Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101719\
Data File : PR042299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2019 14:44
Operator : SM\AJ
Sample : K5111-07
Misc : AR1242 LOD 25 PPB
ALS Vial : 16 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 15:52:22 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...	4.723	3.983	89520867	341.6E6	18.798	20.063	
2)	SA Decachlor...	10.649	9.095	65913144	196.3E6	18.852	19.336	
	Target Compounds							
3)	L1 AR-1016-1	5.902	5.082	3570714	12687201	22.844	23.789	
4)	L1 AR-1016-2	5.925	5.102	4850832	16382548	21.793	22.290	
5)	L1 AR-1016-3	5.925	5.280	4850832	6993697	36.720	21.546	#
6)	L1 AR-1016-4	0.000	5.320	0	5918936	N.D.	22.663	#
7)	L1 AR-1016-5	0.000	5.536	0	8500285	N.D.	28.680	#
9)	L2 AR-1221-2	0.000	4.289	0	6258897	N.D.	49.508	#
10)	L2 AR-1221-3	0.000	4.361	0	7145982	N.D.	17.754	#
11)	L3 AR-1232-1	0.000	4.361	0	7145982	N.D.	12.305	#
12)	L3 AR-1232-2	0.000	5.102	0	16382548	N.D.	29.104	#
13)	L3 AR-1232-3	5.925	5.280	4850832	6993697	28.951	27.651	
14)	L3 AR-1232-4	0.000	5.363	0	6219244	N.D.	29.514	#
15)	L3 AR-1232-5	0.000	5.536	0	8500285	N.D.	40.525	#
16)	L4 AR-1242-1	5.902	5.082	3570714	12687201	30.451	30.807	
17)	L4 AR-1242-2	5.925	5.102	4850832	16382548	28.751	29.422	
18)	L4 AR-1242-3	5.925	5.280	4850832	6993697	48.260	26.468	#
19)	L4 AR-1242-4	0.000	5.363	0	6219244	N.D.	25.784	#
20)	L4 AR-1242-5	6.826	5.891	3376909	8289016	35.241	31.163	
21)	L5 AR-1248-1	5.902	5.082	3570714	12687201	38.579	38.527	
22)	L5 AR-1248-2	0.000	5.320	0	5918936	N.D.	16.882	#
23)	L5 AR-1248-3	0.000	5.363	0	6219244	N.D.	17.715	#
24)	L5 AR-1248-4	6.787	5.536	3675049	8500285	21.601	22.368	
25)	L5 AR-1248-5	6.826	5.932	3376909	8464265	21.030	22.737	
26)	L6 AR-1254-1	6.759	5.891	4863327	8289016	27.074	14.420	#
31)	L7 AR-1260-1	0.000	6.591	0	17162218	N.D.	29.671	#

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

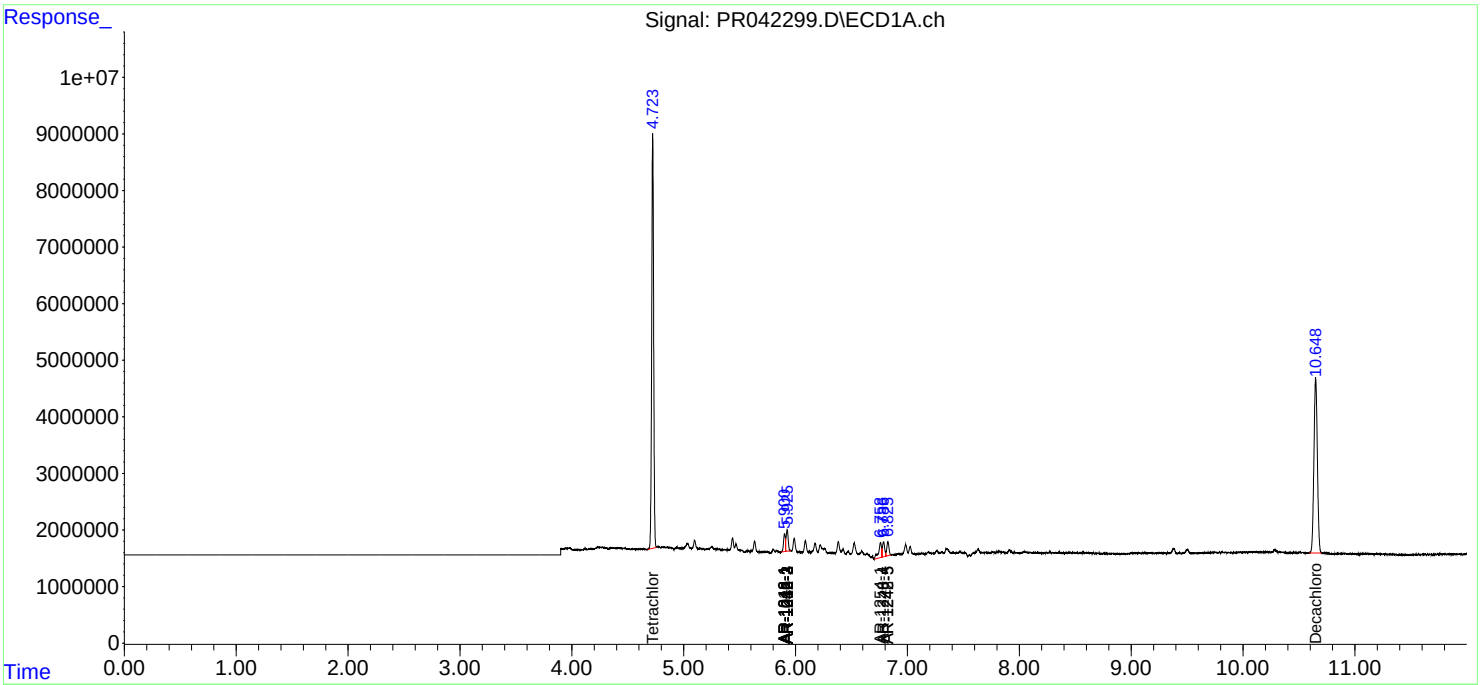
Quantitation Report (Not Reviewed)

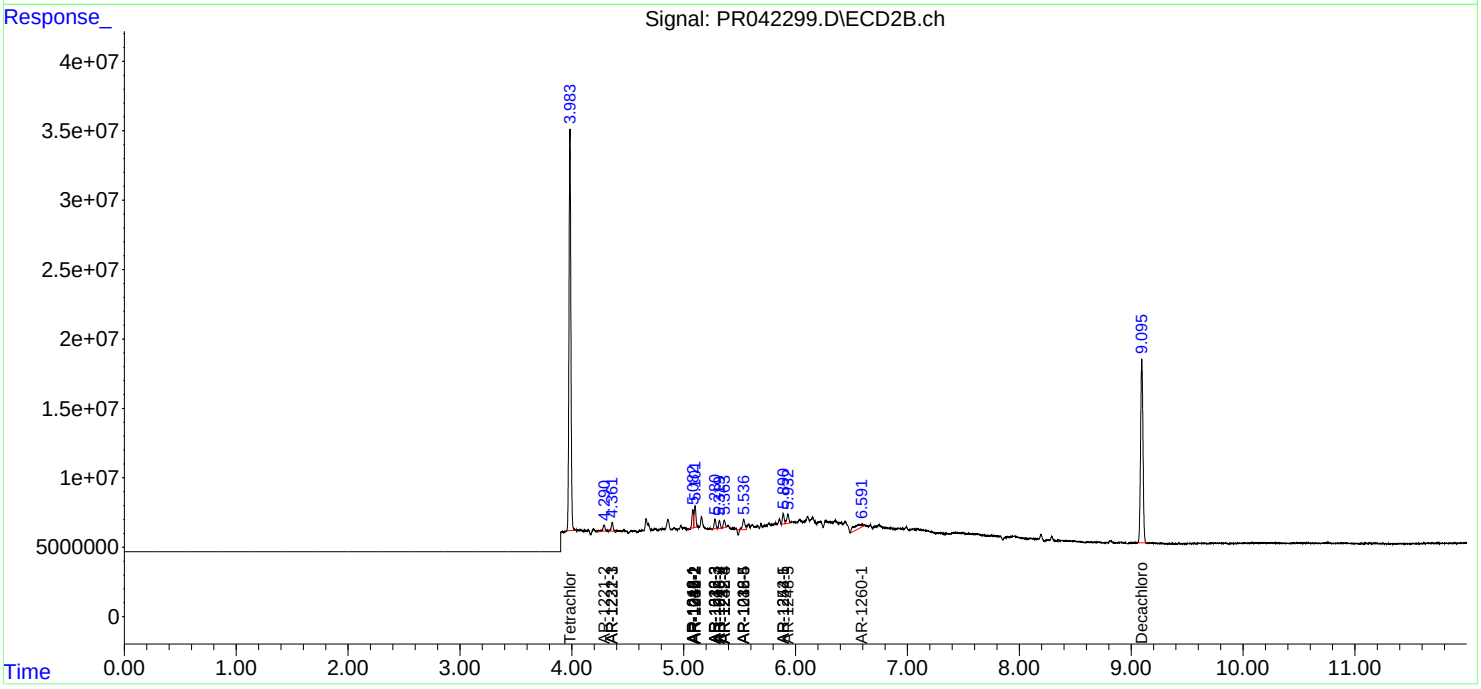
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101719\
Data File : PR042299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2019 14:44
Operator : SM\AJ
Sample : K5111-07
Misc : AR1242 LOD 25 PPB
ALS Vial : 16 Sample Multiplier: 1

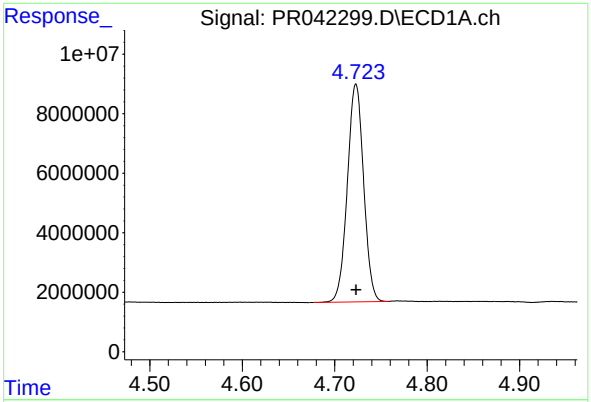
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 15:52:22 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



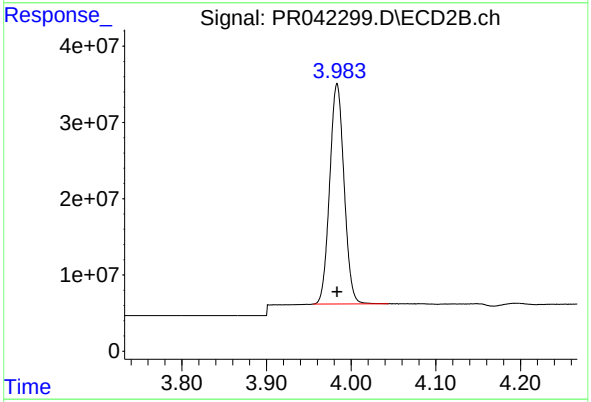




#1 Tetrachloro-m-xylene

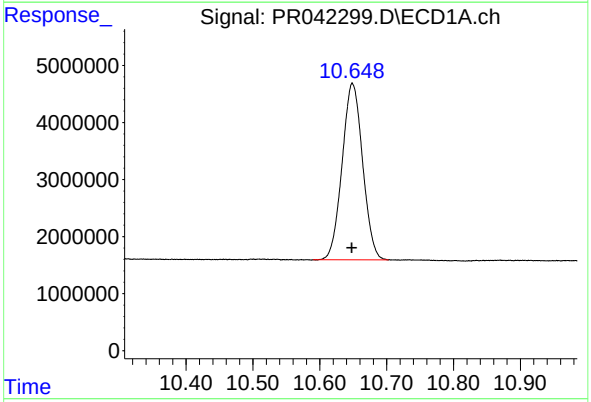
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 89520867
Conc: 18.80 ng/ml

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



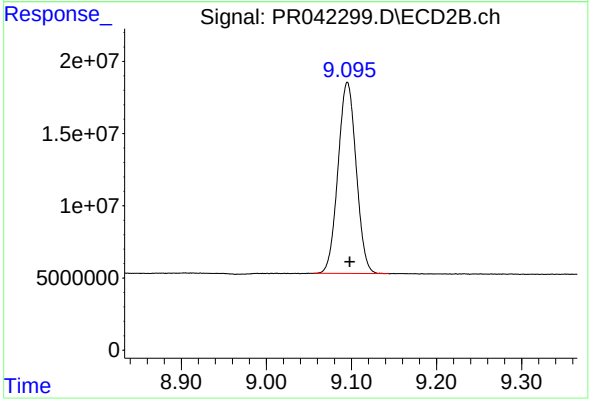
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 341588926
Conc: 20.06 ng/ml



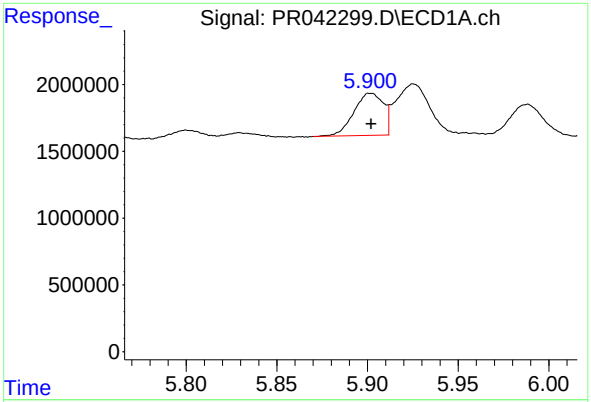
#2 Decachlorobiphenyl

R.T.: 10.649 min
Delta R.T.: 0.000 min
Response: 65913144
Conc: 18.85 ng/ml



#2 Decachlorobiphenyl

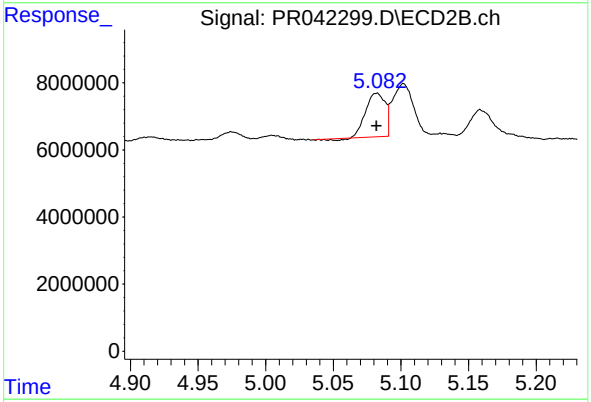
R.T.: 9.095 min
Delta R.T.: -0.003 min
Response: 196278592
Conc: 19.34 ng/ml



#3 AR-1016-1

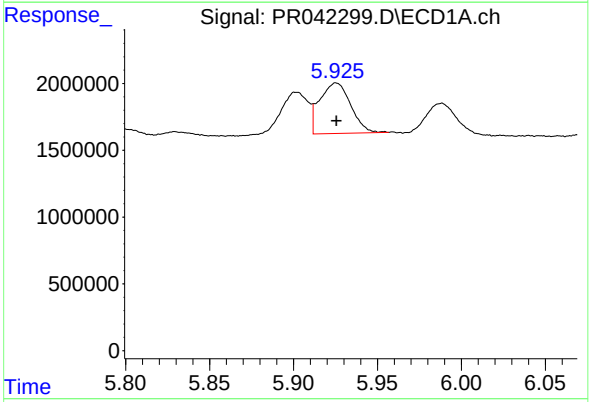
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 3570714
Conc: 22.84 ng/ml

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



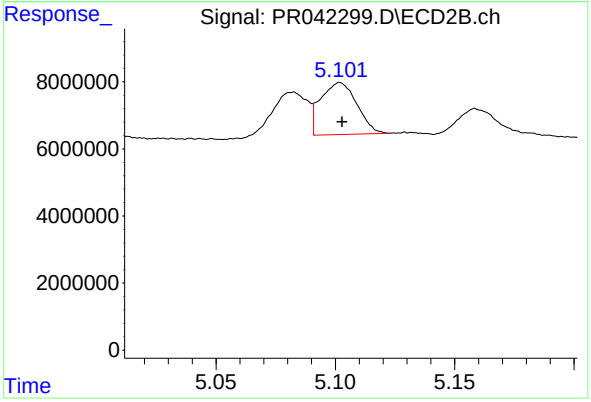
#3 AR-1016-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 12687201
Conc: 23.79 ng/ml



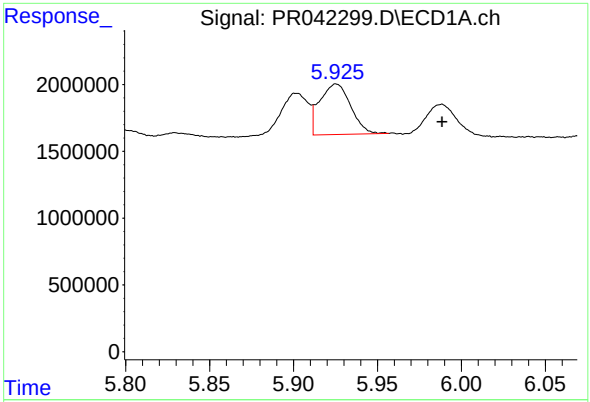
#4 AR-1016-2

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 4850832
Conc: 21.79 ng/ml



#4 AR-1016-2

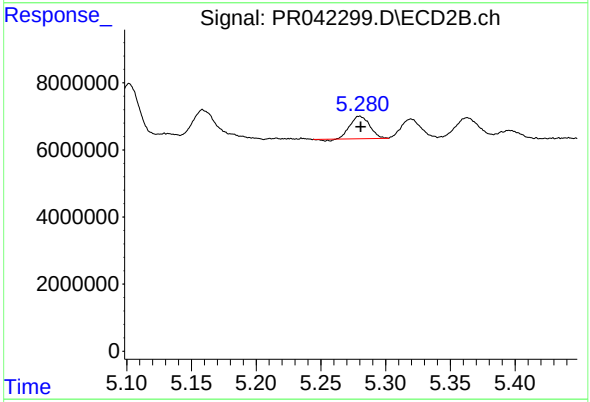
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 16382548
Conc: 22.29 ng/ml



#5 AR-1016-3

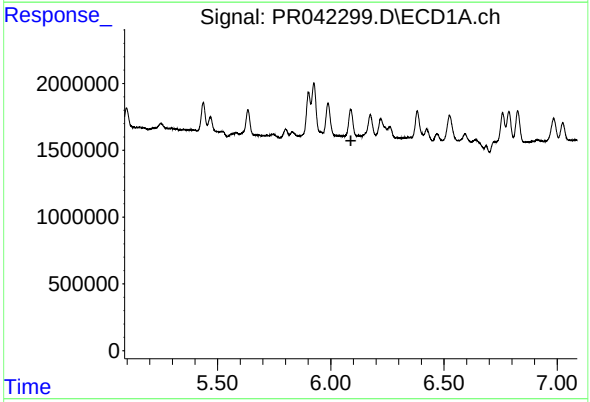
R.T.: 5.925 min
Delta R.T.: -0.063 min
Response: 4850832
Conc: 36.72 ng/ml

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



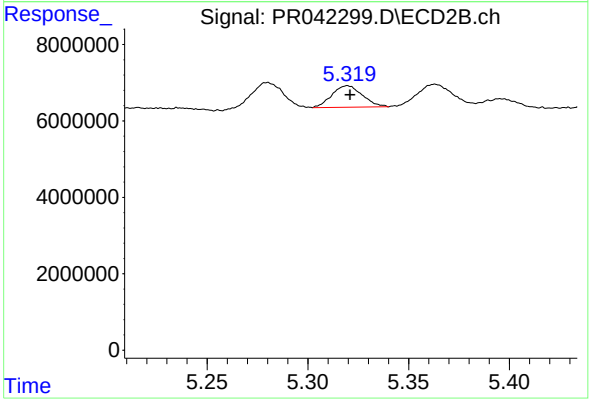
#5 AR-1016-3

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 6993697
Conc: 21.55 ng/ml



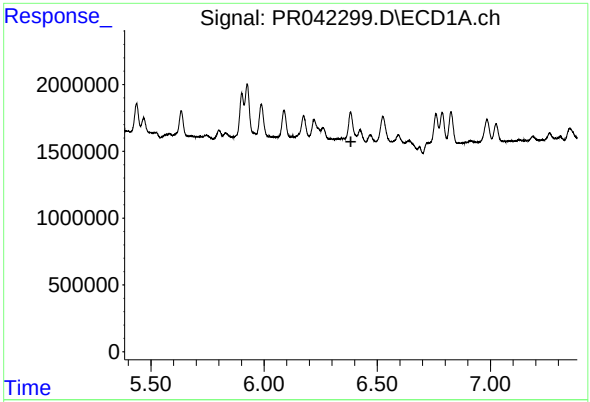
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.089 min
Response: 0
Conc: N.D.



#6 AR-1016-4

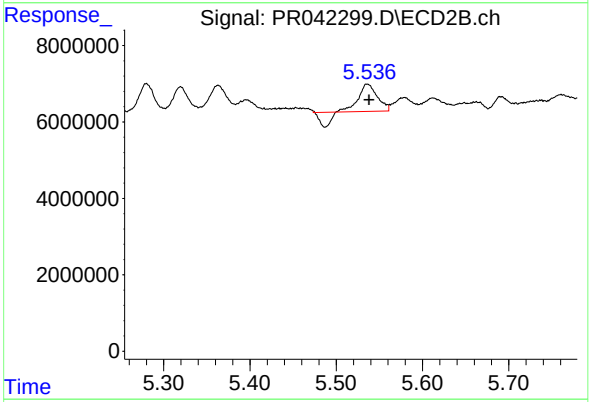
R.T.: 5.320 min
Delta R.T.: -0.001 min
Response: 5918936
Conc: 22.66 ng/ml



#7 AR-1016-5

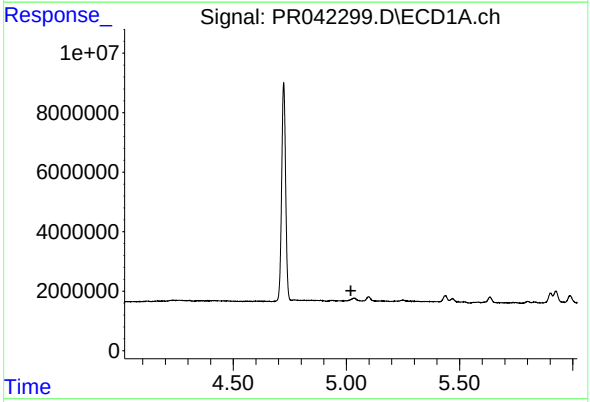
R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.

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



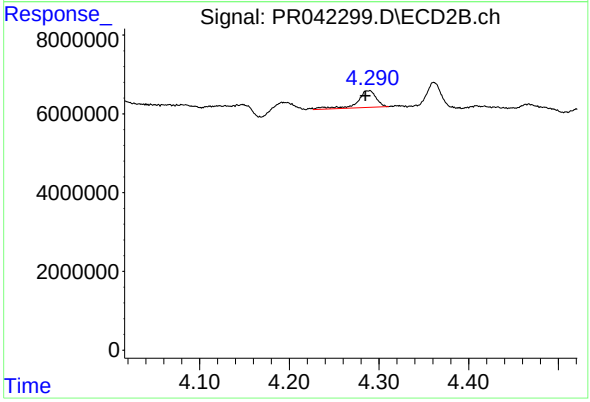
#7 AR-1016-5

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 8500285
Conc: 28.68 ng/ml



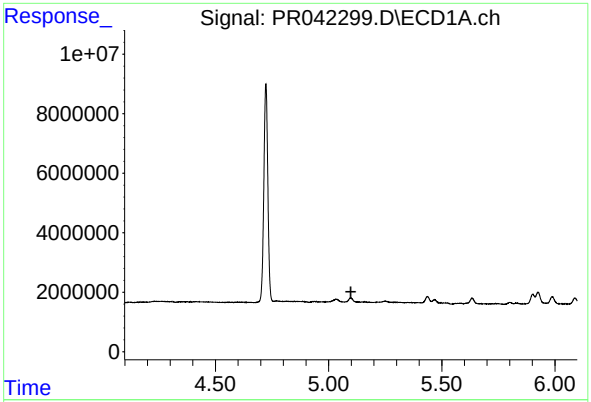
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.020 min
Response: 0
Conc: N.D.



#9 AR-1221-2

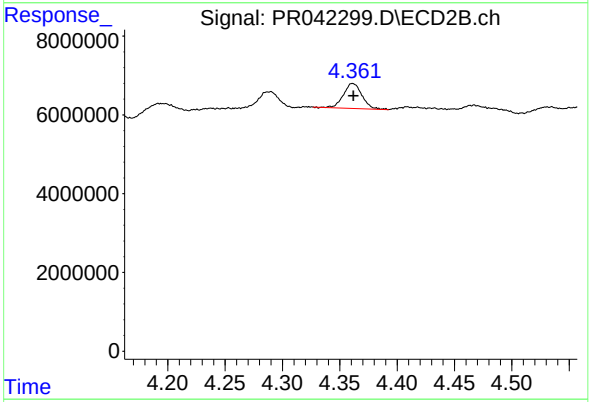
R.T.: 4.289 min
Delta R.T.: 0.004 min
Response: 6258897
Conc: 49.51 ng/ml



#10 AR-1221-3

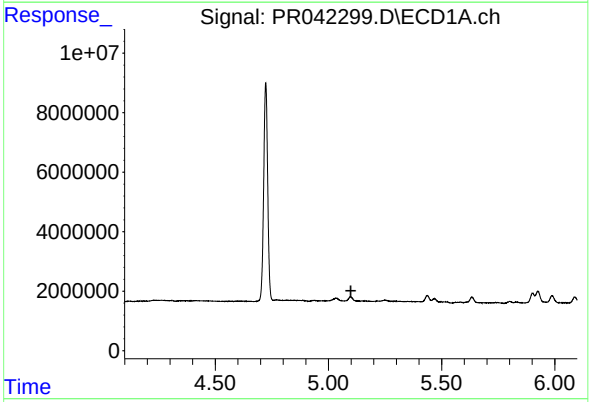
R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.

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



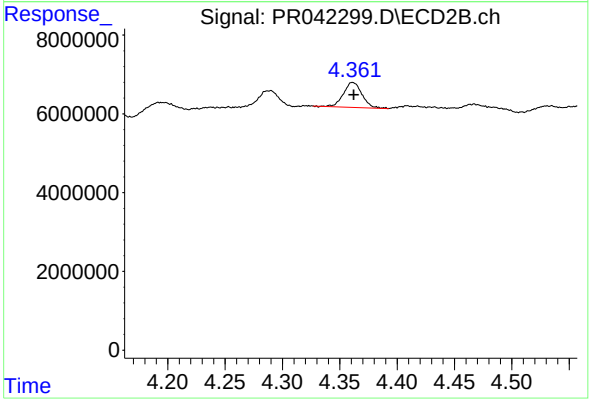
#10 AR-1221-3

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 7145982
Conc: 17.75 ng/ml



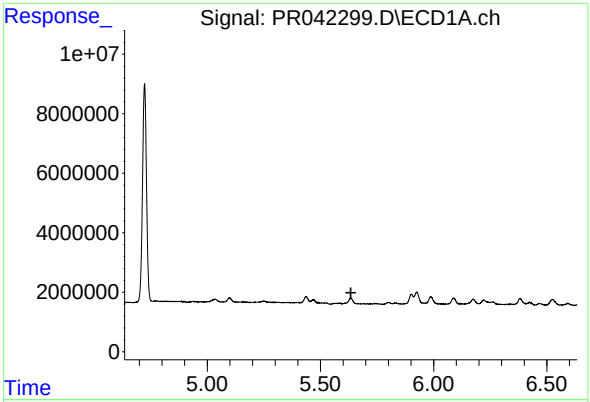
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#11 AR-1232-1

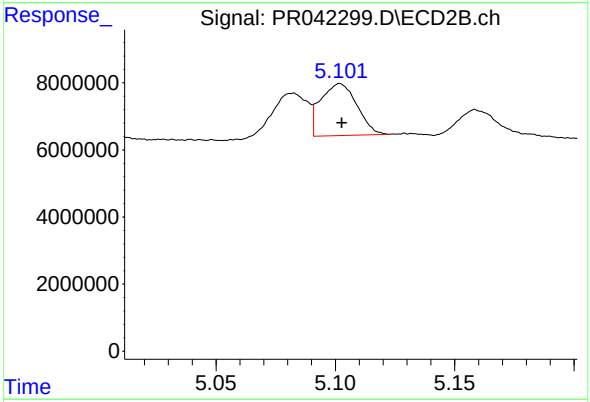
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 7145982
Conc: 12.31 ng/ml



#12 AR-1232-2

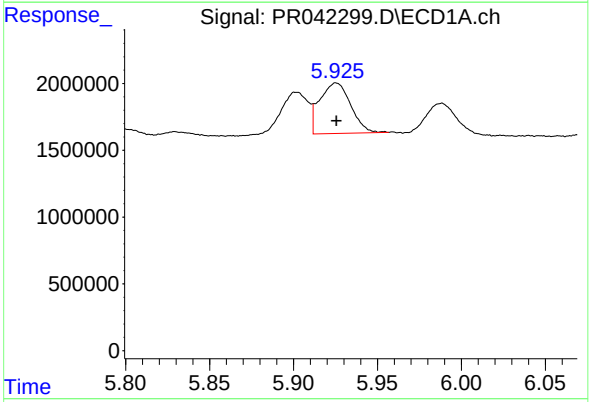
R.T.: 0.000 min
Exp R.T. : 5.634 min
Response: 0
Conc: N.D.

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



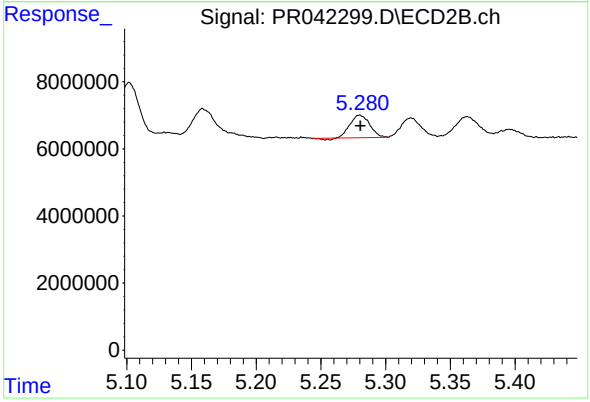
#12 AR-1232-2

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 16382548
Conc: 29.10 ng/ml



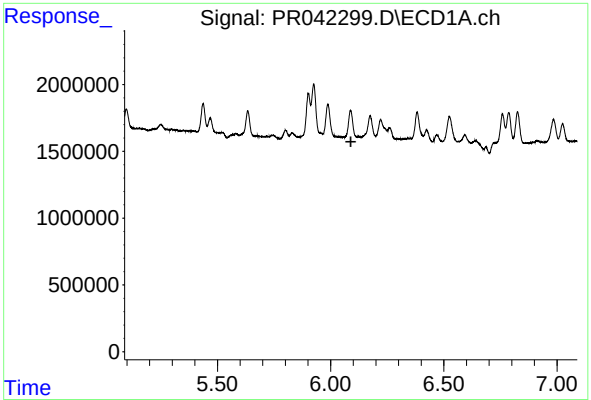
#13 AR-1232-3

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 4850832
Conc: 28.95 ng/ml



#13 AR-1232-3

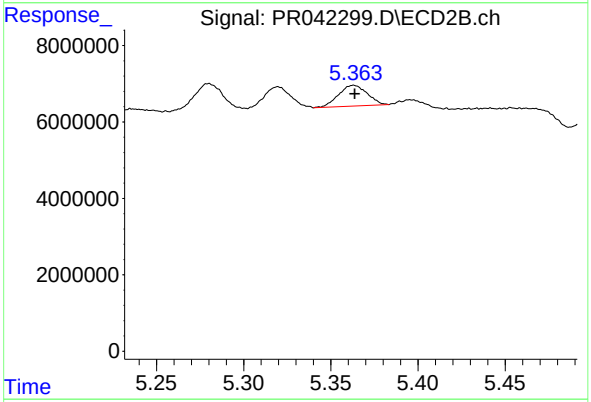
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 6993697
Conc: 27.65 ng/ml



#14 AR-1232-4

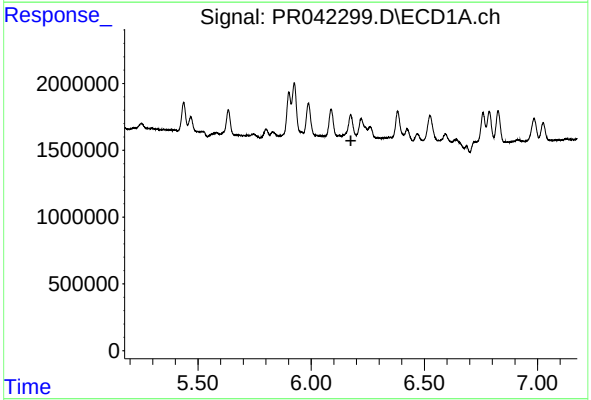
R.T.: 0.000 min
Exp R.T. : 6.089 min
Response: 0
Conc: N.D.

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



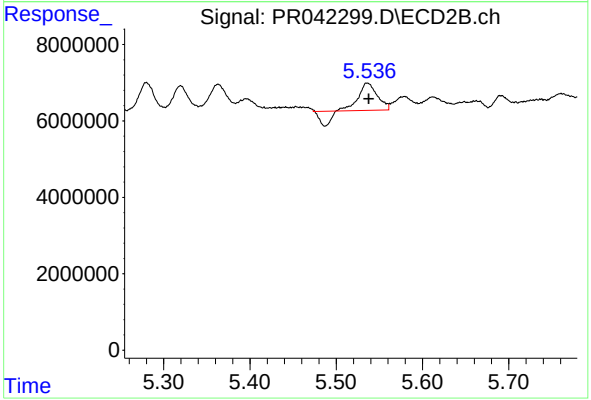
#14 AR-1232-4

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 6219244
Conc: 29.51 ng/ml



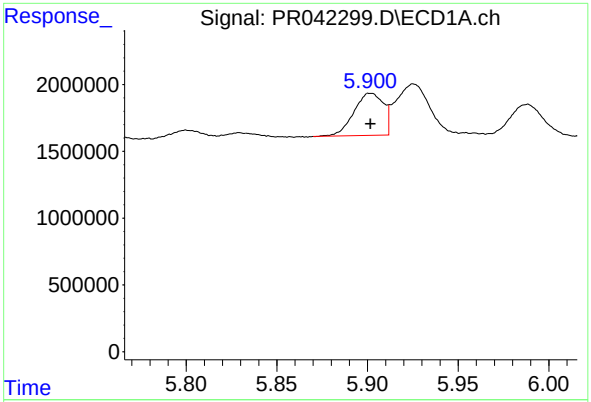
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.176 min
Response: 0
Conc: N.D.



#15 AR-1232-5

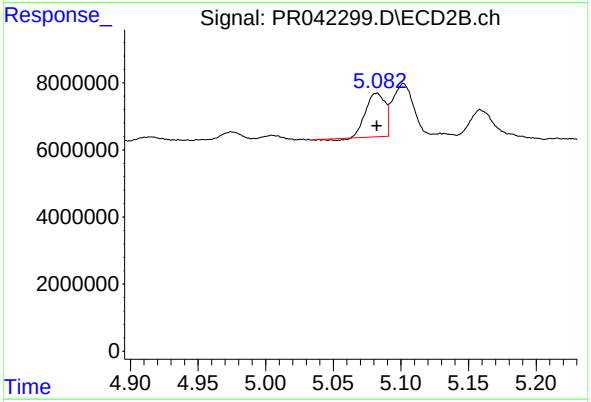
R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 8500285
Conc: 40.52 ng/ml



#16 AR-1242-1

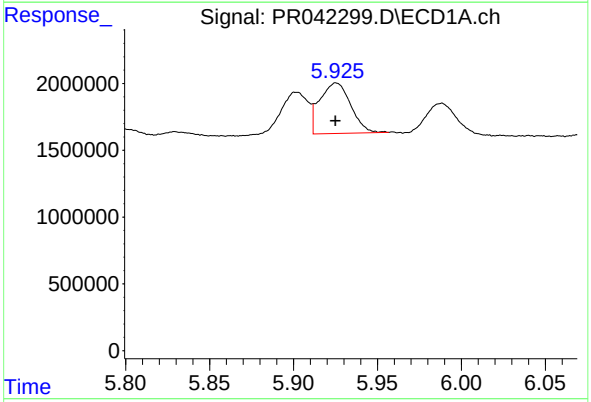
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 3570714
Conc: 30.45 ng/ml

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



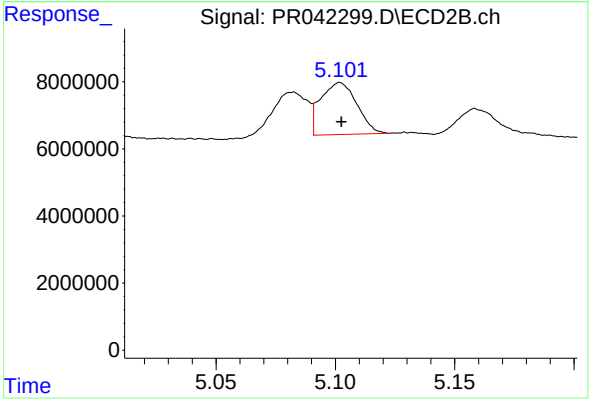
#16 AR-1242-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 12687201
Conc: 30.81 ng/ml



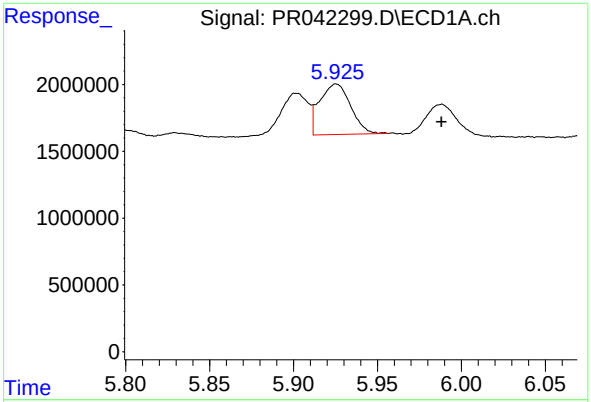
#17 AR-1242-2

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 4850832
Conc: 28.75 ng/ml



#17 AR-1242-2

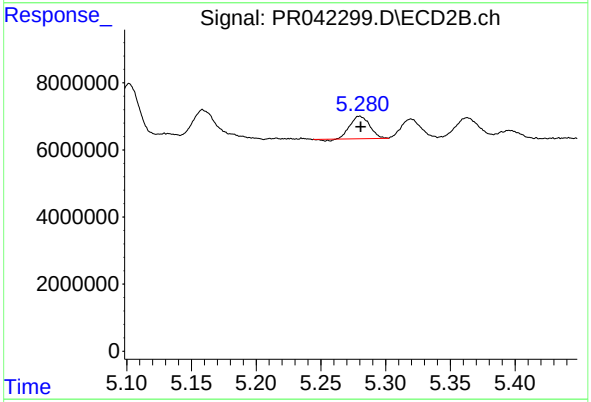
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 16382548
Conc: 29.42 ng/ml



#18 AR-1242-3

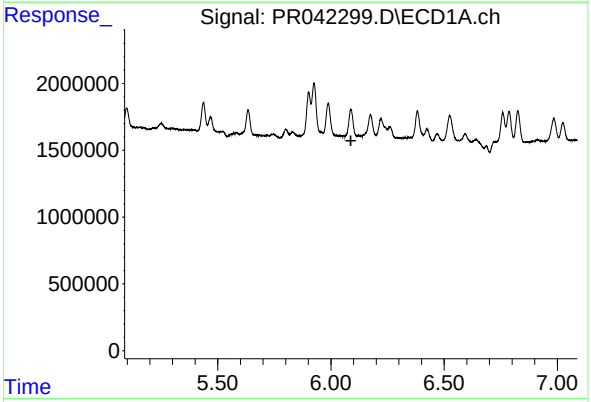
R.T.: 5.925 min
Delta R.T.: -0.063 min
Response: 4850832
Conc: 48.26 ng/ml

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



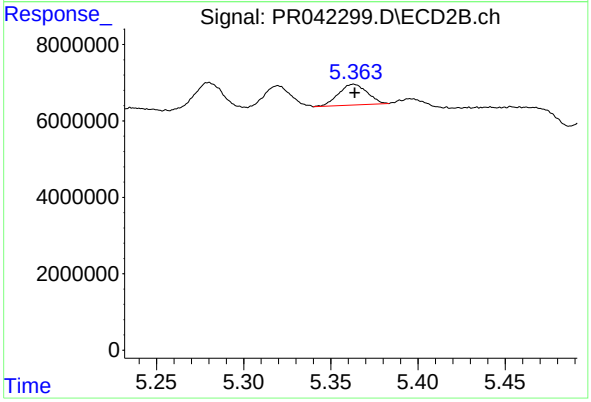
#18 AR-1242-3

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 6993697
Conc: 26.47 ng/ml



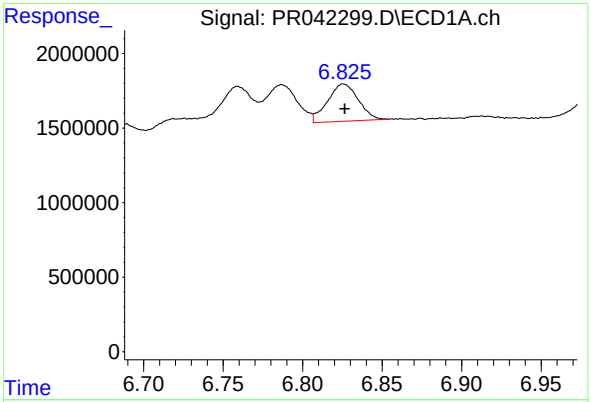
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.088 min
Response: 0
Conc: N.D.



#19 AR-1242-4

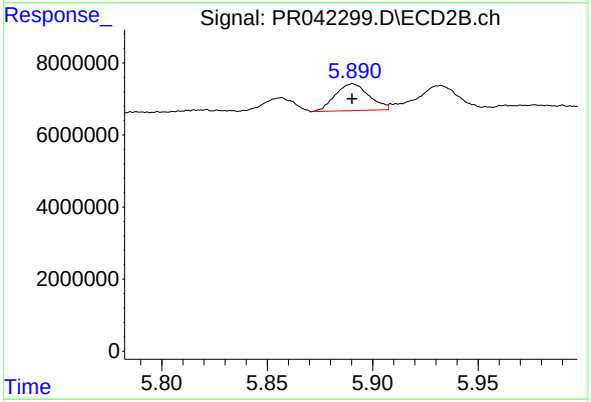
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 6219244
Conc: 25.78 ng/ml



#20 AR-1242-5

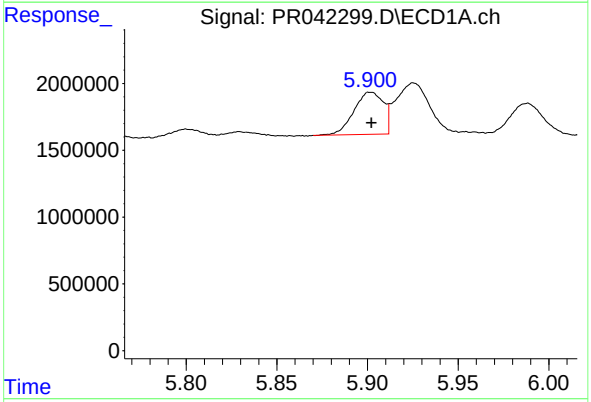
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3376909
Conc: 35.24 ng/ml

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



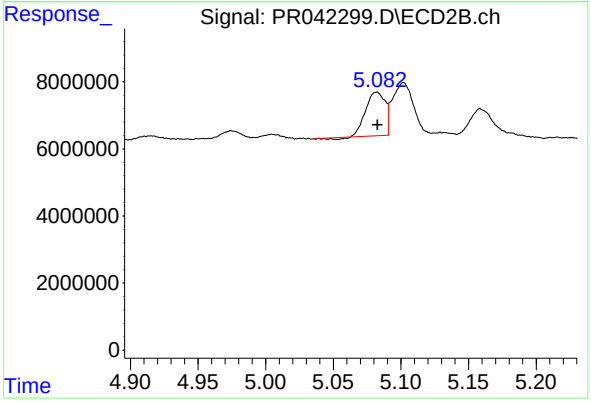
#20 AR-1242-5

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 8289016
Conc: 31.16 ng/ml



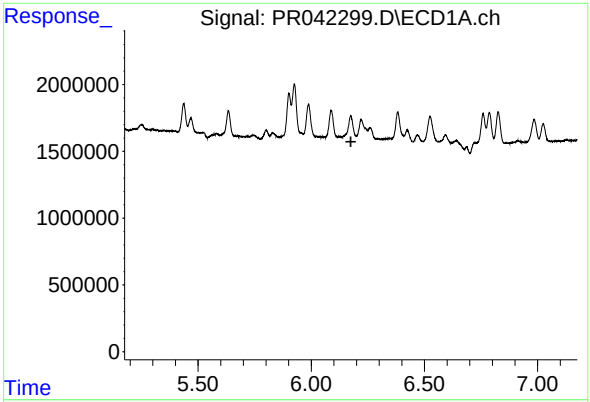
#21 AR-1248-1

R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 3570714
Conc: 38.58 ng/ml



#21 AR-1248-1

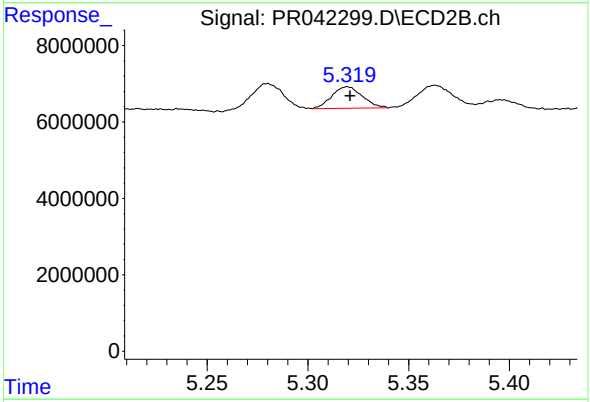
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 12687201
Conc: 38.53 ng/ml



#22 AR-1248-2

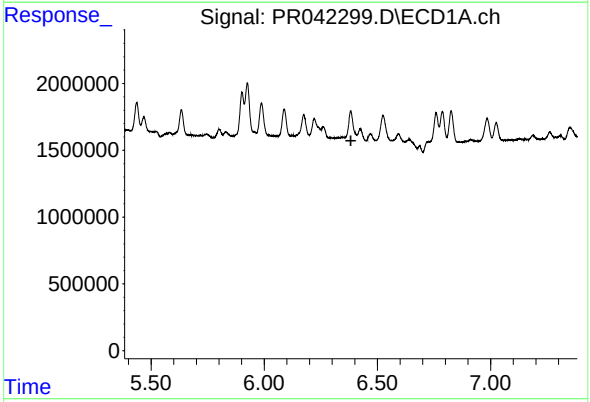
R.T.: 0.000 min
Exp R.T. : 6.175 min
Response: 0
Conc: N.D.

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



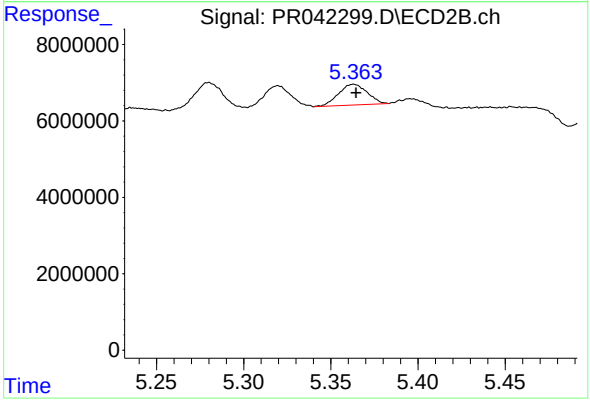
#22 AR-1248-2

R.T.: 5.320 min
Delta R.T.: -0.001 min
Response: 5918936
Conc: 16.88 ng/ml



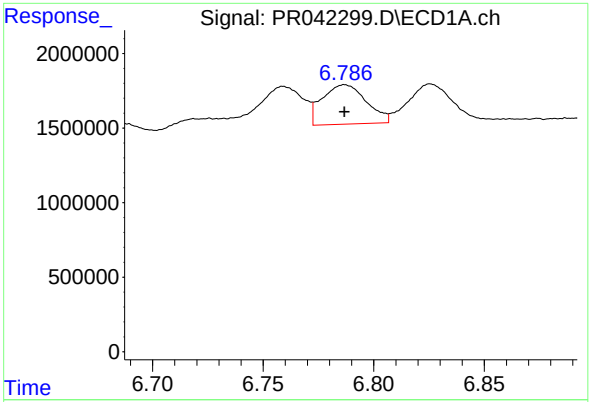
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.



#23 AR-1248-3

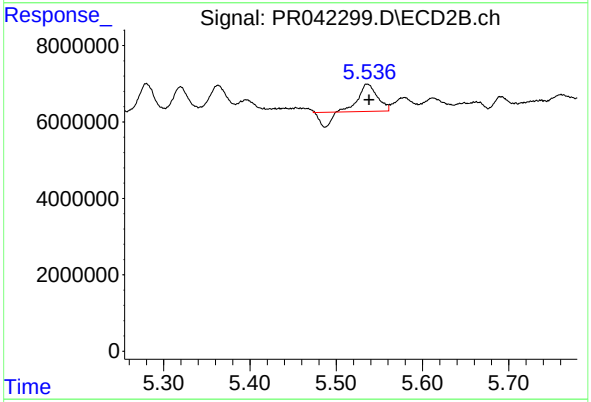
R.T.: 5.363 min
Delta R.T.: -0.001 min
Response: 6219244
Conc: 17.72 ng/ml



#24 AR-1248-4

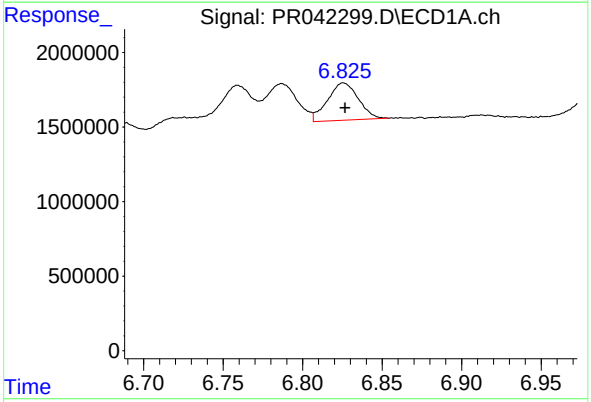
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 3675049
Conc: 21.60 ng/ml

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



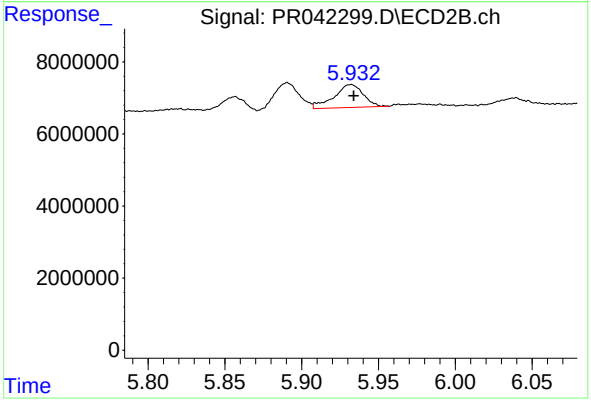
#24 AR-1248-4

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 8500285
Conc: 22.37 ng/ml



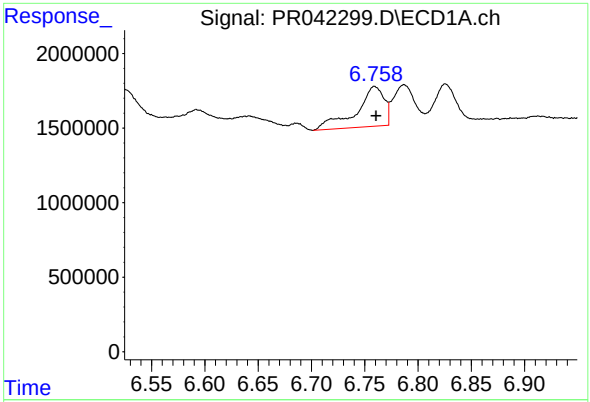
#25 AR-1248-5

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3376909
Conc: 21.03 ng/ml



#25 AR-1248-5

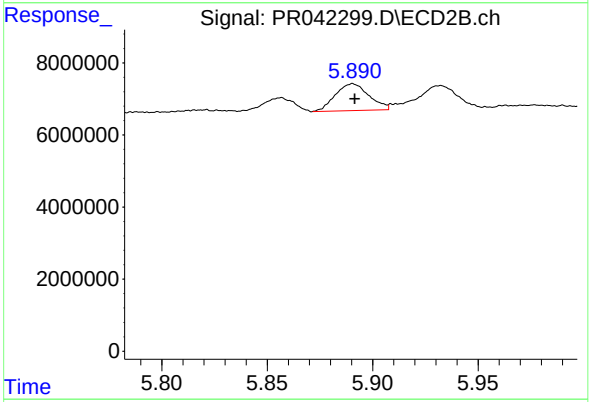
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 8464265
Conc: 22.74 ng/ml



#26 AR-1254-1

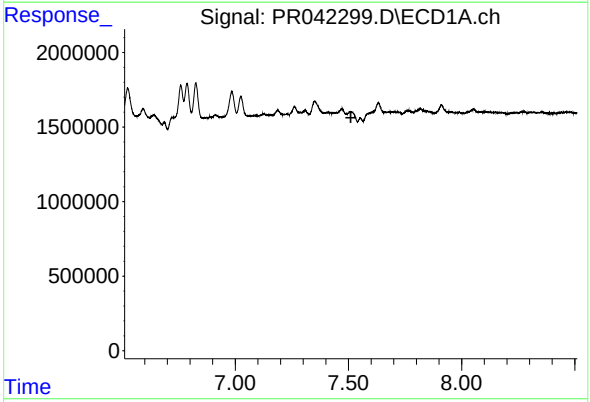
R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 4863327
Conc: 27.07 ng/ml

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



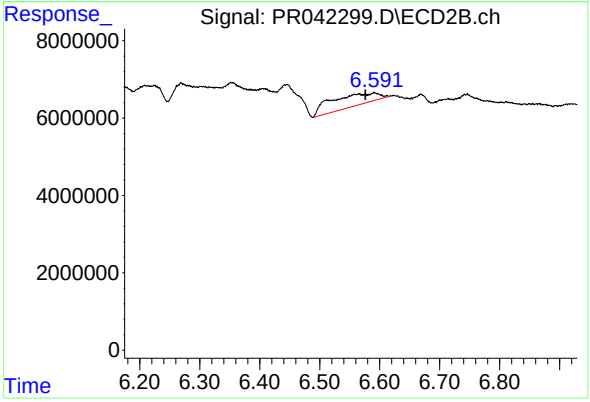
#26 AR-1254-1

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 8289016
Conc: 14.42 ng/ml



#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.511 min
Response: 0
Conc: N.D.



#31 AR-1260-1

R.T.: 6.591 min
Delta R.T.: 0.015 min
Response: 17162218
Conc: 29.67 ng/ml