

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100522\
 Data File : PQ059465.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 11:44
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 16:51:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 04 21:36:00 2022
 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...	3.483	2.830	254.2E6	175.9E6	18.459	19.417
2)	SA Decachlor...	8.653	7.609	199.2E6	293.4E6	40.117	38.427
Target Compounds							
3)	L1 AR-1016-1	4.582	3.838	6663038	3348021	15.888	11.873 #
4)	L1 AR-1016-2	4.603	3.854	8541218	2960870	13.777	6.971 #
5)	L1 AR-1016-3	4.661	4.018	4958270	1945943	12.563	8.749 #
6)	L1 AR-1016-4	4.750	4.063	4942081	72455934	15.008	423.810 #
7)	L1 AR-1016-5	5.039	4.259	66039784	43889745	210.526	194.808
8)	L2 AR-1221-1	3.646f	3.032	100144	381228	0.677	3.838 #
9)	L2 AR-1221-2	3.762	3.102	4279791	2669816	41.352	39.004
10)	L2 AR-1221-3	3.830	3.180	1912026	1377992	5.743	6.009
11)	L3 AR-1232-1	3.830	3.180	1912026	1377992	6.794	7.156
12)	L3 AR-1232-2	4.324	3.854	4694927	2960870	31.957	15.721 #
13)	L3 AR-1232-3	4.603	4.018	8541218	1945943	29.929	19.955 #
14)	L3 AR-1232-4	4.750	4.099	4942081	20820431	33.032	255.053 #
15)	L3 AR-1232-5	4.847	4.259	107.2E6	43889745	1021.652	459.649 #
16)	L4 AR-1242-1	4.582	3.838	6663038	3348021	19.127	14.428
17)	L4 AR-1242-2	4.603	3.854	8541218	2960870	16.699	8.494 #
18)	L4 AR-1242-3	4.661	4.018	4958270	1945943	15.332	10.649 #
19)	L4 AR-1242-4	4.750	4.099	4942081	20820431	18.340	123.437 #
20)	L4 AR-1242-5	5.467	4.596	58417971	183.2E6	217.367	828.326 #
21)	L5 AR-1248-1	4.582	3.838	6663038	3348021	25.122	18.832 #
22)	L5 AR-1248-2	4.847	4.063	107.2E6	72455934	300.783	287.003
23)	L5 AR-1248-3	5.039	4.099	66039784	20820431	153.767	82.464 #
24)	L5 AR-1248-4	5.429	4.259	93120002	43889745	200.338	140.519 #
25)	L5 AR-1248-5	5.467	4.635	58417971	21770762	126.902	69.289 #
26)	L6 AR-1254-1	5.403	4.596	183.8E6	183.2E6	383.183	374.791
27)	L6 AR-1254-2	5.619	4.742	284.8E6	158.2E6	382.943	365.200
28)	L6 AR-1254-3	5.972	5.125	304.8E6	259.9E6	389.573	375.136
29)	L6 AR-1254-4	6.255	5.350	216.5E6	163.3E6	396.064	379.219
30)	L6 AR-1254-5	6.666	5.756	229.9E6	233.8E6	387.841	377.715
31)	L7 AR-1260-1	6.136	5.255	118.4E6	121.9E6	212.835	270.521 #
32)	L7 AR-1260-2	6.394	5.442	118.5E6	102.7E6	185.640	186.822
33)	L7 AR-1260-3	6.747	5.582	8478690	103.9E6	18.959	200.236 #
34)	L7 AR-1260-4	6.943	6.047	88158177	11247288	182.828	25.445 #
35)	L7 AR-1260-5	7.273	6.290	27090721	26413559	30.727	25.899
36)	L8 AR-1262-1	6.747	5.820	8478690	18239613	12.194	28.623 #
37)	L8 AR-1262-2	7.273	6.290	27090721	26413559	24.922	22.583
38)	L8 AR-1262-3	7.553	6.569	21013267	2079328	31.608	4.515 #
39)	L8 AR-1262-4	7.595	6.625	5142325	26784733	16.348	30.563 #
40)	L8 AR-1262-5	8.128	7.122	860762	1441315	3.016	3.627
41)	L9 AR-1268-1	7.553	6.569	21013267	2079328	17.988	1.478 #

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 Acq On : 05 Oct 2022 11:44
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

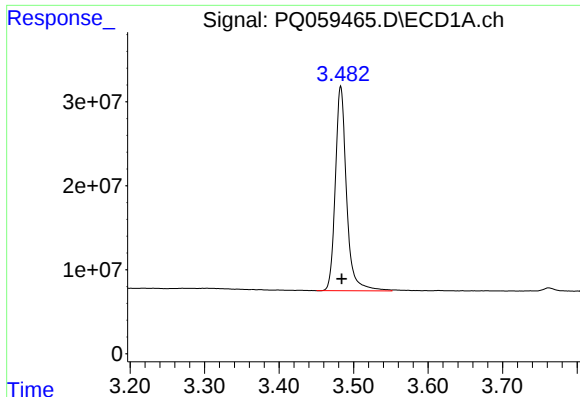
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 16:51:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
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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
42) L9	AR-1268-2	7.595	6.625	5142325	26784733	4.914	20.701 #
43) L9	AR-1268-3	7.806	6.834	1720931	749508	2.047	0.679 #
44) L9	AR-1268-4	8.128	7.122	860762	1441315	2.665	3.182
45) L9	AR-1268-5	8.417	7.389	1598107	3537193	0.710	0.989 #

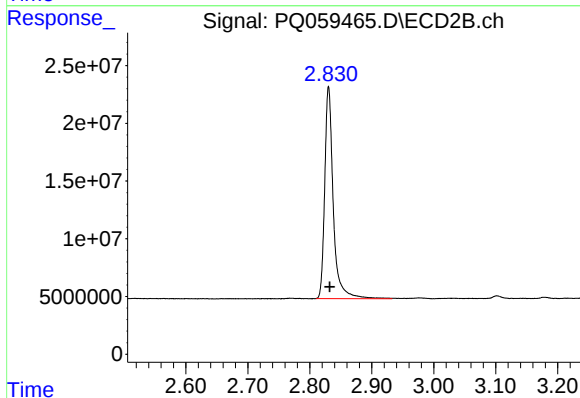
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

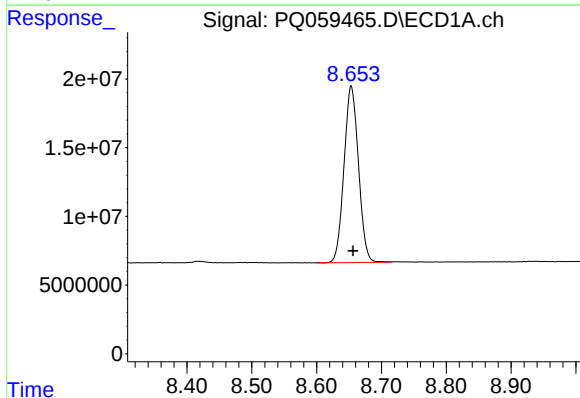
R.T.: 3.483 min
Delta R.T.: -0.001 min
Response: 254165613
Conc: 18.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



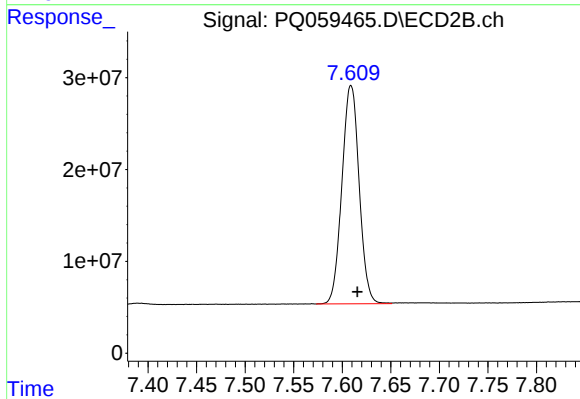
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: -0.002 min
Response: 175890431
Conc: 19.42 ng/ml



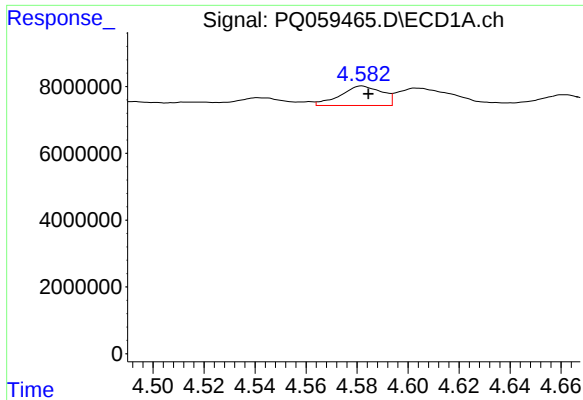
#2 Decachlorobiphenyl

R.T.: 8.653 min
Delta R.T.: -0.003 min
Response: 199226299
Conc: 40.12 ng/ml



#2 Decachlorobiphenyl

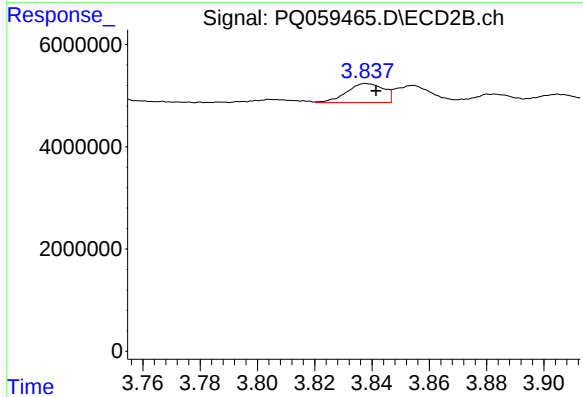
R.T.: 7.609 min
Delta R.T.: -0.007 min
Response: 293439168
Conc: 38.43 ng/ml



#3 AR-1016-1

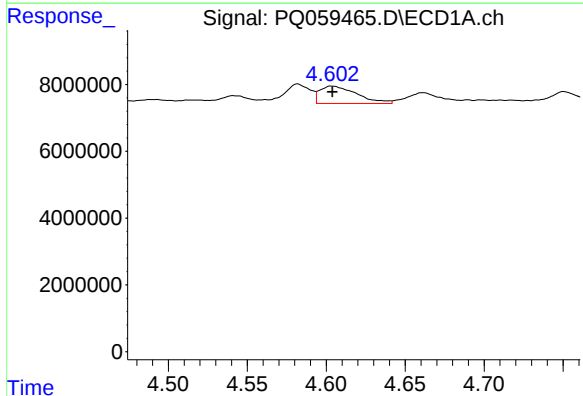
R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 6663038
Conc: 15.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



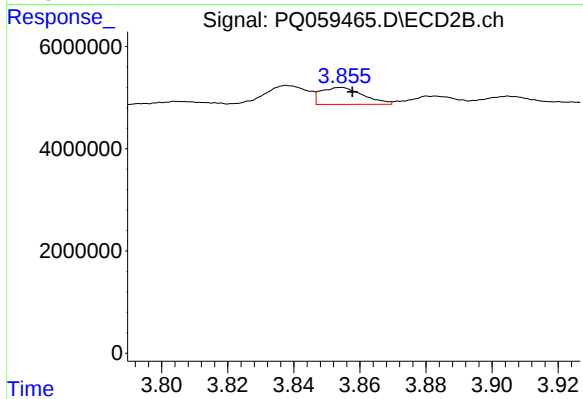
#3 AR-1016-1

R.T.: 3.838 min
Delta R.T.: -0.003 min
Response: 3348021
Conc: 11.87 ng/ml



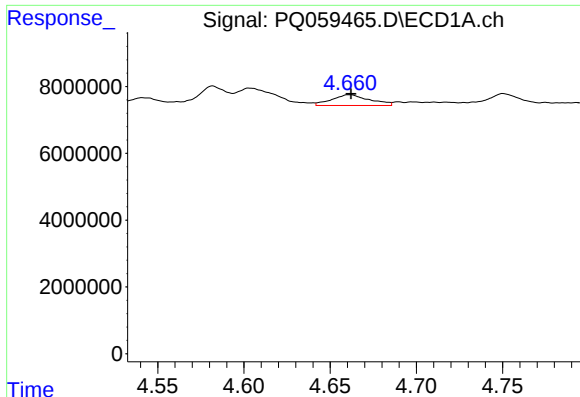
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 8541218
Conc: 13.78 ng/ml



#4 AR-1016-2

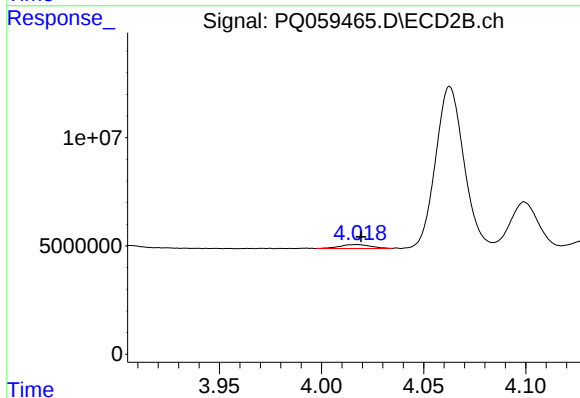
R.T.: 3.854 min
Delta R.T.: -0.003 min
Response: 2960870
Conc: 6.97 ng/ml



#5 AR-1016-3

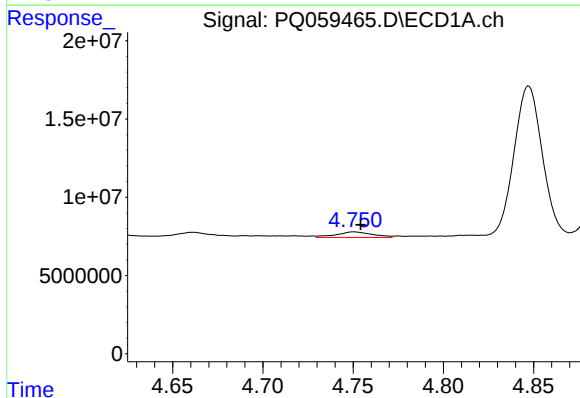
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 4958270
Conc: 12.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



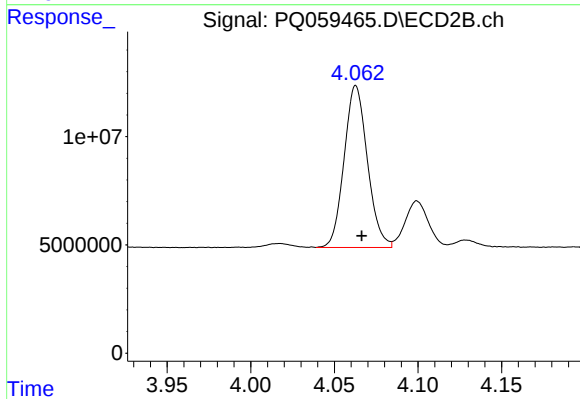
#5 AR-1016-3

R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 1945943
Conc: 8.75 ng/ml



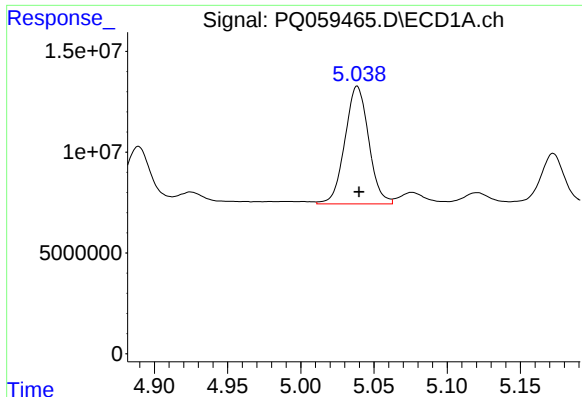
#6 AR-1016-4

R.T.: 4.750 min
Delta R.T.: -0.004 min
Response: 4942081
Conc: 15.01 ng/ml



#6 AR-1016-4

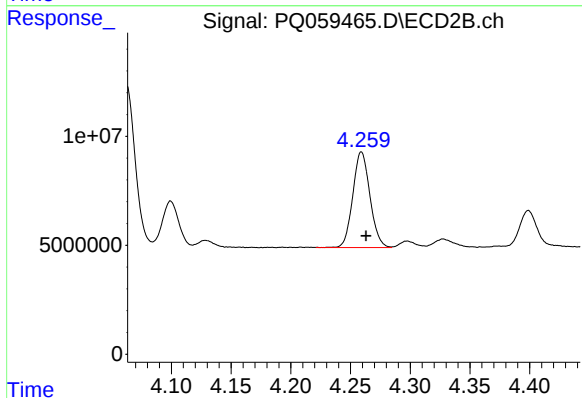
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 72455934
Conc: 423.81 ng/ml



#7 AR-1016-5

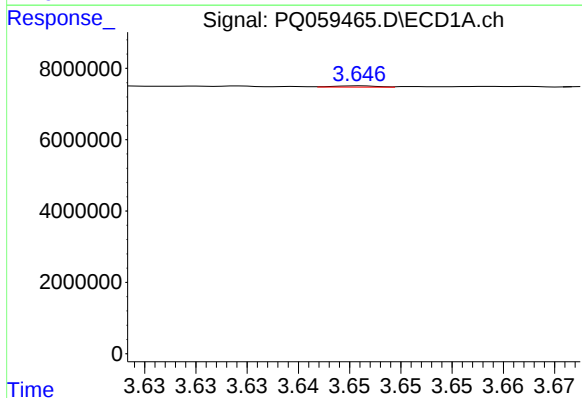
R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 66039784
Conc: 210.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



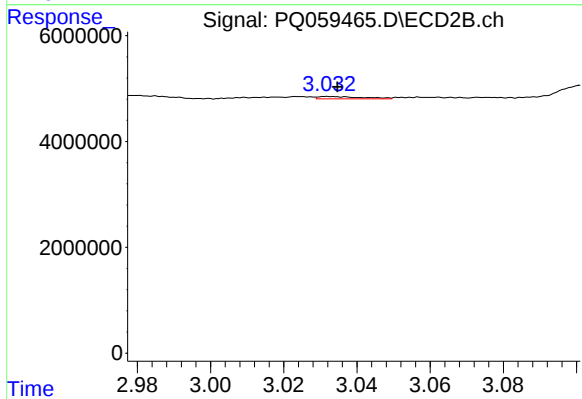
#7 AR-1016-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 43889745
Conc: 194.81 ng/ml



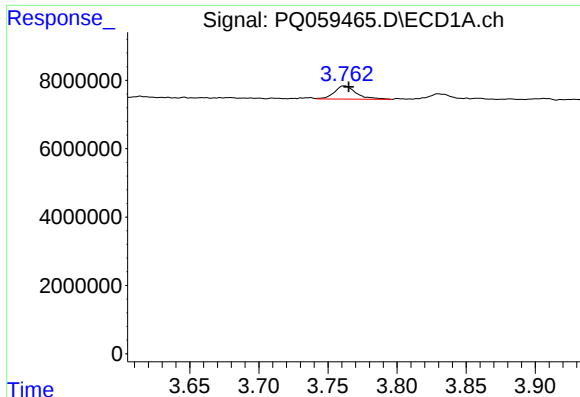
#8 AR-1221-1

R.T.: 3.646 min
Delta R.T.: -0.040 min
Response: 100144
Conc: 0.68 ng/ml



#8 AR-1221-1

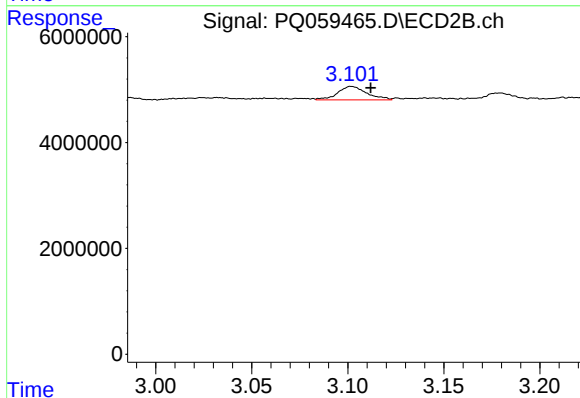
R.T.: 3.032 min
Delta R.T.: -0.003 min
Response: 381228
Conc: 3.84 ng/ml



#9 AR-1221-2

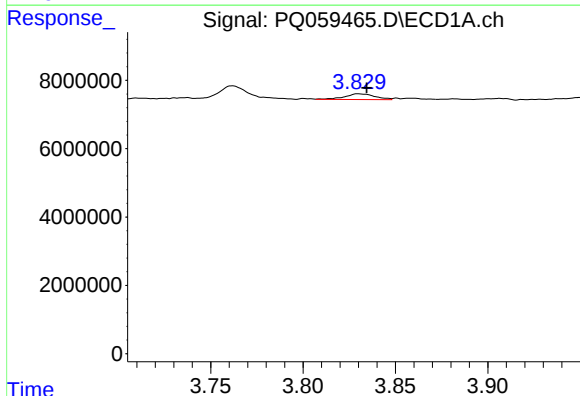
R.T.: 3.762 min
Delta R.T.: -0.003 min
Response: 4279791
Conc: 41.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



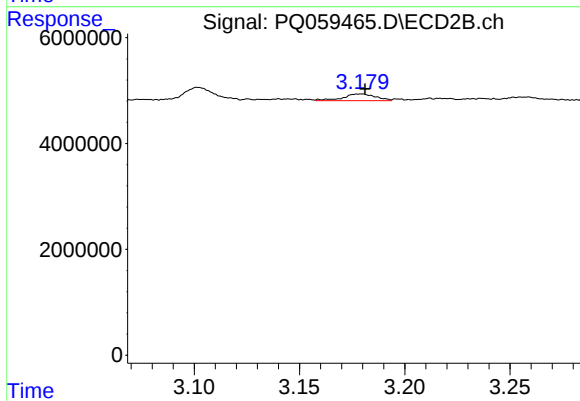
#9 AR-1221-2

R.T.: 3.102 min
Delta R.T.: -0.010 min
Response: 2669816
Conc: 39.00 ng/ml



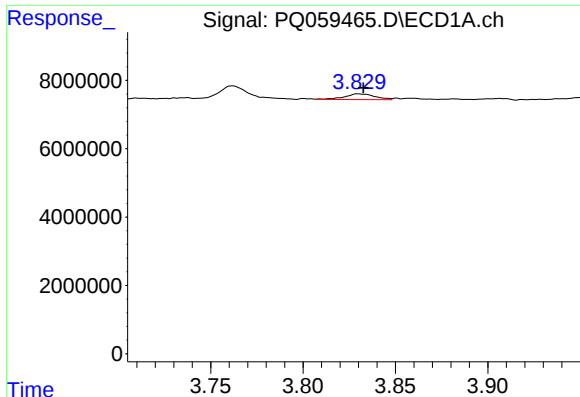
#10 AR-1221-3

R.T.: 3.830 min
Delta R.T.: -0.005 min
Response: 1912026
Conc: 5.74 ng/ml



#10 AR-1221-3

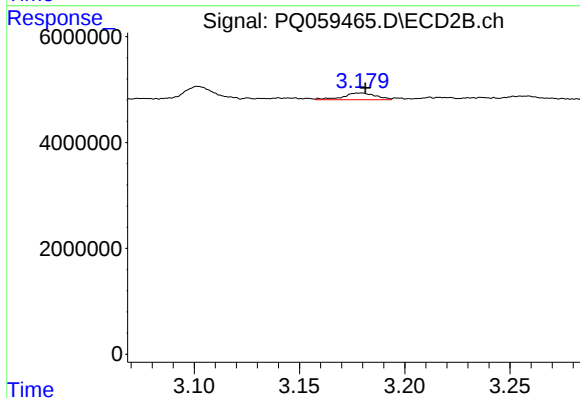
R.T.: 3.180 min
Delta R.T.: -0.002 min
Response: 1377992
Conc: 6.01 ng/ml



#11 AR-1232-1

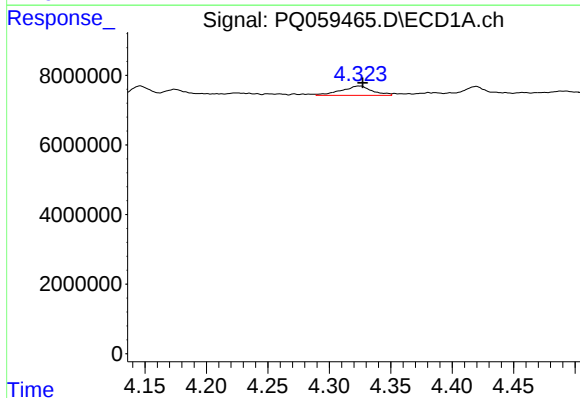
R.T.: 3.830 min
Delta R.T.: -0.003 min
Response: 1912026
Conc: 6.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



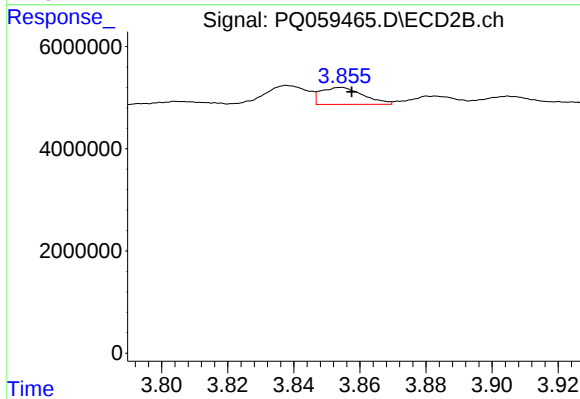
#11 AR-1232-1

R.T.: 3.180 min
Delta R.T.: -0.002 min
Response: 1377992
Conc: 7.16 ng/ml



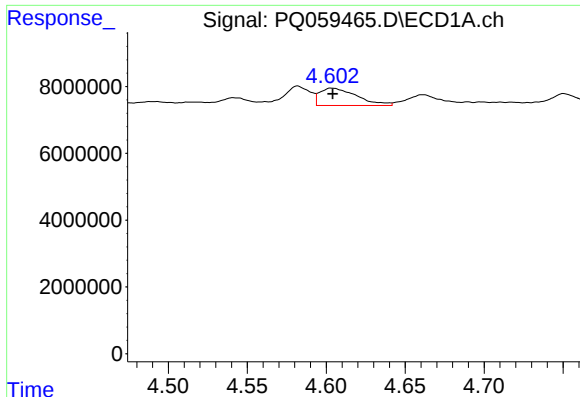
#12 AR-1232-2

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 4694927
Conc: 31.96 ng/ml



#12 AR-1232-2

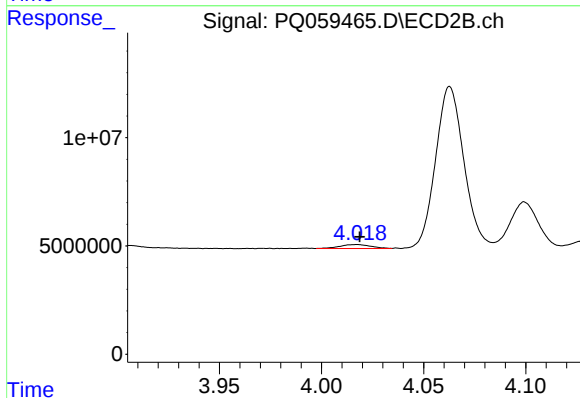
R.T.: 3.854 min
Delta R.T.: -0.003 min
Response: 2960870
Conc: 15.72 ng/ml



#13 AR-1232-3

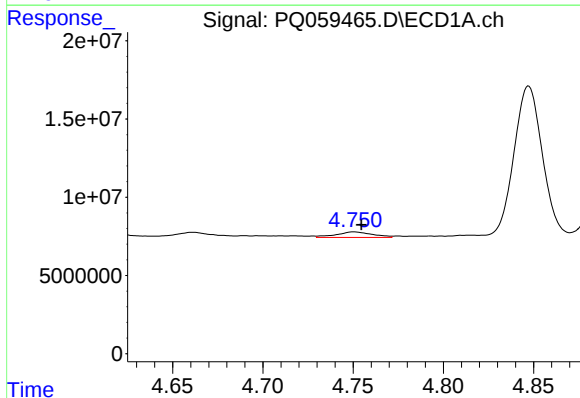
R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 8541218
Conc: 29.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



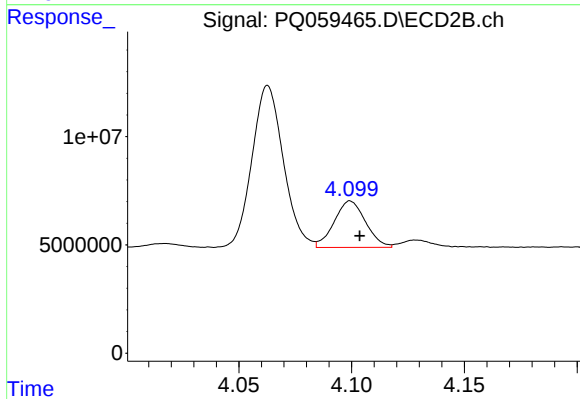
#13 AR-1232-3

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 1945943
Conc: 19.95 ng/ml



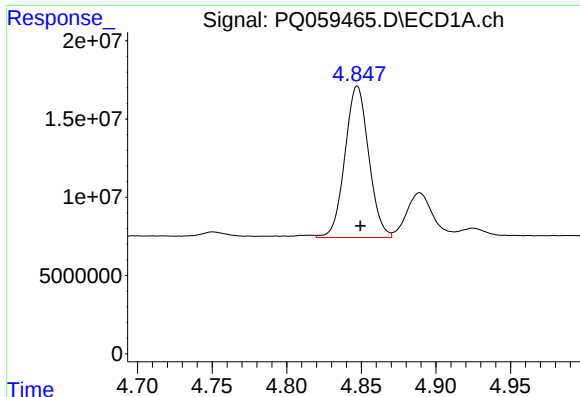
#14 AR-1232-4

R.T.: 4.750 min
Delta R.T.: -0.004 min
Response: 4942081
Conc: 33.03 ng/ml



#14 AR-1232-4

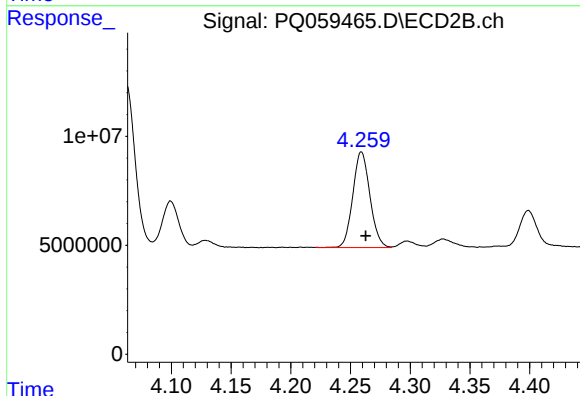
R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 20820431
Conc: 255.05 ng/ml



#15 AR-1232-5

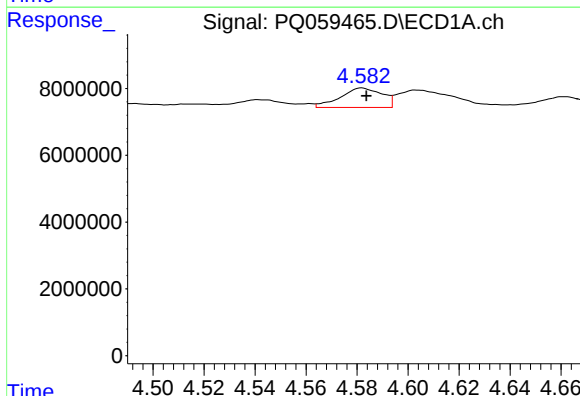
R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 107233462
Conc: 1021.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



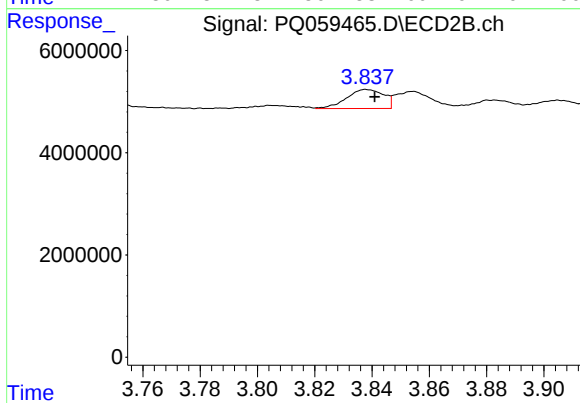
#15 AR-1232-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 43889745
Conc: 459.65 ng/ml



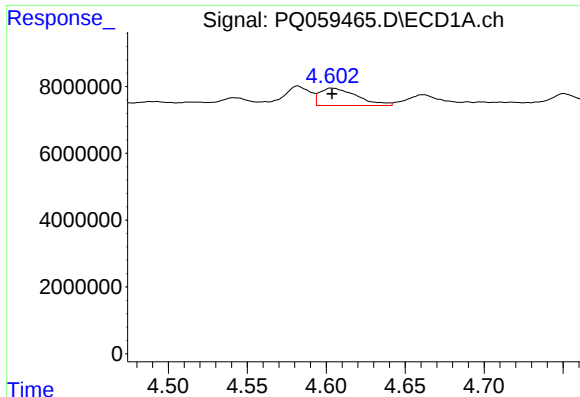
#16 AR-1242-1

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 6663038
Conc: 19.13 ng/ml



#16 AR-1242-1

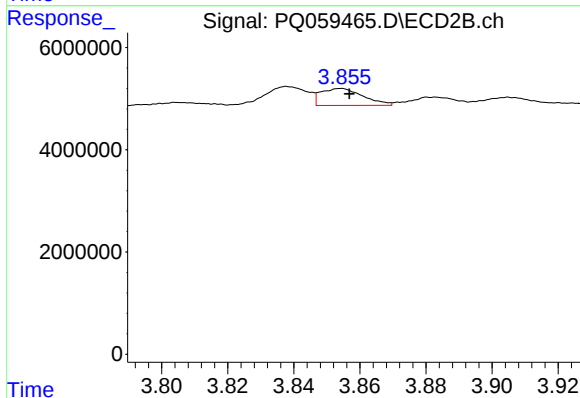
R.T.: 3.838 min
Delta R.T.: -0.003 min
Response: 3348021
Conc: 14.43 ng/ml



#17 AR-1242-2

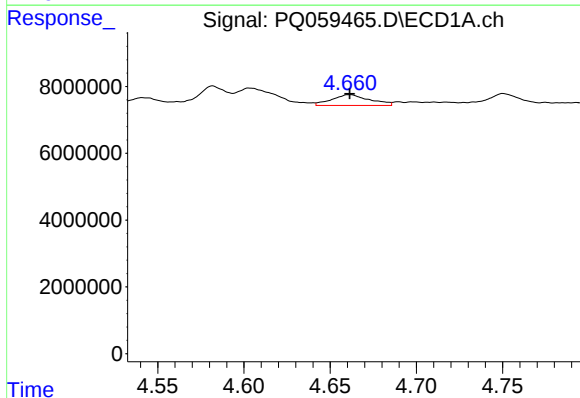
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 8541218
Conc: 16.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



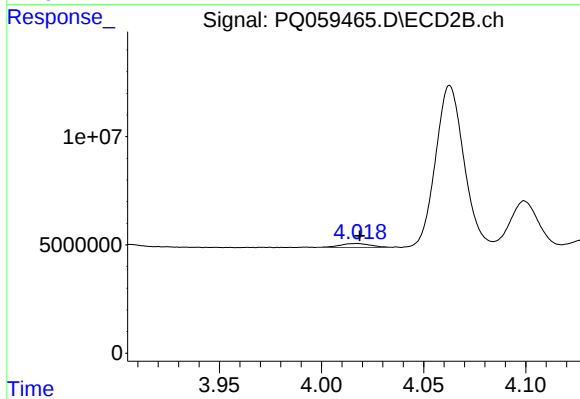
#17 AR-1242-2

R.T.: 3.854 min
Delta R.T.: -0.002 min
Response: 2960870
Conc: 8.49 ng/ml



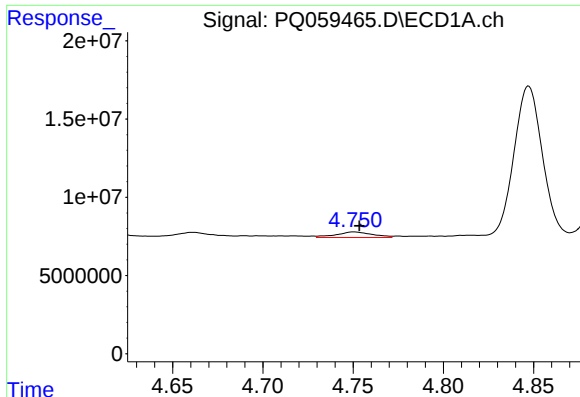
#18 AR-1242-3

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 4958270
Conc: 15.33 ng/ml



#18 AR-1242-3

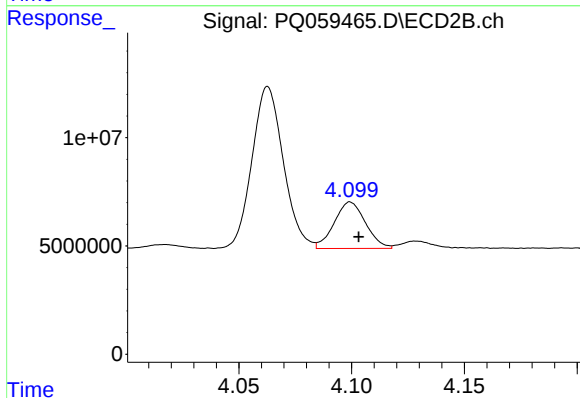
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 1945943
Conc: 10.65 ng/ml



#19 AR-1242-4

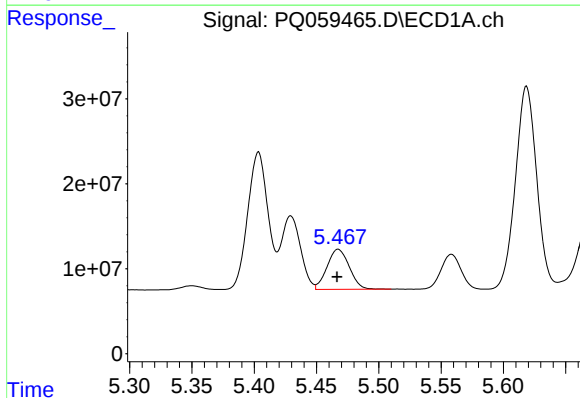
R.T.: 4.750 min
Delta R.T.: -0.003 min
Response: 4942081
Conc: 18.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



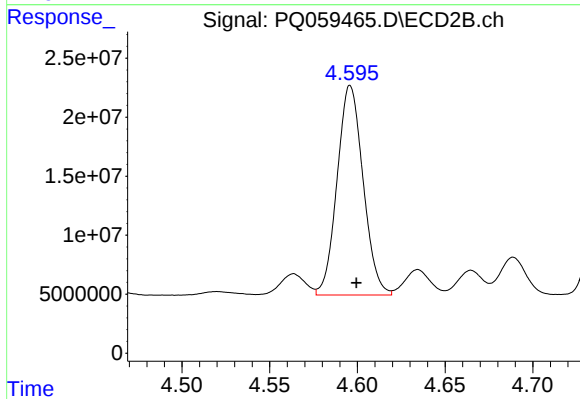
#19 AR-1242-4

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 20820431
Conc: 123.44 ng/ml



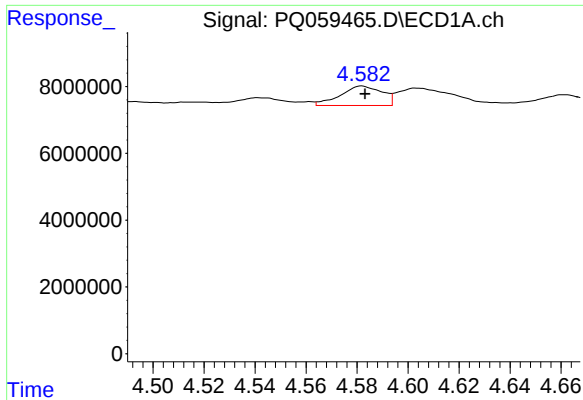
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.001 min
Response: 58417971
Conc: 217.37 ng/ml



#20 AR-1242-5

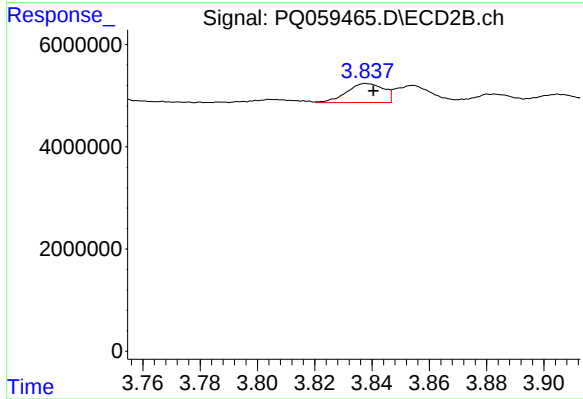
R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 183231210
Conc: 828.33 ng/ml



#21 AR-1248-1

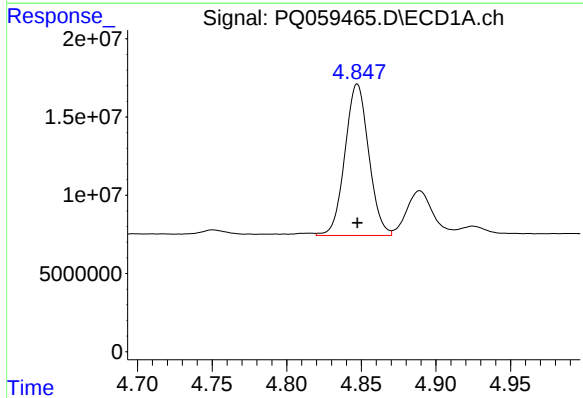
R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 6663038
Conc: 25.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



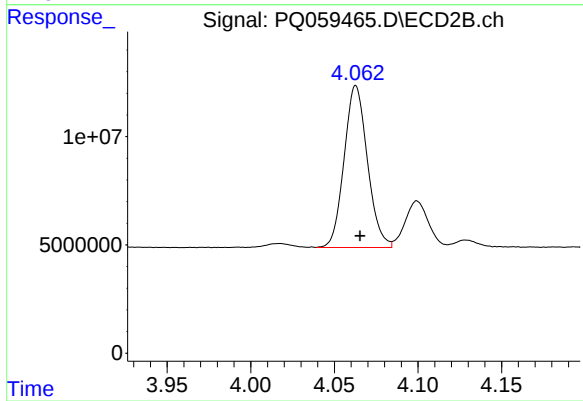
#21 AR-1248-1

R.T.: 3.838 min
Delta R.T.: -0.003 min
Response: 3348021
Conc: 18.83 ng/ml



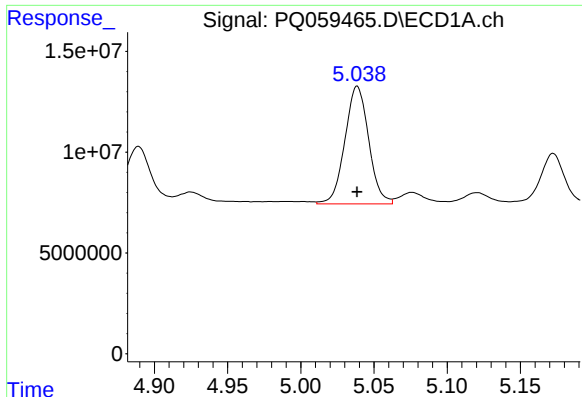
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 107233462
Conc: 300.78 ng/ml



#22 AR-1248-2

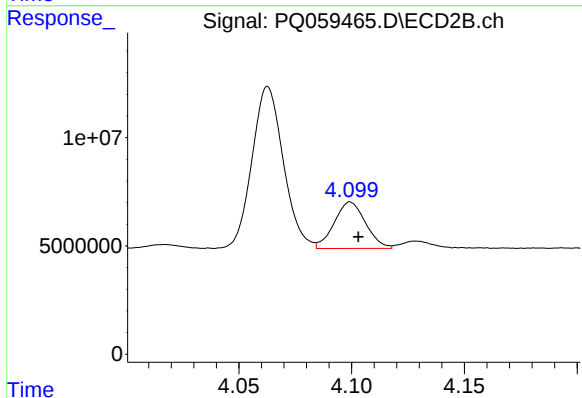
R.T.: 4.063 min
Delta R.T.: -0.002 min
Response: 72455934
Conc: 287.00 ng/ml



#23 AR-1248-3

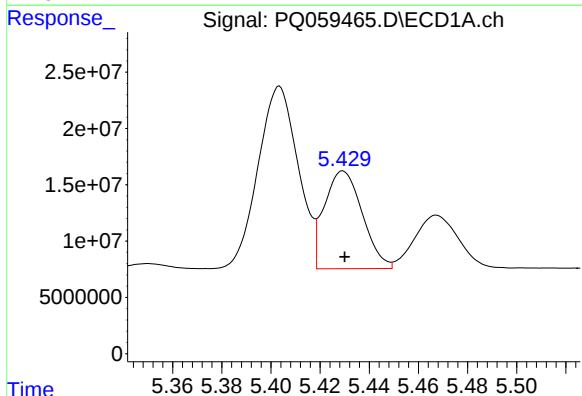
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 66039784
Conc: 153.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



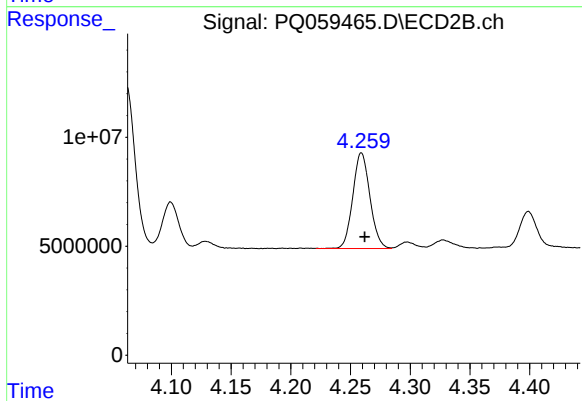
#23 AR-1248-3

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 20820431
Conc: 82.46 ng/ml



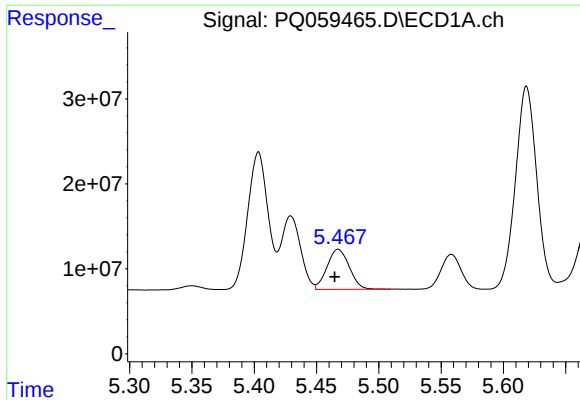
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 93120002
Conc: 200.34 ng/ml



#24 AR-1248-4

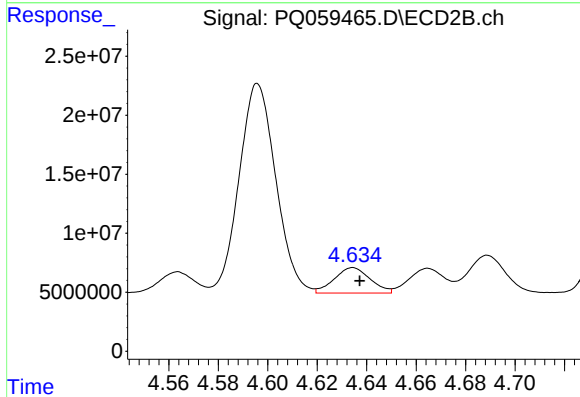
R.T.: 4.259 min
Delta R.T.: -0.003 min
Response: 43889745
Conc: 140.52 ng/ml



#25 AR-1248-5

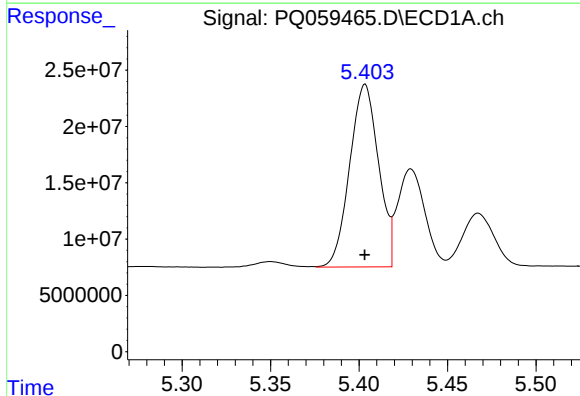
R.T.: 5.467 min
Delta R.T.: 0.003 min
Response: 58417971
Conc: 126.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



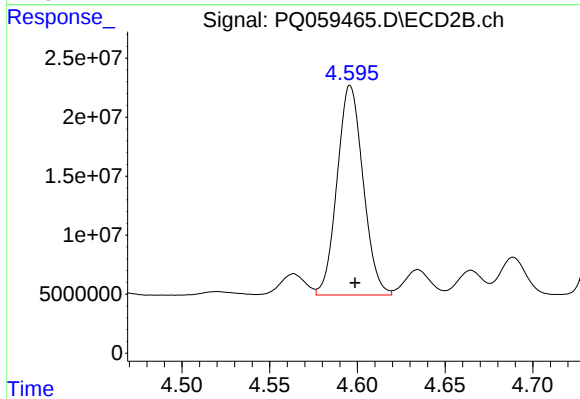
#25 AR-1248-5

R.T.: 4.635 min
Delta R.T.: -0.003 min
Response: 21770762
Conc: 69.29 ng/ml



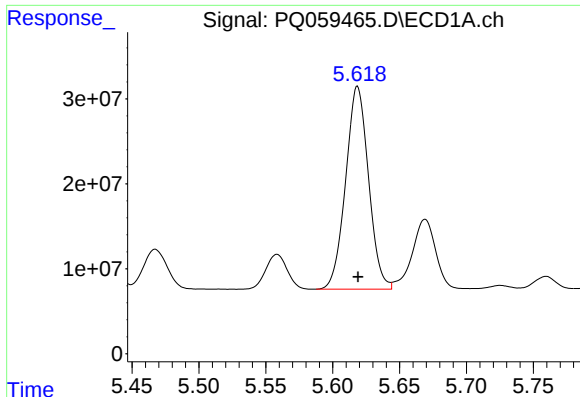
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 183770776
Conc: 383.18 ng/ml



#26 AR-1254-1

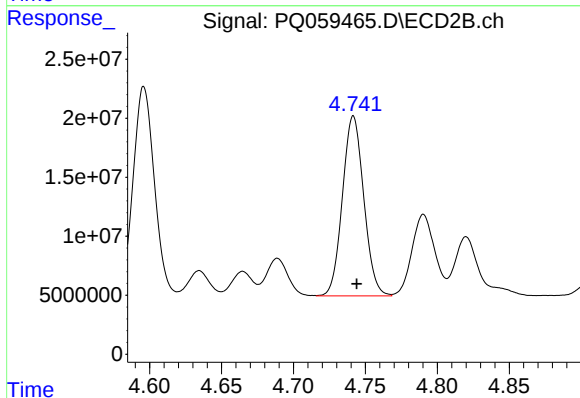
R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 183231210
Conc: 374.79 ng/ml



#27 AR-1254-2

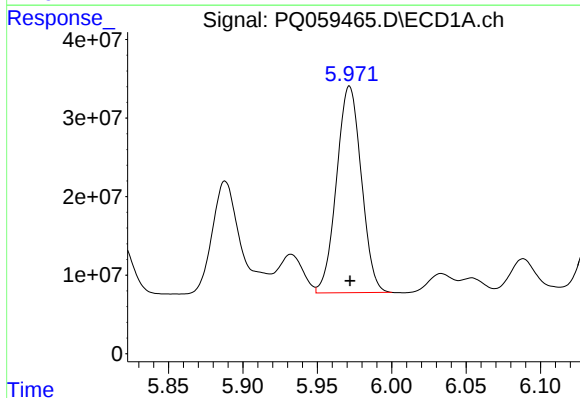
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 284820721
Conc: 382.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



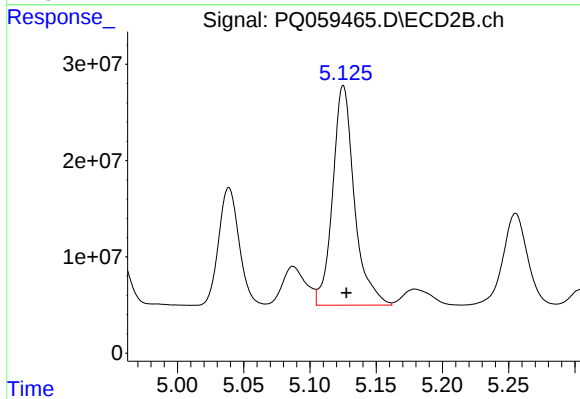
#27 AR-1254-2

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 158156176
Conc: 365.20 ng/ml



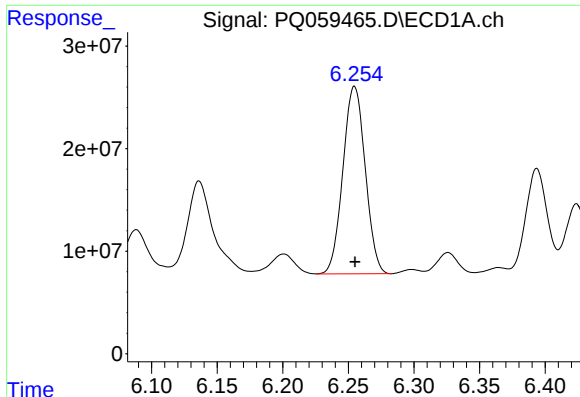
#28 AR-1254-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 304814707
Conc: 389.57 ng/ml



#28 AR-1254-3

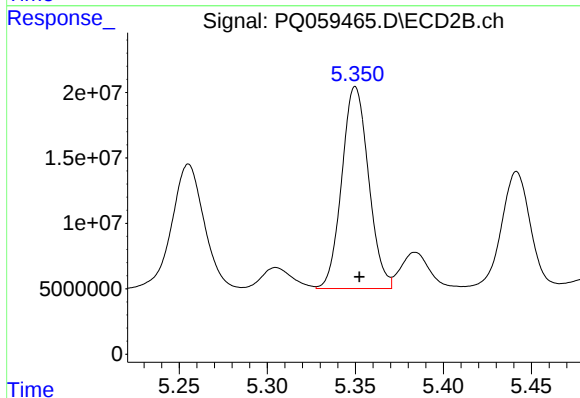
R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 259948177
Conc: 375.14 ng/ml



#29 AR-1254-4

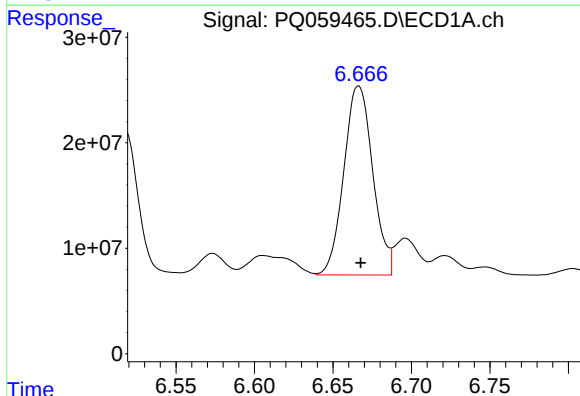
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 216506256
Conc: 396.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



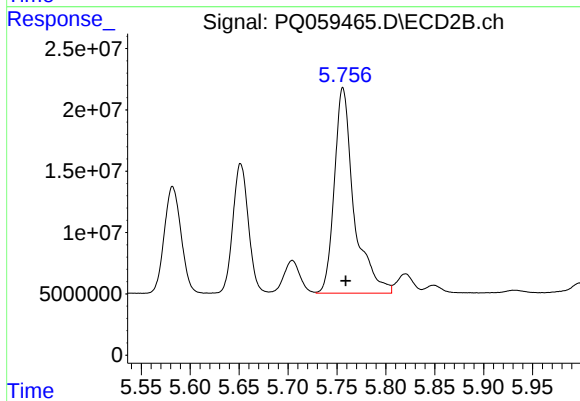
#29 AR-1254-4

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 163255876
Conc: 379.22 ng/ml



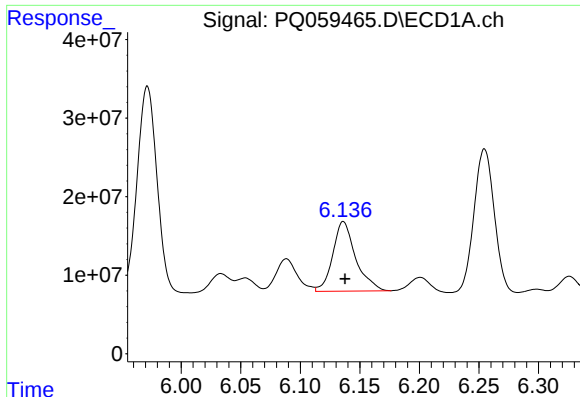
#30 AR-1254-5

R.T.: 6.666 min
Delta R.T.: -0.001 min
Response: 229935068
Conc: 387.84 ng/ml



#30 AR-1254-5

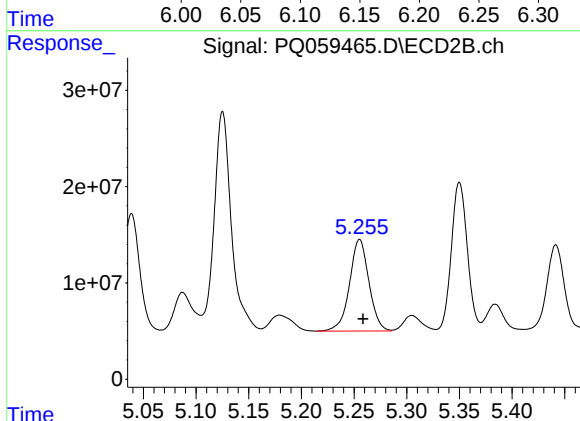
R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 233798785
Conc: 377.72 ng/ml



#31 AR-1260-1

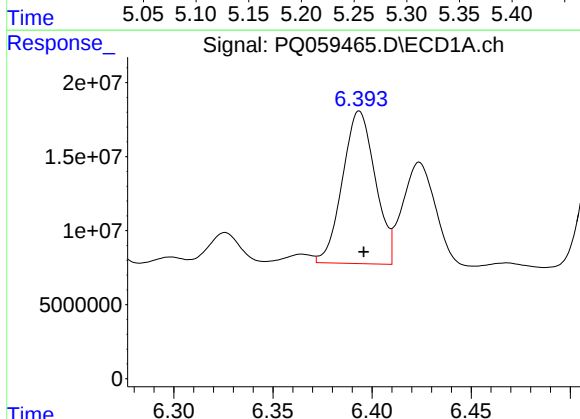
R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 118412027
Conc: 212.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



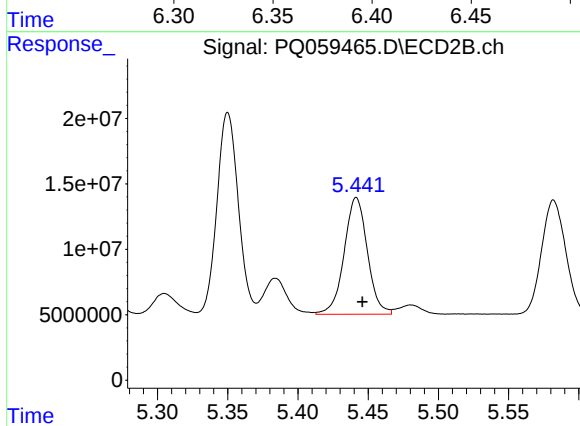
#31 AR-1260-1

R.T.: 5.255 min
Delta R.T.: -0.003 min
Response: 121886703
Conc: 270.52 ng/ml



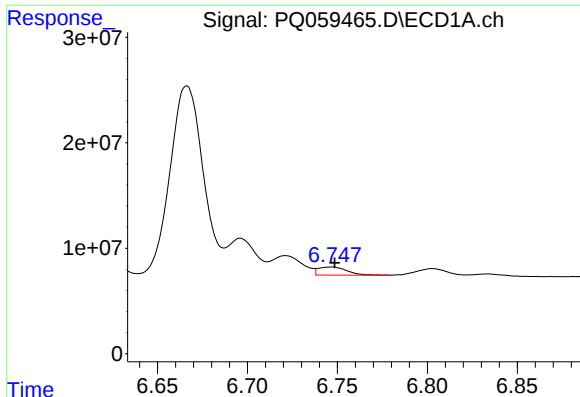
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 118516928
Conc: 185.64 ng/ml



#32 AR-1260-2

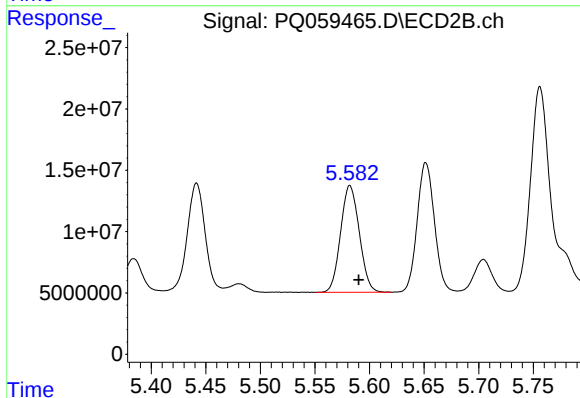
R.T.: 5.442 min
Delta R.T.: -0.004 min
Response: 102738889
Conc: 186.82 ng/ml



#33 AR-1260-3

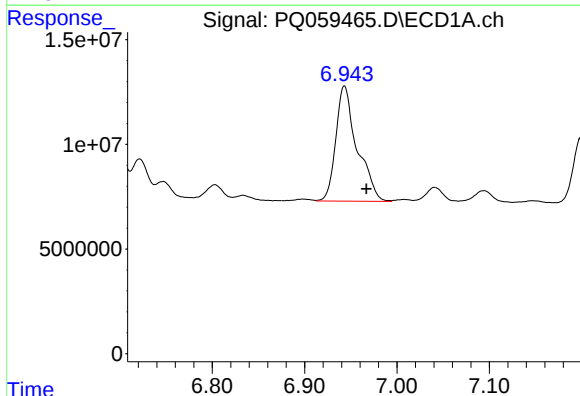
R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 8478690
Conc: 18.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



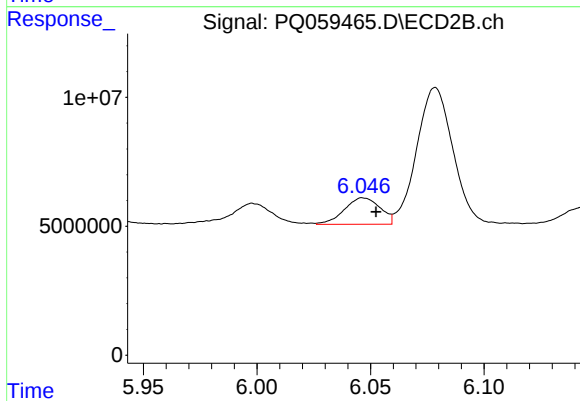
#33 AR-1260-3

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 103878703
Conc: 200.24 ng/ml



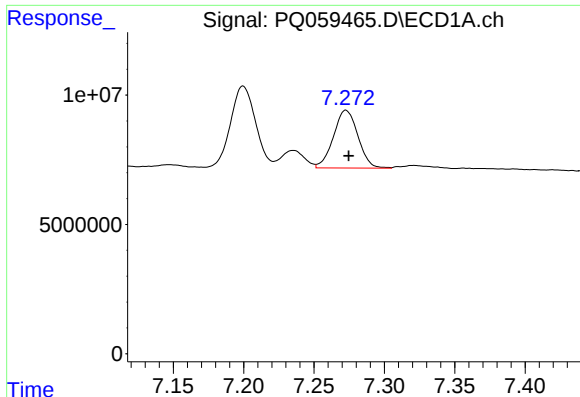
#34 AR-1260-4

R.T.: 6.943 min
Delta R.T.: -0.024 min
Response: 88158177
Conc: 182.83 ng/ml



#34 AR-1260-4

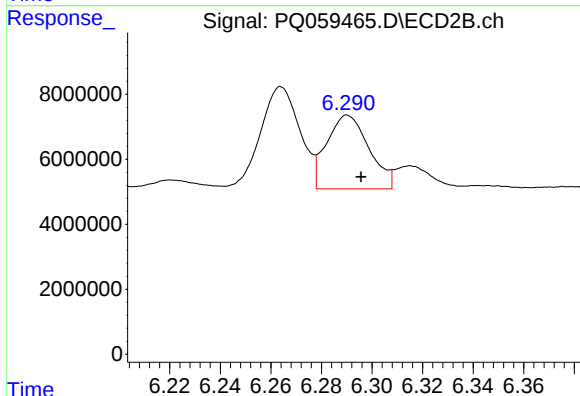
R.T.: 6.047 min
Delta R.T.: -0.006 min
Response: 11247288
Conc: 25.44 ng/ml



#35 AR-1260-5

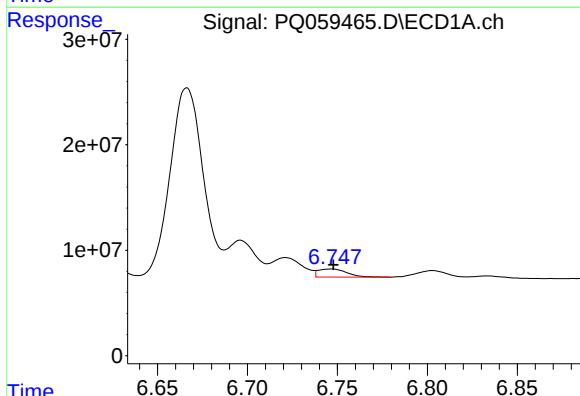
R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 27090721
Conc: 30.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



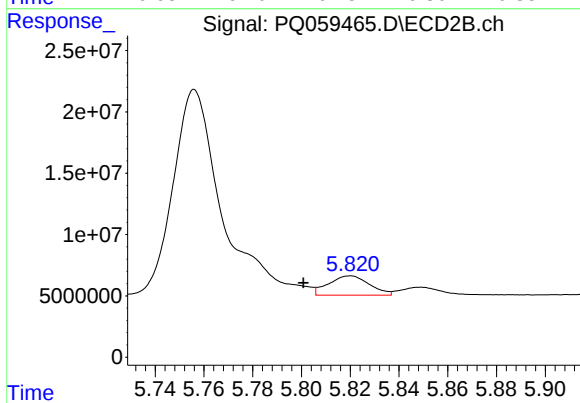
#35 AR-1260-5

R.T.: 6.290 min
Delta R.T.: -0.005 min
Response: 26413559
Conc: 25.90 ng/ml



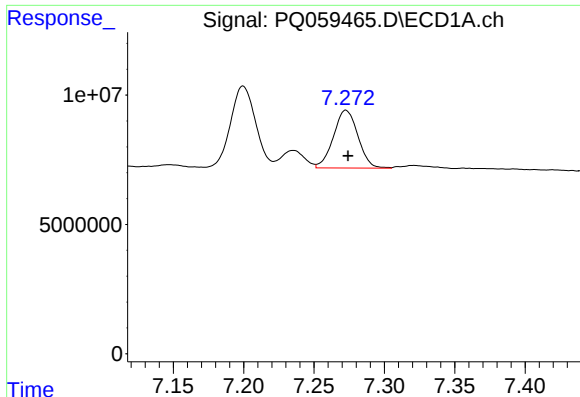
#36 AR-1262-1

R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 8478690
Conc: 12.19 ng/ml



#36 AR-1262-1

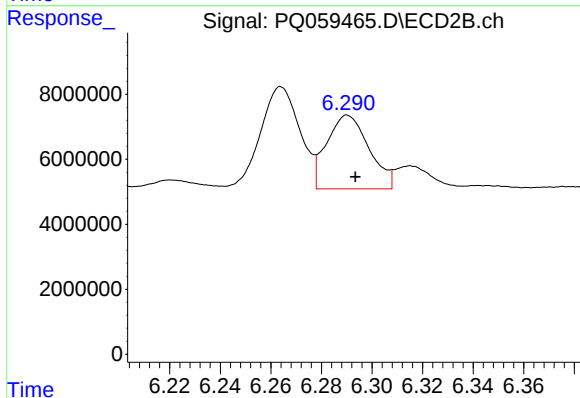
R.T.: 5.820 min
Delta R.T.: 0.019 min
Response: 18239613
Conc: 28.62 ng/ml



#37 AR-1262-2

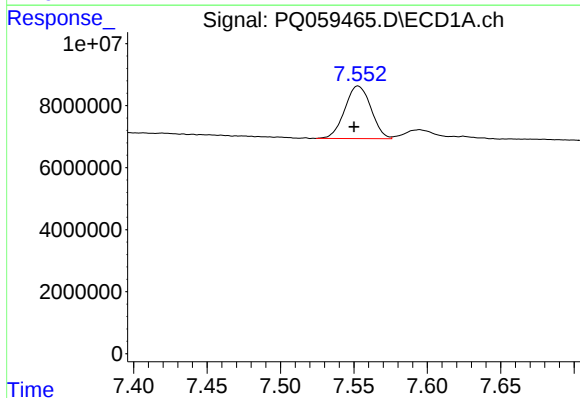
R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 27090721
Conc: 24.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



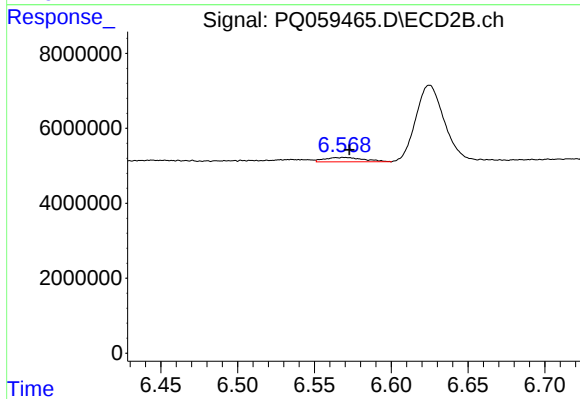
#37 AR-1262-2

R.T.: 6.290 min
Delta R.T.: -0.003 min
Response: 26413559
Conc: 22.58 ng/ml



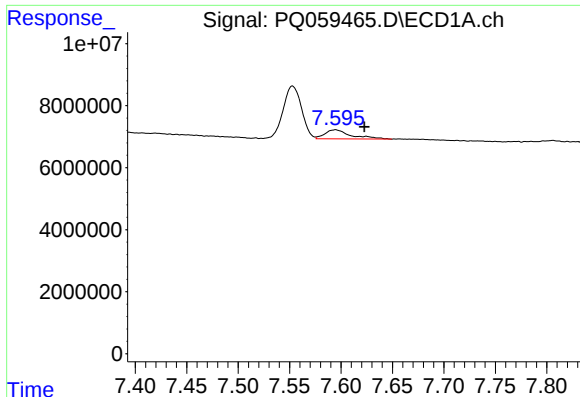
#38 AR-1262-3

R.T.: 7.553 min
Delta R.T.: 0.003 min
Response: 21013267
Conc: 31.61 ng/ml



#38 AR-1262-3

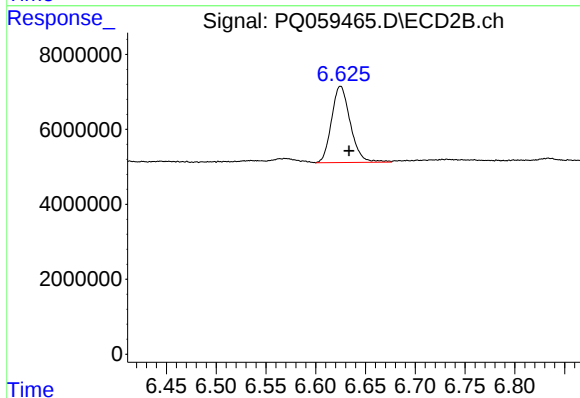
R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 2079328
Conc: 4.52 ng/ml



#39 AR-1262-4

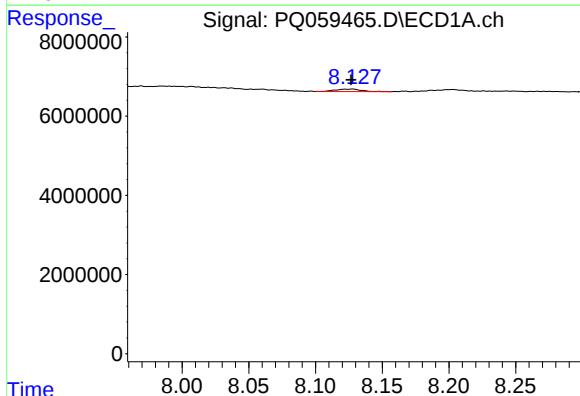
R.T.: 7.595 min
Delta R.T.: -0.028 min
Response: 5142325
Conc: 16.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



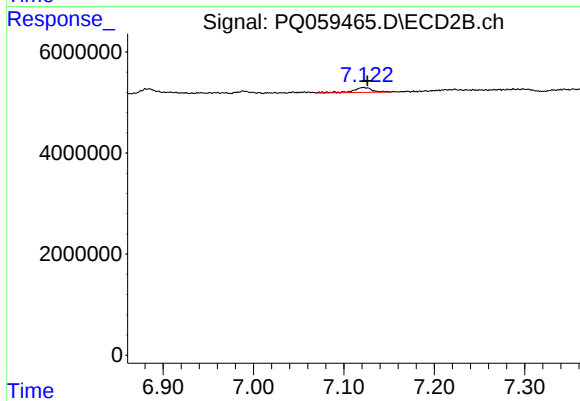
#39 AR-1262-4

R.T.: 6.625 min
Delta R.T.: -0.009 min
Response: 26784733
Conc: 30.56 ng/ml



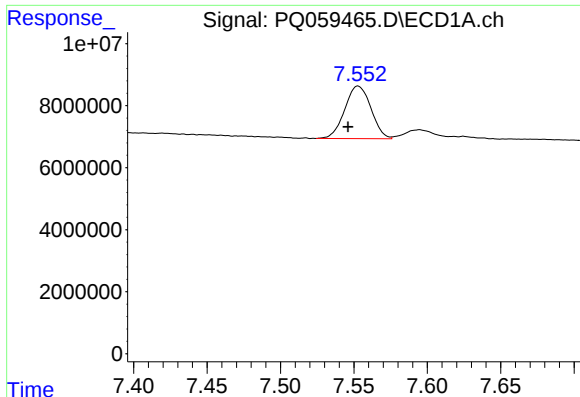
#40 AR-1262-5

R.T.: 8.128 min
Delta R.T.: 0.001 min
Response: 860762
Conc: 3.02 ng/ml



#40 AR-1262-5

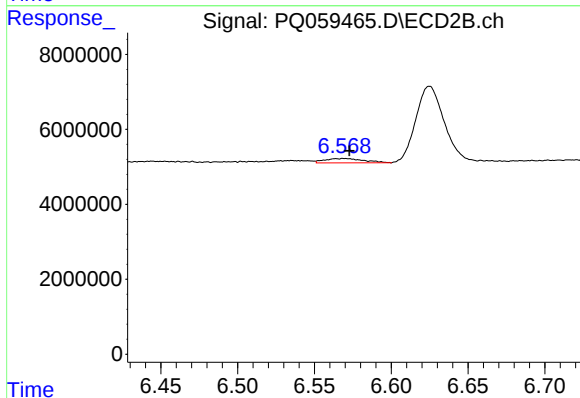
R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 1441315
Conc: 3.63 ng/ml



#41 AR-1268-1

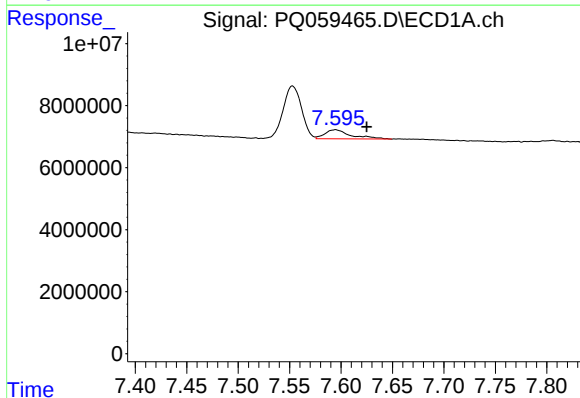
R.T.: 7.553 min
Delta R.T.: 0.007 min
Response: 21013267
Conc: 17.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



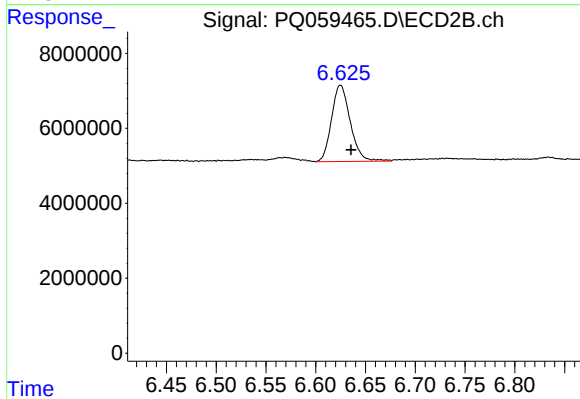
#41 AR-1268-1

R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 2079328
Conc: 1.48 ng/ml



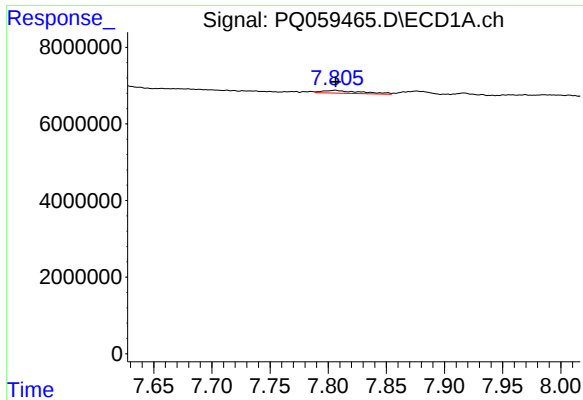
#42 AR-1268-2

R.T.: 7.595 min
Delta R.T.: -0.030 min
Response: 5142325
Conc: 4.91 ng/ml



#42 AR-1268-2

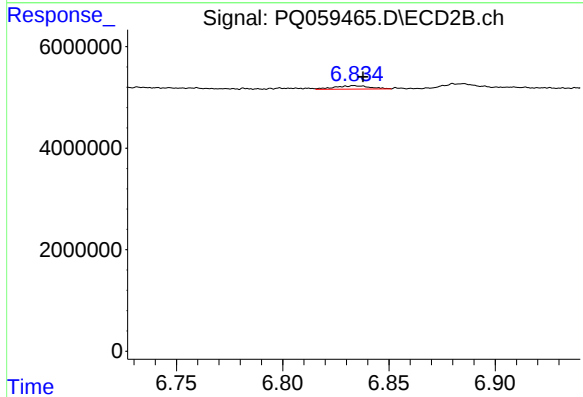
R.T.: 6.625 min
Delta R.T.: -0.011 min
Response: 26784733
Conc: 20.70 ng/ml



#43 AR-1268-3

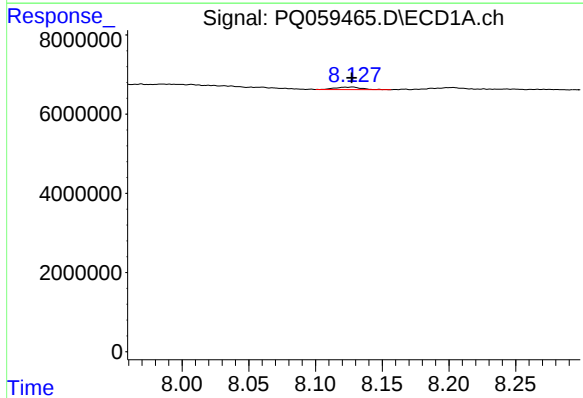
R.T.: 7.806 min
Delta R.T.: 0.000 min
Response: 1720931
Conc: 2.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



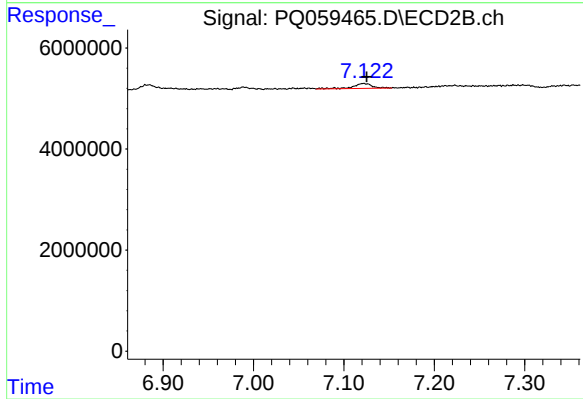
#43 AR-1268-3

R.T.: 6.834 min
Delta R.T.: -0.004 min
Response: 749508
Conc: 0.68 ng/ml



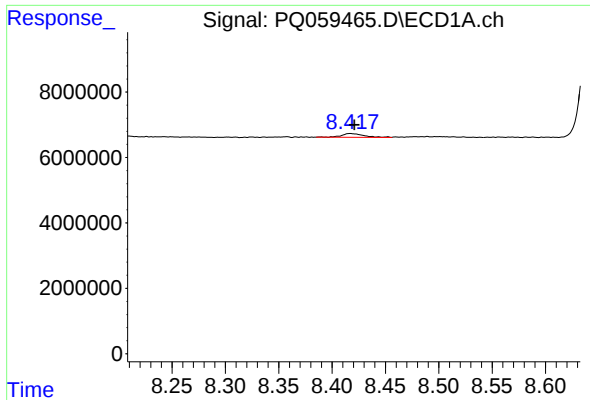
#44 AR-1268-4

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 860762
Conc: 2.67 ng/ml



#44 AR-1268-4

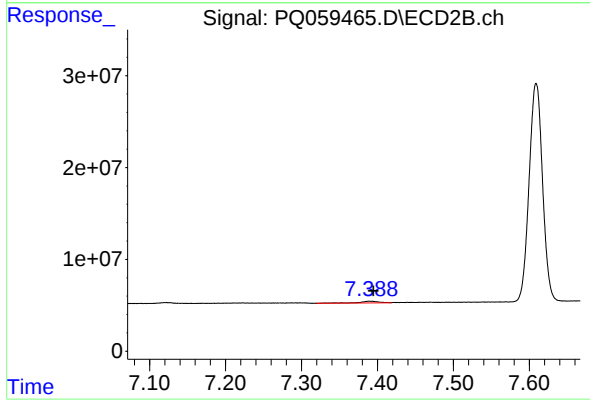
R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 1441315
Conc: 3.18 ng/ml



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 1598107
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.389 min
Delta R.T.: -0.005 min
Response: 3537193
Conc: 0.99 ng/ml