

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042419\
 Data File : PR037357.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2019 16:37
 Operator : SM\SJ
 Sample : K2241-07
 Misc : AR1242 LOD 25PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 01:02:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Apr 22 17:27:39 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...	4.364	3.409	26937243	108.0E6	21.533	22.516
2)	SA Decachlor...	9.987	8.242	28355232	141.2E6	21.439	24.242
Target Compounds							
3)	L1 AR-1016-1	5.523	4.452	971021	3484697	22.535	19.138
4)	L1 AR-1016-2	5.544	4.467	1484850	6838721	21.443	24.240
5)	L1 AR-1016-3	5.605	4.638	862745	3151479	21.393	21.918
6)	L1 AR-1016-4	5.704	4.678	739777	2681141	22.527	24.234
7)	L1 AR-1016-5	5.994	4.886	919713	3396915	26.822	22.347
8)	L2 AR-1221-1	0.000	3.613	0	1029695	N.D.	20.222 #
9)	L2 AR-1221-2	4.668	3.697	693217	2395516	76.650	64.507
10)	L2 AR-1221-3	4.734	3.768	655678	2398904	21.393	19.591
11)	L3 AR-1232-1	4.734	3.768	655678	2398904	22.416	20.505
12)	L3 AR-1232-2	5.256	4.467	646247	6838721	38.245	49.475 #
13)	L3 AR-1232-3	5.544	4.638	1484850	3151479	43.925	44.892
14)	L3 AR-1232-4	5.704	4.718	739777	2983490	47.129	49.998
15)	L3 AR-1232-5	5.791	4.886	573439	3396915	49.030	49.776
16)	L4 AR-1242-1	5.523	4.452	971021	3484697	28.380	23.780
17)	L4 AR-1242-2	5.544	4.467	1484850	6838721	26.769	29.973
18)	L4 AR-1242-3	5.605	4.638	862745	3151479	26.211	27.255
19)	L4 AR-1242-4	5.704	4.718	739777	2983490	28.046	27.145
20)	L4 AR-1242-5	6.432	5.226	1135007	6398094	35.272	38.613
21)	L5 AR-1248-1	5.523	4.452	971021	3484697	42.389	34.617
22)	L5 AR-1248-2	5.791	4.678	573439	2681141	16.377	19.646
23)	L5 AR-1248-3	5.994	4.718	919713	2983490	22.482	21.315
24)	L5 AR-1248-4	6.393	4.886	999791	3396915	20.423	19.088
25)	L5 AR-1248-5	6.432	5.265	1135007	6452080	24.028	32.984 #
26)	L6 AR-1254-1	6.367	5.226	886534	6398094	16.228	18.574
27)	L6 AR-1254-2	6.589	5.371	1024802	3803651	11.958	12.700
28)	L6 AR-1254-3	6.950	5.761	1167543	3619186	12.835	7.642 #
29)	L6 AR-1254-4	7.233	5.986	1058426	1253692	15.795	3.575 #
30)	L6 AR-1254-5	0.000	6.395	0	5742112	N.D.	12.967 #
31)	L7 AR-1260-1	0.000	5.881	0	211873	N.D.	0.725 #
32)	L7 AR-1260-2	0.000	6.067	0	2526034	N.D.	5.484 #
33)	L7 AR-1260-3	0.000	6.216	0	687154	N.D.	1.928 #
34)	L7 AR-1260-4	0.000	6.629	0	1730915	N.D.	5.680 #
36)	L8 AR-1262-1	0.000	6.491	0	3898392	N.D.	15.555 #
40)	L8 AR-1262-5	0.000	7.785	0	608807	N.D.	1.591 #
43)	L9 AR-1268-3	0.000	7.462	0	32155147	N.D.	36.283 #
44)	L9 AR-1268-4	0.000	7.785	0	608807	N.D.	1.678 #
45)	L9 AR-1268-5	0.000	8.024	0	4946587	N.D.	1.944 #

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LOD-MDL-WATER-01-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 01:02:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Apr 22 17:27:39 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

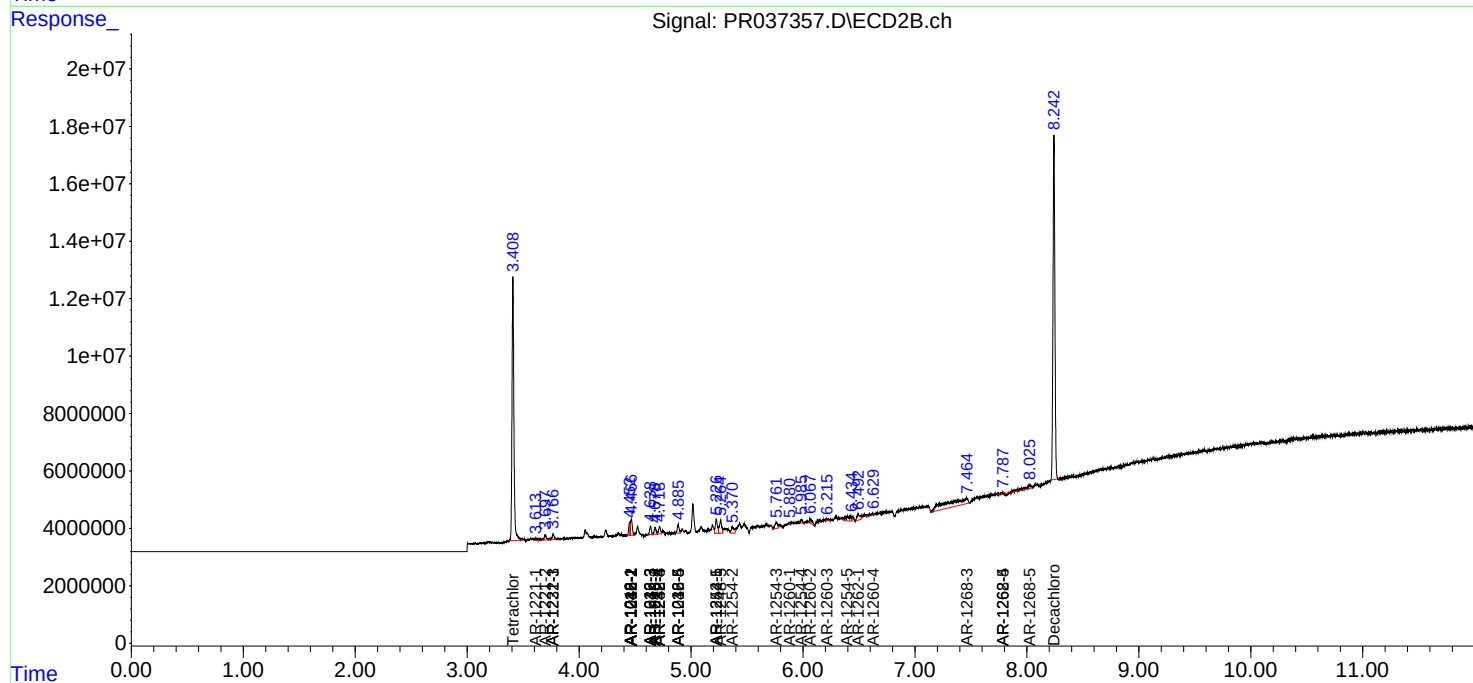
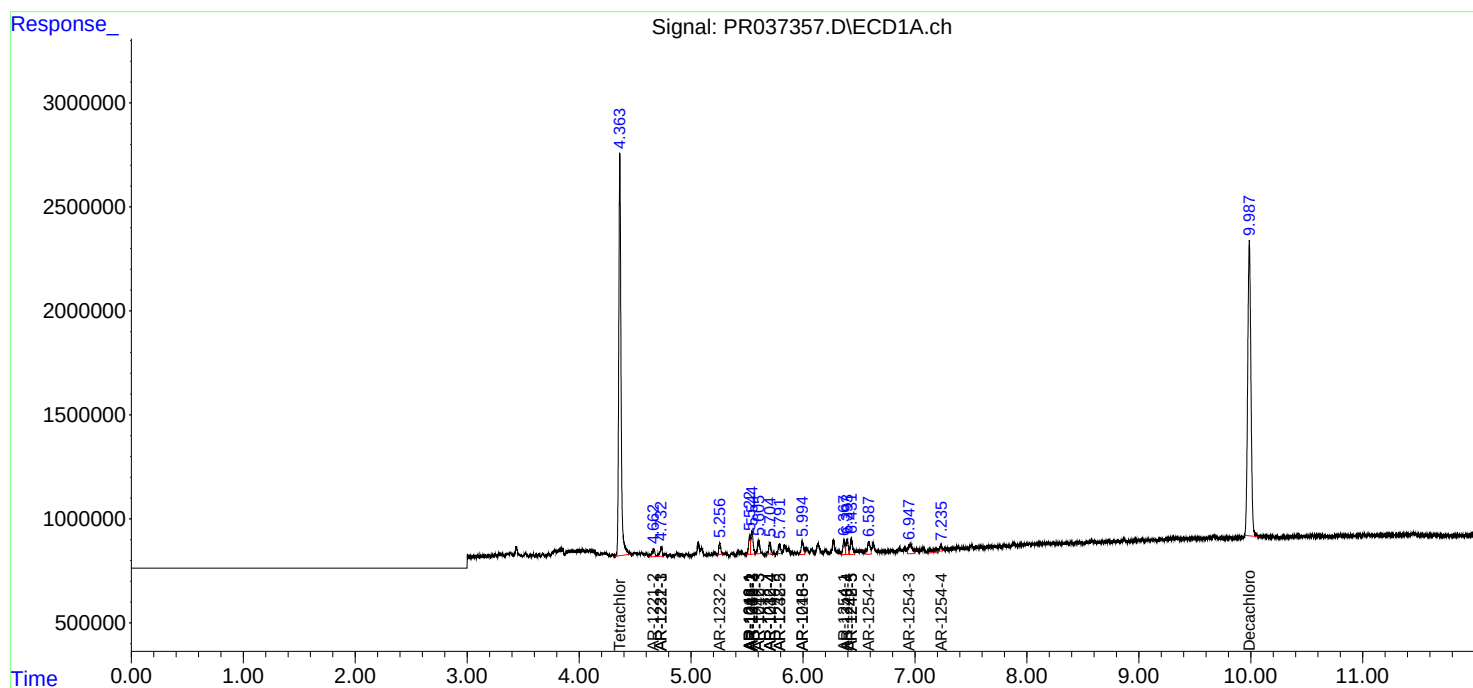
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

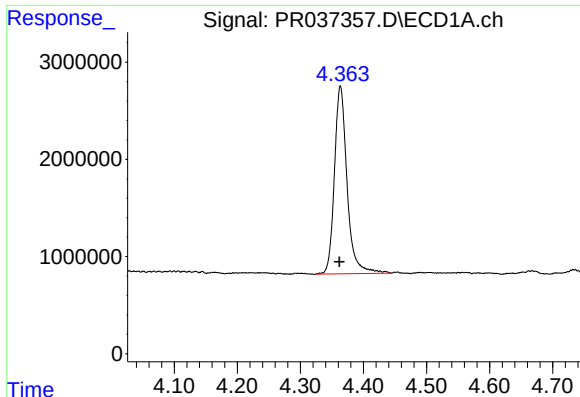
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042419\
Data File : PR037357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2019 16:37
Operator : SM\SJ
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ECD_R
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

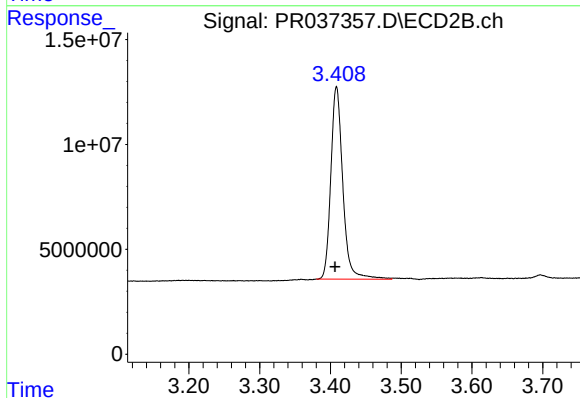




#1 Tetrachloro-m-xylene

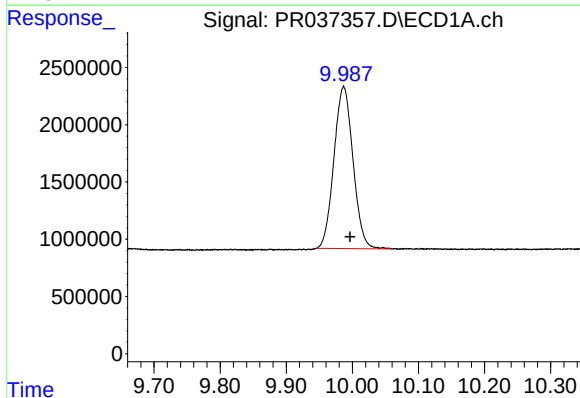
R.T.: 4.364 min
Delta R.T.: 0.002 min
Response: 26937243
Conc: 21.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



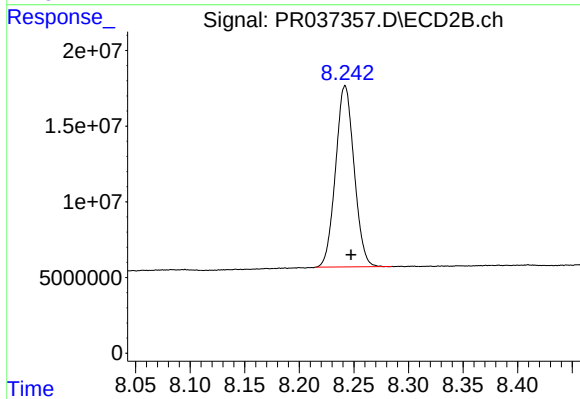
#1 Tetrachloro-m-xylene

R.T.: 3.409 min
Delta R.T.: 0.002 min
Response: 107973756
Conc: 22.52 ng/ml



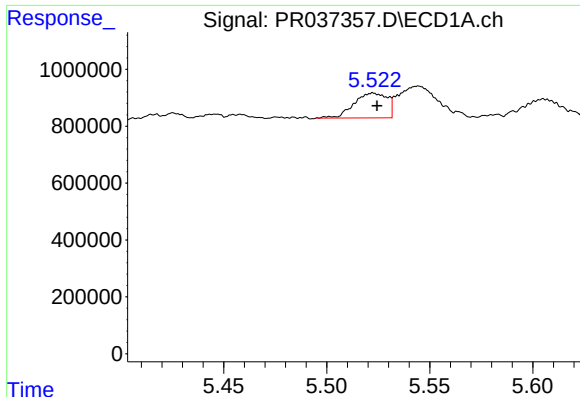
#2 Decachlorobiphenyl

R.T.: 9.987 min
Delta R.T.: -0.010 min
Response: 28355232
Conc: 21.44 ng/ml



#2 Decachlorobiphenyl

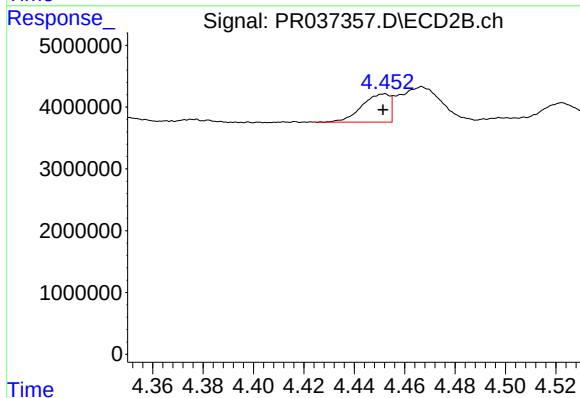
R.T.: 8.242 min
Delta R.T.: -0.006 min
Response: 141188983
Conc: 24.24 ng/ml



#3 AR-1016-1

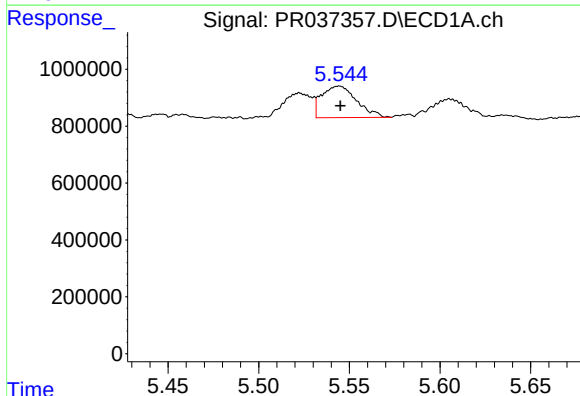
R.T.: 5.523 min
Delta R.T.: -0.002 min
Response: 971021
Conc: 22.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



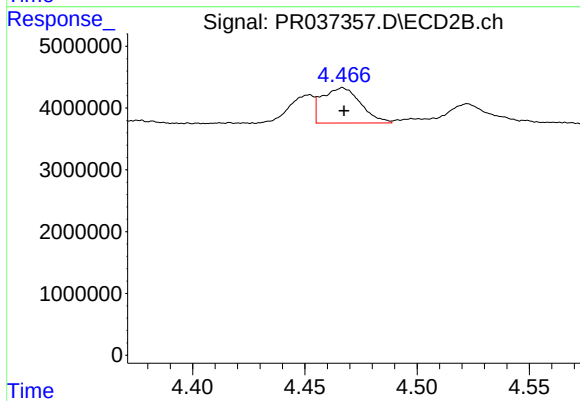
#3 AR-1016-1

R.T.: 4.452 min
Delta R.T.: 0.000 min
Response: 3484697
Conc: 19.14 ng/ml



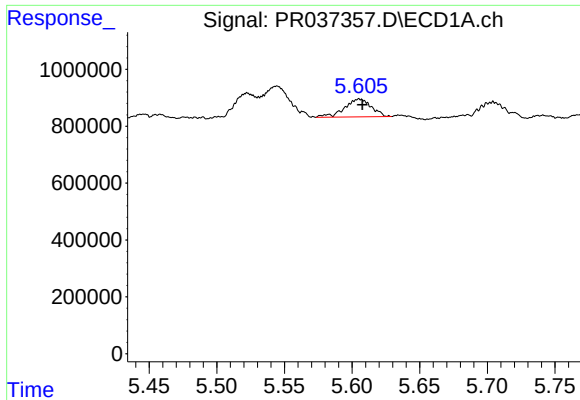
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 1484850
Conc: 21.44 ng/ml



#4 AR-1016-2

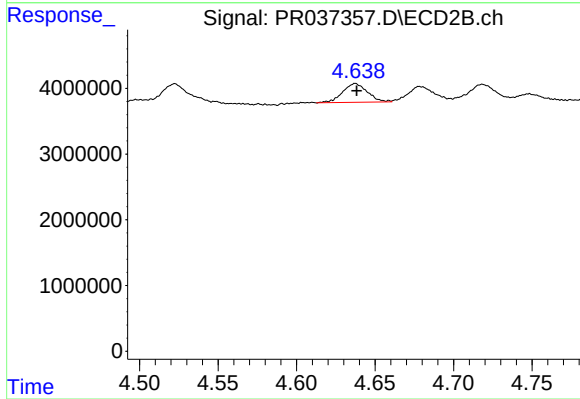
R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 6838721
Conc: 24.24 ng/ml



#5 AR-1016-3

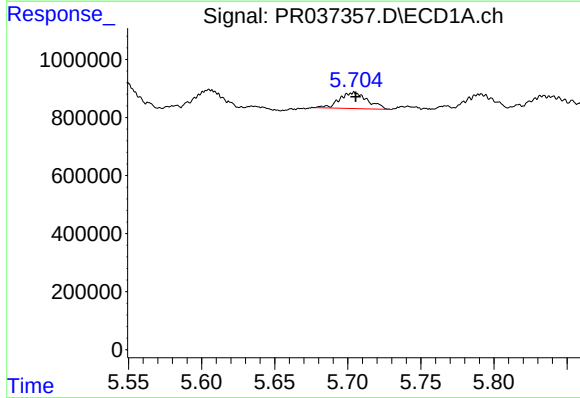
R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 862745
Conc: 21.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



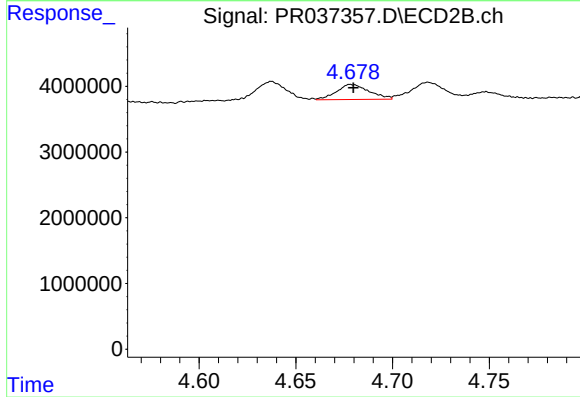
#5 AR-1016-3

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 3151479
Conc: 21.92 ng/ml



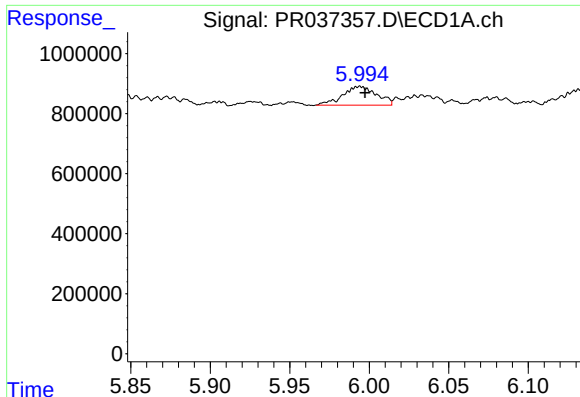
#6 AR-1016-4

R.T.: 5.704 min
Delta R.T.: -0.001 min
Response: 739777
Conc: 22.53 ng/ml



#6 AR-1016-4

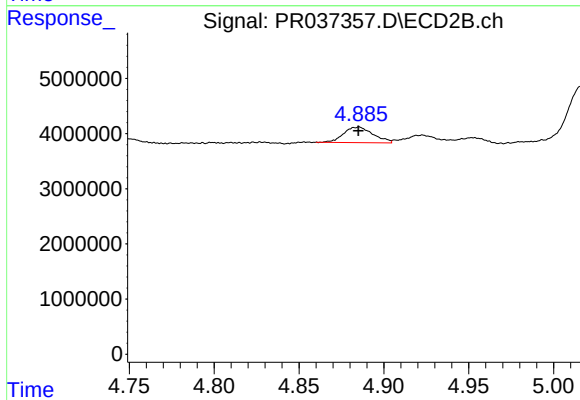
R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2681141
Conc: 24.23 ng/ml



#7 AR-1016-5

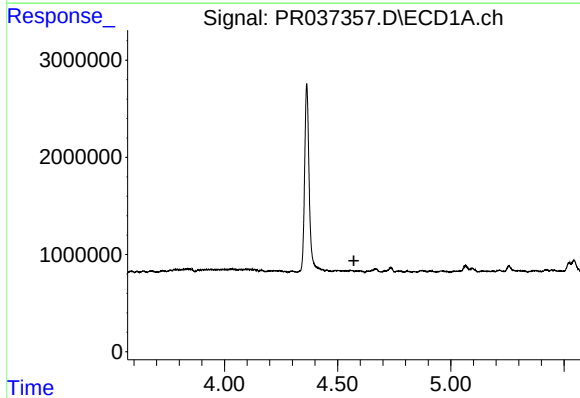
R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 919713
Conc: 26.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



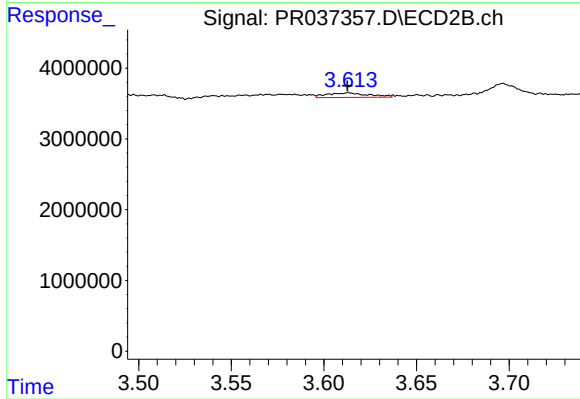
#7 AR-1016-5

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 3396915
Conc: 22.35 ng/ml



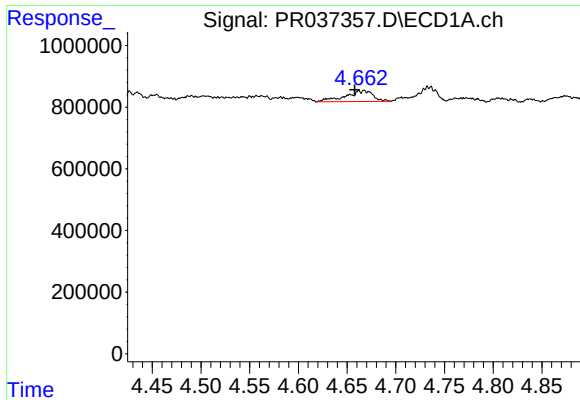
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.



#8 AR-1221-1

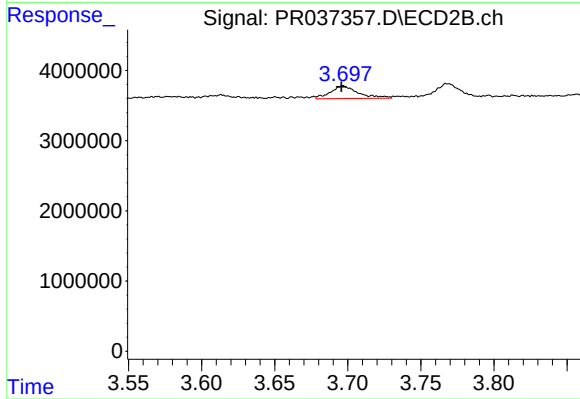
R.T.: 3.613 min
Delta R.T.: 0.000 min
Response: 1029695
Conc: 20.22 ng/ml



#9 AR-1221-2

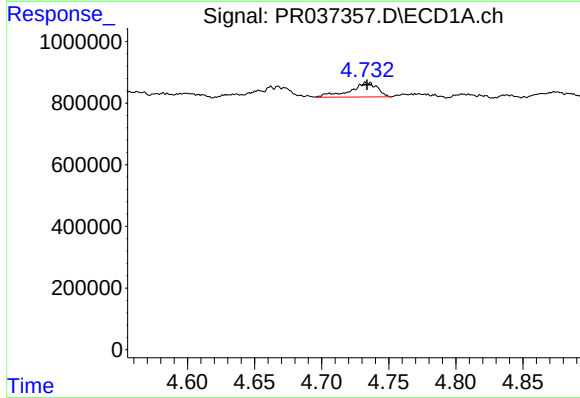
R.T.: 4.668 min
Delta R.T.: 0.010 min
Response: 693217
Conc: 76.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



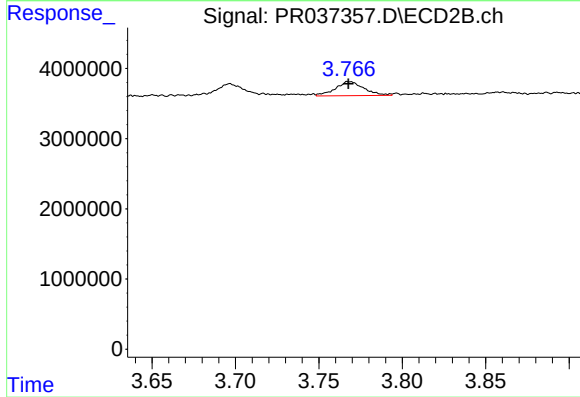
#9 AR-1221-2

R.T.: 3.697 min
Delta R.T.: 0.001 min
Response: 2395516
Conc: 64.51 ng/ml



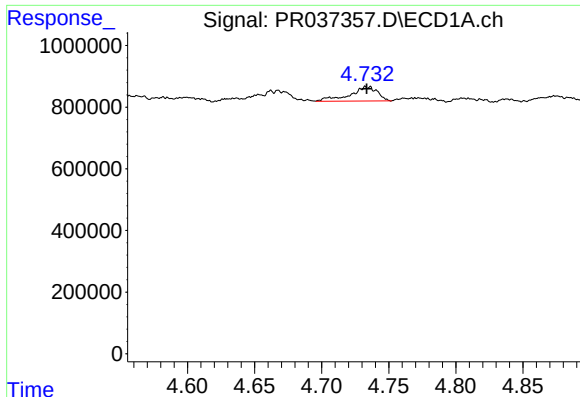
#10 AR-1221-3

R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 655678
Conc: 21.39 ng/ml



#10 AR-1221-3

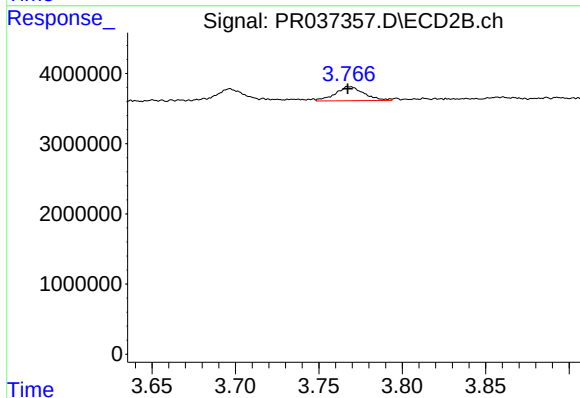
R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 2398904
Conc: 19.59 ng/ml



#11 AR-1232-1

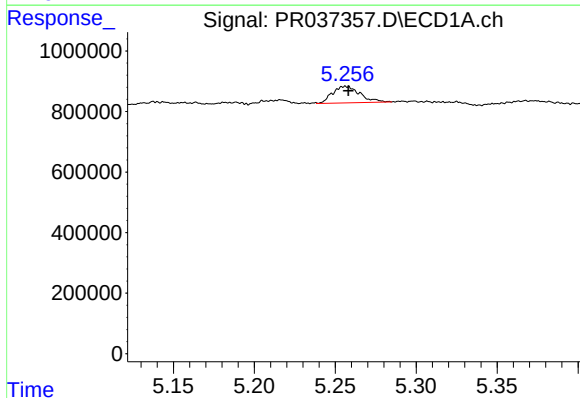
R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 655678
Conc: 22.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



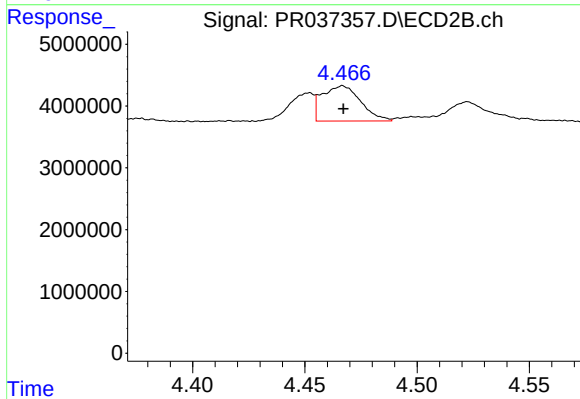
#11 AR-1232-1

R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 2398904
Conc: 20.51 ng/ml



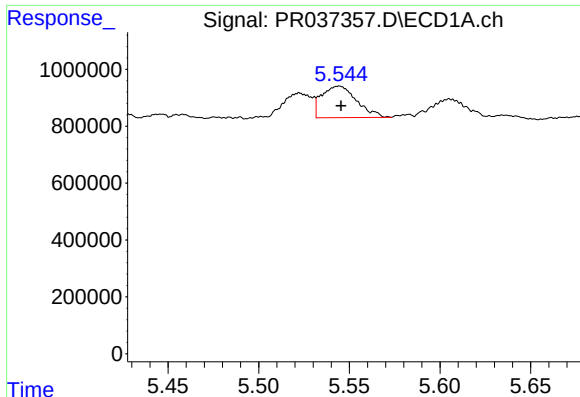
#12 AR-1232-2

R.T.: 5.256 min
Delta R.T.: -0.002 min
Response: 646247
Conc: 38.25 ng/ml



#12 AR-1232-2

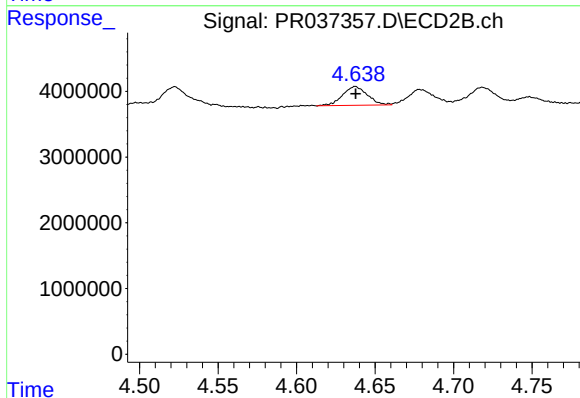
R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 6838721
Conc: 49.48 ng/ml



#13 AR-1232-3

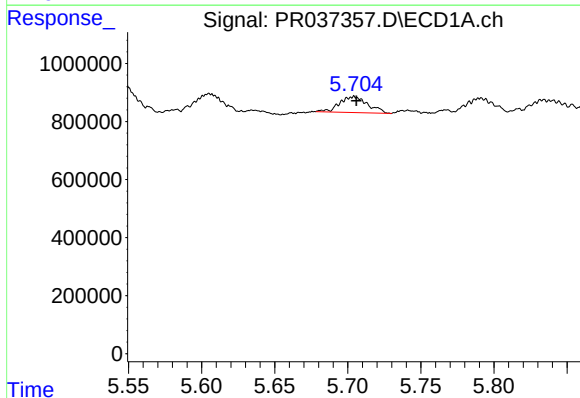
R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 1484850
Conc: 43.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
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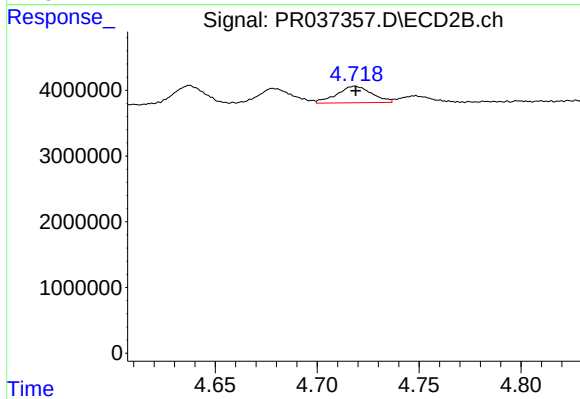
#13 AR-1232-3

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 3151479
Conc: 44.89 ng/ml



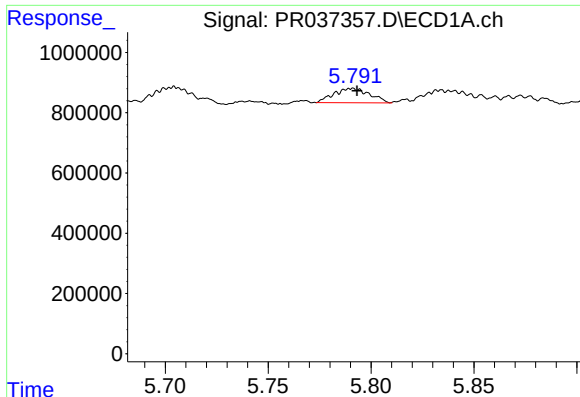
#14 AR-1232-4

R.T.: 5.704 min
Delta R.T.: -0.001 min
Response: 739777
Conc: 47.13 ng/ml



#14 AR-1232-4

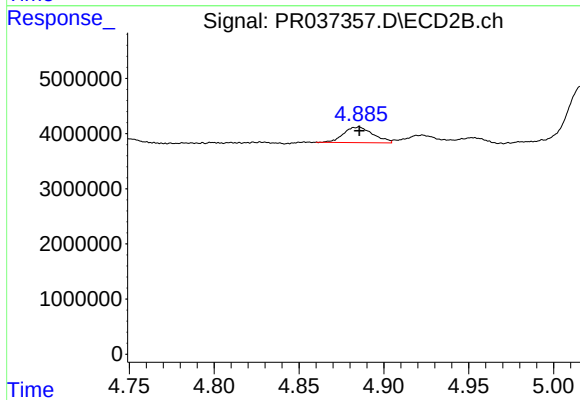
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 2983490
Conc: 50.00 ng/ml



#15 AR-1232-5

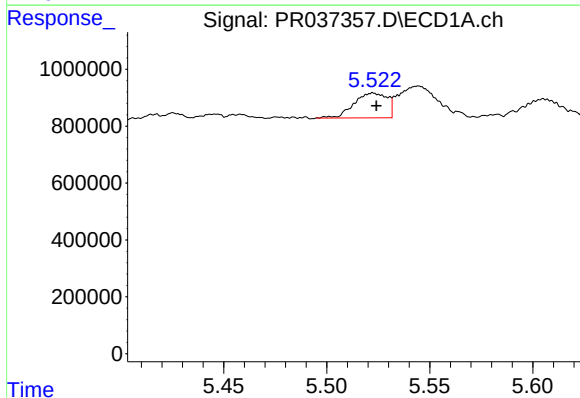
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 573439
Conc: 49.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



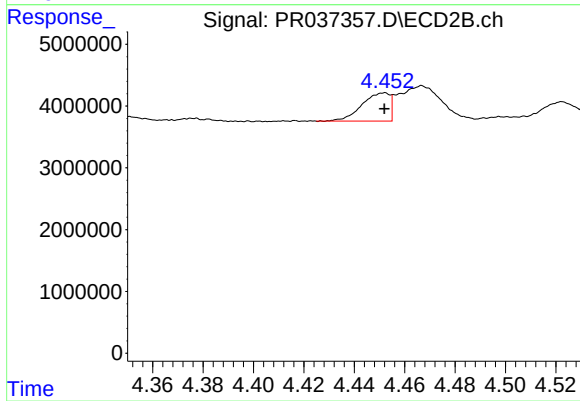
#15 AR-1232-5

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 3396915
Conc: 49.78 ng/ml



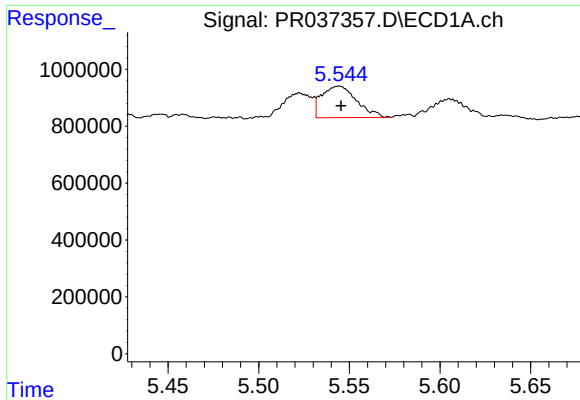
#16 AR-1242-1

R.T.: 5.523 min
Delta R.T.: -0.002 min
Response: 971021
Conc: 28.38 ng/ml



#16 AR-1242-1

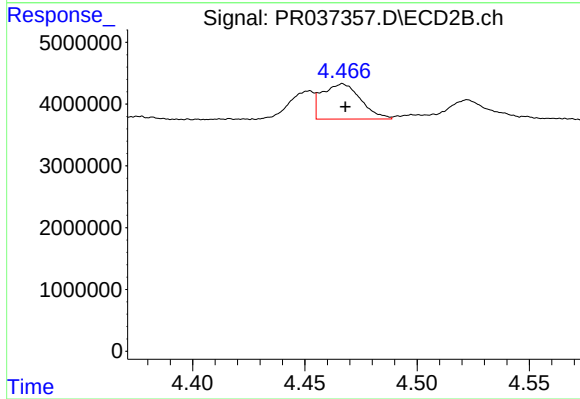
R.T.: 4.452 min
Delta R.T.: 0.000 min
Response: 3484697
Conc: 23.78 ng/ml



#17 AR-1242-2

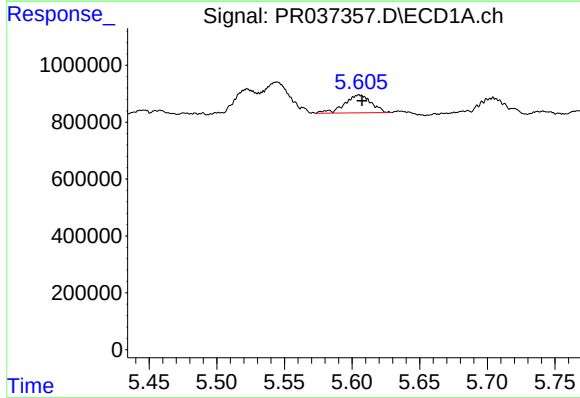
R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 1484850
Conc: 26.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



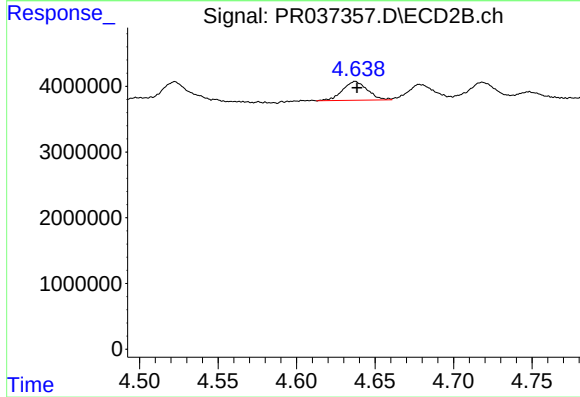
#17 AR-1242-2

R.T.: 4.467 min
Delta R.T.: -0.001 min
Response: 6838721
Conc: 29.97 ng/ml



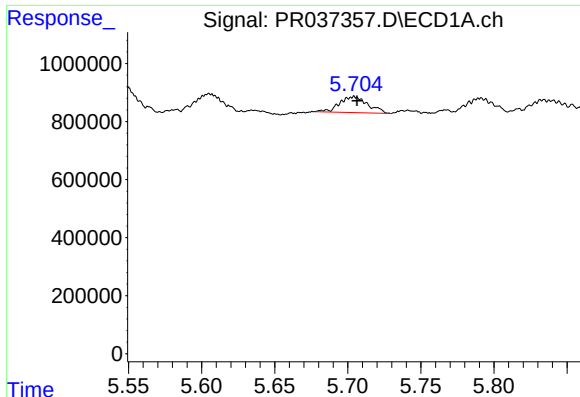
#18 AR-1242-3

R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 862745
Conc: 26.21 ng/ml



#18 AR-1242-3

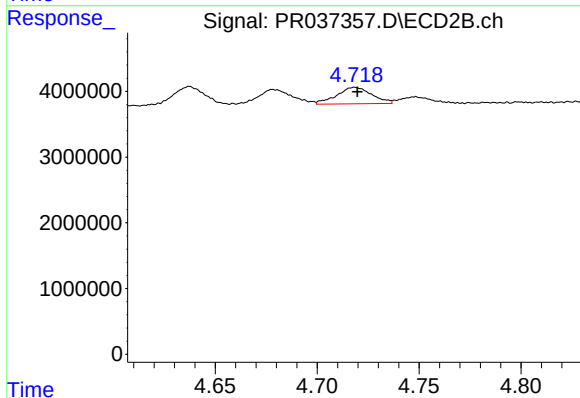
R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 3151479
Conc: 27.25 ng/ml



#19 AR-1242-4

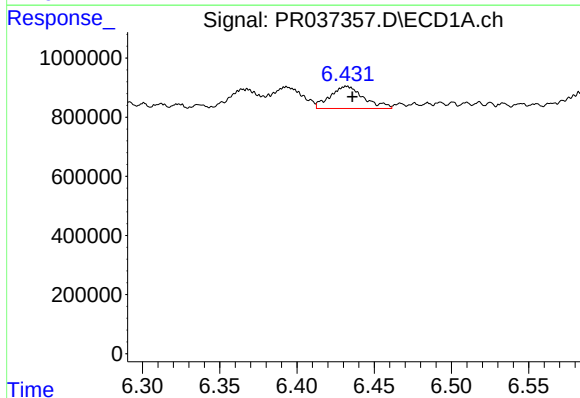
R.T.: 5.704 min
Delta R.T.: -0.002 min
Response: 739777
Conc: 28.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



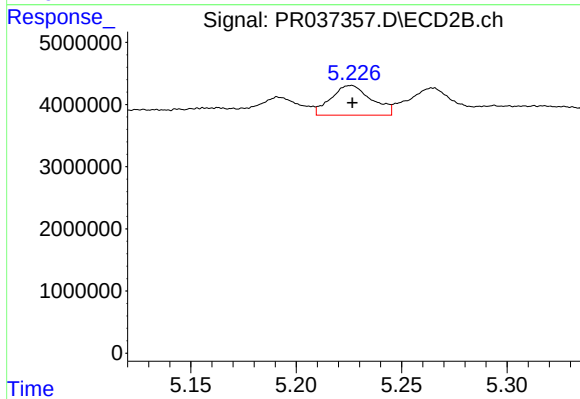
#19 AR-1242-4

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 2983490
Conc: 27.14 ng/ml



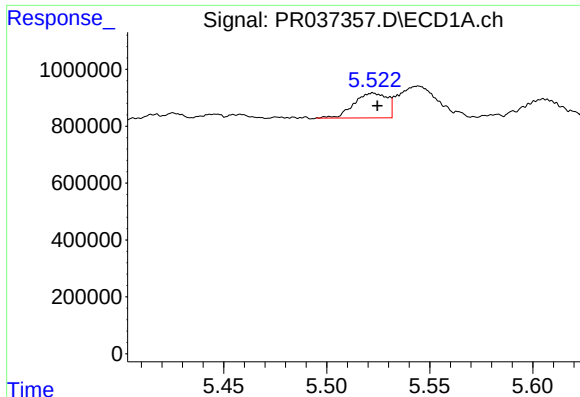
#20 AR-1242-5

R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 1135007
Conc: 35.27 ng/ml



#20 AR-1242-5

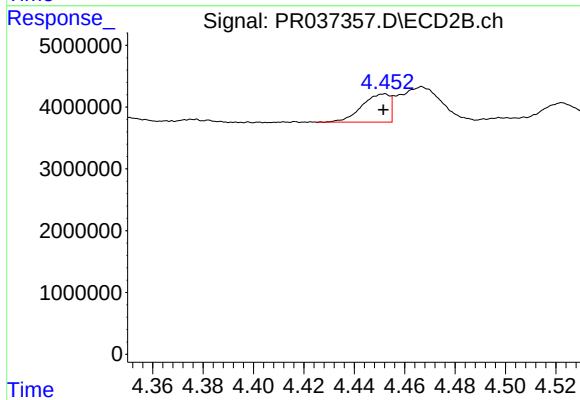
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 6398094
Conc: 38.61 ng/ml



#21 AR-1248-1

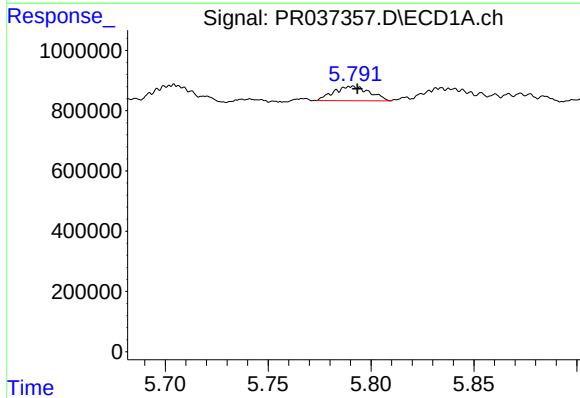
R.T.: 5.523 min
Delta R.T.: -0.002 min
Response: 971021
Conc: 42.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



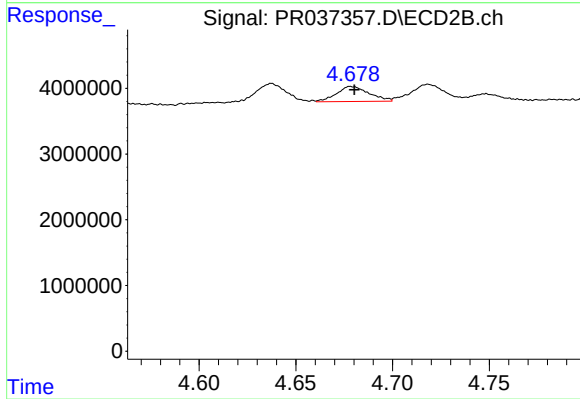
#21 AR-1248-1

R.T.: 4.452 min
Delta R.T.: 0.000 min
Response: 3484697
Conc: 34.62 ng/ml



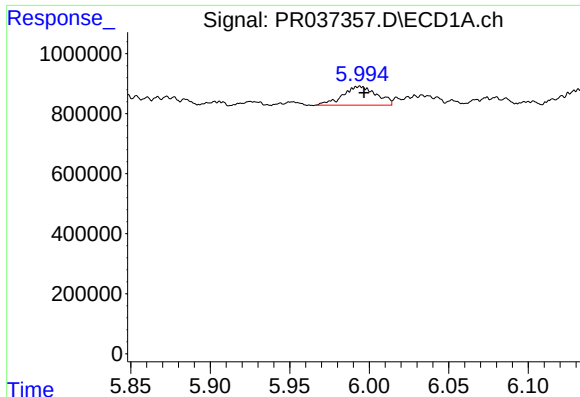
#22 AR-1248-2

R.T.: 5.791 min
Delta R.T.: -0.003 min
Response: 573439
Conc: 16.38 ng/ml



#22 AR-1248-2

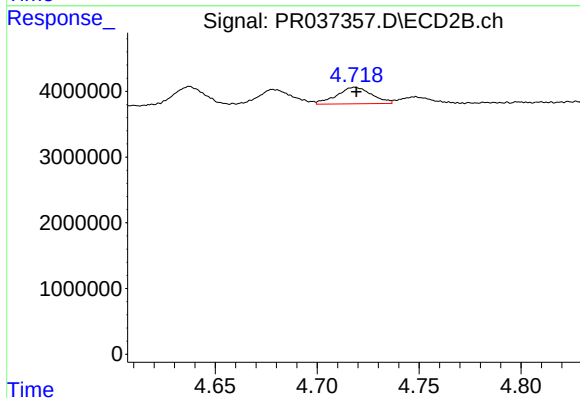
R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2681141
Conc: 19.65 ng/ml



#23 AR-1248-3

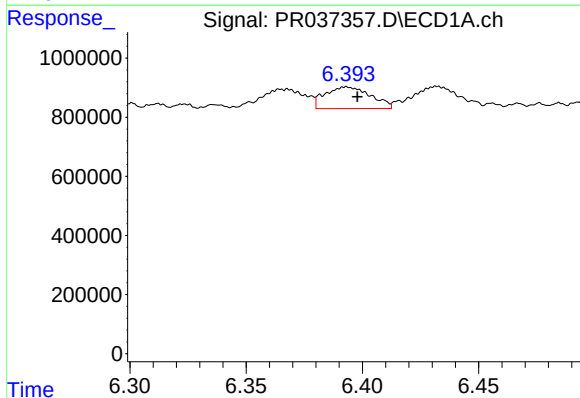
R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 919713
Conc: 22.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



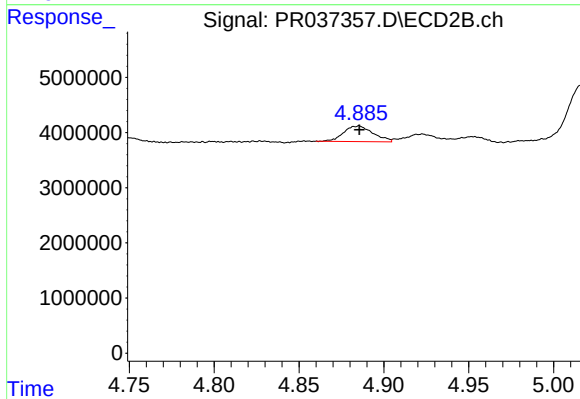
#23 AR-1248-3

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 2983490
Conc: 21.31 ng/ml



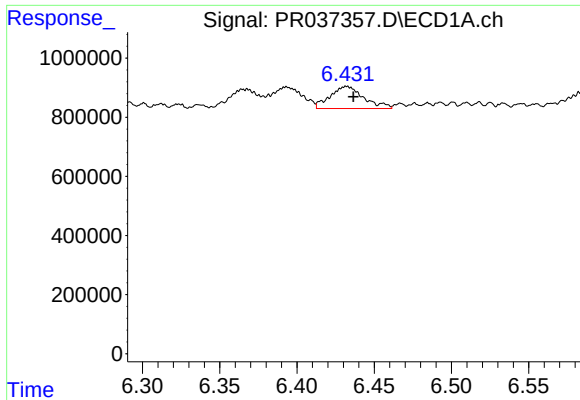
#24 AR-1248-4

R.T.: 6.393 min
Delta R.T.: -0.005 min
Response: 999791
Conc: 20.42 ng/ml



#24 AR-1248-4

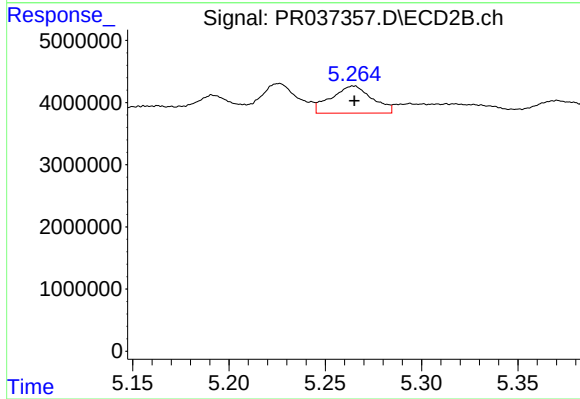
R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 3396915
Conc: 19.09 ng/ml



#25 AR-1248-5

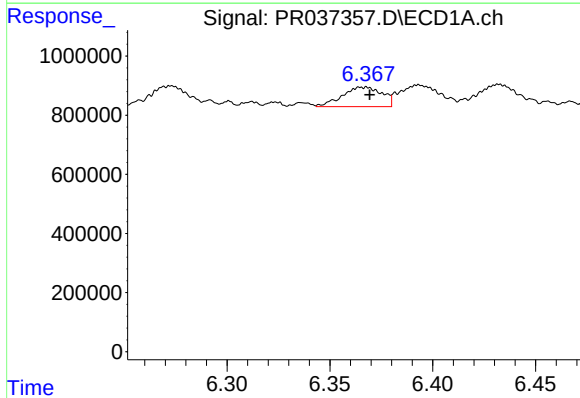
R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 1135007
Conc: 24.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



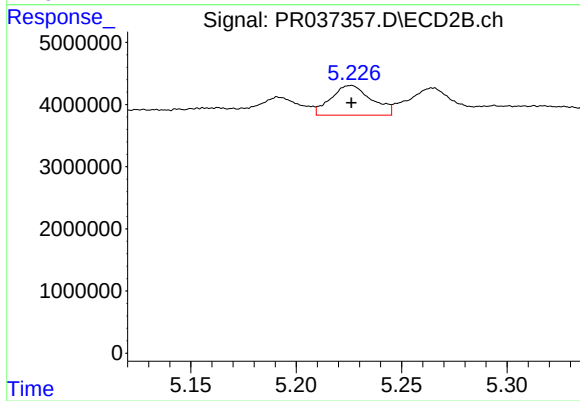
#25 AR-1248-5

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 6452080
Conc: 32.98 ng/ml



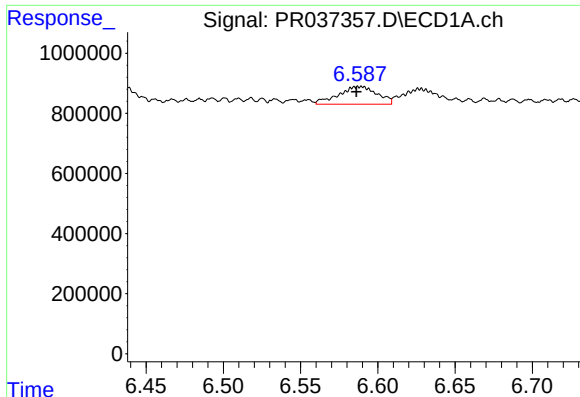
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 886534
Conc: 16.23 ng/ml



#26 AR-1254-1

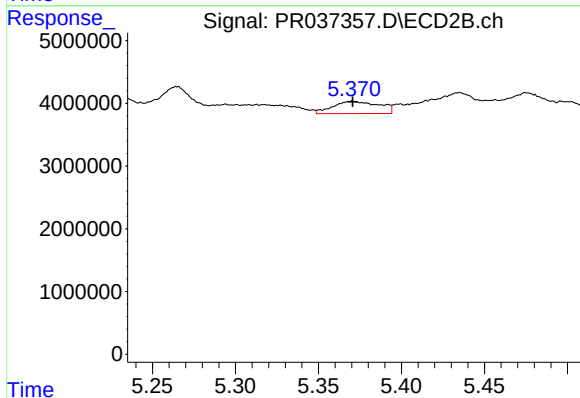
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 6398094
Conc: 18.57 ng/ml



#27 AR-1254-2

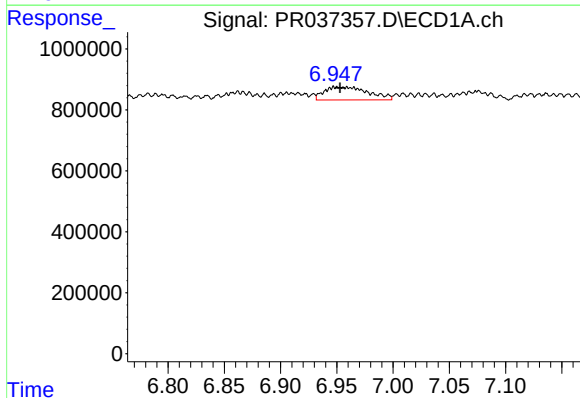
R.T.: 6.589 min
Delta R.T.: 0.003 min
Response: 1024802
Conc: 11.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



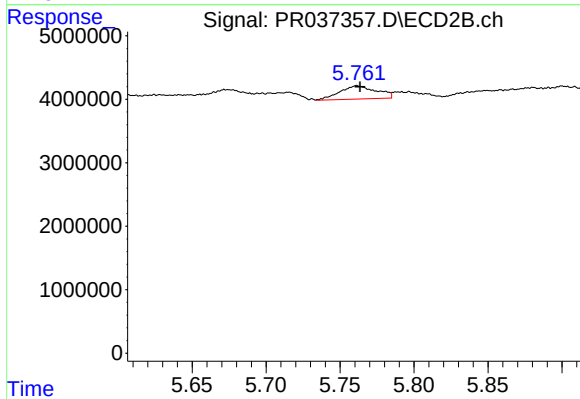
#27 AR-1254-2

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 3803651
Conc: 12.70 ng/ml



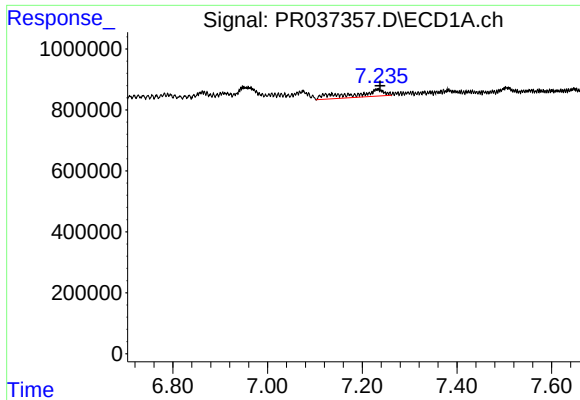
#28 AR-1254-3

R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 1167543
Conc: 12.84 ng/ml



#28 AR-1254-3

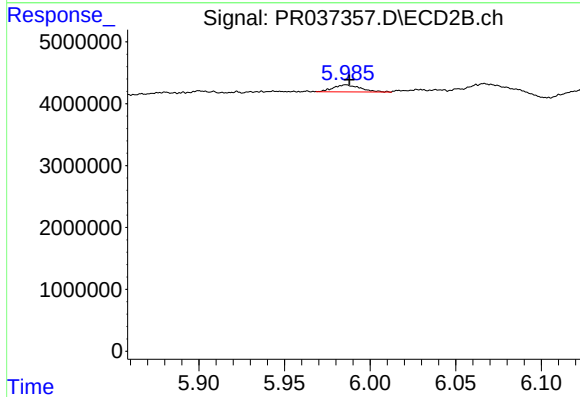
R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 3619186
Conc: 7.64 ng/ml



#29 AR-1254-4

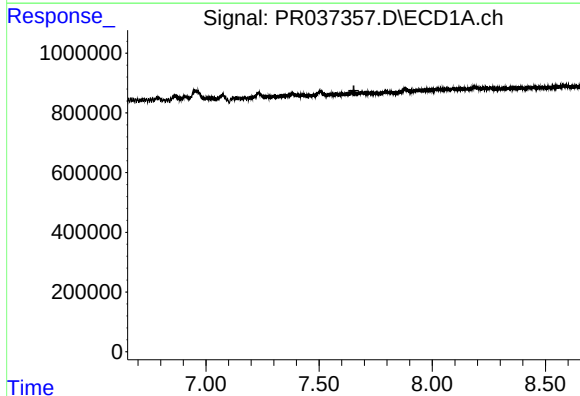
R.T.: 7.233 min
Delta R.T.: -0.005 min
Response: 1058426
Conc: 15.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



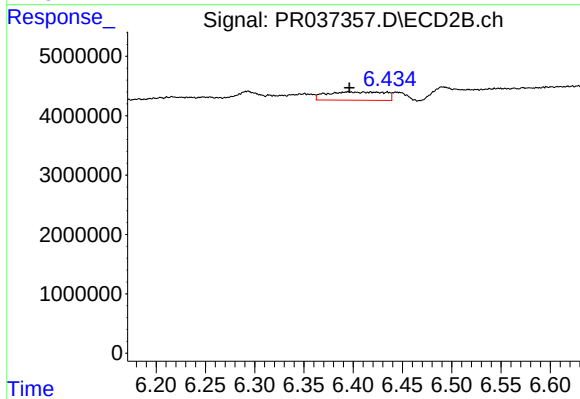
#29 AR-1254-4

R.T.: 5.986 min
Delta R.T.: -0.002 min
Response: 1253692
Conc: 3.58 ng/ml



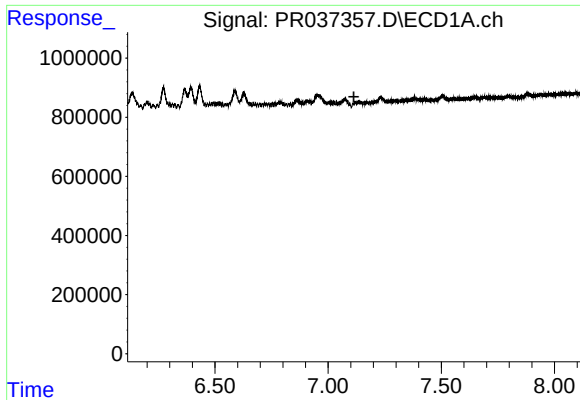
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.654 min
Response: 0
Conc: N.D.



#30 AR-1254-5

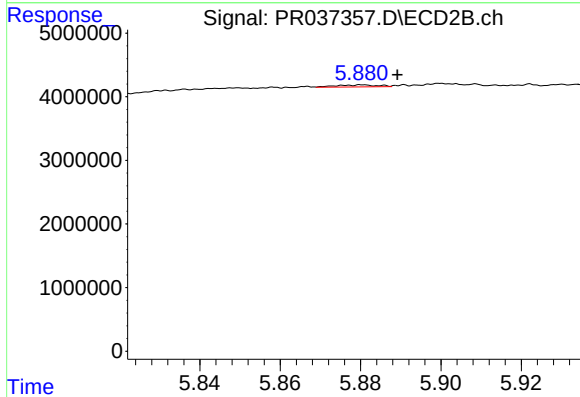
R.T.: 6.395 min
Delta R.T.: -0.001 min
Response: 5742112
Conc: 12.97 ng/ml



#31 AR-1260-1

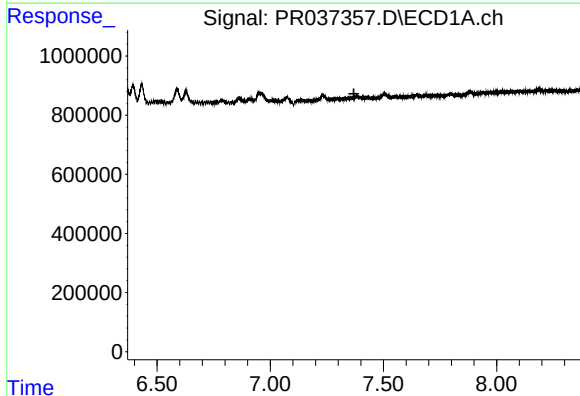
R.T.: 0.000 min
Exp R.T.: 7.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



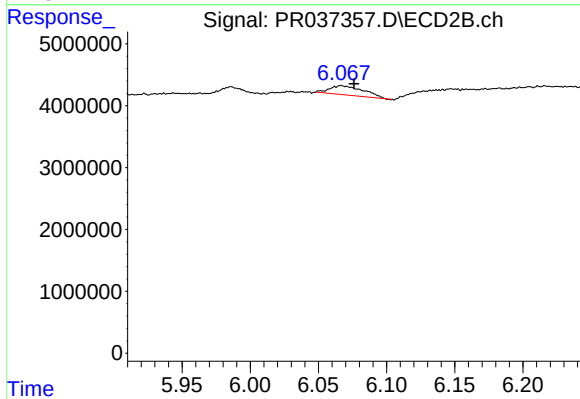
#31 AR-1260-1

R.T.: 5.881 min
Delta R.T.: -0.009 min
Response: 211873
Conc: 0.72 ng/ml



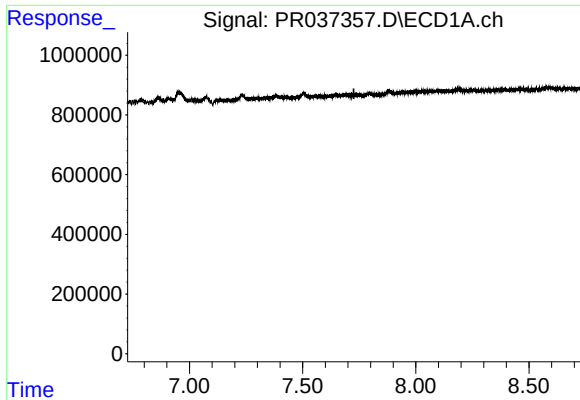
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.



#32 AR-1260-2

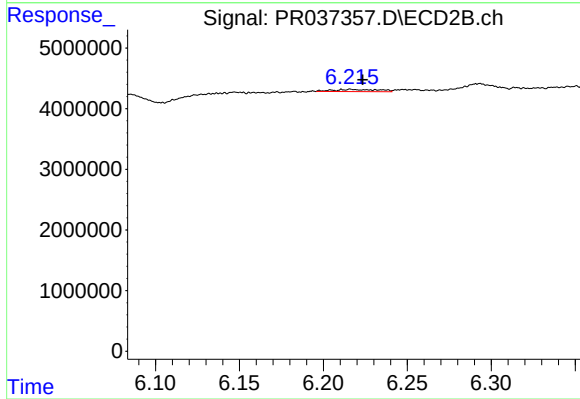
R.T.: 6.067 min
Delta R.T.: -0.010 min
Response: 2526034
Conc: 5.48 ng/ml



#33 AR-1260-3

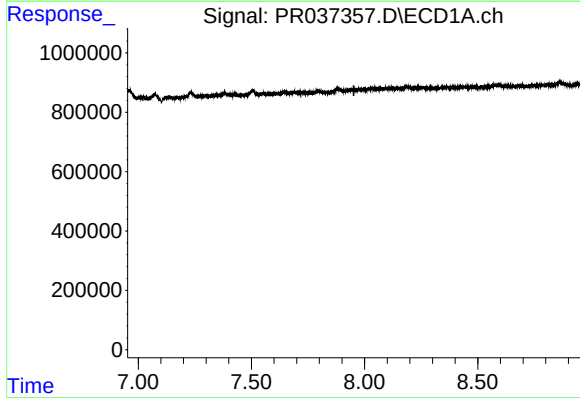
R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



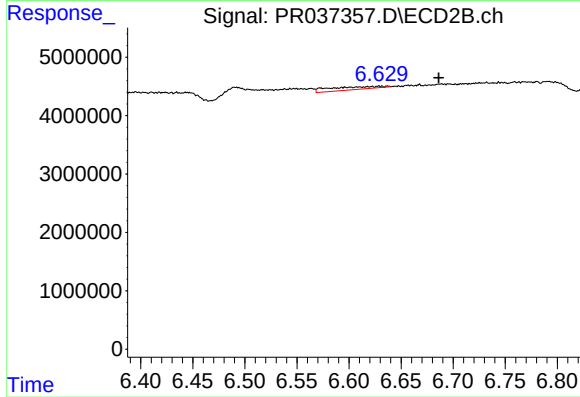
#33 AR-1260-3

R.T.: 6.216 min
Delta R.T.: -0.007 min
Response: 687154
Conc: 1.93 ng/ml



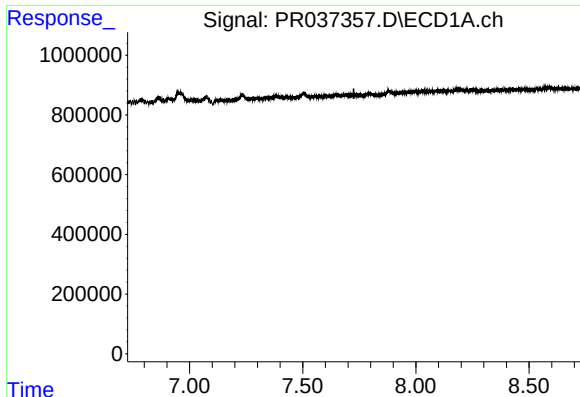
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.953 min
Response: 0
Conc: N.D.



#34 AR-1260-4

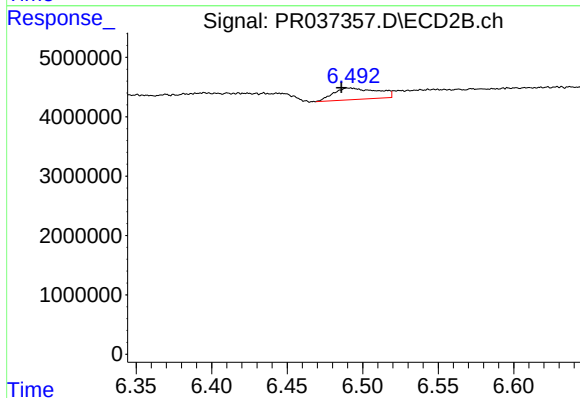
R.T.: 6.629 min
Delta R.T.: -0.057 min
Response: 1730915
Conc: 5.68 ng/ml



#36 AR-1262-1

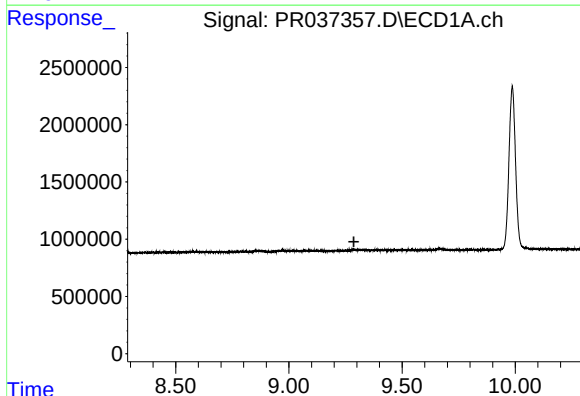
R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



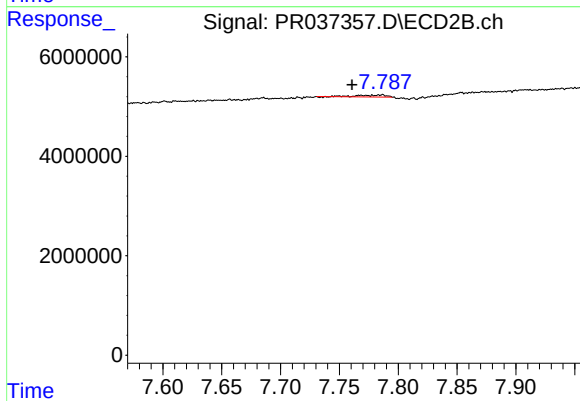
#36 AR-1262-1

R.T.: 6.491 min
Delta R.T.: 0.005 min
Response: 3898392
Conc: 15.55 ng/ml



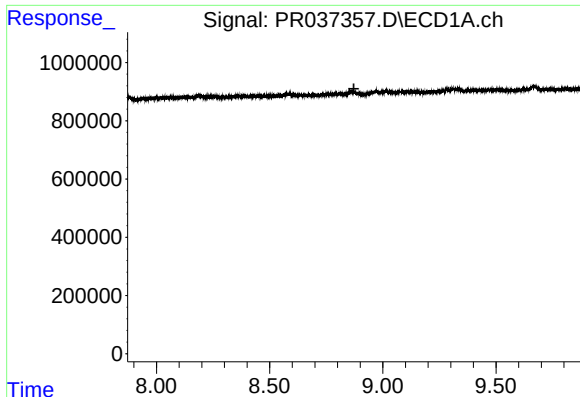
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.287 min
Response: 0
Conc: N.D.



#40 AR-1262-5

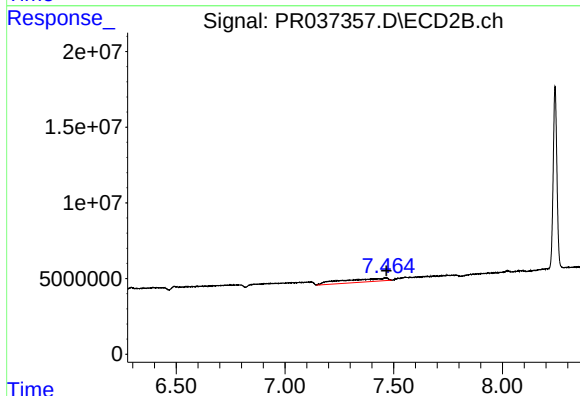
R.T.: 7.785 min
Delta R.T.: 0.024 min
Response: 608807
Conc: 1.59 ng/ml



#43 AR-1268-3

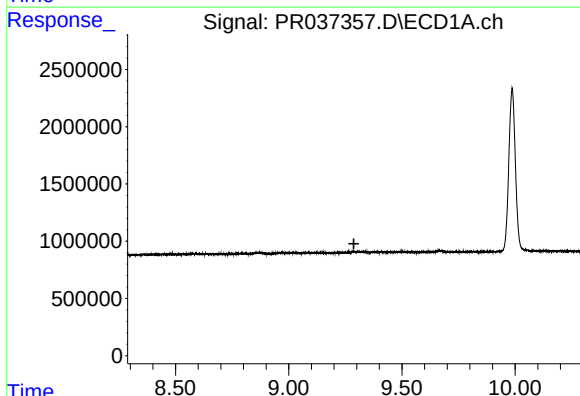
R.T.: 0.000 min
Exp R.T.: 8.872 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



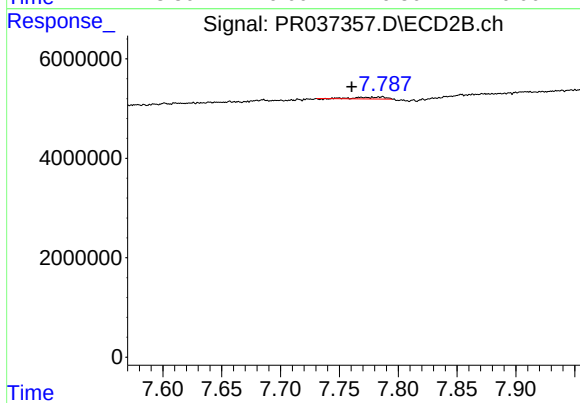
#43 AR-1268-3

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 32155147
Conc: 36.28 ng/ml



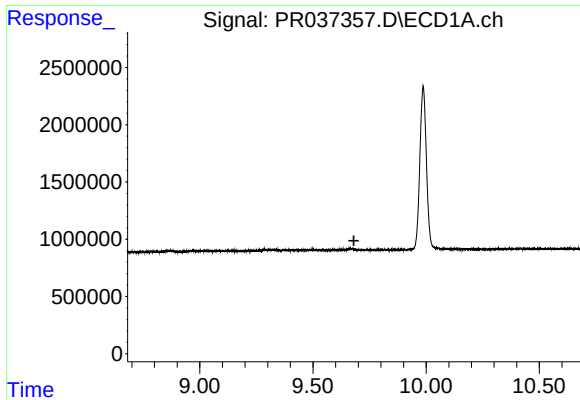
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.288 min
Response: 0
Conc: N.D.



#44 AR-1268-4

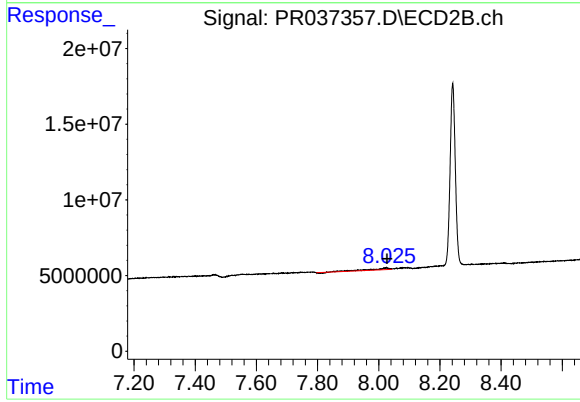
R.T.: 7.785 min
Delta R.T.: 0.024 min
Response: 608807
Conc: 1.68 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



#45 AR-1268-5

R.T.: 8.024 min
Delta R.T.: -0.003 min
Response: 4946587
Conc: 1.94 ng/ml