

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 00:40
 Operator : SM\AJ
 Sample : K3998-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 04:25:08 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...	5.701	4.758	49445420	42543120	12.916	14.152
2)	SA Decachlor...	12.102	10.518	170.4E6	94030571	16.476	20.636 #
Target Compounds							
3)	L1 AR-1016-1	7.165	6.235	2829642	1549161	16.213	10.588 #
4)	L1 AR-1016-2	7.165	6.235	2829642	1549161	10.730	7.443 #
5)	L1 AR-1016-3	7.324	6.444	15396458	1870916	95.173	16.571 #
6)	L1 AR-1016-4	7.324	6.505	15396458	4711574	114.243	51.682 #
7)	L1 AR-1016-5	7.666	6.760	33062858	10475071	248.462	87.161 #
10)	L2 AR-1221-3	0.000	5.356	0	29560822	N.D.	279.022 #
11)	L3 AR-1232-1	0.000	5.356	0	29560822	N.D.	389.660 #
12)	L3 AR-1232-2	0.000	6.235	0	1549161	N.D.	16.583 #
13)	L3 AR-1232-3	7.165	6.444	2829642	1870916	25.001	38.870 #
14)	L3 AR-1232-4	7.324	6.551	15396458	3660076	260.480	84.892 #
15)	L3 AR-1232-5	7.460	6.760	4700040	10475071	127.355	216.554 #
16)	L4 AR-1242-1	7.165	6.235	2829642	1549161	22.590	14.679 #
17)	L4 AR-1242-2	7.165	6.235	2829642	1549161	14.859	9.990 #
18)	L4 AR-1242-3	7.324	6.444	15396458	1870916	130.220	22.419 #
19)	L4 AR-1242-4	7.324	6.551	15396458	3660076	157.078	44.937 #
20)	L4 AR-1242-5	8.205	7.160	11327718	47139933	85.443	377.634 #
21)	L5 AR-1248-1	7.165	6.209	2829642	3876882	30.506	48.269 #
22)	L5 AR-1248-2	7.460	6.505	4700040	4711574	38.194	42.062
23)	L5 AR-1248-3	7.666	6.551	33062858	3660076	210.544	31.709 #
24)	L5 AR-1248-4	8.141	6.760	160.5E6	10475071	742.921	72.364 #
25)	L5 AR-1248-5	8.205	7.212	11327718	17152115	53.192	101.925 #
26)	L6 AR-1254-1	8.141	7.160	160.5E6	47139933	791.694	185.368 #
27)	L6 AR-1254-2	8.351	7.330	41621721	9564219	120.505	41.804 #
28)	L6 AR-1254-3	8.742	7.780	27111586	15649256	65.426	38.555 #
29)	L6 AR-1254-4	9.039	8.029	17884451	13541427	49.415	49.568
30)	L6 AR-1254-5	9.500	8.474	40439417	31611882	100.713	79.174
31)	L7 AR-1260-1	8.911	7.921	6772505	7302143	22.417	27.456
32)	L7 AR-1260-2	9.177	8.124	55245839	5337002	120.527	14.709 #
33)	L7 AR-1260-3	9.552	8.289	5430268	4019892	12.789	12.801
34)	L7 AR-1260-4	0.000	8.788	0	4259483	N.D.	14.962 #
35)	L7 AR-1260-5	10.148	9.038	11632286	8322860	10.886	11.193
36)	L8 AR-1262-1	9.691	8.569	3153520	4109751	12.844	21.367 #
37)	L8 AR-1262-2	10.148	9.038	11632286	8322860	9.578	9.906
38)	L8 AR-1262-3	10.504	9.332	9174026	2418067	11.008	6.875 #
39)	L8 AR-1262-4	10.588	9.398	9447041	6425929	14.501	10.934
40)	L8 AR-1262-5	11.290	9.922	21057690	2554756	46.066	10.647 #
41)	L9 AR-1268-1	10.504	9.332	9174026	2418067	5.084	2.116 #
42)	L9 AR-1268-2	10.588	9.398	9447041	6425929	5.921	6.613
43)	L9 AR-1268-3	10.814	9.613	29799336	934338	21.198	1.170 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 00:40
 Operator : SM\AJ
 Sample : K3998-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 04:25:08 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
44) L9	AR-1268-4	11.290	9.922	21057690	2554756	37.097	8.325 #
45) L9	AR-1268-5	0.000	10.243	0	1005115	N.D.	0.509 #

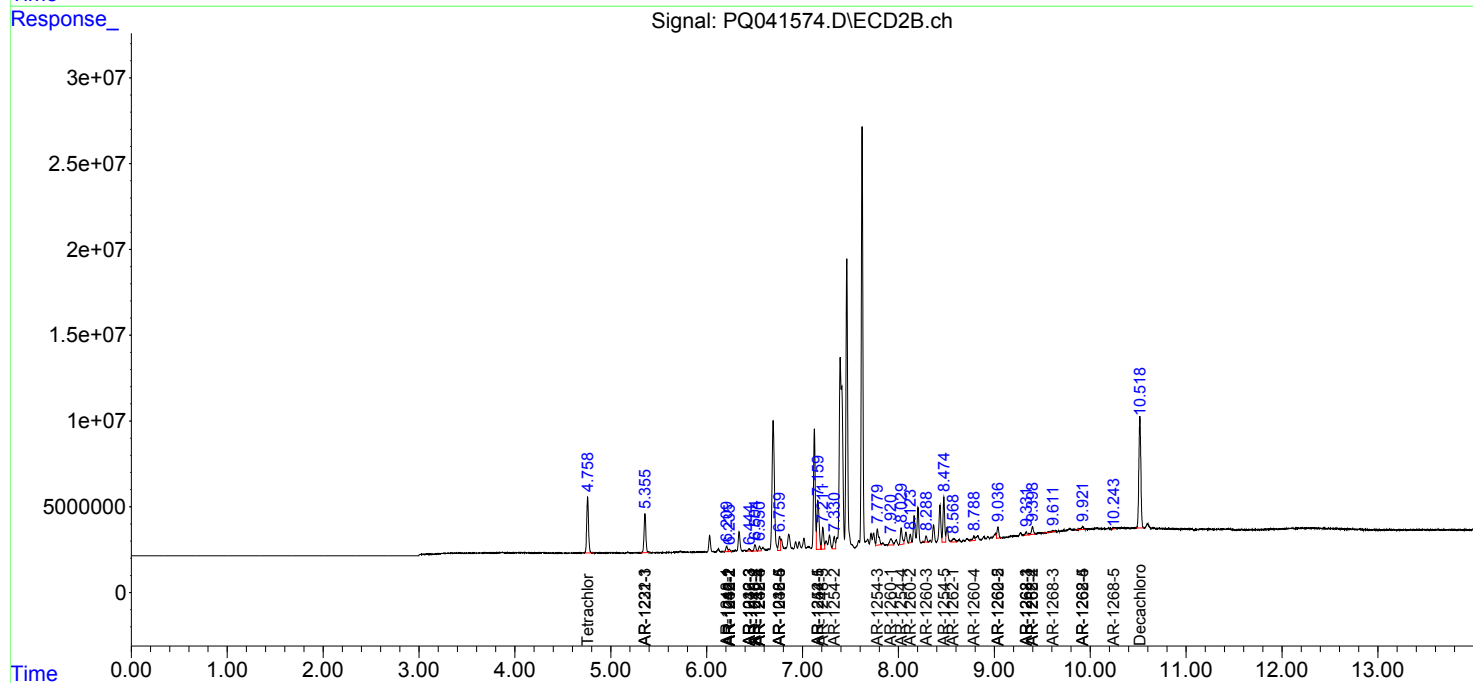
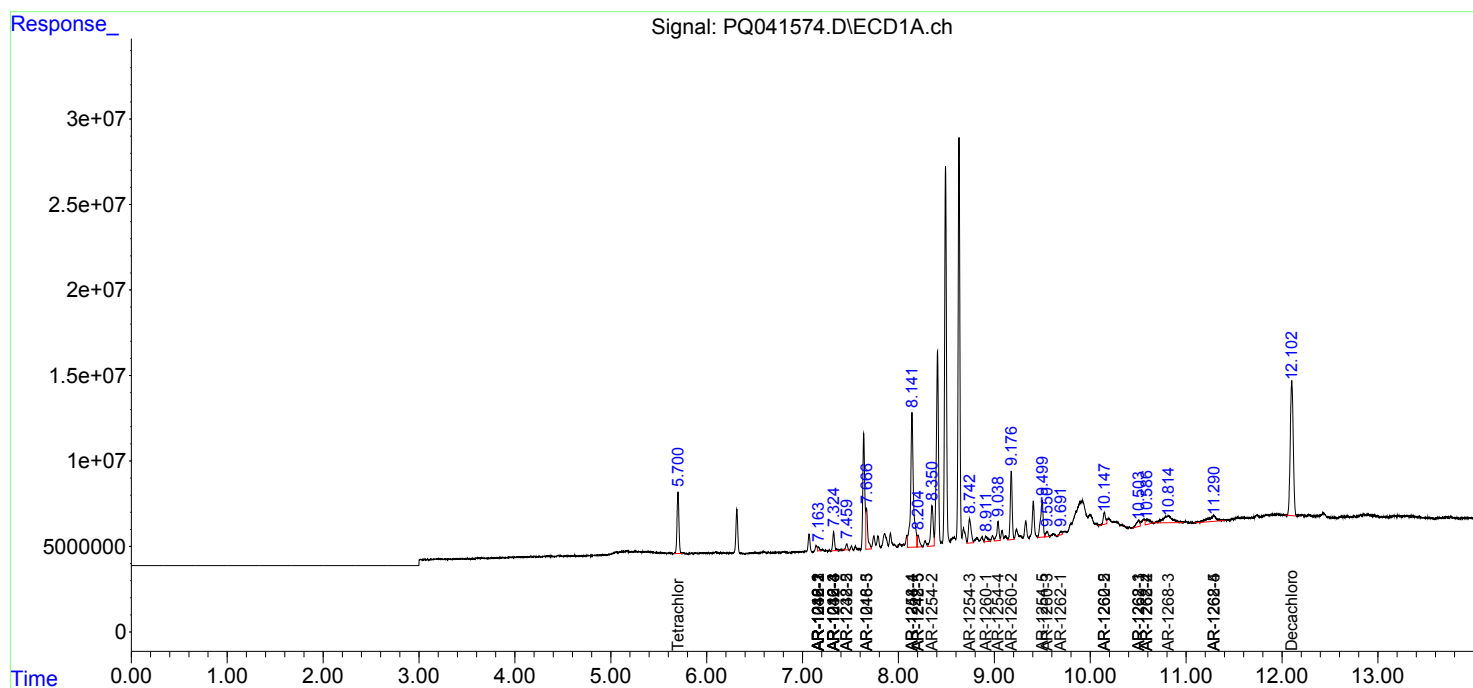
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

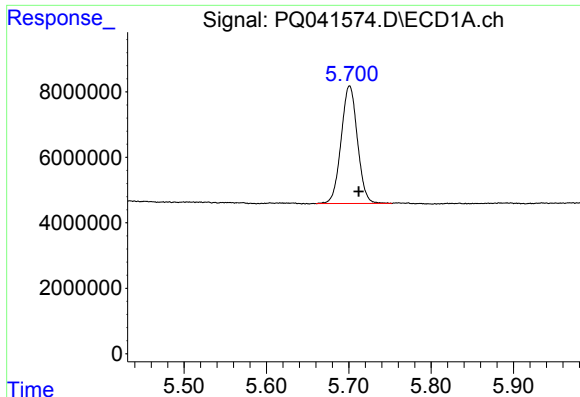
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
Data File : PQ041574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 00:40
Operator : SM\AJ
Sample : K3998-19
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 04:25:08 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

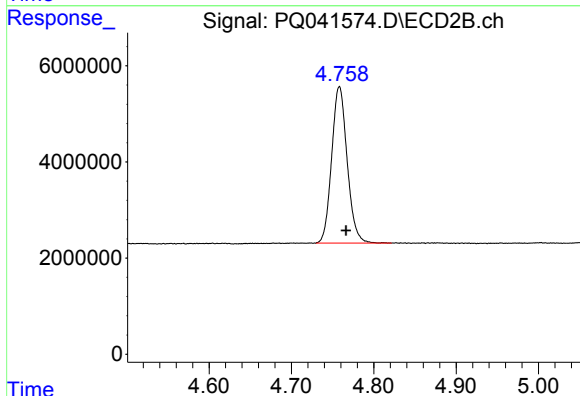




#1 Tetrachloro-m-xylene

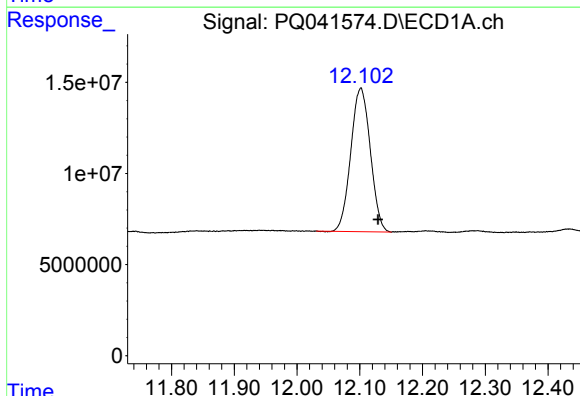
R.T.: 5.701 min
Delta R.T.: -0.011 min
Response: 49445420
Conc: 12.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



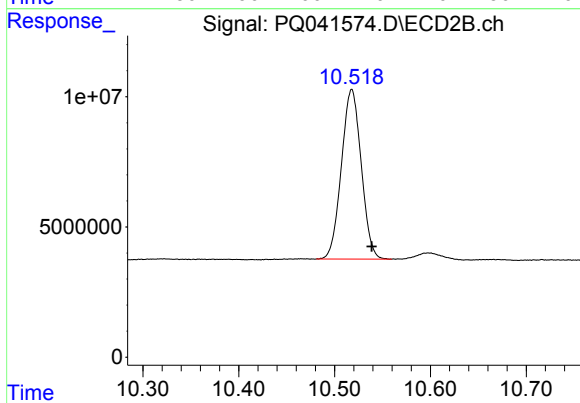
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: -0.008 min
Response: 42543120
Conc: 14.15 ng/ml



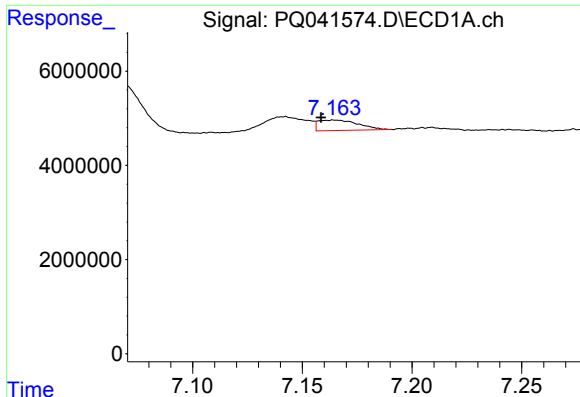
#2 Decachlorobiphenyl

R.T.: 12.102 min
Delta R.T.: -0.028 min
Response: 170421186
Conc: 16.48 ng/ml



#2 Decachlorobiphenyl

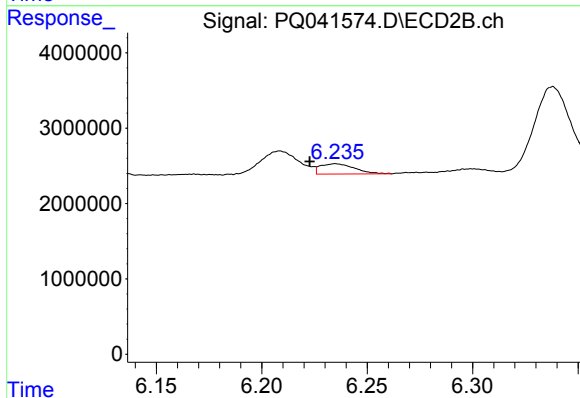
R.T.: 10.518 min
Delta R.T.: -0.021 min
Response: 94030571
Conc: 20.64 ng/ml



#3 AR-1016-1

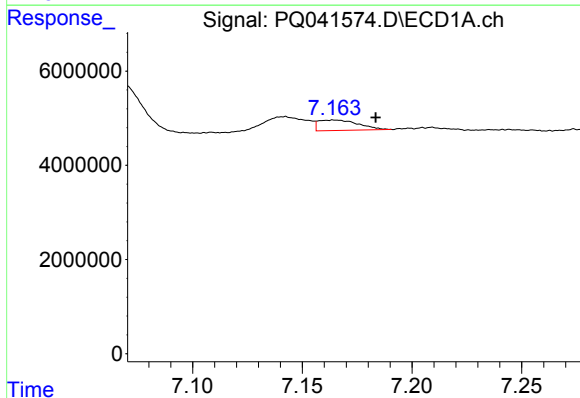
R.T.: 7.165 min
Delta R.T.: 0.006 min
Response: 2829642
Conc: 16.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



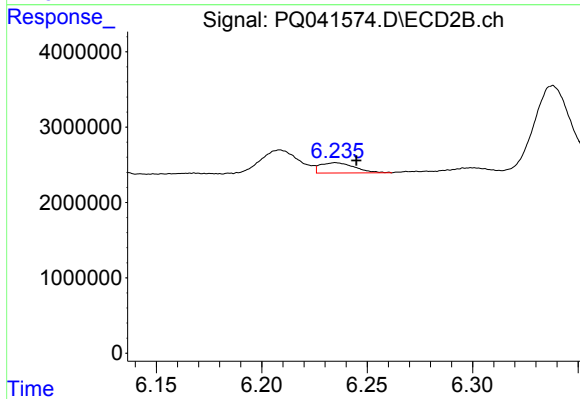
#3 AR-1016-1

R.T.: 6.235 min
Delta R.T.: 0.012 min
Response: 1549161
Conc: 10.59 ng/ml



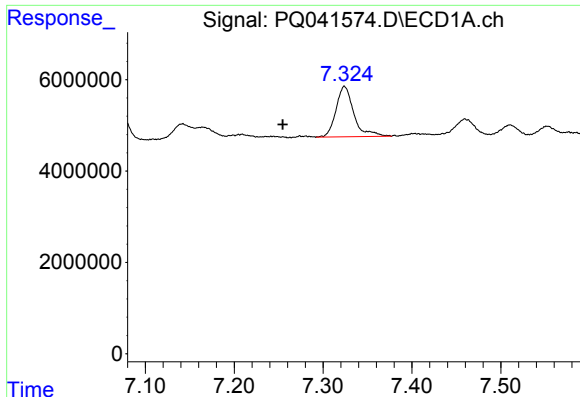
#4 AR-1016-2

R.T.: 7.165 min
Delta R.T.: -0.019 min
Response: 2829642
Conc: 10.73 ng/ml



#4 AR-1016-2

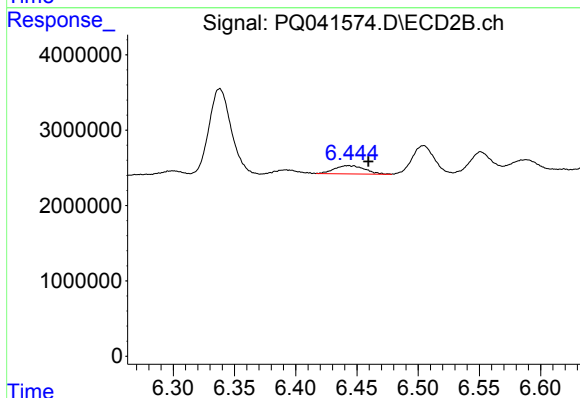
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 1549161
Conc: 7.44 ng/ml



#5 AR-1016-3

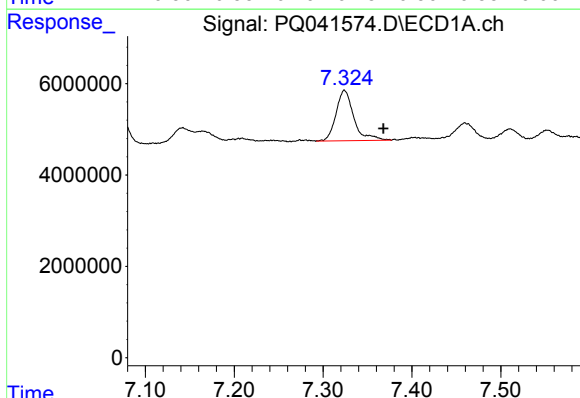
R.T.: 7.324 min
Delta R.T.: 0.070 min
Response: 15396458
Conc: 95.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



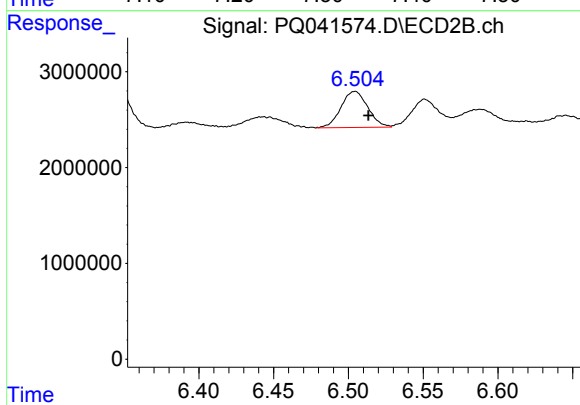
#5 AR-1016-3

R.T.: 6.444 min
Delta R.T.: -0.016 min
Response: 1870916
Conc: 16.57 ng/ml



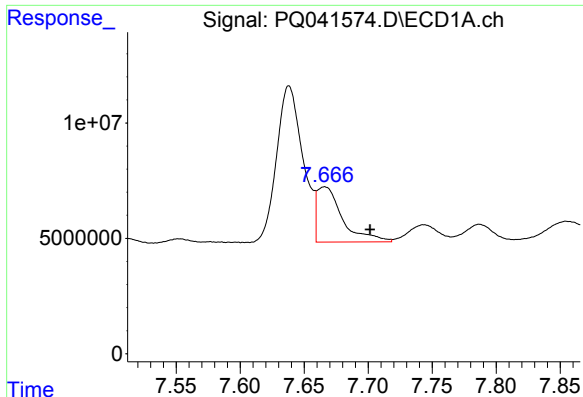
#6 AR-1016-4

R.T.: 7.324 min
Delta R.T.: -0.044 min
Response: 15396458
Conc: 114.24 ng/ml



#6 AR-1016-4

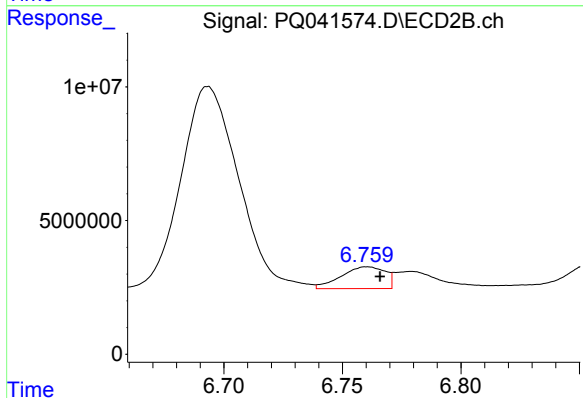
R.T.: 6.505 min
Delta R.T.: -0.009 min
Response: 4711574
Conc: 51.68 ng/ml



#7 AR-1016-5

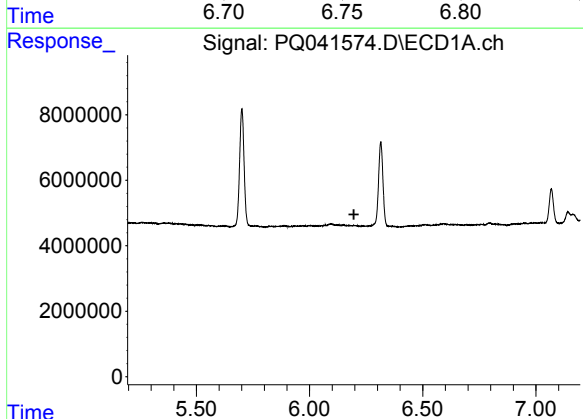
R.T.: 7.666 min
Delta R.T.: -0.036 min
Response: 33062858
Conc: 248.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



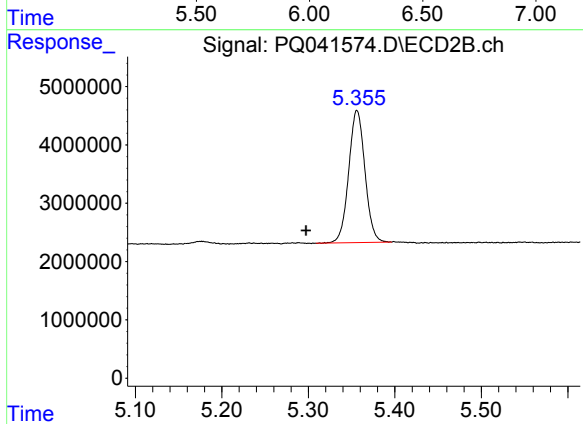
#7 AR-1016-5

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 10475071
Conc: 87.16 ng/ml



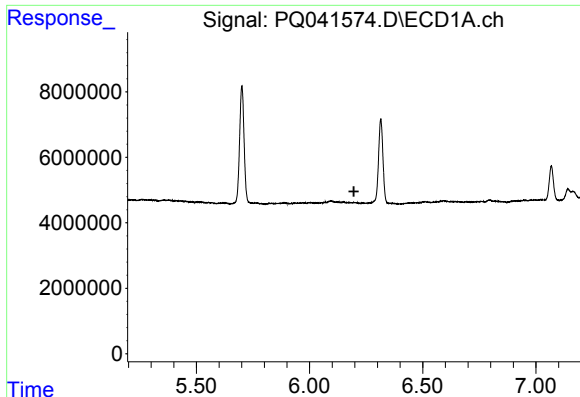
#10 AR-1221-3

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



#10 AR-1221-3

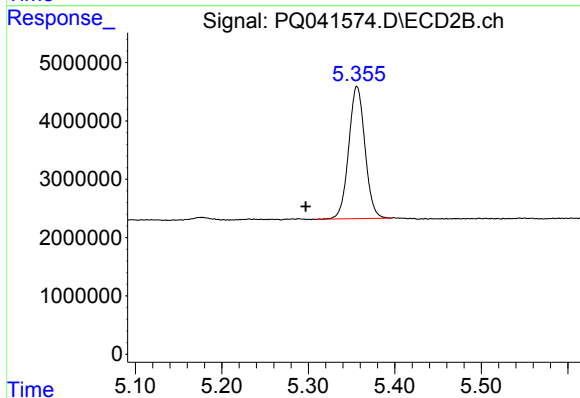
R.T.: 5.356 min
Delta R.T.: 0.059 min
Response: 29560822
Conc: 279.02 ng/ml



#11 AR-1232-1

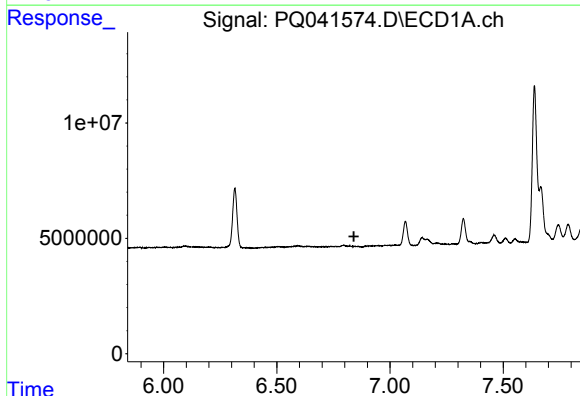
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



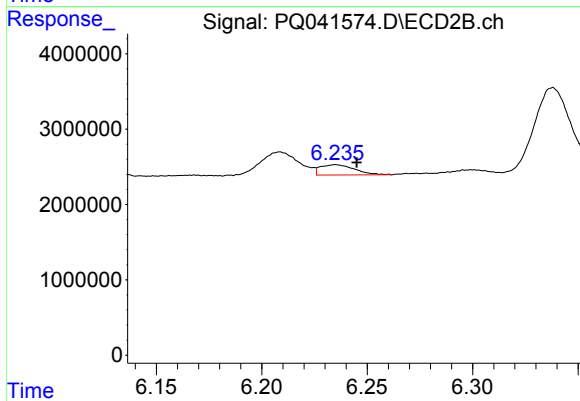
#11 AR-1232-1

R.T.: 5.356 min
Delta R.T.: 0.059 min
Response: 29560822
Conc: 389.66 ng/ml



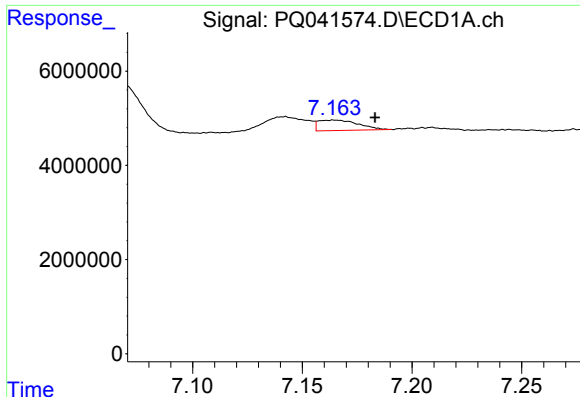
#12 AR-1232-2

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



#12 AR-1232-2

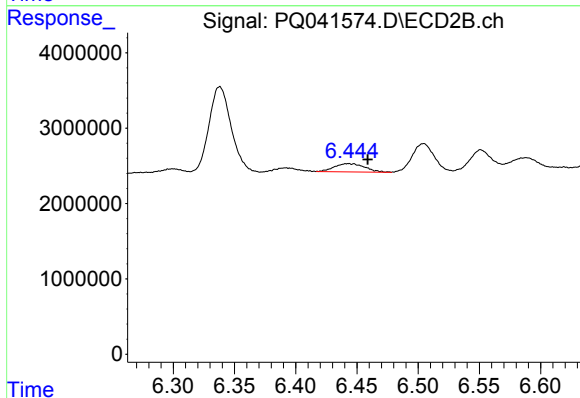
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 1549161
Conc: 16.58 ng/ml



#13 AR-1232-3

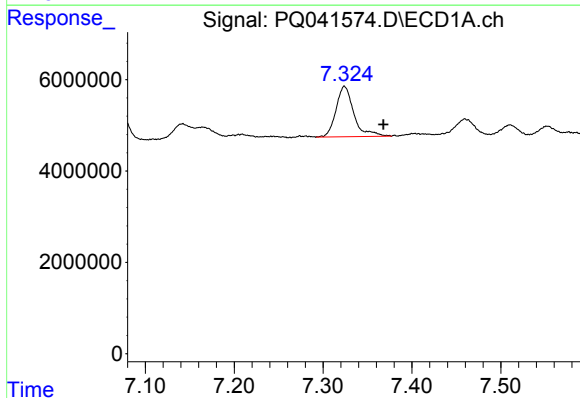
R.T.: 7.165 min
Delta R.T.: -0.019 min
Response: 2829642
Conc: 25.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



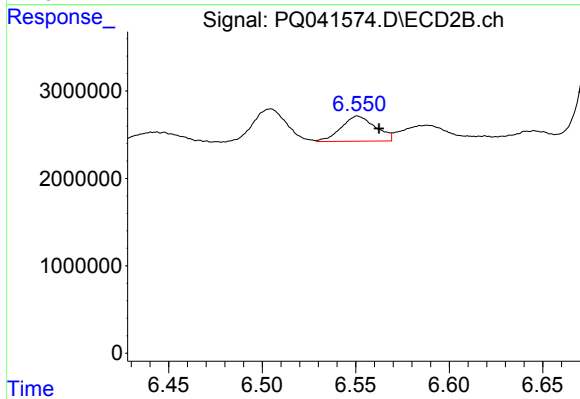
#13 AR-1232-3

R.T.: 6.444 min
Delta R.T.: -0.015 min
Response: 1870916
Conc: 38.87 ng/ml



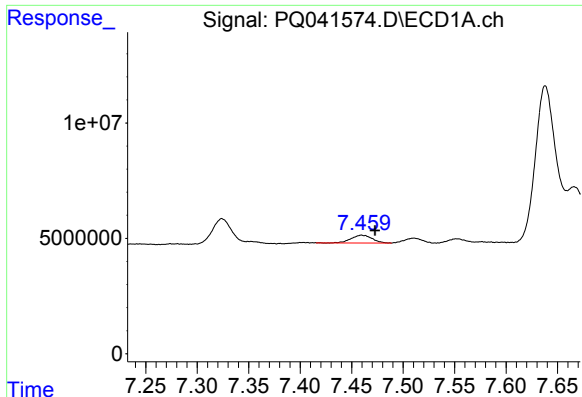
#14 AR-1232-4

R.T.: 7.324 min
Delta R.T.: -0.044 min
Response: 15396458
Conc: 260.48 ng/ml



#14 AR-1232-4

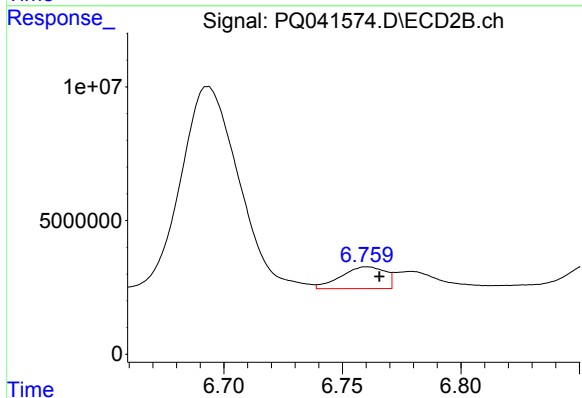
R.T.: 6.551 min
Delta R.T.: -0.011 min
Response: 3660076
Conc: 84.89 ng/ml



#15 AR-1232-5

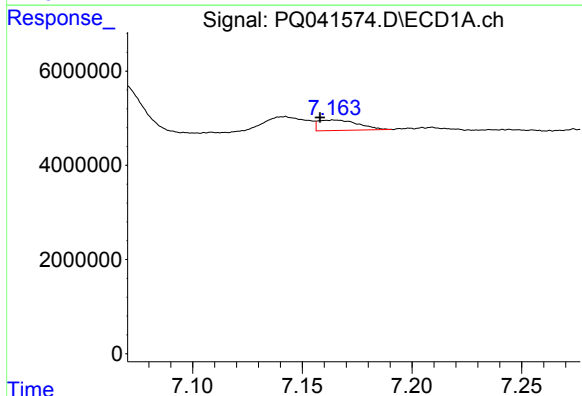
R.T.: 7.460 min
Delta R.T.: -0.013 min
Response: 4700040
Conc: 127.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



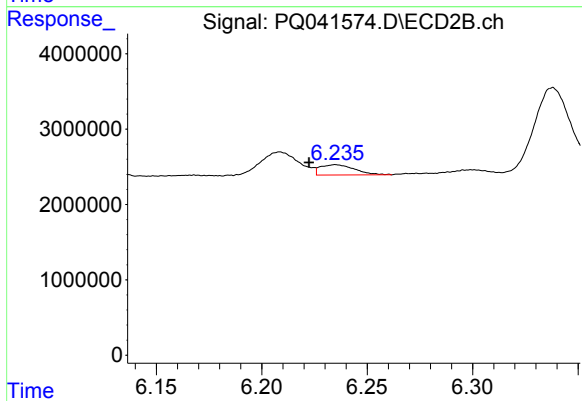
#15 AR-1232-5

R.T.: 6.760 min
Delta R.T.: -0.005 min
Response: 10475071
Conc: 216.55 ng/ml



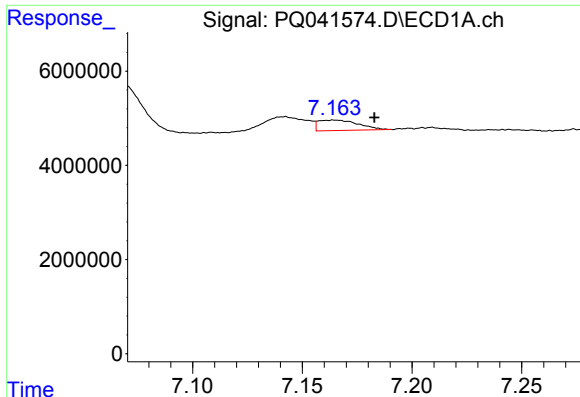
#16 AR-1242-1

R.T.: 7.165 min
Delta R.T.: 0.006 min
Response: 2829642
Conc: 22.59 ng/ml



#16 AR-1242-1

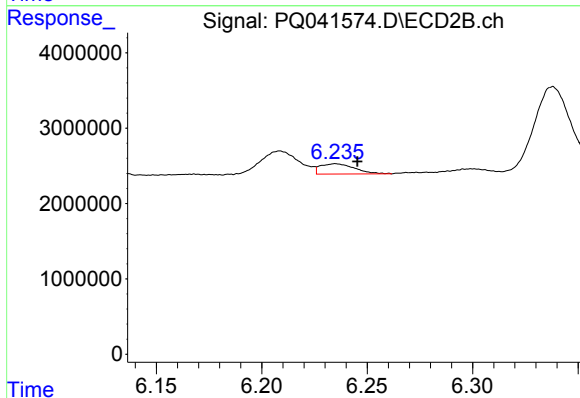
R.T.: 6.235 min
Delta R.T.: 0.013 min
Response: 1549161
Conc: 14.68 ng/ml



#17 AR-1242-2

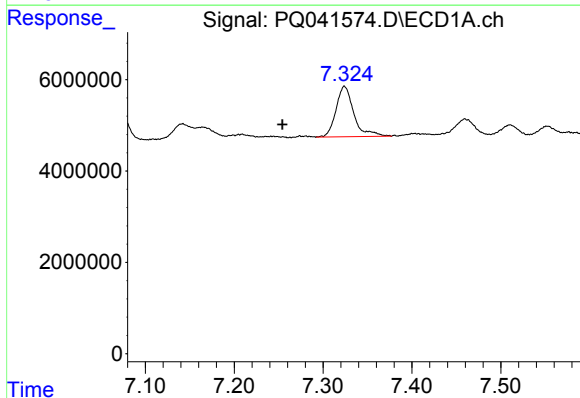
R.T.: 7.165 min
Delta R.T.: -0.018 min
Response: 2829642
Conc: 14.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



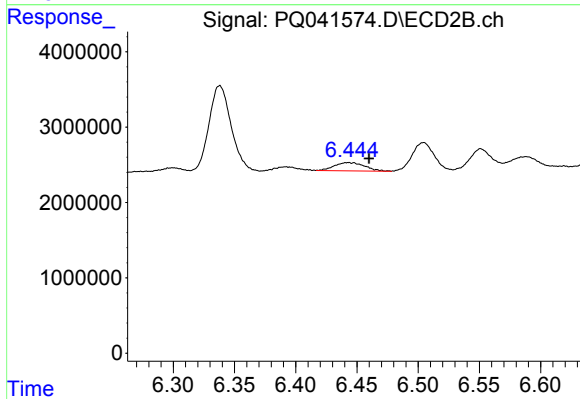
#17 AR-1242-2

R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 1549161
Conc: 9.99 ng/ml



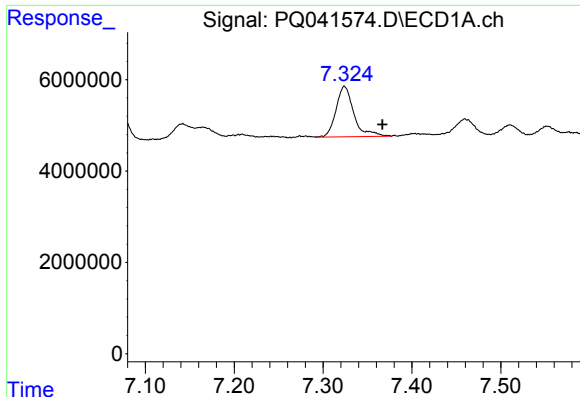
#18 AR-1242-3

R.T.: 7.324 min
Delta R.T.: 0.070 min
Response: 15396458
Conc: 130.22 ng/ml



#18 AR-1242-3

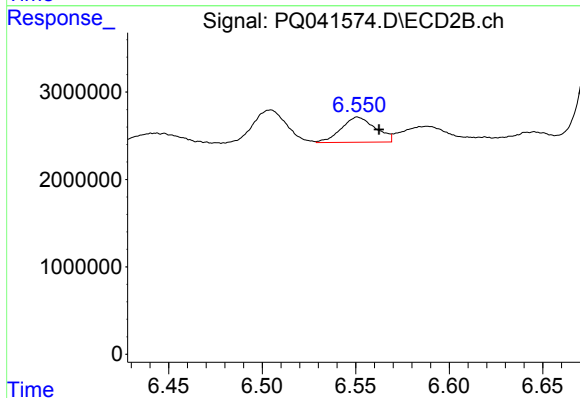
R.T.: 6.444 min
Delta R.T.: -0.016 min
Response: 1870916
Conc: 22.42 ng/ml



#19 AR-1242-4

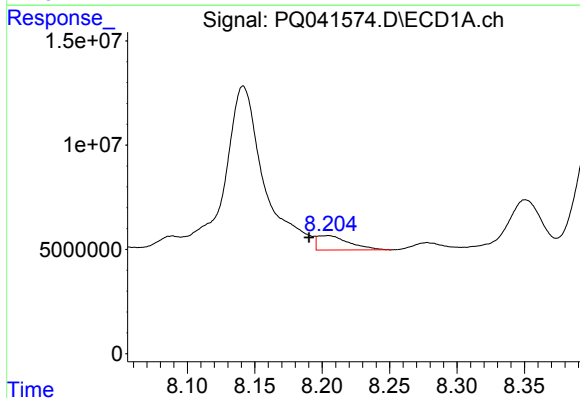
R.T.: 7.324 min
Delta R.T.: -0.043 min
Response: 15396458
Conc: 157.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



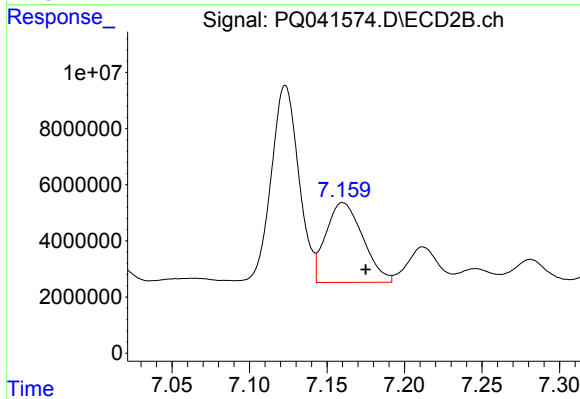
#19 AR-1242-4

R.T.: 6.551 min
Delta R.T.: -0.011 min
Response: 3660076
Conc: 44.94 ng/ml



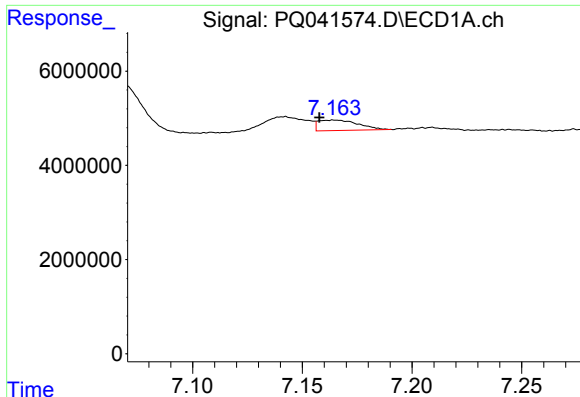
#20 AR-1242-5

R.T.: 8.205 min
Delta R.T.: 0.014 min
Response: 11327718
Conc: 85.44 ng/ml



#20 AR-1242-5

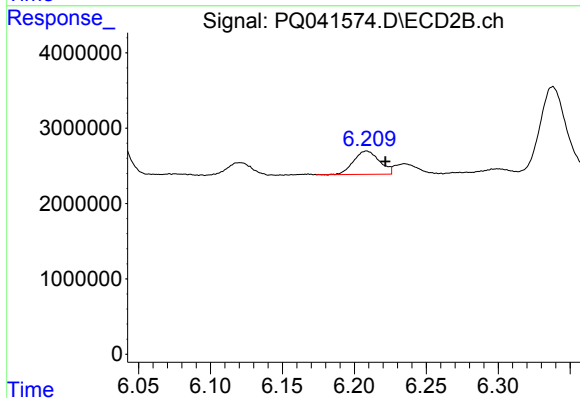
R.T.: 7.160 min
Delta R.T.: -0.015 min
Response: 47139933
Conc: 377.63 ng/ml



#21 AR-1248-1

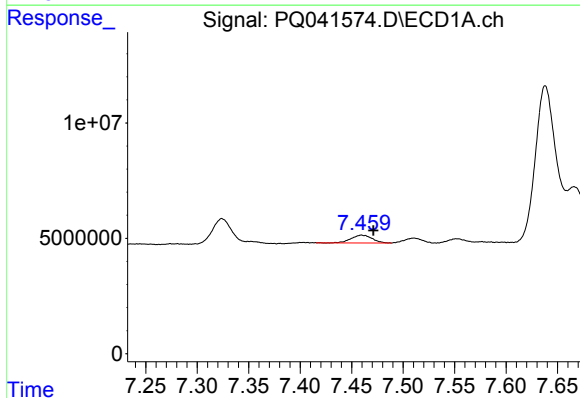
R.T.: 7.165 min
Delta R.T.: 0.007 min
Response: 2829642
Conc: 30.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



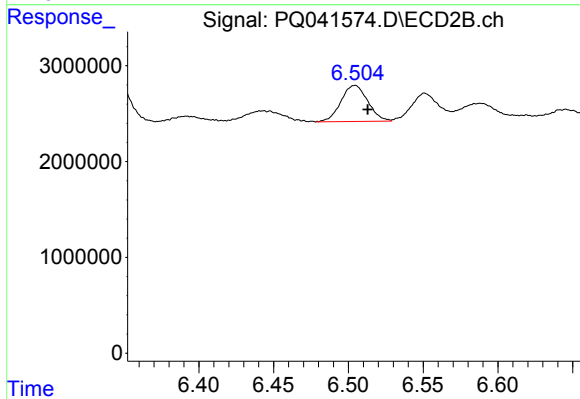
#21 AR-1248-1

R.T.: 6.209 min
Delta R.T.: -0.013 min
Response: 3876882
Conc: 48.27 ng/ml



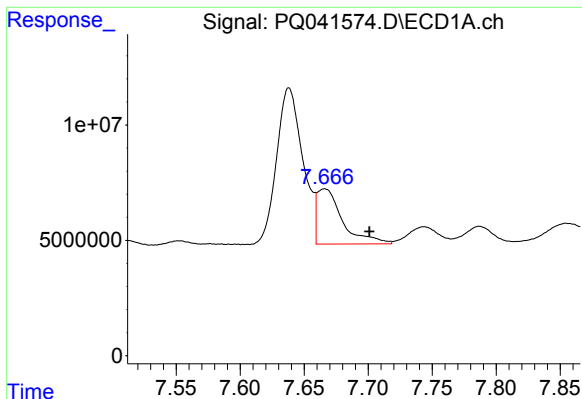
#22 AR-1248-2

R.T.: 7.460 min
Delta R.T.: -0.012 min
Response: 4700040
Conc: 38.19 ng/ml



#22 AR-1248-2

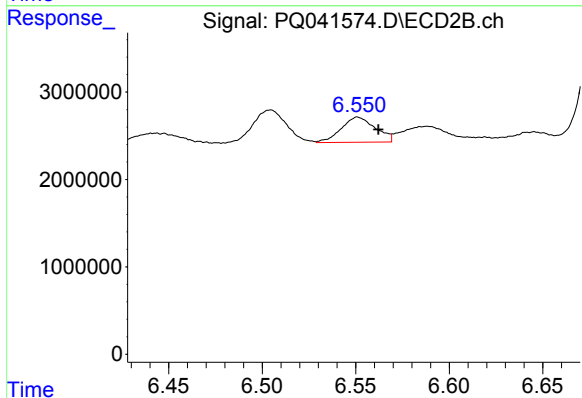
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 4711574
Conc: 42.06 ng/ml



#23 AR-1248-3

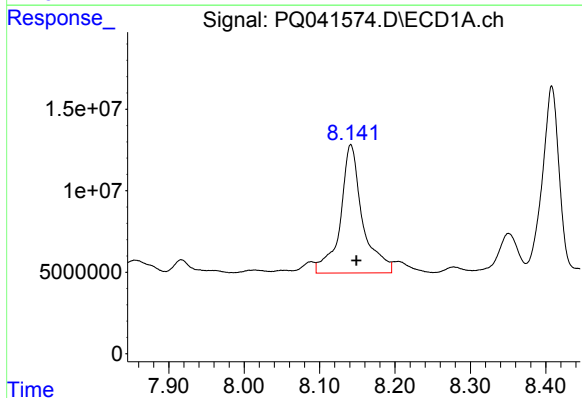
R.T.: 7.666 min
Delta R.T.: -0.035 min
Response: 33062858
Conc: 210.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



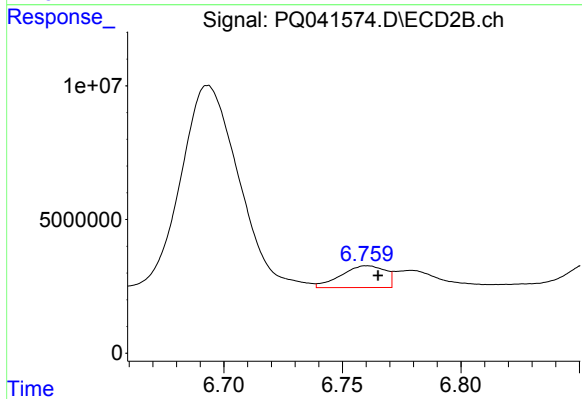
#23 AR-1248-3

R.T.: 6.551 min
Delta R.T.: -0.011 min
Response: 3660076
Conc: 31.71 ng/ml



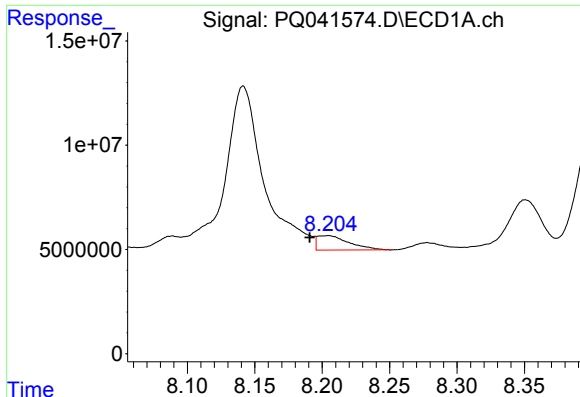
#24 AR-1248-4

R.T.: 8.141 min
Delta R.T.: -0.007 min
Response: 160477609
Conc: 742.92 ng/ml



#24 AR-1248-4

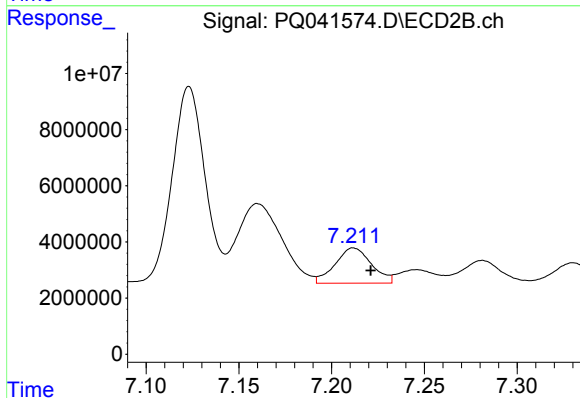
R.T.: 6.760 min
Delta R.T.: -0.005 min
Response: 10475071
Conc: 72.36 ng/ml



#25 AR-1248-5

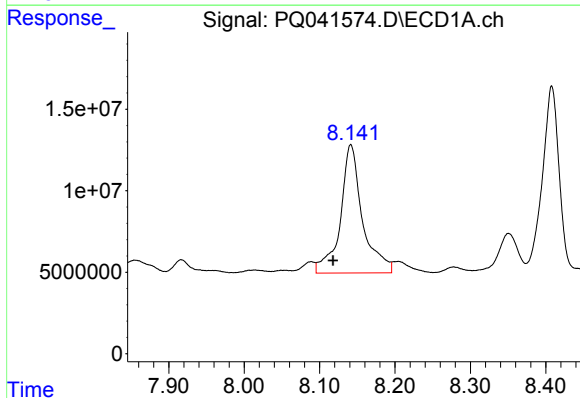
R.T.: 8.205 min
Delta R.T.: 0.014 min
Response: 11327718
Conc: 53.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



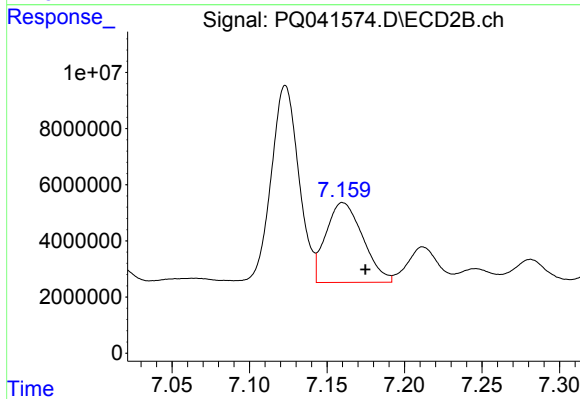
#25 AR-1248-5

R.T.: 7.212 min
Delta R.T.: -0.009 min
Response: 17152115
Conc: 101.92 ng/ml



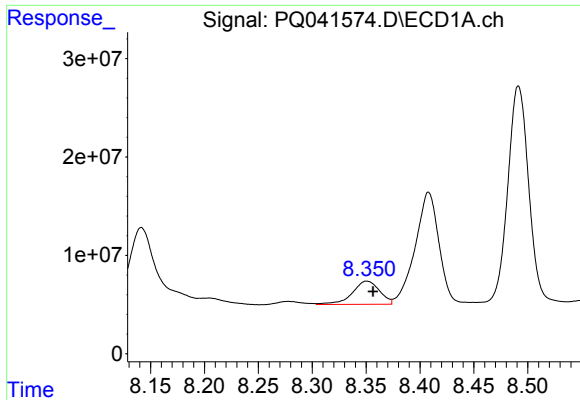
#26 AR-1254-1

R.T.: 8.141 min
Delta R.T.: 0.024 min
Response: 160477609
Conc: 791.69 ng/ml



#26 AR-1254-1

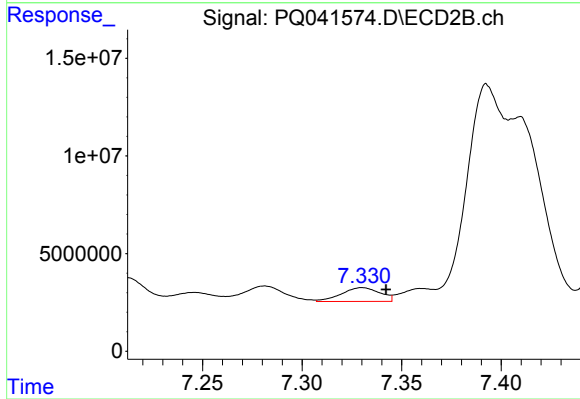
R.T.: 7.160 min
Delta R.T.: -0.015 min
Response: 47139933
Conc: 185.37 ng/ml



#27 AR-1254-2

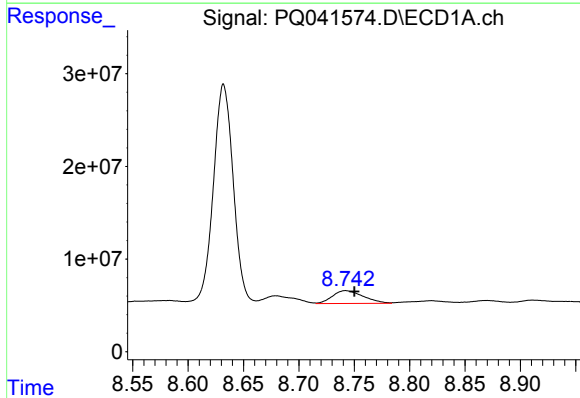
R.T.: 8.351 min
Delta R.T.: -0.006 min
Response: 41621721
Conc: 120.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



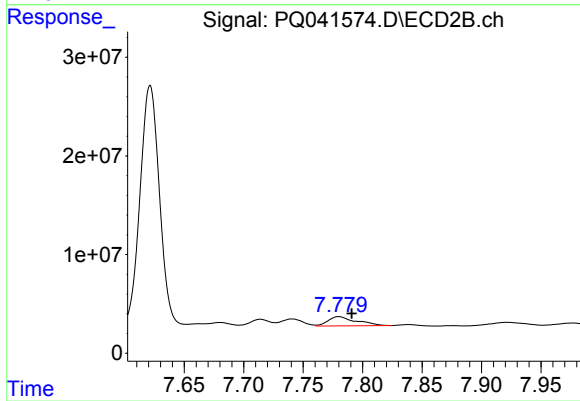
#27 AR-1254-2

R.T.: 7.330 min
Delta R.T.: -0.012 min
Response: 9564219
Conc: 41.80 ng/ml



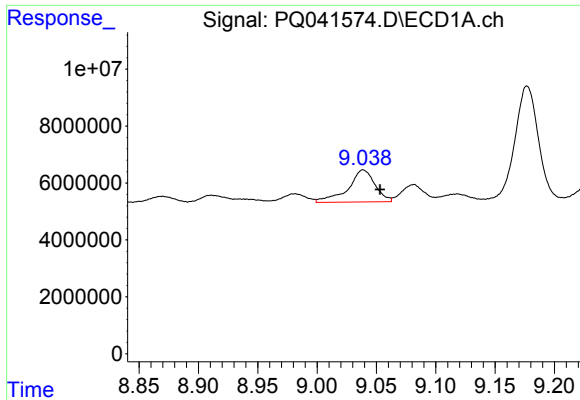
#28 AR-1254-3

R.T.: 8.742 min
Delta R.T.: -0.008 min
Response: 27111586
Conc: 65.43 ng/ml



#28 AR-1254-3

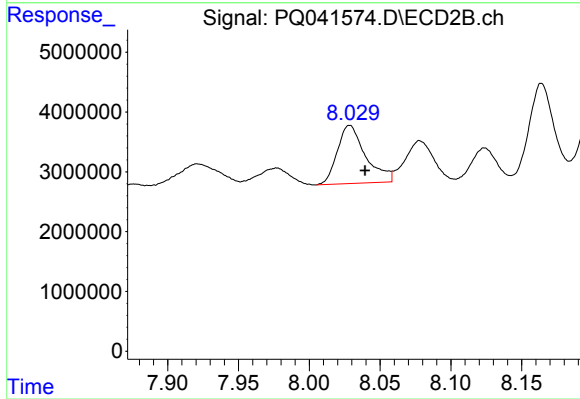
R.T.: 7.780 min
Delta R.T.: -0.011 min
Response: 15649256
Conc: 38.56 ng/ml



#29 AR-1254-4

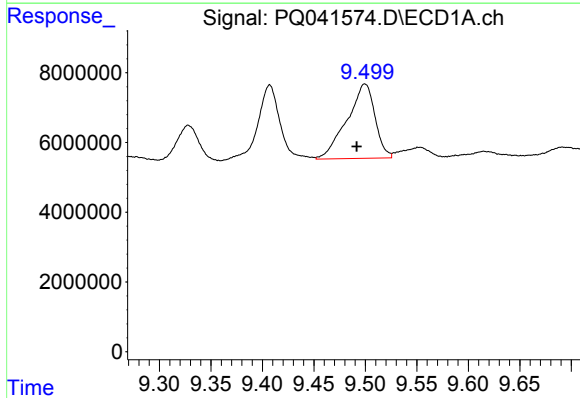
R.T.: 9.039 min
Delta R.T.: -0.014 min
Response: 17884451
Conc: 49.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



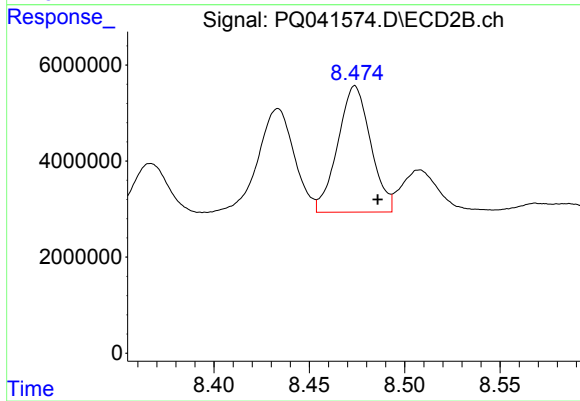
#29 AR-1254-4

R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 13541427
Conc: 49.57 ng/ml



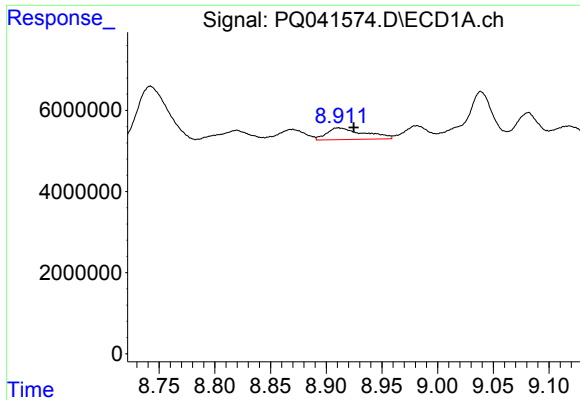
#30 AR-1254-5

R.T.: 9.500 min
Delta R.T.: 0.008 min
Response: 40439417
Conc: 100.71 ng/ml



#30 AR-1254-5

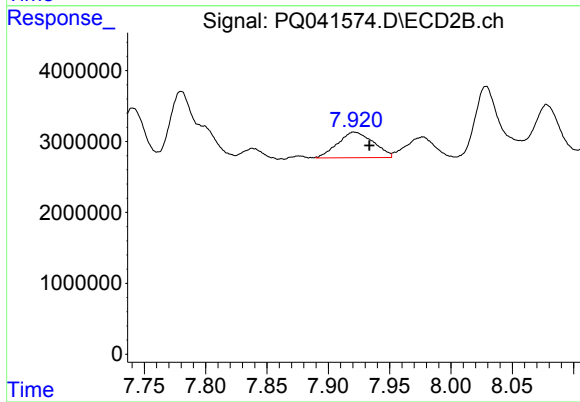
R.T.: 8.474 min
Delta R.T.: -0.012 min
Response: 31611882
Conc: 79.17 ng/ml



#31 AR-1260-1

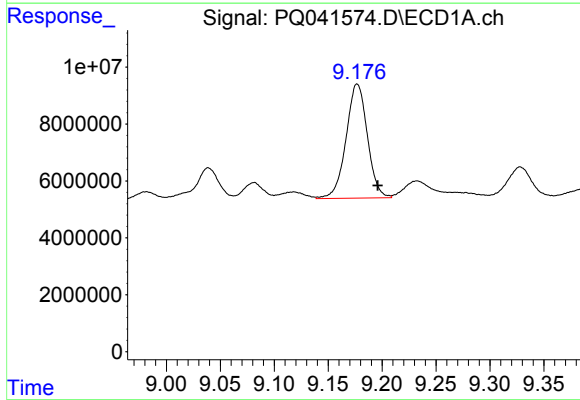
R.T.: 8.911 min
Delta R.T.: -0.014 min
Response: 6772505
Conc: 22.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



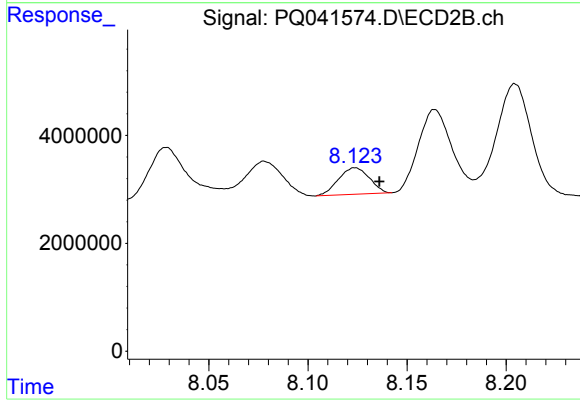
#31 AR-1260-1

R.T.: 7.921 min
Delta R.T.: -0.012 min
Response: 7302143
Conc: 27.46 ng/ml



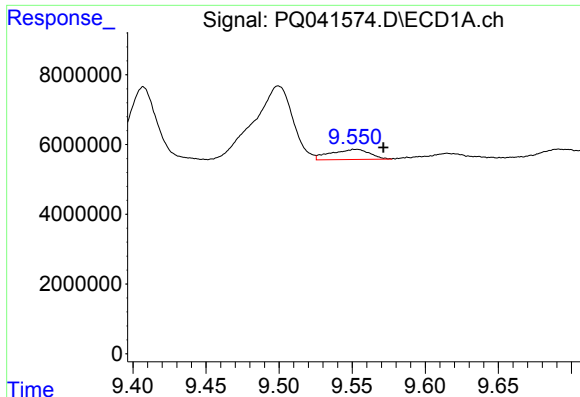
#32 AR-1260-2

R.T.: 9.177 min
Delta R.T.: -0.019 min
Response: 55245839
Conc: 120.53 ng/ml



#32 AR-1260-2

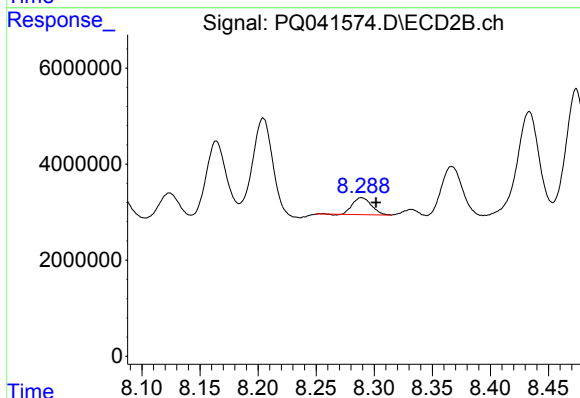
R.T.: 8.124 min
Delta R.T.: -0.012 min
Response: 5337002
Conc: 14.71 ng/ml



#33 AR-1260-3

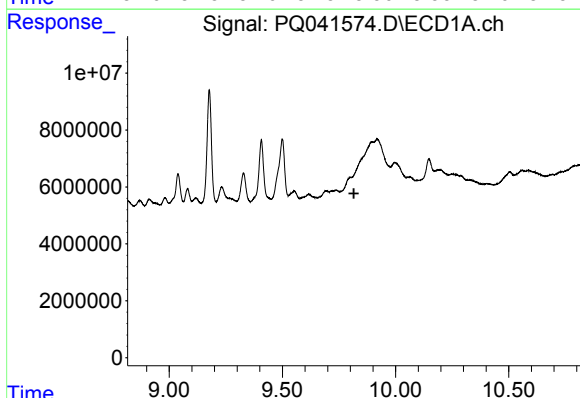
R.T.: 9.552 min
Delta R.T.: -0.019 min
Response: 5430268
Conc: 12.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



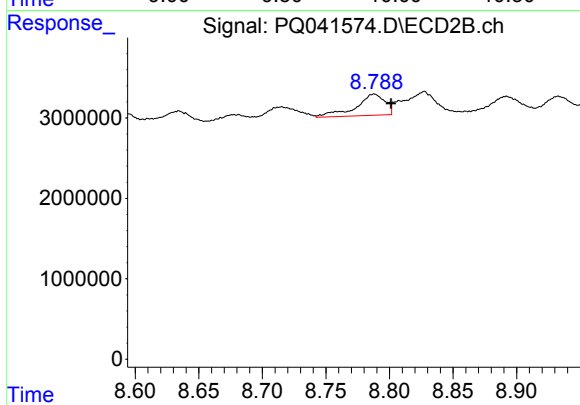
#33 AR-1260-3

R.T.: 8.289 min
Delta R.T.: -0.013 min
Response: 4019892
Conc: 12.80 ng/ml



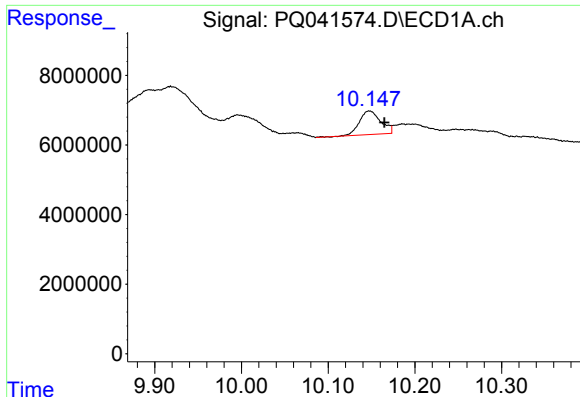
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.816 min
Response: 0
Conc: N.D.



#34 AR-1260-4

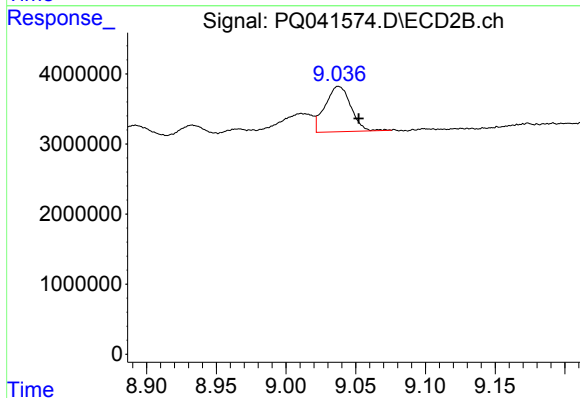
R.T.: 8.788 min
Delta R.T.: -0.013 min
Response: 4259483
Conc: 14.96 ng/ml



#35 AR-1260-5

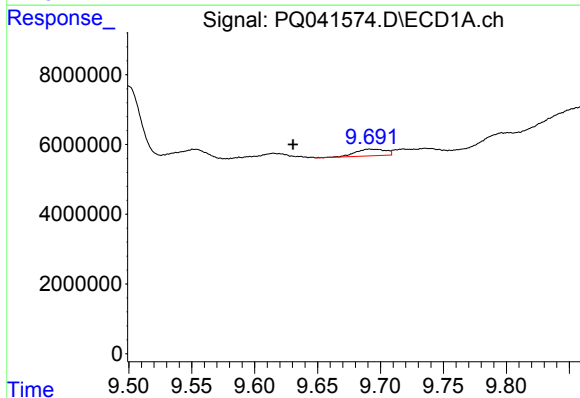
R.T.: 10.148 min
Delta R.T.: -0.017 min
Response: 11632286
Conc: 10.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



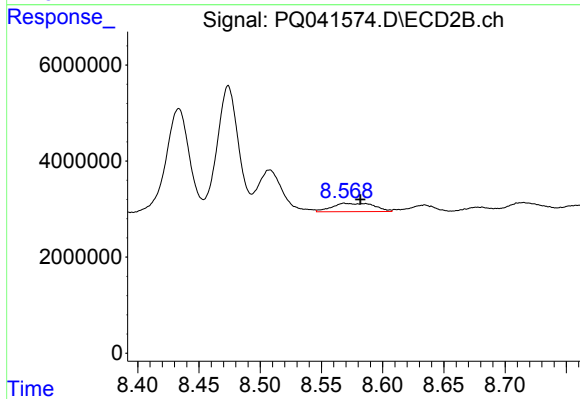
#35 AR-1260-5

R.T.: 9.038 min
Delta R.T.: -0.014 min
Response: 8322860
Conc: 11.19 ng/ml



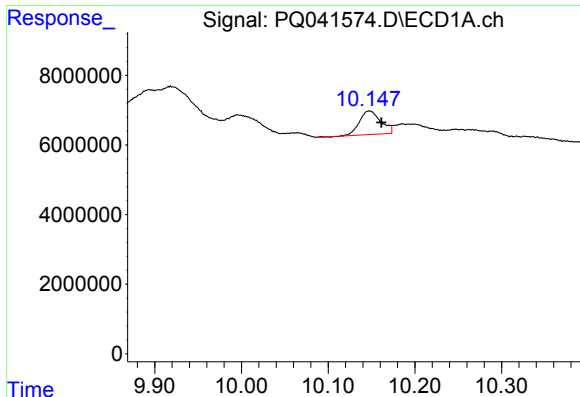
#36 AR-1262-1

R.T.: 9.691 min
Delta R.T.: 0.061 min
Response: 3153520
Conc: 12.84 ng/ml



#36 AR-1262-1

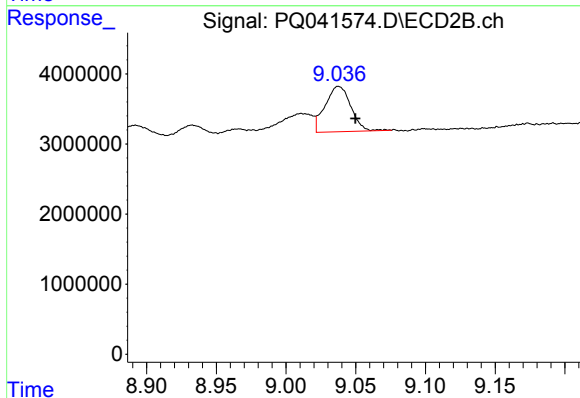
R.T.: 8.569 min
Delta R.T.: -0.013 min
Response: 4109751
Conc: 21.37 ng/ml



#37 AR-1262-2

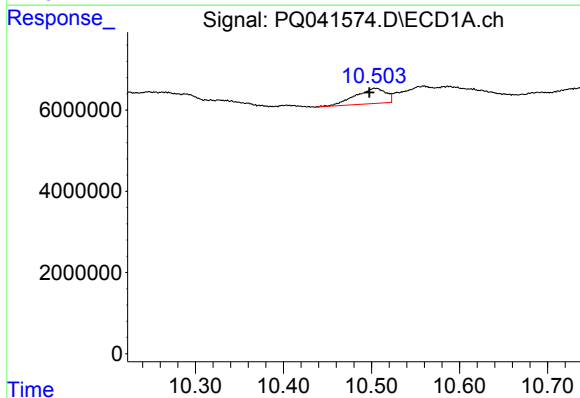
R.T.: 10.148 min
Delta R.T.: -0.014 min
Response: 11632286
Conc: 9.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



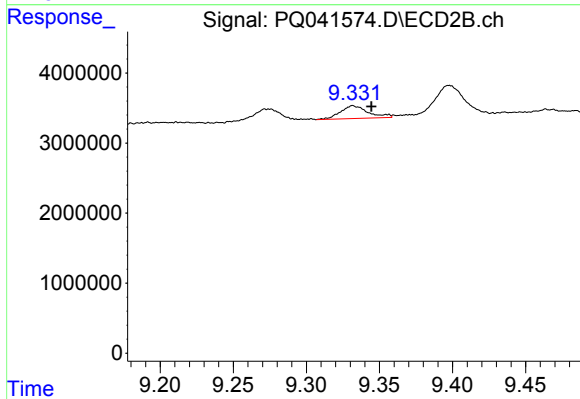
#37 AR-1262-2

R.T.: 9.038 min
Delta R.T.: -0.012 min
Response: 8322860
Conc: 9.91 ng/ml



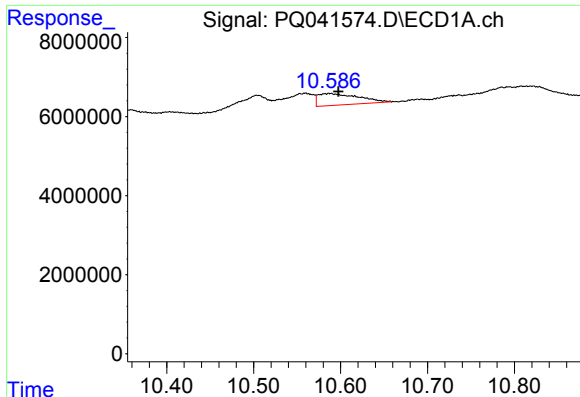
#38 AR-1262-3

R.T.: 10.504 min
Delta R.T.: 0.007 min
Response: 9174026
Conc: 11.01 ng/ml



#38 AR-1262-3

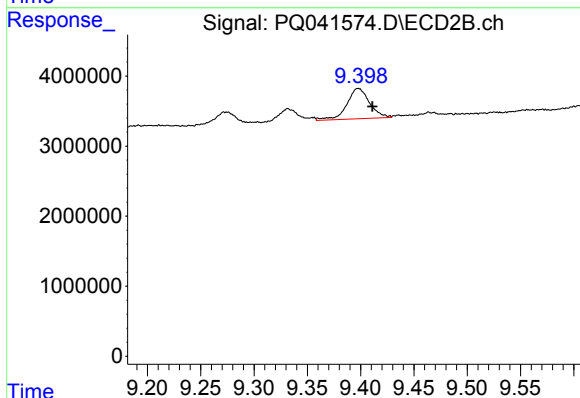
R.T.: 9.332 min
Delta R.T.: -0.013 min
Response: 2418067
Conc: 6.87 ng/ml



#39 AR-1262-4

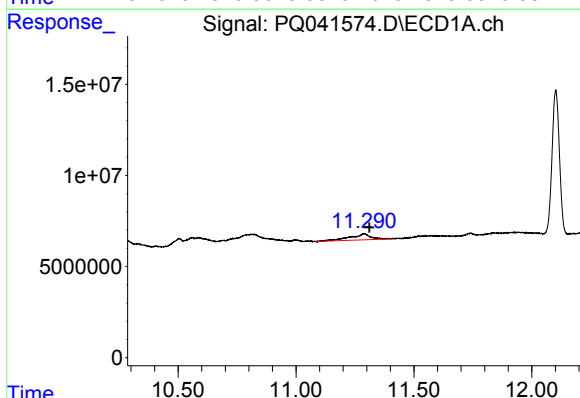
R.T.: 10.588 min
Delta R.T.: -0.010 min
Response: 9447041
Conc: 14.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



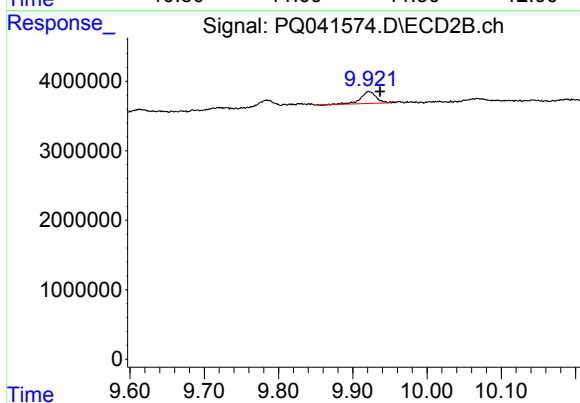
#39 AR-1262-4

R.T.: 9.398 min
Delta R.T.: -0.013 min
Response: 6425929
Conc: 10.93 ng/ml



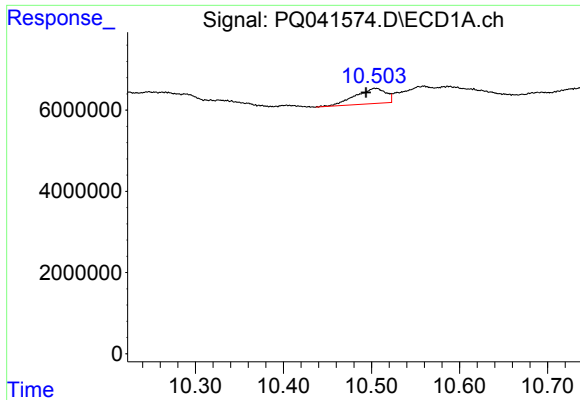
#40 AR-1262-5

R.T.: 11.290 min
Delta R.T.: -0.021 min
Response: 21057690
Conc: 46.07 ng/ml



#40 AR-1262-5

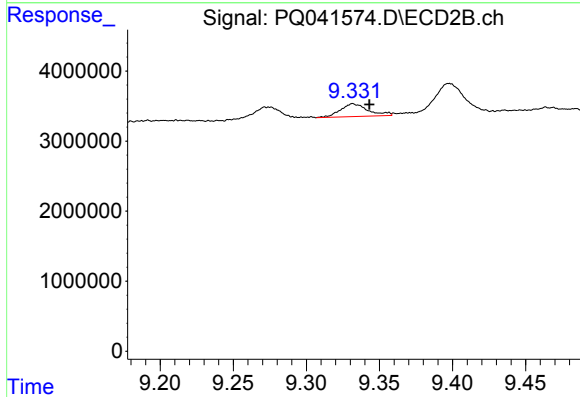
R.T.: 9.922 min
Delta R.T.: -0.015 min
Response: 2554756
Conc: 10.65 ng/ml



#41 AR-1268-1

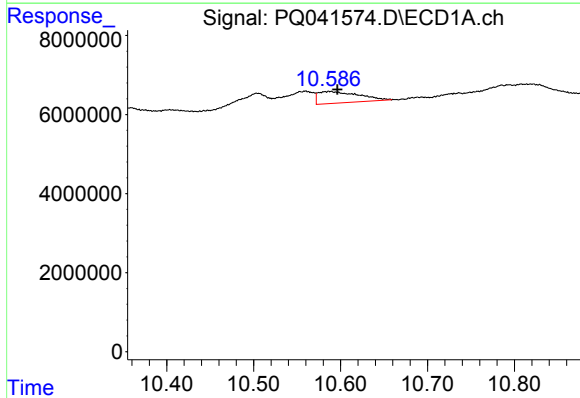
R.T.: 10.504 min
Delta R.T.: 0.010 min
Response: 9174026
Conc: 5.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



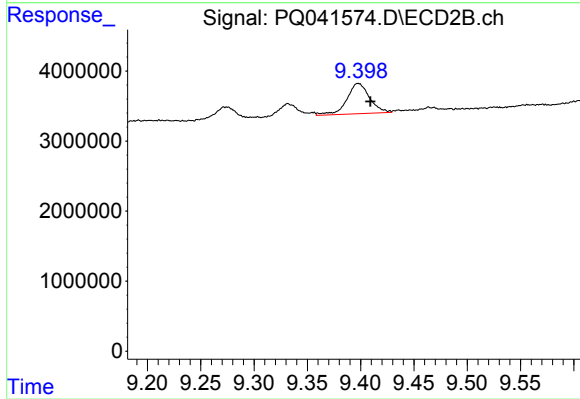
#41 AR-1268-1

R.T.: 9.332 min
Delta R.T.: -0.011 min
Response: 2418067
Conc: 2.12 ng/ml



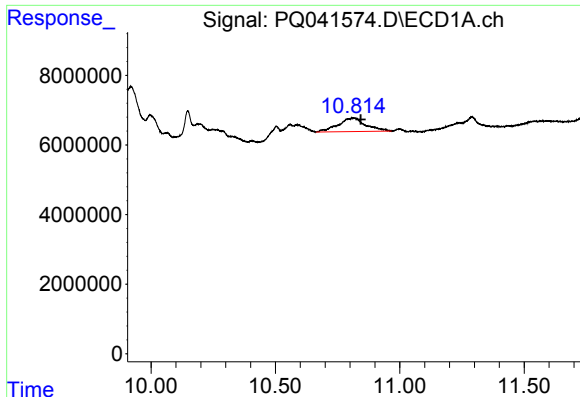
#42 AR-1268-2

R.T.: 10.588 min
Delta R.T.: -0.009 min
Response: 9447041
Conc: 5.92 ng/ml



#42 AR-1268-2

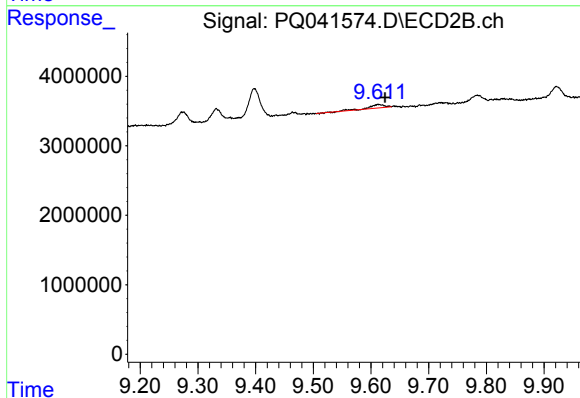
R.T.: 9.398 min
Delta R.T.: -0.012 min
Response: 6425929
Conc: 6.61 ng/ml



#43 AR-1268-3

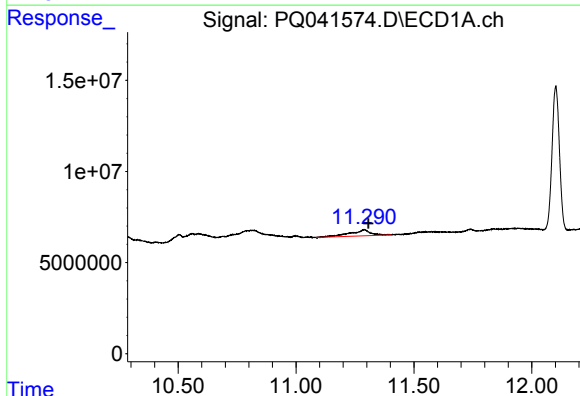
R.T.: 10.814 min
Delta R.T.: -0.028 min
Response: 29799336
Conc: 21.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



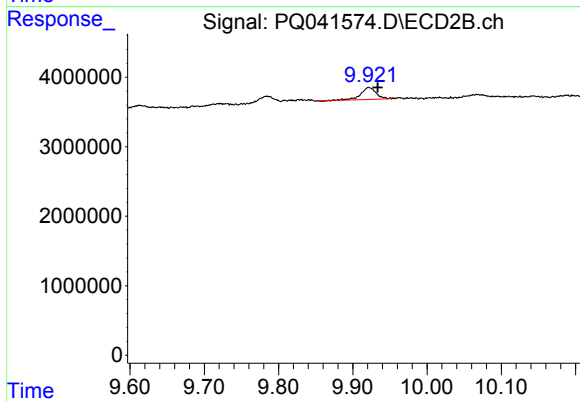
#43 AR-1268-3

R.T.: 9.613 min
Delta R.T.: -0.011 min
Response: 934338
Conc: 1.17 ng/ml



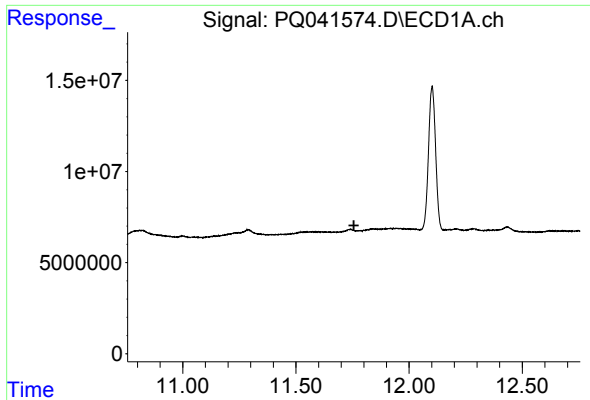
#44 AR-1268-4

R.T.: 11.290 min
Delta R.T.: -0.017 min
Response: 21057690
Conc: 37.10 ng/ml



#44 AR-1268-4

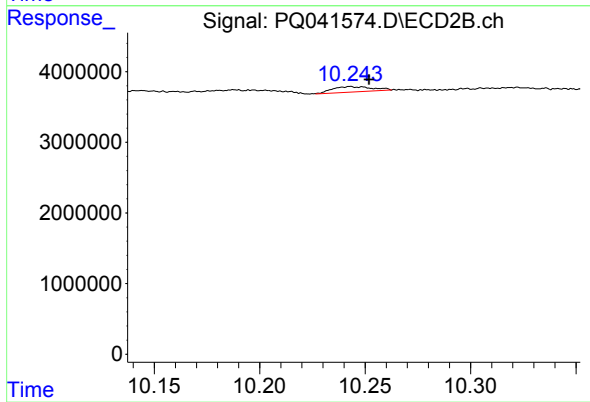
R.T.: 9.922 min
Delta R.T.: -0.012 min
Response: 2554756
Conc: 8.33 ng/ml



#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.: 10.243 min
Delta R.T.: -0.009 min
Response: 1005115
Conc: 0.51 ng/ml