

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012525\
 Data File : FE052085.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2025 10:00
 Operator : YP\AJ
 Sample : Q1168-09
 Misc : 1 PPB WATER MDL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 27 02:38:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 2025
 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...	15.246	1835655	18.431 ug/ml
Target Compounds			
2) N-DECANE	4.903	87591	0.957 ug/ml
3) N-DODECANE	7.029	92787	0.929 ug/ml
4) N-TETRADECANE	8.832	82995	0.816 ug/mlm
5) N-HEXADECANE	10.427	106041	0.995 ug/ml
6) N-OCTADECANE	11.859	109307	0.975 ug/ml
7) N-EICOSANE	13.160	113505	1.019 ug/ml
8) N-DOCOSANE	14.351	112069	1.009 ug/ml
10) N-TETRACOSANE	15.448	117339	1.061 ug/mlm
11) N-HEXACOSANE	16.465	119403	1.095 ug/ml
12) N-OCTACOSANE	17.411	130639	1.210 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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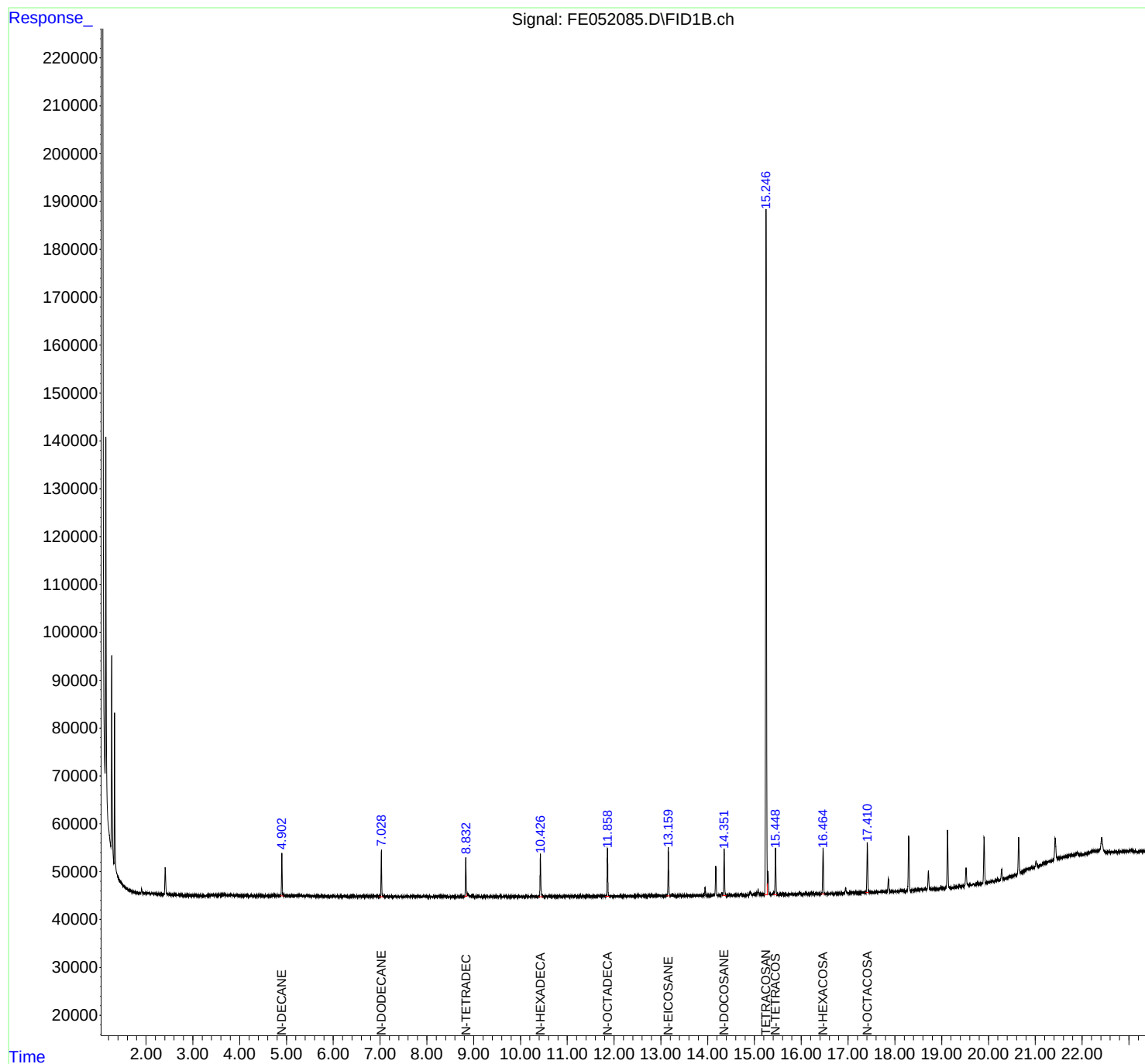
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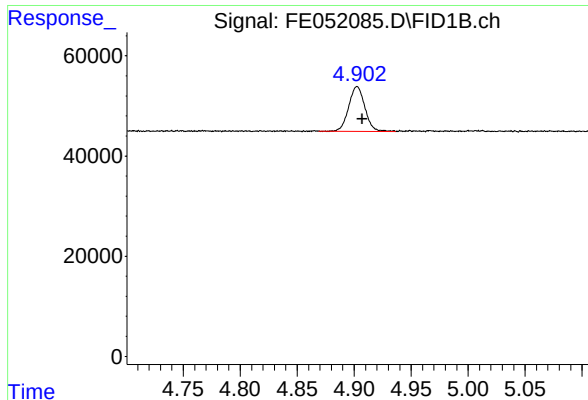
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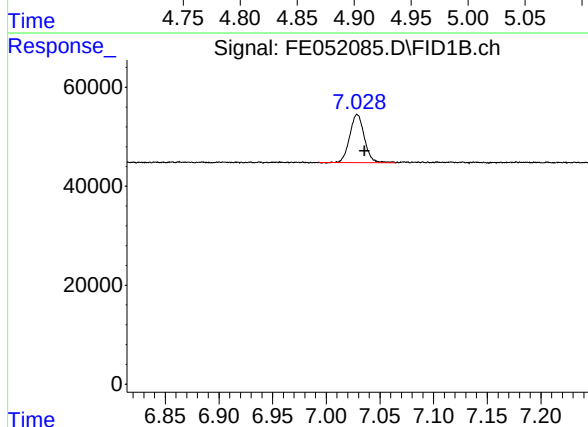
#2 N-DECANE

R.T.: 4.903 min
Delta R.T.: -0.005 min
Response: 87591
Conc: 0.96 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-WATER-03-QT1-2025

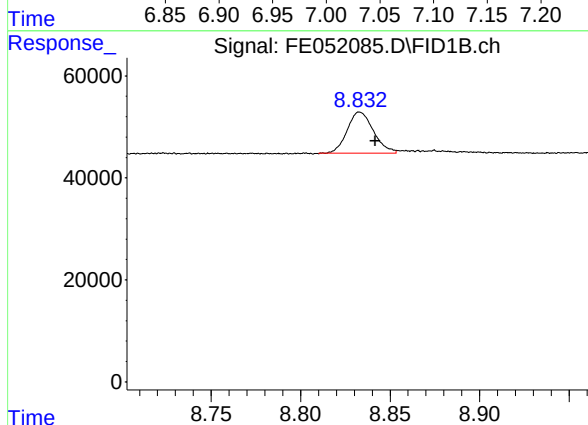
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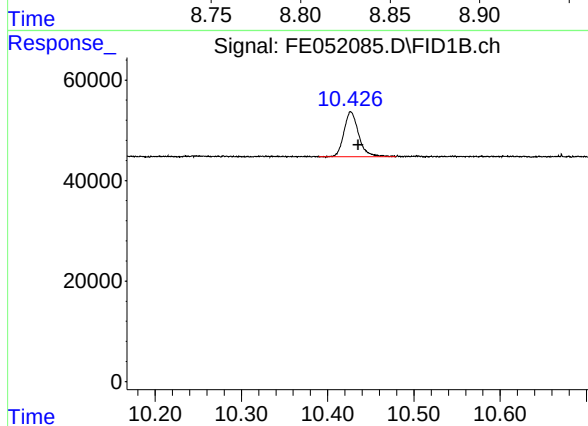
#3 N-DODECANE

R.T.: 7.029 min
Delta R.T.: -0.007 min
Response: 92787
Conc: 0.93 ug/ml



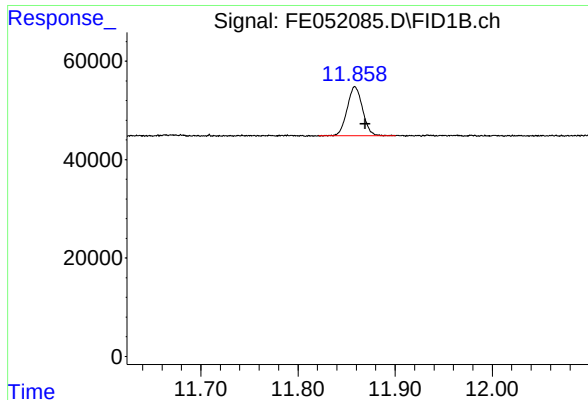
#4 N-TETRADECANE

R.T.: 8.832 min
Delta R.T.: -0.010 min
Response: 82995
Conc: 0.82 ug/ml m



#5 N-HEXADECANE

R.T.: 10.427 min
Delta R.T.: -0.009 min
Response: 106041
Conc: 1.00 ug/ml



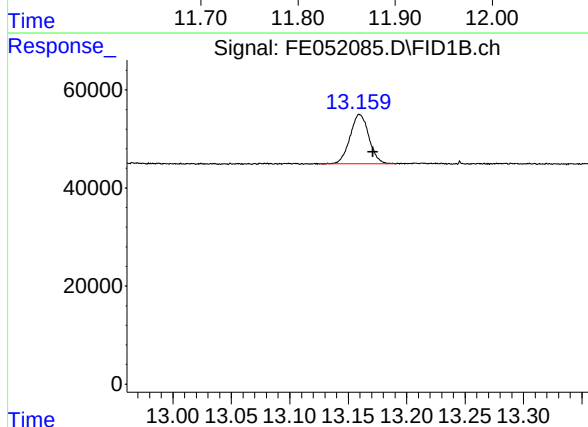
#6 N-OCTADECANE

R.T.: 11.859 min
Delta R.T.: -0.010 min
Response: 109307
Conc: 0.97 ug/ml

Instrument : FID_E
ClientSampleId : MDL-WATER-03-QT1-2025

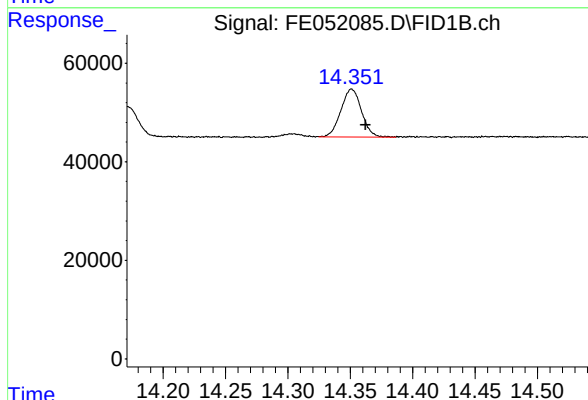
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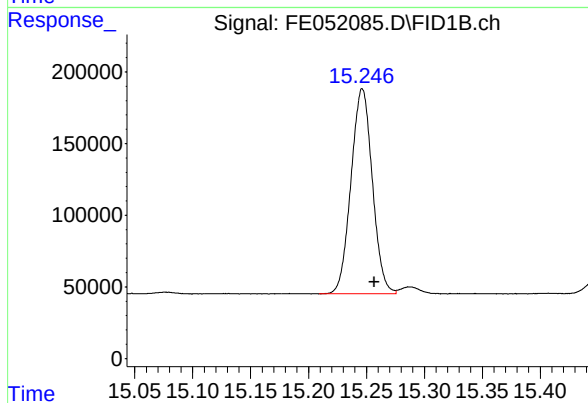
#7 N-EICOSANE

R.T.: 13.160 min
Delta R.T.: -0.011 min
Response: 113505
Conc: 1.02 ug/ml



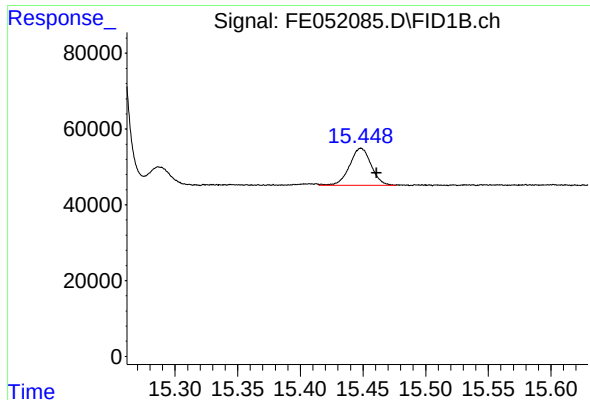
#8 N-DOCOSANE

R.T.: 14.351 min
Delta R.T.: -0.011 min
Response: 112069
Conc: 1.01 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.246 min
Delta R.T.: -0.010 min
Response: 1835655
Conc: 18.43 ug/ml



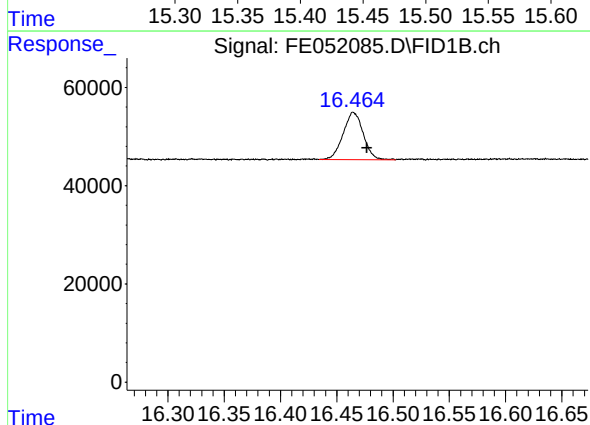
#10 N-TETRACOSANE

R.T.: 15.448 min
Delta R.T.: -0.013 min
Response: 117339
Conc: 1.06 ug/ml

Instrument : FID_E
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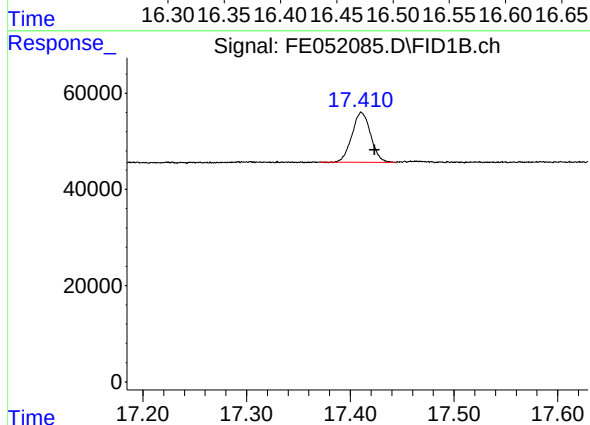
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#11 N-HEXACOSANE

R.T.: 16.465 min
Delta R.T.: -0.012 min
Response: 119403
Conc: 1.10 ug/ml



#12 N-OCTACOSANE

R.T.: 17.411 min
Delta R.T.: -0.013 min
Response: 130639
Conc: 1.21 ug/ml