

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090820\
 Data File : PQ049739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2020 16:51
 Operator : DD\AJ
 Sample : L3919-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 02:42:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 28 17:31:13 2020
 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...	5.230	4.277	235.4E6	121.8E6	26.952	21.564
2)	SA Decachlor...	11.443	9.632	196.8E6	119.6E6	20.208	19.123
Target Compounds							
3)	L1 AR-1016-1	6.582	5.569f	2819127	2323099	9.304	9.672
4)	L1 AR-1016-2	6.582f	5.569	2819127	2323099	6.706	7.161
5)	L1 AR-1016-3	6.654	5.750	472539	5712807	1.803	33.364 #
6)	L1 AR-1016-4	6.797f	5.805	2999542	685548	13.604	5.405 #
8)	L2 AR-1221-1	5.473f	4.538	407165	579115	4.651	10.655 #
9)	L2 AR-1221-2	5.589	4.633	6001312	2691692	94.560	64.935 #
10)	L2 AR-1221-3	5.687	4.723	745563	779828	3.890	5.948 #
11)	L3 AR-1232-1	5.687	4.723	745563	779828	3.999	6.334 #
12)	L3 AR-1232-2	0.000	5.569	0	2323099	N.D.	17.193 #
13)	L3 AR-1232-3	6.582f	5.750	2819127	5712807	15.701	82.467 #
14)	L3 AR-1232-4	6.797f	5.876f	2999542	5790431	32.535	99.896 #
15)	L3 AR-1232-5	6.858	6.045	8434568	-1455984	127.351	N.D. #
16)	L4 AR-1242-1	6.582	5.569f	2819127	2323099	12.899	13.548
17)	L4 AR-1242-2	6.582f	5.569	2819127	2323099	9.271	9.948
18)	L4 AR-1242-3	6.654	5.750	472539	5712807	2.506	46.153 #
19)	L4 AR-1242-4	6.797f	5.876f	2999542	5790431	18.892	49.390 #
20)	L4 AR-1242-5	0.000	6.419	0	9459637	N.D.	55.444 #
21)	L5 AR-1248-1	6.582	5.569f	2819127	2323099	16.182	17.063
22)	L5 AR-1248-2	6.858	5.805	8434568	685548	38.094	4.069 #
23)	L5 AR-1248-3	0.000	5.876f	0	5790431	N.D.	33.202 #
24)	L5 AR-1248-4	7.514	6.045	44585189	-1455984	149.660	N.D. #
25)	L5 AR-1248-5	0.000	6.449	0	8782940	N.D.	38.401 #
26)	L6 AR-1254-1	7.514f	6.419	44585189	9459637	150.287	26.420 #
27)	L6 AR-1254-2	7.722	6.571	20000607	6888851	43.563	21.530 #
28)	L6 AR-1254-3	8.096	6.994	13424760	8067825	27.695	15.388 #
29)	L6 AR-1254-4	8.385	7.231	6274908	3220771	15.785	8.572 #
30)	L6 AR-1254-5	8.816	7.661	20108065	13076855	47.216	26.595 #
31)	L7 AR-1260-1	8.255	7.131	8174255	5808188	21.503	16.281
32)	L7 AR-1260-2	8.521	7.325	38613745	9639161	79.863	19.175 #
33)	L7 AR-1260-3	8.887	7.483	11905131	6003119	29.699	14.646 #
34)	L7 AR-1260-4	9.129f	7.966	9695750	7025452	21.644	19.271
35)	L7 AR-1260-5	9.480	8.211	15228836	16148962	15.470	16.261
36)	L8 AR-1262-1	8.887	7.661	11905131	13076855	22.535	49.702 #
37)	L8 AR-1262-2	9.480	8.211	15228836	16148962	14.985	15.494
38)	L8 AR-1262-3	9.841f	8.499	9772091	7743230	20.372	17.781
39)	L8 AR-1262-4	9.913	8.563	11978889	10821860	20.818	15.153 #
40)	L8 AR-1262-5	10.635f	9.068	11995219	7606255	28.645	23.653
41)	L9 AR-1268-1	9.841f	8.499	9772091	7743230	7.368	6.218
42)	L9 AR-1268-2	9.913f	8.563	11978889	10821860	9.579	9.979

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 ALS Vial : 19 Sample Multiplier: 1

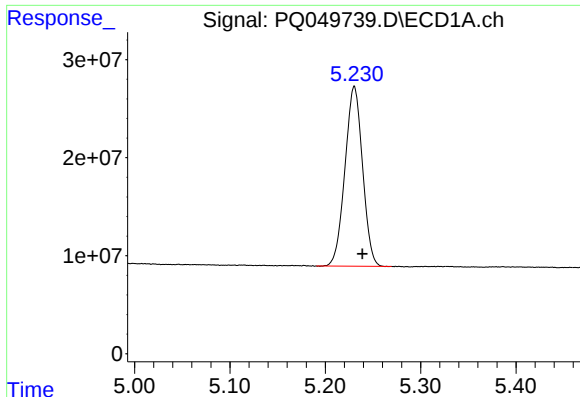
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 02:42:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082820.M
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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
43) L9	AR-1268-3	10.159	8.774	5873611	4157718	5.482	4.611
44) L9	AR-1268-4	10.635f	9.068	11995219	7606255	25.128	20.659
45) L9	AR-1268-5	11.082f	9.370	7411184	7795098	2.368	3.235 #

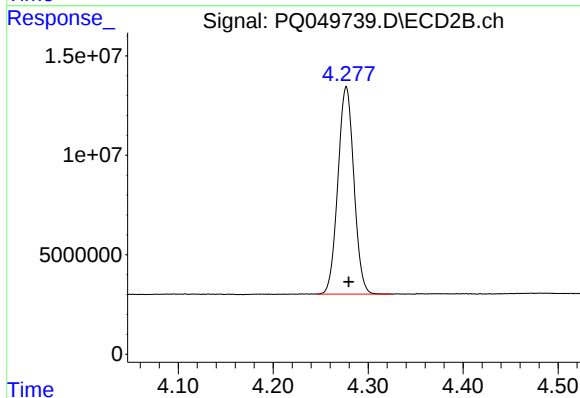
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

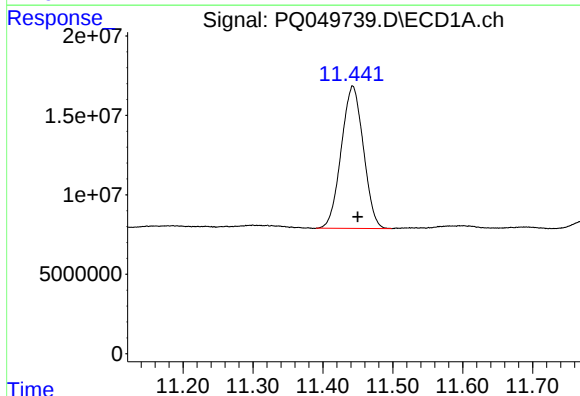
R.T.: 5.230 min
Delta R.T.: -0.009 min
Response: 235356830
Conc: 26.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



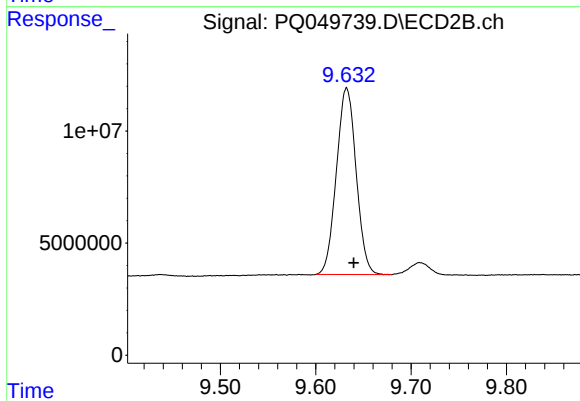
#1 Tetrachloro-m-xylene

R.T.: 4.277 min
Delta R.T.: -0.002 min
Response: 121836525
Conc: 21.56 ng/ml



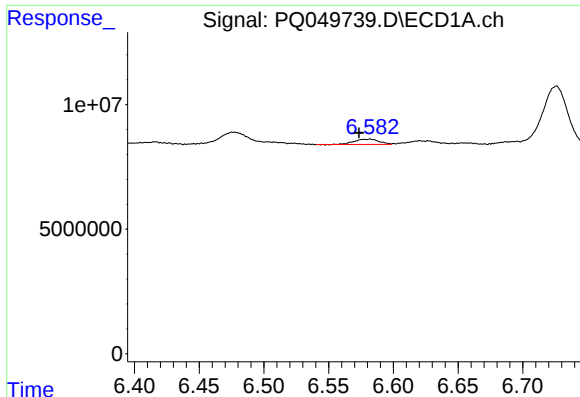
#2 Decachlorobiphenyl

R.T.: 11.443 min
Delta R.T.: -0.007 min
Response: 196823358
Conc: 20.21 ng/ml



#2 Decachlorobiphenyl

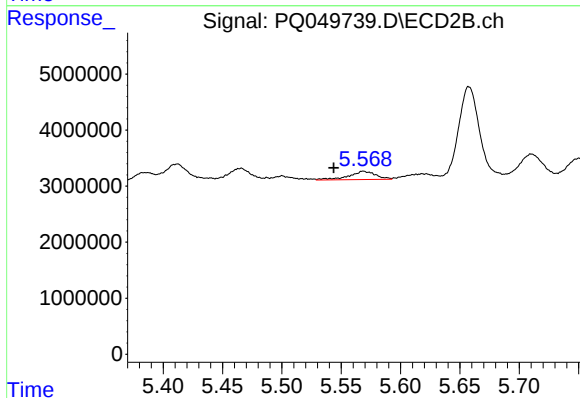
R.T.: 9.632 min
Delta R.T.: -0.008 min
Response: 119620244
Conc: 19.12 ng/ml



#3 AR-1016-1

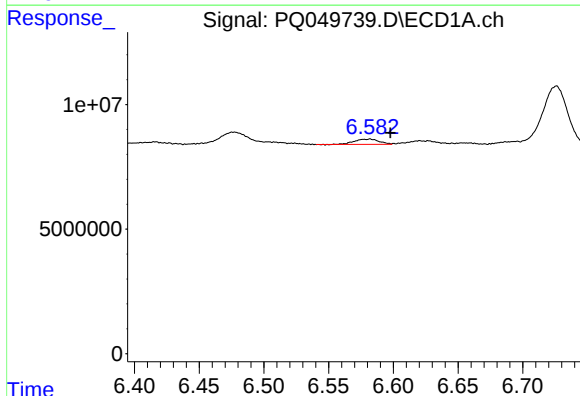
R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 2819127
Conc: 9.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



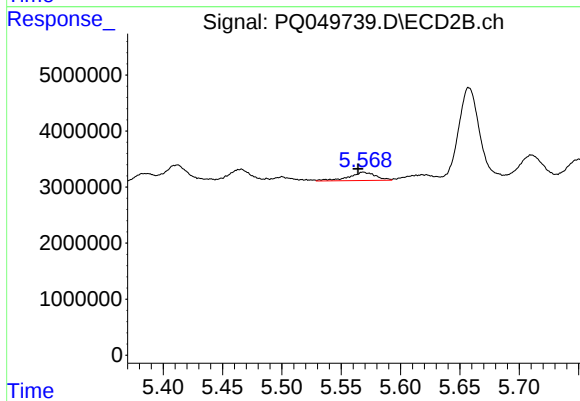
#3 AR-1016-1

R.T.: 5.569 min
Delta R.T.: 0.025 min
Response: 2323099
Conc: 9.67 ng/ml



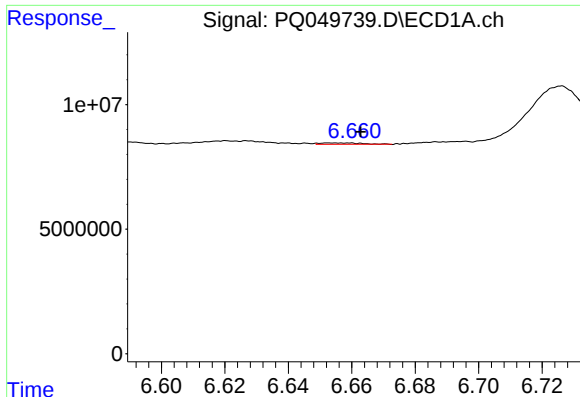
#4 AR-1016-2

R.T.: 6.582 min
Delta R.T.: -0.016 min
Response: 2819127
Conc: 6.71 ng/ml



#4 AR-1016-2

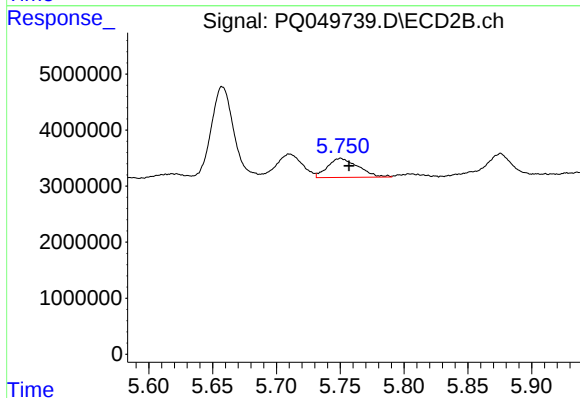
R.T.: 5.569 min
Delta R.T.: 0.005 min
Response: 2323099
Conc: 7.16 ng/ml



#5 AR-1016-3

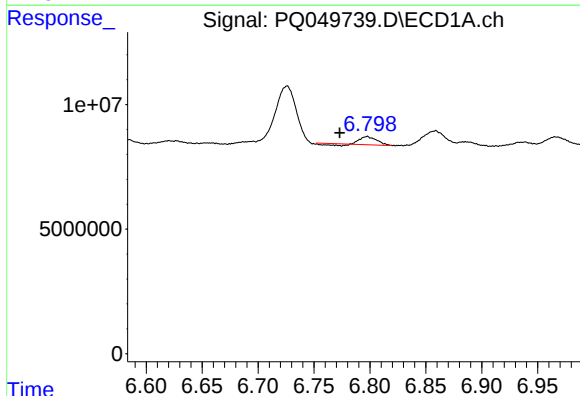
R.T.: 6.654 min
Delta R.T.: -0.009 min
Response: 472539
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



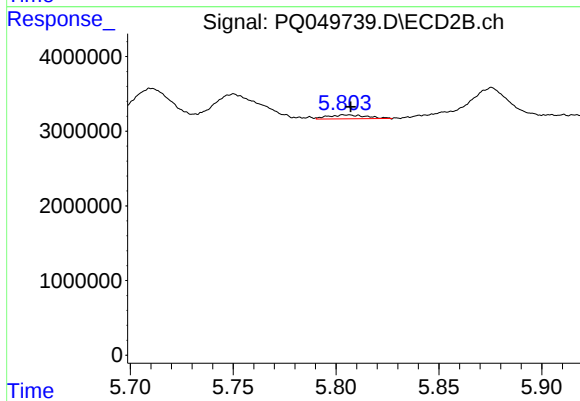
#5 AR-1016-3

R.T.: 5.750 min
Delta R.T.: -0.007 min
Response: 5712807
Conc: 33.36 ng/ml



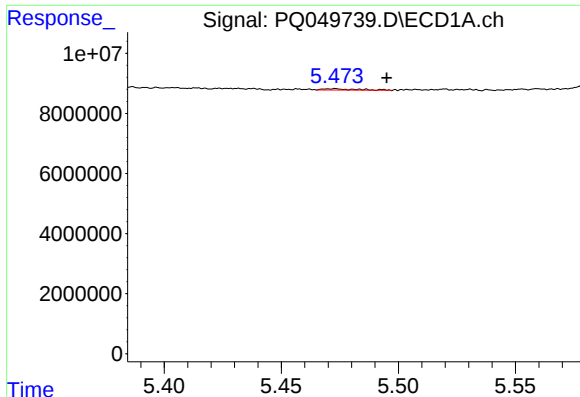
#6 AR-1016-4

R.T.: 6.797 min
Delta R.T.: 0.024 min
Response: 2999542
Conc: 13.60 ng/ml



#6 AR-1016-4

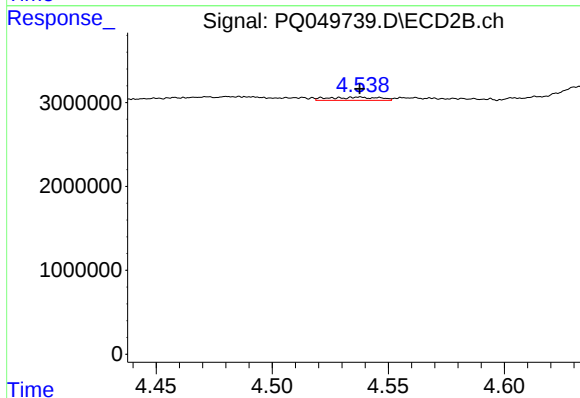
R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 685548
Conc: 5.41 ng/ml



#8 AR-1221-1

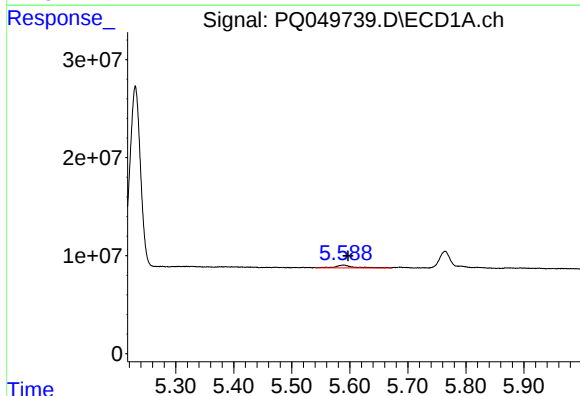
R.T.: 5.473 min
Delta R.T.: -0.022 min
Response: 407165
Conc: 4.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



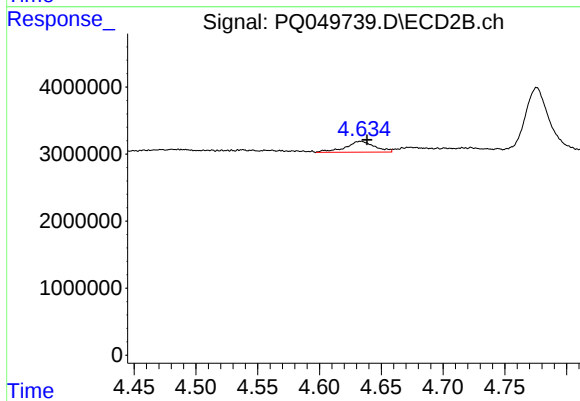
#8 AR-1221-1

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 579115
Conc: 10.66 ng/ml



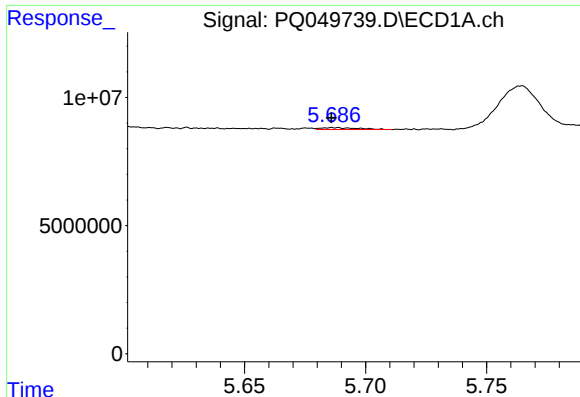
#9 AR-1221-2

R.T.: 5.589 min
Delta R.T.: -0.008 min
Response: 6001312
Conc: 94.56 ng/ml



#9 AR-1221-2

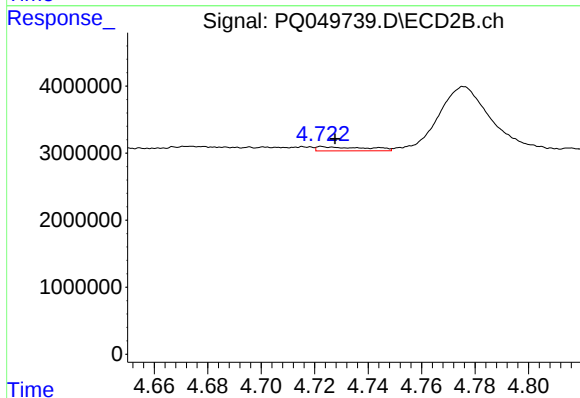
R.T.: 4.633 min
Delta R.T.: -0.005 min
Response: 2691692
Conc: 64.93 ng/ml



#10 AR-1221-3

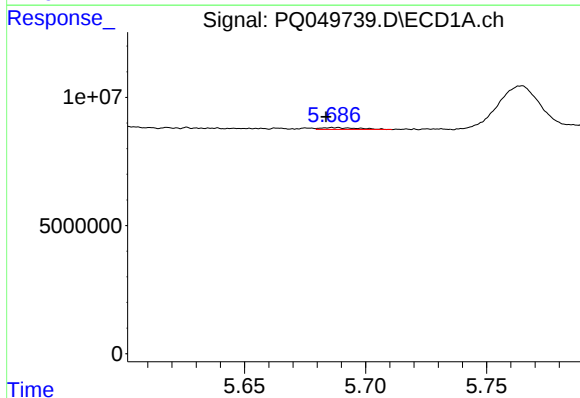
R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 745563
Conc: 3.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



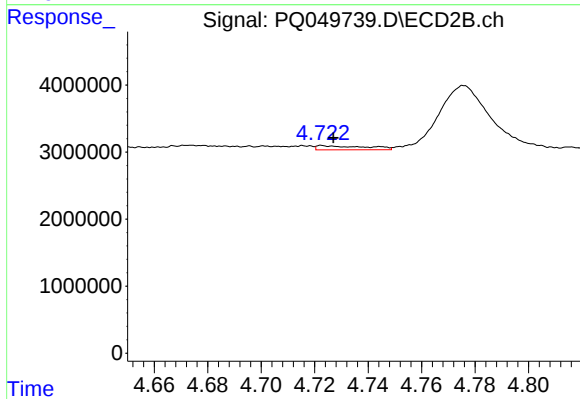
#10 AR-1221-3

R.T.: 4.723 min
Delta R.T.: -0.005 min
Response: 779828
Conc: 5.95 ng/ml



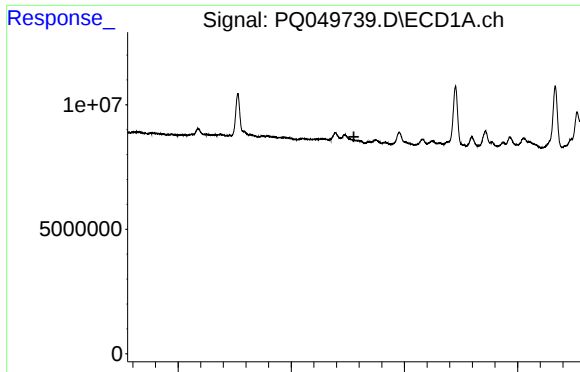
#11 AR-1232-1

R.T.: 5.687 min
Delta R.T.: 0.003 min
Response: 745563
Conc: 4.00 ng/ml



#11 AR-1232-1

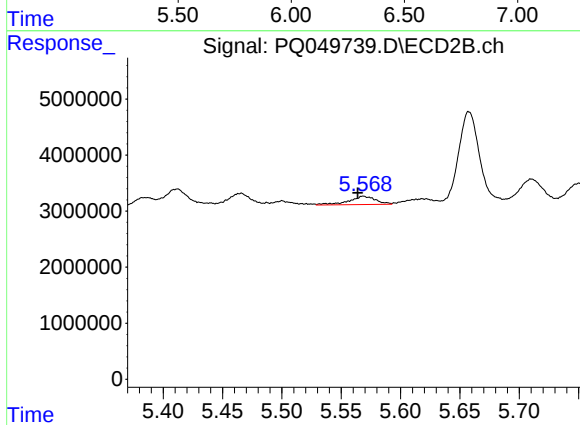
R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 779828
Conc: 6.33 ng/ml



#12 AR-1232-2

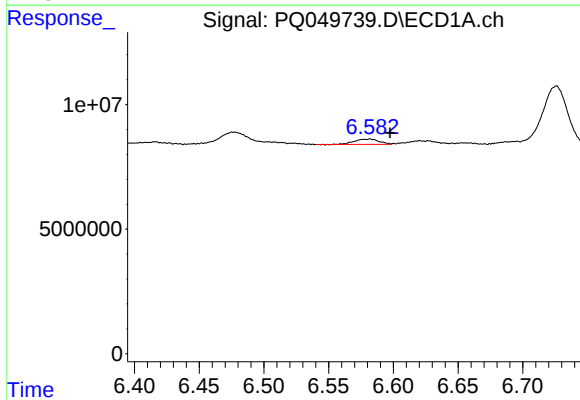
R.T.: 0.000 min
Exp R.T.: 6.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



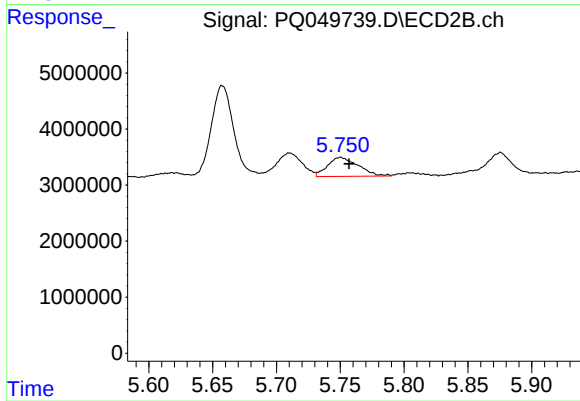
#12 AR-1232-2

R.T.: 5.569 min
Delta R.T.: 0.005 min
Response: 2323099
Conc: 17.19 ng/ml



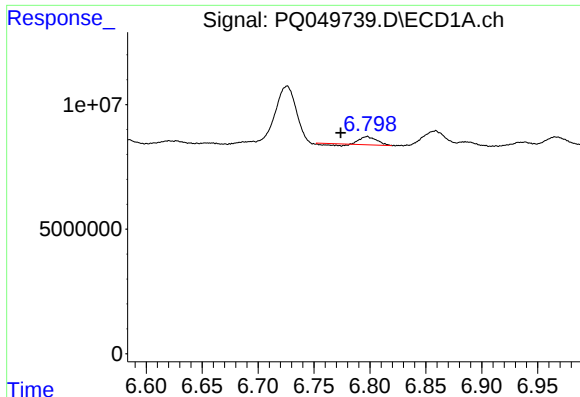
#13 AR-1232-3

R.T.: 6.582 min
Delta R.T.: -0.016 min
Response: 2819127
Conc: 15.70 ng/ml



#13 AR-1232-3

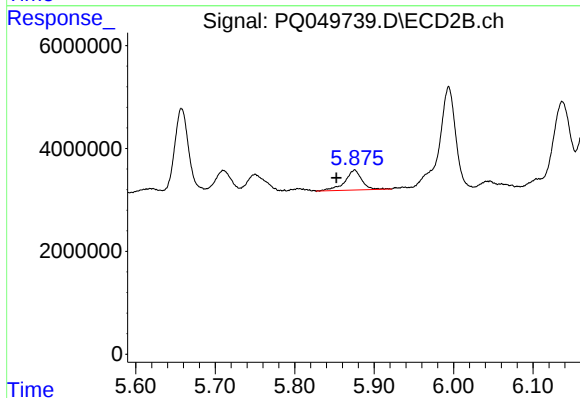
R.T.: 5.750 min
Delta R.T.: -0.007 min
Response: 5712807
Conc: 82.47 ng/ml



#14 AR-1232-4

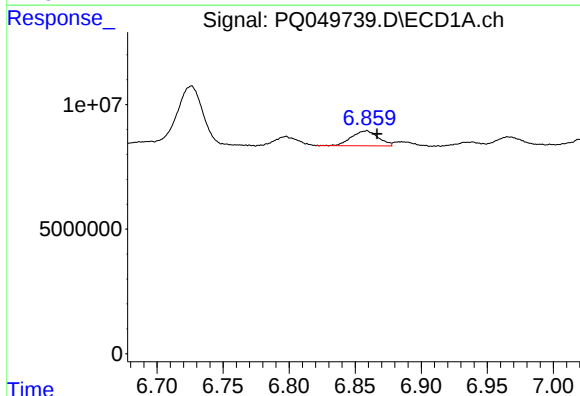
R.T.: 6.797 min
Delta R.T.: 0.024 min
Response: 2999542
Conc: 32.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



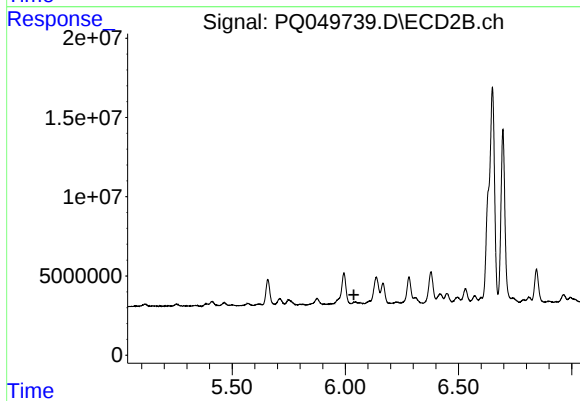
#14 AR-1232-4

R.T.: 5.876 min
Delta R.T.: 0.023 min
Response: 5790431
Conc: 99.90 ng/ml



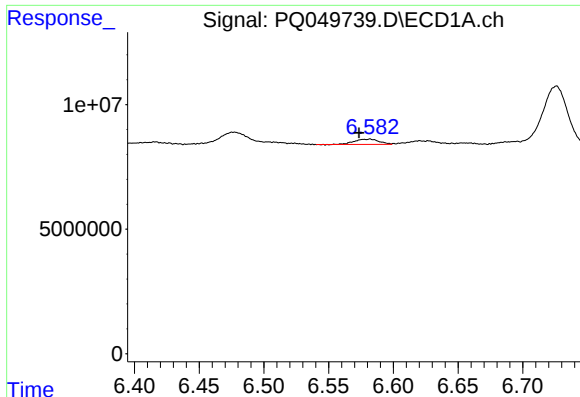
#15 AR-1232-5

R.T.: 6.858 min
Delta R.T.: -0.008 min
Response: 8434568
Conc: 127.35 ng/ml



#15 AR-1232-5

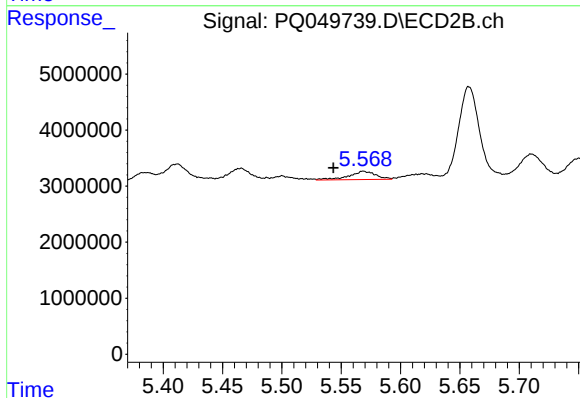
R.T.: 6.045 min
Delta R.T.: 0.007 min
Response: -1455984
Conc: N.D.



#16 AR-1242-1

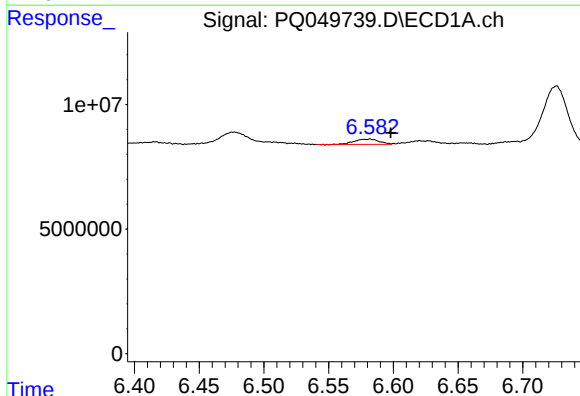
R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 2819127
Conc: 12.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



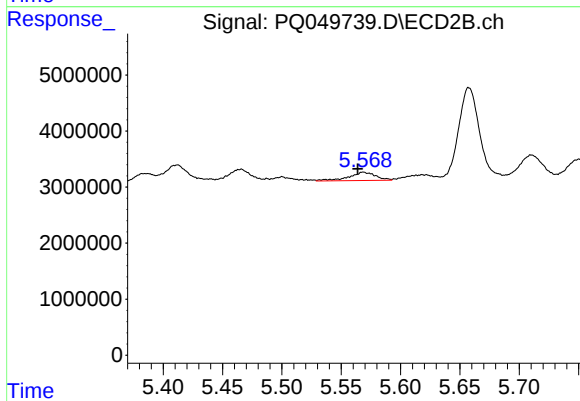
#16 AR-1242-1

R.T.: 5.569 min
Delta R.T.: 0.025 min
Response: 2323099
Conc: 13.55 ng/ml



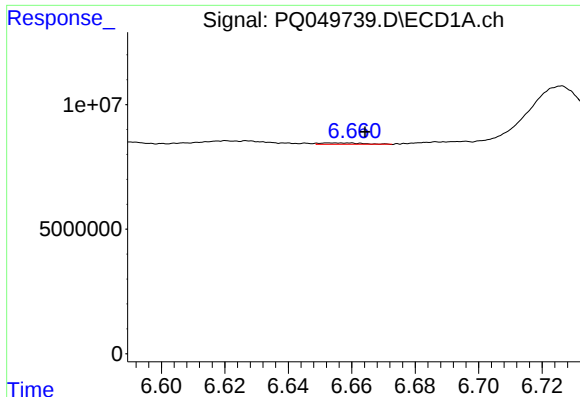
#17 AR-1242-2

R.T.: 6.582 min
Delta R.T.: -0.016 min
Response: 2819127
Conc: 9.27 ng/ml



#17 AR-1242-2

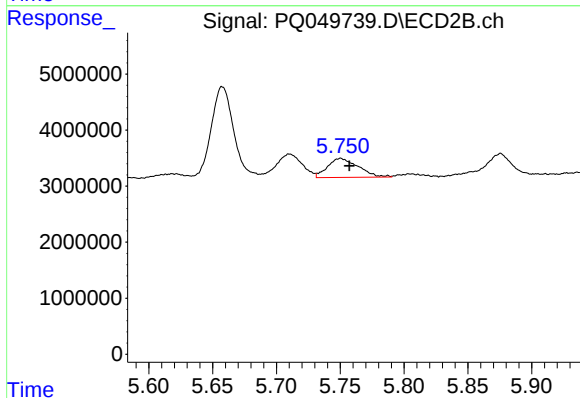
R.T.: 5.569 min
Delta R.T.: 0.005 min
Response: 2323099
Conc: 9.95 ng/ml



#18 AR-1242-3

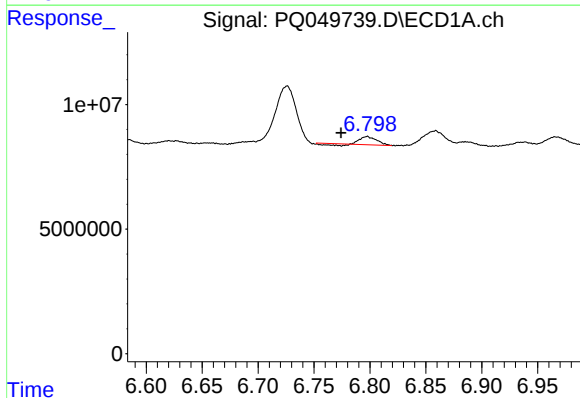
R.T.: 6.654 min
Delta R.T.: -0.010 min
Response: 472539
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



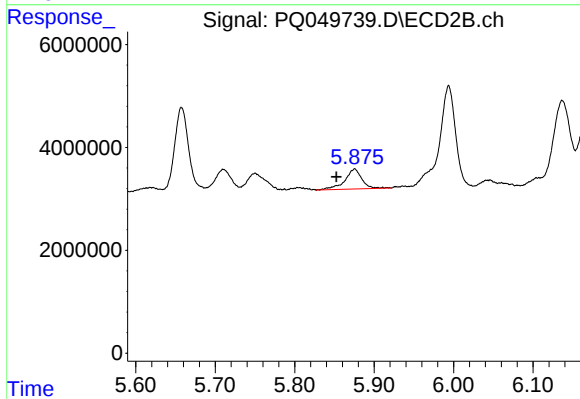
#18 AR-1242-3

R.T.: 5.750 min
Delta R.T.: -0.007 min
Response: 5712807
Conc: 46.15 ng/ml



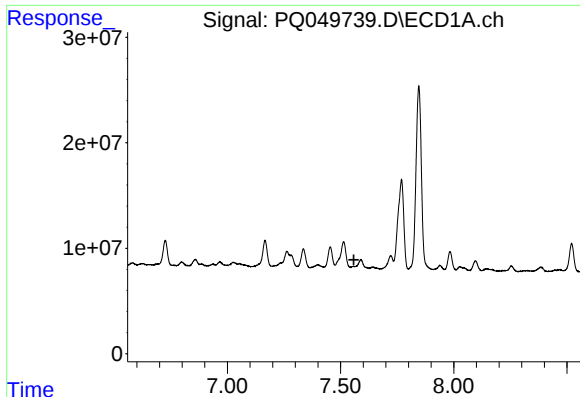
#19 AR-1242-4

R.T.: 6.797 min
Delta R.T.: 0.023 min
Response: 2999542
Conc: 18.89 ng/ml



#19 AR-1242-4

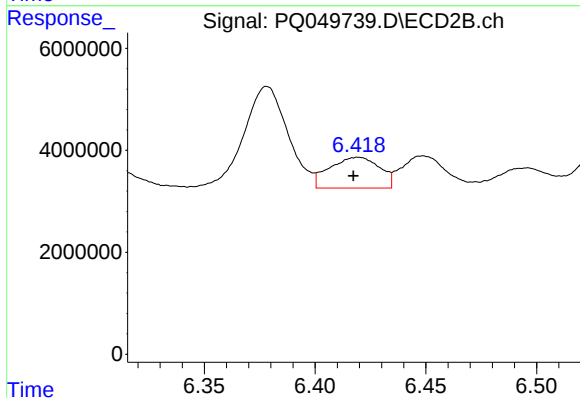
R.T.: 5.876 min
Delta R.T.: 0.023 min
Response: 5790431
Conc: 49.39 ng/ml



#20 AR-1242-5

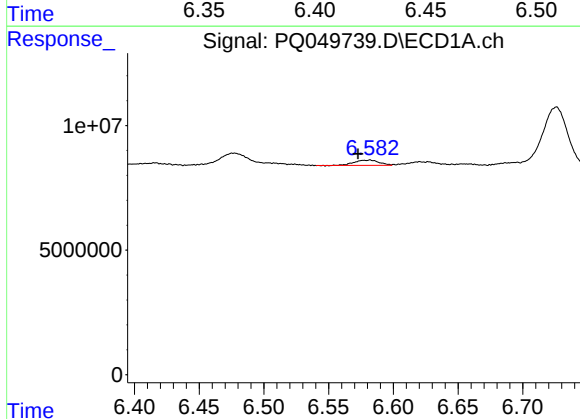
R.T.: 0.000 min
Exp R.T.: 7.559 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



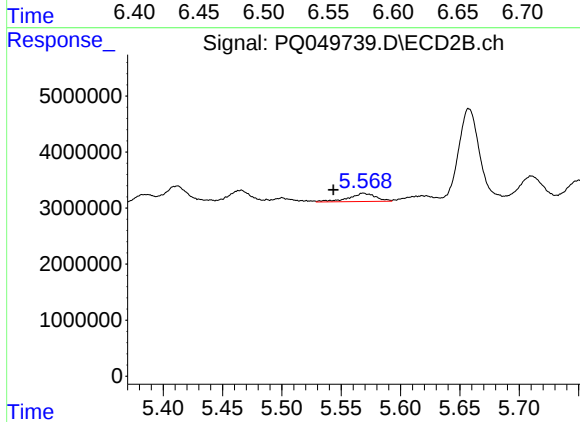
#20 AR-1242-5

R.T.: 6.419 min
Delta R.T.: 0.002 min
Response: 9459637
Conc: 55.44 ng/ml



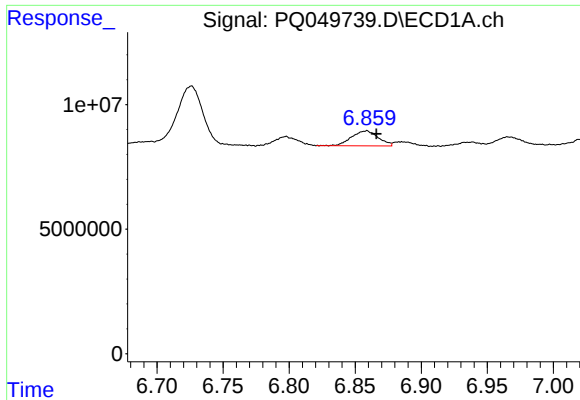
#21 AR-1248-1

R.T.: 6.582 min
Delta R.T.: 0.009 min
Response: 2819127
Conc: 16.18 ng/ml



#21 AR-1248-1

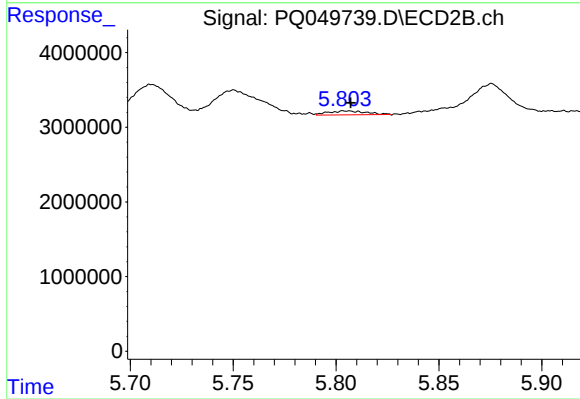
R.T.: 5.569 min
Delta R.T.: 0.025 min
Response: 2323099
Conc: 17.06 ng/ml



#22 AR-1248-2

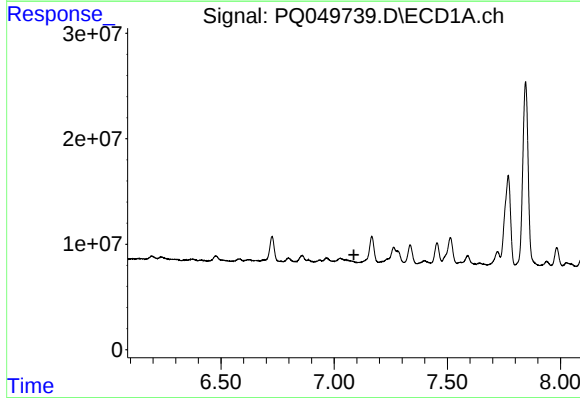
R.T.: 6.858 min
Delta R.T.: -0.008 min
Response: 8434568
Conc: 38.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



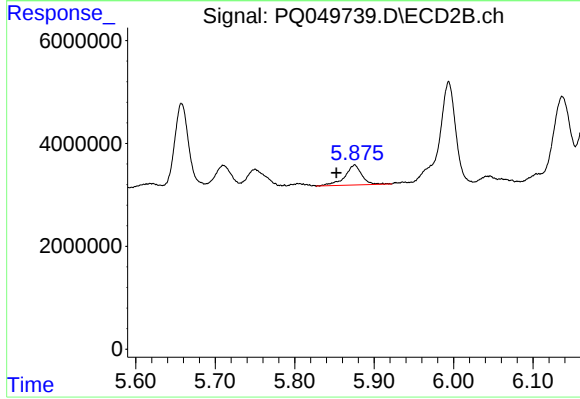
#22 AR-1248-2

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 685548
Conc: 4.07 ng/ml



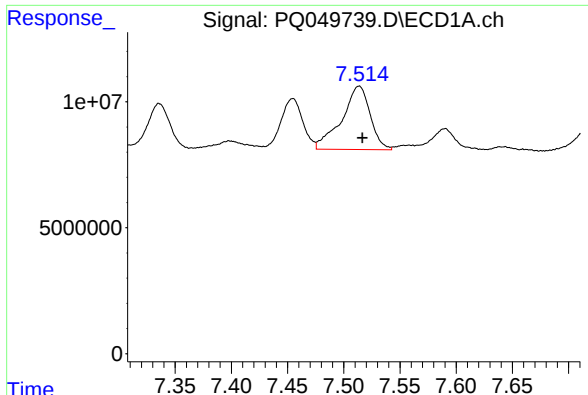
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 7.087 min
Response: 0
Conc: N.D.



#23 AR-1248-3

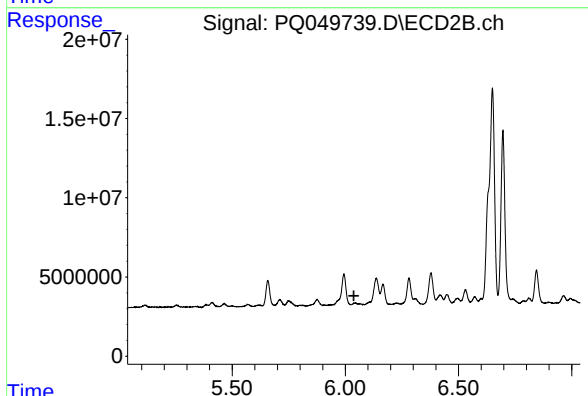
R.T.: 5.876 min
Delta R.T.: 0.023 min
Response: 5790431
Conc: 33.20 ng/ml



#24 AR-1248-4

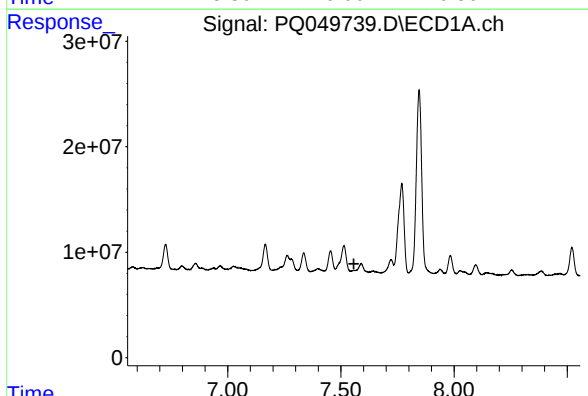
R.T.: 7.514 min
Delta R.T.: -0.003 min
Response: 44585189
Conc: 149.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



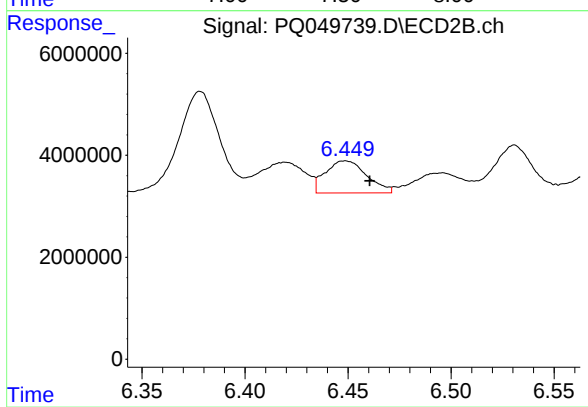
#24 AR-1248-4

R.T.: 6.045 min
Delta R.T.: 0.007 min
Response: -1455984
Conc: N.D.



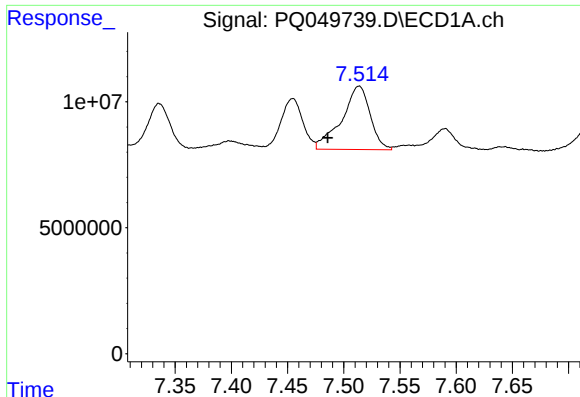
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 7.558 min
Response: 0
Conc: N.D.



#25 AR-1248-5

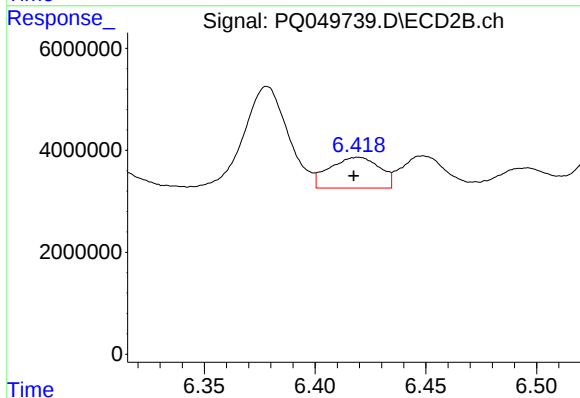
R.T.: 6.449 min
Delta R.T.: -0.012 min
Response: 8782940
Conc: 38.40 ng/ml



#26 AR-1254-1

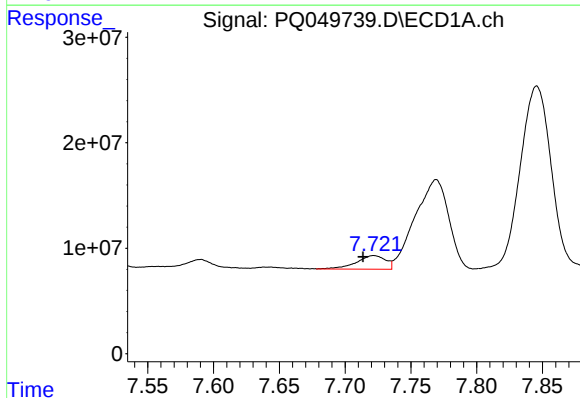
R.T.: 7.514 min
Delta R.T.: 0.028 min
Response: 44585189
Conc: 150.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



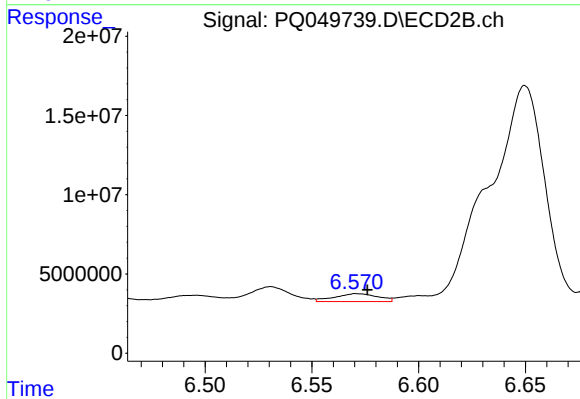
#26 AR-1254-1

R.T.: 6.419 min
Delta R.T.: 0.002 min
Response: 9459637
Conc: 26.42 ng/ml



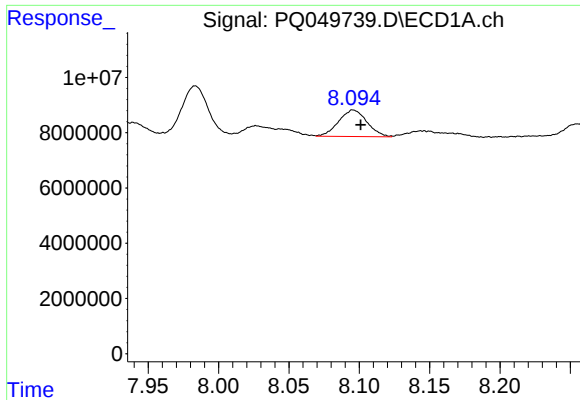
#27 AR-1254-2

R.T.: 7.722 min
Delta R.T.: 0.008 min
Response: 20000607
Conc: 43.56 ng/ml



#27 AR-1254-2

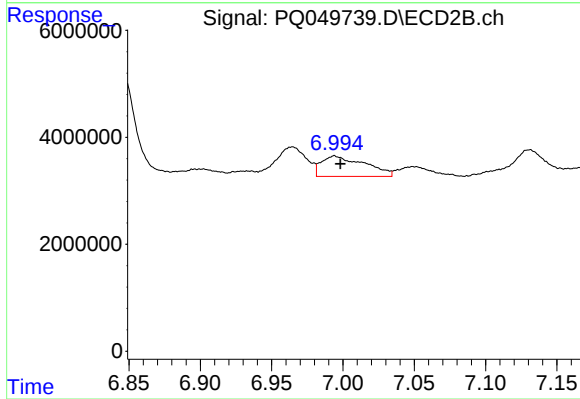
R.T.: 6.571 min
Delta R.T.: -0.005 min
Response: 6888851
Conc: 21.53 ng/ml



#28 AR-1254-3

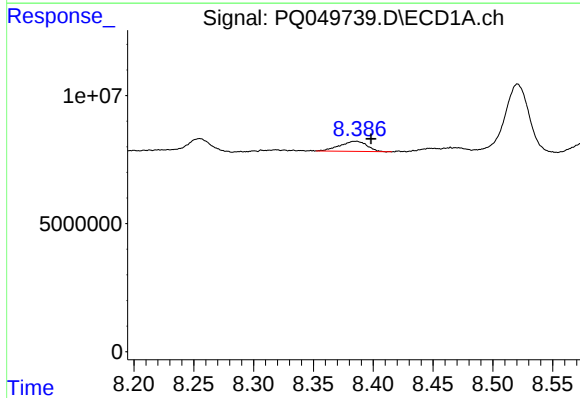
R.T.: 8.096 min
Delta R.T.: -0.005 min
Response: 13424760
Conc: 27.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



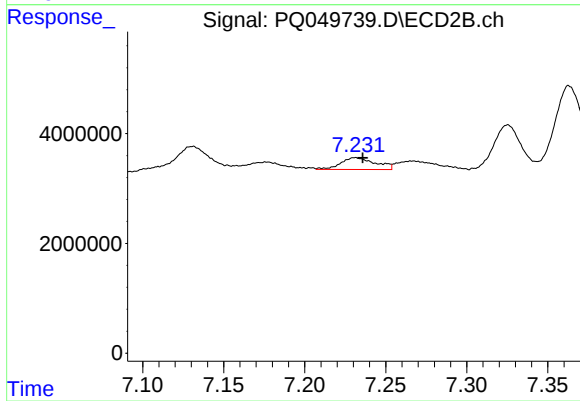
#28 AR-1254-3

R.T.: 6.994 min
Delta R.T.: -0.004 min
Response: 8067825
Conc: 15.39 ng/ml



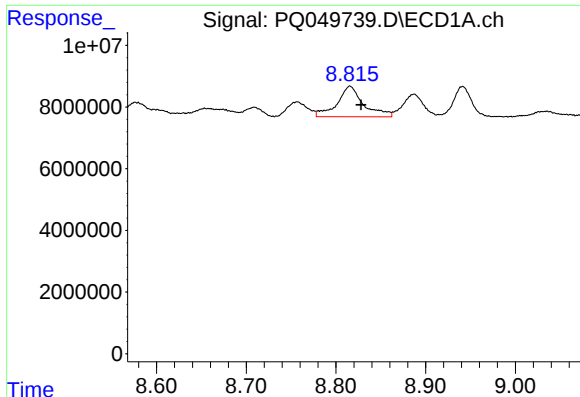
#29 AR-1254-4

R.T.: 8.385 min
Delta R.T.: -0.013 min
Response: 6274908
Conc: 15.79 ng/ml



#29 AR-1254-4

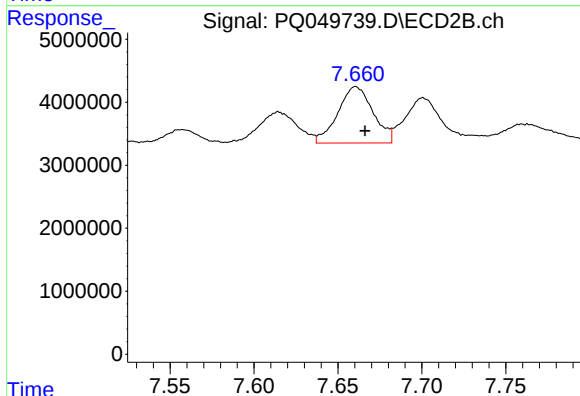
R.T.: 7.231 min
Delta R.T.: -0.005 min
Response: 3220771
Conc: 8.57 ng/ml



#30 AR-1254-5

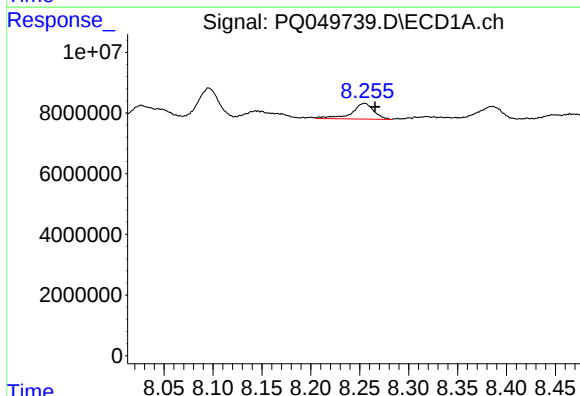
R.T.: 8.816 min
Delta R.T.: -0.012 min
Response: 20108065
Conc: 47.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



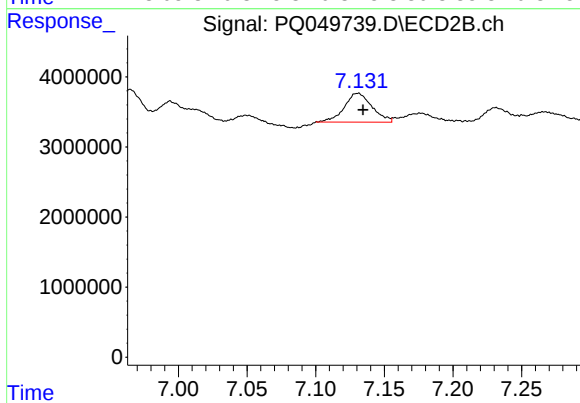
#30 AR-1254-5

R.T.: 7.661 min
Delta R.T.: -0.005 min
Response: 13076855
Conc: 26.59 ng/ml



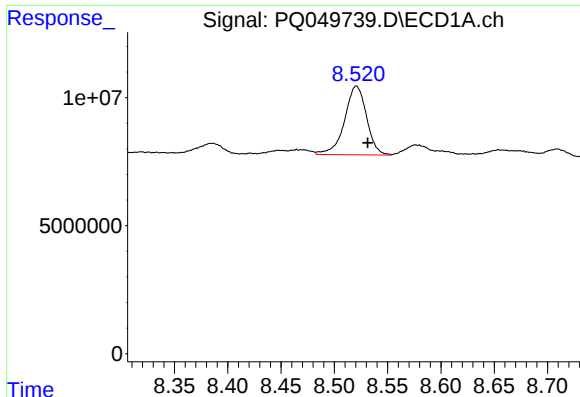
#31 AR-1260-1

R.T.: 8.255 min
Delta R.T.: -0.011 min
Response: 8174255
Conc: 21.50 ng/ml



#31 AR-1260-1

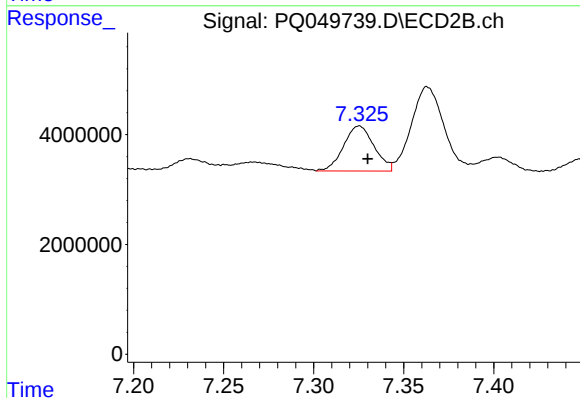
R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 5808188
Conc: 16.28 ng/ml



#32 AR-1260-2

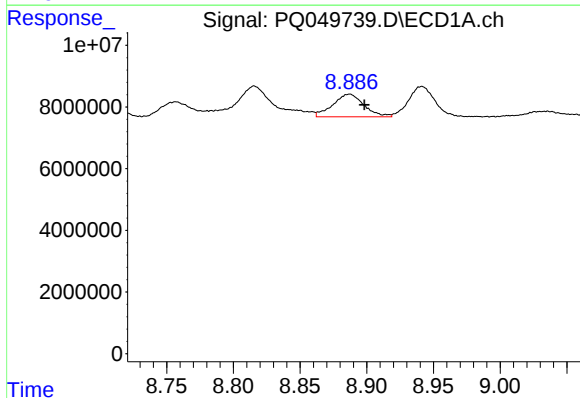
R.T.: 8.521 min
Delta R.T.: -0.011 min
Response: 38613745
Conc: 79.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



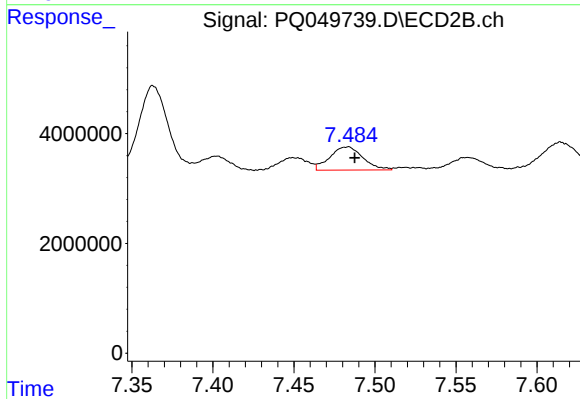
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: -0.005 min
Response: 9639161
Conc: 19.17 ng/ml



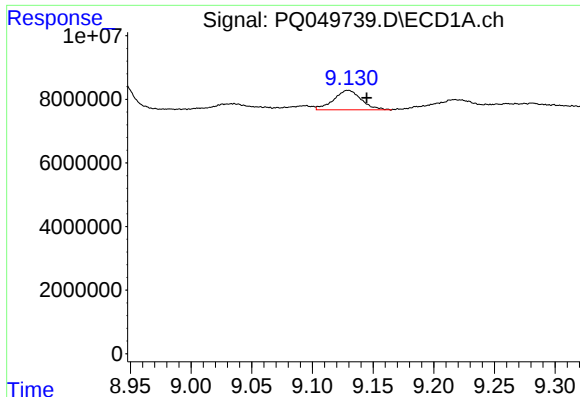
#33 AR-1260-3

R.T.: 8.887 min
Delta R.T.: -0.011 min
Response: 11905131
Conc: 29.70 ng/ml



#33 AR-1260-3

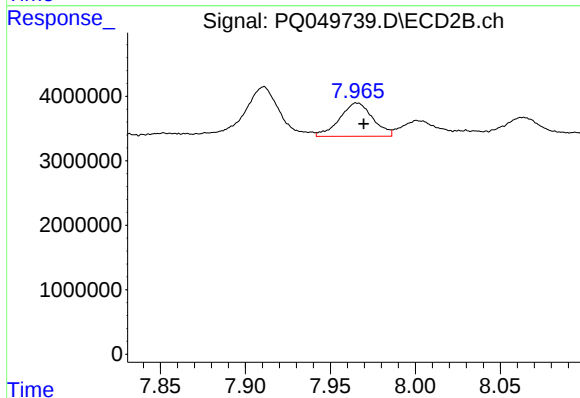
R.T.: 7.483 min
Delta R.T.: -0.004 min
Response: 6003119
Conc: 14.65 ng/ml



#34 AR-1260-4

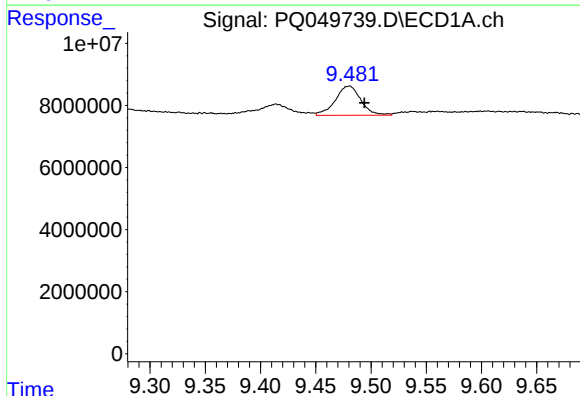
R.T.: 9.129 min
Delta R.T.: -0.015 min
Response: 9695750
Conc: 21.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



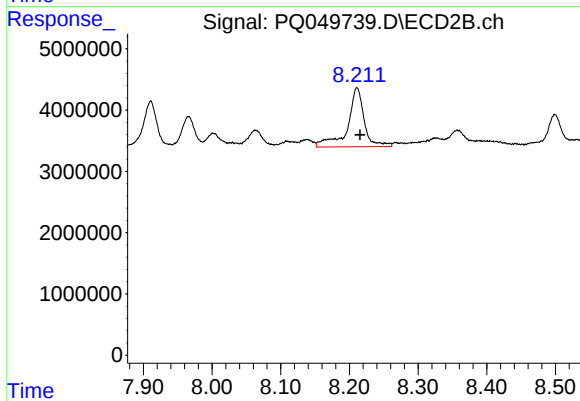
#34 AR-1260-4

R.T.: 7.966 min
Delta R.T.: -0.004 min
Response: 7025452
Conc: 19.27 ng/ml



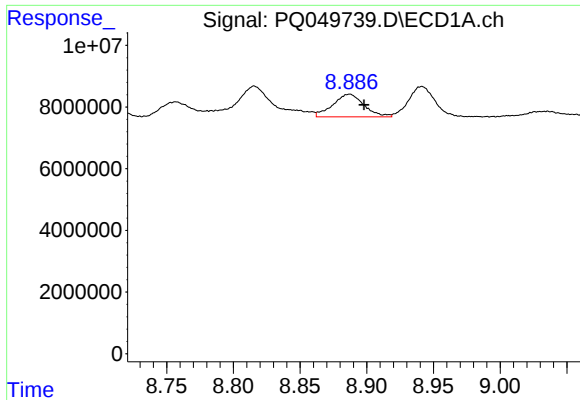
#35 AR-1260-5

R.T.: 9.480 min
Delta R.T.: -0.014 min
Response: 15228836
Conc: 15.47 ng/ml



#35 AR-1260-5

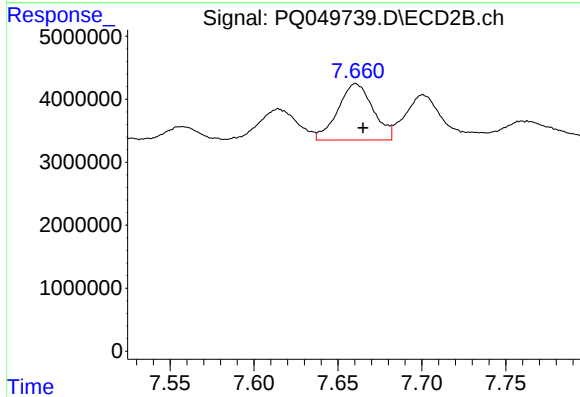
R.T.: 8.211 min
Delta R.T.: -0.005 min
Response: 16148962
Conc: 16.26 ng/ml



#36 AR-1262-1

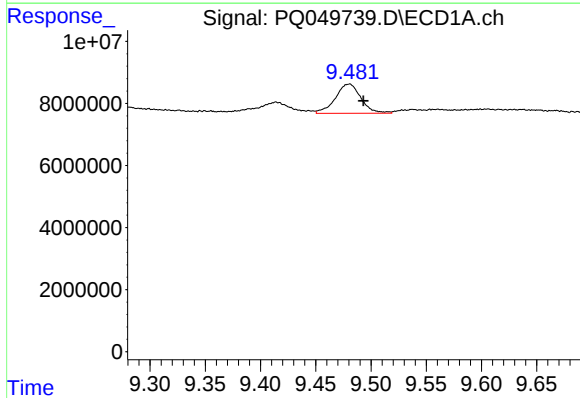
R.T.: 8.887 min
Delta R.T.: -0.011 min
Response: 11905131
Conc: 22.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



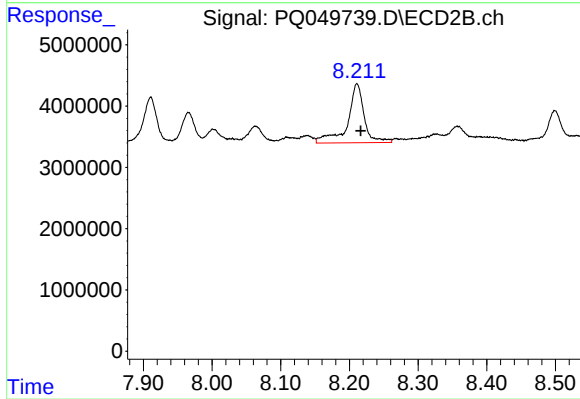
#36 AR-1262-1

R.T.: 7.661 min
Delta R.T.: -0.004 min
Response: 13076855
Conc: 49.70 ng/ml



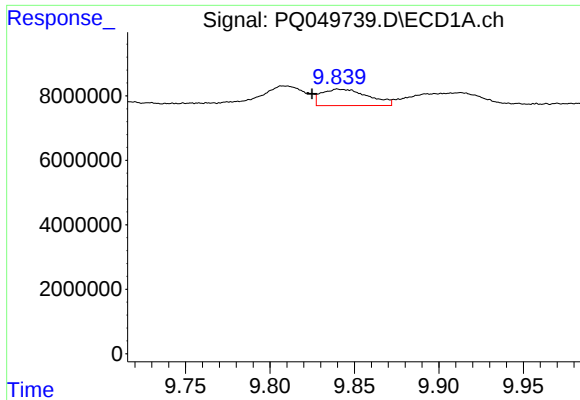
#37 AR-1262-2

R.T.: 9.480 min
Delta R.T.: -0.013 min
Response: 15228836
Conc: 14.98 ng/ml



#37 AR-1262-2

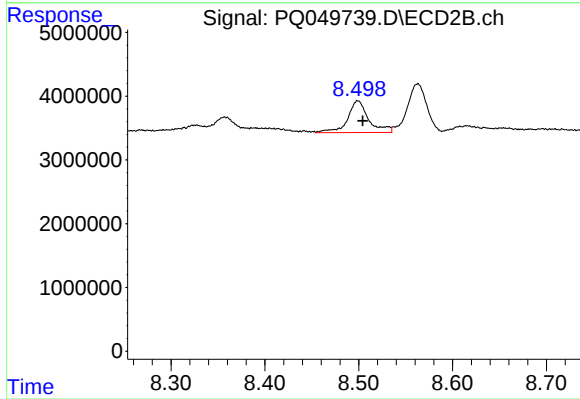
R.T.: 8.211 min
Delta R.T.: -0.006 min
Response: 16148962
Conc: 15.49 ng/ml



#38 AR-1262-3

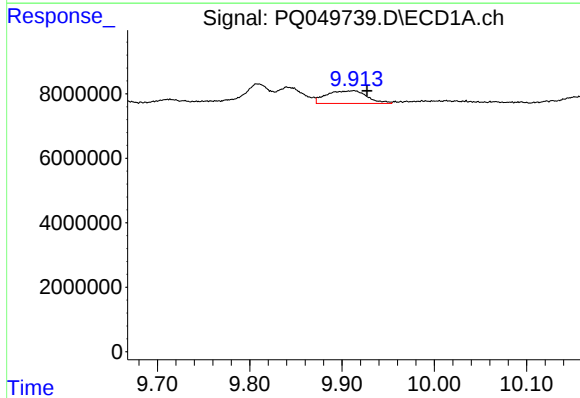
R.T.: 9.841 min
Delta R.T.: 0.016 min
Response: 9772091
Conc: 20.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



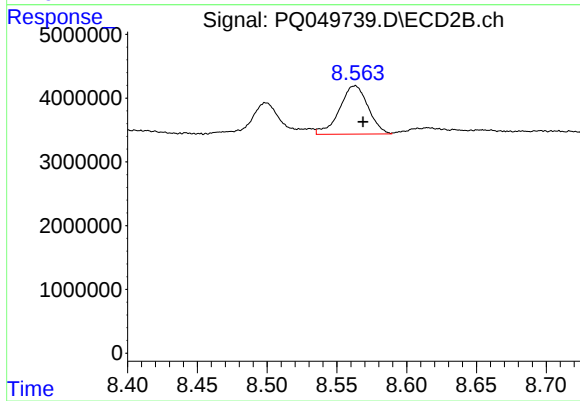
#38 AR-1262-3

R.T.: 8.499 min
Delta R.T.: -0.005 min
Response: 7743230
Conc: 17.78 ng/ml



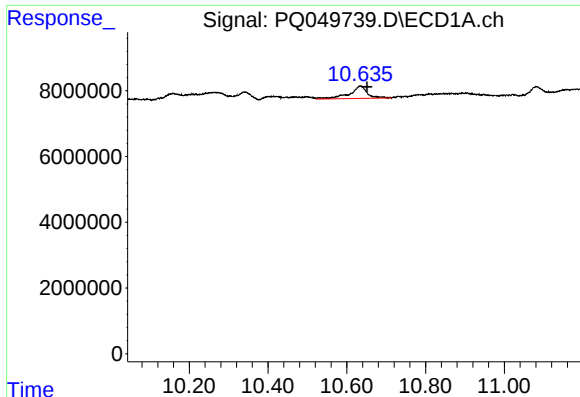
#39 AR-1262-4

R.T.: 9.913 min
Delta R.T.: -0.014 min
Response: 11978889
Conc: 20.82 ng/ml



#39 AR-1262-4

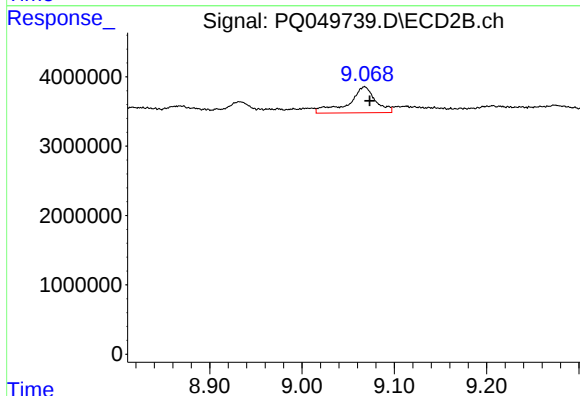
R.T.: 8.563 min
Delta R.T.: -0.006 min
Response: 10821860
Conc: 15.15 ng/ml



#40 AR-1262-5

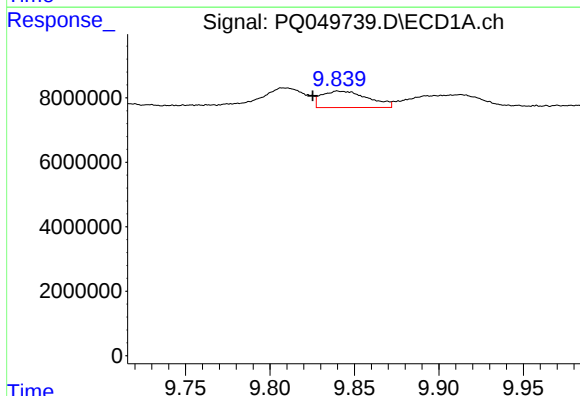
R.T.: 10.635 min
Delta R.T.: -0.017 min
Response: 11995219
Conc: 28.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



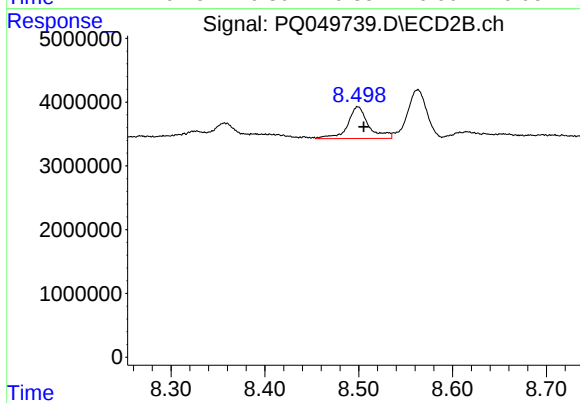
#40 AR-1262-5

R.T.: 9.068 min
Delta R.T.: -0.005 min
Response: 7606255
Conc: 23.65 ng/ml



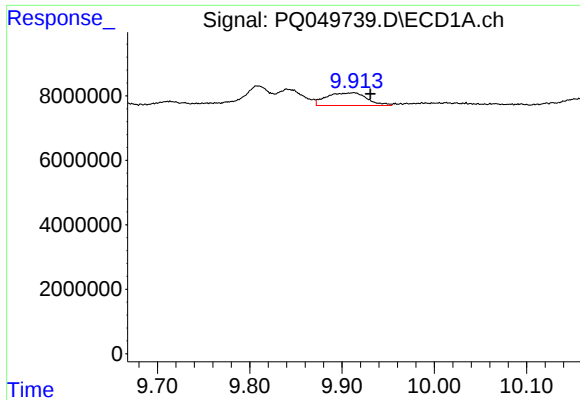
#41 AR-1268-1

R.T.: 9.841 min
Delta R.T.: 0.015 min
Response: 9772091
Conc: 7.37 ng/ml



#41 AR-1268-1

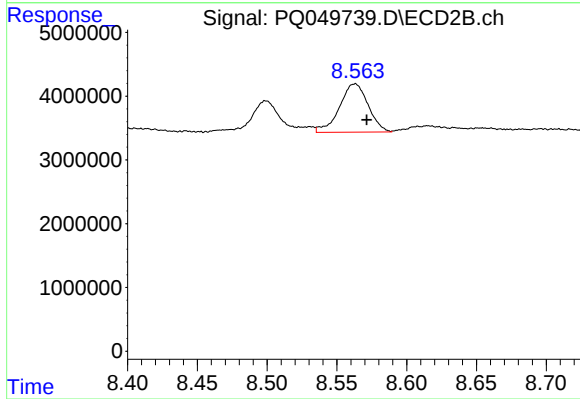
R.T.: 8.499 min
Delta R.T.: -0.006 min
Response: 7743230
Conc: 6.22 ng/ml



#42 AR-1268-2

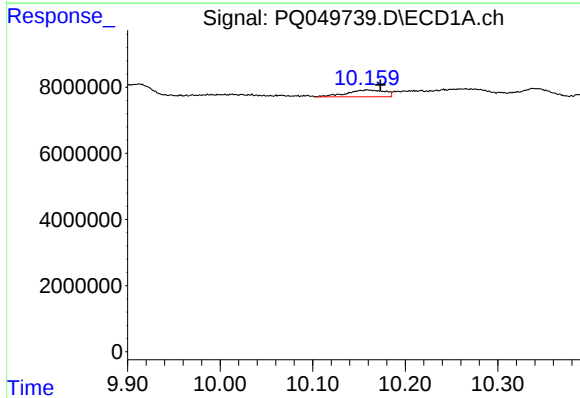
R.T.: 9.913 min
Delta R.T.: -0.018 min
Response: 11978889
Conc: 9.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



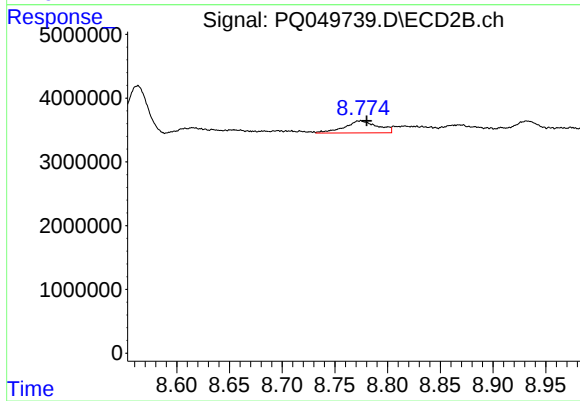
#42 AR-1268-2

R.T.: 8.563 min
Delta R.T.: -0.008 min
Response: 10821860
Conc: 9.98 ng/ml



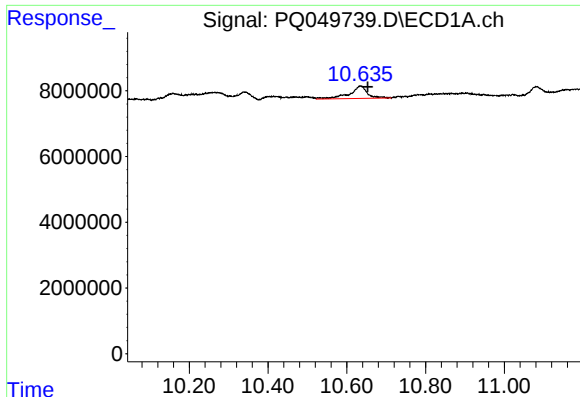
#43 AR-1268-3

R.T.: 10.159 min
Delta R.T.: -0.014 min
Response: 5873611
Conc: 5.48 ng/ml



#43 AR-1268-3

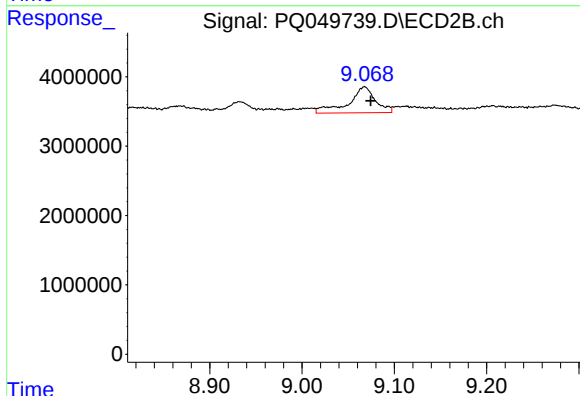
R.T.: 8.774 min
Delta R.T.: -0.006 min
Response: 4157718
Conc: 4.61 ng/ml



#44 AR-1268-4

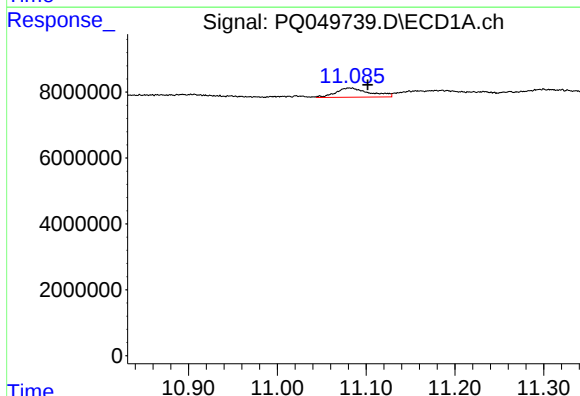
R.T.: 10.635 min
Delta R.T.: -0.019 min
Response: 11995219
Conc: 25.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



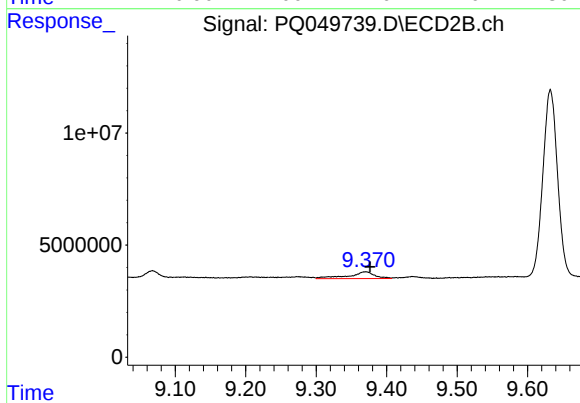
#44 AR-1268-4

R.T.: 9.068 min
Delta R.T.: -0.006 min
Response: 7606255
Conc: 20.66 ng/ml



#45 AR-1268-5

R.T.: 11.082 min
Delta R.T.: -0.020 min
Response: 7411184
Conc: 2.37 ng/ml



#45 AR-1268-5

R.T.: 9.370 min
Delta R.T.: -0.006 min
Response: 7795098
Conc: 3.23 ng/ml