

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR050924\
 Data File : PR066590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 14:20
 Operator : AJ\MA
 Sample : P2403-07
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 01:08:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042424.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 26 07:26:35 2024
 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...	3.653	2.895	104.8E6	88672625	19.992	19.839
2) SA Decachlor...	9.536	8.125	44717855	84657251	19.095	18.037
Target Compounds						
3) L1 AR-1016-1	4.895	4.038f	1214880	2091042	8.499	13.842 #
4) L1 AR-1016-2	4.895	4.038	1214880	2091042	5.555	9.745 #
5) L1 AR-1016-3	4.966	4.200	1235503	77824	8.508	0.664 #
6) L1 AR-1016-4	5.046f	4.277f	5476967	1298898	47.666	13.464 #
8) L2 AR-1221-1	3.874	3.119	2071727	1457188	34.311	26.896
9) L2 AR-1221-2	3.964	3.198	2654852	2436436	60.079	58.683
10) L2 AR-1221-3	4.041	3.281	3399794	3165216	26.176	26.198
11) L3 AR-1232-1	4.041	3.281	3399794	3165216	31.927	31.534
12) L3 AR-1232-2	4.583	4.038	641024	2091042	10.446	21.011 #
13) L3 AR-1232-3	4.895	4.200	1214880	77824	11.887	1.453 #
14) L3 AR-1232-4	5.046f	4.277f	5476967	1298898	101.711	26.781 #
15) L3 AR-1232-5	5.151f	0.000	1283315	0	31.896	N.D. #
16) L4 AR-1242-1	4.895	0.000	1214880	0	10.207	N.D. #
17) L4 AR-1242-2	4.895	4.038	1214880	2091042	6.759	11.798 #
18) L4 AR-1242-3	4.966	4.200	1235503	77824	10.371	0.810 #
19) L4 AR-1242-4	5.046f	4.277f	5476967	1298898	57.858	13.606 #
20) L4 AR-1242-5	5.854	4.835	1816454	1101444	20.200	8.968 #
21) L5 AR-1248-1	4.895f	0.000	1214880	0	14.037	N.D. #
22) L5 AR-1248-2	5.151f	4.277f	1283315	1298898	9.641	9.599
23) L5 AR-1248-3	5.353f	4.277f	190506	1298898	1.269	9.434 #
25) L5 AR-1248-5	5.854	4.873	1816454	615112	12.684	3.812 #
26) L6 AR-1254-1	5.779	4.835	1160293	1101444	6.982	4.482 #
28) L6 AR-1254-3	6.419	5.395f	179482	5320459	0.726	15.478 #
29) L6 AR-1254-4	6.732	5.686f	216722	467360	1.365	2.189 #
30) L6 AR-1254-5	7.148f	6.110	613120	1564145	3.440	4.861 #
31) L7 AR-1260-1	6.591	5.562	1967111	894700	9.466	3.530 #
32) L7 AR-1260-2	6.845f	0.000	317661	0	1.432	N.D. #
33) L7 AR-1260-3	7.259	5.925	1556736	1691404	9.283	5.810 #
34) L7 AR-1260-4	7.487f	6.438f	1016371	275837	5.704	1.105 #
35) L7 AR-1260-5	7.842	6.691	646948	97701	2.215	0.174 #
36) L8 AR-1262-1	7.259	0.000	1556736	0	6.824	N.D. #
37) L8 AR-1262-2	7.842	6.438f	646948	275837	2.037	0.896 #
38) L8 AR-1262-3	8.142	6.977	472163	80627	2.230	0.333 #
39) L8 AR-1262-4	8.258f	7.088f	241944	469623	2.215	1.069 #
41) L9 AR-1268-1	8.142	6.977	472163	80627	1.211	0.111 #
42) L9 AR-1268-2	8.258f	7.088f	241944	469623	0.704	0.732
43) L9 AR-1268-3	8.482f	7.276	189928	373211	0.619	0.658
45) L9 AR-1268-5	0.000	7.884	0	827026	N.D.	0.510 #

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Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 01:08:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042424.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 26 07:26:35 2024
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
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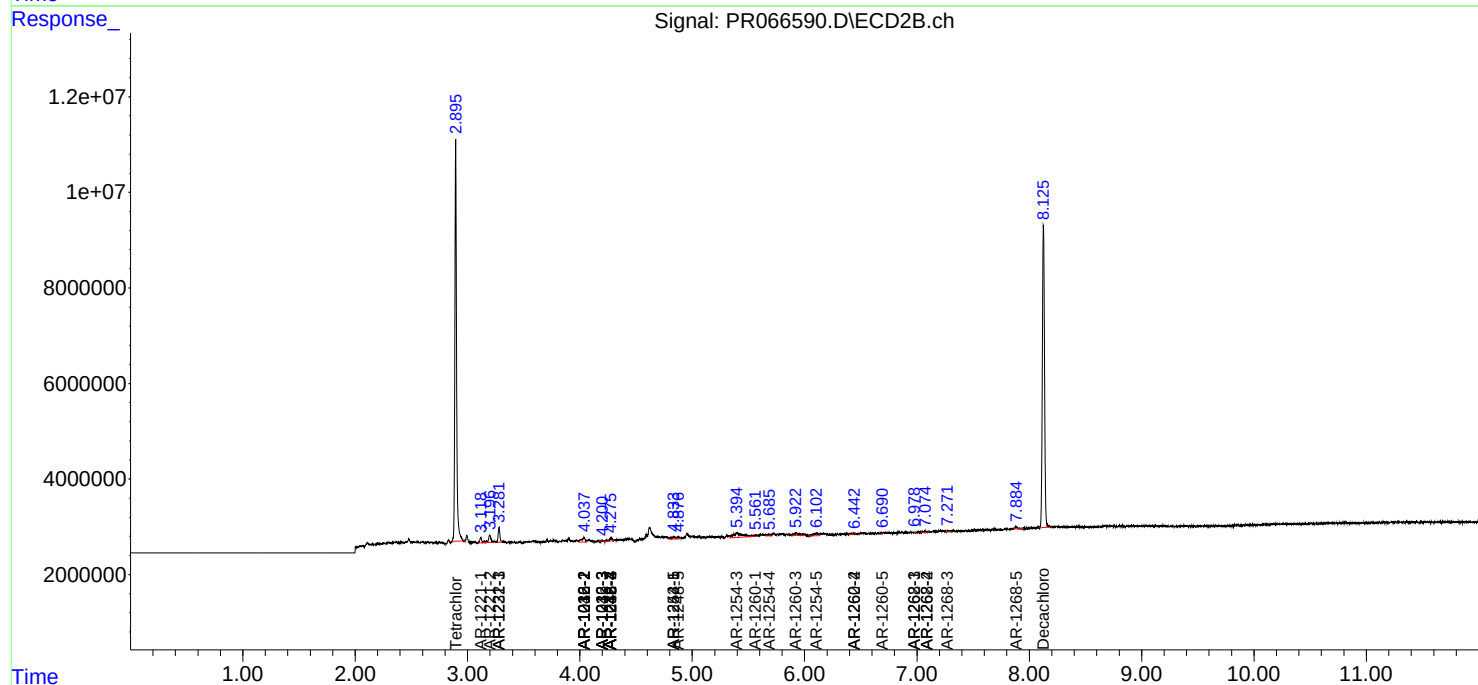
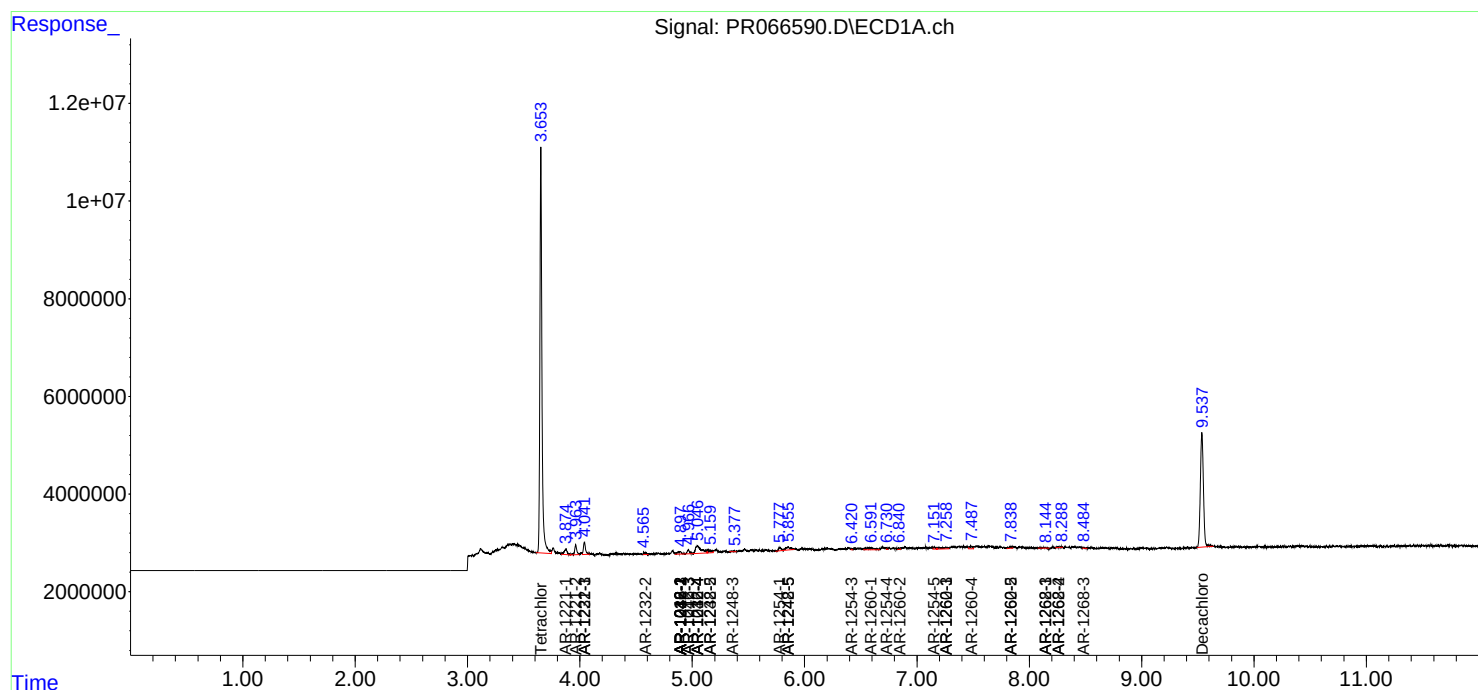
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

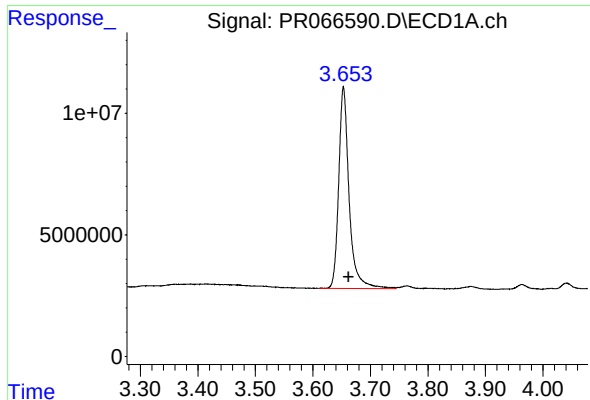
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR050924\
Data File : PR066590.D
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Acq On : 09 May 2024 14:20
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Quant Time: May 10 01:08:39 2024
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Signal #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

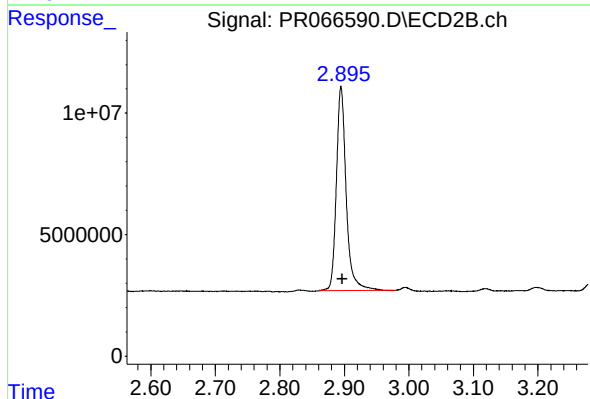




#1 Tetrachloro-m-xylene

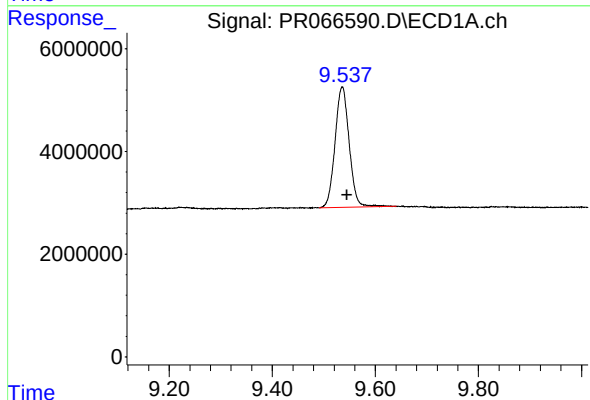
R.T.: 3.653 min
Delta R.T.: -0.009 min
Response: 10478666
Conc: 19.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



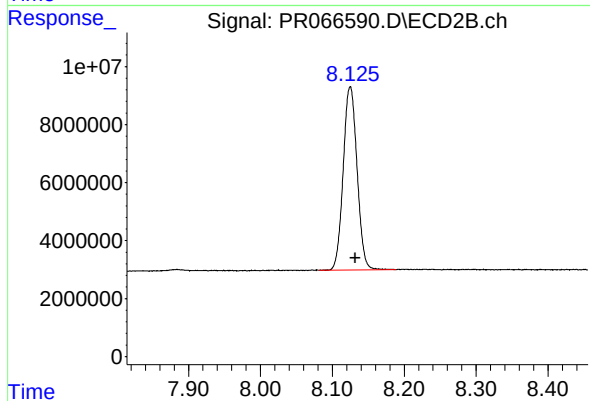
#1 Tetrachloro-m-xylene

R.T.: 2.895 min
Delta R.T.: -0.002 min
Response: 88672625
Conc: 19.84 ng/ml



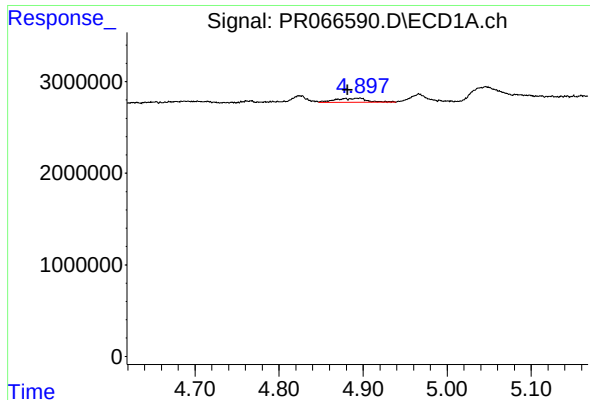
#2 Decachlorobiphenyl

R.T.: 9.536 min
Delta R.T.: -0.009 min
Response: 44717855
Conc: 19.10 ng/ml



#2 Decachlorobiphenyl

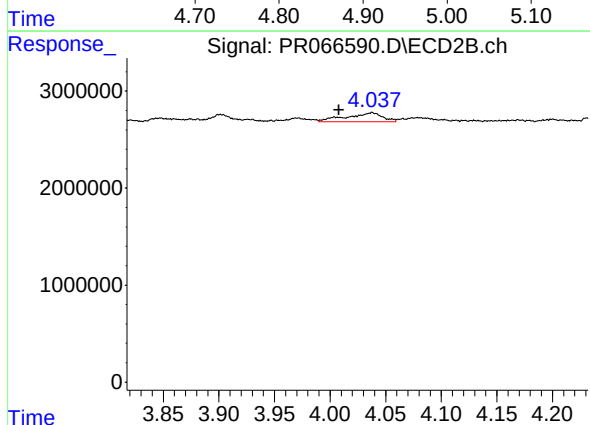
R.T.: 8.125 min
Delta R.T.: -0.007 min
Response: 84657251
Conc: 18.04 ng/ml



#3 AR-1016-1

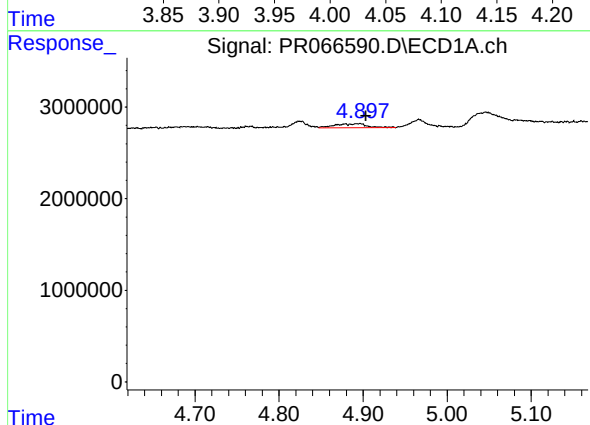
R.T.: 4.895 min
Delta R.T.: 0.013 min
Response: 1214880
Conc: 8.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



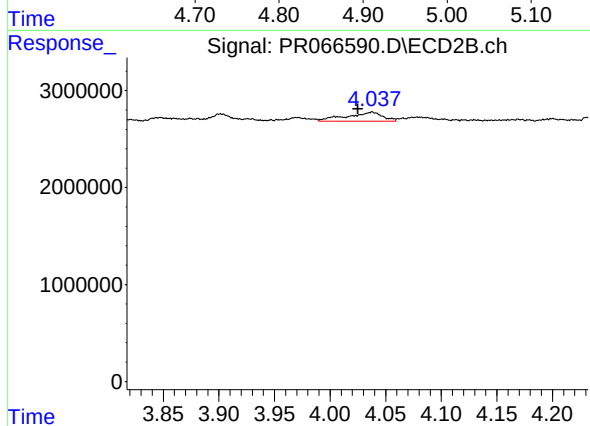
#3 AR-1016-1

R.T.: 4.038 min
Delta R.T.: 0.030 min
Response: 2091042
Conc: 13.84 ng/ml



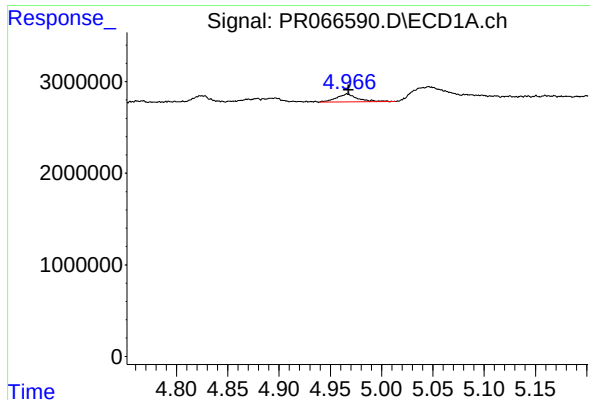
#4 AR-1016-2

R.T.: 4.895 min
Delta R.T.: -0.009 min
Response: 1214880
Conc: 5.56 ng/ml



#4 AR-1016-2

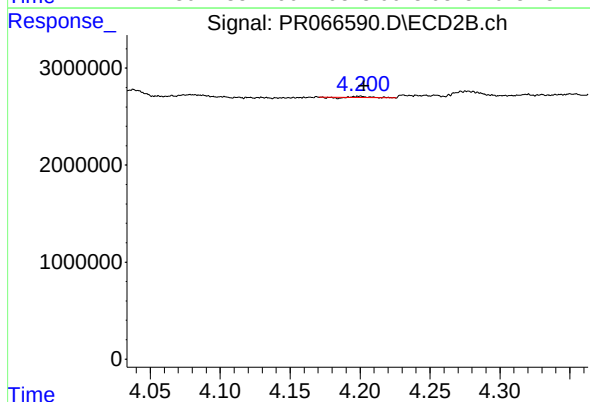
R.T.: 4.038 min
Delta R.T.: 0.012 min
Response: 2091042
Conc: 9.75 ng/ml



#5 AR-1016-3

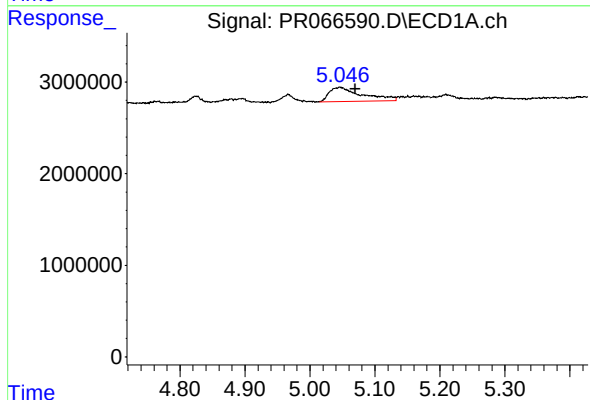
R.T.: 4.966 min
Delta R.T.: -0.001 min
Response: 1235503
Conc: 8.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



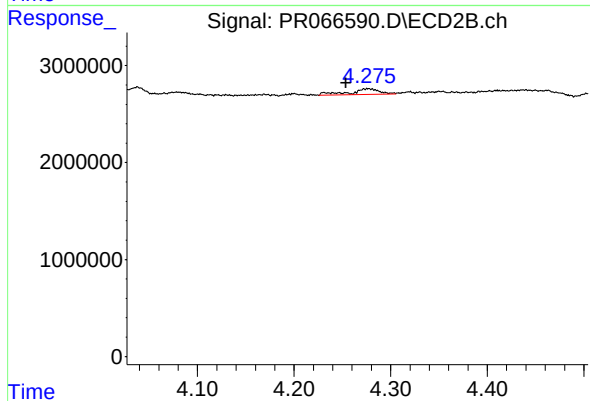
#5 AR-1016-3

R.T.: 4.200 min
Delta R.T.: -0.003 min
Response: 77824
Conc: 0.66 ng/ml



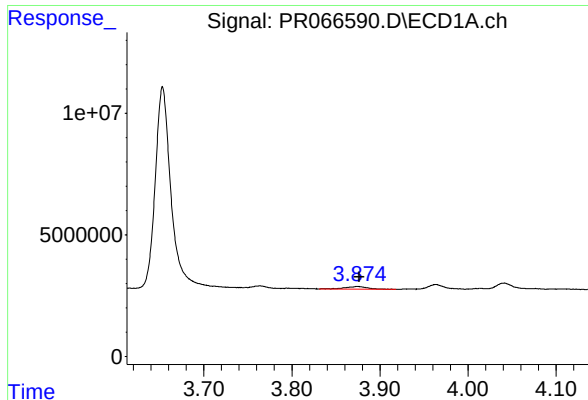
#6 AR-1016-4

R.T.: 5.046 min
Delta R.T.: -0.023 min
Response: 5476967
Conc: 47.67 ng/ml



#6 AR-1016-4

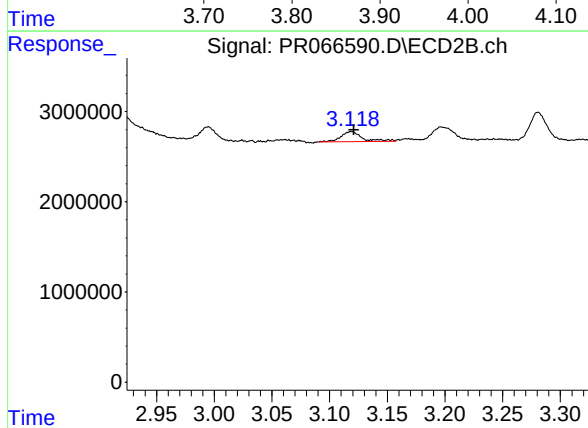
R.T.: 4.277 min
Delta R.T.: 0.023 min
Response: 1298898
Conc: 13.46 ng/ml



#8 AR-1221-1

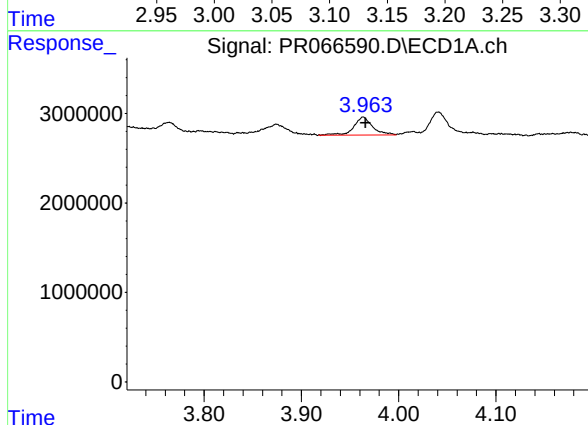
R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 2071727
Conc: 34.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



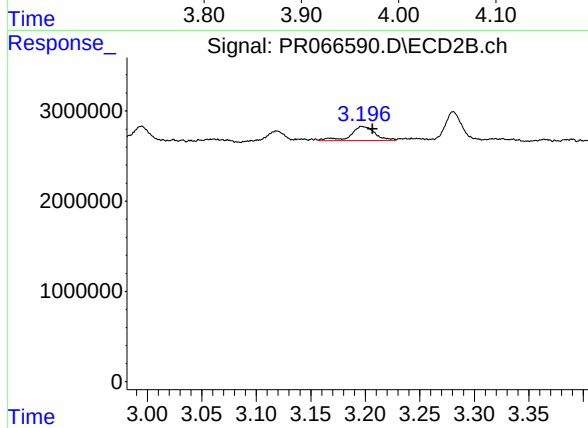
#8 AR-1221-1

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 1457188
Conc: 26.90 ng/ml



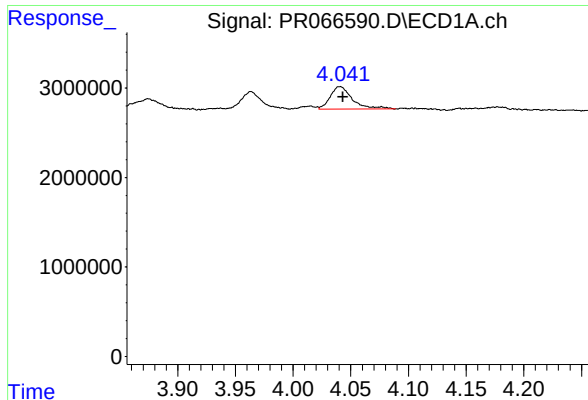
#9 AR-1221-2

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 2654852
Conc: 60.08 ng/ml



#9 AR-1221-2

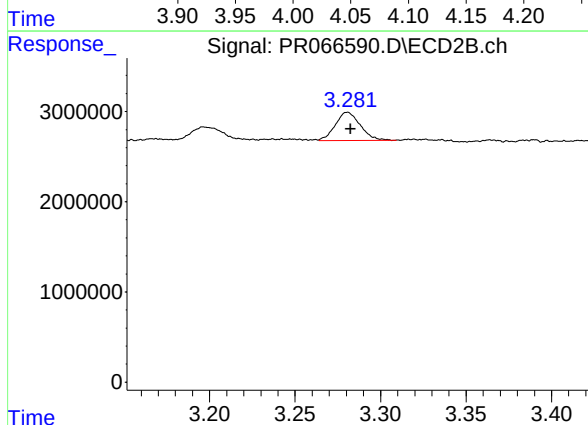
R.T.: 3.198 min
Delta R.T.: -0.009 min
Response: 2436436
Conc: 58.68 ng/ml



#10 AR-1221-3

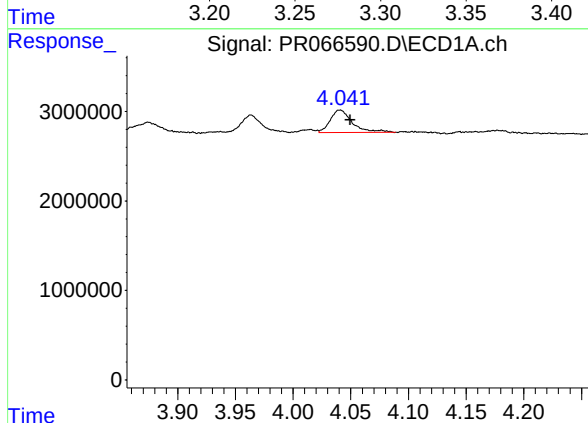
R.T.: 4.041 min
Delta R.T.: -0.003 min
Response: 3399794
Conc: 26.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



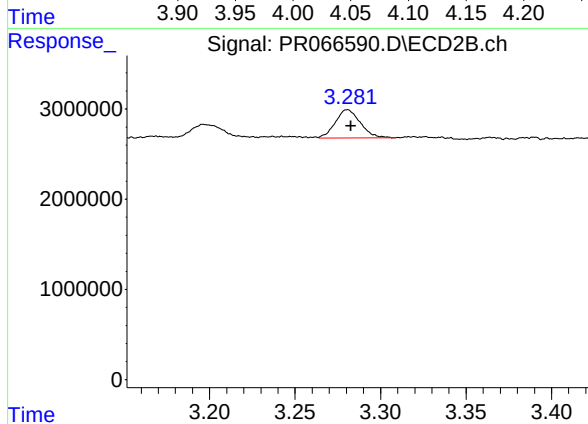
#10 AR-1221-3

R.T.: 3.281 min
Delta R.T.: -0.002 min
Response: 3165216
Conc: 26.20 ng/ml



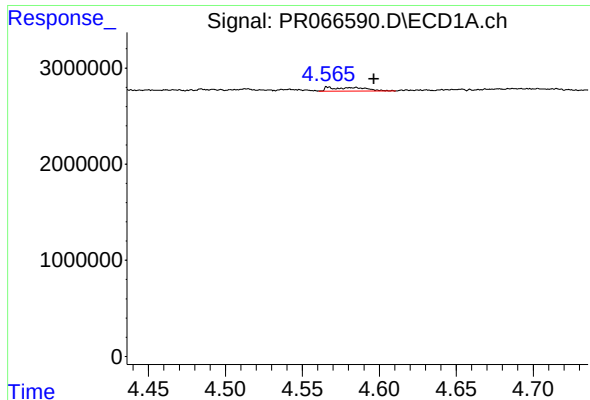
#11 AR-1232-1

R.T.: 4.041 min
Delta R.T.: -0.009 min
Response: 3399794
Conc: 31.93 ng/ml



#11 AR-1232-1

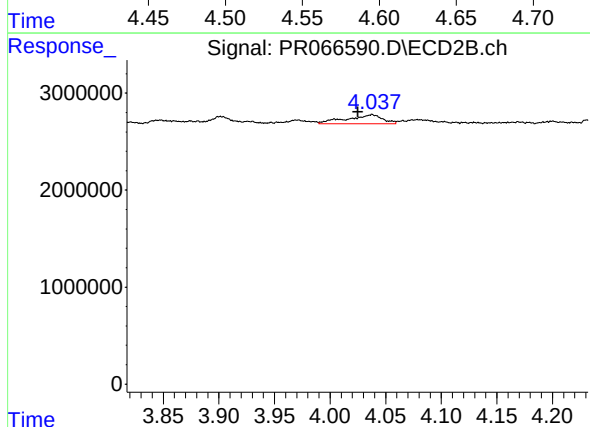
R.T.: 3.281 min
Delta R.T.: -0.002 min
Response: 3165216
Conc: 31.53 ng/ml



#12 AR-1232-2

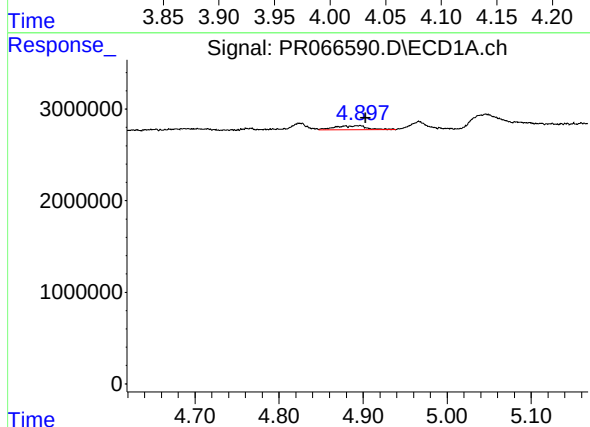
R.T.: 4.583 min
Delta R.T.: -0.013 min
Response: 641024
Conc: 10.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



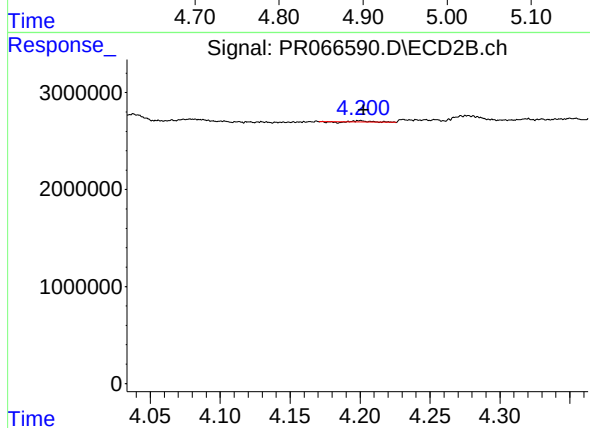
#12 AR-1232-2

R.T.: 4.038 min
Delta R.T.: 0.012 min
Response: 2091042
Conc: 21.01 ng/ml



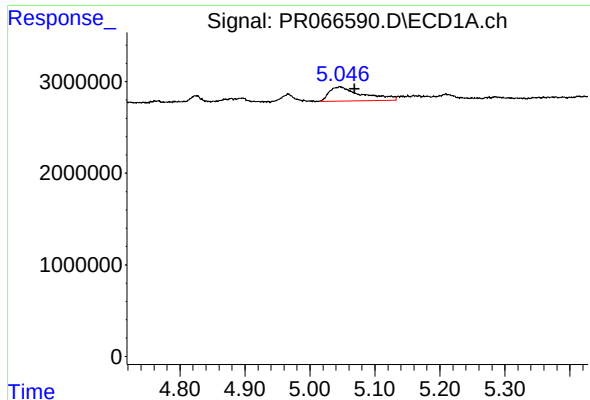
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 1214880
Conc: 11.89 ng/ml



#13 AR-1232-3

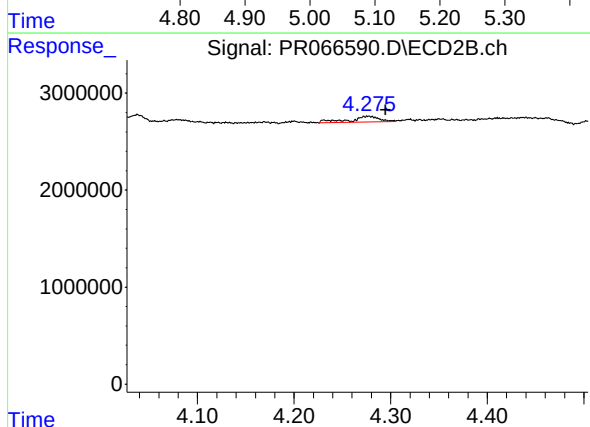
R.T.: 4.200 min
Delta R.T.: -0.003 min
Response: 77824
Conc: 1.45 ng/ml



#14 AR-1232-4

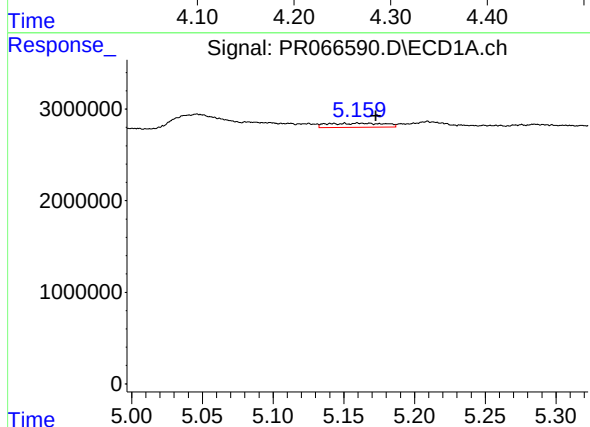
R.T.: 5.046 min
Delta R.T.: -0.023 min
Response: 5476967
Conc: 101.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



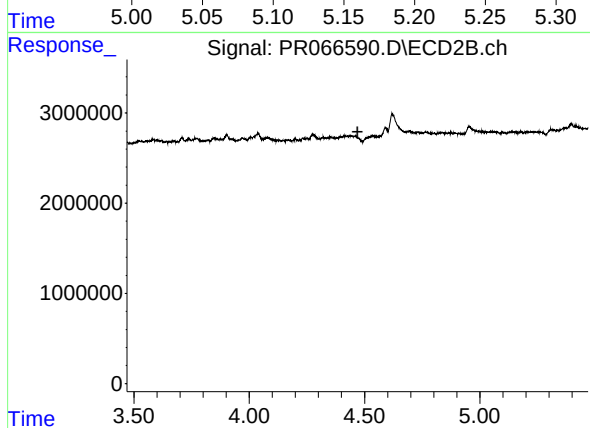
#14 AR-1232-4

R.T.: 4.277 min
Delta R.T.: -0.018 min
Response: 1298898
Conc: 26.78 ng/ml



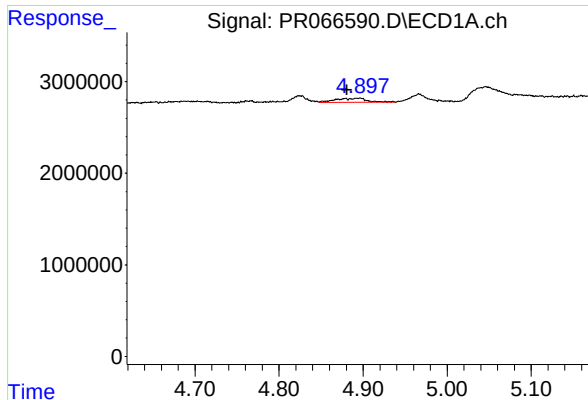
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: -0.021 min
Response: 1283315
Conc: 31.90 ng/ml



#15 AR-1232-5

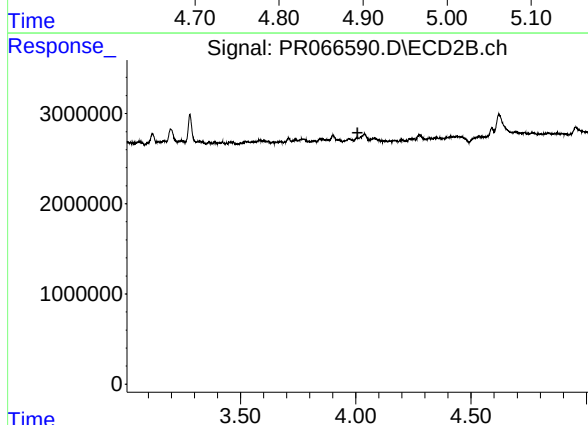
R.T.: 0.000 min
Exp R.T.: 4.469 min
Response: 0
Conc: N.D.



#16 AR-1242-1

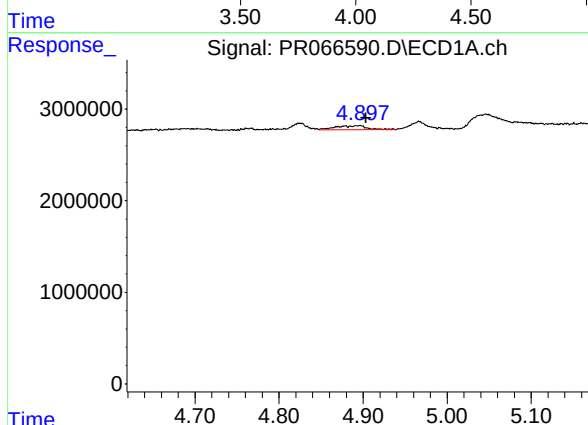
R.T.: 4.895 min
Delta R.T.: 0.014 min
Response: 1214880
Conc: 10.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



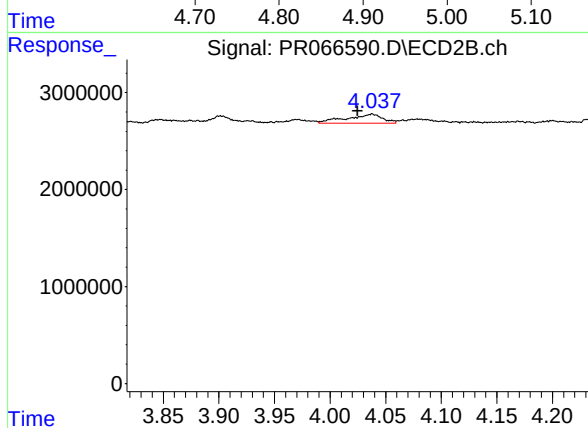
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 4.007 min
Response: 0
Conc: N.D.



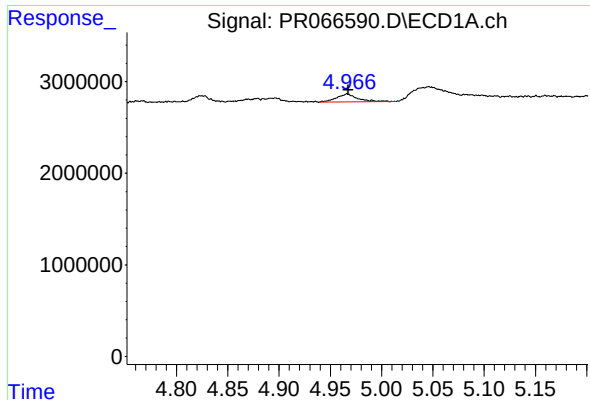
#17 AR-1242-2

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 1214880
Conc: 6.76 ng/ml



#17 AR-1242-2

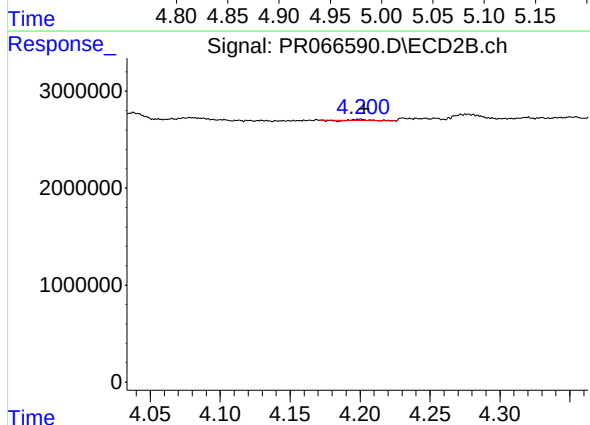
R.T.: 4.038 min
Delta R.T.: 0.013 min
Response: 2091042
Conc: 11.80 ng/ml



#18 AR-1242-3

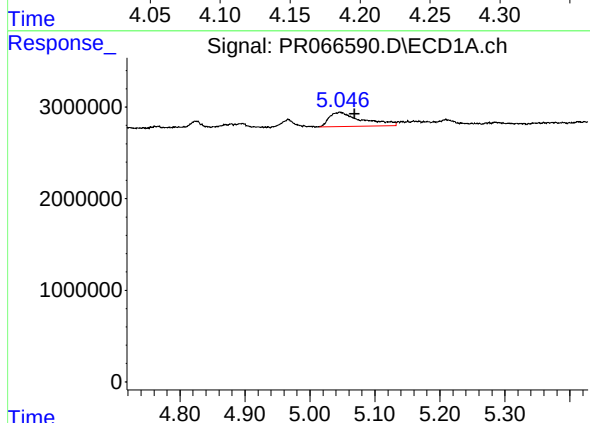
R.T.: 4.966 min
Delta R.T.: -0.001 min
Response: 1235503
Conc: 10.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



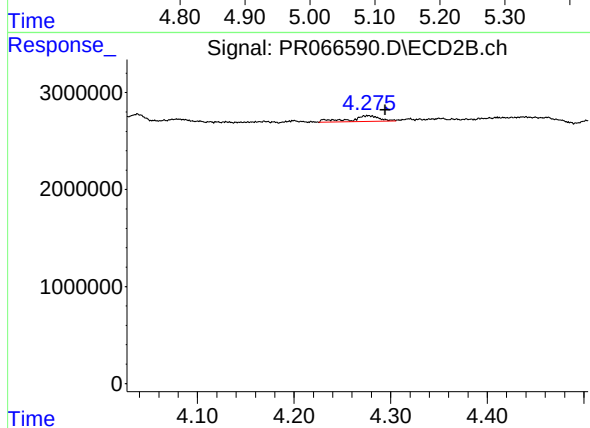
#18 AR-1242-3

R.T.: 4.200 min
Delta R.T.: -0.003 min
Response: 77824
Conc: 0.81 ng/ml



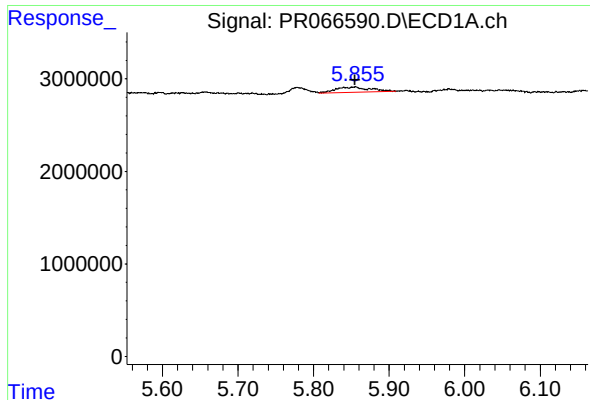
#19 AR-1242-4

R.T.: 5.046 min
Delta R.T.: -0.023 min
Response: 5476967
Conc: 57.86 ng/ml



#19 AR-1242-4

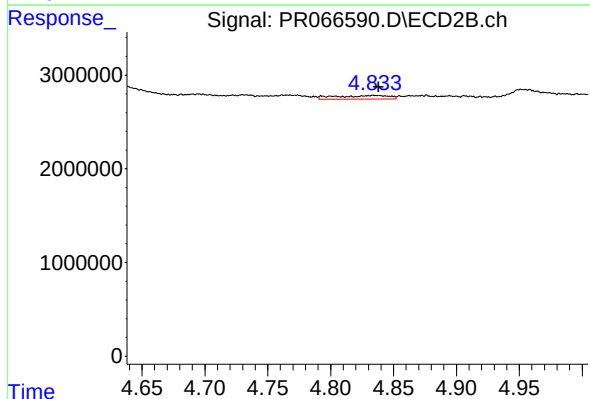
R.T.: 4.277 min
Delta R.T.: -0.018 min
Response: 1298898
Conc: 13.61 ng/ml



#20 AR-1242-5

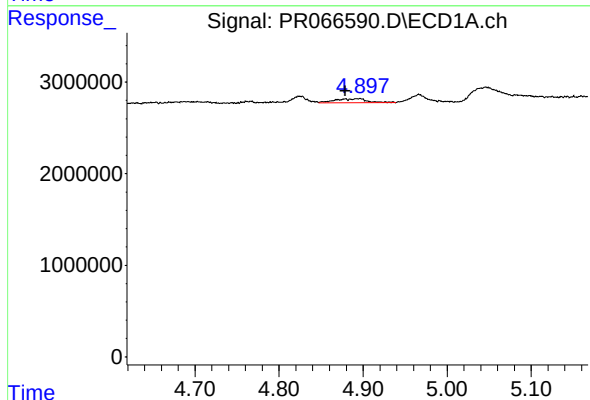
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 1816454
Conc: 20.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



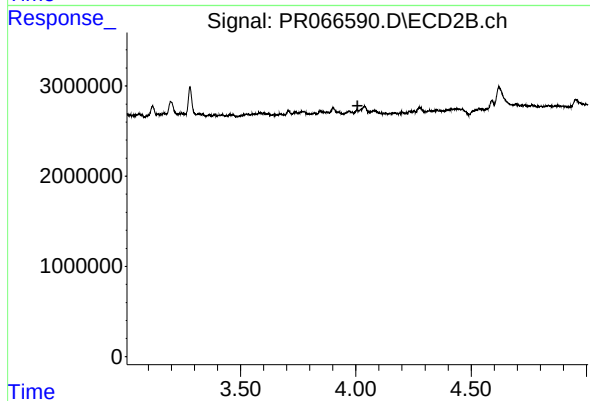
#20 AR-1242-5

R.T.: 4.835 min
Delta R.T.: -0.003 min
Response: 1101444
Conc: 8.97 ng/ml



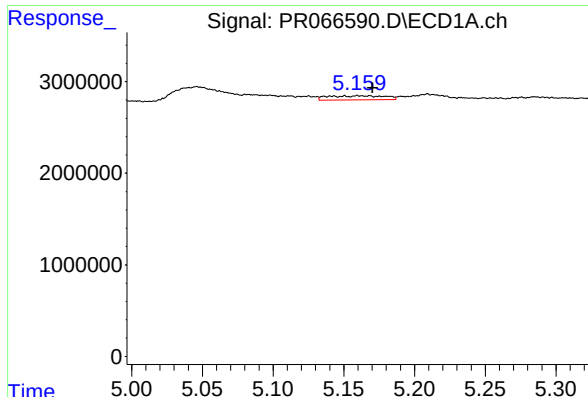
#21 AR-1248-1

R.T.: 4.895 min
Delta R.T.: 0.016 min
Response: 1214880
Conc: 14.04 ng/ml



#21 AR-1248-1

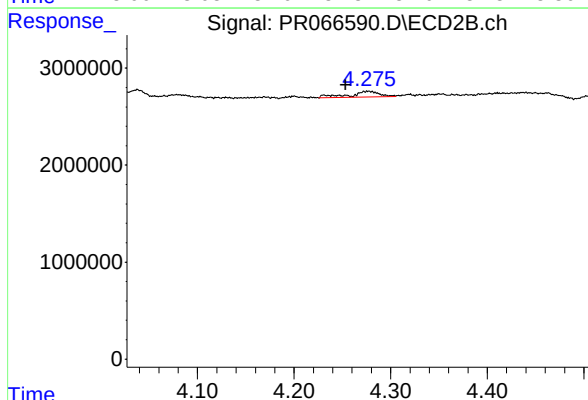
R.T.: 0.000 min
Exp R.T.: 4.007 min
Response: 0
Conc: N.D.



#22 AR-1248-2

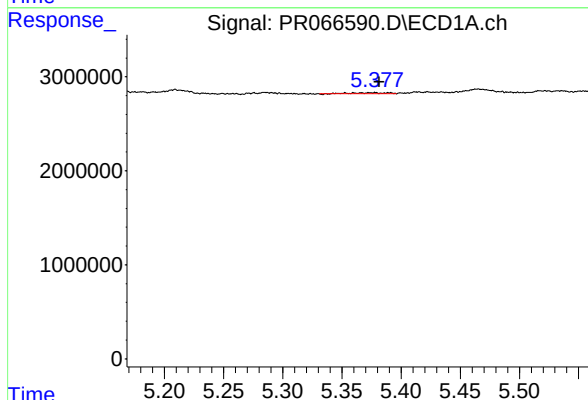
R.T.: 5.151 min
Delta R.T.: -0.019 min
Response: 1283315
Conc: 9.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



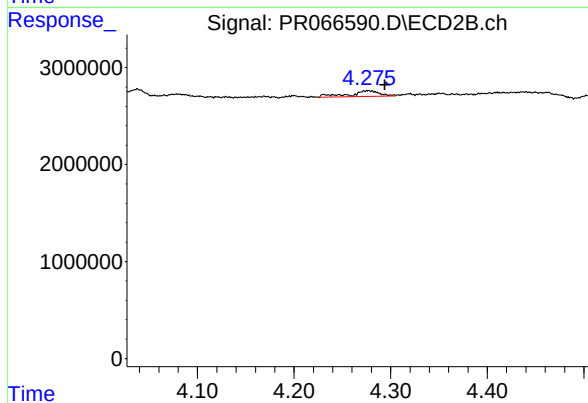
#22 AR-1248-2

R.T.: 4.277 min
Delta R.T.: 0.023 min
Response: 1298898
Conc: 9.60 ng/ml



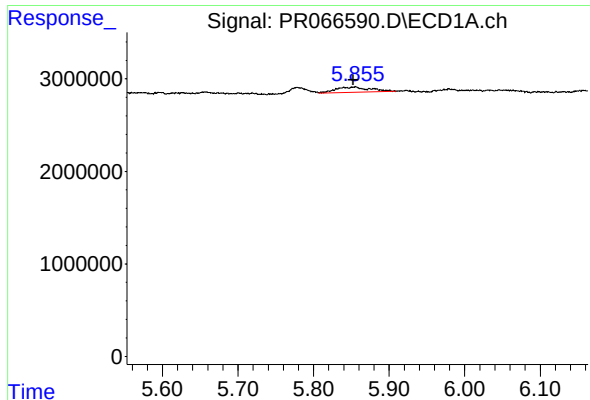
#23 AR-1248-3

R.T.: 5.353 min
Delta R.T.: -0.028 min
Response: 190506
Conc: 1.27 ng/ml



#23 AR-1248-3

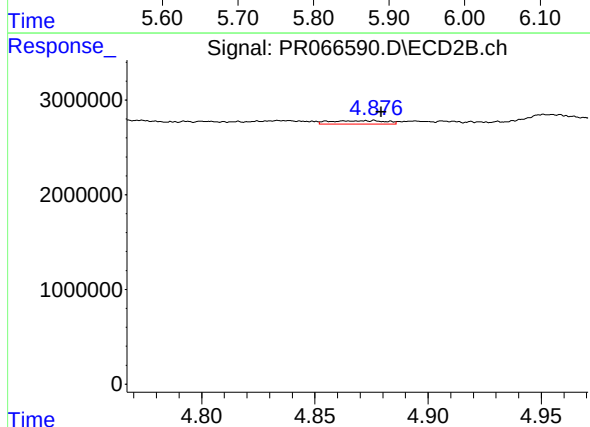
R.T.: 4.277 min
Delta R.T.: -0.018 min
Response: 1298898
Conc: 9.43 ng/ml



#25 AR-1248-5

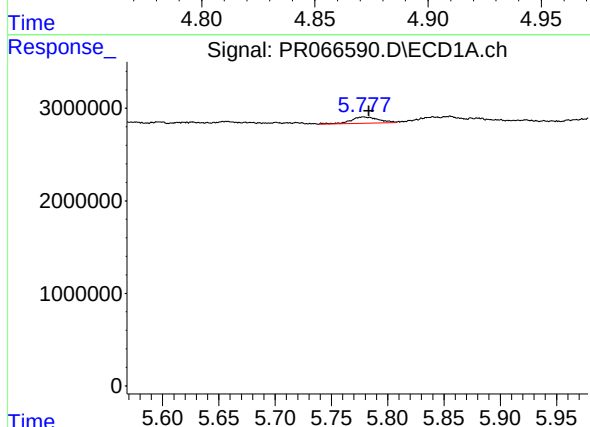
R.T.: 5.854 min
Delta R.T.: 0.002 min
Response: 1816454
Conc: 12.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



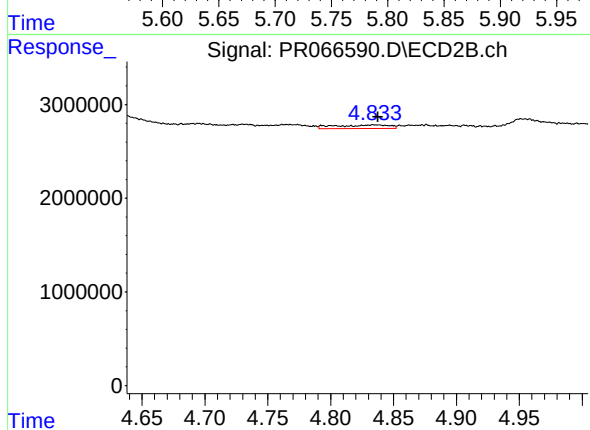
#25 AR-1248-5

R.T.: 4.873 min
Delta R.T.: -0.006 min
Response: 615112
Conc: 3.81 ng/ml



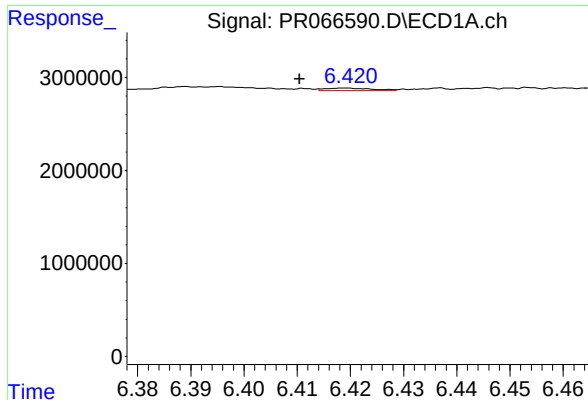
#26 AR-1254-1

R.T.: 5.779 min
Delta R.T.: -0.004 min
Response: 1160293
Conc: 6.98 ng/ml



#26 AR-1254-1

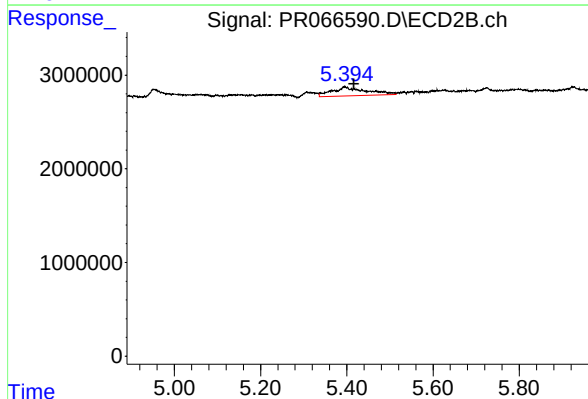
R.T.: 4.835 min
Delta R.T.: -0.002 min
Response: 1101444
Conc: 4.48 ng/ml



#28 AR-1254-3

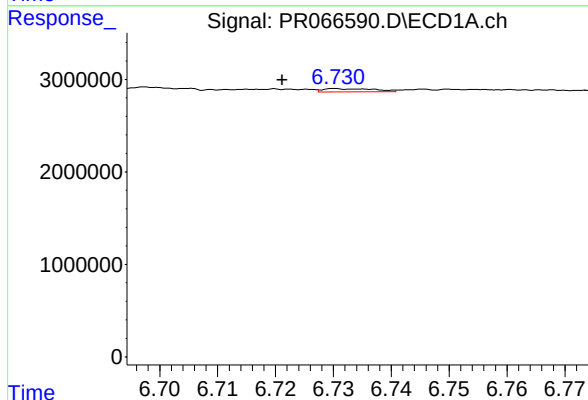
R.T.: 6.419 min
Delta R.T.: 0.008 min
Response: 179482
Conc: 0.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



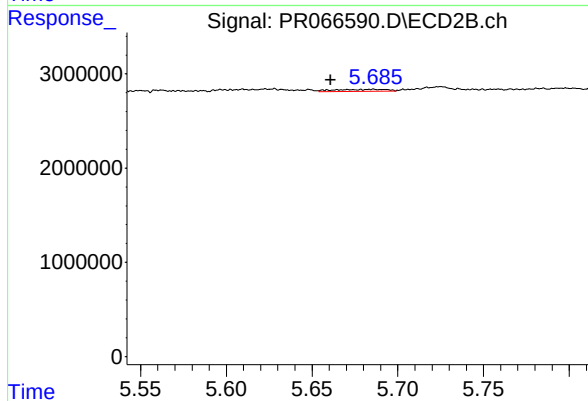
#28 AR-1254-3

R.T.: 5.395 min
Delta R.T.: -0.022 min
Response: 5320459
Conc: 15.48 ng/ml



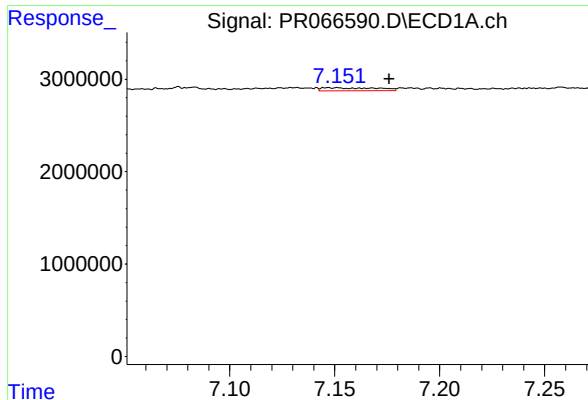
#29 AR-1254-4

R.T.: 6.732 min
Delta R.T.: 0.011 min
Response: 216722
Conc: 1.37 ng/ml



#29 AR-1254-4

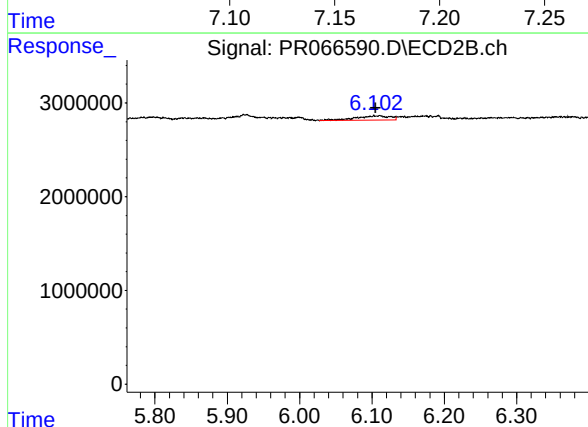
R.T.: 5.686 min
Delta R.T.: 0.025 min
Response: 467360
Conc: 2.19 ng/ml



#30 AR-1254-5

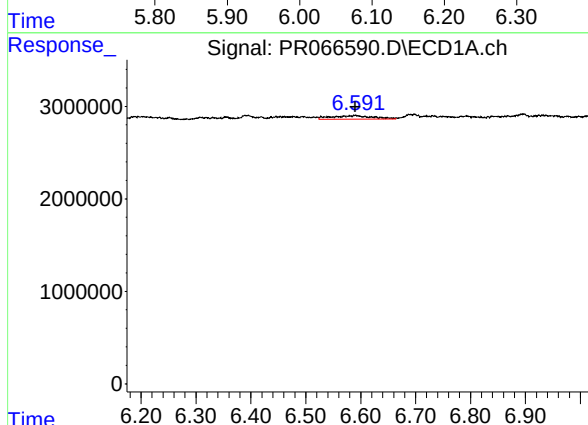
R.T.: 7.148 min
Delta R.T.: -0.028 min
Response: 613120
Conc: 3.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



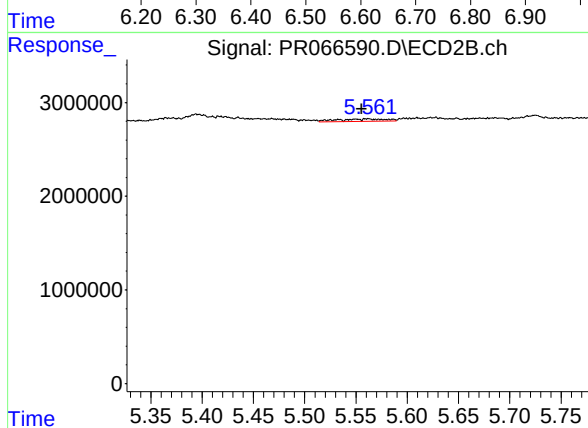
#30 AR-1254-5

R.T.: 6.110 min
Delta R.T.: 0.005 min
Response: 1564145
Conc: 4.86 ng/ml



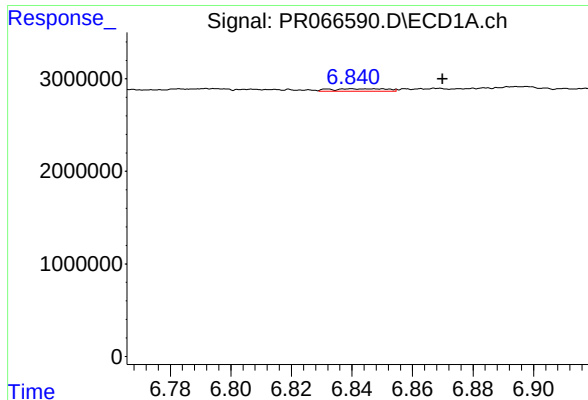
#31 AR-1260-1

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 1967111
Conc: 9.47 ng/ml



#31 AR-1260-1

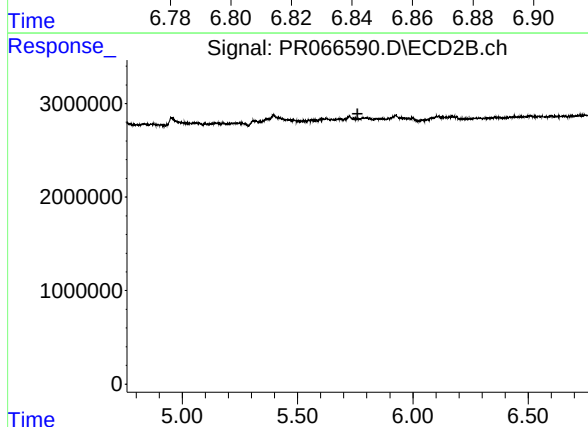
R.T.: 5.562 min
Delta R.T.: 0.007 min
Response: 894700
Conc: 3.53 ng/ml



#32 AR-1260-2

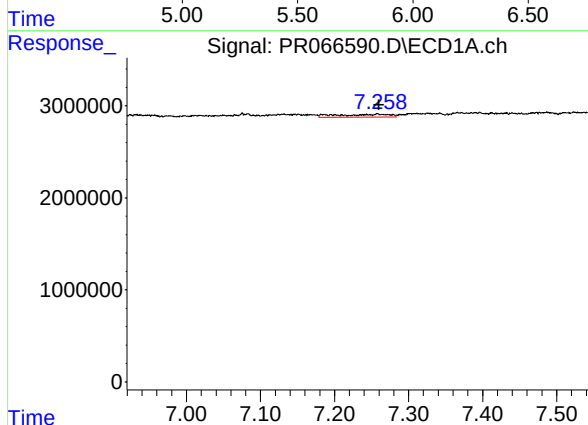
R.T.: 6.845 min
Delta R.T.: -0.025 min
Response: 317661
Conc: 1.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



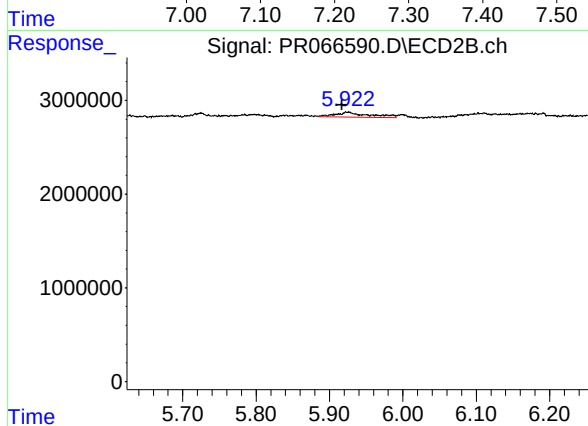
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 5.760 min
Response: 0
Conc: N.D.



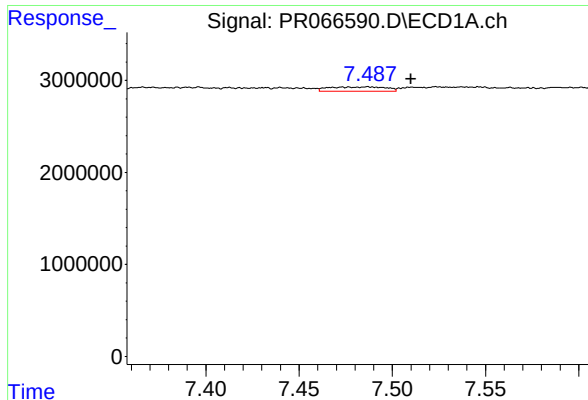
#33 AR-1260-3

R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 1556736
Conc: 9.28 ng/ml



#33 AR-1260-3

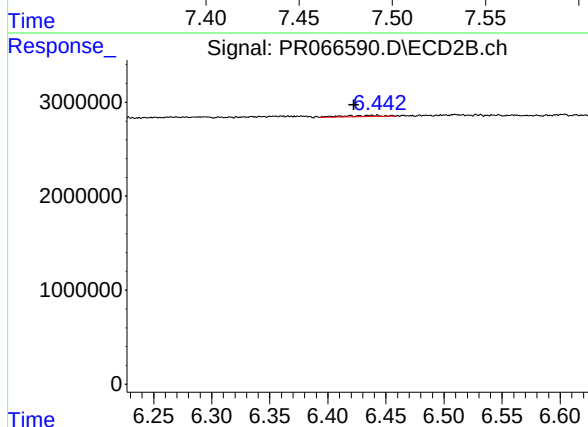
R.T.: 5.925 min
Delta R.T.: 0.007 min
Response: 1691404
Conc: 5.81 ng/ml



#34 AR-1260-4

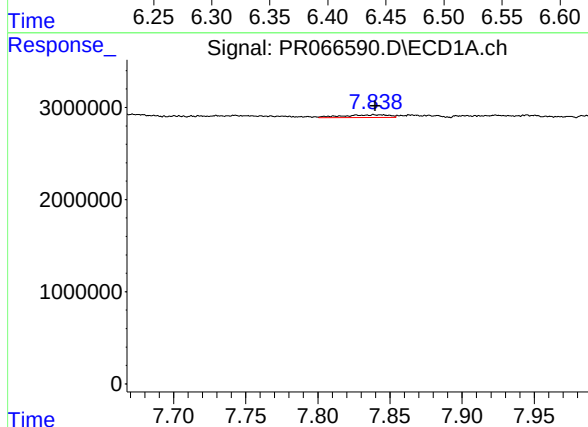
R.T.: 7.487 min
Delta R.T.: -0.023 min
Response: 1016371
Conc: 5.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



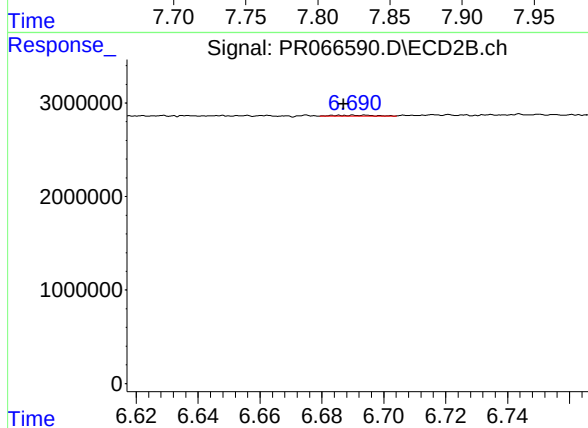
#34 AR-1260-4

R.T.: 6.438 min
Delta R.T.: 0.015 min
Response: 275837
Conc: 1.10 ng/ml



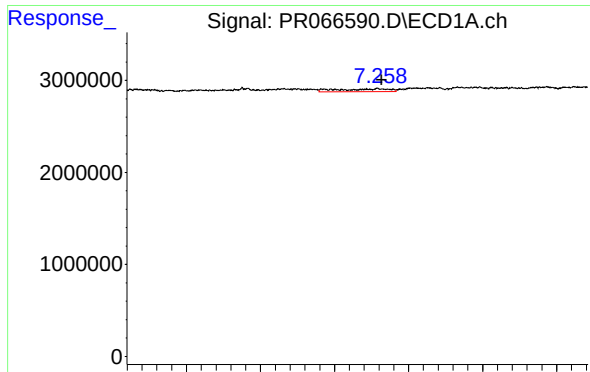
#35 AR-1260-5

R.T.: 7.842 min
Delta R.T.: 0.002 min
Response: 646948
Conc: 2.22 ng/ml



#35 AR-1260-5

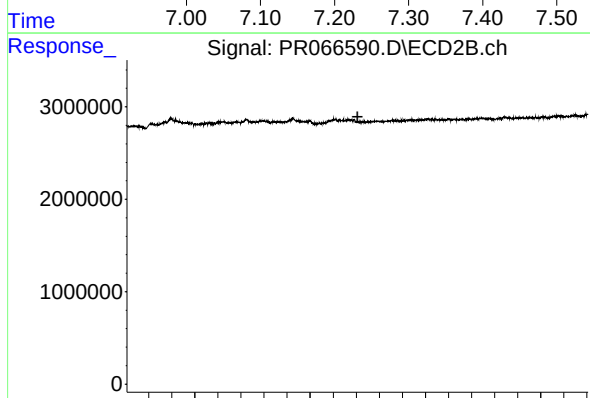
R.T.: 6.691 min
Delta R.T.: 0.004 min
Response: 97701
Conc: 0.17 ng/ml



#36 AR-1262-1

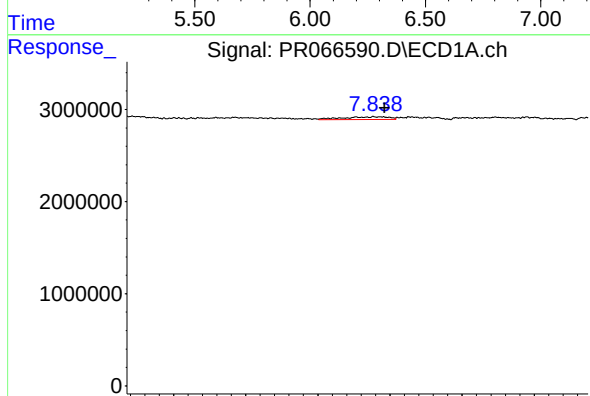
R.T.: 7.259 min
Delta R.T.: -0.005 min
Response: 1556736
Conc: 6.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



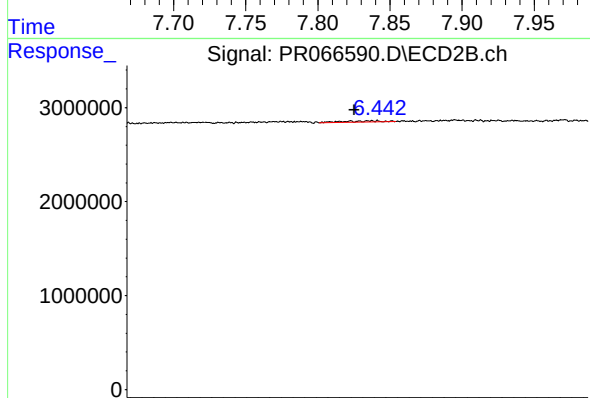
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.206 min
Response: 0
Conc: N.D.



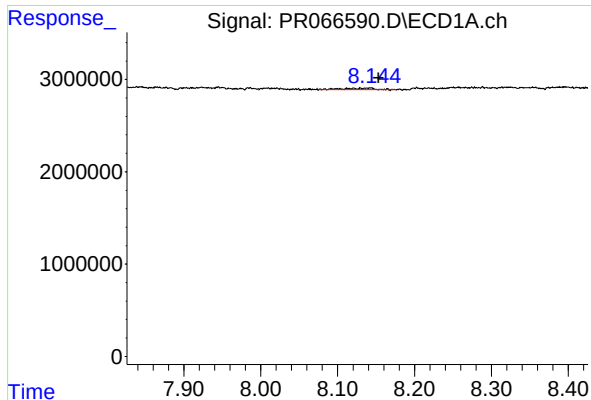
#37 AR-1262-2

R.T.: 7.842 min
Delta R.T.: -0.004 min
Response: 646948
Conc: 2.04 ng/ml



#37 AR-1262-2

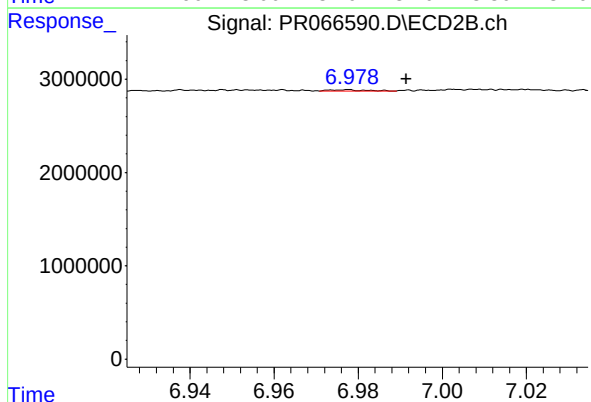
R.T.: 6.438 min
Delta R.T.: 0.015 min
Response: 275837
Conc: 0.90 ng/ml



#38 AR-1262-3

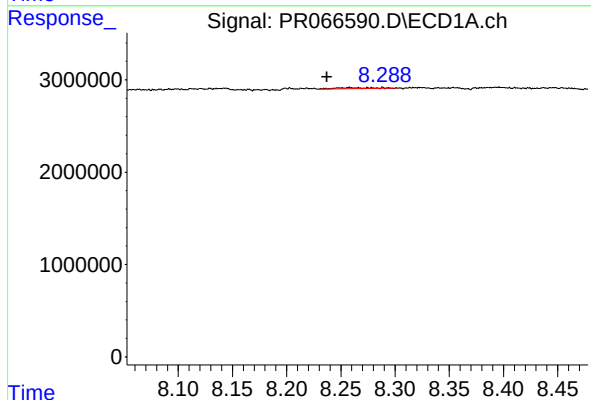
R.T.: 8.142 min
Delta R.T.: -0.012 min
Response: 472163
Conc: 2.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



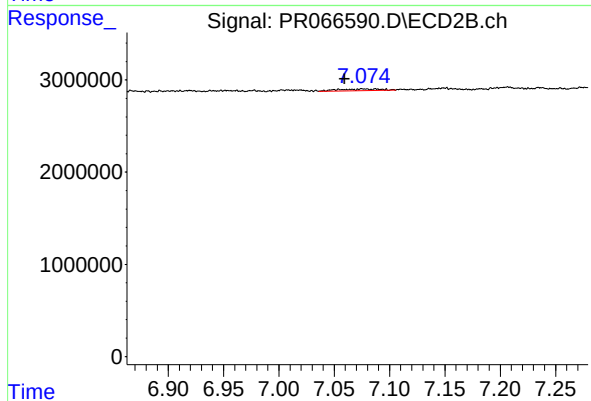
#38 AR-1262-3

R.T.: 6.977 min
Delta R.T.: -0.014 min
Response: 80627
Conc: 0.33 ng/ml



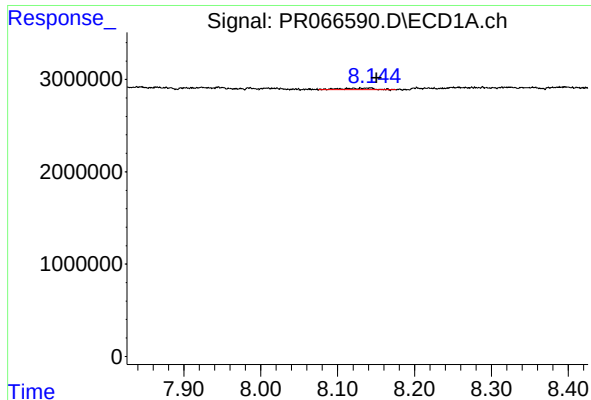
#39 AR-1262-4

R.T.: 8.258 min
Delta R.T.: 0.020 min
Response: 241944
Conc: 2.21 ng/ml



#39 AR-1262-4

R.T.: 7.088 min
Delta R.T.: 0.029 min
Response: 469623
Conc: 1.07 ng/ml



#41 AR-1268-1

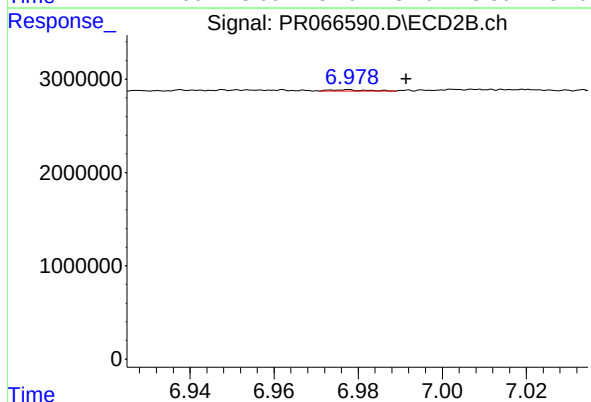
R.T.: 8.142 min
Delta R.T.: -0.009 min
Response: 472163
Conc: 1.21 ng/ml

Instrument :

ECD_R

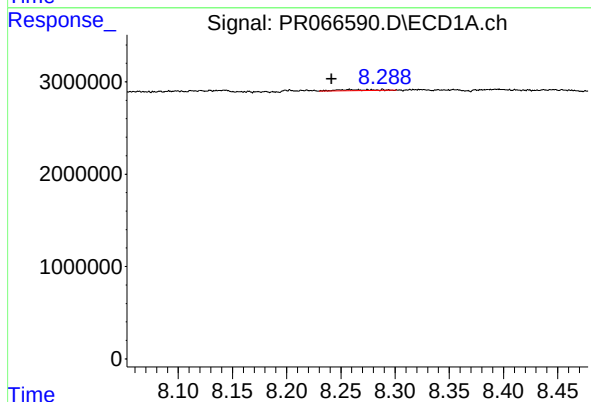
ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



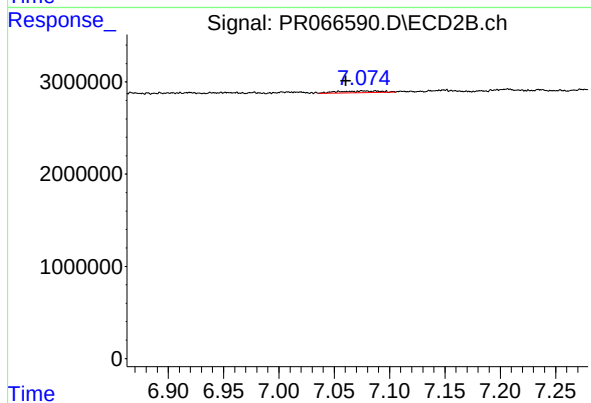
#41 AR-1268-1

R.T.: 6.977 min
Delta R.T.: -0.014 min
Response: 80627
Conc: 0.11 ng/ml



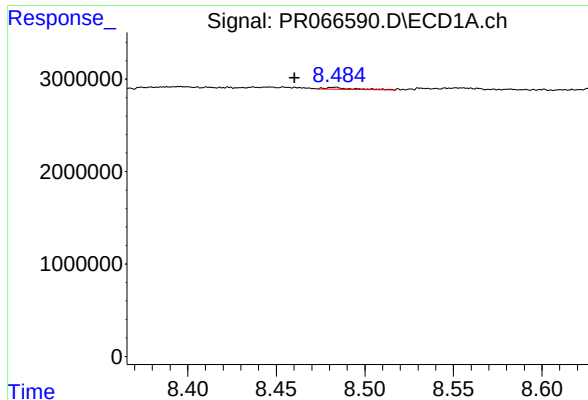
#42 AR-1268-2

R.T.: 8.258 min
Delta R.T.: 0.016 min
Response: 241944
Conc: 0.70 ng/ml



#42 AR-1268-2

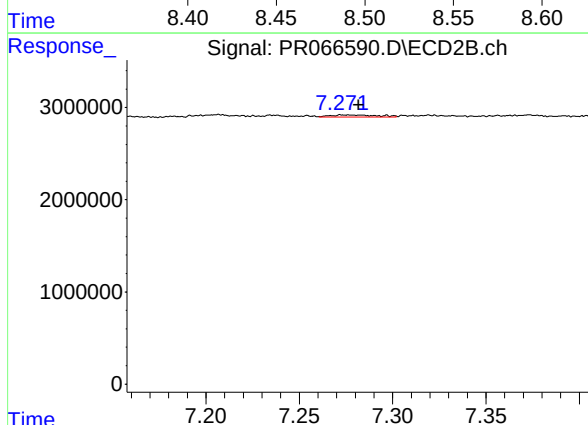
R.T.: 7.088 min
Delta R.T.: 0.027 min
Response: 469623
Conc: 0.73 ng/ml



#43 AR-1268-3

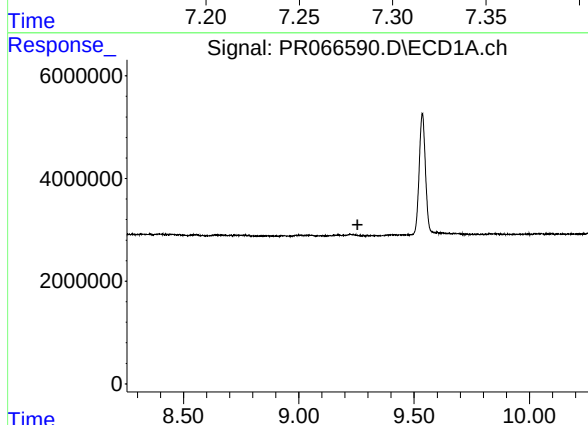
R.T.: 8.482 min
Delta R.T.: 0.022 min
Response: 189928
Conc: 0.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



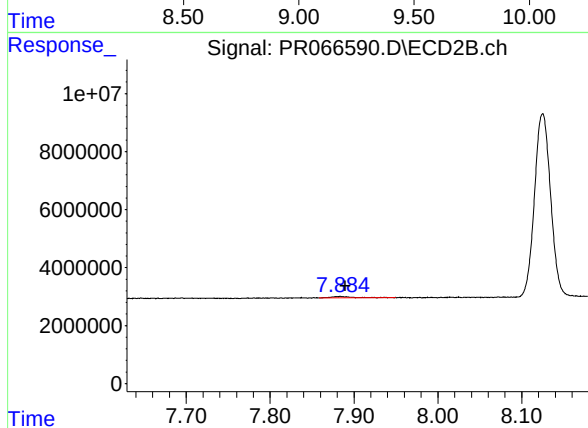
#43 AR-1268-3

R.T.: 7.276 min
Delta R.T.: -0.006 min
Response: 373211
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.254 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.884 min
Delta R.T.: -0.006 min
Response: 827026
Conc: 0.51 ng/ml