Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101719\
Data File : PR042296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2019 14:00
Operator : SM\AJ
Sample : K5111-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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10/18/2019 5:44:59 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:48:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 17 06:40:58 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.724	3.984	90852238	347.7E6	19.077	20.420
2)	SA Decachlor...	10.650	9.096	71080069	212.2E6	20.330	20.903
	Target Compounds						
3)	L1 AR-1016-1	5.903	5.082	4764793	16719956	30.484m	31.351m
4)	L1 AR-1016-2	5.924	5.102	5913095	20980730	26.566m	28.546m
5)	L1 AR-1016-3	5.989	5.279	3832432	9860147	29.011	30.376m
6)	L1 AR-1016-4	6.090	5.320	3212844	7999824	29.686	30.631m
7)	L1 AR-1016-5	6.384	5.536	3018674	10117430	27.906m	34.136m
31)	L7 AR-1260-1	7.511	6.576	6689797	17232185	32.161	29.792m
32)	L7 AR-1260-2	7.766	6.761	7274801	24990516	29.627	31.658m
33)	L7 AR-1260-3	8.127	6.919	5122861	20269294	27.456	29.804m
34)	L7 AR-1260-4	8.367	7.391	6342062	15639764	30.106m	28.544
35)	L7 AR-1260-5	8.705	7.630	11673344	40502026	27.784	27.487m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101719\
Data File : PR042296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2019 14:00
Operator : SM\AJ
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Misc : AR1660 LOD 25 PPB
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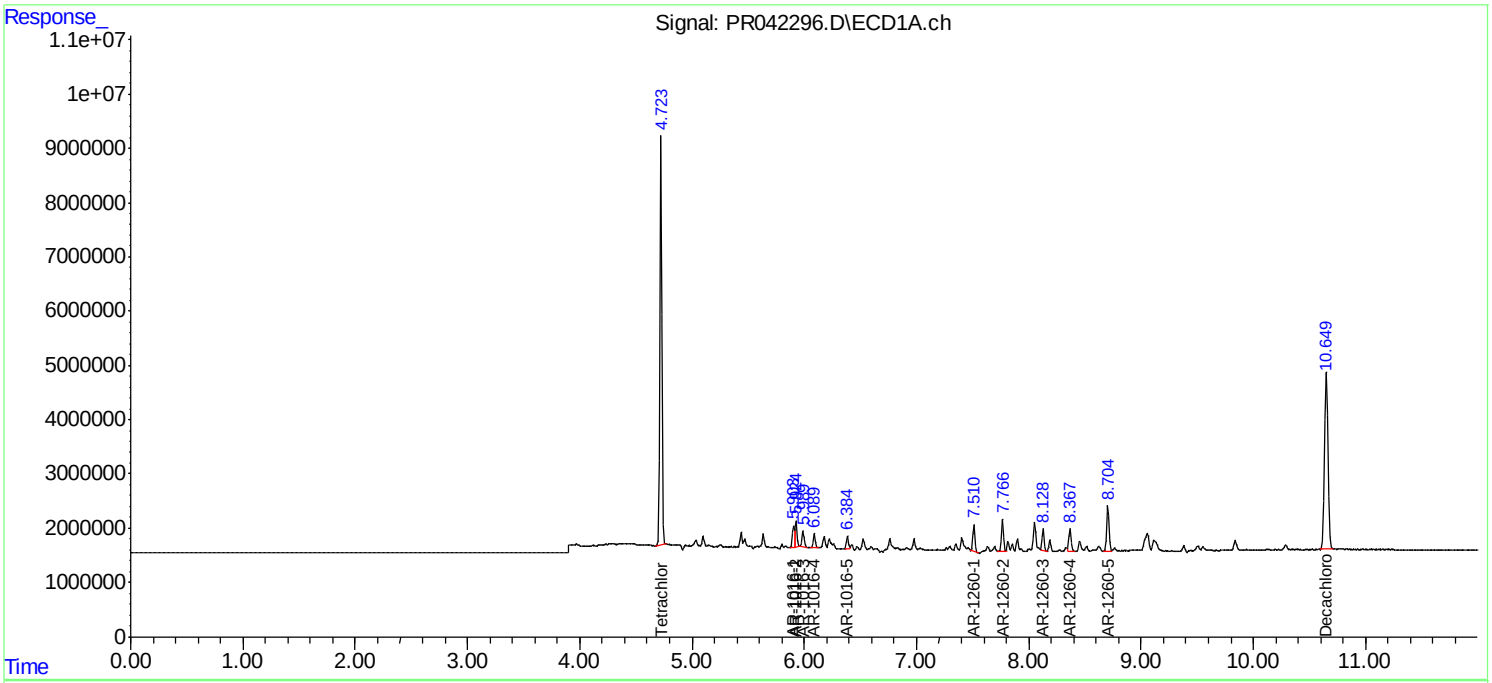
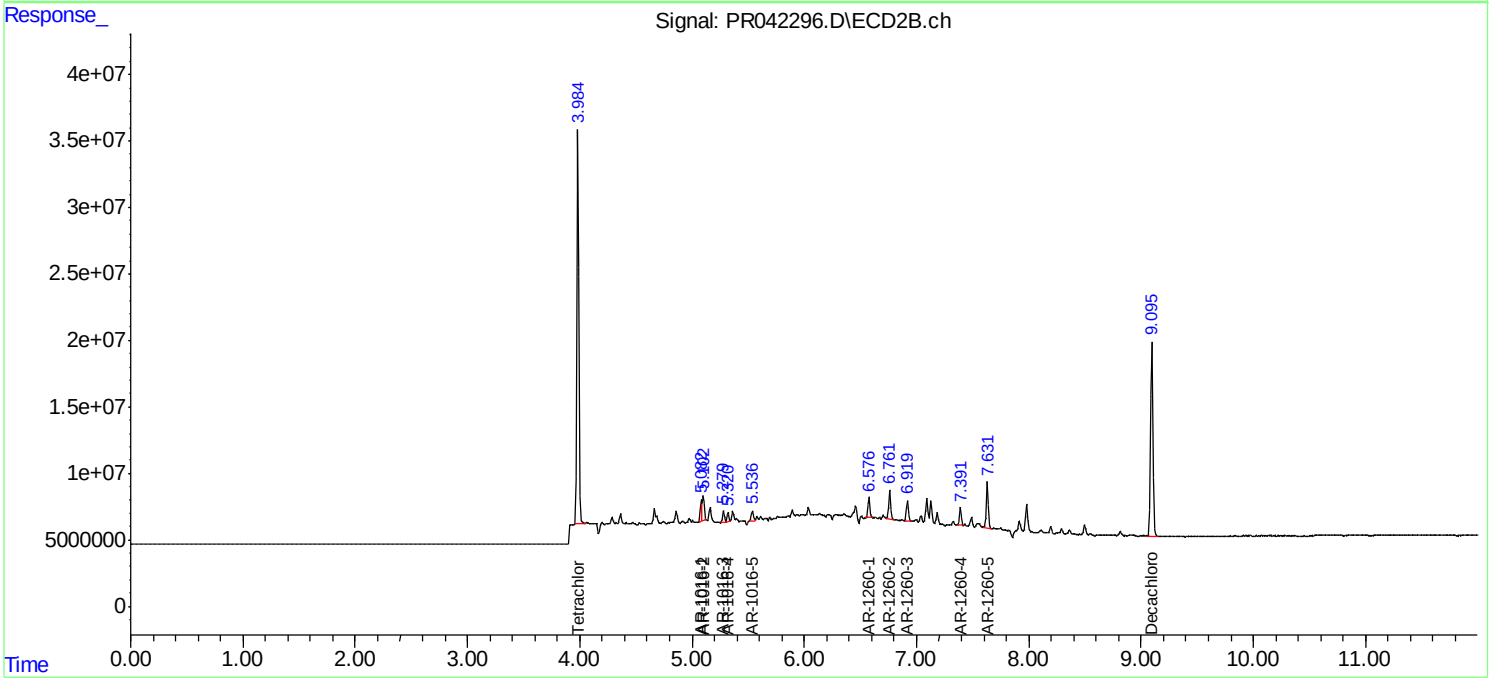
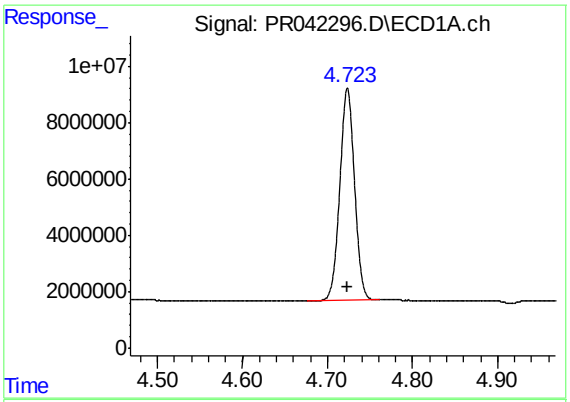
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







#1 Tetrachloro-m-xylene

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 90852238
Conc: 19.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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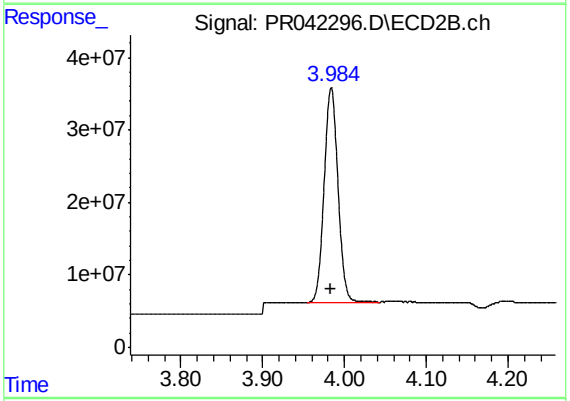
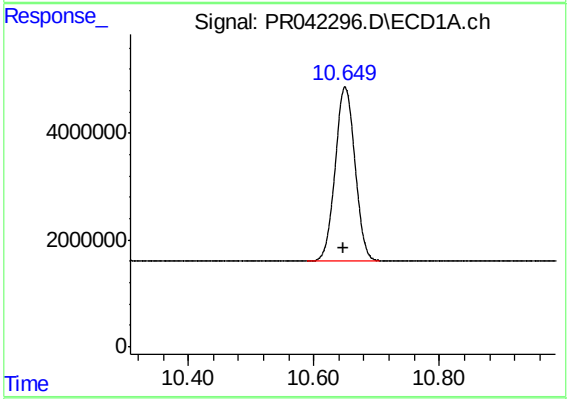


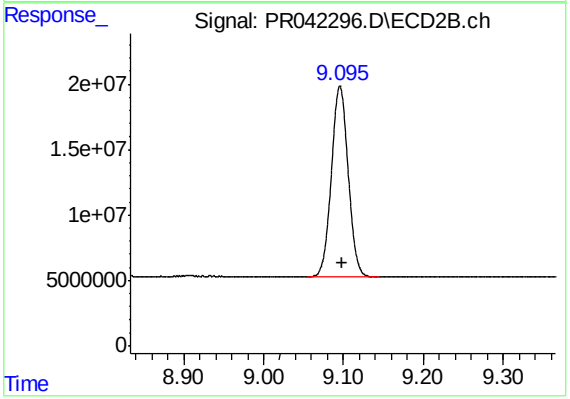
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 347671939
Conc: 20.42 ng/ml



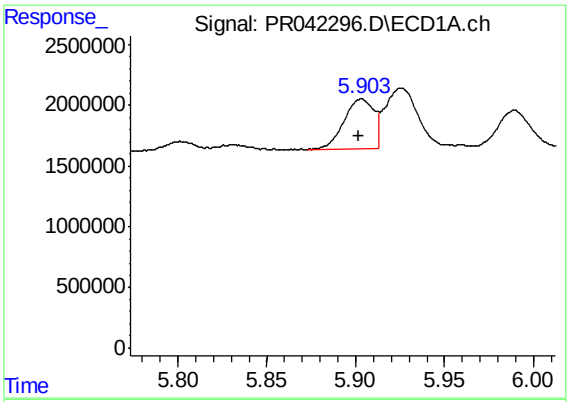
#2 Decachlorobiphenyl

R.T.: 10.650 min
Delta R.T.: 0.002 min
Response: 71080069
Conc: 20.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: -0.002 min
Response: 212181149
Conc: 20.90 ng/ml



#3 AR-1016-1

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 4764793
Conc: 30.48 ng/ml m

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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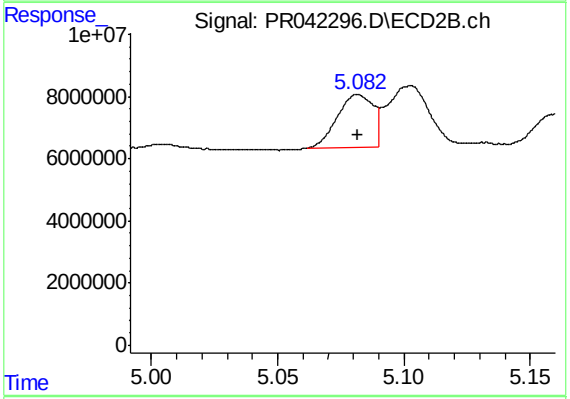
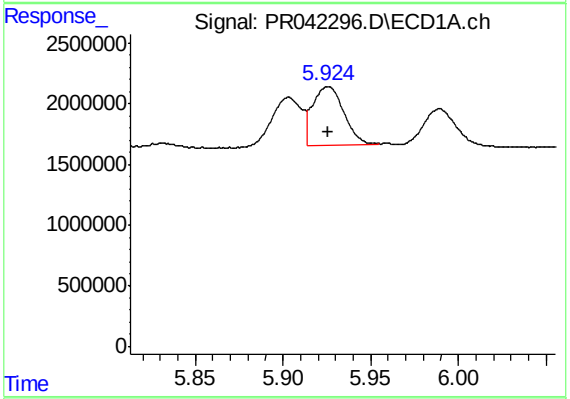


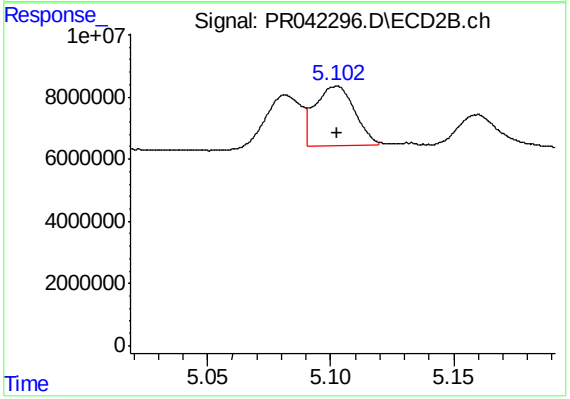
#3 AR-1016-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 16719956
Conc: 31.35 ng/ml m



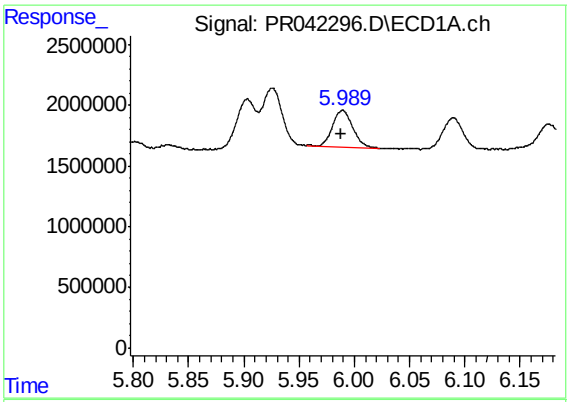
#4 AR-1016-2

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 5913095
Conc: 26.57 ng/ml m



#4 AR-1016-2

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 20980730
Conc: 28.55 ng/ml m



#5 AR-1016-3

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 3832432
Conc: 29.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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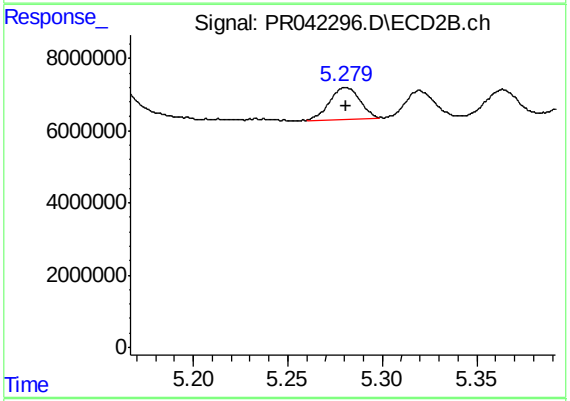
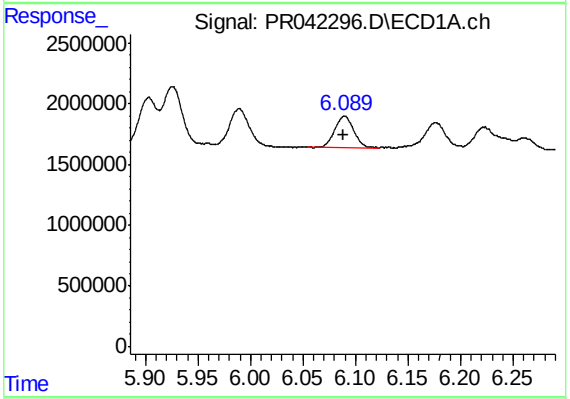


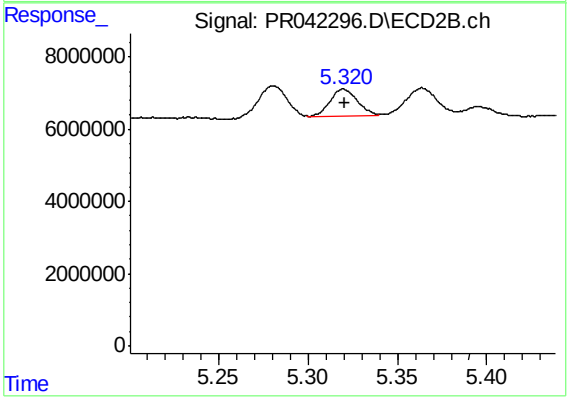
#5 AR-1016-3

R.T.: 5.279 min
Delta R.T.: -0.001 min
Response: 9860147
Conc: 30.38 ng/ml m



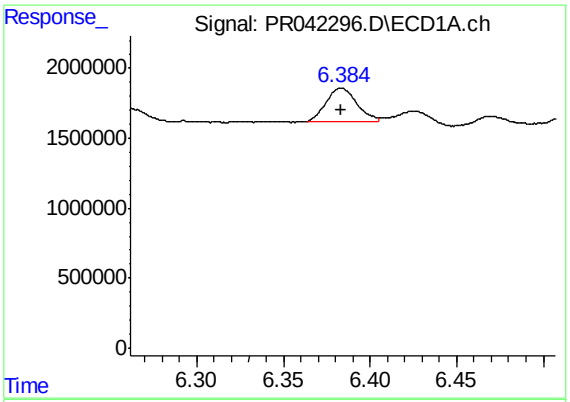
#6 AR-1016-4

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 3212844
Conc: 29.69 ng/ml



#6 AR-1016-4

R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 7999824
Conc: 30.63 ng/ml m



#7 AR-1016-5

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 3018674
Conc: 27.91 ng/ml m

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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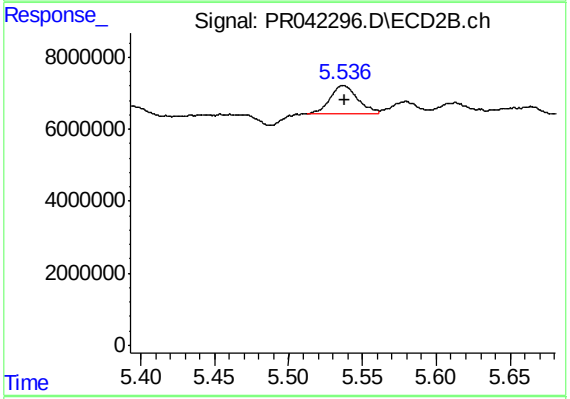
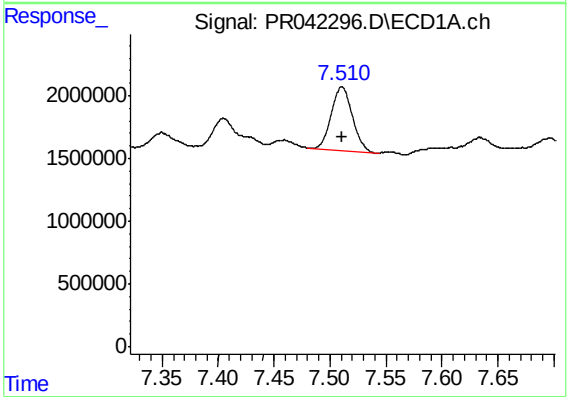


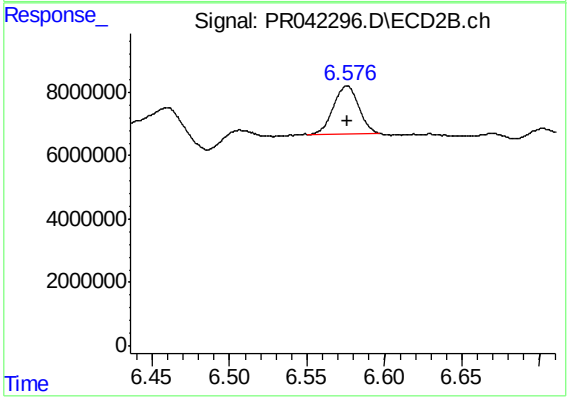
#7 AR-1016-5

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 10117430
Conc: 34.14 ng/ml m



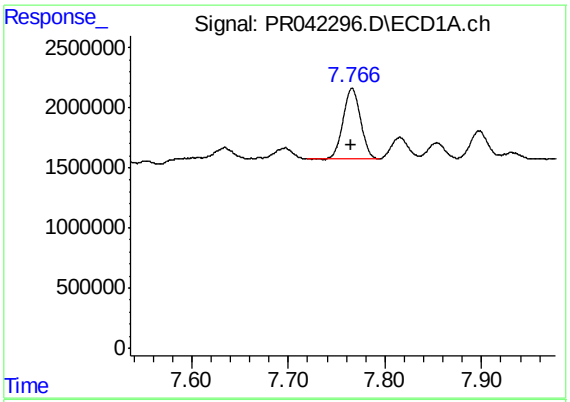
#31 AR-1260-1

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 6689797
Conc: 32.16 ng/ml



#31 AR-1260-1

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 17232185
Conc: 29.79 ng/ml m



#32 AR-1260-2

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 7274801
Conc: 29.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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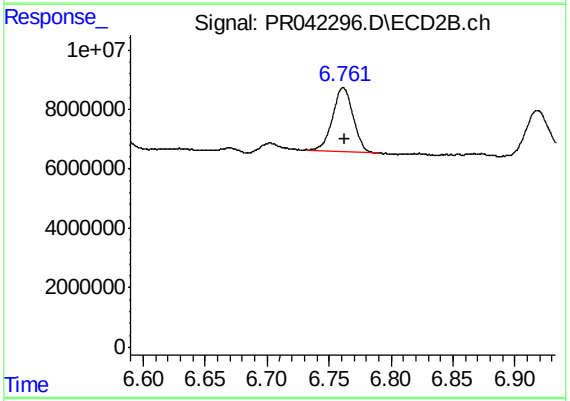
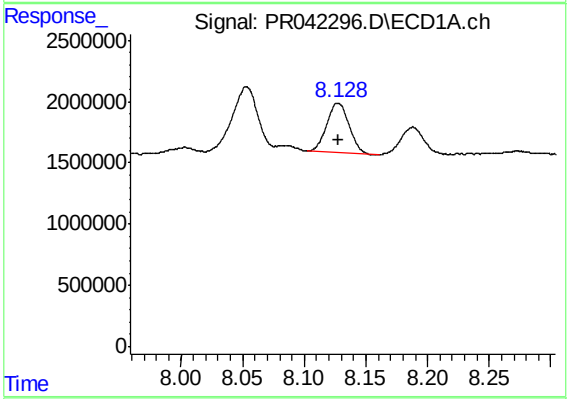


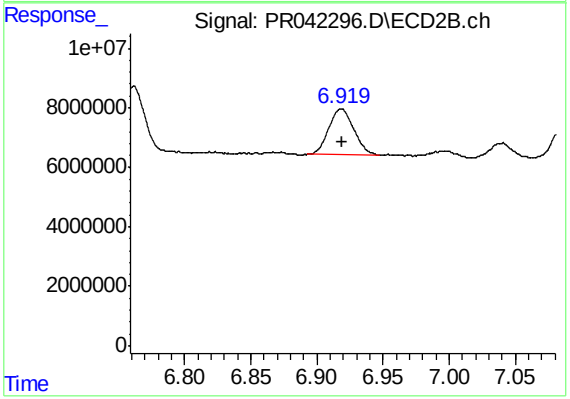
#32 AR-1260-2

R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 24990516
Conc: 31.66 ng/ml m



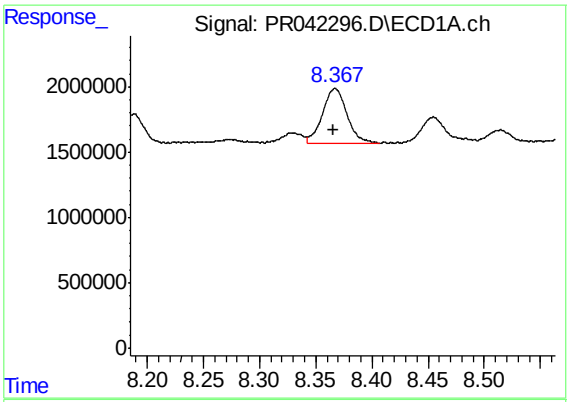
#33 AR-1260-3

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 5122861
Conc: 27.46 ng/ml



#33 AR-1260-3

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 20269294
Conc: 29.80 ng/ml m



#34 AR-1260-4

R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 6342062
Conc: 30.11 ng/ml m

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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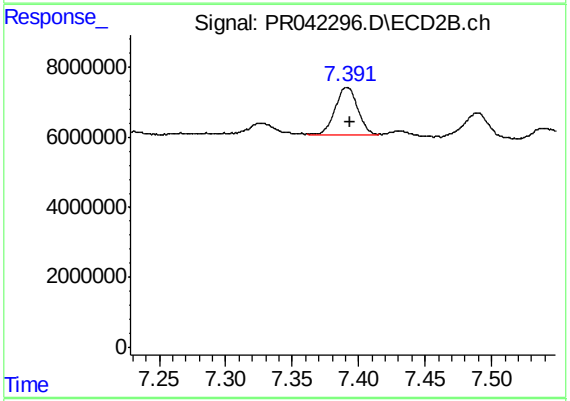
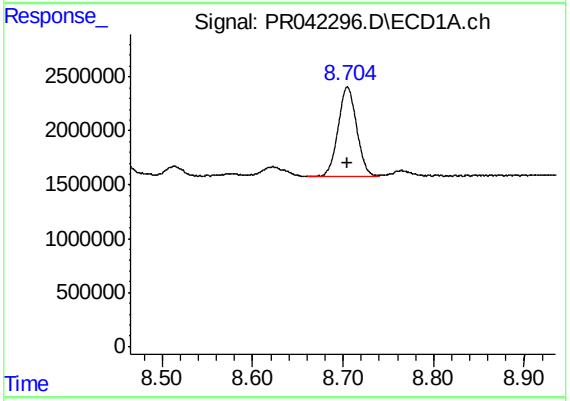


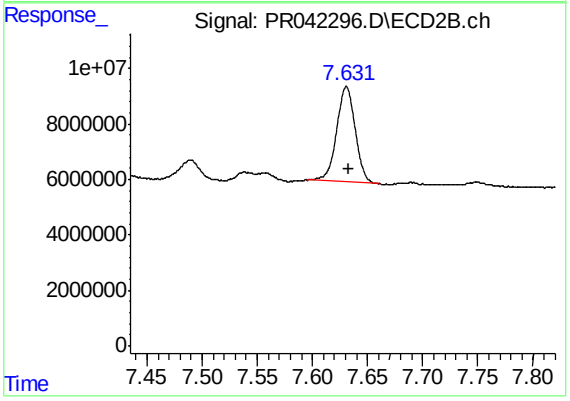
#34 AR-1260-4

R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 15639764
Conc: 28.54 ng/ml



#35 AR-1260-5

R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 11673344
Conc: 27.78 ng/ml



#35 AR-1260-5

R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 40502026
Conc: 27.49 ng/ml m