

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 16:27
 Operator : UA/SM
 Sample : J2971-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:26:00 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 2018
 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...	4.605	3.769	2520.7E6	283.6E6	30.503	31.720
2)	SA Decachlor...	10.341	8.711	1032.1E6	156.4E6	16.928	13.469
Target Compounds							
3)	L1 AR-1016-1	4.907	4.637	38634935	1317217	29.200	5.396 #
4)	L1 AR-1016-2	0.000	5.021	0	288616	N.D.	1.053 #
5)	L1 AR-1016-3	0.000	5.076	0	1469135	N.D.	6.883 #
6)	L1 AR-1016-4	0.000	5.109	0	688912	N.D.	2.637 #
7)	L1 AR-1016-5	0.000	5.287	0	1856528	N.D.	6.420 #
8)	L2 AR-1221-1	0.000	3.975	0	1266973	N.D.	6.342 #
9)	L2 AR-1221-2	4.907	4.066	38634935	6830669	29.709	45.835 #
10)	L2 AR-1221-3	4.907	4.139	38634935	1397297	9.226	3.042 #
11)	L3 AR-1232-1	4.907	4.139	38634935	1397297	22.801	6.650 #
12)	L3 AR-1232-2	0.000	4.896	0	398111	N.D.	2.146 #
13)	L3 AR-1232-3	0.000	5.021	0	288616	N.D.	2.081 #
14)	L3 AR-1232-4	0.000	5.287	0	1856528	N.D.	12.640 #
15)	L3 AR-1232-5	0.000	5.659	0	5526499	N.D.	33.847 #
16)	L4 AR-1242-1	0.000	4.637	0	1317217	N.D.	6.776 #
17)	L4 AR-1242-2	0.000	4.843	0	1212719	N.D.	2.665 #
18)	L4 AR-1242-3	0.000	5.021	0	288616	N.D.	1.390 #
19)	L4 AR-1242-4	0.000	5.109	0	688912	N.D.	3.411 #
20)	L4 AR-1242-5	0.000	5.287	0	1856528	N.D.	8.201 #
21)	L5 AR-1248-1	0.000	5.076	0	1469135	N.D.	4.977 #
22)	L5 AR-1248-2	0.000	5.109	0	688912	N.D.	2.238 #
23)	L5 AR-1248-3	0.000	5.287	0	1856528	N.D.	4.756 #
24)	L5 AR-1248-4	0.000	5.659	0	5526499	N.D.	9.842 #
25)	L5 AR-1248-5	0.000	5.659	0	5526499	N.D.	13.387 #
26)	L6 AR-1254-1	0.000	5.659	0	5526499	N.D.	10.305 #
27)	L6 AR-1254-2	0.000	5.775	0	1692174	N.D.	3.690 #
28)	L6 AR-1254-3	0.000	6.170	0	1760297	N.D.	2.222 #
29)	L6 AR-1254-4	0.000	6.438	0	4021196	N.D.	7.382 #
30)	L6 AR-1254-5	0.000	6.632	0	2895054	N.D.	8.366 #
31)	L7 AR-1260-1	0.000	6.298	0	10881415	N.D.	17.644 #
32)	L7 AR-1260-2	0.000	6.632	0	2895054	N.D.	4.088 #
33)	L7 AR-1260-3	0.000	7.136	0	3851615	N.D.	6.498 #
34)	L7 AR-1260-4	0.000	7.340	0	552160	N.D.	0.378 #
35)	L7 AR-1260-5	0.000	7.678	0	958780	N.D.	0.913 #
36)	L8 AR-1262-1	0.000	6.298	0	10881415	N.D.	21.731 #
37)	L8 AR-1262-2	0.000	6.478	0	8469756	N.D.	13.274 #
38)	L8 AR-1262-3	0.000	6.807	0	712394	N.D.	0.786 #
39)	L8 AR-1262-4	0.000	7.136	0	3851615	N.D.	4.843 #
40)	L8 AR-1262-5	0.000	7.340	0	552160	N.D.	0.329 #
41)	L9 AR-1268-1	0.000	7.618	0	451945	N.D.	0.249 #

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Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:26:00 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	0.000	7.678	0	958780	N.D.	0.541 #
43) L9	AR-1268-3	0.000	7.881	0	1535668	N.D.	1.115 #
44) L9	AR-1268-4	0.000	8.124	0	643029	N.D.	1.022 #
45) L9	AR-1268-5	0.000	8.462	0	1288688	N.D.	0.293 #

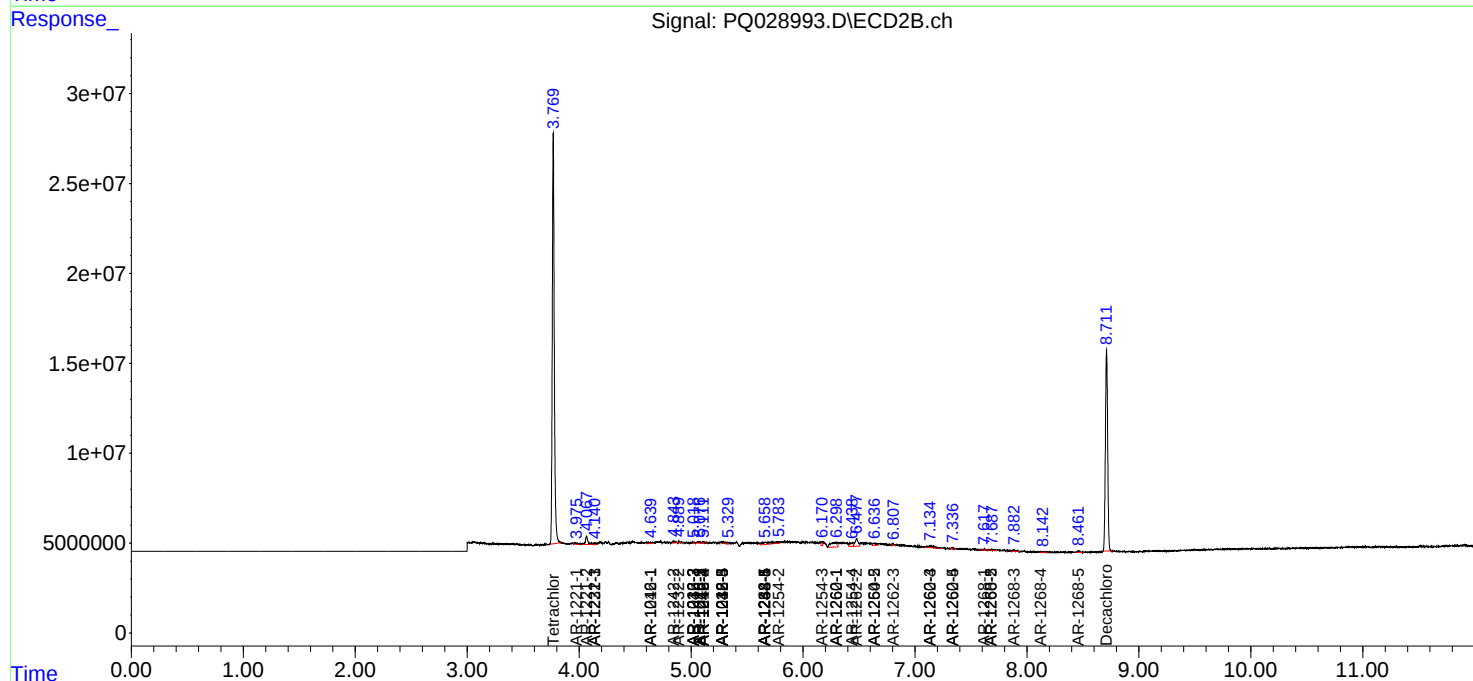
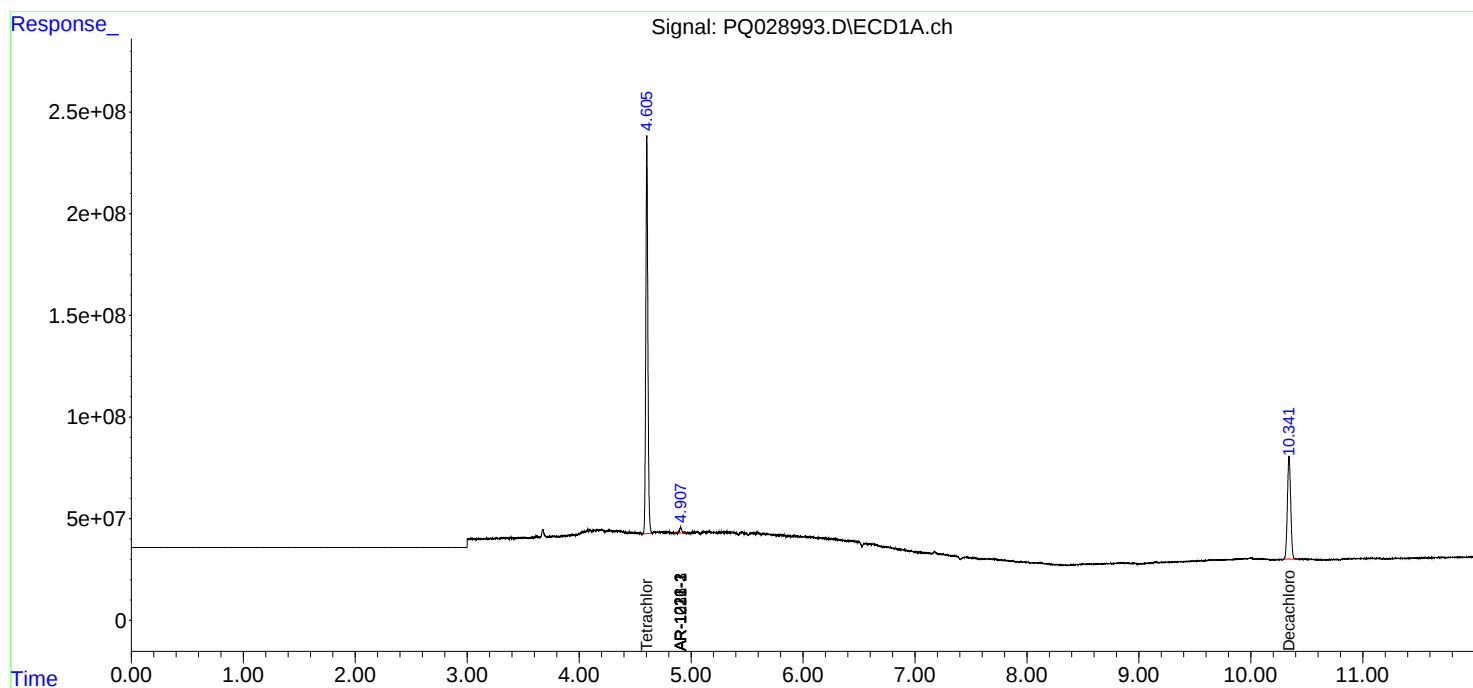
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

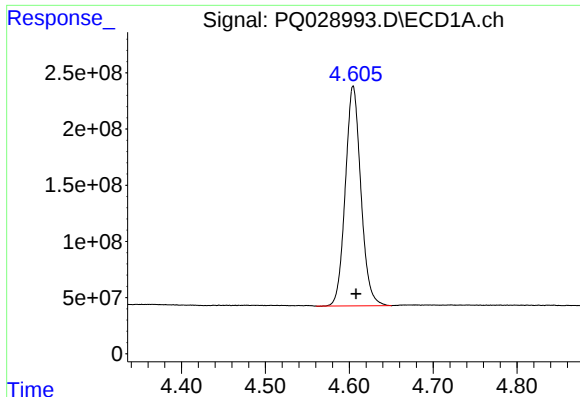
Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
Data File : PQ028993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2018 16:27
Operator : UA/SM
Sample : J2971-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 06:26:00 2018
Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 11 08:47:35 2018
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

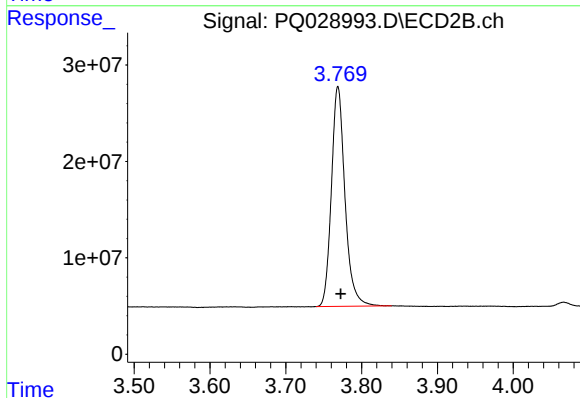




#1 Tetrachloro-m-xylene

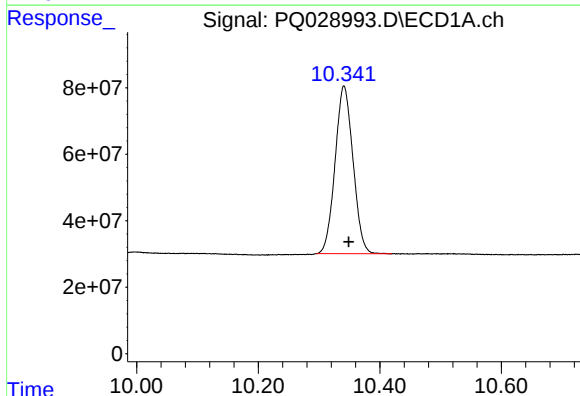
R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 2520716136
Conc: 30.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



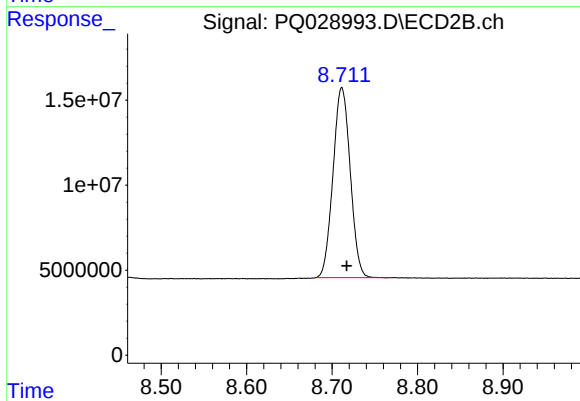
#1 Tetrachloro-m-xylene

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 283634711
Conc: 31.72 ng/ml



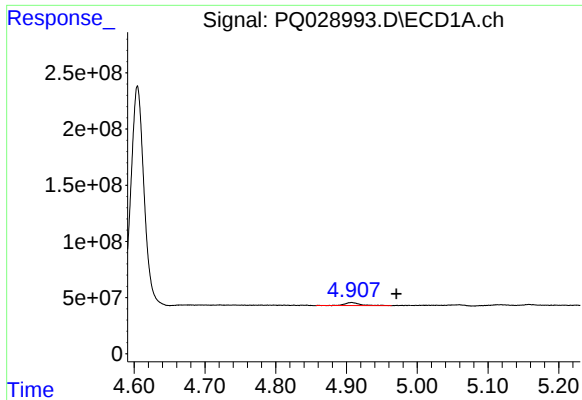
#2 Decachlorobiphenyl

R.T.: 10.341 min
Delta R.T.: -0.008 min
Response: 1032072252
Conc: 16.93 ng/ml



#2 Decachlorobiphenyl

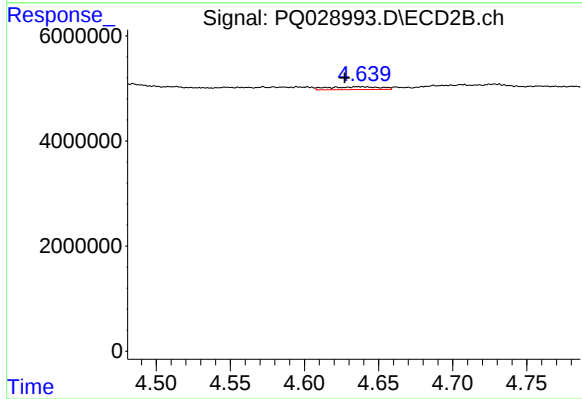
R.T.: 8.711 min
Delta R.T.: -0.006 min
Response: 156412317
Conc: 13.47 ng/ml



#3 AR-1016-1

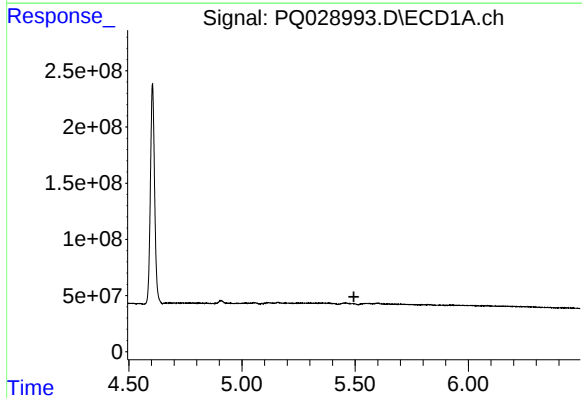
R.T.: 4.907 min
Delta R.T.: -0.063 min
Response: 38634935
Conc: 29.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



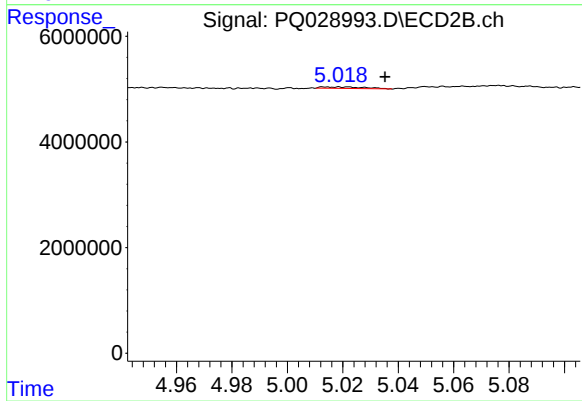
#3 AR-1016-1

R.T.: 4.637 min
Delta R.T.: 0.009 min
Response: 1317217
Conc: 5.40 ng/ml



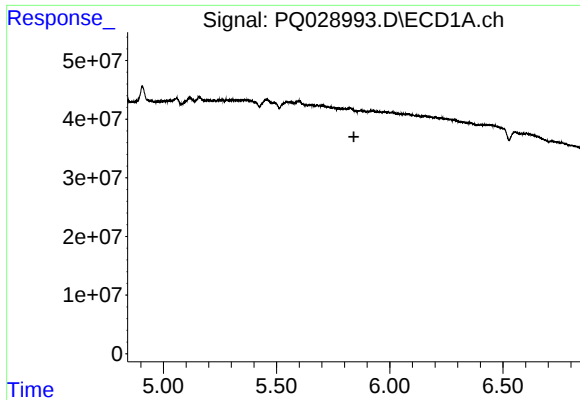
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#4 AR-1016-2

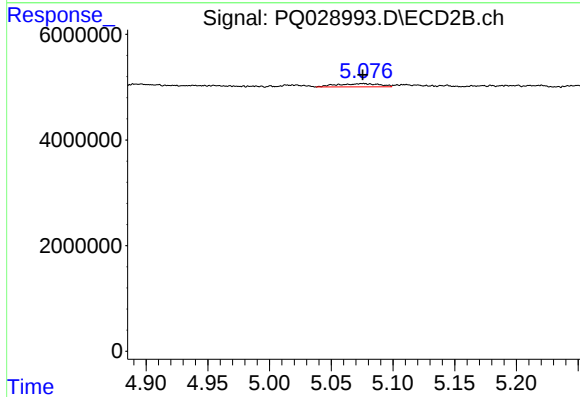
R.T.: 5.021 min
Delta R.T.: -0.014 min
Response: 288616
Conc: 1.05 ng/ml



#5 AR-1016-3

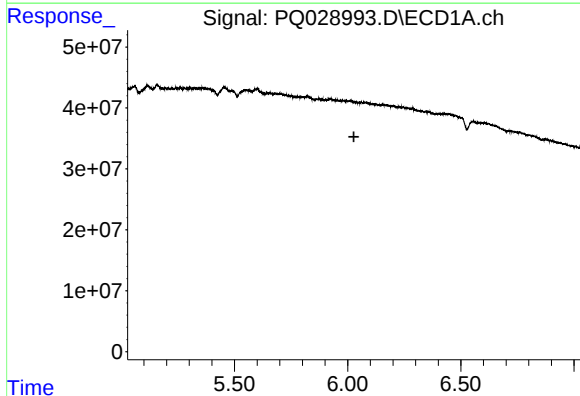
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



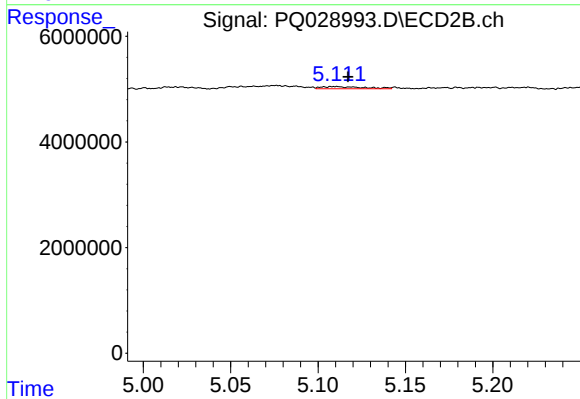
#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 1469135
Conc: 6.88 ng/ml



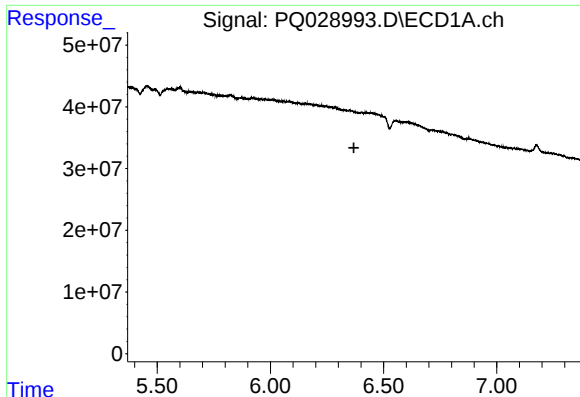
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.



#6 AR-1016-4

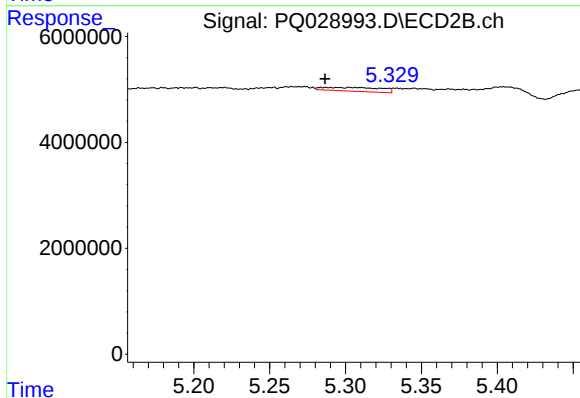
R.T.: 5.109 min
Delta R.T.: -0.008 min
Response: 688912
Conc: 2.64 ng/ml



#7 AR-1016-5

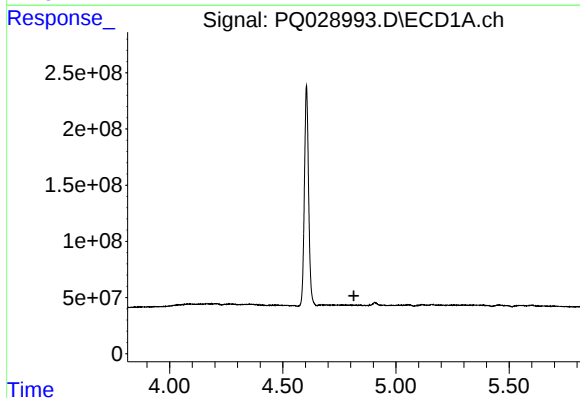
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



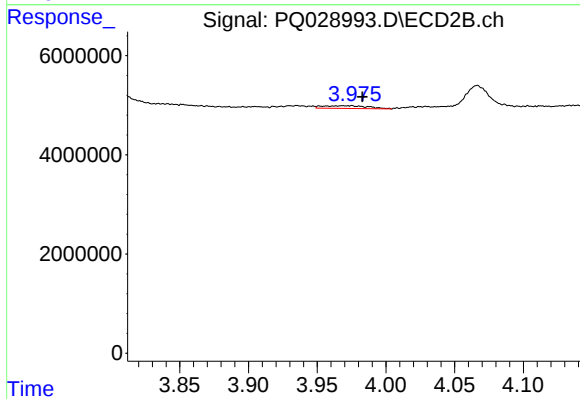
#7 AR-1016-5

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 1856528
Conc: 6.42 ng/ml



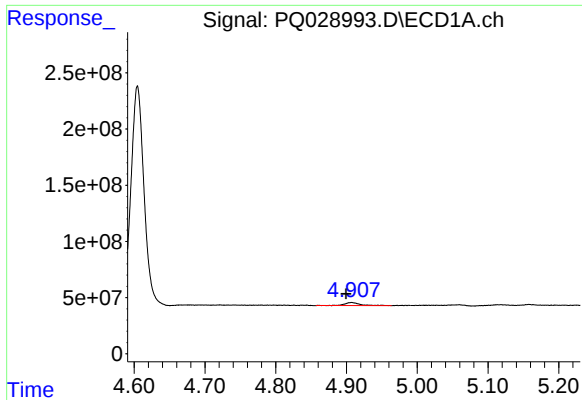
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.814 min
Response: 0
Conc: N.D.



#8 AR-1221-1

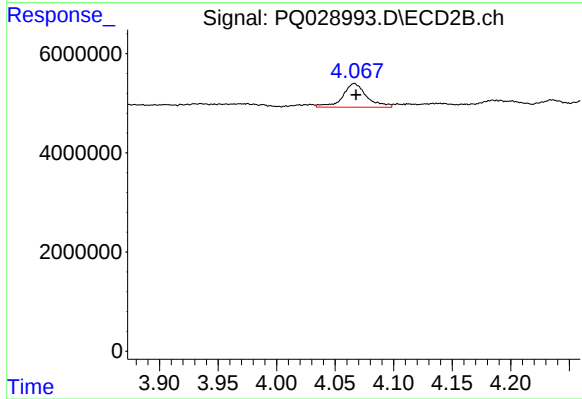
R.T.: 3.975 min
Delta R.T.: -0.008 min
Response: 1266973
Conc: 6.34 ng/ml



#9 AR-1221-2

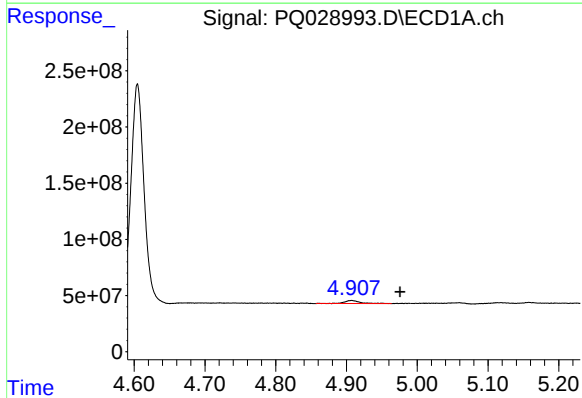
R.T.: 4.907 min
Delta R.T.: 0.007 min
Response: 38634935
Conc: 29.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



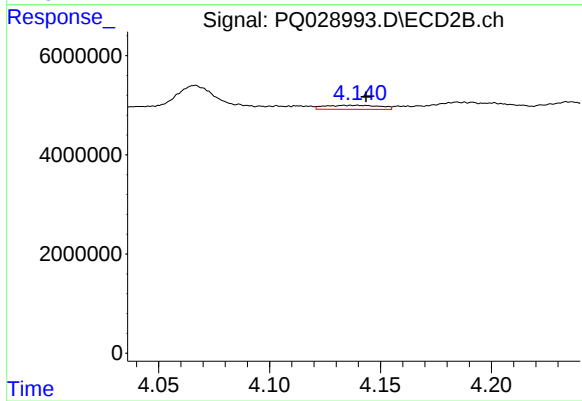
#9 AR-1221-2

R.T.: 4.066 min
Delta R.T.: -0.001 min
Response: 6830669
Conc: 45.84 ng/ml



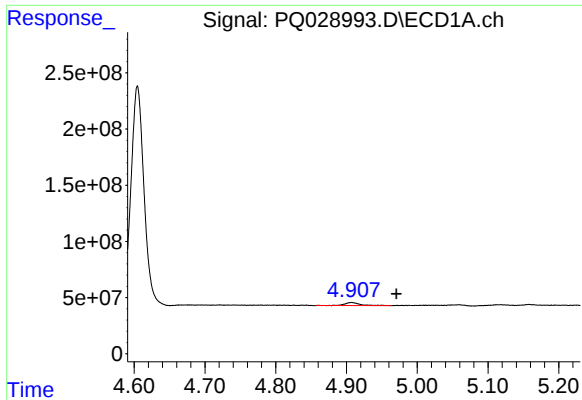
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: -0.068 min
Response: 38634935
Conc: 9.23 ng/ml



#10 AR-1221-3

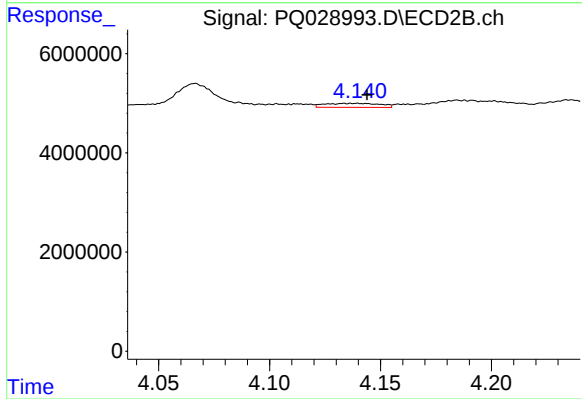
R.T.: 4.139 min
Delta R.T.: -0.005 min
Response: 1397297
Conc: 3.04 ng/ml



#11 AR-1232-1

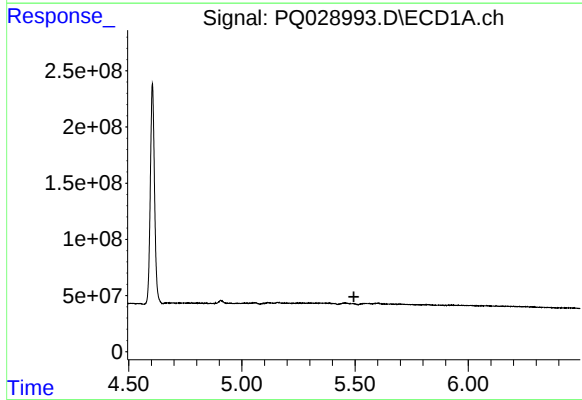
R.T.: 4.907 min
Delta R.T.: -0.063 min
Response: 38634935
Conc: 22.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



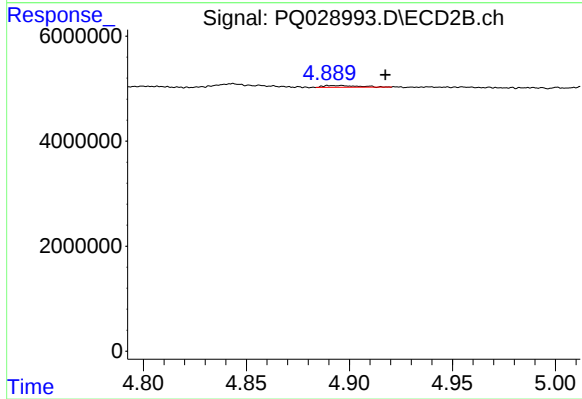
#11 AR-1232-1

R.T.: 4.139 min
Delta R.T.: -0.005 min
Response: 1397297
Conc: 6.65 ng/ml



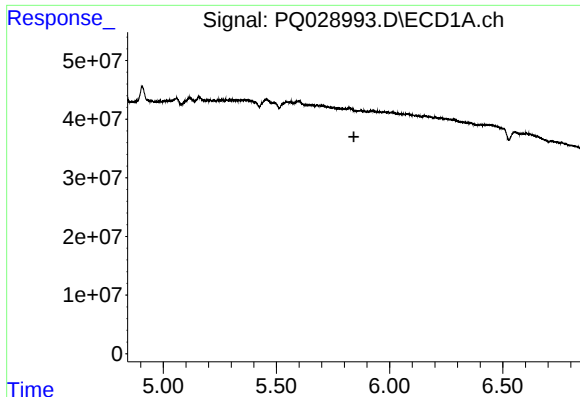
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



#12 AR-1232-2

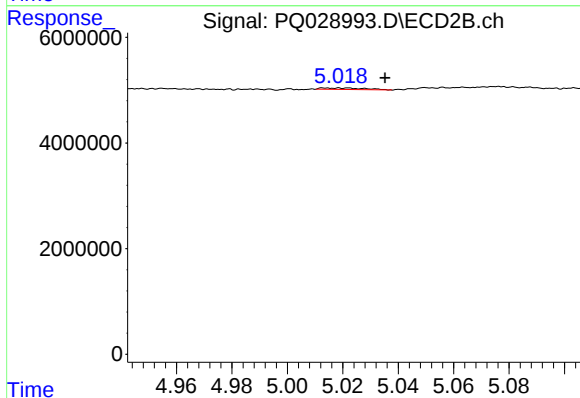
R.T.: 4.896 min
Delta R.T.: -0.022 min
Response: 398111
Conc: 2.15 ng/ml



#13 AR-1232-3

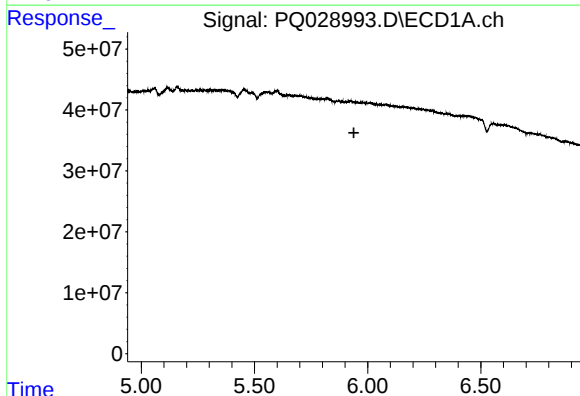
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



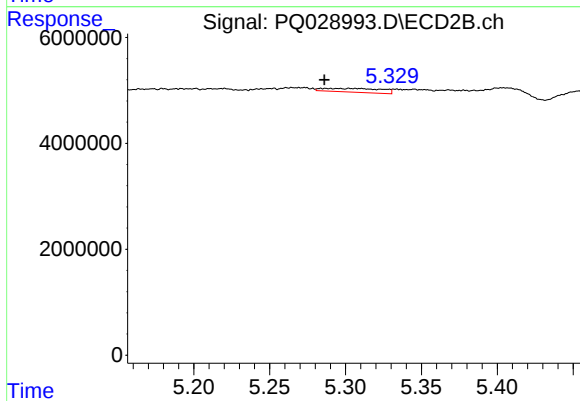
#13 AR-1232-3

R.T.: 5.021 min
Delta R.T.: -0.014 min
Response: 288616
Conc: 2.08 ng/ml



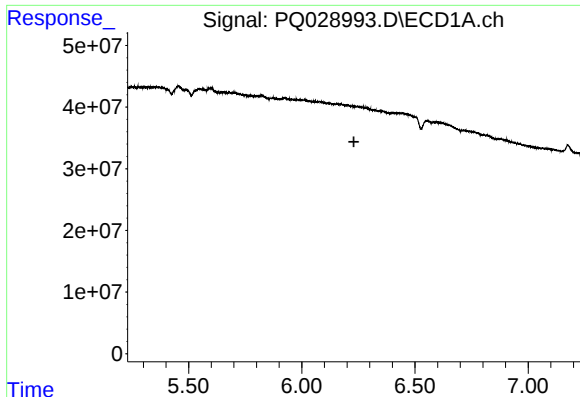
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.939 min
Response: 0
Conc: N.D.



#14 AR-1232-4

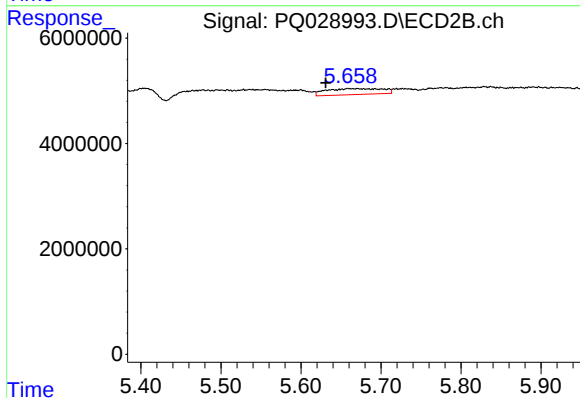
R.T.: 5.287 min
Delta R.T.: 0.001 min
Response: 1856528
Conc: 12.64 ng/ml



#15 AR-1232-5

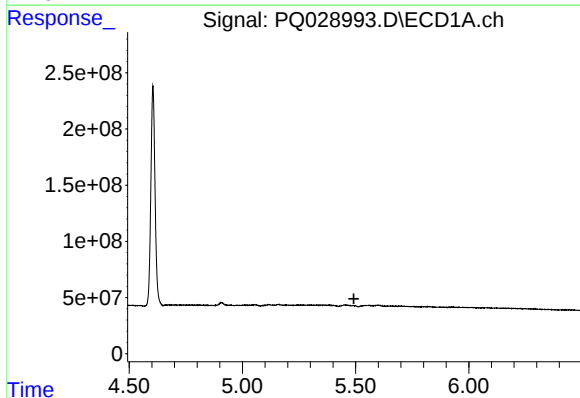
R.T.: 0.000 min
Exp R.T. : 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



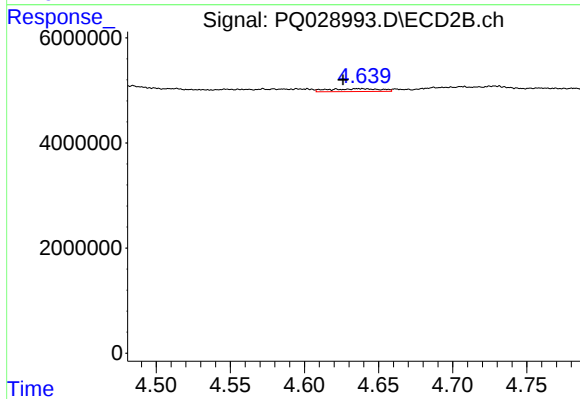
#15 AR-1232-5

R.T.: 5.659 min
Delta R.T.: 0.028 min
Response: 5526499
Conc: 33.85 ng/ml



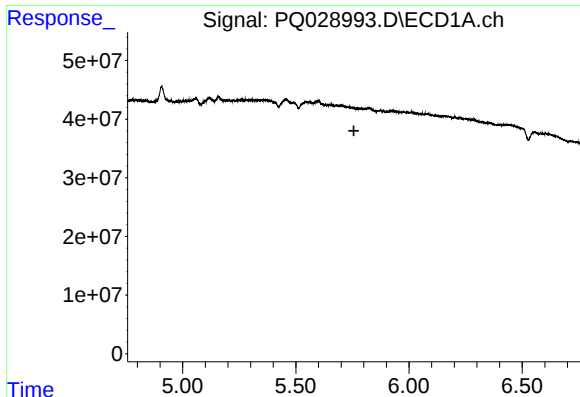
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



#16 AR-1242-1

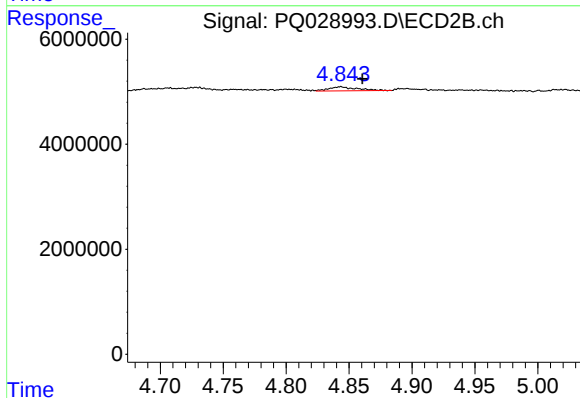
R.T.: 4.637 min
Delta R.T.: 0.011 min
Response: 1317217
Conc: 6.78 ng/ml



#17 AR-1242-2

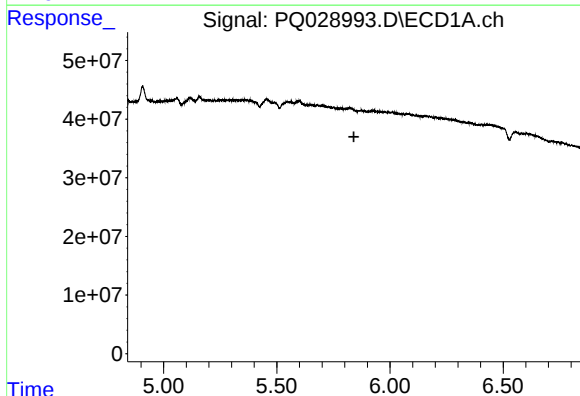
R.T.: 0.000 min
Exp R.T.: 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



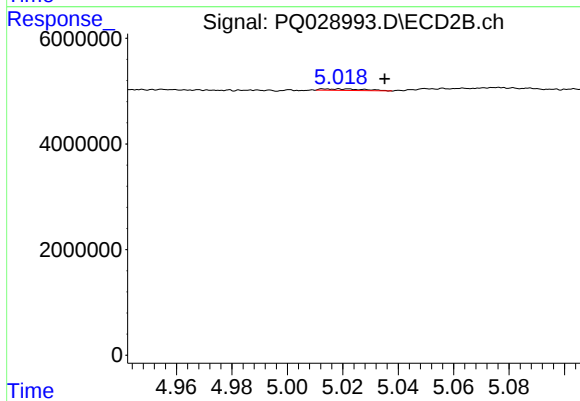
#17 AR-1242-2

R.T.: 4.843 min
Delta R.T.: -0.017 min
Response: 1212719
Conc: 2.67 ng/ml



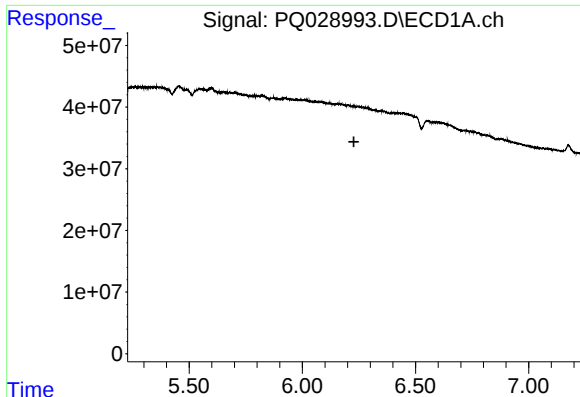
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.840 min
Response: 0
Conc: N.D.



#18 AR-1242-3

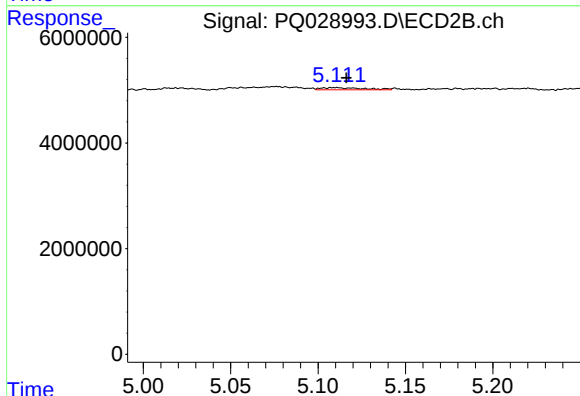
R.T.: 5.021 min
Delta R.T.: -0.014 min
Response: 288616
Conc: 1.39 ng/ml



#19 AR-1242-4

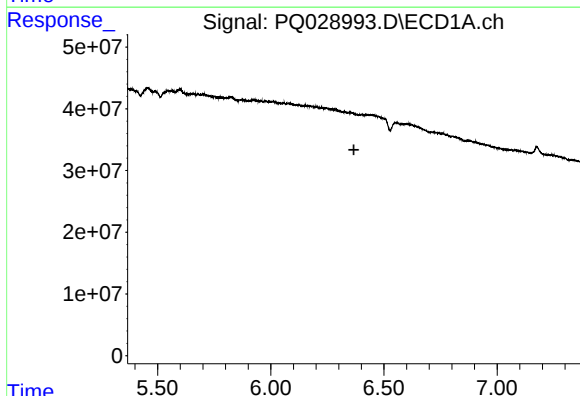
R.T.: 0.000 min
Exp R.T. : 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



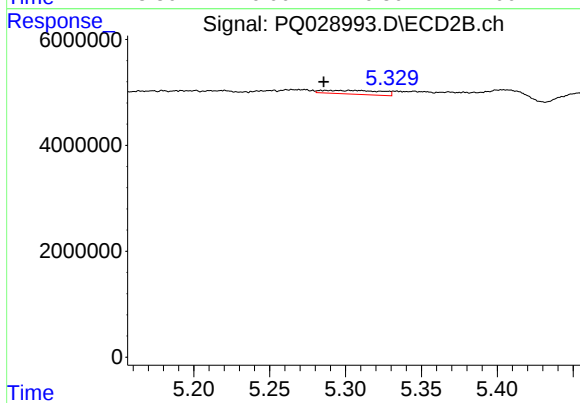
#19 AR-1242-4

R.T.: 5.109 min
Delta R.T.: -0.007 min
Response: 688912
Conc: 3.41 ng/ml



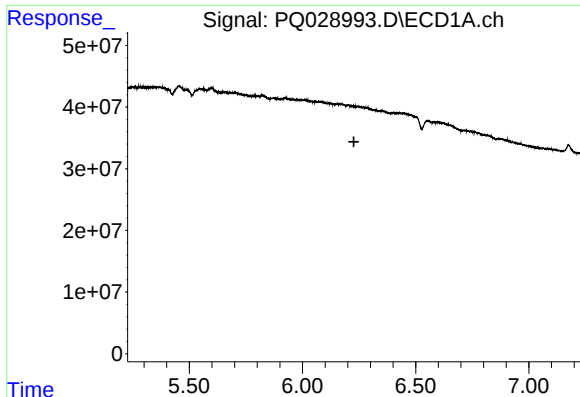
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.367 min
Response: 0
Conc: N.D.



#20 AR-1242-5

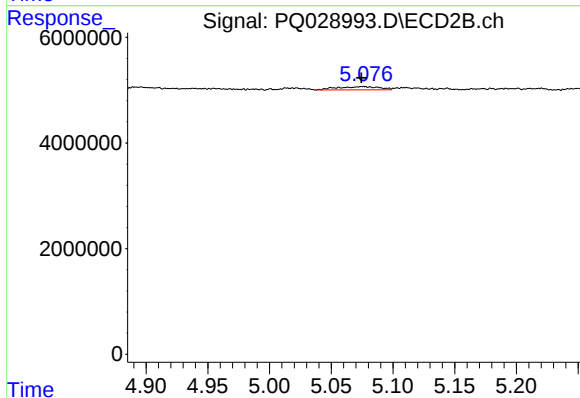
R.T.: 5.287 min
Delta R.T.: 0.002 min
Response: 1856528
Conc: 8.20 ng/ml



#21 AR-1248-1

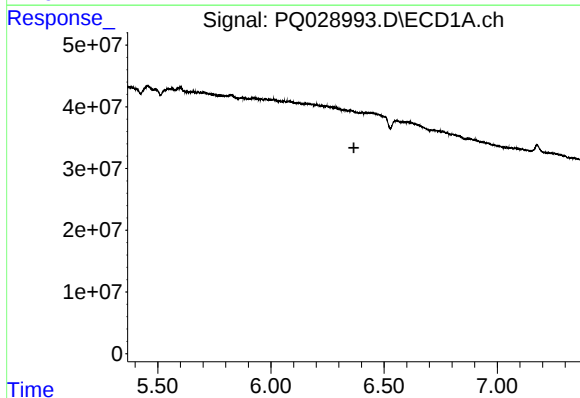
R.T.: 0.000 min
Exp R.T. : 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



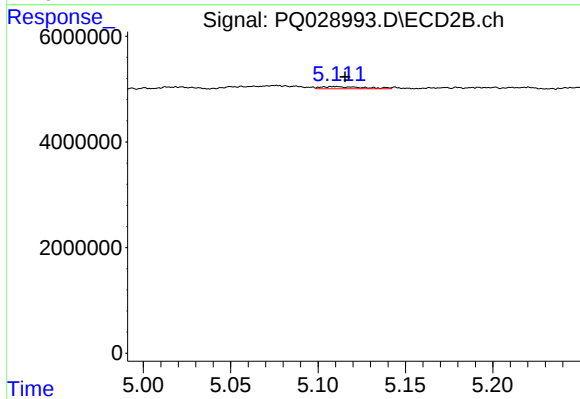
#21 AR-1248-1

R.T.: 5.076 min
Delta R.T.: 0.001 min
Response: 1469135
Conc: 4.98 ng/ml



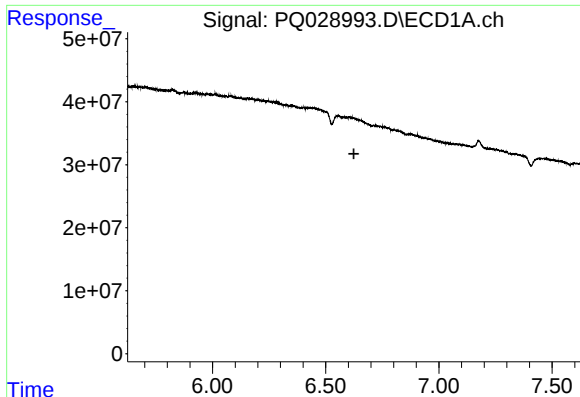
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.366 min
Response: 0
Conc: N.D.



#22 AR-1248-2

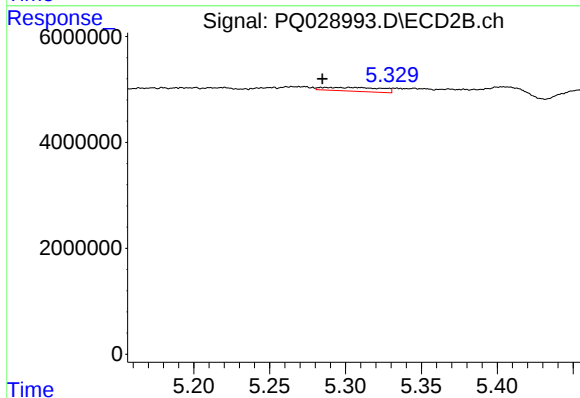
R.T.: 5.109 min
Delta R.T.: -0.006 min
Response: 688912
Conc: 2.24 ng/ml



#23 AR-1248-3

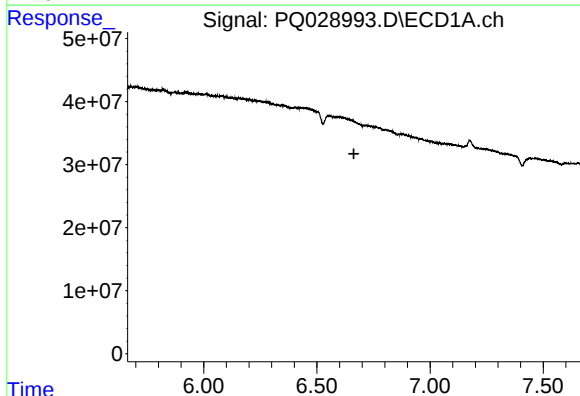
R.T.: 0.000 min
Exp R.T.: 6.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



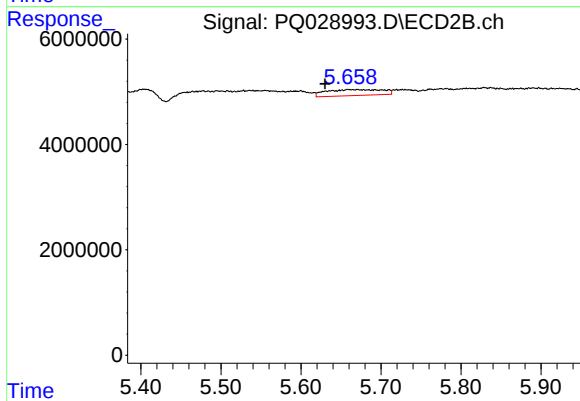
#23 AR-1248-3

R.T.: 5.287 min
Delta R.T.: 0.002 min
Response: 1856528
Conc: 4.76 ng/ml



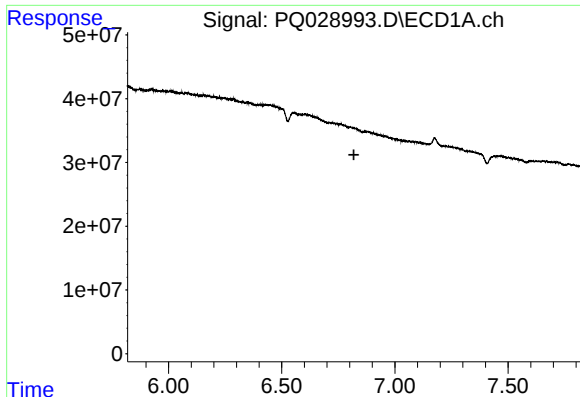
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.663 min
Response: 0
Conc: N.D.



#24 AR-1248-4

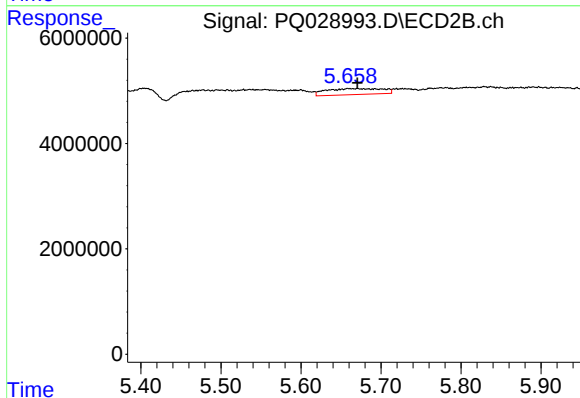
R.T.: 5.659 min
Delta R.T.: 0.029 min
Response: 5526499
Conc: 9.84 ng/ml



#25 AR-1248-5

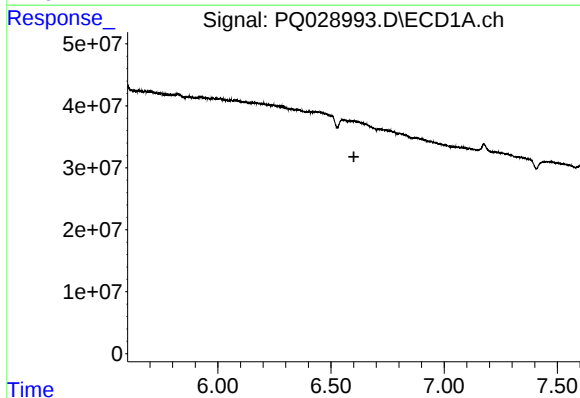
R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



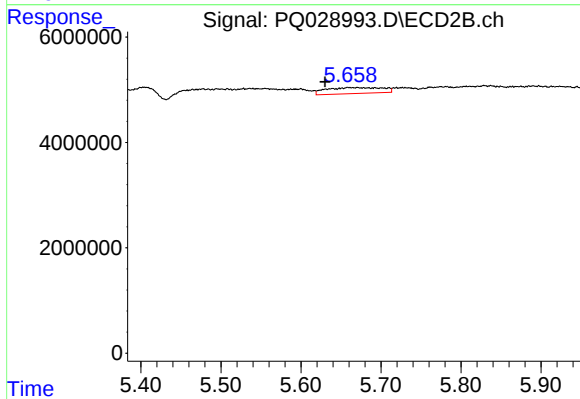
#25 AR-1248-5

R.T.: 5.659 min
Delta R.T.: -0.012 min
Response: 5526499
Conc: 13.39 ng/ml



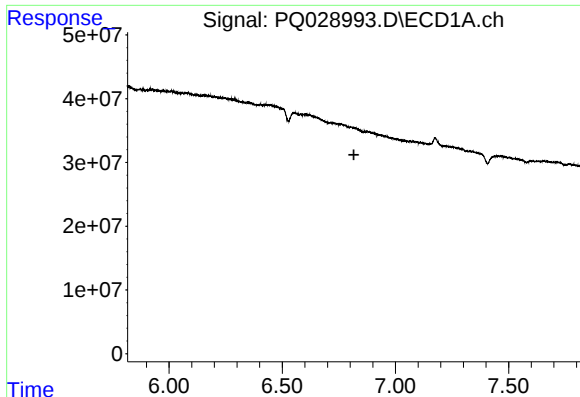
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.601 min
Response: 0
Conc: N.D.



#26 AR-1254-1

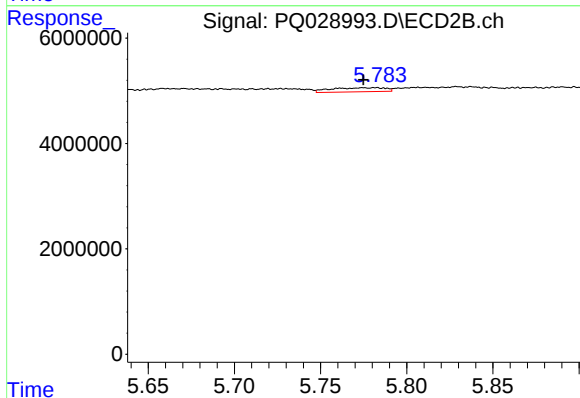
R.T.: 5.659 min
Delta R.T.: 0.028 min
Response: 5526499
Conc: 10.31 ng/ml



#27 AR-1254-2

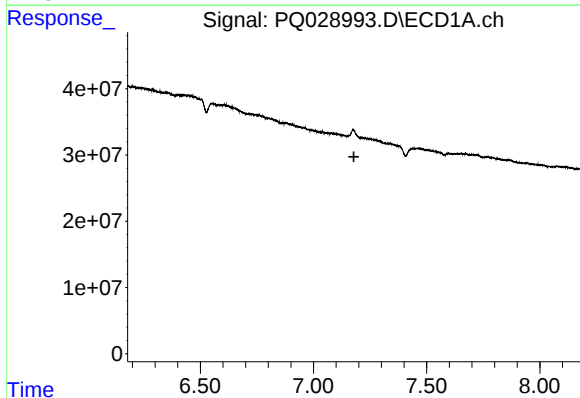
R.T.: 0.000 min
Exp R.T.: 6.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



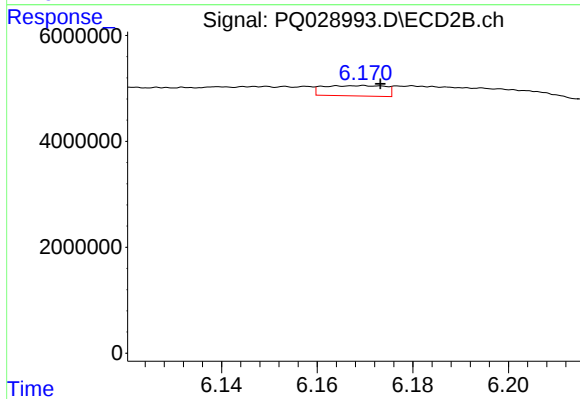
#27 AR-1254-2

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 1692174
Conc: 3.69 ng/ml



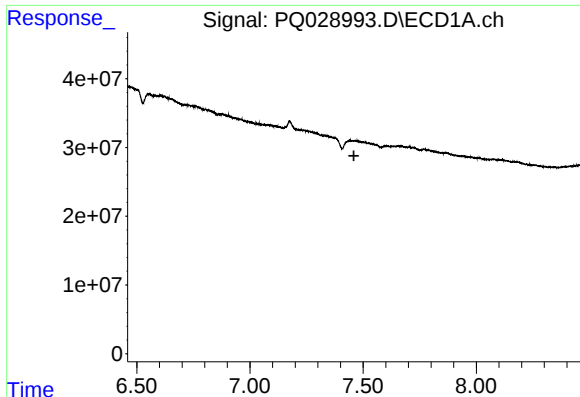
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.179 min
Response: 0
Conc: N.D.



#28 AR-1254-3

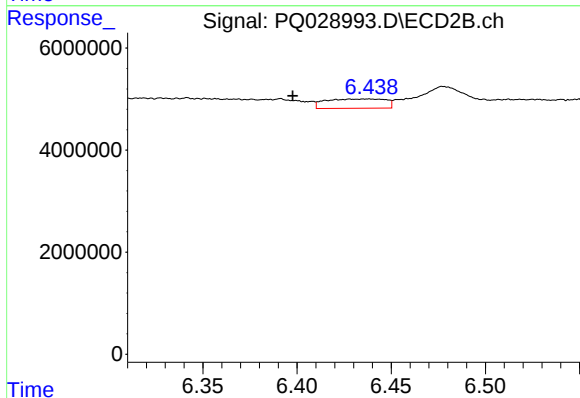
R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 1760297
Conc: 2.22 ng/ml



#29 AR-1254-4

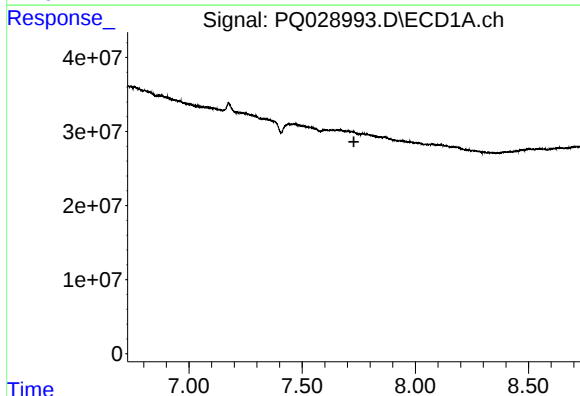
R.T.: 0.000 min
Exp R.T.: 7.459 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



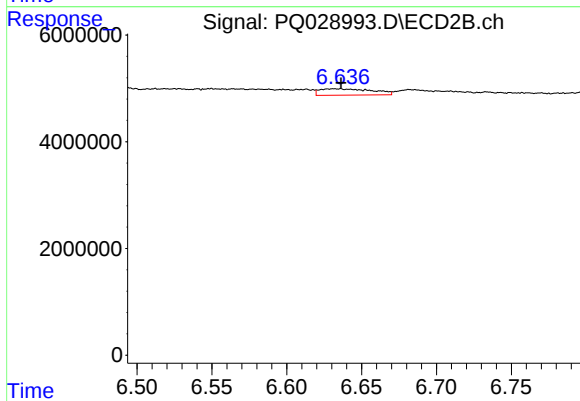
#29 AR-1254-4

R.T.: 6.438 min
Delta R.T.: 0.040 min
Response: 4021196
Conc: 7.38 ng/ml



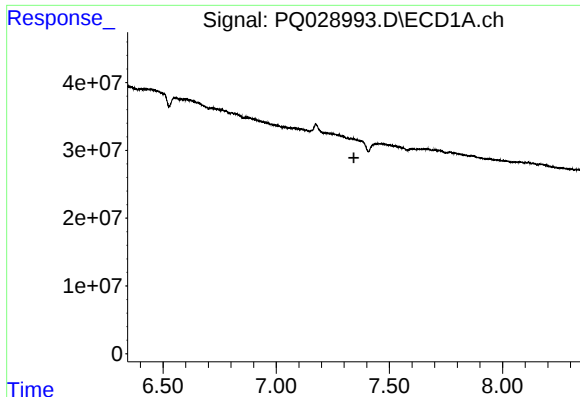
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.729 min
Response: 0
Conc: N.D.



#30 AR-1254-5

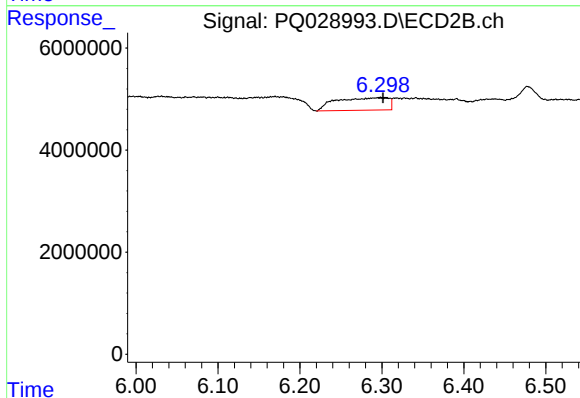
R.T.: 6.632 min
Delta R.T.: -0.004 min
Response: 2895054
Conc: 8.37 ng/ml



#31 AR-1260-1

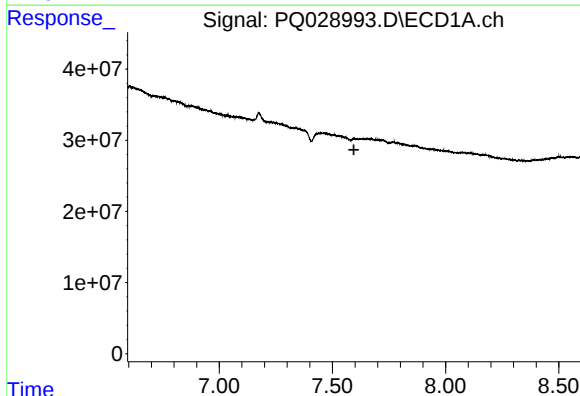
R.T.: 0.000 min
Exp R.T. : 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



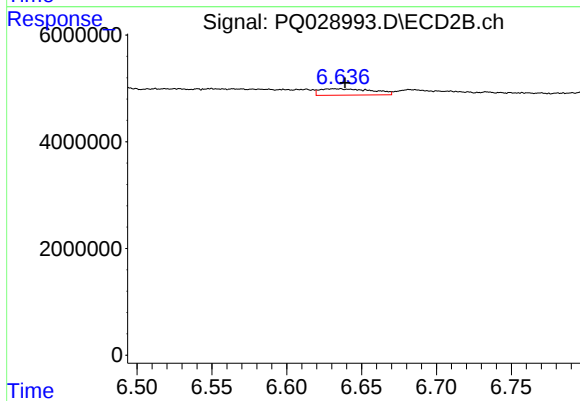
#31 AR-1260-1

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 10881415
Conc: 17.64 ng/ml



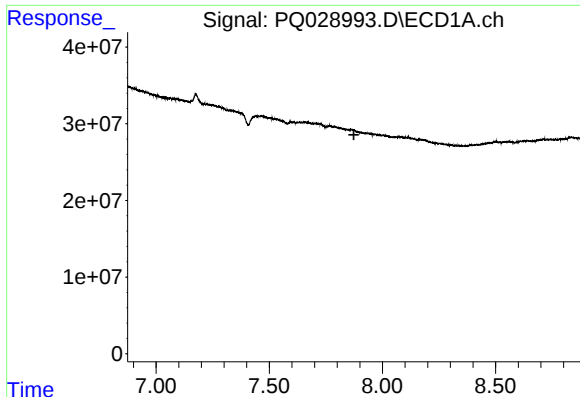
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#32 AR-1260-2

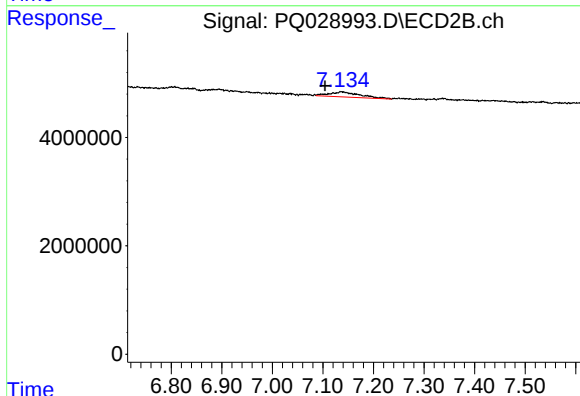
R.T.: 6.632 min
Delta R.T.: -0.007 min
Response: 2895054
Conc: 4.09 ng/ml



#33 AR-1260-3

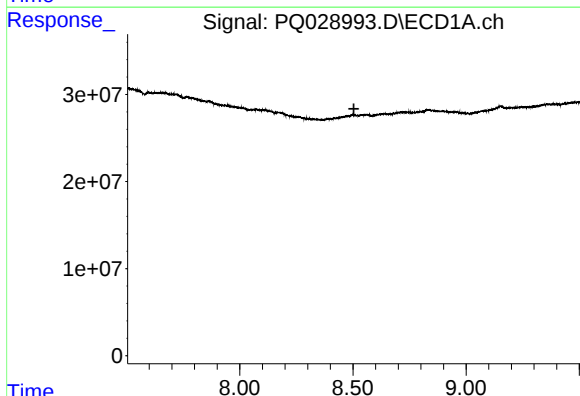
R.T.: 0.000 min
Exp R.T.: 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



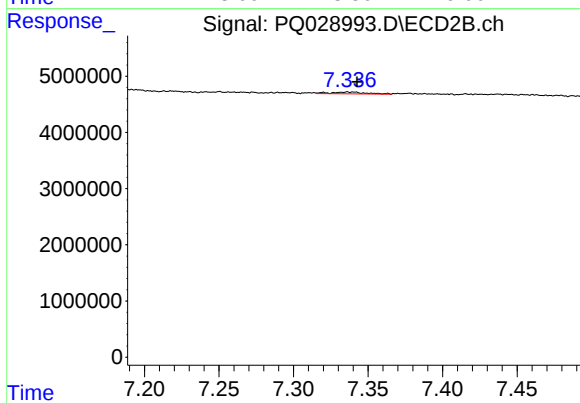
#33 AR-1260-3

R.T.: 7.136 min
Delta R.T.: 0.032 min
Response: 3851615
Conc: 6.50 ng/ml



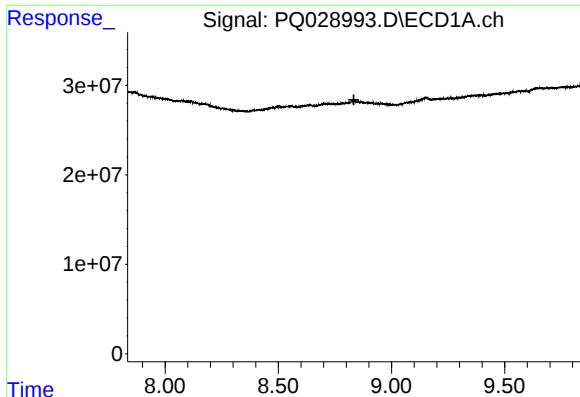
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.504 min
Response: 0
Conc: N.D.



#34 AR-1260-4

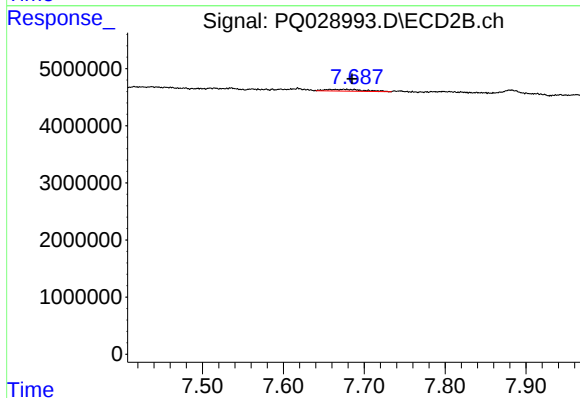
R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 552160
Conc: 0.38 ng/ml



#35 AR-1260-5

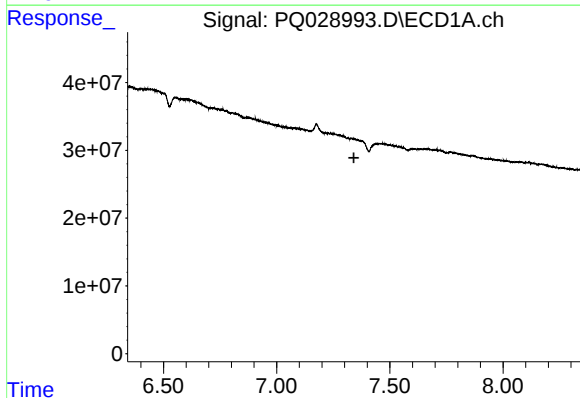
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



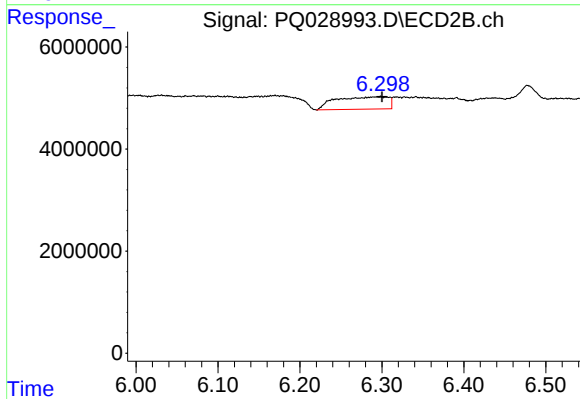
#35 AR-1260-5

R.T.: 7.678 min
Delta R.T.: -0.007 min
Response: 958780
Conc: 0.91 ng/ml



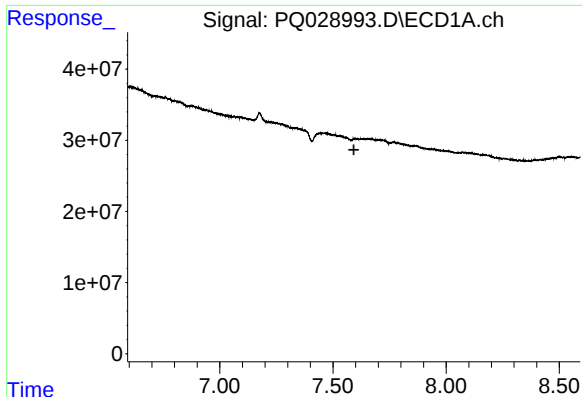
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.341 min
Response: 0
Conc: N.D.



#36 AR-1262-1

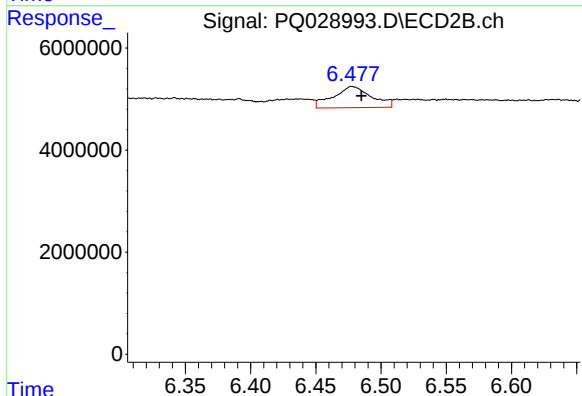
R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 10881415
Conc: 21.73 ng/ml



#37 AR-1262-2

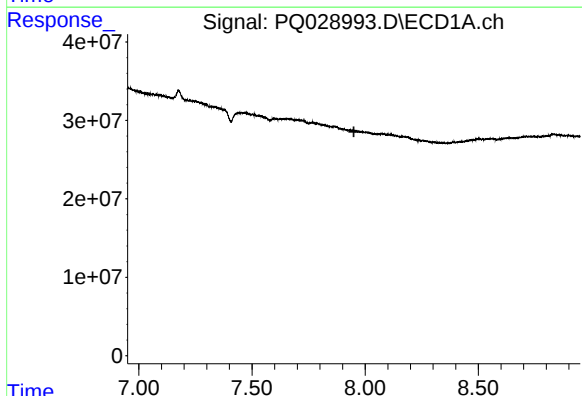
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



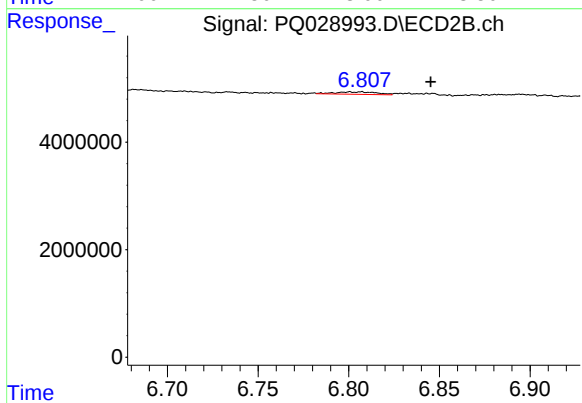
#37 AR-1262-2

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 8469756
Conc: 13.27 ng/ml



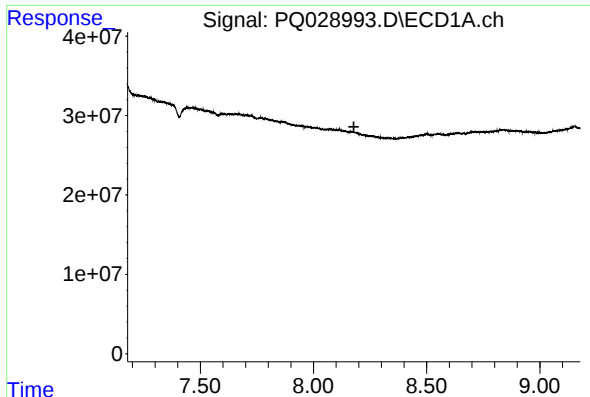
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.950 min
Response: 0
Conc: N.D.



#38 AR-1262-3

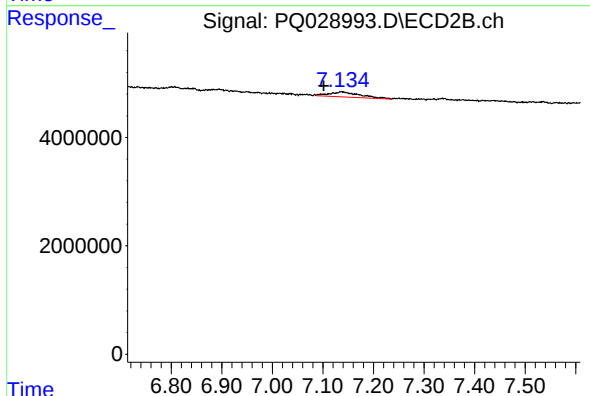
R.T.: 6.807 min
Delta R.T.: -0.038 min
Response: 712394
Conc: 0.79 ng/ml



#39 AR-1262-4

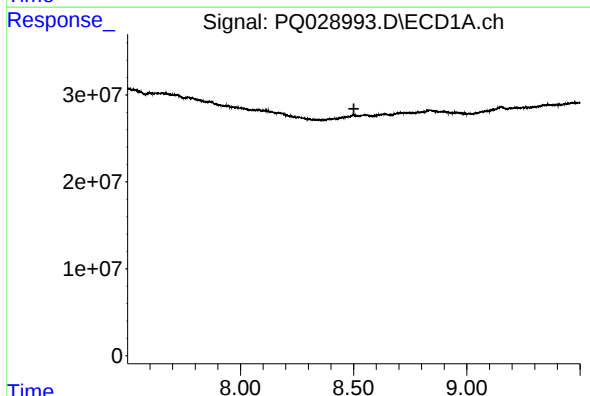
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



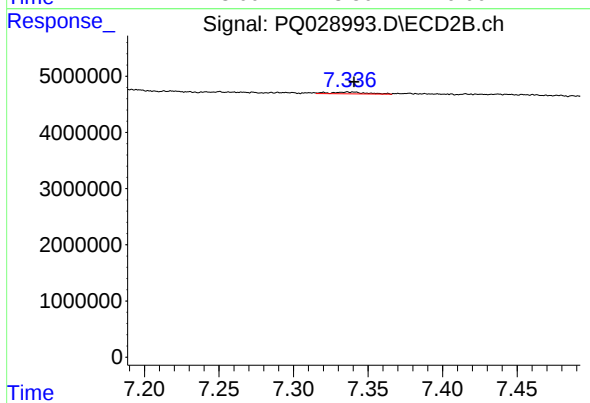
#39 AR-1262-4

R.T.: 7.136 min
Delta R.T.: 0.034 min
Response: 3851615
Conc: 4.84 ng/ml



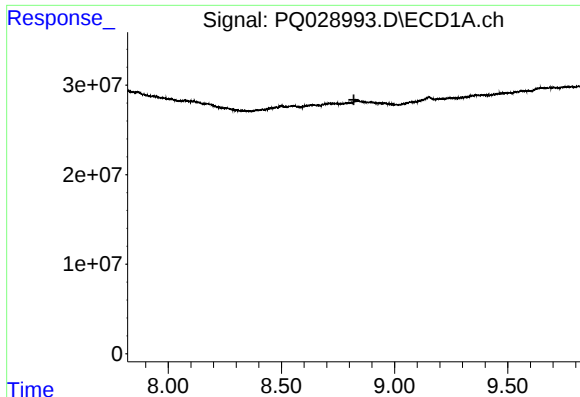
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.501 min
Response: 0
Conc: N.D.



#40 AR-1262-5

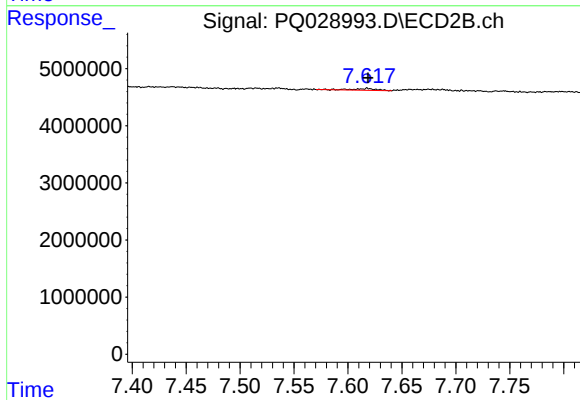
R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 552160
Conc: 0.33 ng/ml



#41 AR-1268-1

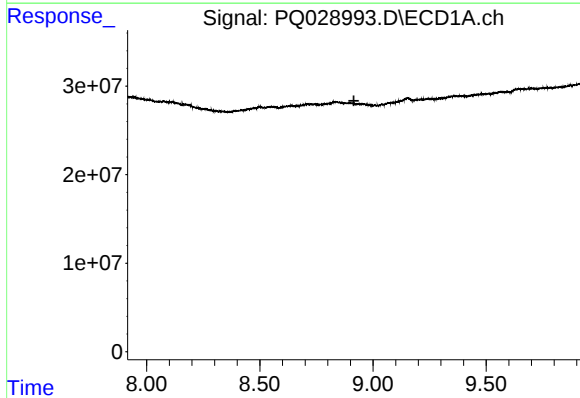
R.T.: 0.000 min
Exp R.T. : 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



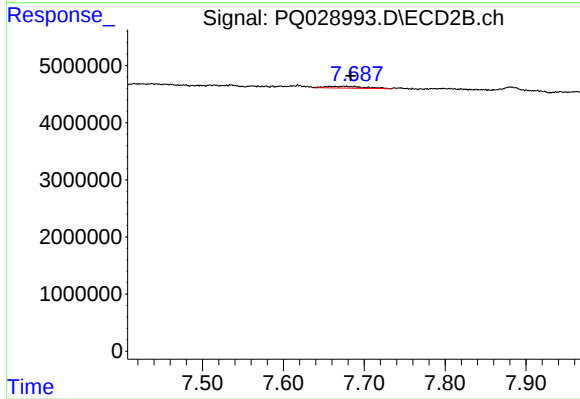
#41 AR-1268-1

R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 451945
Conc: 0.25 ng/ml



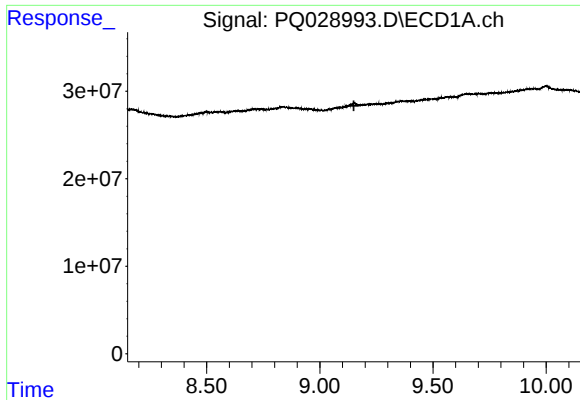
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.916 min
Response: 0
Conc: N.D.



#42 AR-1268-2

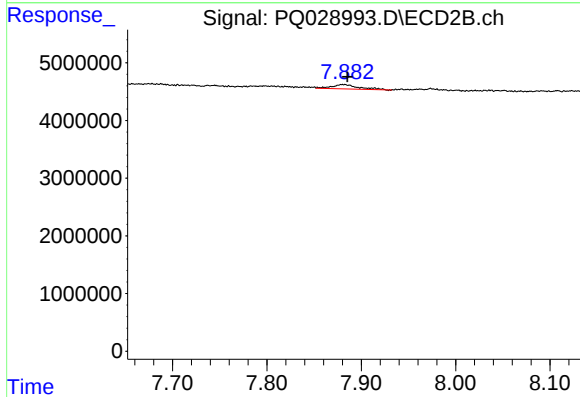
R.T.: 7.678 min
Delta R.T.: -0.005 min
Response: 958780
Conc: 0.54 ng/ml



#43 AR-1268-3

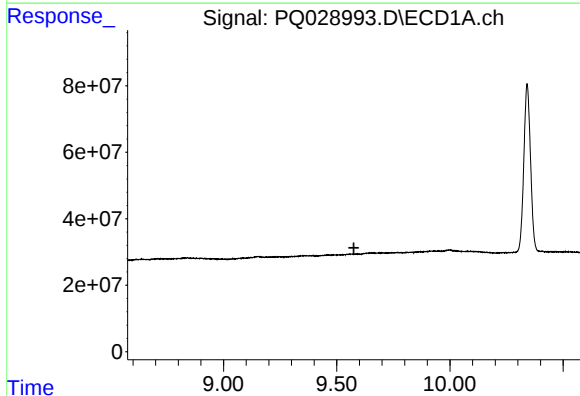
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



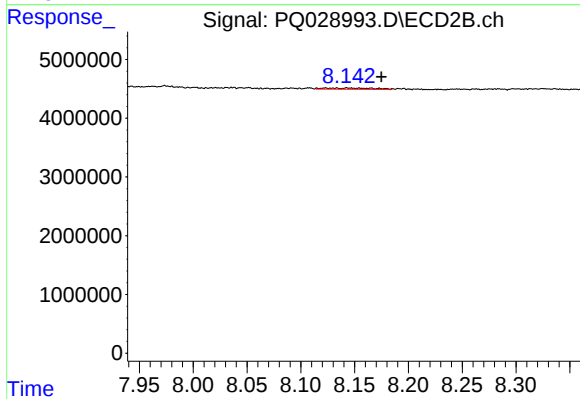
#43 AR-1268-3

R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 1535668
Conc: 1.12 ng/ml



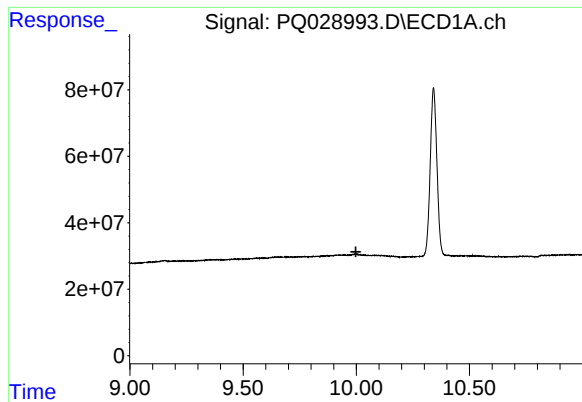
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.576 min
Response: 0
Conc: N.D.



#44 AR-1268-4

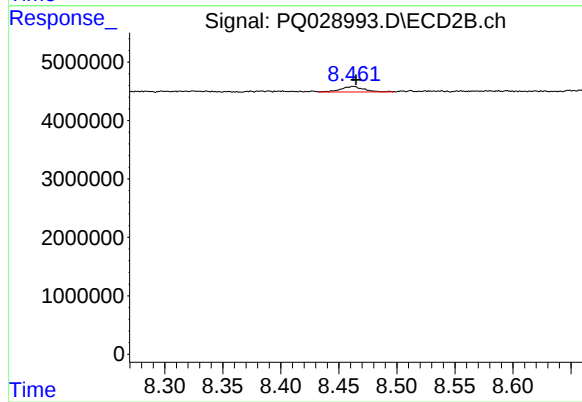
R.T.: 8.124 min
Delta R.T.: -0.051 min
Response: 643029
Conc: 1.02 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.998 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.462 min
Delta R.T.: -0.003 min
Response: 1288688
Conc: 0.29 ng/ml