

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
 Data File : PQ063990.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2023 06:58
 Operator : YP\AJ
 Sample : 05321-11
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 12:27:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.459	2.776	99461659	103.2E6	21.704	22.981
2) SA Decachlor...	8.689	7.572	91598979	150.2E6	27.733	28.032
Target Compounds						
3) L1 AR-1016-1	4.593	0.000	432497	0	3.016	N.D. #
4) L1 AR-1016-2	4.593	0.000	432497	0	1.974	N.D. #
5) L1 AR-1016-3	4.673	0.000	661557	0	4.836	N.D. #
6) L1 AR-1016-4	4.761	4.079f	1276353	942896	11.323	10.619
8) L2 AR-1221-1	3.646	3.047f	8096910	929472	146.456	17.119 #
9) L2 AR-1221-2	3.740	3.047	1266650	929472	34.756	25.026 #
10) L2 AR-1221-3	0.000	3.143	0	14281298	N.D.	114.492 #
11) L3 AR-1232-1	0.000	3.143	0	14281298	N.D.	137.187 #
12) L3 AR-1232-2	4.320	0.000	5737452	0	113.238	N.D. #
13) L3 AR-1232-3	4.593	0.000	432497	0	4.453	N.D. #
14) L3 AR-1232-4	4.761	4.079	1276353	942896	25.423	23.363
15) L3 AR-1232-5	4.847	0.000	689104	0	19.079	N.D. #
16) L4 AR-1242-1	4.593	0.000	432497	0	3.606	N.D. #
17) L4 AR-1242-2	4.593	0.000	432497	0	2.401	N.D. #
18) L4 AR-1242-3	4.673	0.000	661557	0	5.895	N.D. #
19) L4 AR-1242-4	4.761	4.079	1276353	942896	13.866	11.462
20) L4 AR-1242-5	5.478	4.548	330828	450056	3.461	4.232
21) L5 AR-1248-1	4.593	0.000	432497	0	4.662	N.D. #
22) L5 AR-1248-2	4.847	4.079f	689104	942896	5.212	7.224 #
23) L5 AR-1248-3	0.000	4.079	0	942896	N.D.	7.581 #
24) L5 AR-1248-4	5.402	0.000	2151760	0	12.534	N.D. #
25) L5 AR-1248-5	5.478	4.548f	330828	450056	1.971	3.041 #
26) L6 AR-1254-1	5.402	4.548	2151760	450056	12.399	2.057 #
27) L6 AR-1254-2	5.619	0.000	1052202	0	3.915	N.D. #
28) L6 AR-1254-3	5.976	5.079	1145068	1428015	4.167	4.808
29) L6 AR-1254-4	6.317f	5.316	356611	987873	1.786	5.234 #
30) L6 AR-1254-5	6.679	5.703	498539	3898896	2.278	14.332 #
31) L7 AR-1260-1	6.137	5.208	397668	700377	1.818	3.333 #
32) L7 AR-1260-2	6.403	0.000	724845	0	2.784	N.D. #
34) L7 AR-1260-4	6.982	6.075f	439852	2107273	2.048	10.416 #
35) L7 AR-1260-5	7.322	6.300f	2538733	1150821	6.274	2.464 #
36) L8 AR-1262-1	0.000	5.703f	0	3898896	N.D.	13.454 #
37) L8 AR-1262-2	7.322	6.300f	2538733	1150821	5.522	2.201 #
38) L8 AR-1262-3	0.000	6.469f	0	111354	N.D.	0.518 #
40) L8 AR-1262-5	8.147	7.151f	534754	1830783	3.405	9.140 #
41) L9 AR-1268-1	0.000	6.469f	0	111354	N.D.	0.182 #
43) L9 AR-1268-3	7.824	6.800	861030	728584	2.061	1.488 #
44) L9 AR-1268-4	8.147	7.151f	534754	1830783	3.079	8.620 #
45) L9 AR-1268-5	8.447	7.354	1119329	1271194	0.910	0.702

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ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
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Quant Time: Nov 11 12:27:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 11 06:14:57 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

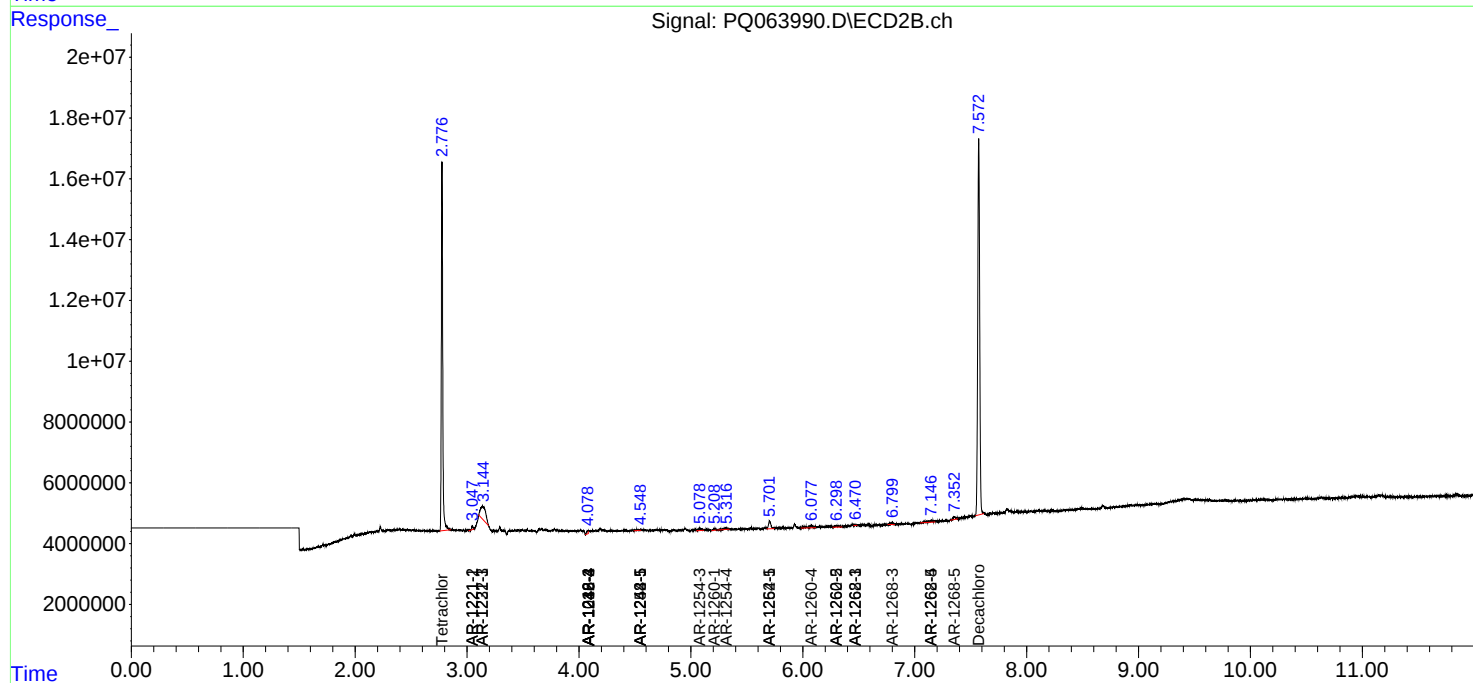
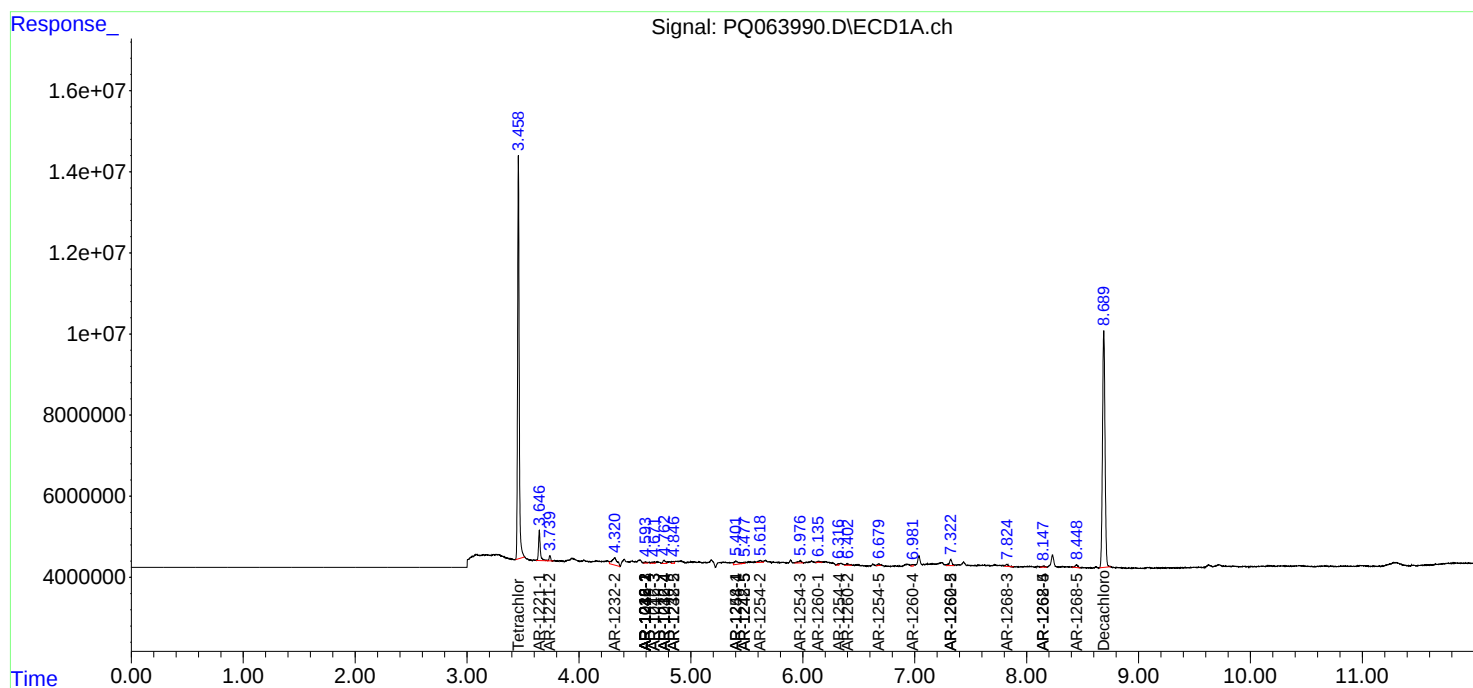
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

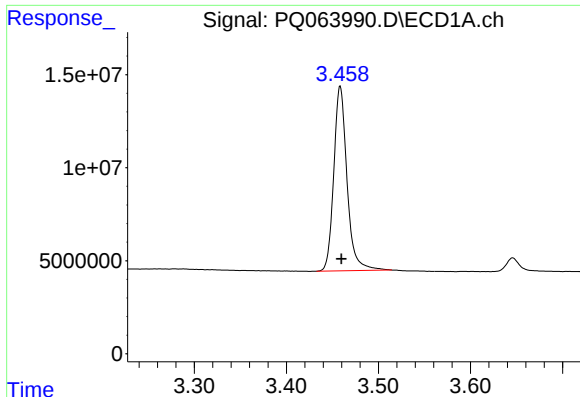
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
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Acq On : 11 Nov 2023 06:58
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Instrument :
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

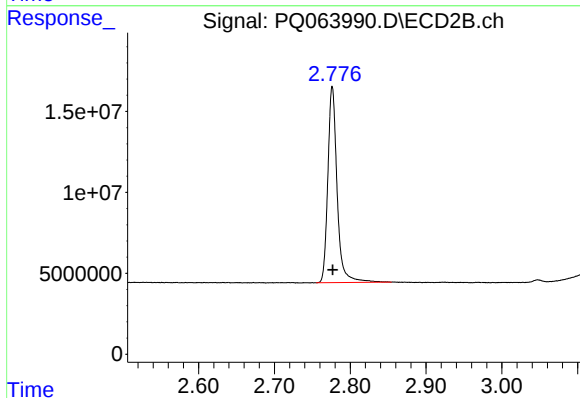




#1 Tetrachloro-m-xylene

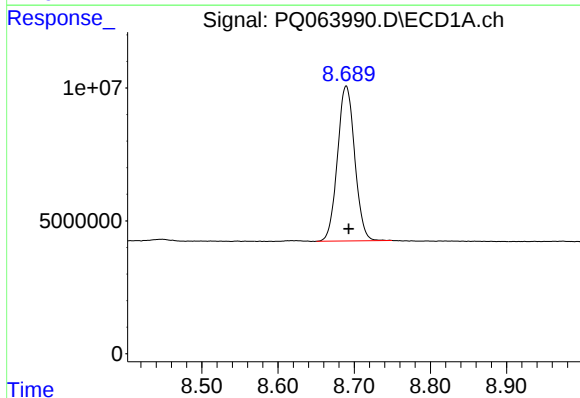
R.T.: 3.459 min
Delta R.T.: -0.001 min
Response: 99461659
Conc: 21.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



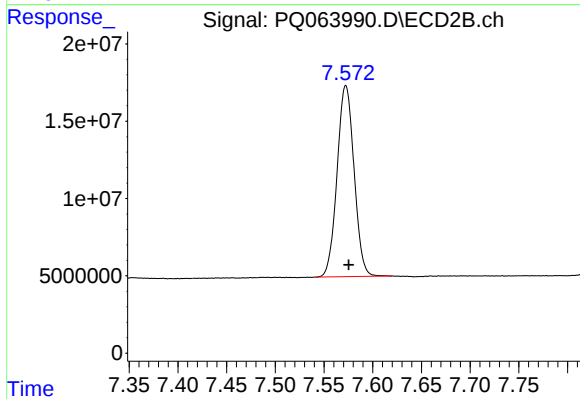
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 103181699
Conc: 22.98 ng/ml



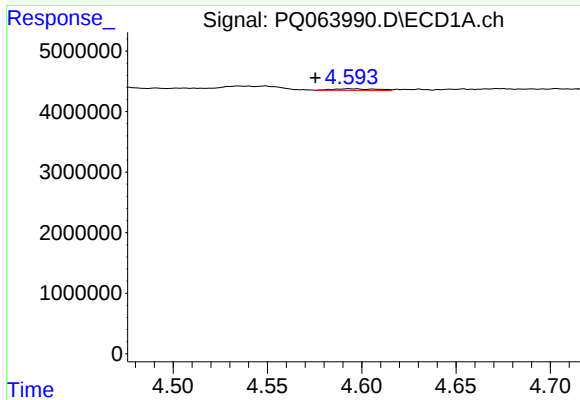
#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: -0.003 min
Response: 91598979
Conc: 27.73 ng/ml



#2 Decachlorobiphenyl

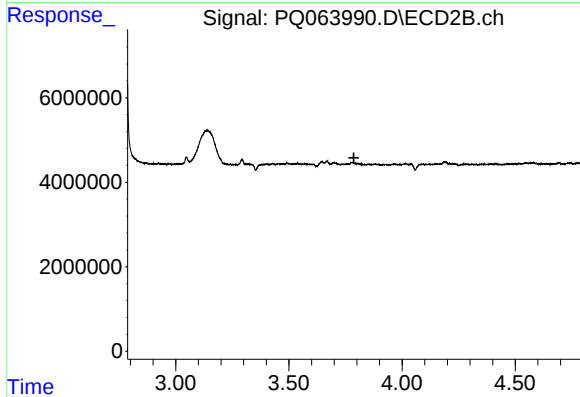
R.T.: 7.572 min
Delta R.T.: -0.003 min
Response: 150242021
Conc: 28.03 ng/ml



#3 AR-1016-1

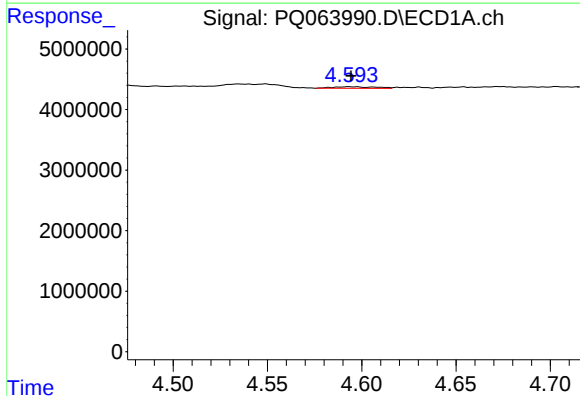
R.T.: 4.593 min
Delta R.T.: 0.018 min
Response: 432497
Conc: 3.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



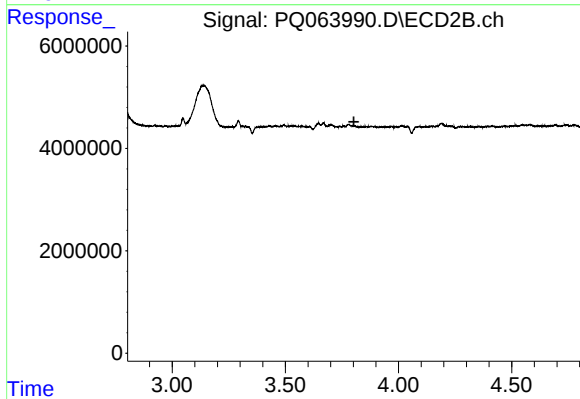
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.787 min
Response: 0
Conc: N.D.



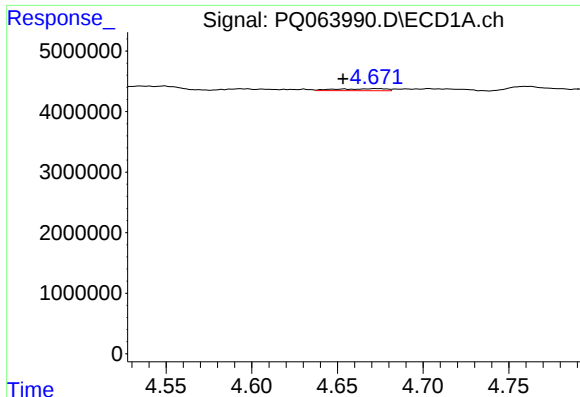
#4 AR-1016-2

R.T.: 4.593 min
Delta R.T.: -0.001 min
Response: 432497
Conc: 1.97 ng/ml



#4 AR-1016-2

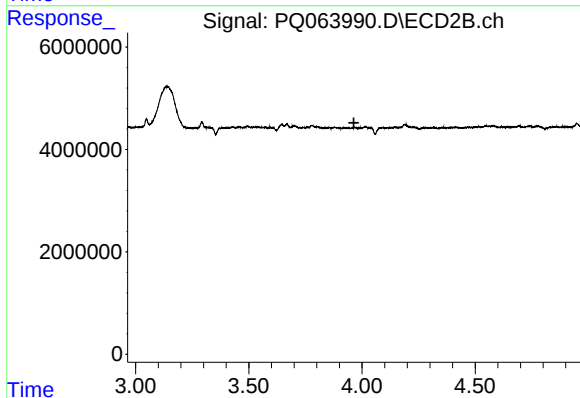
R.T.: 0.000 min
Exp R.T. : 3.803 min
Response: 0
Conc: N.D.



#5 AR-1016-3

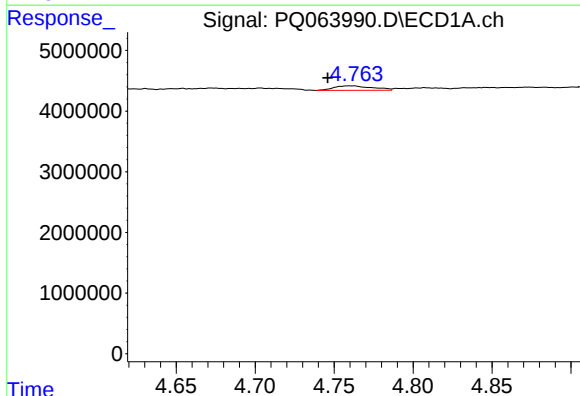
R.T.: 4.673 min
Delta R.T.: 0.019 min
Response: 661557
Conc: 4.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



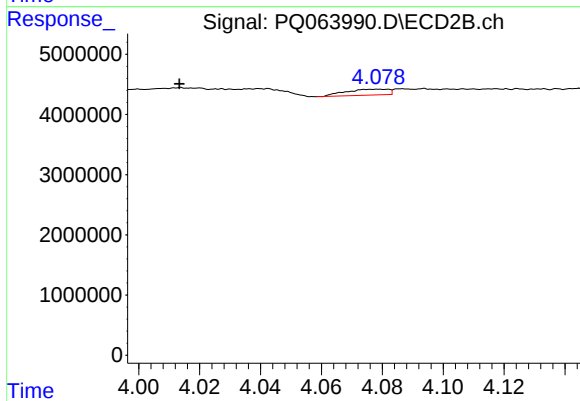
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



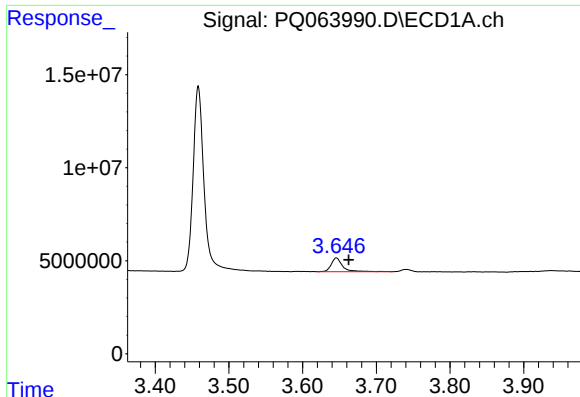
#6 AR-1016-4

R.T.: 4.761 min
Delta R.T.: 0.015 min
Response: 1276353
Conc: 11.32 ng/ml



#6 AR-1016-4

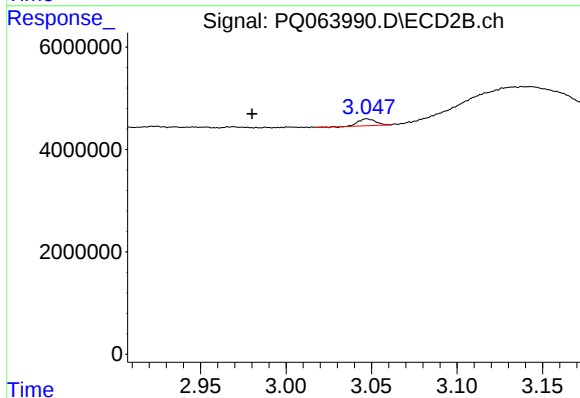
R.T.: 4.079 min
Delta R.T.: 0.065 min
Response: 942896
Conc: 10.62 ng/ml



#8 AR-1221-1

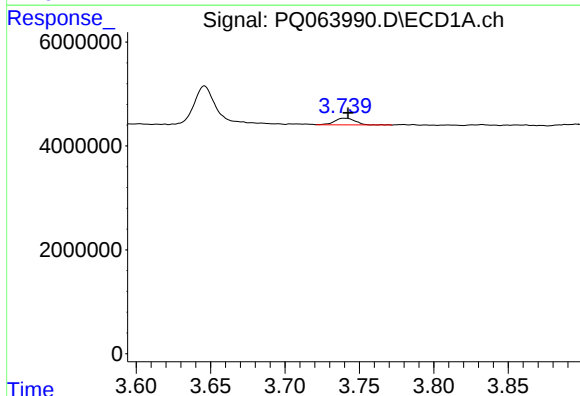
R.T.: 3.646 min
Delta R.T.: -0.017 min
Response: 8096910
Conc: 146.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



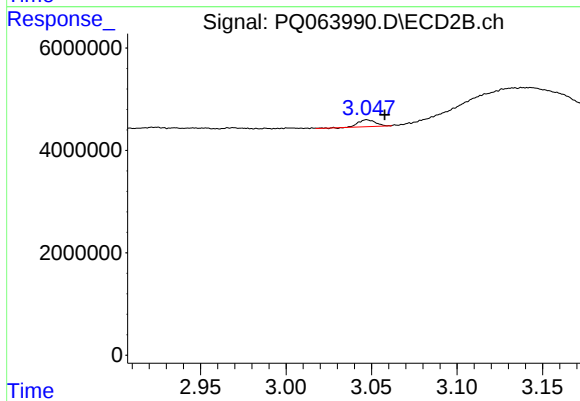
#8 AR-1221-1

R.T.: 3.047 min
Delta R.T.: 0.067 min
Response: 929472
Conc: 17.12 ng/ml



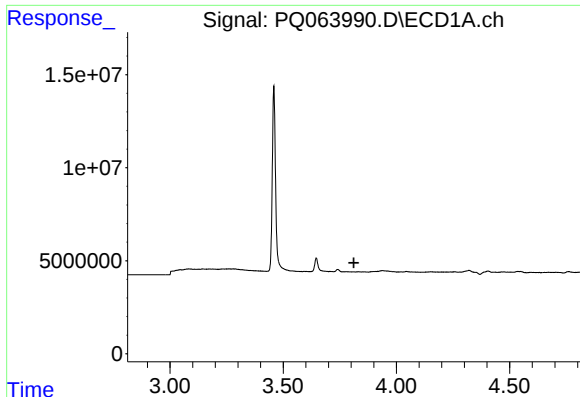
#9 AR-1221-2

R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 1266650
Conc: 34.76 ng/ml



#9 AR-1221-2

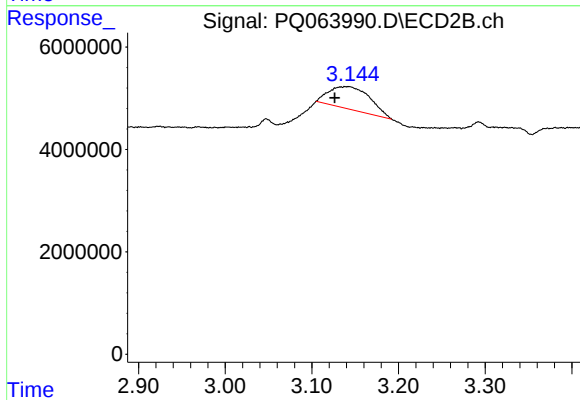
R.T.: 3.047 min
Delta R.T.: -0.010 min
Response: 929472
Conc: 25.03 ng/ml



#10 AR-1221-3

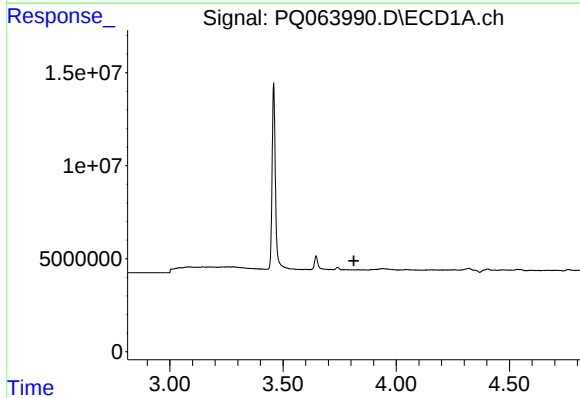
R.T.: 0.000 min
Exp R.T.: 3.812 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



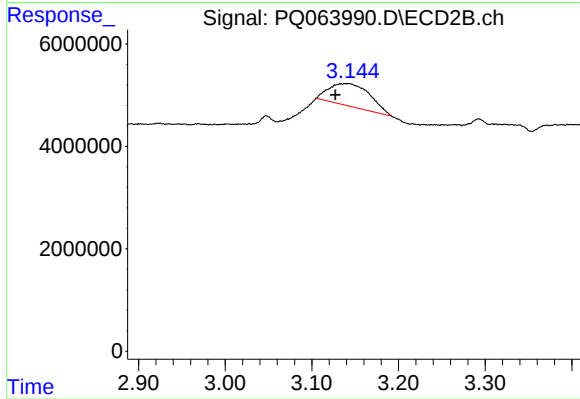
#10 AR-1221-3

R.T.: 3.143 min
Delta R.T.: 0.017 min
Response: 14281298
Conc: 114.49 ng/ml



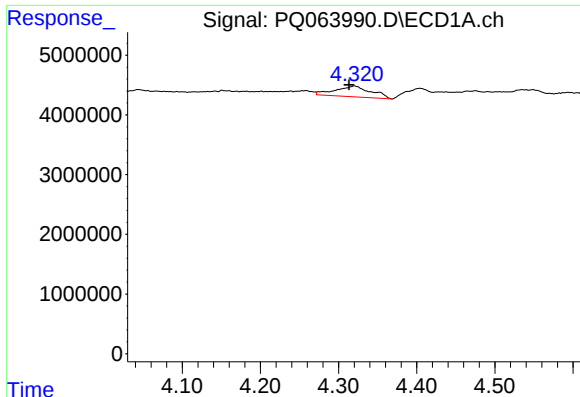
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 3.813 min
Response: 0
Conc: N.D.



#11 AR-1232-1

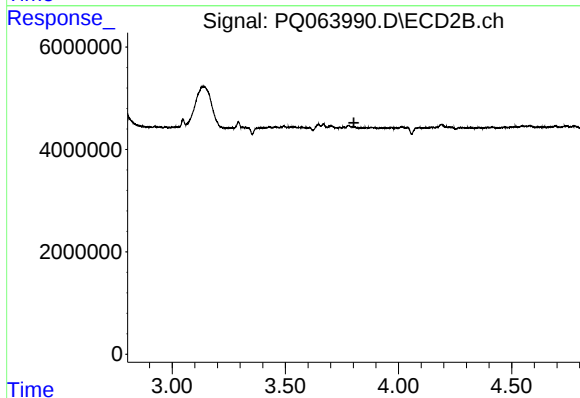
R.T.: 3.143 min
Delta R.T.: 0.016 min
Response: 14281298
Conc: 137.19 ng/ml



#12 AR-1232-2

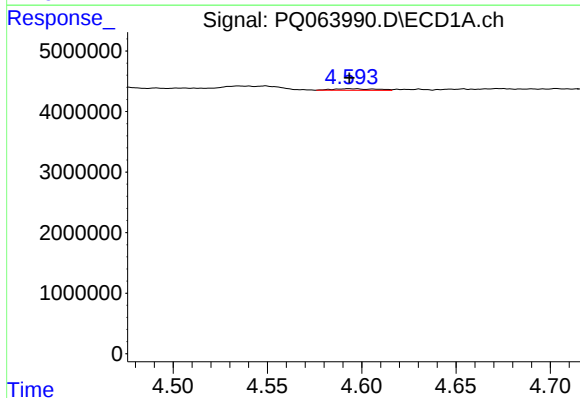
R.T.: 4.320 min
Delta R.T.: 0.007 min
Response: 5737452
Conc: 113.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



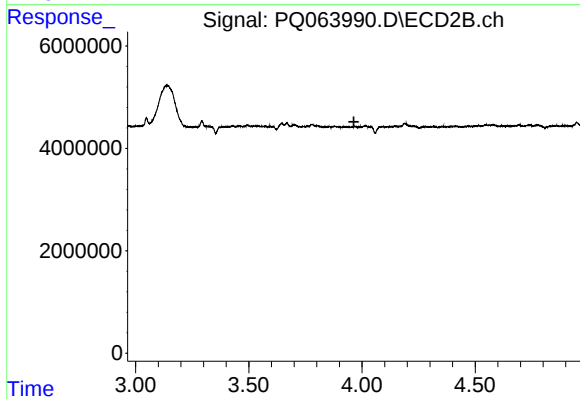
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 3.803 min
Response: 0
Conc: N.D.



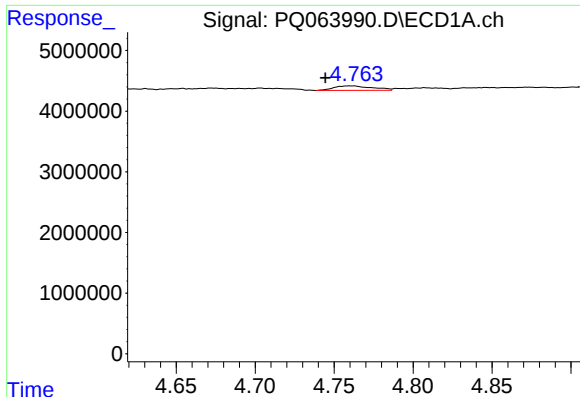
#13 AR-1232-3

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 432497
Conc: 4.45 ng/ml



#13 AR-1232-3

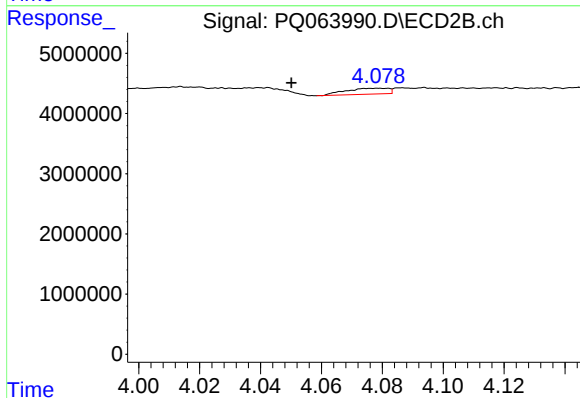
R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



#14 AR-1232-4

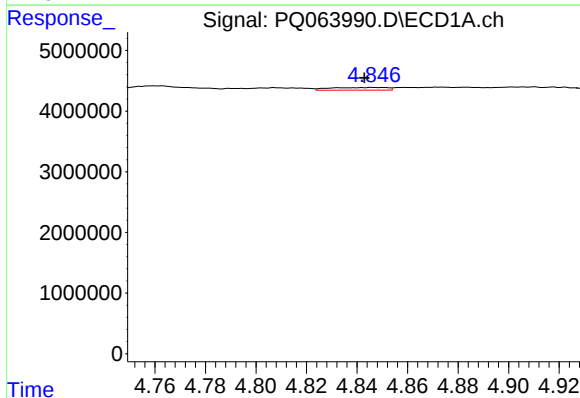
R.T.: 4.761 min
Delta R.T.: 0.017 min
Response: 1276353
Conc: 25.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



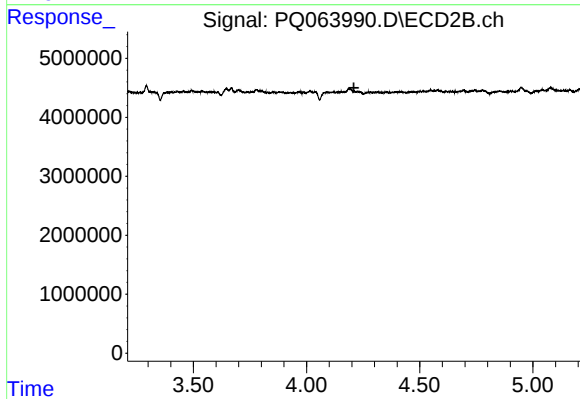
#14 AR-1232-4

R.T.: 4.079 min
Delta R.T.: 0.029 min
Response: 942896
Conc: 23.36 ng/ml



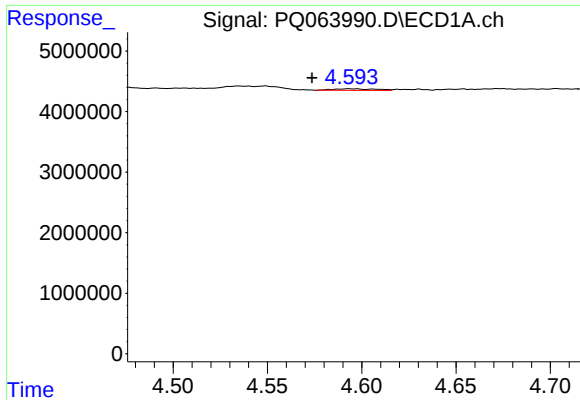
#15 AR-1232-5

R.T.: 4.847 min
Delta R.T.: 0.004 min
Response: 689104
Conc: 19.08 ng/ml



#15 AR-1232-5

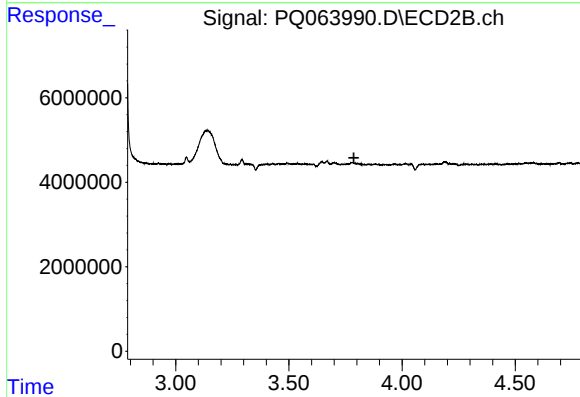
R.T.: 0.000 min
Exp R.T.: 4.209 min
Response: 0
Conc: N.D.



#16 AR-1242-1

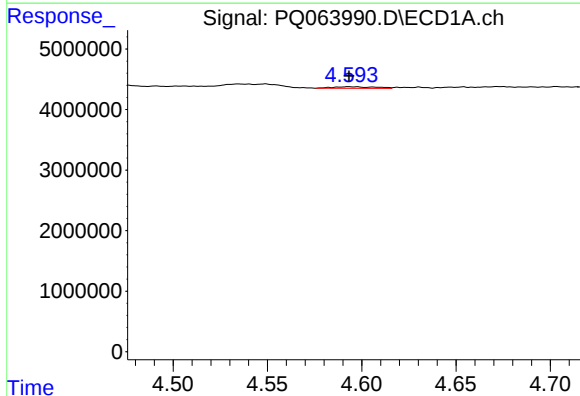
R.T.: 4.593 min
Delta R.T.: 0.020 min
Response: 432497
Conc: 3.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



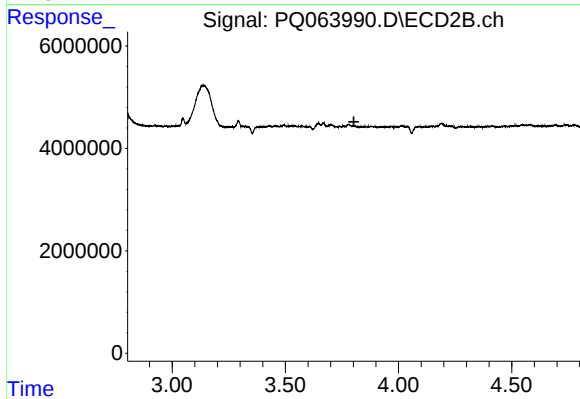
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 3.787 min
Response: 0
Conc: N.D.



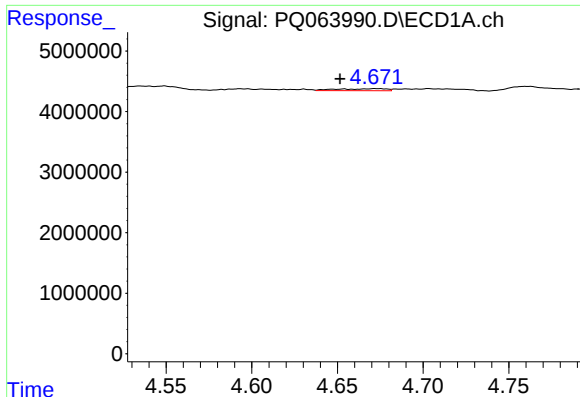
#17 AR-1242-2

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 432497
Conc: 2.40 ng/ml



#17 AR-1242-2

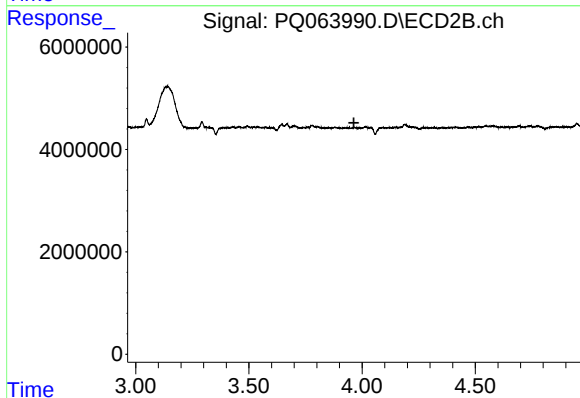
R.T.: 0.000 min
Exp R.T. : 3.803 min
Response: 0
Conc: N.D.



#18 AR-1242-3

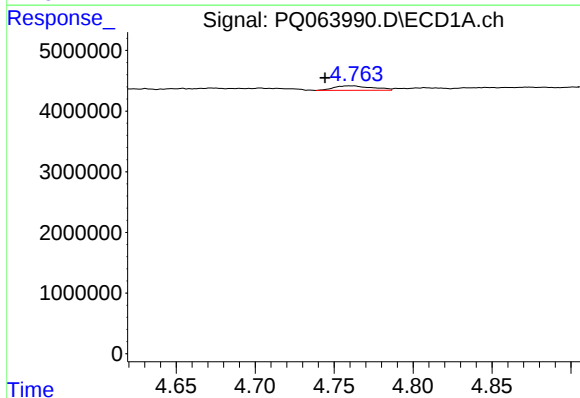
R.T.: 4.673 min
Delta R.T.: 0.021 min
Response: 661557
Conc: 5.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



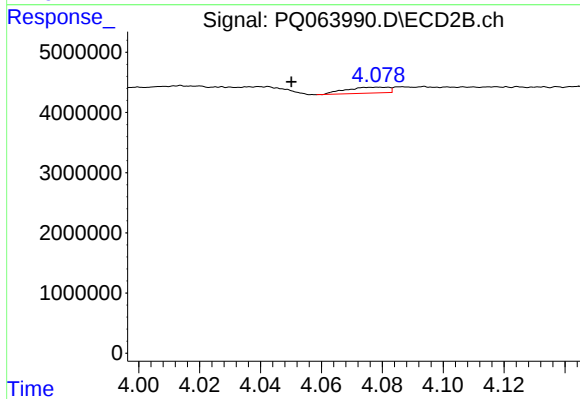
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



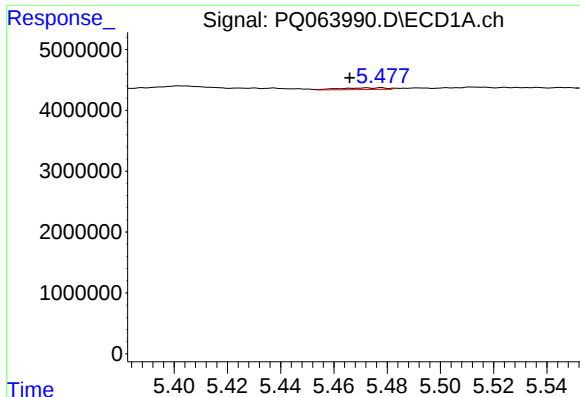
#19 AR-1242-4

R.T.: 4.761 min
Delta R.T.: 0.017 min
Response: 1276353
Conc: 13.87 ng/ml



#19 AR-1242-4

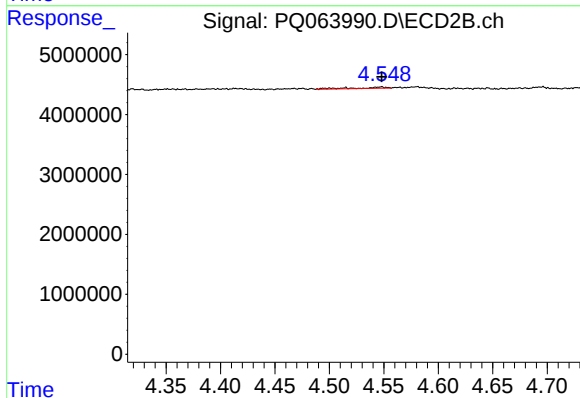
R.T.: 4.079 min
Delta R.T.: 0.029 min
Response: 942896
Conc: 11.46 ng/ml



#20 AR-1242-5

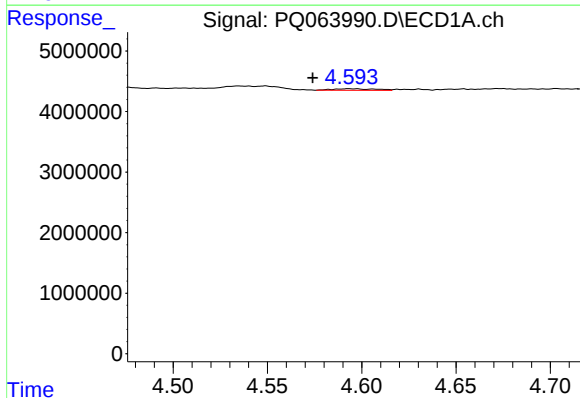
R.T.: 5.478 min
Delta R.T.: 0.012 min
Response: 330828
Conc: 3.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



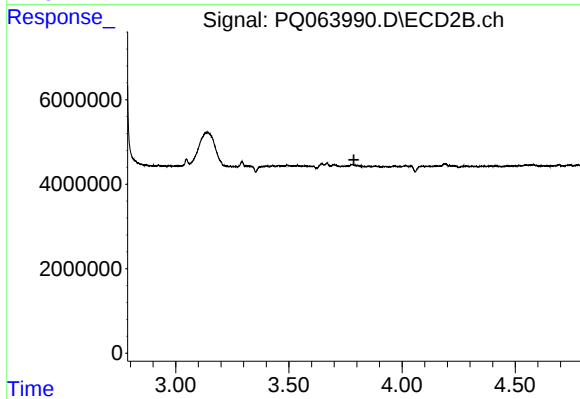
#20 AR-1242-5

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 450056
Conc: 4.23 ng/ml



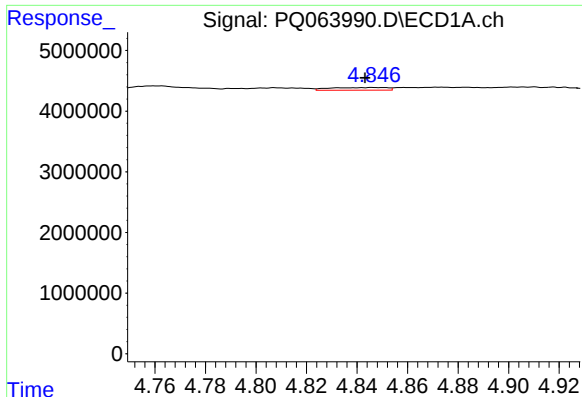
#21 AR-1248-1

R.T.: 4.593 min
Delta R.T.: 0.019 min
Response: 432497
Conc: 4.66 ng/ml



#21 AR-1248-1

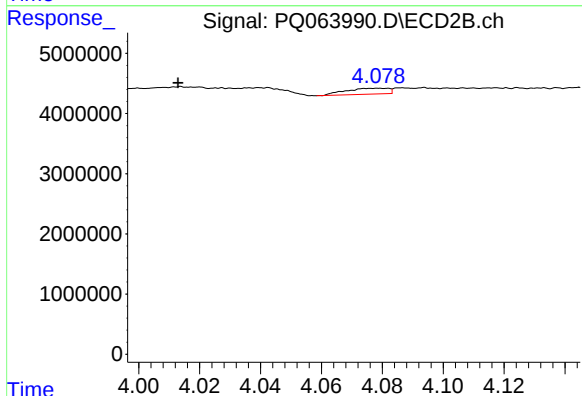
R.T.: 0.000 min
Exp R.T. : 3.787 min
Response: 0
Conc: N.D.



#22 AR-1248-2

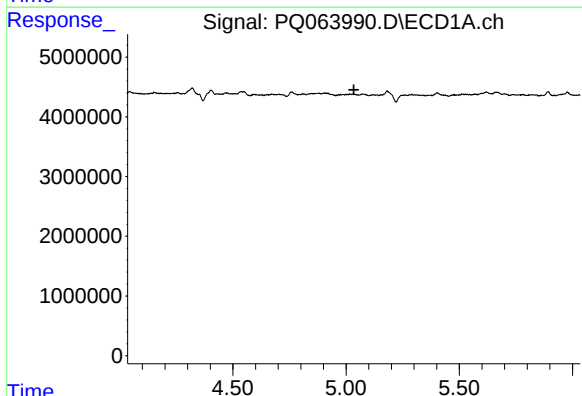
R.T.: 4.847 min
Delta R.T.: 0.003 min
Response: 689104
Conc: 5.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



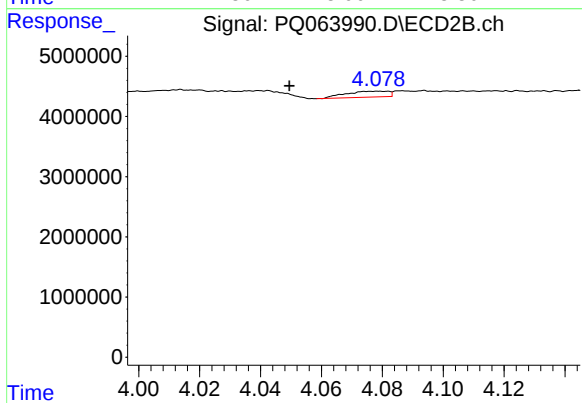
#22 AR-1248-2

R.T.: 4.079 min
Delta R.T.: 0.066 min
Response: 942896
Conc: 7.22 ng/ml



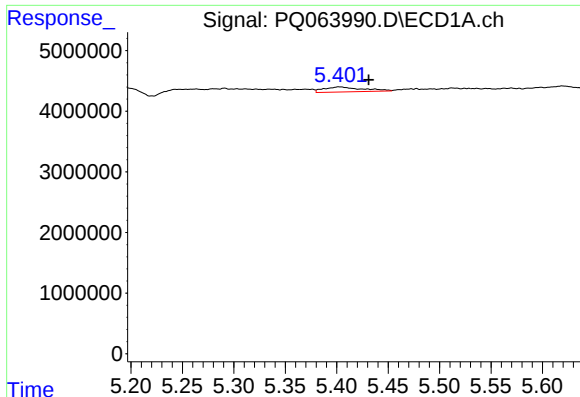
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.034 min
Response: 0
Conc: N.D.



#23 AR-1248-3

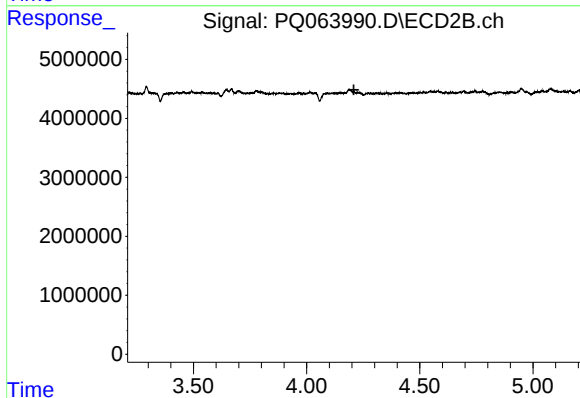
R.T.: 4.079 min
Delta R.T.: 0.029 min
Response: 942896
Conc: 7.58 ng/ml



#24 AR-1248-4

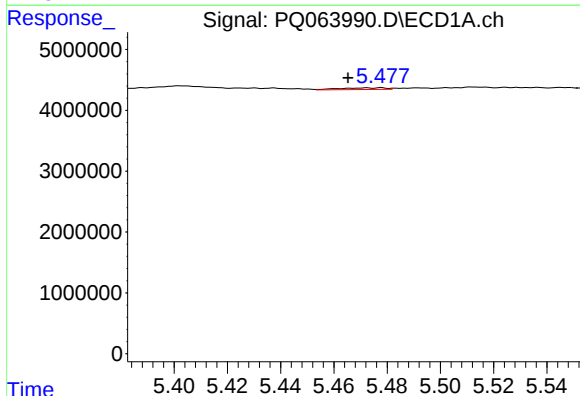
R.T.: 5.402 min
Delta R.T.: -0.029 min
Response: 2151760
Conc: 12.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



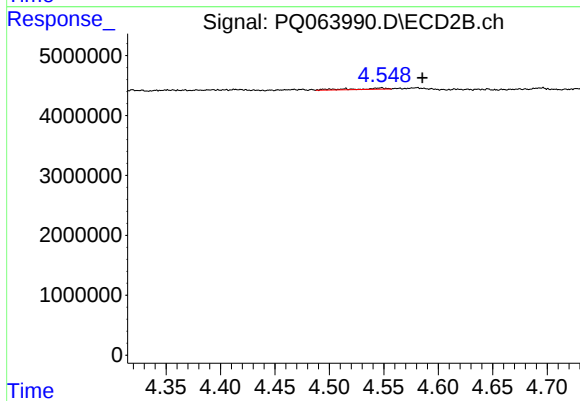
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.209 min
Response: 0
Conc: N.D.



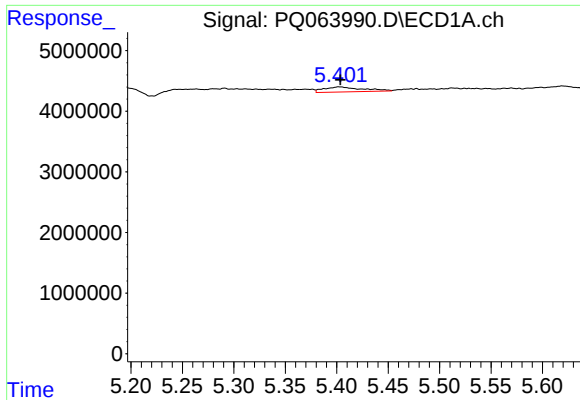
#25 AR-1248-5

R.T.: 5.478 min
Delta R.T.: 0.012 min
Response: 330828
Conc: 1.97 ng/ml



#25 AR-1248-5

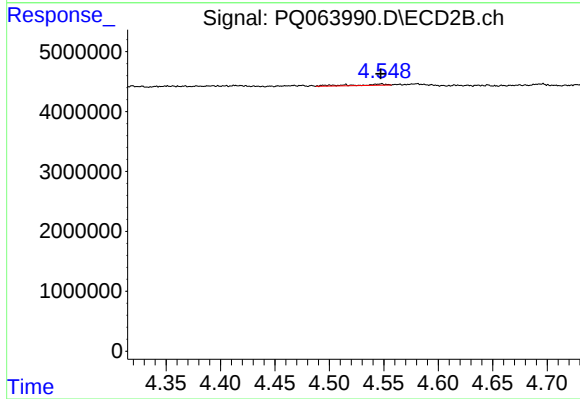
R.T.: 4.548 min
Delta R.T.: -0.038 min
Response: 450056
Conc: 3.04 ng/ml



#26 AR-1254-1

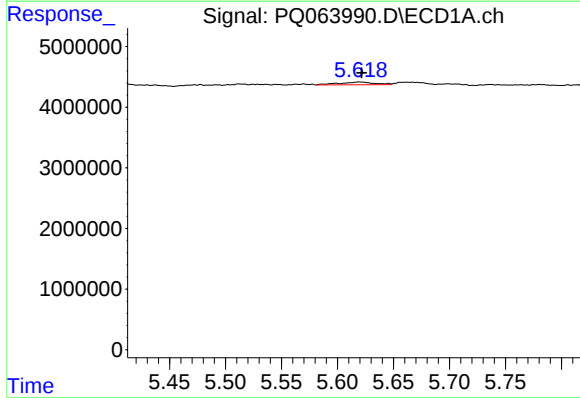
R.T.: 5.402 min
Delta R.T.: -0.001 min
Response: 2151760
Conc: 12.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



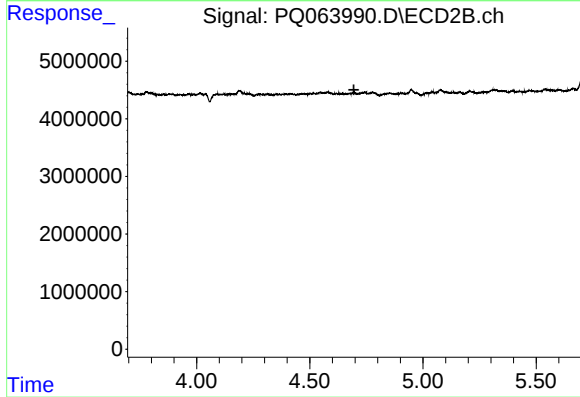
#26 AR-1254-1

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 450056
Conc: 2.06 ng/ml



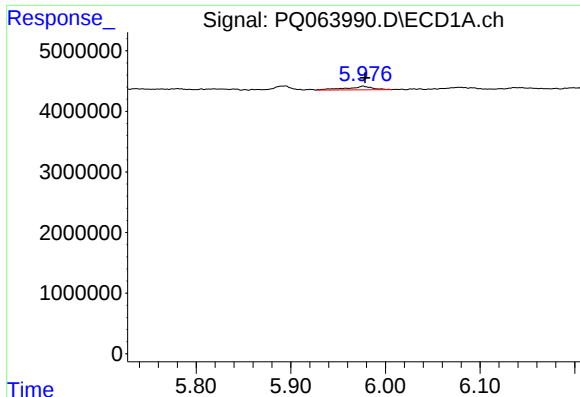
#27 AR-1254-2

R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 1052202
Conc: 3.91 ng/ml



#27 AR-1254-2

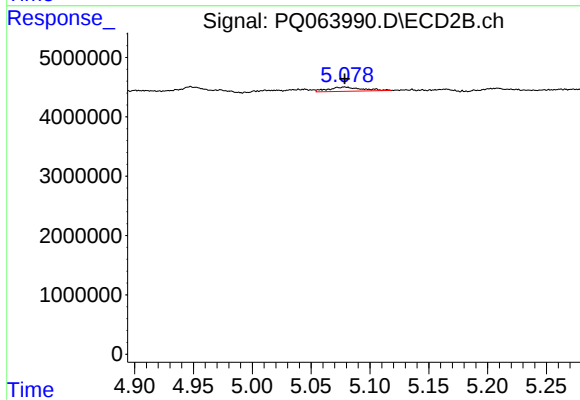
R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



#28 AR-1254-3

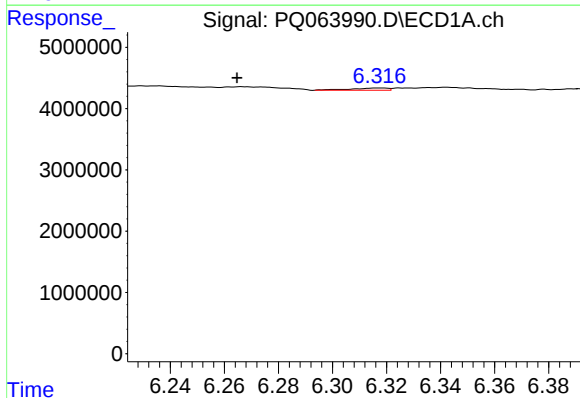
R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 1145068
Conc: 4.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



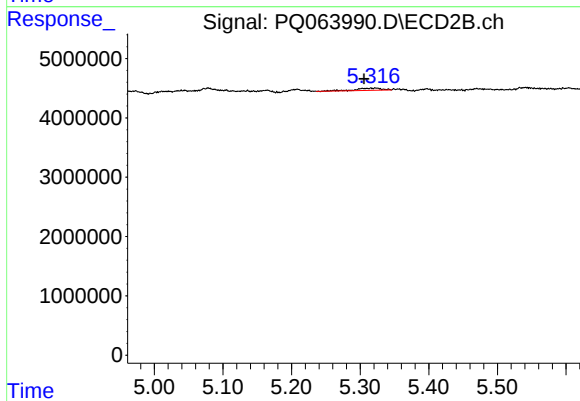
#28 AR-1254-3

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 1428015
Conc: 4.81 ng/ml



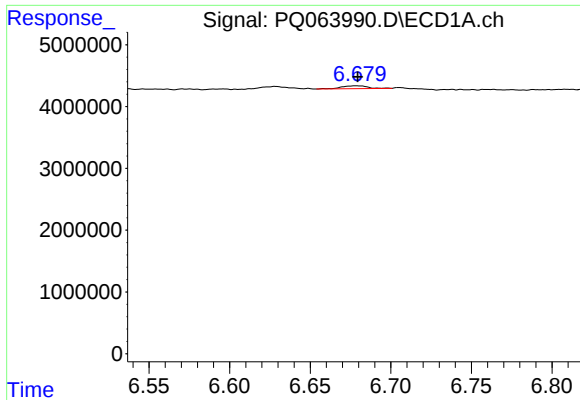
#29 AR-1254-4

R.T.: 6.317 min
Delta R.T.: 0.053 min
Response: 356611
Conc: 1.79 ng/ml



#29 AR-1254-4

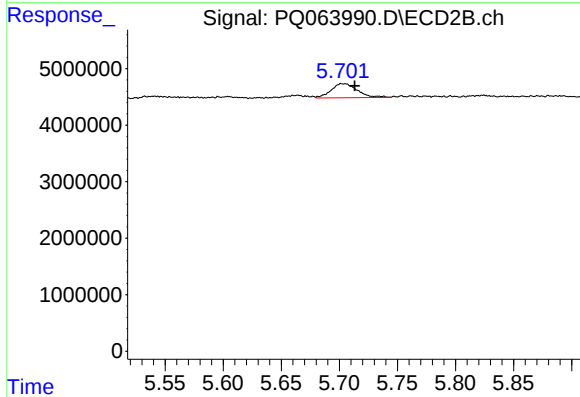
R.T.: 5.316 min
Delta R.T.: 0.010 min
Response: 987873
Conc: 5.23 ng/ml



#30 AR-1254-5

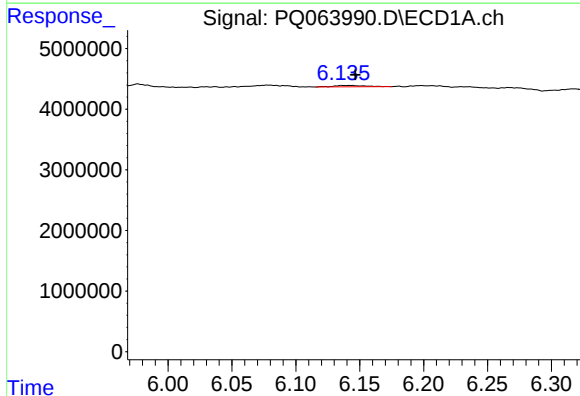
R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 498539
Conc: 2.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



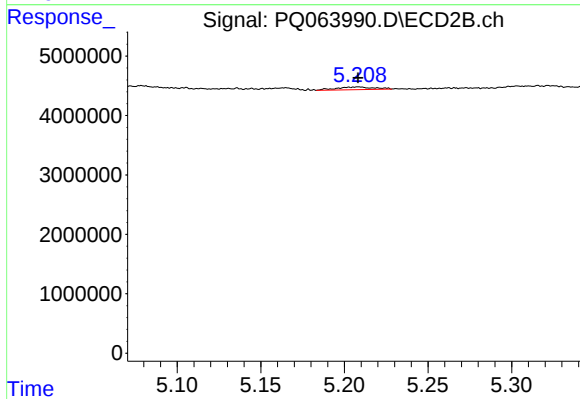
#30 AR-1254-5

R.T.: 5.703 min
Delta R.T.: -0.011 min
Response: 3898896
Conc: 14.33 ng/ml



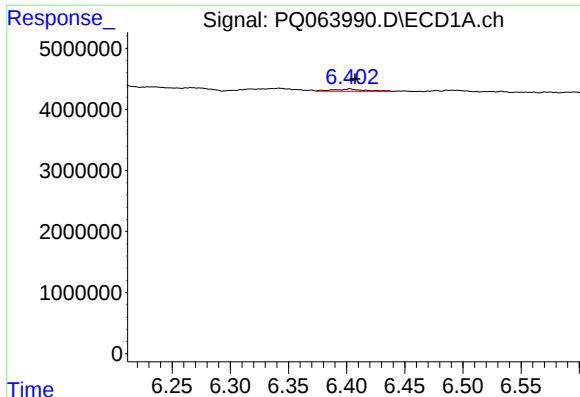
#31 AR-1260-1

R.T.: 6.137 min
Delta R.T.: -0.010 min
Response: 397668
Conc: 1.82 ng/ml



#31 AR-1260-1

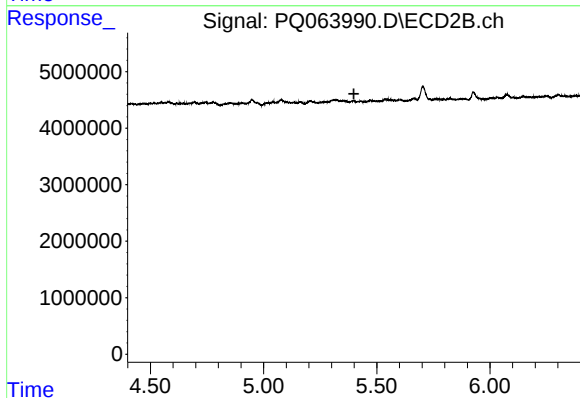
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 700377
Conc: 3.33 ng/ml



#32 AR-1260-2

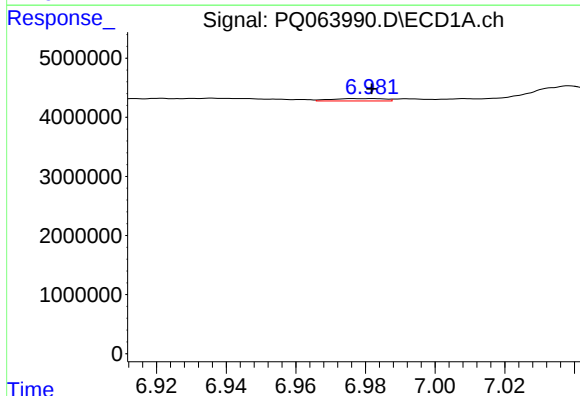
R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 724845
Conc: 2.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



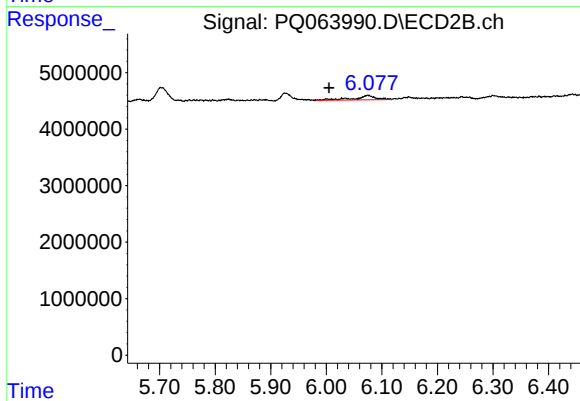
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 5.399 min
Response: 0
Conc: N.D.



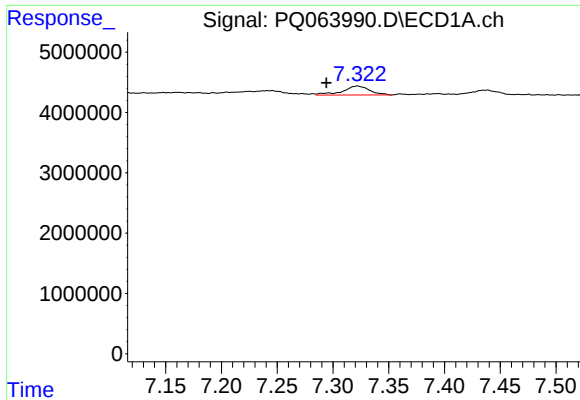
#34 AR-1260-4

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 439852
Conc: 2.05 ng/ml



#34 AR-1260-4

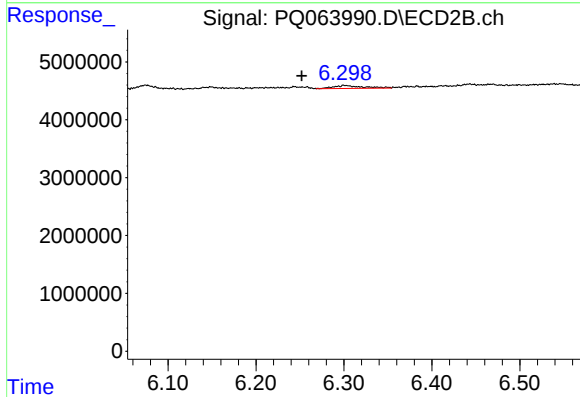
R.T.: 6.075 min
Delta R.T.: 0.070 min
Response: 2107273
Conc: 10.42 ng/ml



#35 AR-1260-5

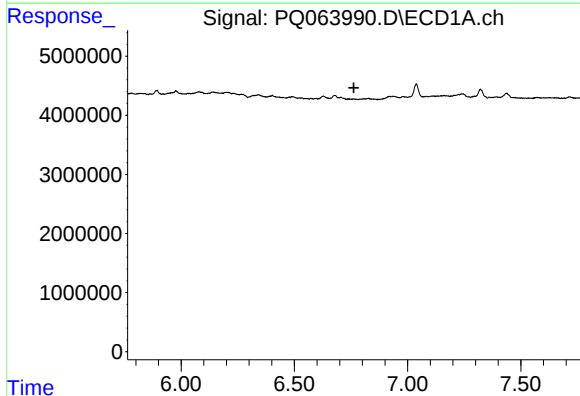
R.T.: 7.322 min
Delta R.T.: 0.028 min
Response: 2538733
Conc: 6.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



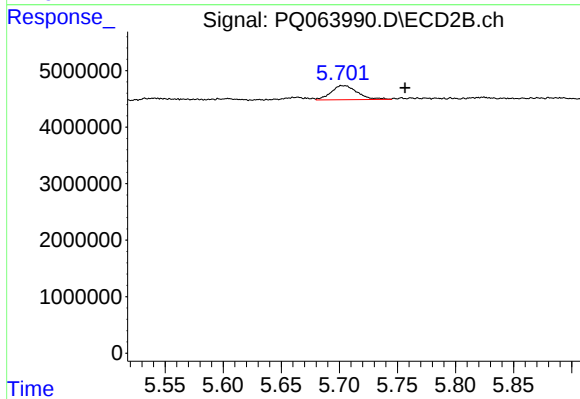
#35 AR-1260-5

R.T.: 6.300 min
Delta R.T.: 0.048 min
Response: 1150821
Conc: 2.46 ng/ml



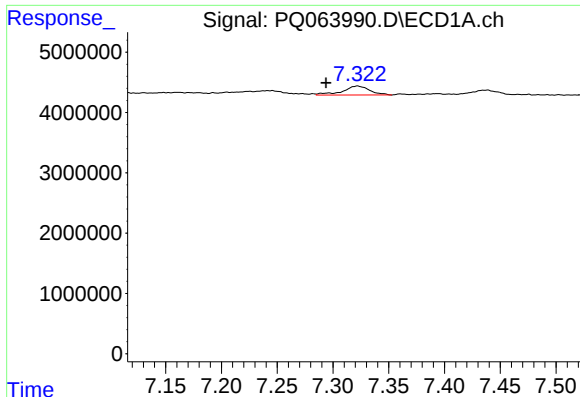
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.763 min
Response: 0
Conc: N.D.



#36 AR-1262-1

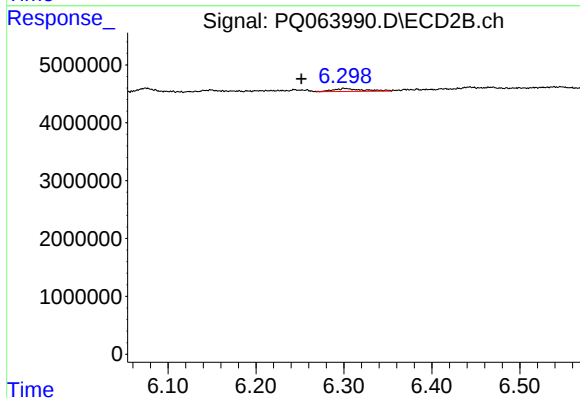
R.T.: 5.703 min
Delta R.T.: -0.054 min
Response: 3898896
Conc: 13.45 ng/ml



#37 AR-1262-2

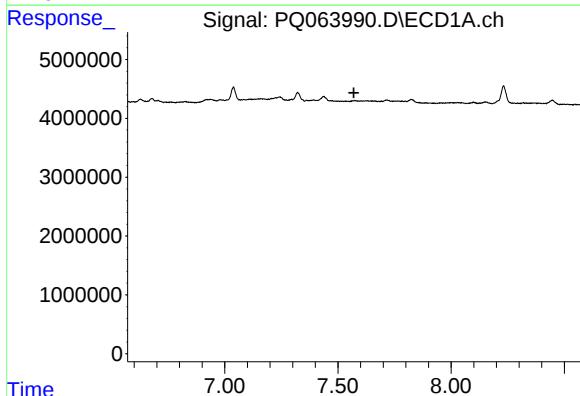
R.T.: 7.322 min
Delta R.T.: 0.028 min
Response: 2538733
Conc: 5.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



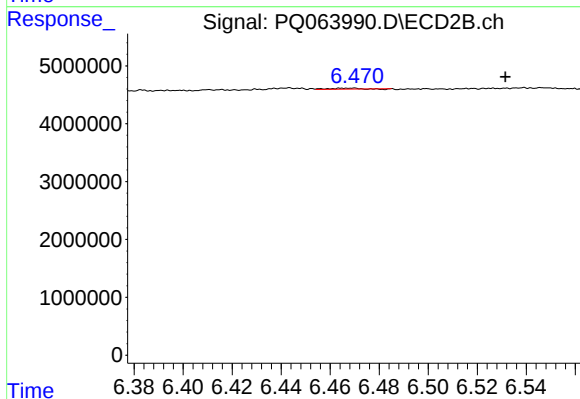
#37 AR-1262-2

R.T.: 6.300 min
Delta R.T.: 0.048 min
Response: 1150821
Conc: 2.20 ng/ml



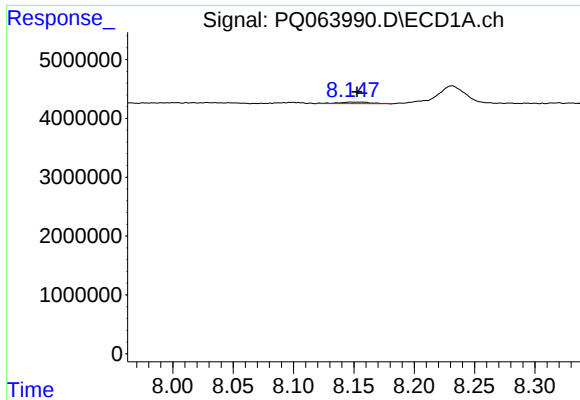
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.570 min
Response: 0
Conc: N.D.



#38 AR-1262-3

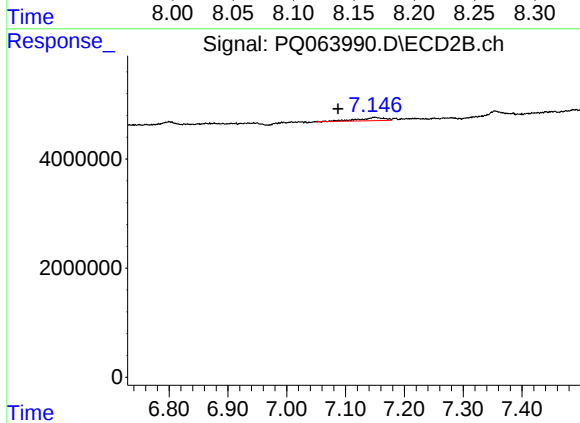
R.T.: 6.469 min
Delta R.T.: -0.062 min
Response: 111354
Conc: 0.52 ng/ml



#40 AR-1262-5

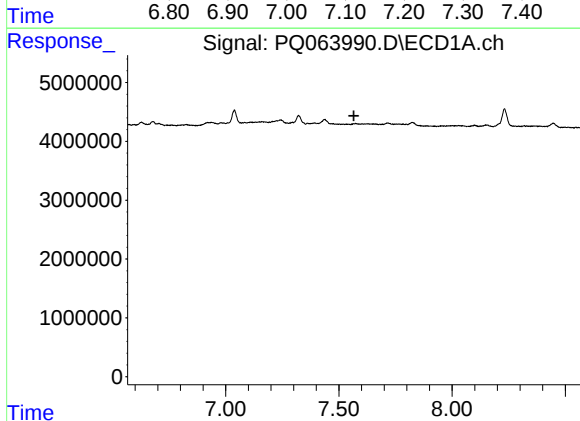
R.T.: 8.147 min
Delta R.T.: -0.005 min
Response: 534754
Conc: 3.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



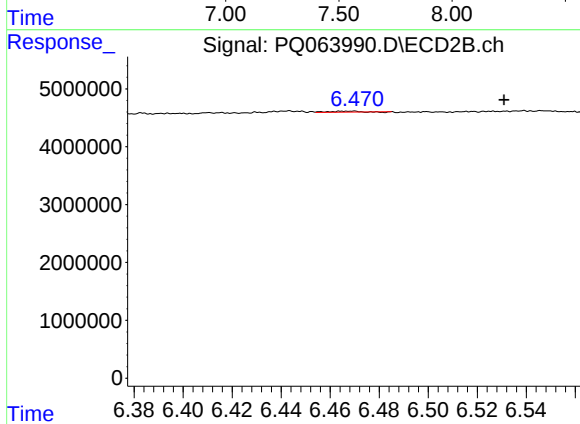
#40 AR-1262-5

R.T.: 7.151 min
Delta R.T.: 0.063 min
Response: 1830783
Conc: 9.14 ng/ml



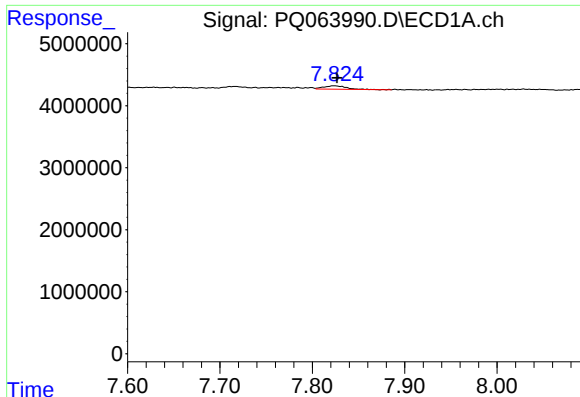
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.566 min
Response: 0
Conc: N.D.



#41 AR-1268-1

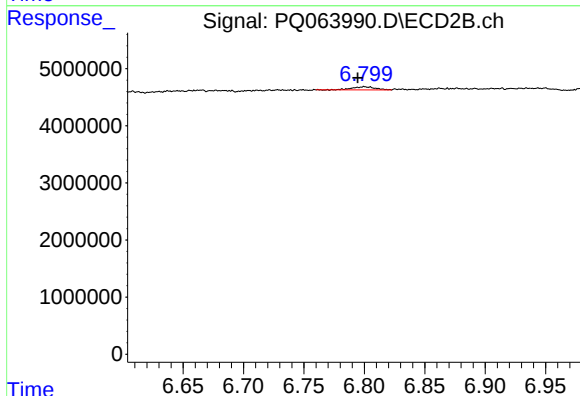
R.T.: 6.469 min
Delta R.T.: -0.062 min
Response: 111354
Conc: 0.18 ng/ml



#43 AR-1268-3

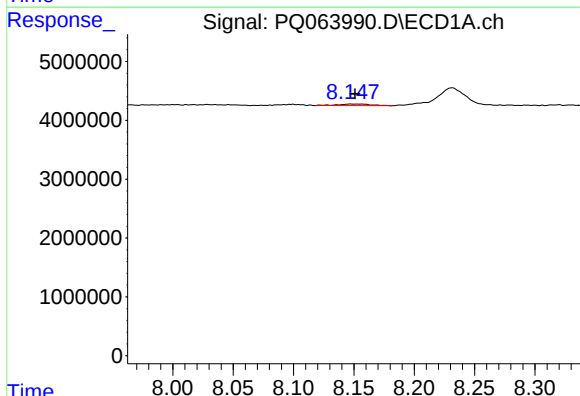
R.T.: 7.824 min
Delta R.T.: -0.003 min
Response: 861030
Conc: 2.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



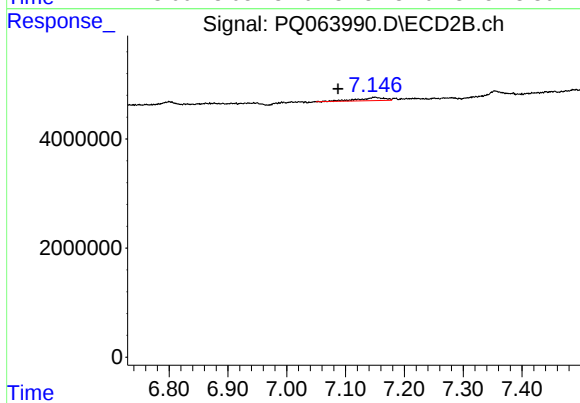
#43 AR-1268-3

R.T.: 6.800 min
Delta R.T.: 0.005 min
Response: 728584
Conc: 1.49 ng/ml



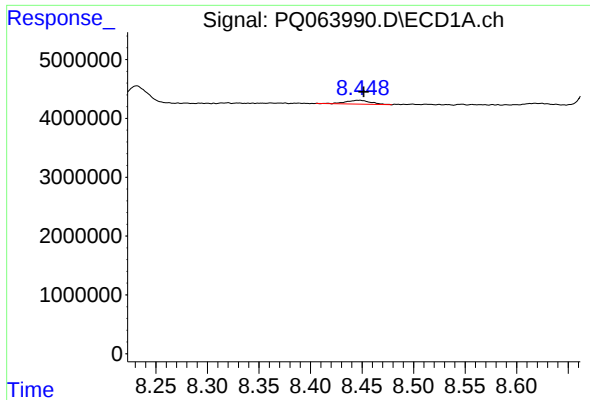
#44 AR-1268-4

R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 534754
Conc: 3.08 ng/ml



#44 AR-1268-4

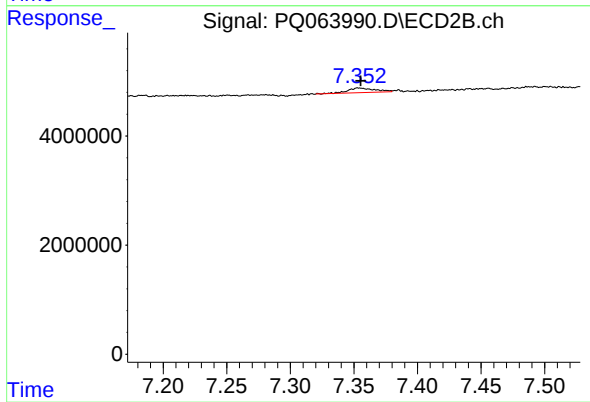
R.T.: 7.151 min
Delta R.T.: 0.063 min
Response: 1830783
Conc: 8.62 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.005 min
Response: 1119329
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.354 min
Delta R.T.: -0.001 min
Response: 1271194
Conc: 0.70 ng/ml