

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 08:38
 Operator : SM\AJ
 Sample : K3998-18
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 22:55:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 2019
 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...	5.699	4.757	96562065	82901784	25.225	27.578
2)	SA Decachlor...	12.105	10.521	191.5E6	104.5E6	18.513	22.935
Target Compounds							
3)	L1 AR-1016-1	7.164	6.235	5281634	2486369	30.262	16.994 #
4)	L1 AR-1016-2	7.164	6.235	5281634	2486369	20.027	11.946 #
5)	L1 AR-1016-3	0.000	6.442	0	3181944	N.D.	28.182 #
6)	L1 AR-1016-4	7.325	6.503	22951588	7231775	170.303	79.326 #
7)	L1 AR-1016-5	7.665	6.759	55253012	18384824	415.218	152.977 #
10)	L2 AR-1221-3	0.000	5.355	0	44102028	N.D.	416.276 #
11)	L3 AR-1232-1	0.000	5.355	0	44102028	N.D.	581.337 #
12)	L3 AR-1232-2	0.000	6.235	0	2486369	N.D.	26.615 #
13)	L3 AR-1232-3	7.164	6.442	5281634	3181944	46.665	66.107 #
14)	L3 AR-1232-4	7.325	6.550	22951588	5713195	388.300	132.512 #
15)	L3 AR-1232-5	7.460	6.759	7568069	18384824	205.070	380.075 #
16)	L4 AR-1242-1	7.164	6.235	5281634	2486369	42.166	23.559 #
17)	L4 AR-1242-2	7.164	6.235	5281634	2486369	27.735	16.034 #
18)	L4 AR-1242-3	0.000	6.442	0	3181944	N.D.	38.129 #
19)	L4 AR-1242-4	7.325	6.550	22951588	5713195	234.157	70.144 #
20)	L4 AR-1242-5	8.205	7.159	15944167	74705974	120.264	598.464 #
21)	L5 AR-1248-1	7.164	6.235	5281634	2486369	56.940	30.957 #
22)	L5 AR-1248-2	7.460	6.503	7568069	7231775	61.500	64.561
23)	L5 AR-1248-3	7.665	6.550	55253012	5713195	351.850	49.496 #
24)	L5 AR-1248-4	8.142	6.759	237.2E6	18384824	1097.946	127.006 #
25)	L5 AR-1248-5	8.205	7.211	15944167	25466840	74.870	151.335 #
26)	L6 AR-1254-1	8.142	7.159	237.2E6	74705974	1170.027	293.765 #
27)	L6 AR-1254-2	8.352	7.330	57938556	14756304	167.746	64.498 #
28)	L6 AR-1254-3	8.743	7.780	35438417	26679823	85.520	65.732
29)	L6 AR-1254-4	9.041	8.029	23038084	17564222	63.654	64.293
30)	L6 AR-1254-5	9.501	8.474	58375755	44072164	145.384	110.381
31)	L7 AR-1260-1	8.911	7.923	6910983	12164625	22.875	45.739 #
32)	L7 AR-1260-2	9.178	8.124	73548087	7264485	160.456	20.021 #
33)	L7 AR-1260-3	9.555	8.290	7967564	5441730	18.765	17.329
34)	L7 AR-1260-4	9.797	8.788	15838346	6278129	37.625	22.053 #
35)	L7 AR-1260-5	10.148	9.039	44153512	15690605	41.320	21.101 #
36)	L8 AR-1262-1	9.619	8.571	4015792	5682181	16.357	29.542 #
37)	L8 AR-1262-2	10.148	9.039	44153512	15690605	36.357	18.676 #
38)	L8 AR-1262-3	10.504	9.333	7837931	2794490	9.405	7.945
39)	L8 AR-1262-4	10.561	9.400	649765	8601986	0.997	14.637 #
40)	L8 AR-1262-5	11.297	9.925	4785519	3108367	10.469	12.954
41)	L9 AR-1268-1	10.504	9.333	7837931	2794490	4.343	2.446 #
42)	L9 AR-1268-2	10.561	9.400	649765	8601986	0.407	8.852 #
43)	L9 AR-1268-3	0.000	9.615	0	867093	N.D.	1.086 #

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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 2019
 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
44) L9	AR-1268-4	11.297	9.925	4785519	3108367	8.430	10.129
45) L9	AR-1268-5	0.000	10.245	0	1200124	N.D.	0.607 #

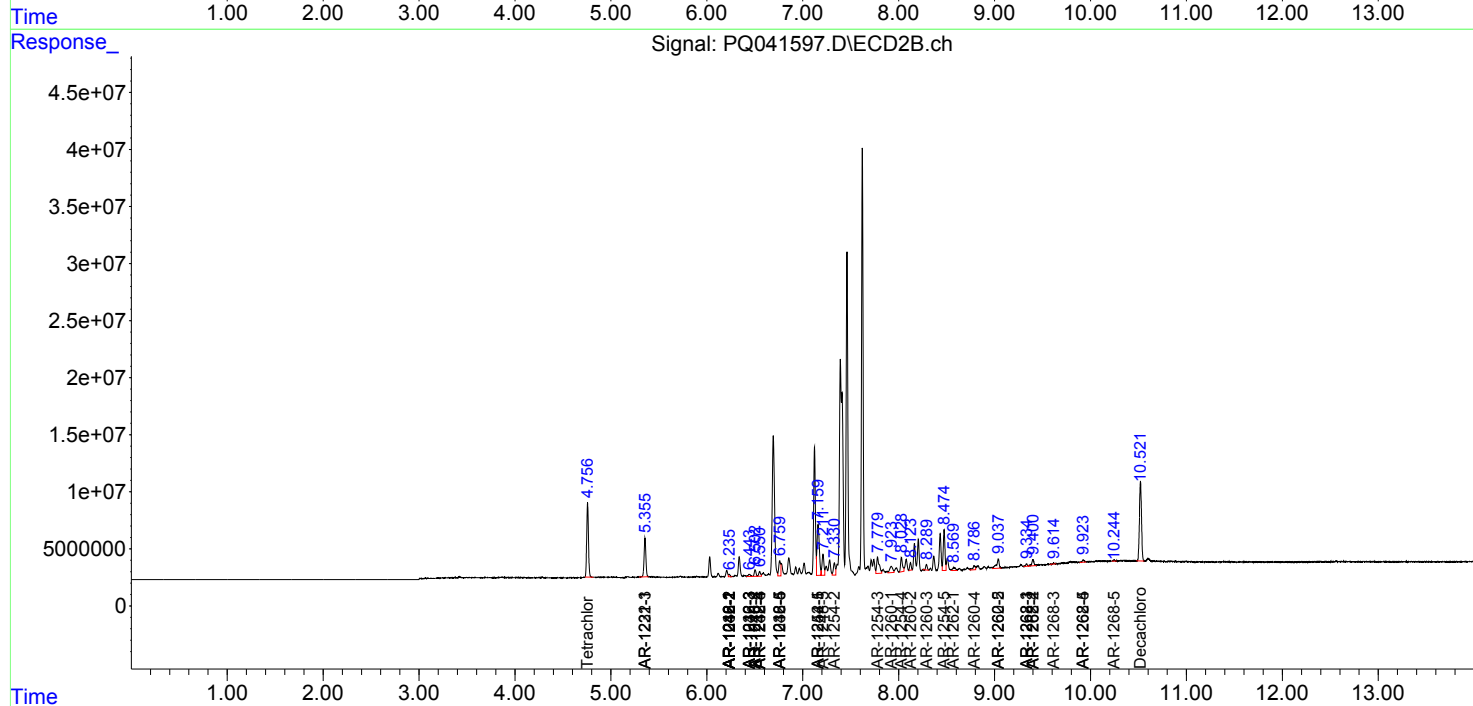
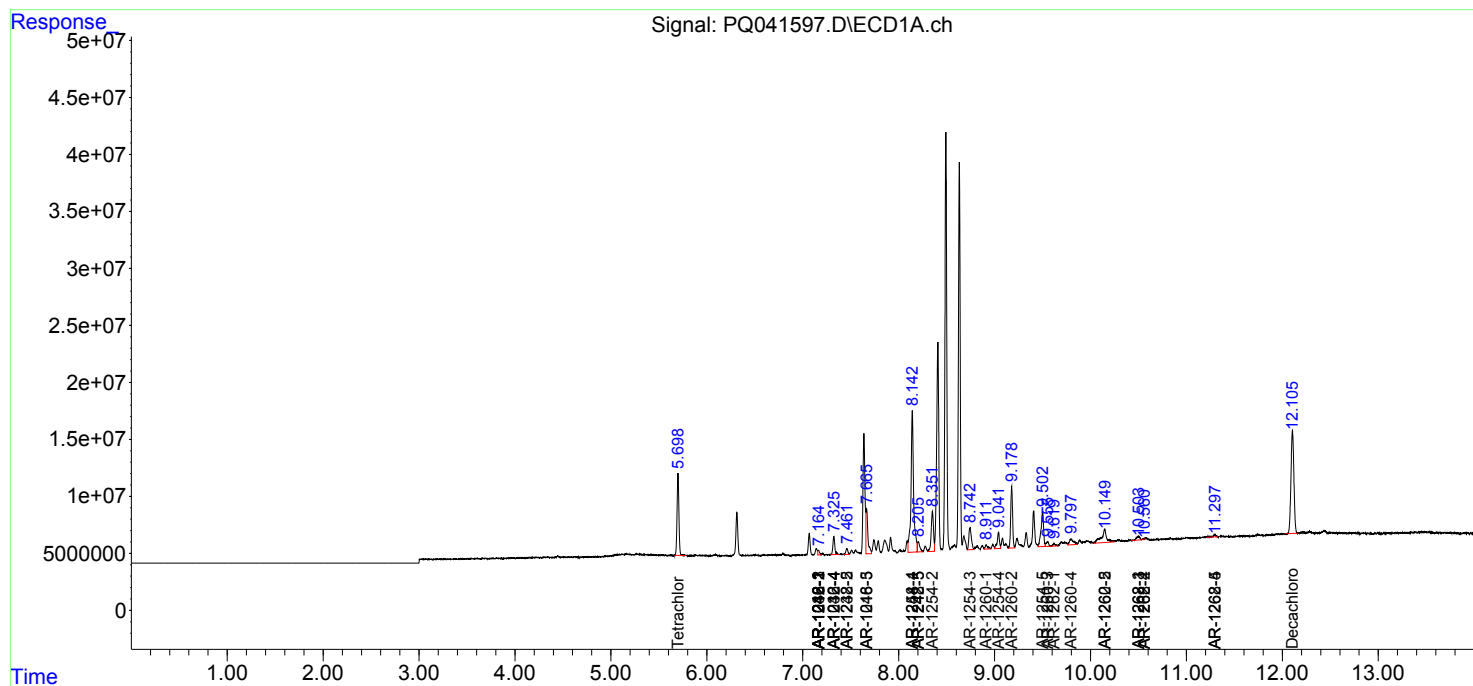
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

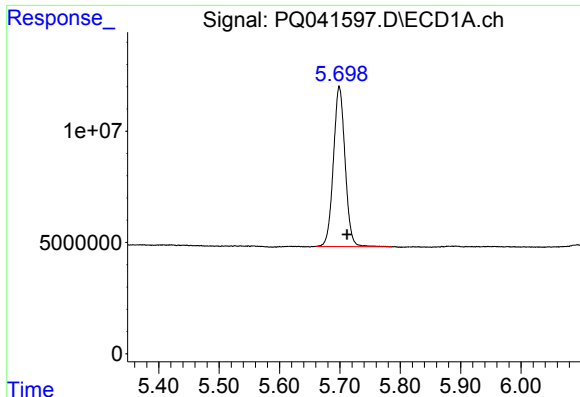
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
Data File : PQ041597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 08:38
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Quant Title : GC EXTRACTABLES
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Integrator: 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

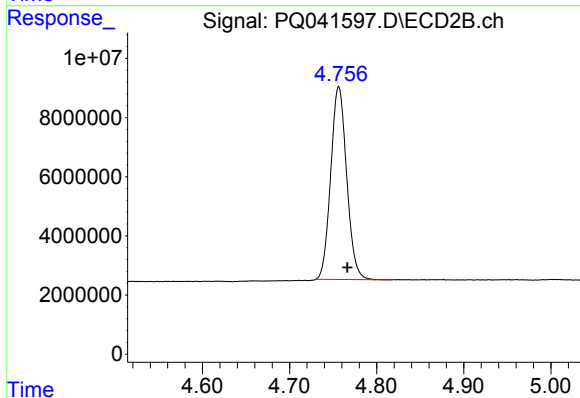




#1 Tetrachloro-m-xylene

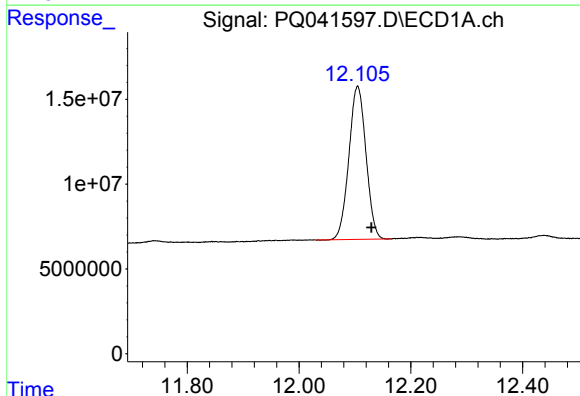
R.T.: 5.699 min
Delta R.T.: -0.013 min
Response: 96562065
Conc: 25.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



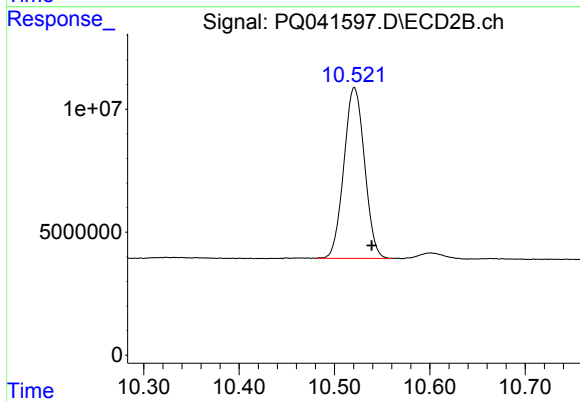
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: -0.010 min
Response: 82901784
Conc: 27.58 ng/ml



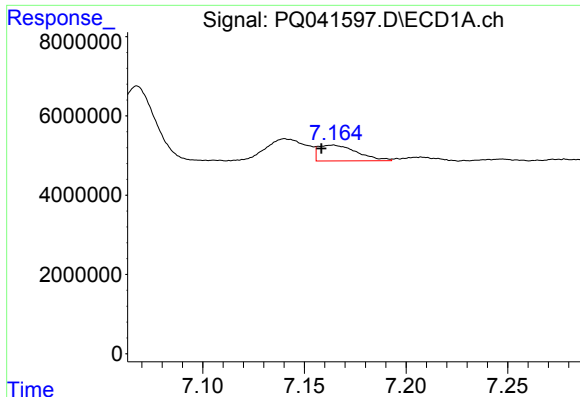
#2 Decachlorobiphenyl

R.T.: 12.105 min
Delta R.T.: -0.024 min
Response: 191490907
Conc: 18.51 ng/ml



#2 Decachlorobiphenyl

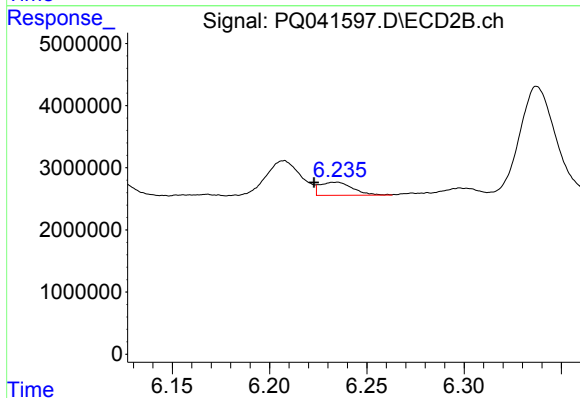
R.T.: 10.521 min
Delta R.T.: -0.018 min
Response: 104507466
Conc: 22.93 ng/ml



#3 AR-1016-1

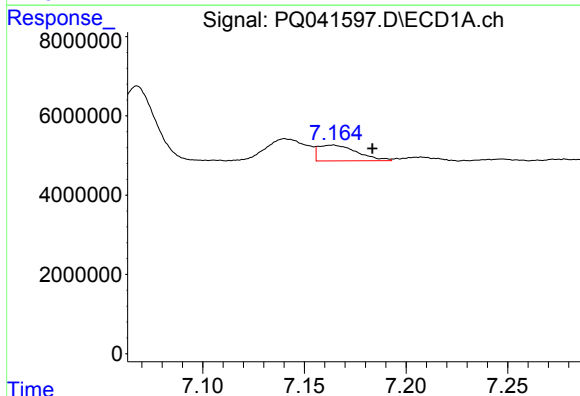
R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 5281634
Conc: 30.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



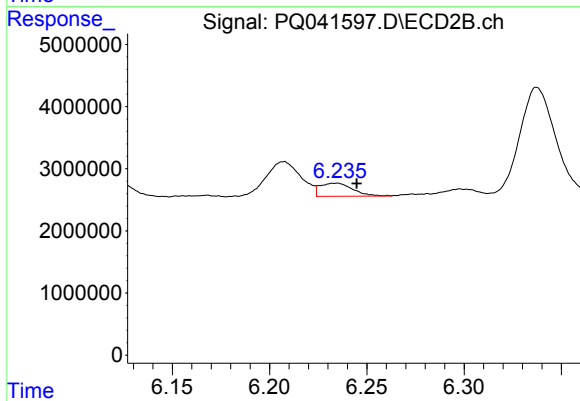
#3 AR-1016-1

R.T.: 6.235 min
Delta R.T.: 0.012 min
Response: 2486369
Conc: 16.99 ng/ml



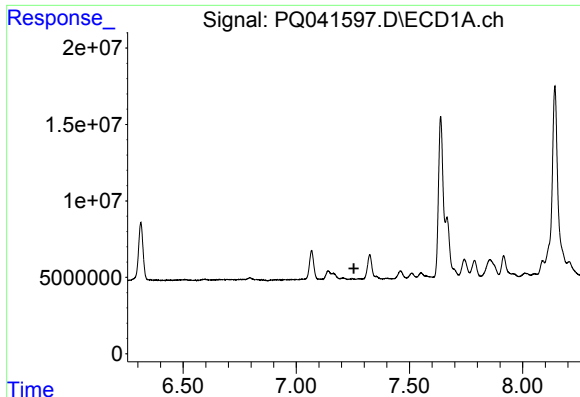
#4 AR-1016-2

R.T.: 7.164 min
Delta R.T.: -0.020 min
Response: 5281634
Conc: 20.03 ng/ml



#4 AR-1016-2

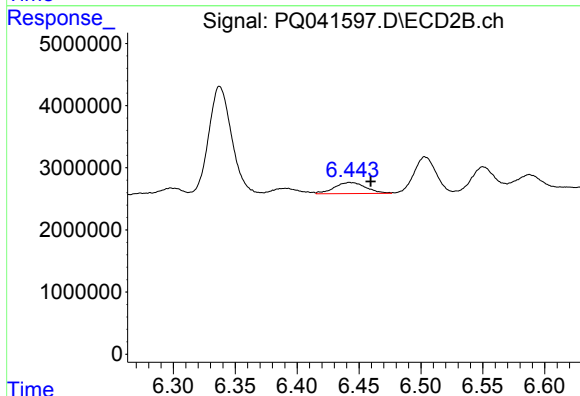
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 2486369
Conc: 11.95 ng/ml



#5 AR-1016-3

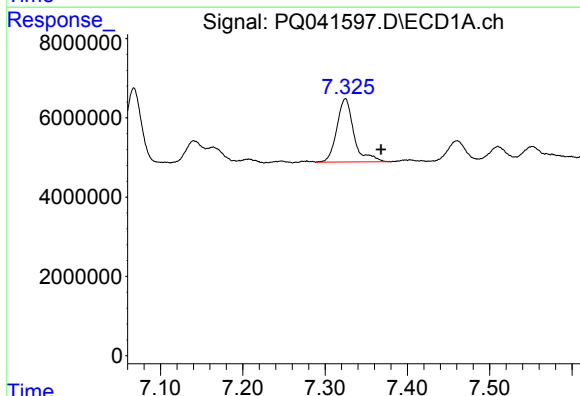
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



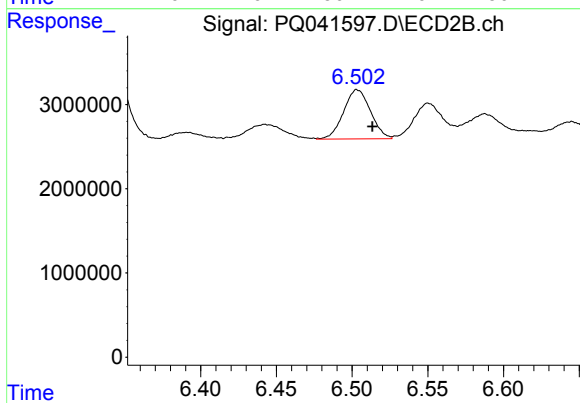
#5 AR-1016-3

R.T.: 6.442 min
Delta R.T.: -0.017 min
Response: 3181944
Conc: 28.18 ng/ml



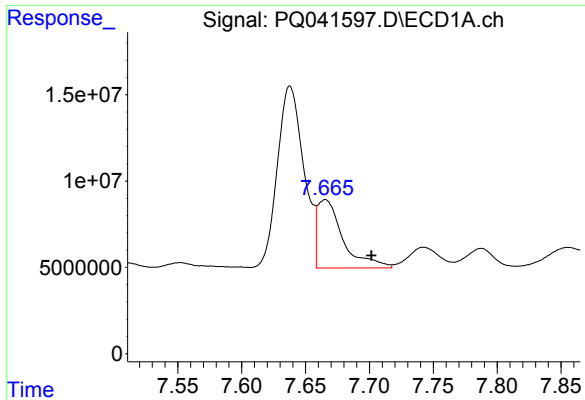
#6 AR-1016-4

R.T.: 7.325 min
Delta R.T.: -0.043 min
Response: 22951588
Conc: 170.30 ng/ml



#6 AR-1016-4

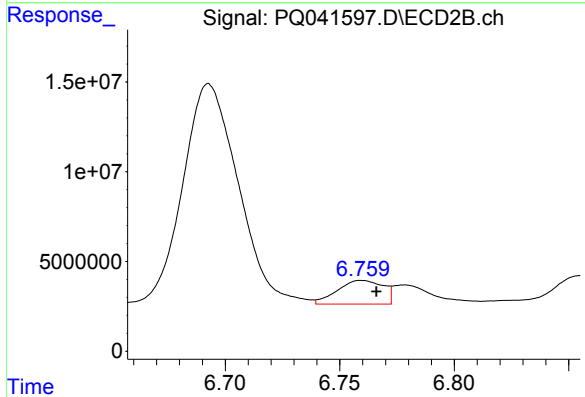
R.T.: 6.503 min
Delta R.T.: -0.010 min
Response: 7231775
Conc: 79.33 ng/ml



#7 AR-1016-5

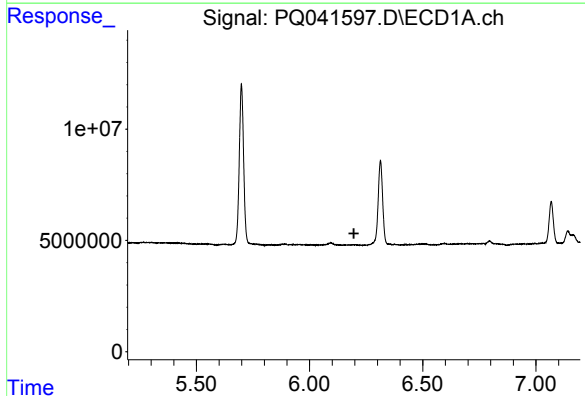
R.T.: 7.665 min
Delta R.T.: -0.036 min
Response: 55253012
Conc: 415.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



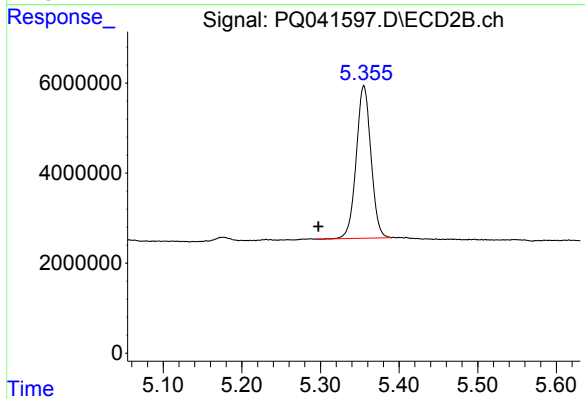
#7 AR-1016-5

R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 18384824
Conc: 152.98 ng/ml



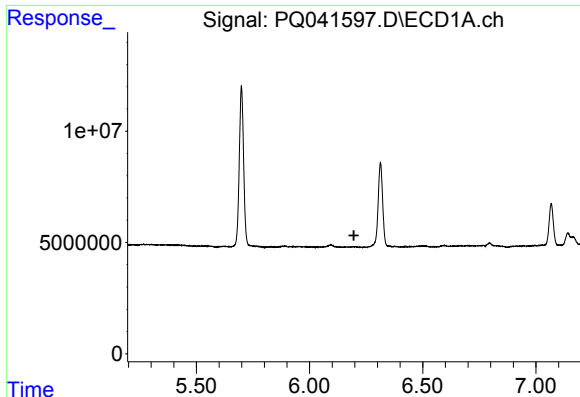
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

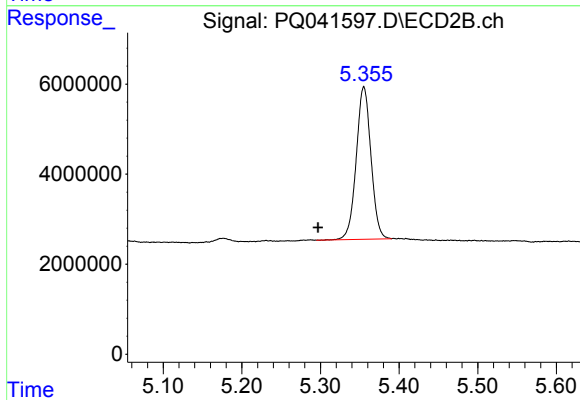
R.T.: 5.355 min
Delta R.T.: 0.058 min
Response: 44102028
Conc: 416.28 ng/ml



#11 AR-1232-1

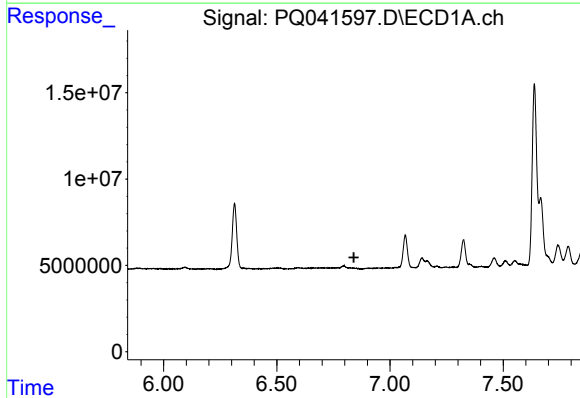
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



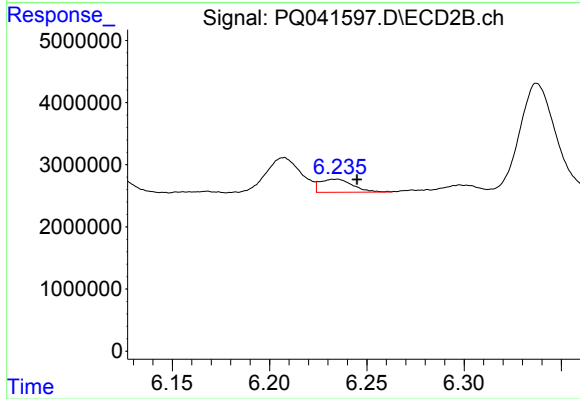
#11 AR-1232-1

R.T.: 5.355 min
Delta R.T.: 0.058 min
Response: 44102028
Conc: 581.34 ng/ml



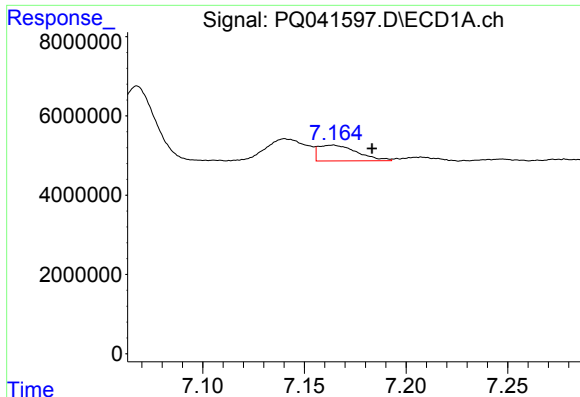
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.841 min
Response: 0
Conc: N.D.



#12 AR-1232-2

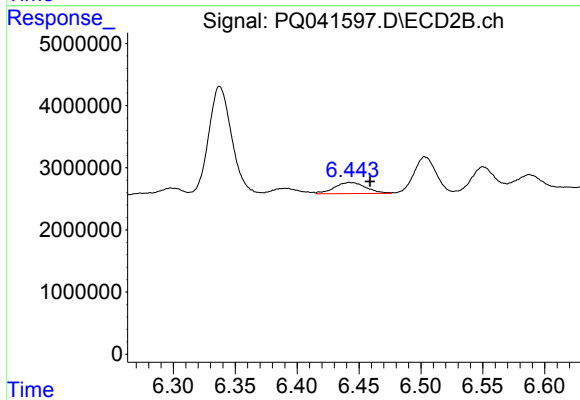
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 2486369
Conc: 26.61 ng/ml



#13 AR-1232-3

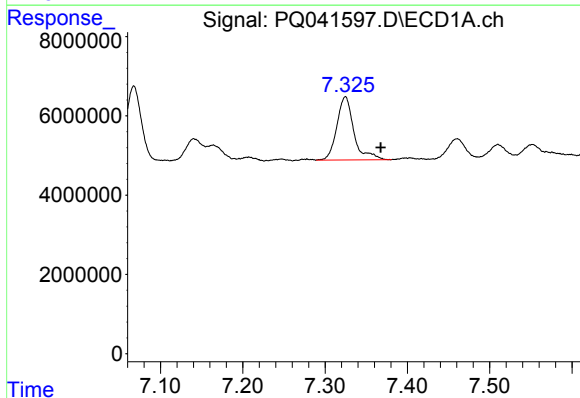
R.T.: 7.164 min
Delta R.T.: -0.019 min
Response: 5281634
Conc: 46.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



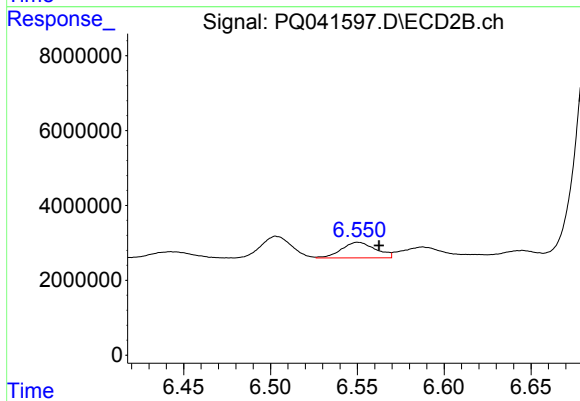
#13 AR-1232-3

R.T.: 6.442 min
Delta R.T.: -0.017 min
Response: 3181944
Conc: 66.11 ng/ml



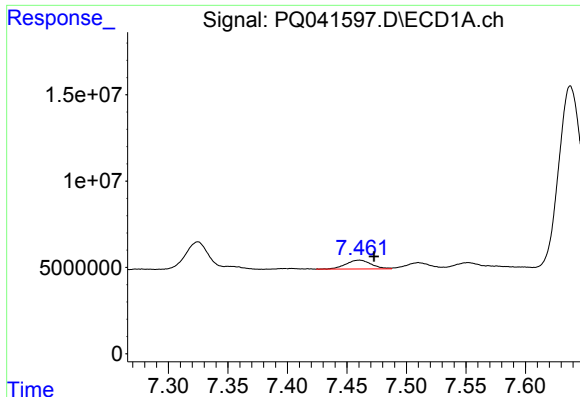
#14 AR-1232-4

R.T.: 7.325 min
Delta R.T.: -0.043 min
Response: 22951588
Conc: 388.30 ng/ml



#14 AR-1232-4

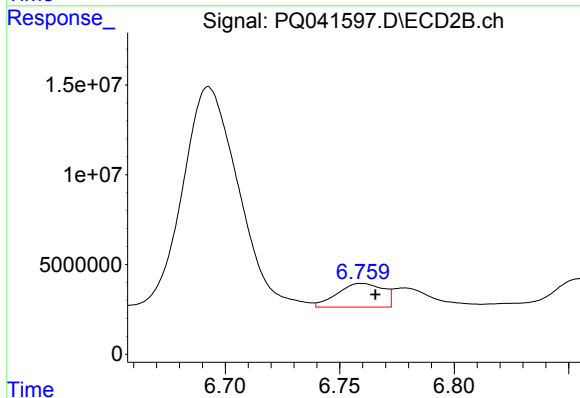
R.T.: 6.550 min
Delta R.T.: -0.012 min
Response: 5713195
Conc: 132.51 ng/ml



#15 AR-1232-5

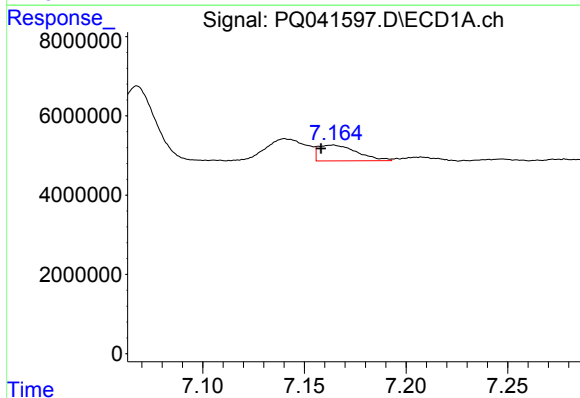
R.T.: 7.460 min
Delta R.T.: -0.012 min
Response: 7568069
Conc: 205.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



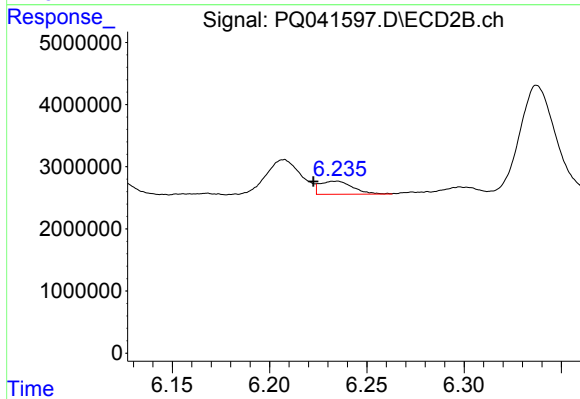
#15 AR-1232-5

R.T.: 6.759 min
Delta R.T.: -0.006 min
Response: 18384824
Conc: 380.07 ng/ml



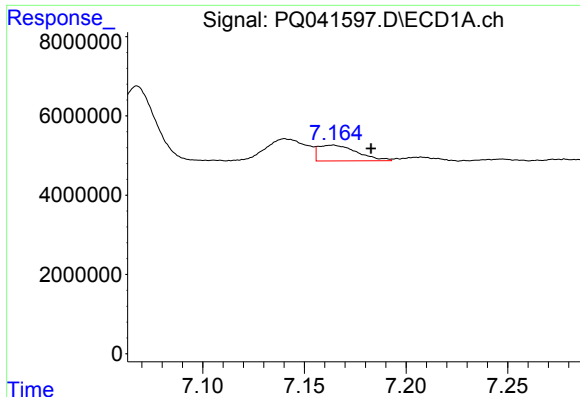
#16 AR-1242-1

R.T.: 7.164 min
Delta R.T.: 0.006 min
Response: 5281634
Conc: 42.17 ng/ml



#16 AR-1242-1

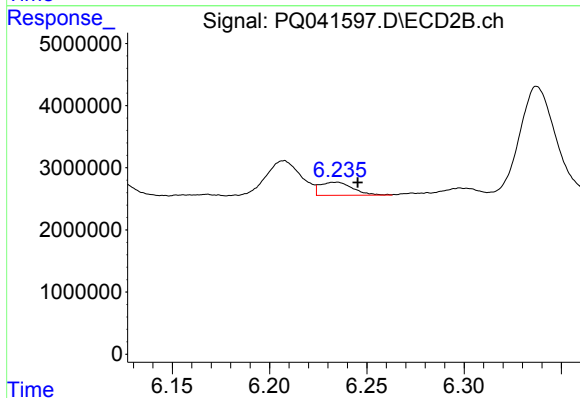
R.T.: 6.235 min
Delta R.T.: 0.013 min
Response: 2486369
Conc: 23.56 ng/ml



#17 AR-1242-2

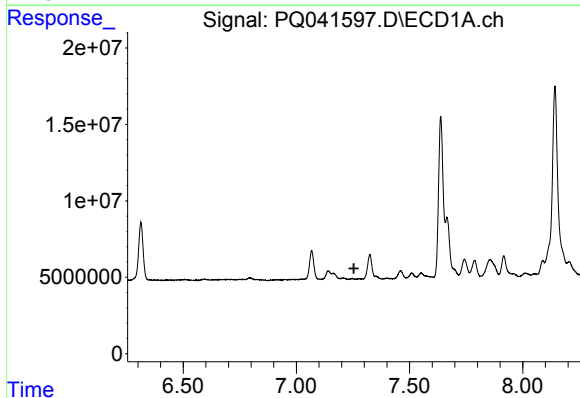
R.T.: 7.164 min
Delta R.T.: -0.019 min
Response: 5281634
Conc: 27.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



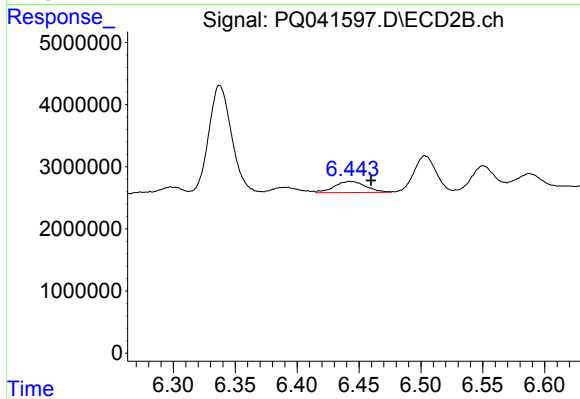
#17 AR-1242-2

R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 2486369
Conc: 16.03 ng/ml



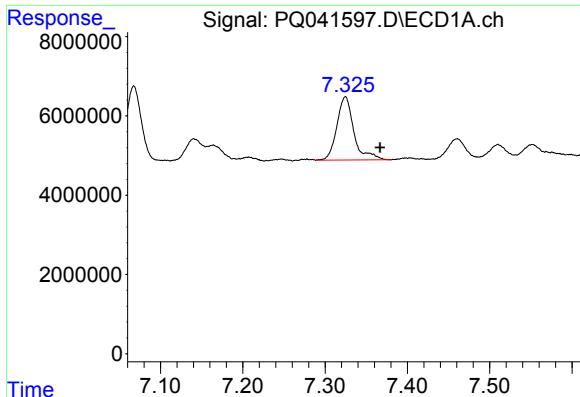
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.254 min
Response: 0
Conc: N.D.



#18 AR-1242-3

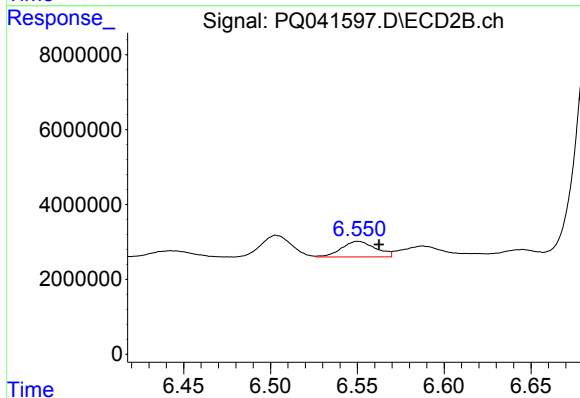
R.T.: 6.442 min
Delta R.T.: -0.017 min
Response: 3181944
Conc: 38.13 ng/ml



#19 AR-1242-4

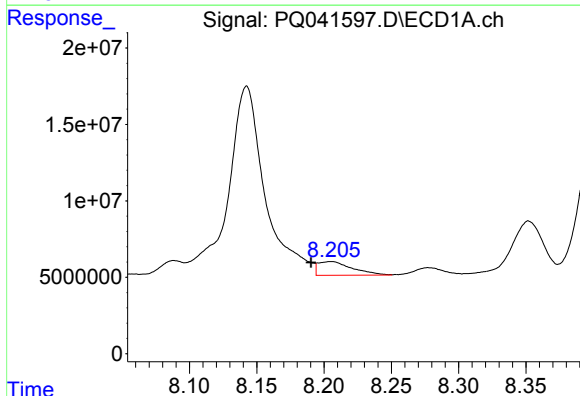
R.T.: 7.325 min
Delta R.T.: -0.042 min
Response: 22951588
Conc: 234.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



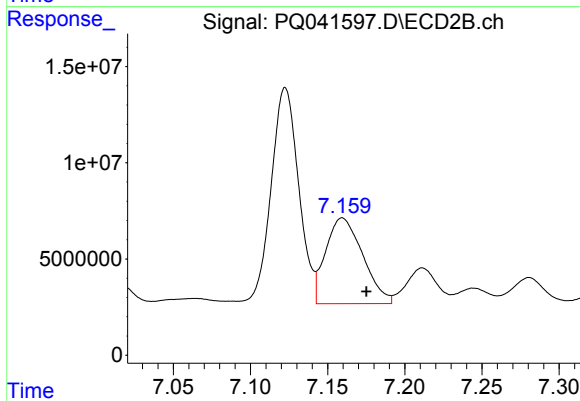
#19 AR-1242-4

R.T.: 6.550 min
Delta R.T.: -0.012 min
Response: 5713195
Conc: 70.14 ng/ml



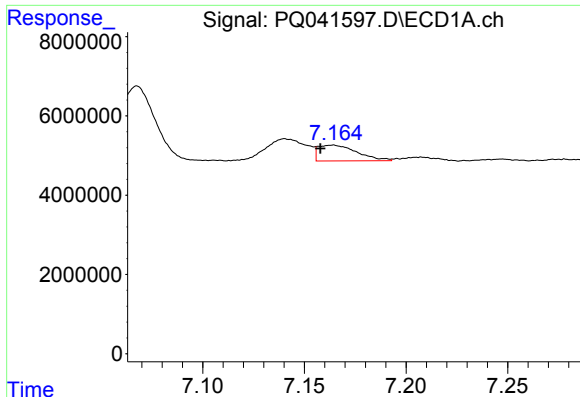
#20 AR-1242-5

R.T.: 8.205 min
Delta R.T.: 0.015 min
Response: 15944167
Conc: 120.26 ng/ml



#20 AR-1242-5

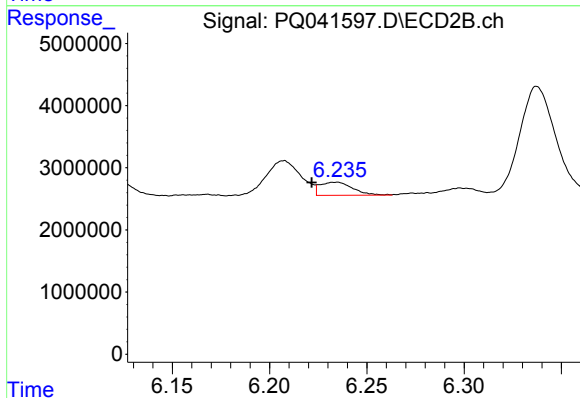
R.T.: 7.159 min
Delta R.T.: -0.016 min
Response: 74705974
Conc: 598.46 ng/ml



#21 AR-1248-1

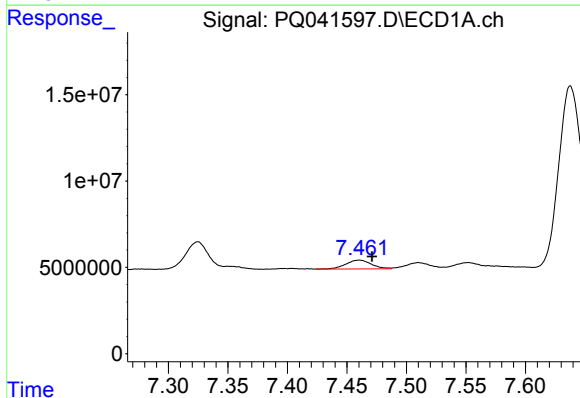
R.T.: 7.164 min
Delta R.T.: 0.006 min
Response: 5281634
Conc: 56.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



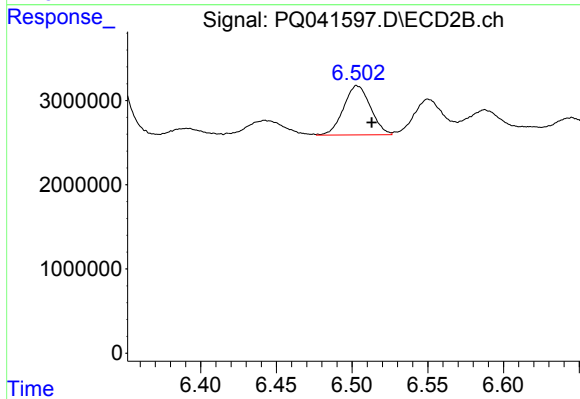
#21 AR-1248-1

R.T.: 6.235 min
Delta R.T.: 0.013 min
Response: 2486369
Conc: 30.96 ng/ml



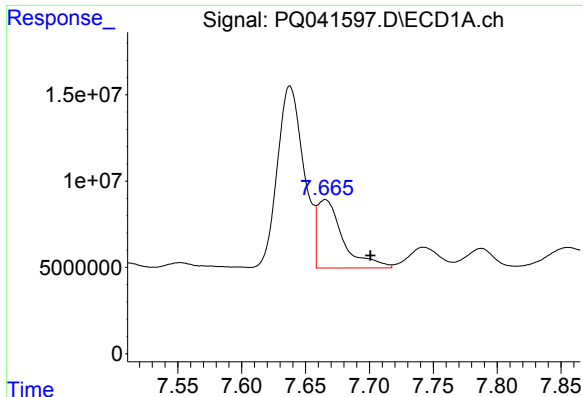
#22 AR-1248-2

R.T.: 7.460 min
Delta R.T.: -0.011 min
Response: 7568069
Conc: 61.50 ng/ml



#22 AR-1248-2

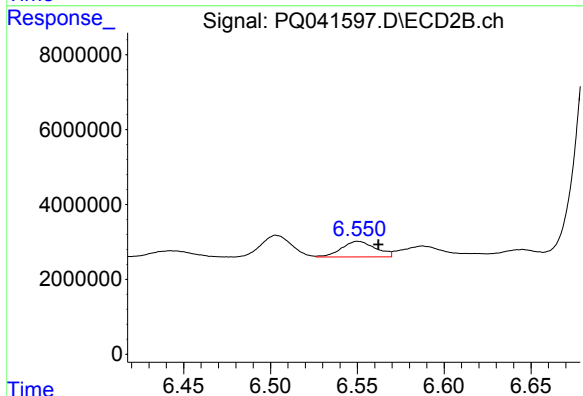
R.T.: 6.503 min
Delta R.T.: -0.010 min
Response: 7231775
Conc: 64.56 ng/ml



#23 AR-1248-3

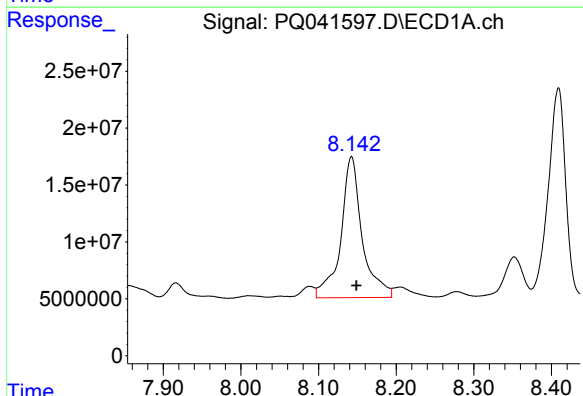
R.T.: 7.665 min
Delta R.T.: -0.035 min
Response: 55253012
Conc: 351.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



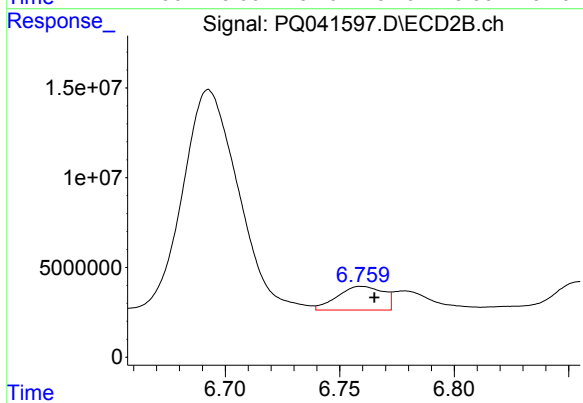
#23 AR-1248-3

R.T.: 6.550 min
Delta R.T.: -0.012 min
Response: 5713195
Conc: 49.50 ng/ml



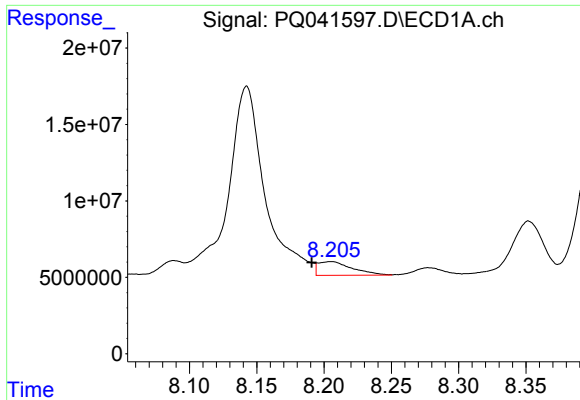
#24 AR-1248-4

R.T.: 8.142 min
Delta R.T.: -0.006 min
Response: 237166264
Conc: 1097.95 ng/ml



#24 AR-1248-4

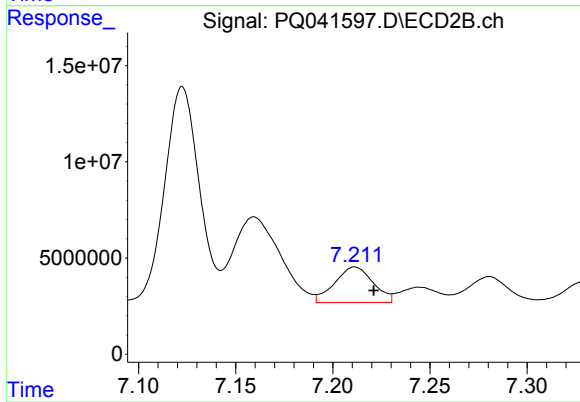
R.T.: 6.759 min
Delta R.T.: -0.006 min
Response: 18384824
Conc: 127.01 ng/ml



#25 AR-1248-5

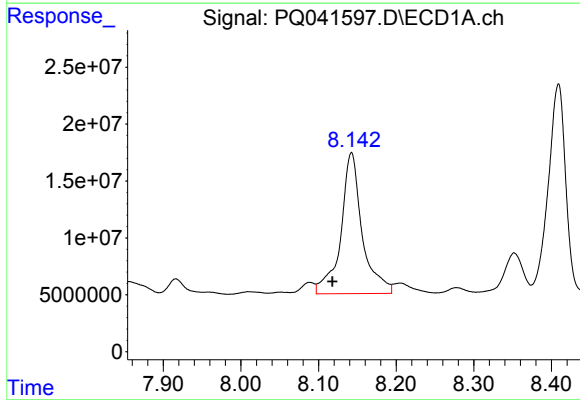
R.T.: 8.205 min
Delta R.T.: 0.015 min
Response: 15944167
Conc: 74.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



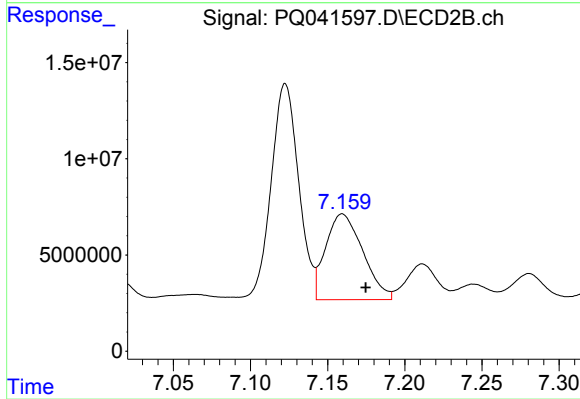
#25 AR-1248-5

R.T.: 7.211 min
Delta R.T.: -0.010 min
Response: 25466840
Conc: 151.33 ng/ml



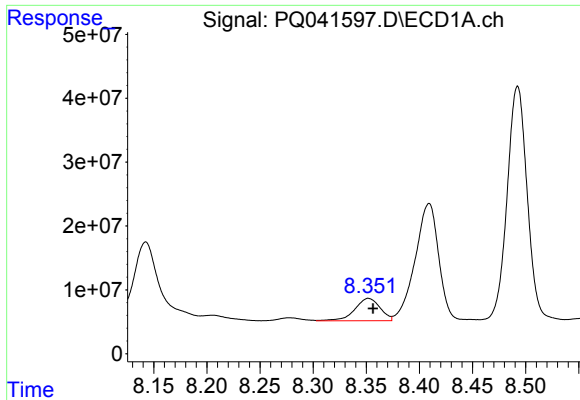
#26 AR-1254-1

R.T.: 8.142 min
Delta R.T.: 0.025 min
Response: 237166264
Conc: 1170.03 ng/ml



#26 AR-1254-1

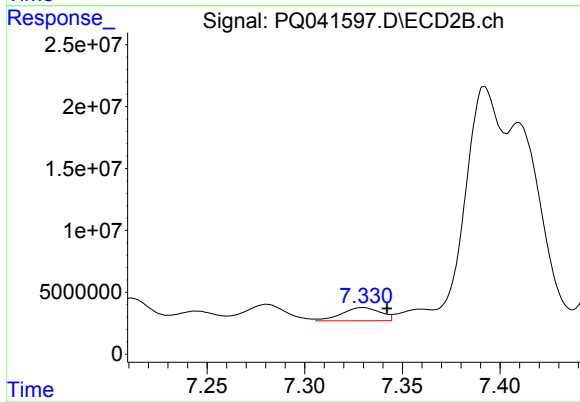
R.T.: 7.159 min
Delta R.T.: -0.015 min
Response: 74705974
Conc: 293.77 ng/ml



#27 AR-1254-2

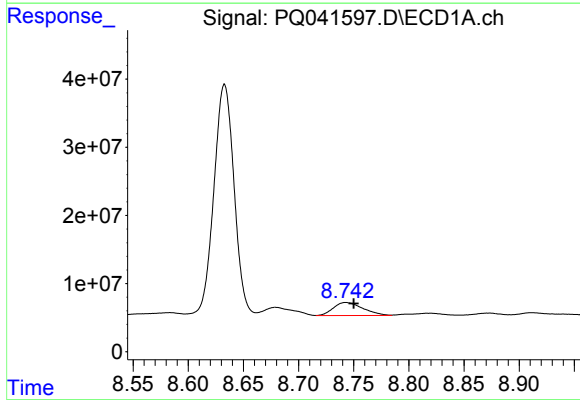
R.T.: 8.352 min
Delta R.T.: -0.004 min
Response: 57938556
Conc: 167.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



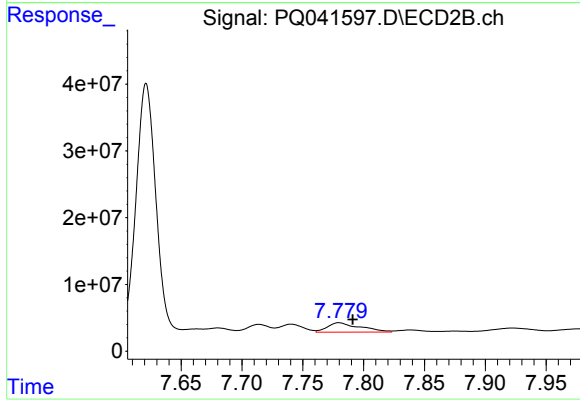
#27 AR-1254-2

R.T.: 7.330 min
Delta R.T.: -0.012 min
Response: 14756304
Conc: 64.50 ng/ml



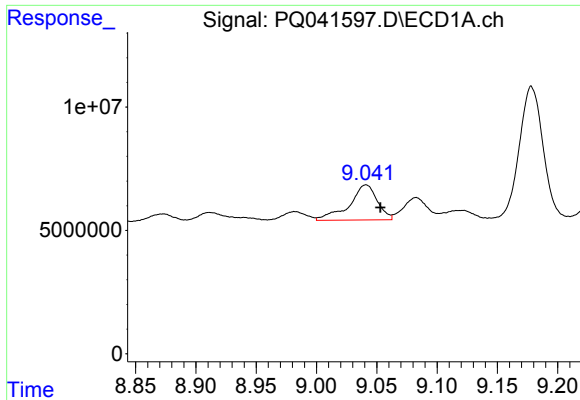
#28 AR-1254-3

R.T.: 8.743 min
Delta R.T.: -0.007 min
Response: 35438417
Conc: 85.52 ng/ml



#28 AR-1254-3

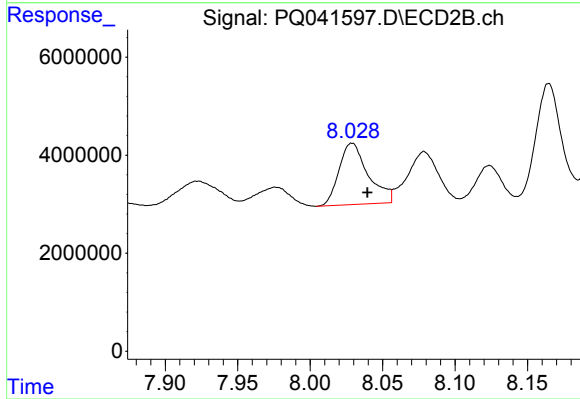
R.T.: 7.780 min
Delta R.T.: -0.011 min
Response: 26679823
Conc: 65.73 ng/ml



#29 AR-1254-4

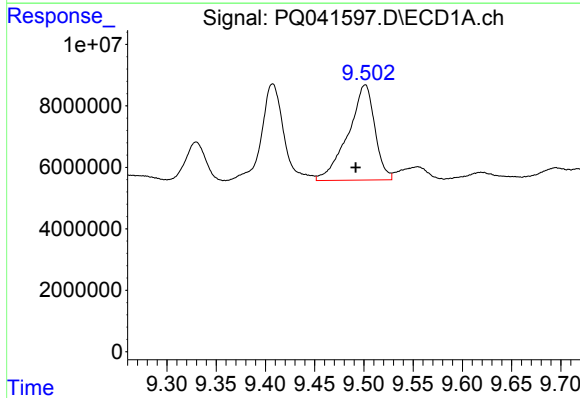
R.T.: 9.041 min
Delta R.T.: -0.012 min
Response: 23038084
Conc: 63.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



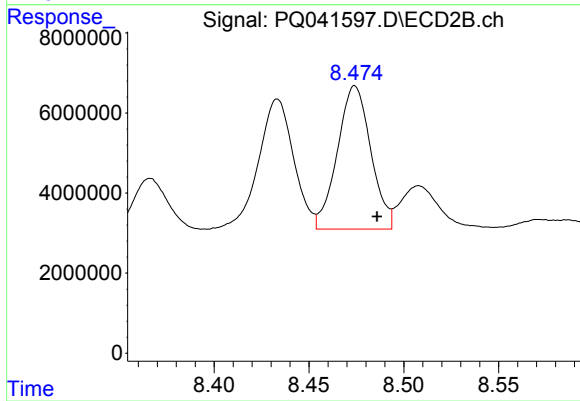
#29 AR-1254-4

R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 17564222
Conc: 64.29 ng/ml



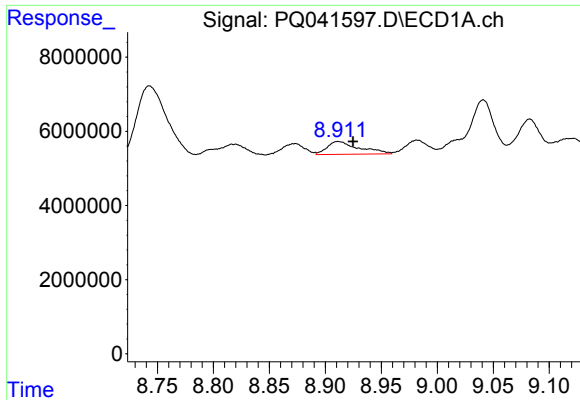
#30 AR-1254-5

R.T.: 9.501 min
Delta R.T.: 0.010 min
Response: 58375755
Conc: 145.38 ng/ml



#30 AR-1254-5

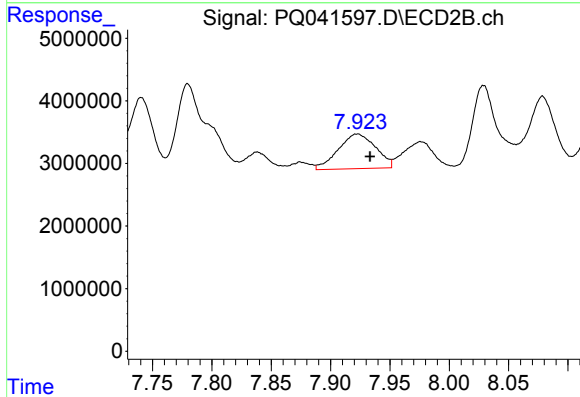
R.T.: 8.474 min
Delta R.T.: -0.012 min
Response: 44072164
Conc: 110.38 ng/ml



#31 AR-1260-1

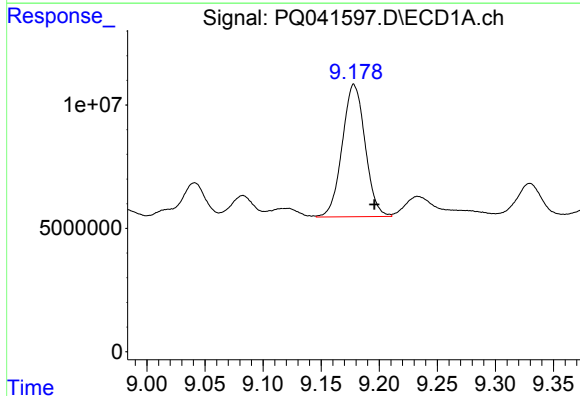
R.T.: 8.911 min
Delta R.T.: -0.013 min
Response: 6910983
Conc: 22.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



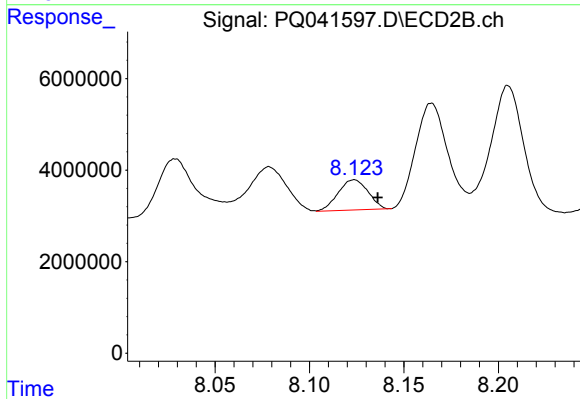
#31 AR-1260-1

R.T.: 7.923 min
Delta R.T.: -0.011 min
Response: 12164625
Conc: 45.74 ng/ml



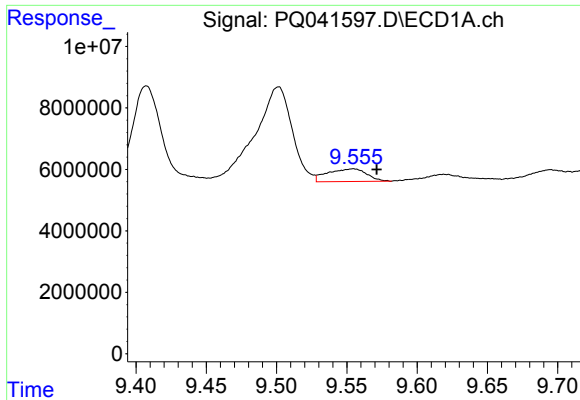
#32 AR-1260-2

R.T.: 9.178 min
Delta R.T.: -0.018 min
Response: 73548087
Conc: 160.46 ng/ml



#32 AR-1260-2

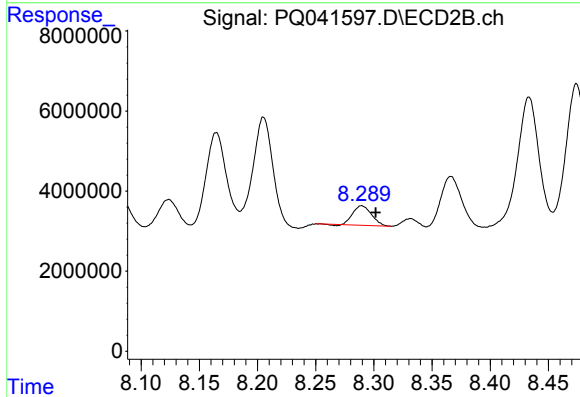
R.T.: 8.124 min
Delta R.T.: -0.012 min
Response: 7264485
Conc: 20.02 ng/ml



#33 AR-1260-3

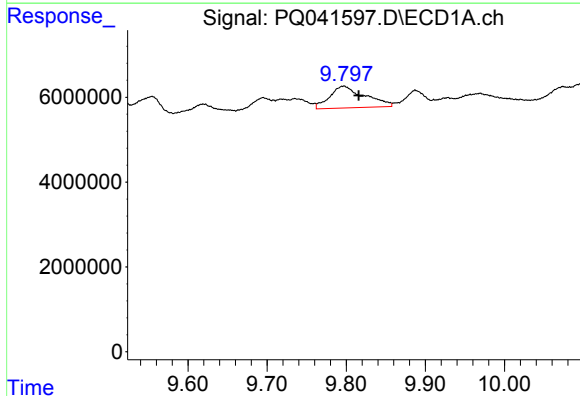
R.T.: 9.555 min
Delta R.T.: -0.017 min
Response: 7967564
Conc: 18.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



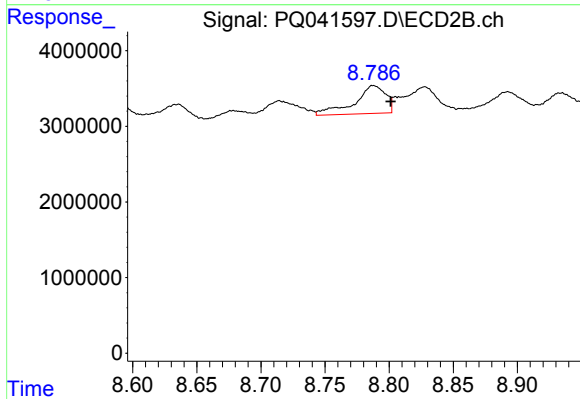
#33 AR-1260-3

R.T.: 8.290 min
Delta R.T.: -0.012 min
Response: 5441730
Conc: 17.33 ng/ml



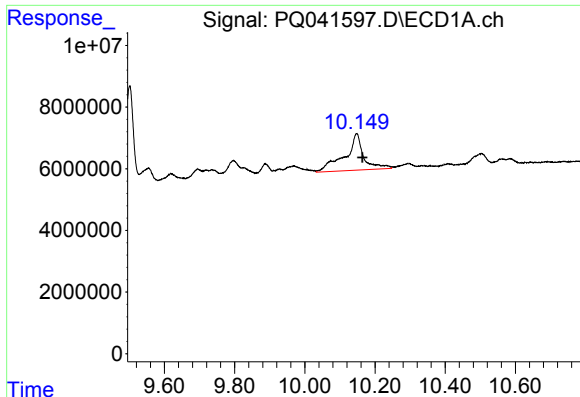
#34 AR-1260-4

R.T.: 9.797 min
Delta R.T.: -0.019 min
Response: 15838346
Conc: 37.63 ng/ml



#34 AR-1260-4

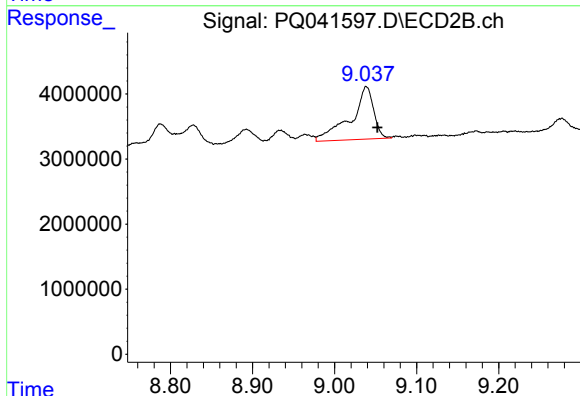
R.T.: 8.788 min
Delta R.T.: -0.013 min
Response: 6278129
Conc: 22.05 ng/ml



#35 AR-1260-5

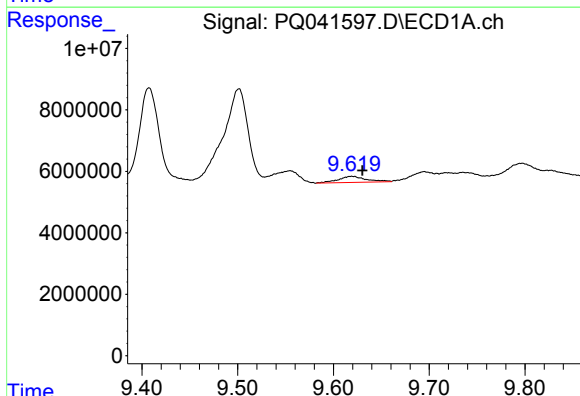
R.T.: 10.148 min
Delta R.T.: -0.017 min
Response: 44153512
Conc: 41.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



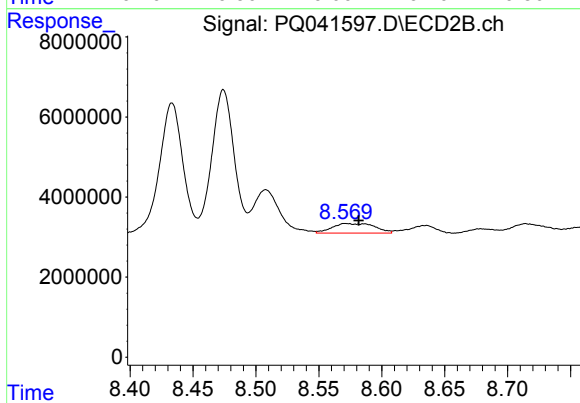
#35 AR-1260-5

R.T.: 9.039 min
Delta R.T.: -0.013 min
Response: 15690605
Conc: 21.10 ng/ml



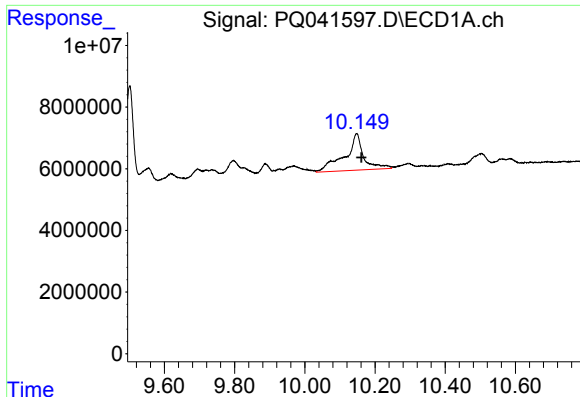
#36 AR-1262-1

R.T.: 9.619 min
Delta R.T.: -0.011 min
Response: 4015792
Conc: 16.36 ng/ml



#36 AR-1262-1

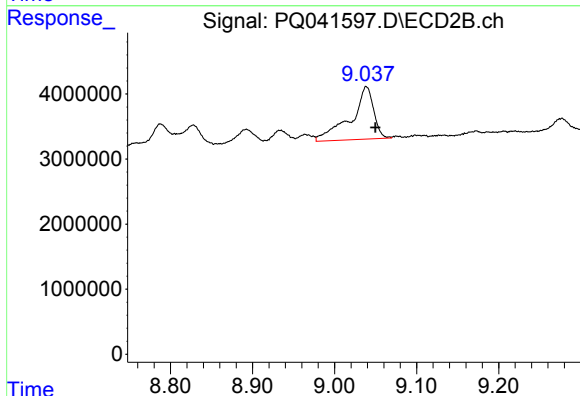
R.T.: 8.571 min
Delta R.T.: -0.011 min
Response: 5682181
Conc: 29.54 ng/ml



#37 AR-1262-2

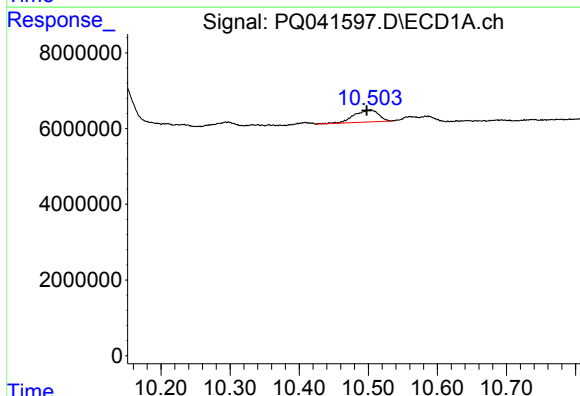
R.T.: 10.148 min
Delta R.T.: -0.013 min
Response: 44153512
Conc: 36.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



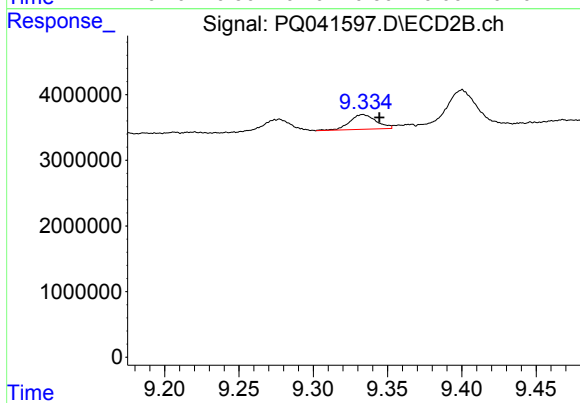
#37 AR-1262-2

R.T.: 9.039 min
Delta R.T.: -0.011 min
Response: 15690605
Conc: 18.68 ng/ml



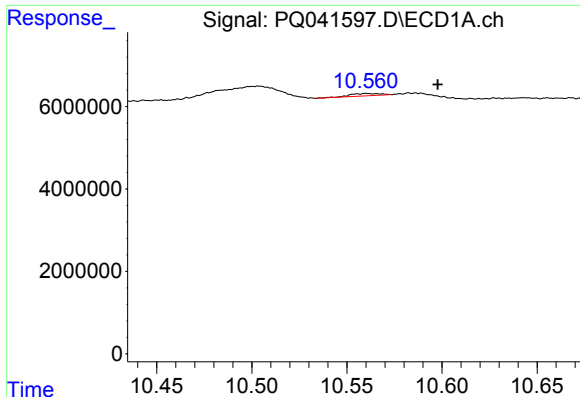
#38 AR-1262-3

R.T.: 10.504 min
Delta R.T.: 0.006 min
Response: 7837931
Conc: 9.40 ng/ml



#38 AR-1262-3

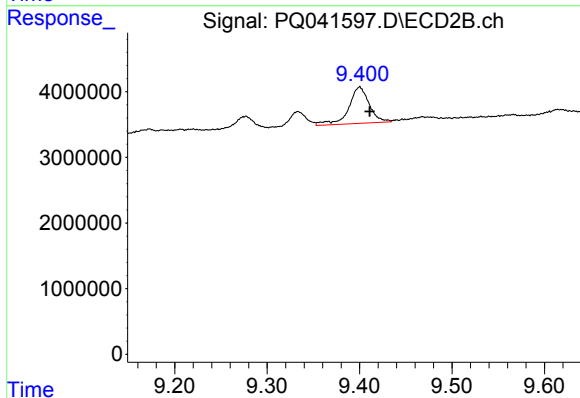
R.T.: 9.333 min
Delta R.T.: -0.011 min
Response: 2794490
Conc: 7.95 ng/ml



#39 AR-1262-4

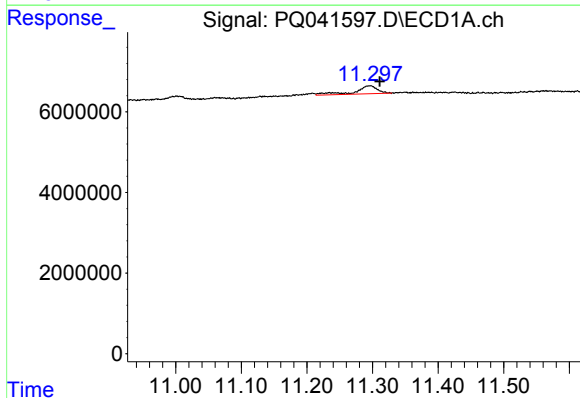
R.T.: 10.561 min
Delta R.T.: -0.037 min
Response: 649765
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



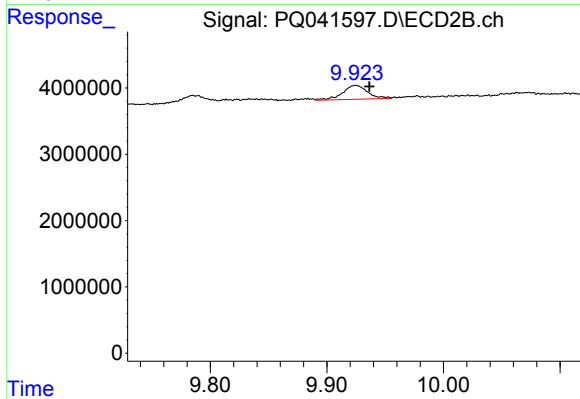
#39 AR-1262-4

R.T.: 9.400 min
Delta R.T.: -0.011 min
Response: 8601986
Conc: 14.64 ng/ml



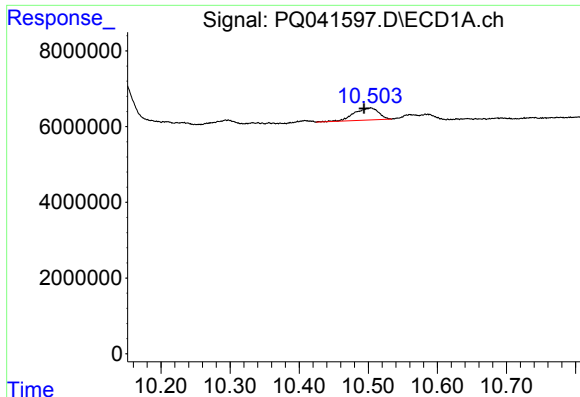
#40 AR-1262-5

R.T.: 11.297 min
Delta R.T.: -0.014 min
Response: 4785519
Conc: 10.47 ng/ml



#40 AR-1262-5

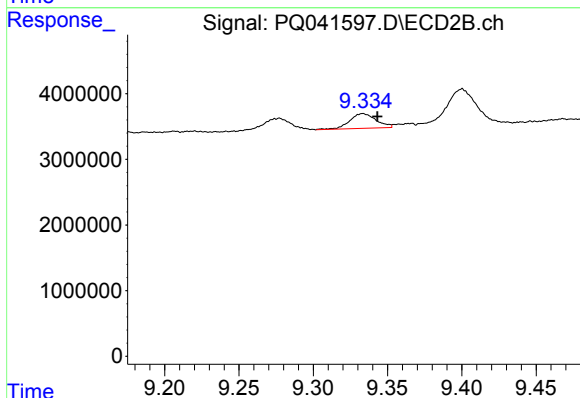
R.T.: 9.925 min
Delta R.T.: -0.012 min
Response: 3108367
Conc: 12.95 ng/ml



#41 AR-1268-1

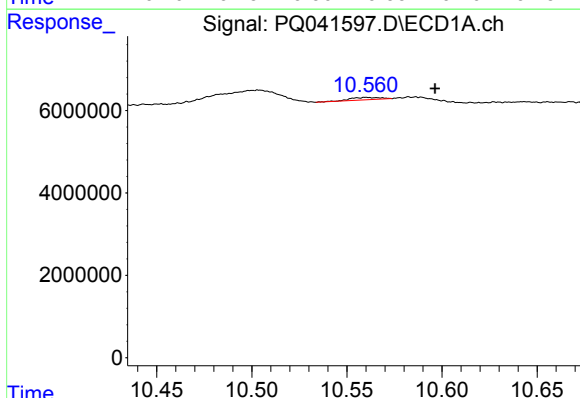
R.T.: 10.504 min
Delta R.T.: 0.010 min
Response: 7837931
Conc: 4.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



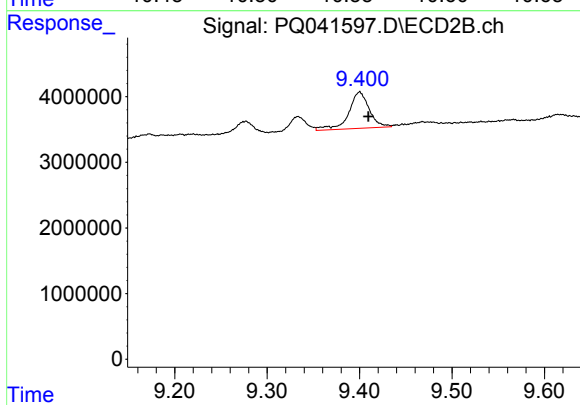
#41 AR-1268-1

R.T.: 9.333 min
Delta R.T.: -0.010 min
Response: 2794490
Conc: 2.45 ng/ml



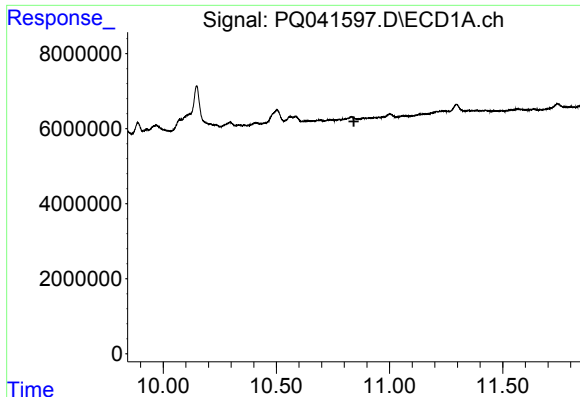
#42 AR-1268-2

R.T.: 10.561 min
Delta R.T.: -0.036 min
Response: 649765
Conc: 0.41 ng/ml



#42 AR-1268-2

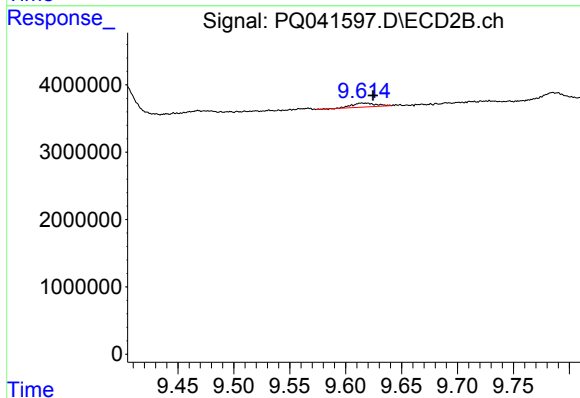
R.T.: 9.400 min
Delta R.T.: -0.009 min
Response: 8601986
Conc: 8.85 ng/ml



#43 AR-1268-3

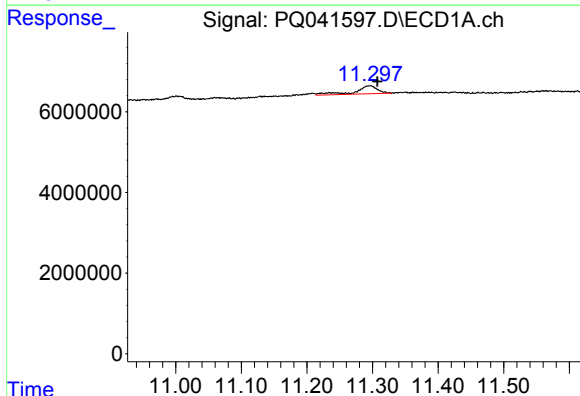
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



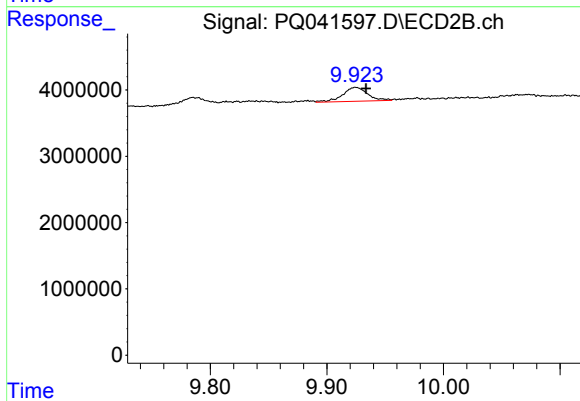
#43 AR-1268-3

R.T.: 9.615 min
Delta R.T.: -0.010 min
Response: 867093
Conc: 1.09 ng/ml



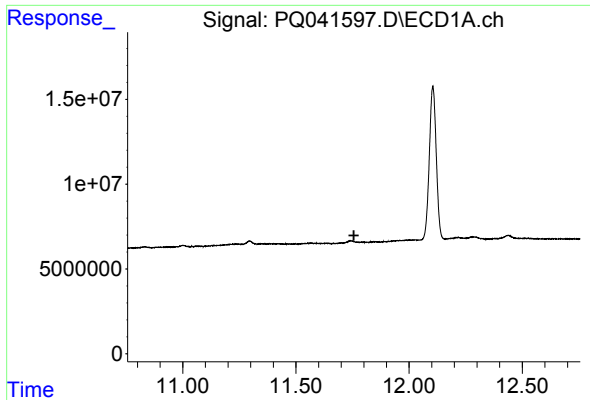
#44 AR-1268-4

R.T.: 11.297 min
Delta R.T.: -0.011 min
Response: 4785519
Conc: 8.43 ng/ml



#44 AR-1268-4

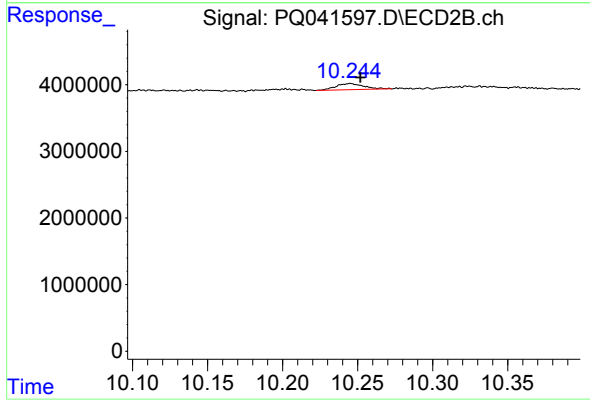
R.T.: 9.925 min
Delta R.T.: -0.009 min
Response: 3108367
Conc: 10.13 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.756 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.245 min
Delta R.T.: -0.007 min
Response: 1200124
Conc: 0.61 ng/ml