Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021025\
Data File : PR070302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2025 04:23
Operator : AJ\MA
Sample : Q1168-08
Misc : AR1660 LOQ 50 PPB
ALS Vial : 60 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT1-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 05:03:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021025.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Feb 10 14:13:17 2025
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...	3.624	2.956	18129503	92797038	16.055	15.914
2) SA	Decachlor...	9.509	8.223	13160887	73893233	18.410	18.047
	Target Compounds						
3) L1	AR-1016-1	4.844	4.073	1200704	6538129	40.454	41.450
4) L1	AR-1016-2	4.865	4.091	1907445	9467262	40.014	39.741
5) L1	AR-1016-3	4.929	4.270	1237184	4920441	40.265	39.205
6) L1	AR-1016-4	5.032	4.322	962907	4405972	39.604	40.091
7) L1	AR-1016-5	5.346	4.540	1010580	5363560	42.182	39.320
31) L7	AR-1260-1	6.558	5.634	1980255	9198745	45.709	41.805
32) L7	AR-1260-2	6.842	5.841	2070311	10366144	45.782	42.098
33) L7	AR-1260-3	7.231	5.999	1713151	10013939	45.965	42.018
34) L7	AR-1260-4	7.475	6.505	1714748	8016786	43.050	40.697
35) L7	AR-1260-5	7.815	6.772	2712347	16471573	42.178	40.032

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

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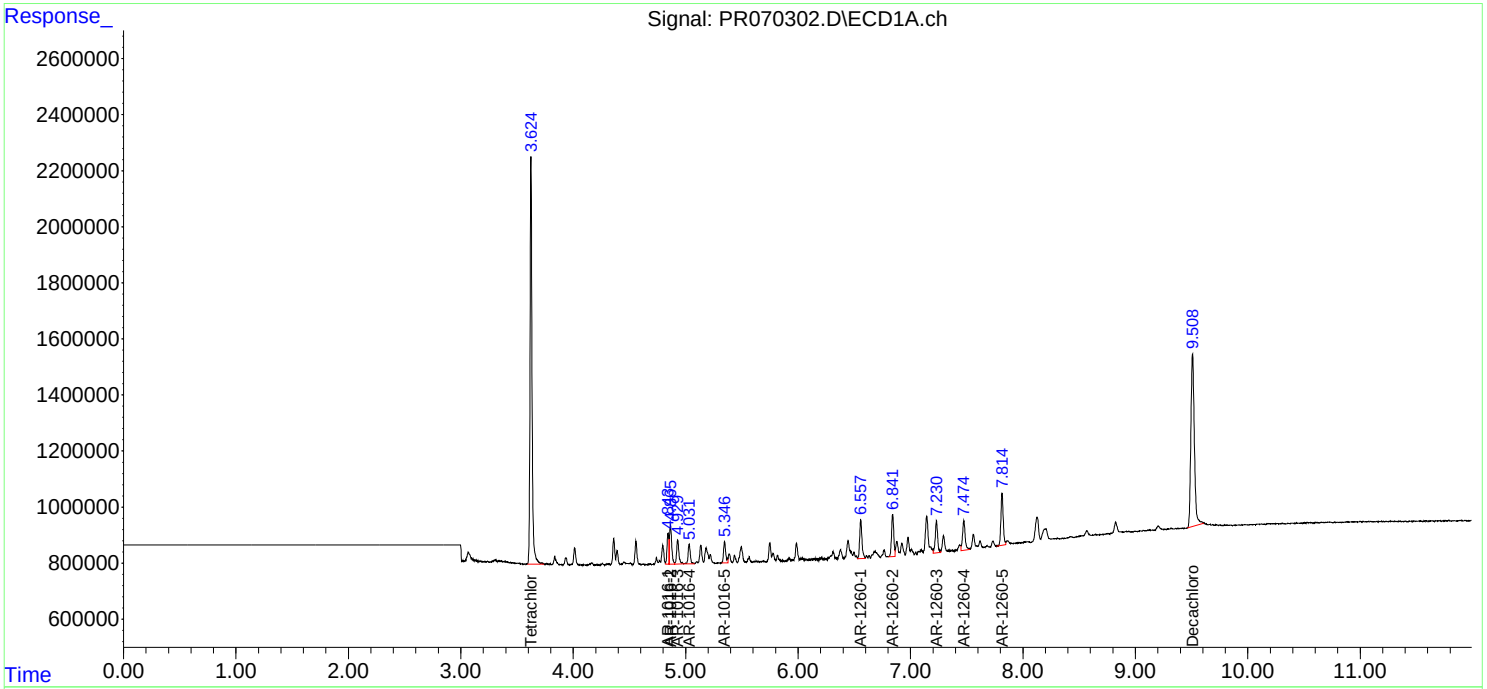
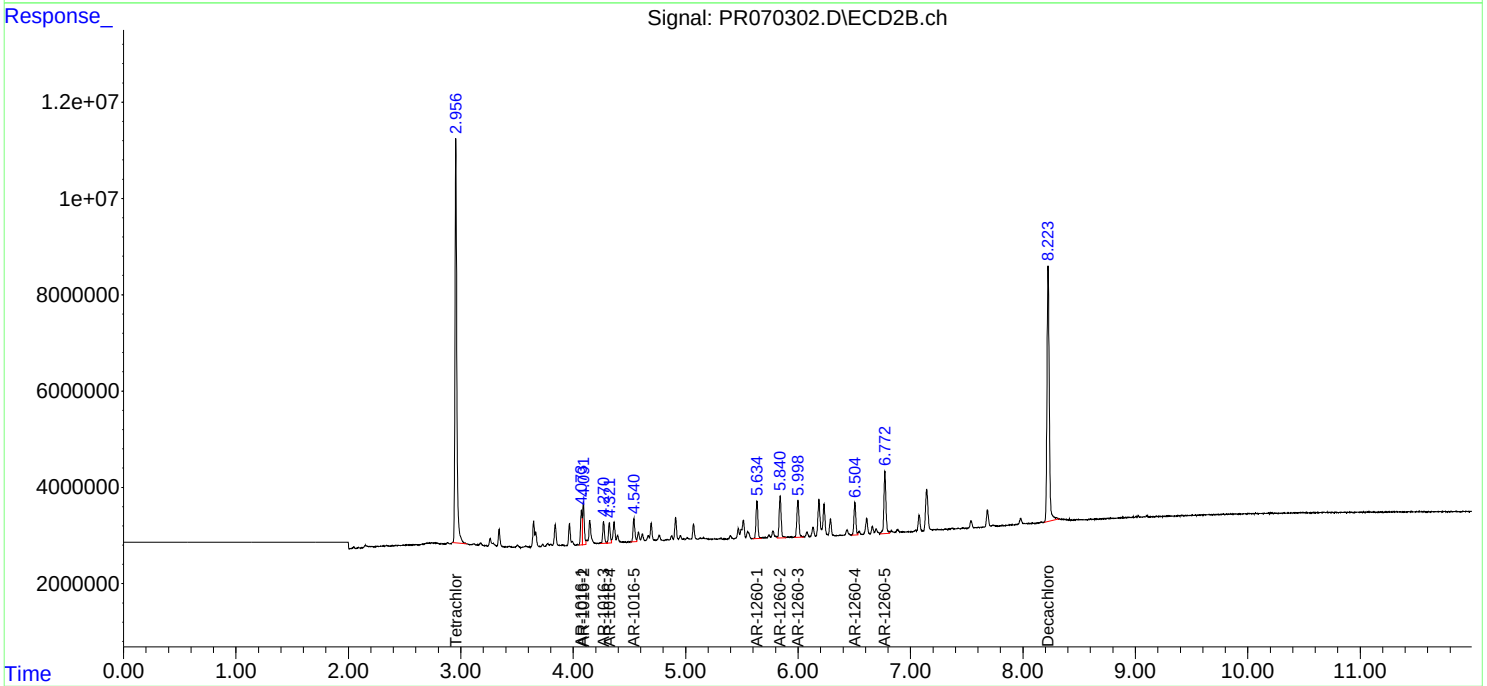
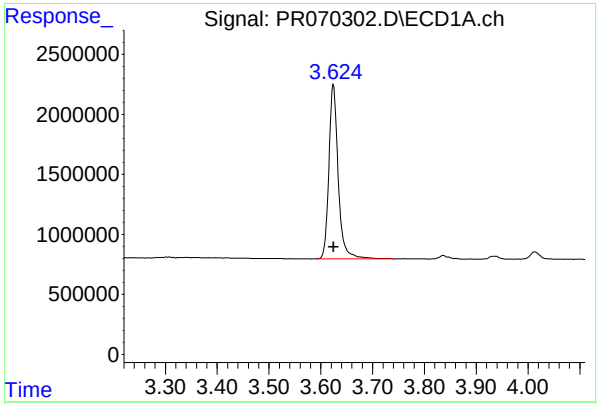
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



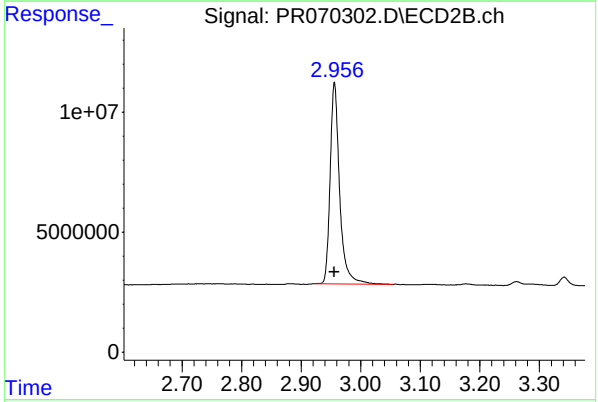




#1 Tetrachloro-m-xylene

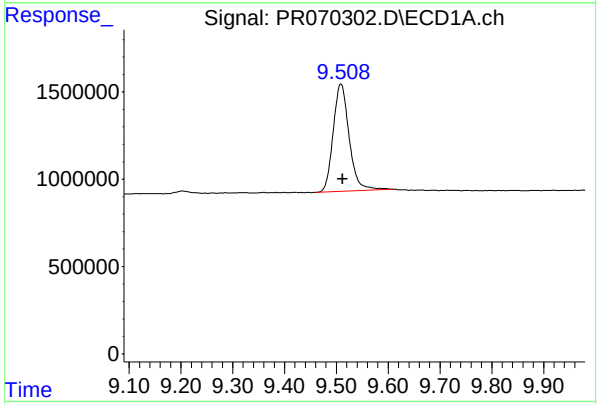
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 18129503
Conc: 16.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT1-2025



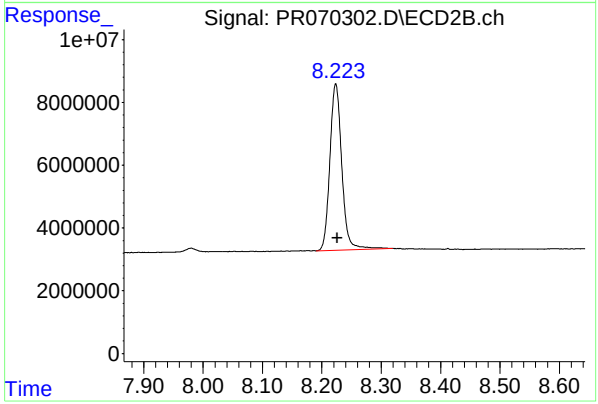
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 92797038
Conc: 15.91 ng/ml



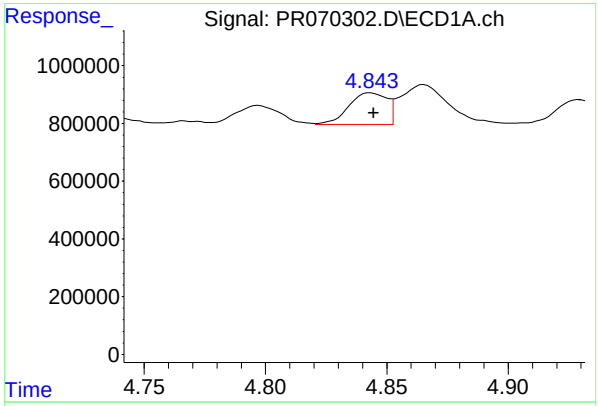
#2 Decachlorobiphenyl

R.T.: 9.509 min
Delta R.T.: -0.003 min
Response: 13160887
Conc: 18.41 ng/ml



#2 Decachlorobiphenyl

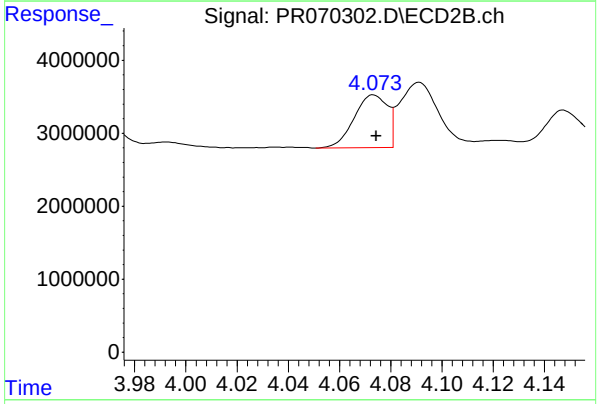
R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 73893233
Conc: 18.05 ng/ml



#3 AR-1016-1

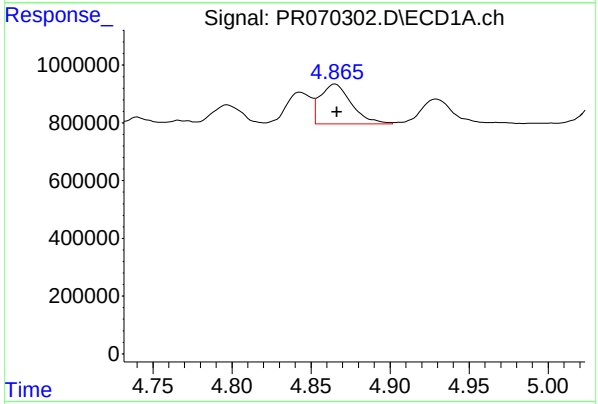
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 1200704
Conc: 40.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT1-2025



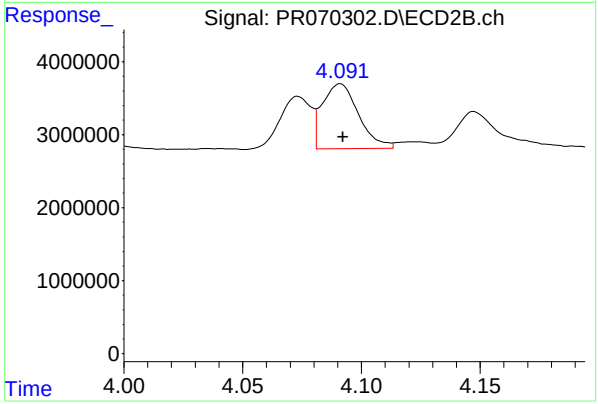
#3 AR-1016-1

R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 6538129
Conc: 41.45 ng/ml



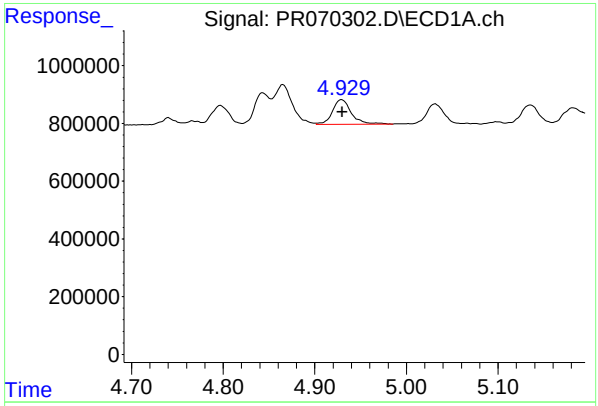
#4 AR-1016-2

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 1907445
Conc: 40.01 ng/ml



#4 AR-1016-2

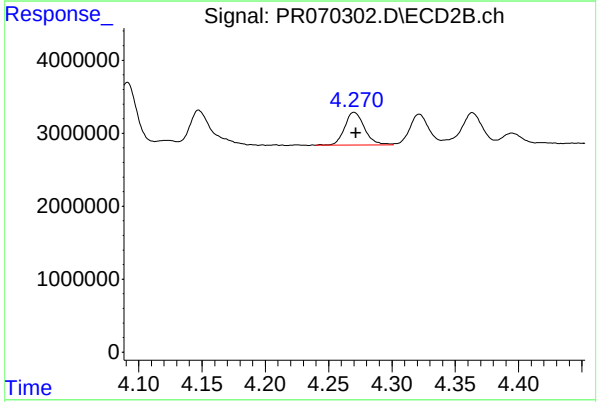
R.T.: 4.091 min
Delta R.T.: -0.001 min
Response: 9467262
Conc: 39.74 ng/ml



#5 AR-1016-3

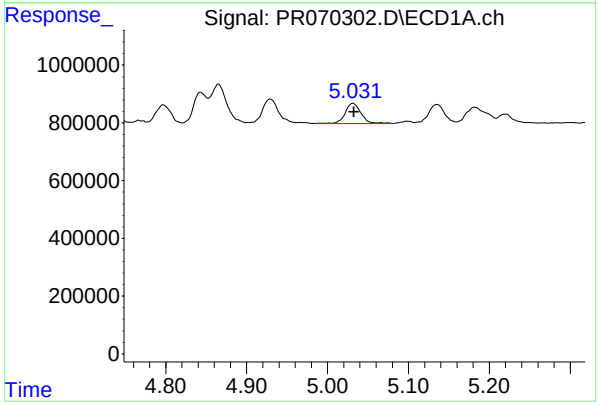
R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 1237184
Conc: 40.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT1-2025



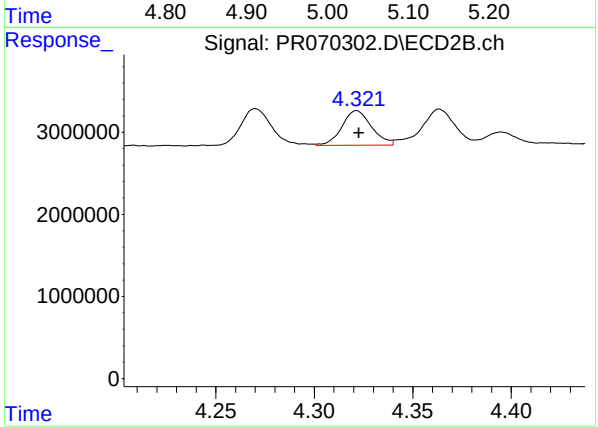
#5 AR-1016-3

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 4920441
Conc: 39.21 ng/ml



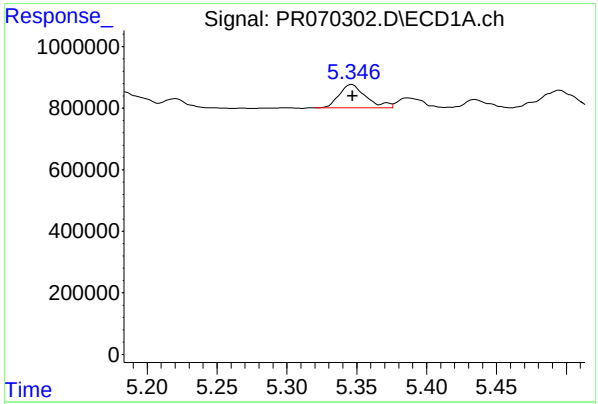
#6 AR-1016-4

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 962907
Conc: 39.60 ng/ml



#6 AR-1016-4

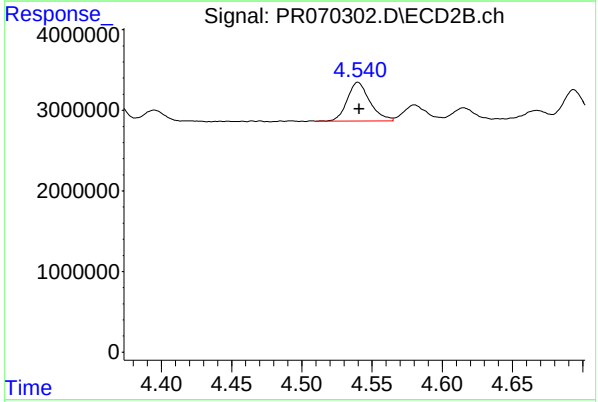
R.T.: 4.322 min
Delta R.T.: -0.001 min
Response: 4405972
Conc: 40.09 ng/ml



#7 AR-1016-5

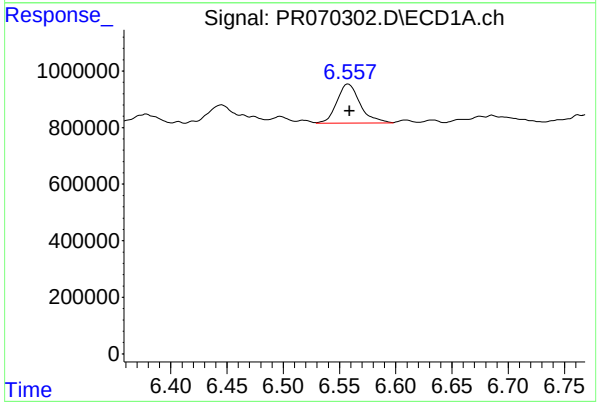
R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 1010580
Conc: 42.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT1-2025



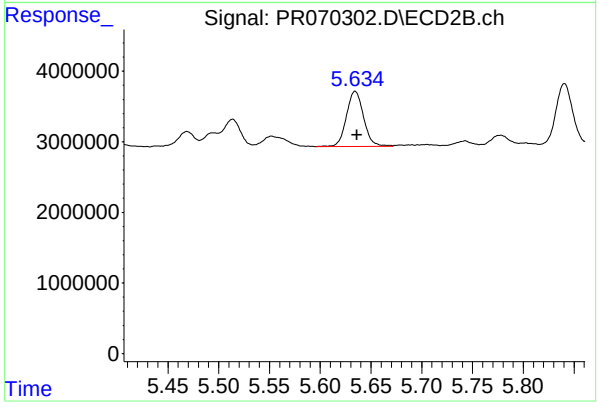
#7 AR-1016-5

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 5363560
Conc: 39.32 ng/ml



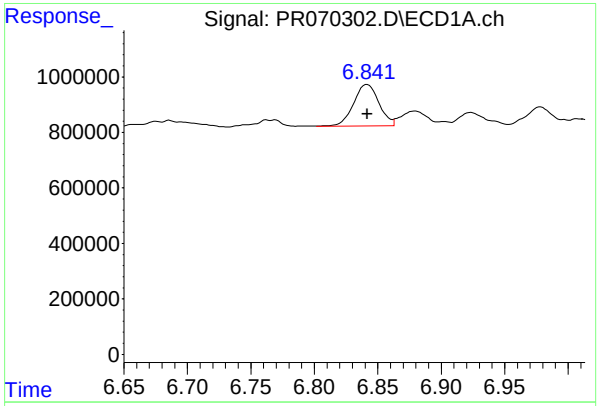
#31 AR-1260-1

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 1980255
Conc: 45.71 ng/ml



#31 AR-1260-1

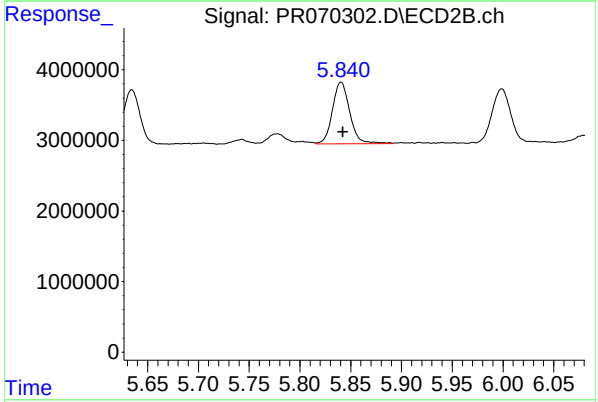
R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 9198745
Conc: 41.81 ng/ml



#32 AR-1260-2

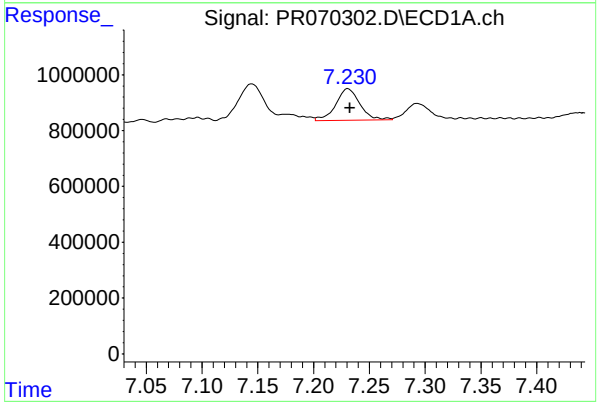
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 2070311
Conc: 45.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT1-2025



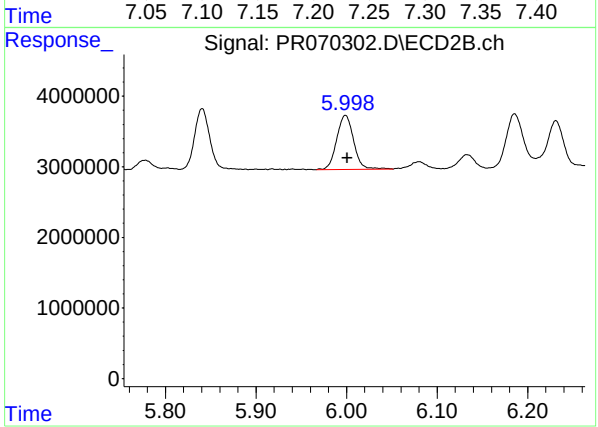
#32 AR-1260-2

R.T.: 5.841 min
Delta R.T.: -0.002 min
Response: 10366144
Conc: 42.10 ng/ml



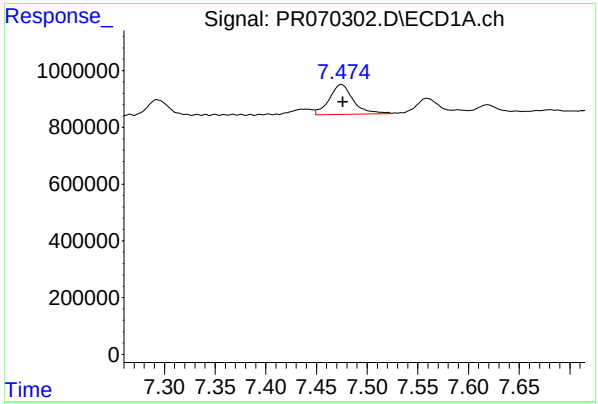
#33 AR-1260-3

R.T.: 7.231 min
Delta R.T.: -0.002 min
Response: 1713151
Conc: 45.97 ng/ml



#33 AR-1260-3

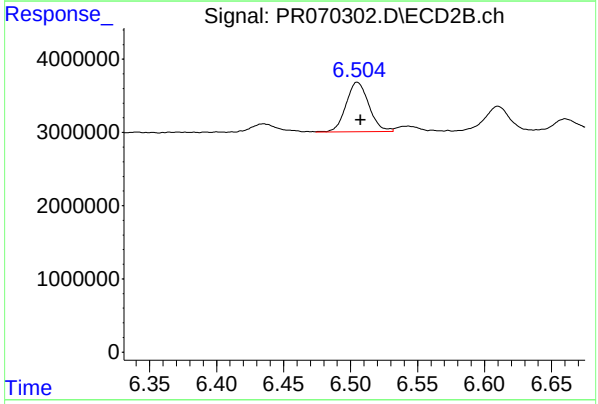
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 10013939
Conc: 42.02 ng/ml



#34 AR-1260-4

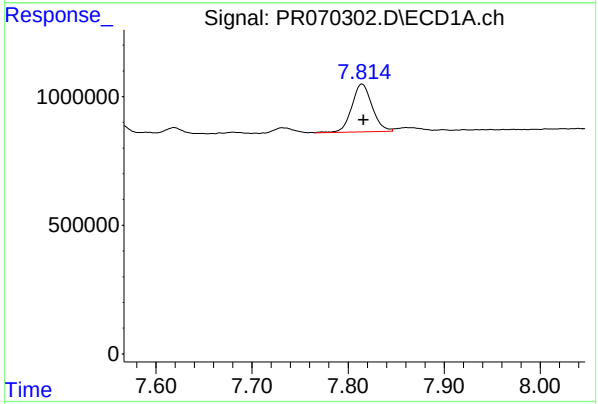
R.T.: 7.475 min
Delta R.T.: -0.001 min
Response: 1714748
Conc: 43.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-WATER-02-QT1-2025



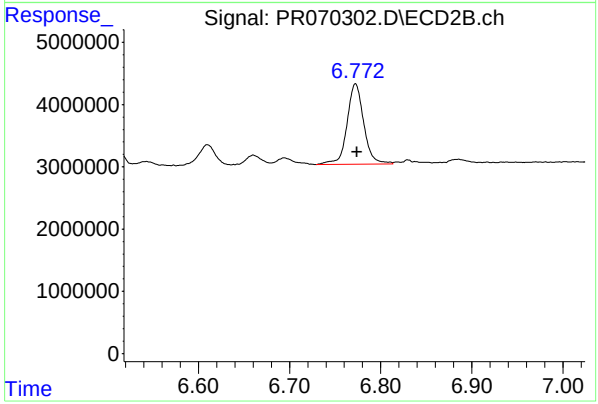
#34 AR-1260-4

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 8016786
Conc: 40.70 ng/ml



#35 AR-1260-5

R.T.: 7.815 min
Delta R.T.: -0.002 min
Response: 2712347
Conc: 42.18 ng/ml



#35 AR-1260-5

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 16471573
Conc: 40.03 ng/ml