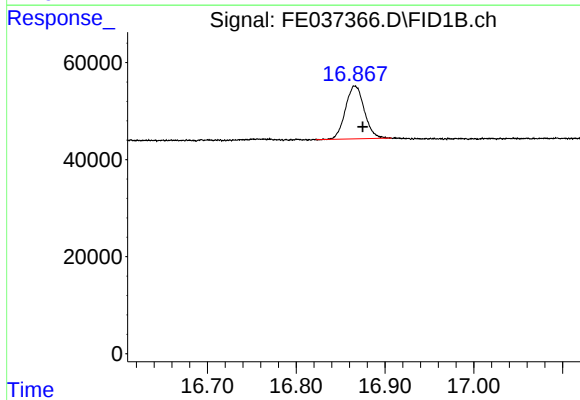
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#11 N-HEXACOSANE

R.T.: 15.922 min
Delta R.T.: -0.009 min
Response: 139944
Conc: 0.88 ug/ml



#12 N-OCTACOSANE

R.T.: 16.865 min
Delta R.T.: -0.010 min
Response: 160477
Conc: 1.04 ug/ml