

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040217.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 22:59
 Operator : SM\AJ
 Sample : K3043-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 04:24:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.602	4.738	40755052	26687362	12.441	12.426
2)	SA Decachlor...	11.912	10.458	149.8E6	77763060	20.967	18.702
Target Compounds							
3)	L1 AR-1016-1	7.106	6.183	14660245	162139	87.632	1.264 #
4)	L1 AR-1016-2	7.106	6.183	14660245	162139	55.763	0.840 #
5)	L1 AR-1016-3	7.106	6.418	14660245	3056270	85.894	28.338 #
6)	L1 AR-1016-4	7.222	6.475	75691624	3128324	547.601	36.739 #
7)	L1 AR-1016-5	7.642	6.731	36775144	18589980	265.095	161.455 #
8)	L2 AR-1221-1	0.000	5.044	0	906716	N.D.	36.999 #
9)	L2 AR-1221-2	0.000	5.155	0	704501	N.D.	43.254 #
10)	L2 AR-1221-3	0.000	5.220	0	1886845	N.D.	31.030 #
11)	L3 AR-1232-1	0.000	5.220	0	1886845	N.D.	41.177 #
12)	L3 AR-1232-2	0.000	6.183	0	162139	N.D.	2.703 #
13)	L3 AR-1232-3	7.106	6.418	14660245	3056270	181.411	86.905 #
14)	L3 AR-1232-4	7.222	6.528	75691624	175009	1810.874	5.923 #
15)	L3 AR-1232-5	0.000	6.731	0	18589980	N.D.	617.517 #
16)	L4 AR-1242-1	7.106	6.183	14660245	162139	151.205	2.193 #
17)	L4 AR-1242-2	7.106	6.183	14660245	162139	101.442	1.523 #
18)	L4 AR-1242-3	7.106	6.418	14660245	3056270	157.484	50.664 #
19)	L4 AR-1242-4	7.222	6.528	75691624	175009	1006.396	2.936 #
20)	L4 AR-1242-5	8.101	7.121	16599146	41569940	191.469	515.830 #
21)	L5 AR-1248-1	7.106	6.183	14660245	162139	189.403	2.814 #
22)	L5 AR-1248-2	0.000	6.475	0	3128324	N.D.	35.582 #
23)	L5 AR-1248-3	7.642	6.528	36775144	175009	266.434	1.934 #
24)	L5 AR-1248-4	8.040	6.731	182.3E6	18589980	1207.229	168.343 #
25)	L5 AR-1248-5	8.101	7.182	16599146	7671161	110.250	67.566 #
26)	L6 AR-1254-1	8.040	7.121	182.3E6	41569940	1045.075	217.035 #
27)	L6 AR-1254-2	8.306	7.294	145.8E6	1264249	527.120	7.277 #
28)	L6 AR-1254-3	8.648	7.763	10333376	2238138	34.818	7.745 #
29)	L6 AR-1254-4	0.000	8.017	0	2252460	N.D.	12.615 #
30)	L6 AR-1254-5	0.000	8.439	0	1046774	N.D.	4.063 #
31)	L7 AR-1260-1	0.000	7.899	0	2250342	N.D.	8.209 #
32)	L7 AR-1260-2	0.000	8.112	0	530069	N.D.	1.532 #
33)	L7 AR-1260-3	0.000	8.253	0	522789	N.D.	1.630 #
34)	L7 AR-1260-4	0.000	8.747	0	798764	N.D.	2.940 #
35)	L7 AR-1260-5	0.000	9.011	0	2369668	N.D.	3.525 #
36)	L8 AR-1262-1	0.000	8.562	0	1111245	N.D.	9.787 #
37)	L8 AR-1262-2	0.000	9.011	0	2369668	N.D.	4.776 #
38)	L8 AR-1262-3	0.000	9.358	0	1279102	N.D.	6.084 #
39)	L8 AR-1262-4	0.000	9.358	0	1279102	N.D.	3.378 #
40)	L8 AR-1262-5	0.000	9.883	0	688147	N.D.	4.244 #
41)	L9 AR-1268-1	0.000	9.358	0	1279102	N.D.	2.803 #

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 Operator : SM\AJ
 Sample : K3043-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

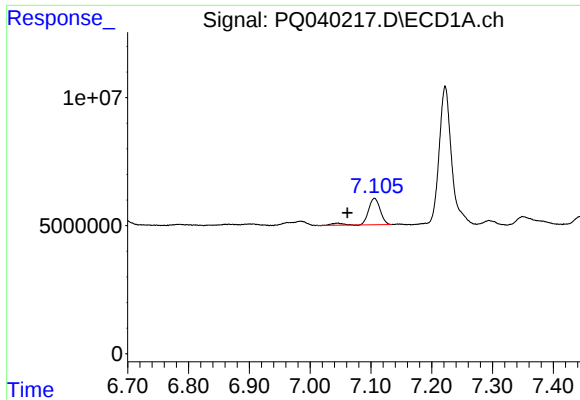
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 04:24:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
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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	0.000	9.358	0	1279102	N.D.	2.926 #
43) L9	AR-1268-3	0.000	9.571	0	810451	N.D.	2.159 #
44) L9	AR-1268-4	0.000	9.883	0	688147	N.D.	4.994 #
45) L9	AR-1268-5	0.000	10.191	0	1123294	N.D.	0.952 #

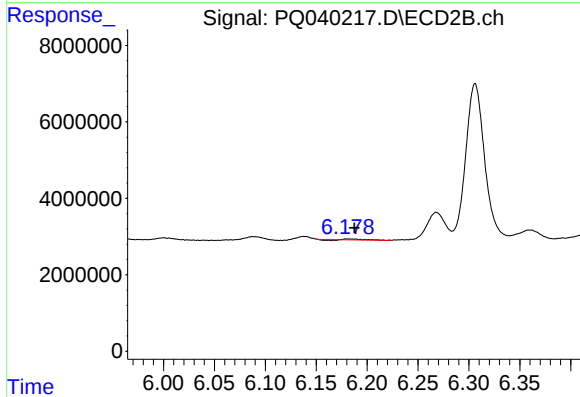
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

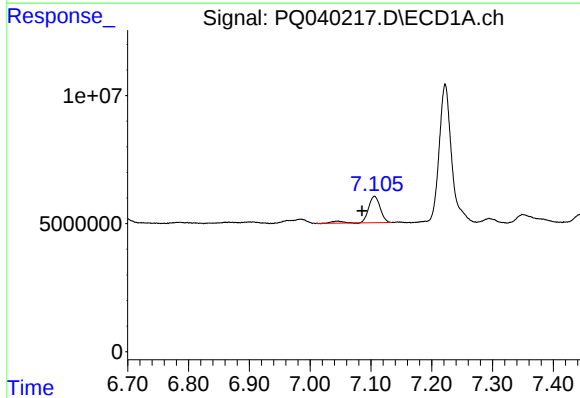
R.T.: 7.106 min
Delta R.T.: 0.045 min
Response: 14660245
Conc: 87.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



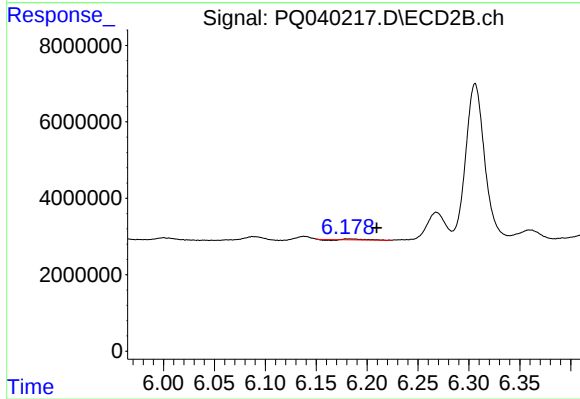
#3 AR-1016-1

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 162139
Conc: 1.26 ng/ml



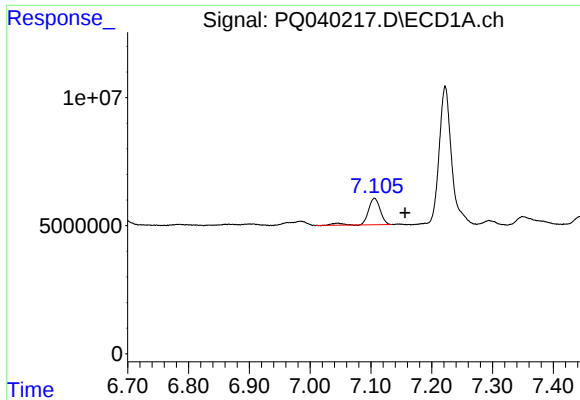
#4 AR-1016-2

R.T.: 7.106 min
Delta R.T.: 0.021 min
Response: 14660245
Conc: 55.76 ng/ml



#4 AR-1016-2

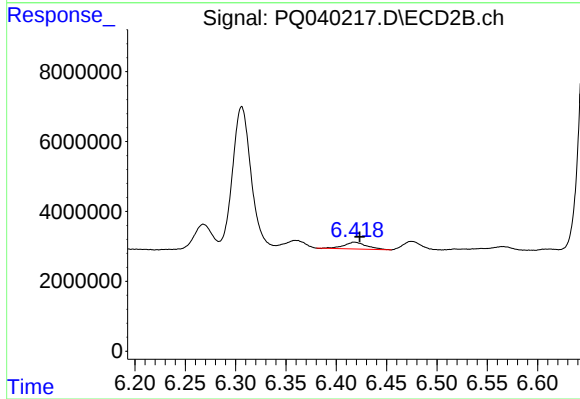
R.T.: 6.183 min
Delta R.T.: -0.026 min
Response: 162139
Conc: 0.84 ng/ml



#5 AR-1016-3

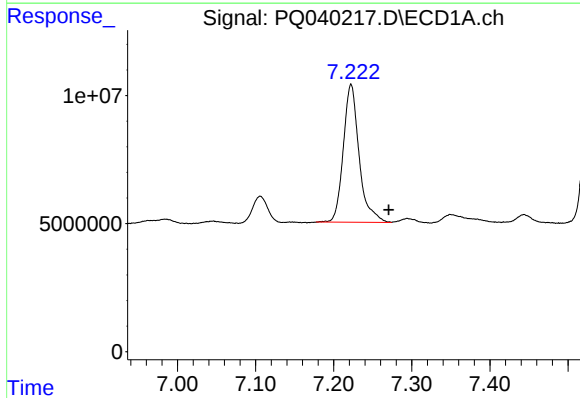
R.T.: 7.106 min
Delta R.T.: -0.050 min
Response: 14660245
Conc: 85.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



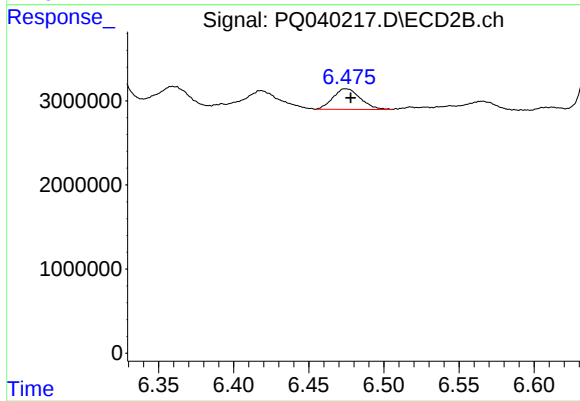
#5 AR-1016-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 3056270
Conc: 28.34 ng/ml



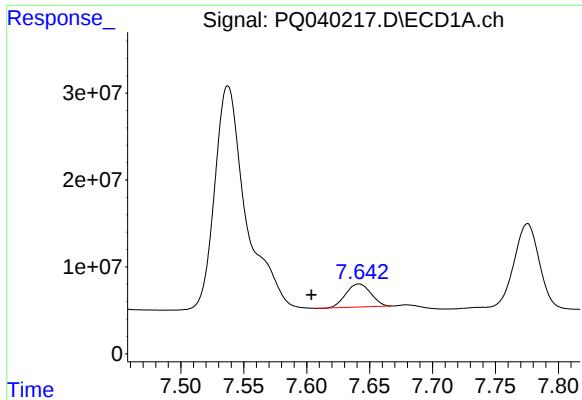
#6 AR-1016-4

R.T.: 7.222 min
Delta R.T.: -0.048 min
Response: 75691624
Conc: 547.60 ng/ml



#6 AR-1016-4

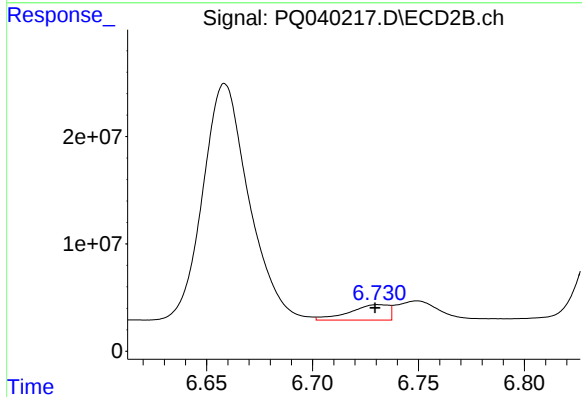
R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 3128324
Conc: 36.74 ng/ml



#7 AR-1016-5

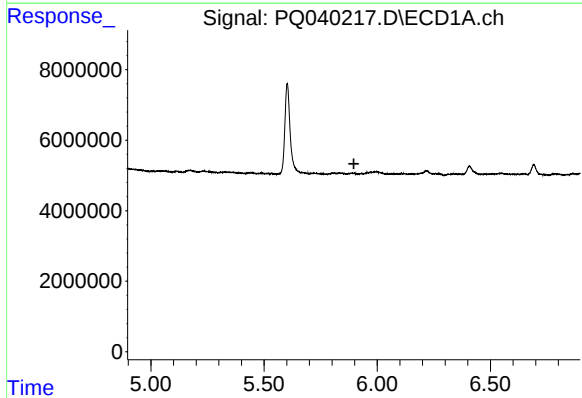
R.T.: 7.642 min
Delta R.T.: 0.038 min
Response: 36775144
Conc: 265.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



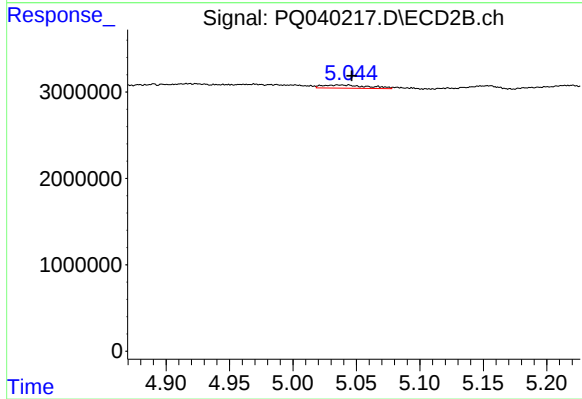
#7 AR-1016-5

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 18589980
Conc: 161.46 ng/ml



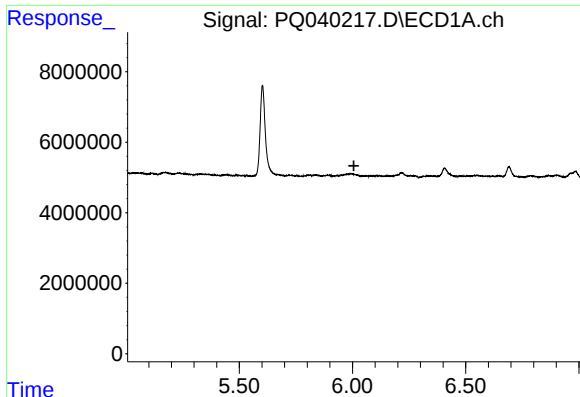
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

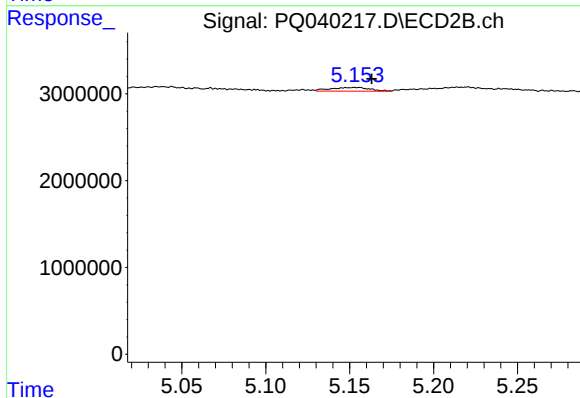
R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 906716
Conc: 37.00 ng/ml



#9 AR-1221-2

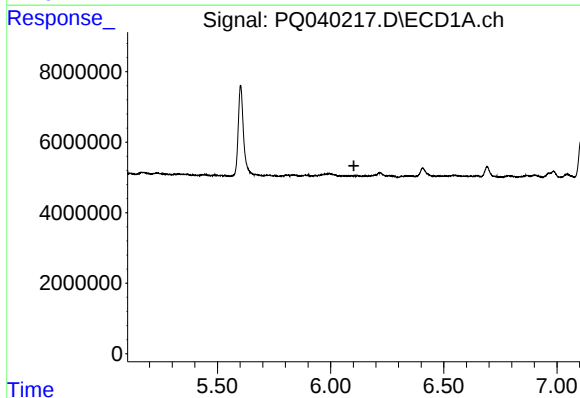
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



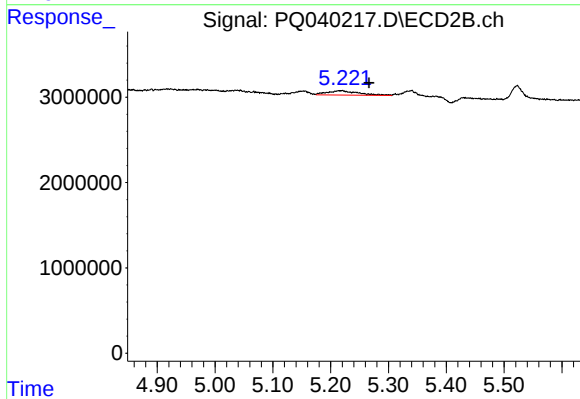
#9 AR-1221-2

R.T.: 5.155 min
Delta R.T.: -0.009 min
Response: 704501
Conc: 43.25 ng/ml



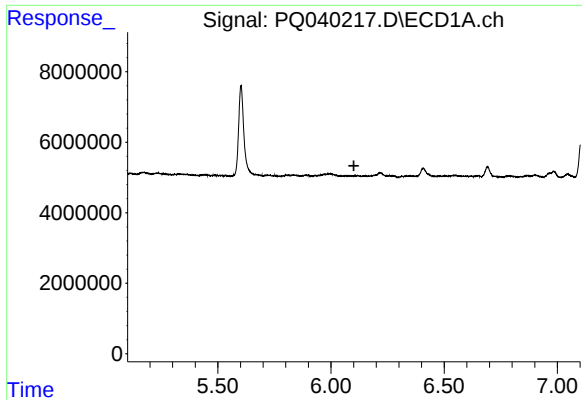
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

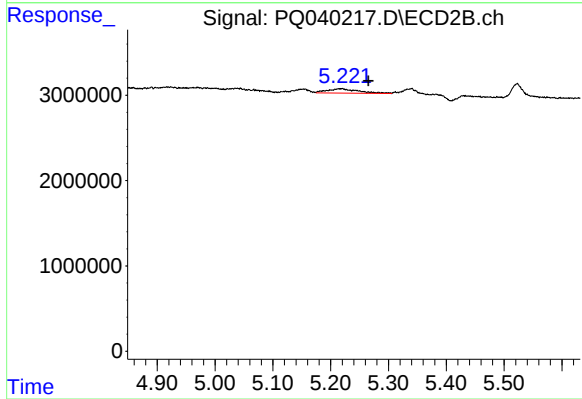
R.T.: 5.220 min
Delta R.T.: -0.046 min
Response: 1886845
Conc: 31.03 ng/ml



#11 AR-1232-1

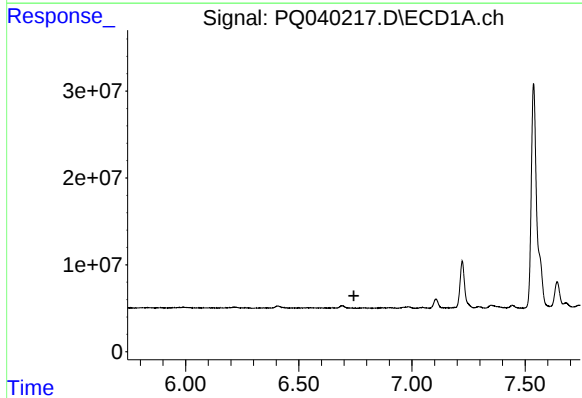
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



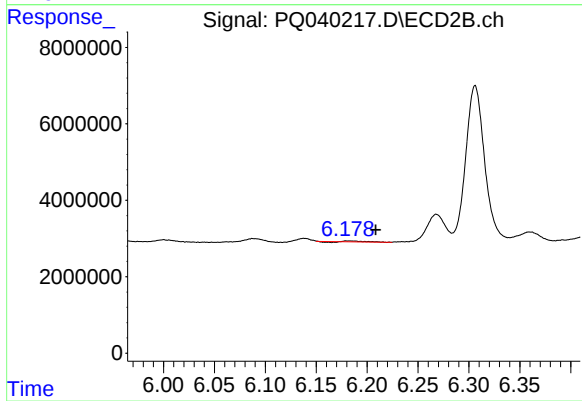
#11 AR-1232-1

R.T.: 5.220 min
Delta R.T.: -0.045 min
Response: 1886845
Conc: 41.18 ng/ml



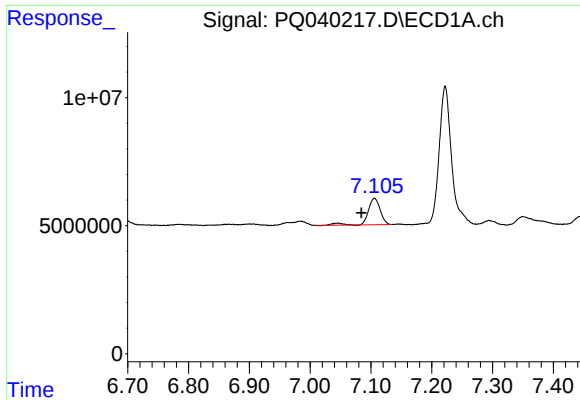
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

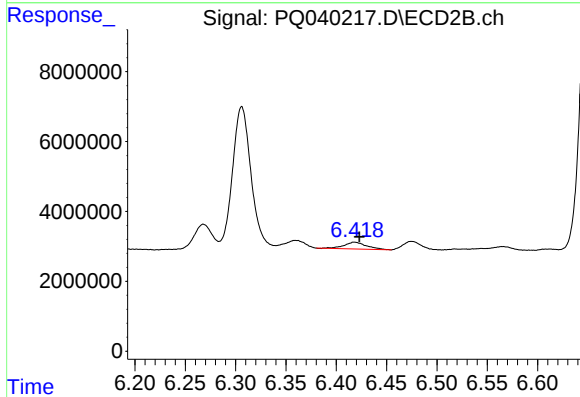
R.T.: 6.183 min
Delta R.T.: -0.025 min
Response: 162139
Conc: 2.70 ng/ml



#13 AR-1232-3

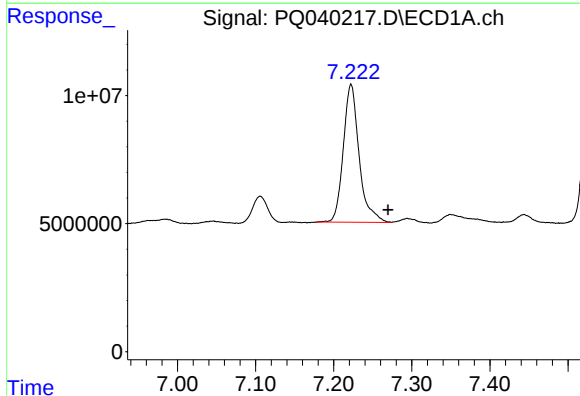
R.T.: 7.106 min
Delta R.T.: 0.022 min
Response: 14660245
Conc: 181.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



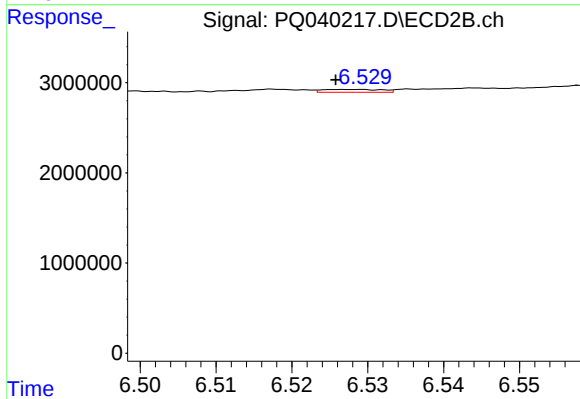
#13 AR-1232-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 3056270
Conc: 86.91 ng/ml



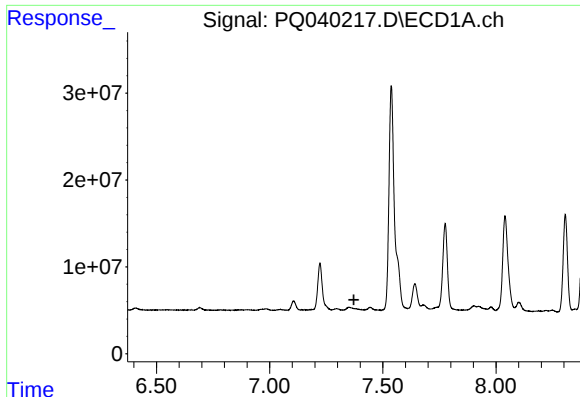
#14 AR-1232-4

R.T.: 7.222 min
Delta R.T.: -0.047 min
Response: 75691624
Conc: 1810.87 ng/ml



#14 AR-1232-4

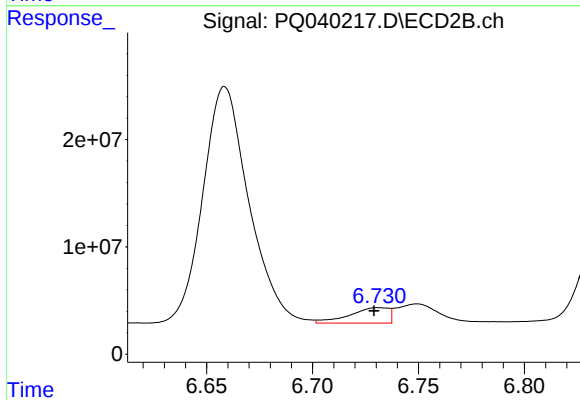
R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 175009
Conc: 5.92 ng/ml



#15 AR-1232-5

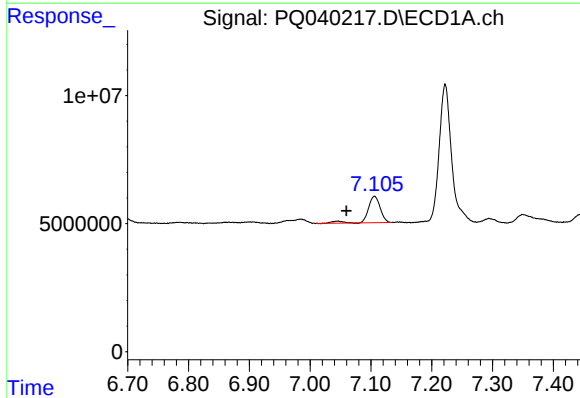
R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



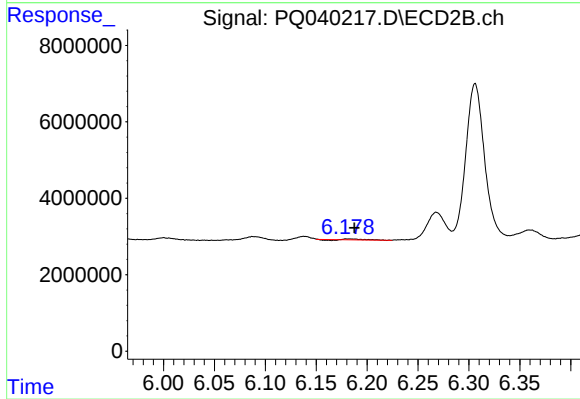
#15 AR-1232-5

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 18589980
Conc: 617.52 ng/ml



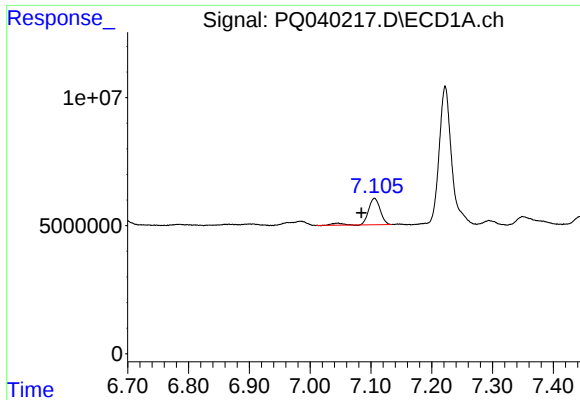
#16 AR-1242-1

R.T.: 7.106 min
Delta R.T.: 0.046 min
Response: 14660245
Conc: 151.21 ng/ml



#16 AR-1242-1

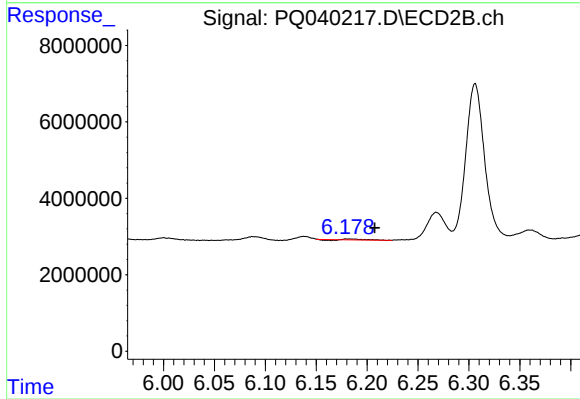
R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 162139
Conc: 2.19 ng/ml



#17 AR-1242-2

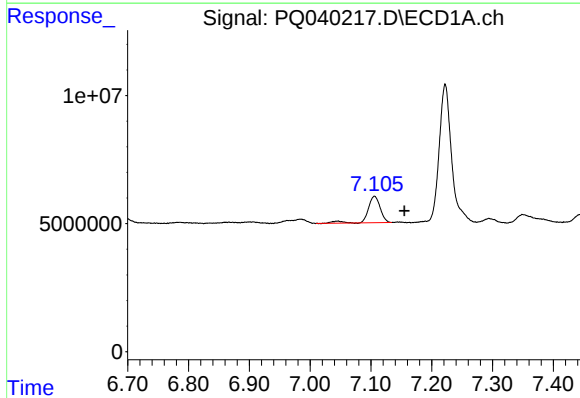
R.T.: 7.106 min
Delta R.T.: 0.021 min
Response: 14660245
Conc: 101.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



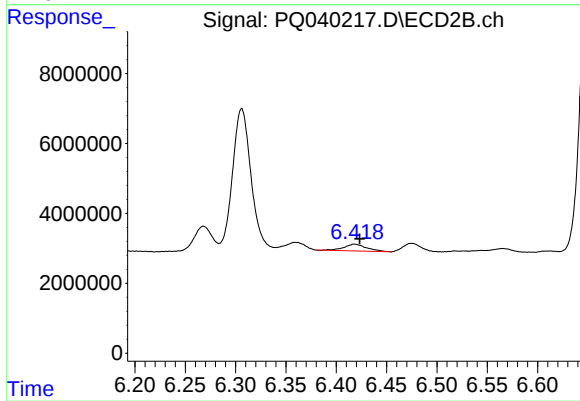
#17 AR-1242-2

R.T.: 6.183 min
Delta R.T.: -0.024 min
Response: 162139
Conc: 1.52 ng/ml



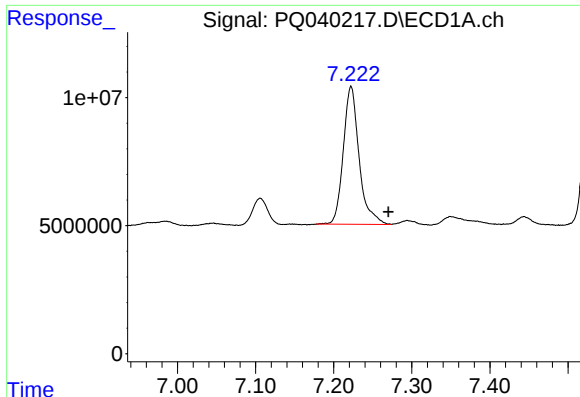
#18 AR-1242-3

R.T.: 7.106 min
Delta R.T.: -0.049 min
Response: 14660245
Conc: 157.48 ng/ml



#18 AR-1242-3

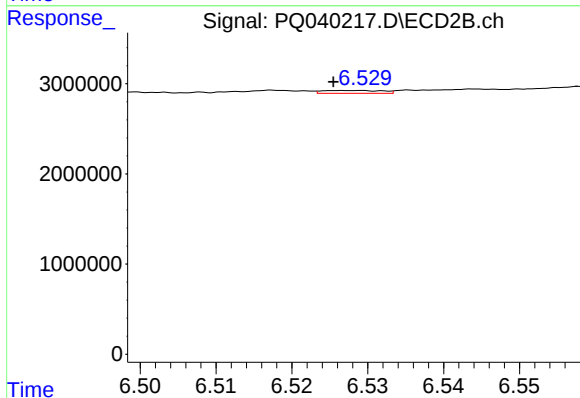
R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 3056270
Conc: 50.66 ng/ml



#19 AR-1242-4

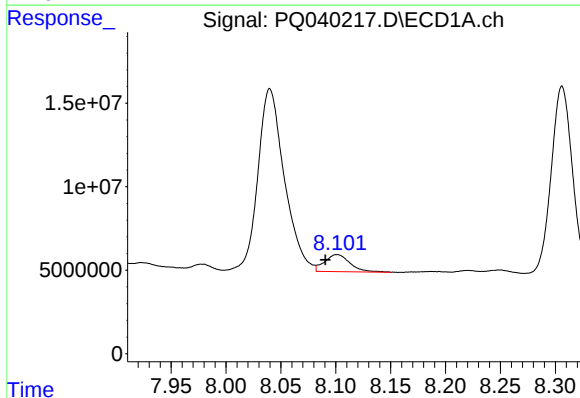
R.T.: 7.222 min
Delta R.T.: -0.048 min
Response: 75691624
Conc: 1006.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



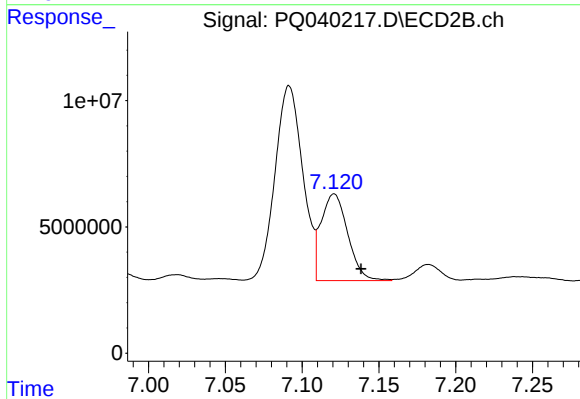
#19 AR-1242-4

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 175009
Conc: 2.94 ng/ml



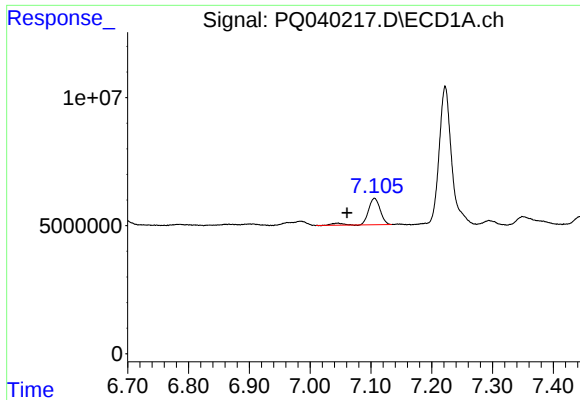
#20 AR-1242-5

R.T.: 8.101 min
Delta R.T.: 0.011 min
Response: 16599146
Conc: 191.47 ng/ml



#20 AR-1242-5

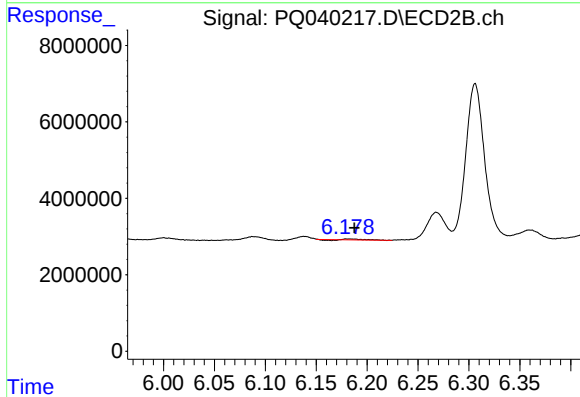
R.T.: 7.121 min
Delta R.T.: -0.018 min
Response: 41569940
Conc: 515.83 ng/ml



#21 AR-1248-1

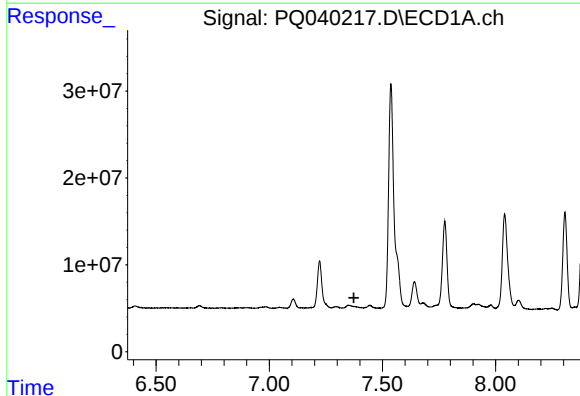
R.T.: 7.106 min
Delta R.T.: 0.045 min
Response: 14660245
Conc: 189.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



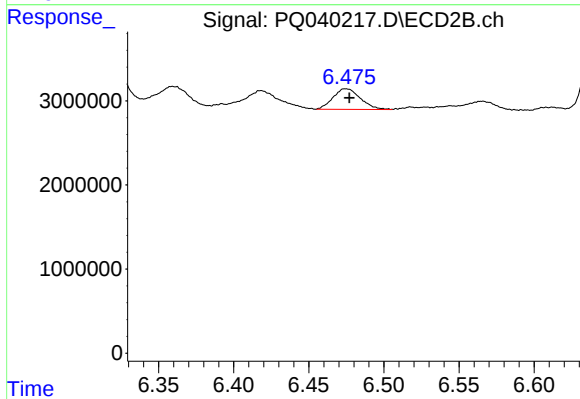
#21 AR-1248-1

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 162139
Conc: 2.81 ng/ml



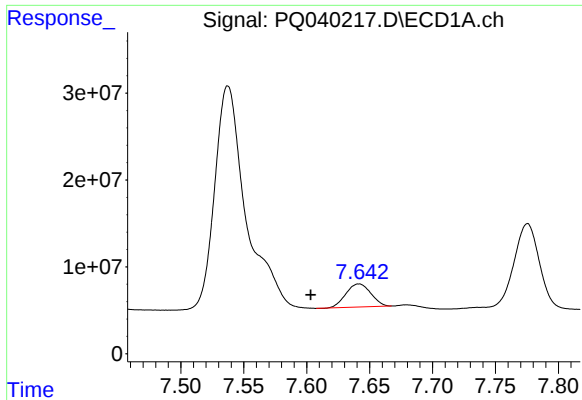
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.374 min
Response: 0
Conc: N.D.



#22 AR-1248-2

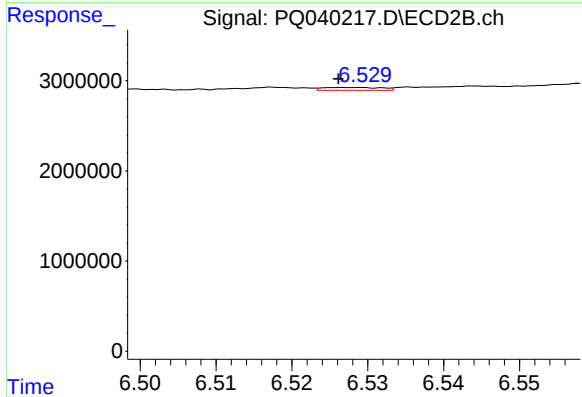
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 3128324
Conc: 35.58 ng/ml



#23 AR-1248-3

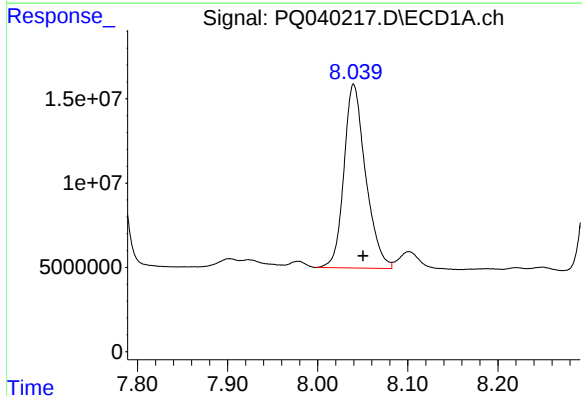
R.T.: 7.642 min
Delta R.T.: 0.038 min
Response: 36775144
Conc: 266.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



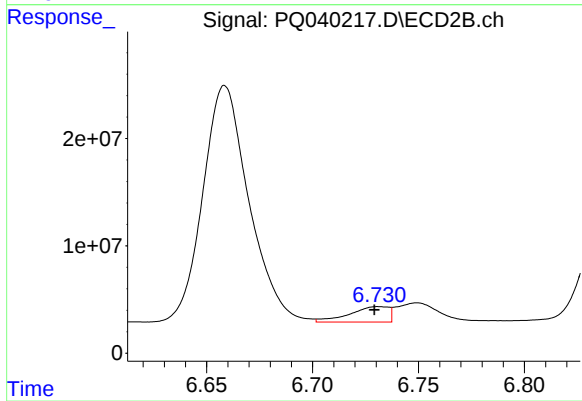
#23 AR-1248-3

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 175009
Conc: 1.93 ng/ml



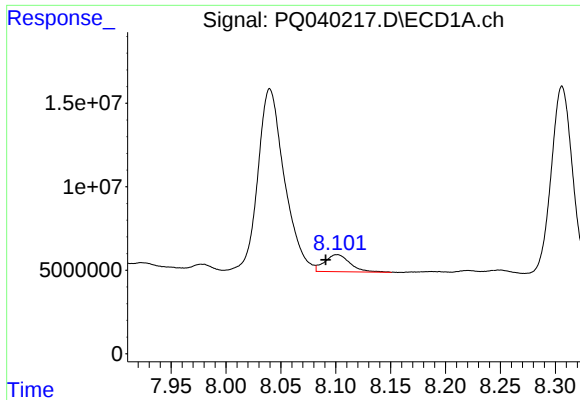
#24 AR-1248-4

R.T.: 8.040 min
Delta R.T.: -0.011 min
Response: 182255022
Conc: 1207.23 ng/ml



#24 AR-1248-4

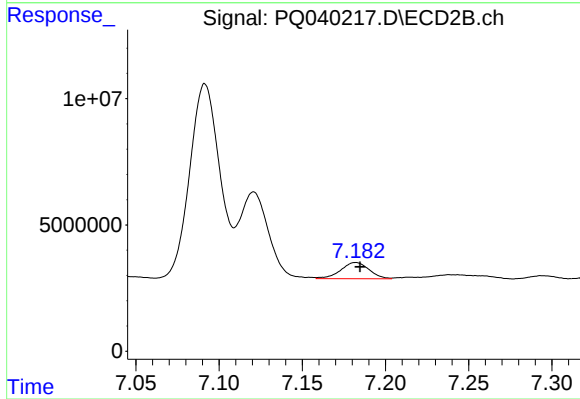
R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 18589980
Conc: 168.34 ng/ml



#25 AR-1248-5

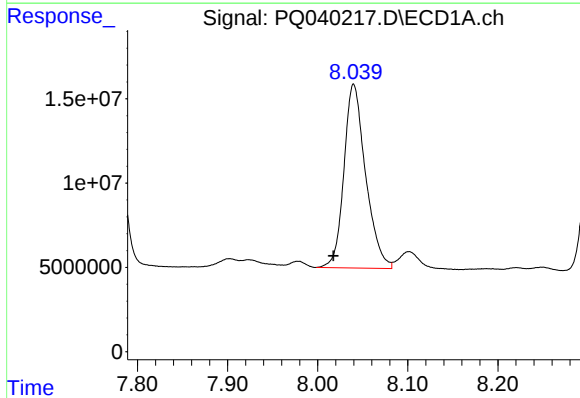
R.T.: 8.101 min
Delta R.T.: 0.010 min
Response: 16599146
Conc: 110.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



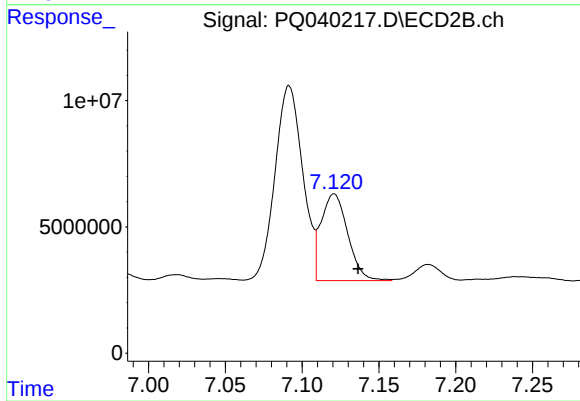
#25 AR-1248-5

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 7671161
Conc: 67.57 ng/ml



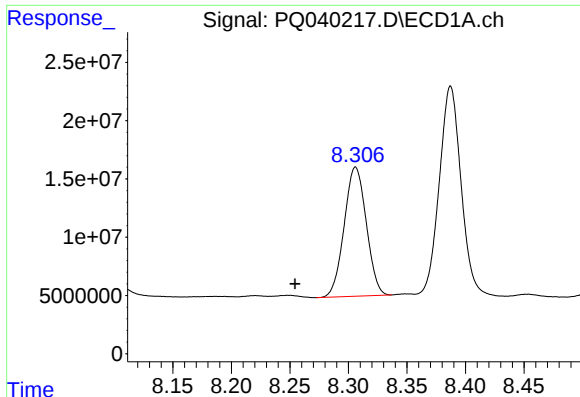
#26 AR-1254-1

R.T.: 8.040 min
Delta R.T.: 0.023 min
Response: 182255022
Conc: 1045.07 ng/ml



#26 AR-1254-1

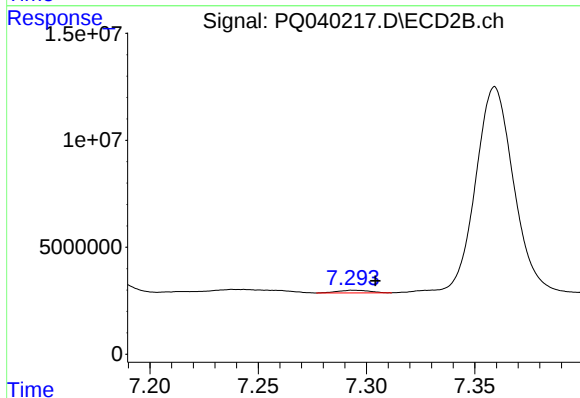
R.T.: 7.121 min
Delta R.T.: -0.016 min
Response: 41569940
Conc: 217.03 ng/ml



#27 AR-1254-2

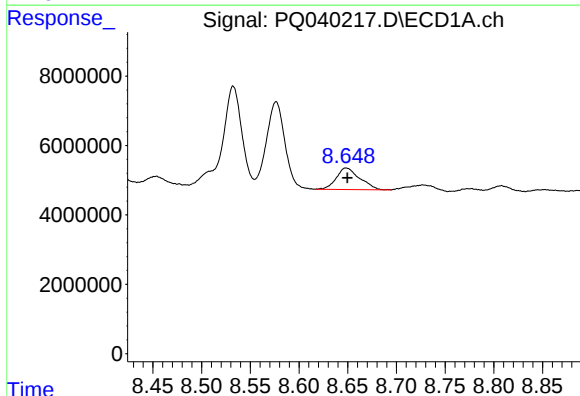
R.T.: 8.306 min
Delta R.T.: 0.052 min
Response: 145776739
Conc: 527.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



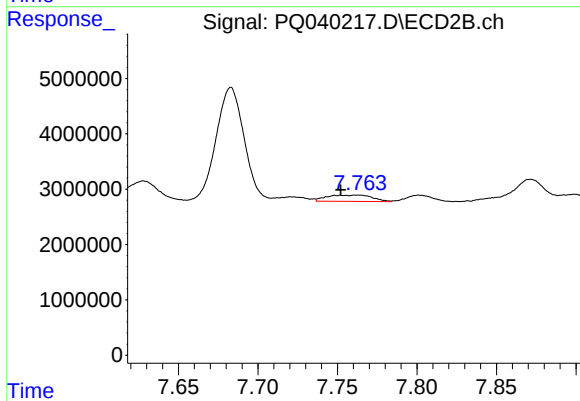
#27 AR-1254-2

R.T.: 7.294 min
Delta R.T.: -0.010 min
Response: 1264249
Conc: 7.28 ng/ml



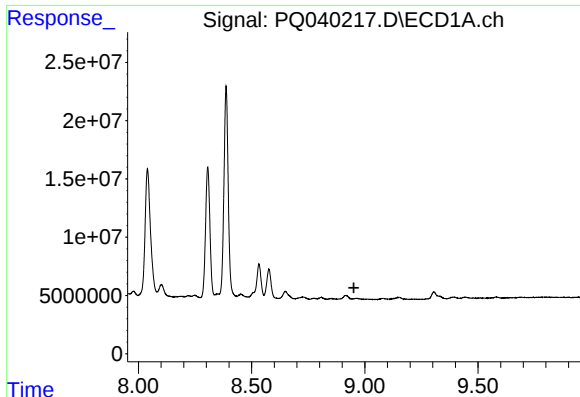
#28 AR-1254-3

R.T.: 8.648 min
Delta R.T.: -0.001 min
Response: 10333376
Conc: 34.82 ng/ml



#28 AR-1254-3

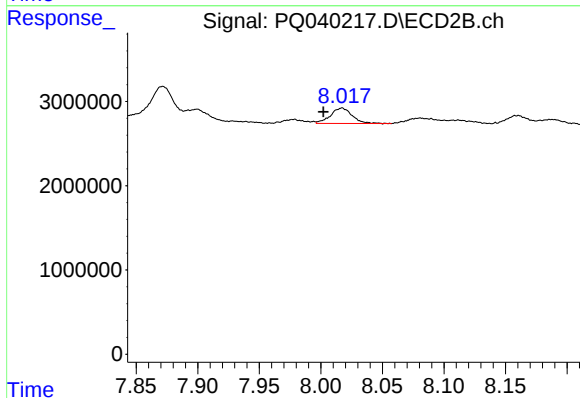
R.T.: 7.763 min
Delta R.T.: 0.011 min
Response: 2238138
Conc: 7.74 ng/ml



#29 AR-1254-4

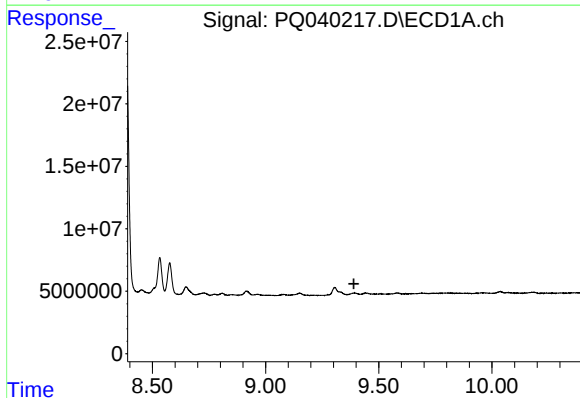
R.T.: 0.000 min
Exp R.T. : 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



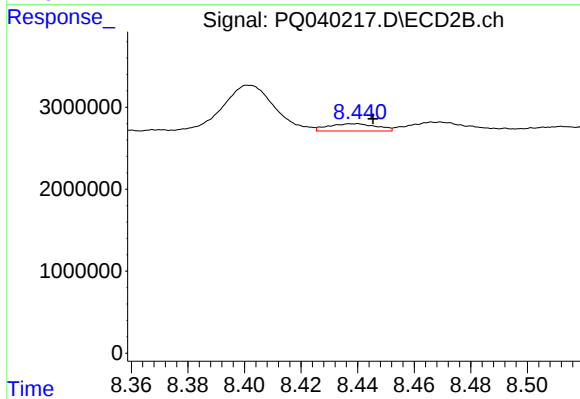
#29 AR-1254-4

R.T.: 8.017 min
Delta R.T.: 0.015 min
Response: 2252460
Conc: 12.62 ng/ml



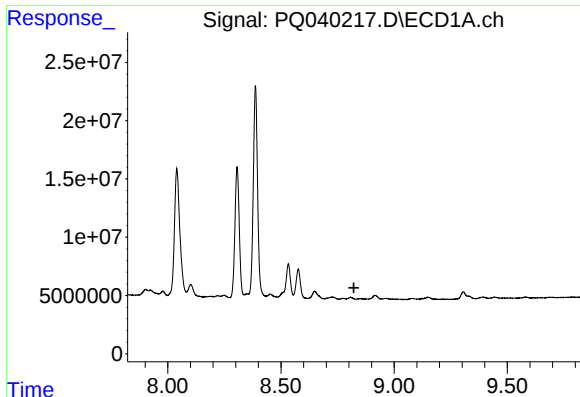
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.390 min
Response: 0
Conc: N.D.



#30 AR-1254-5

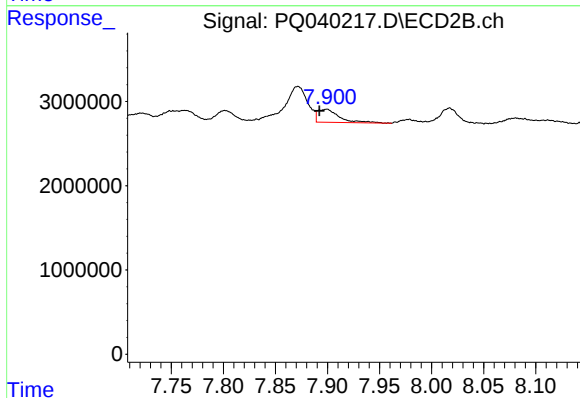
R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 1046774
Conc: 4.06 ng/ml



#31 AR-1260-1

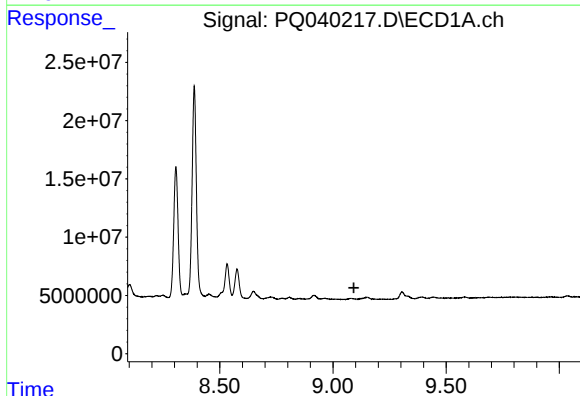
R.T.: 0.000 min
Exp R.T.: 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



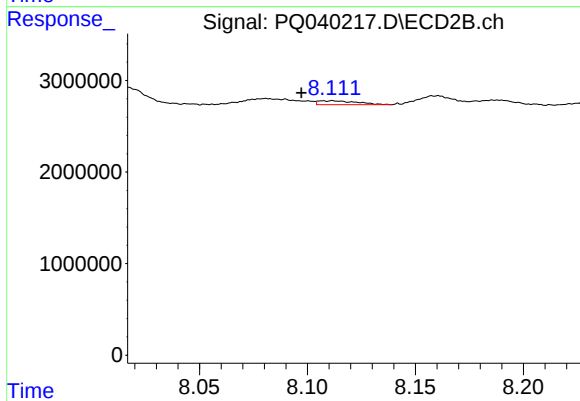
#31 AR-1260-1

R.T.: 7.899 min
Delta R.T.: 0.007 min
Response: 2250342
Conc: 8.21 ng/ml



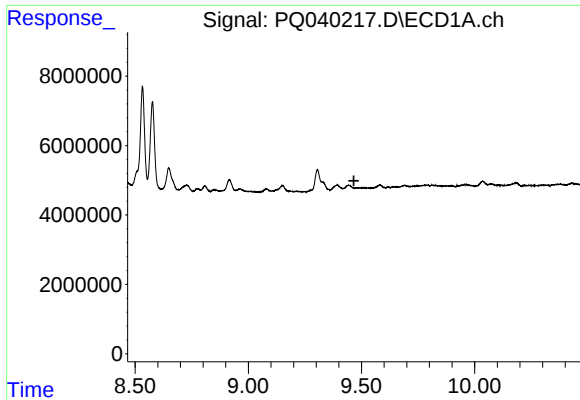
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

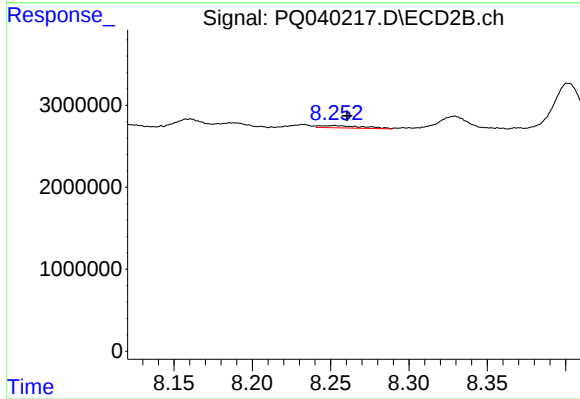
R.T.: 8.112 min
Delta R.T.: 0.014 min
Response: 530069
Conc: 1.53 ng/ml



#33 AR-1260-3

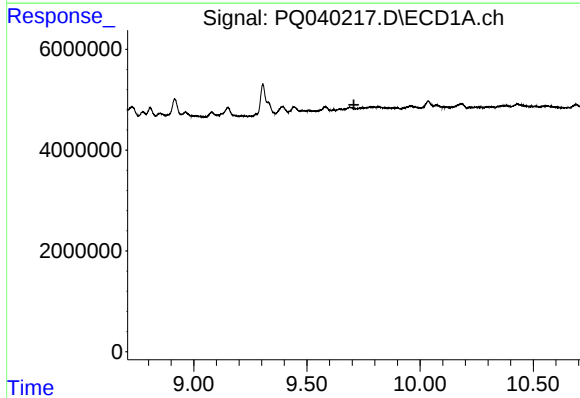
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



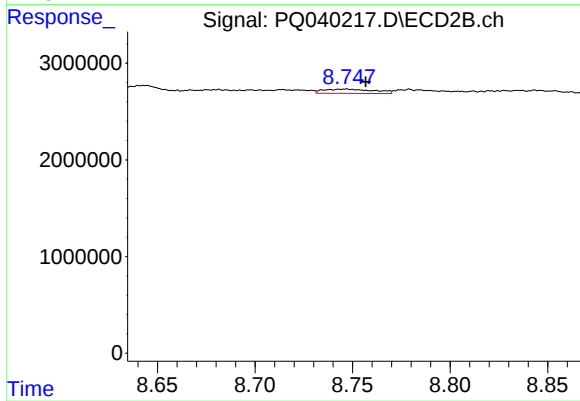
#33 AR-1260-3

R.T.: 8.253 min
Delta R.T.: -0.008 min
Response: 522789
Conc: 1.63 ng/ml



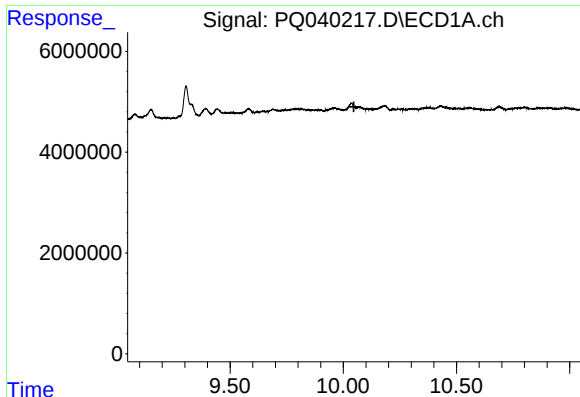
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

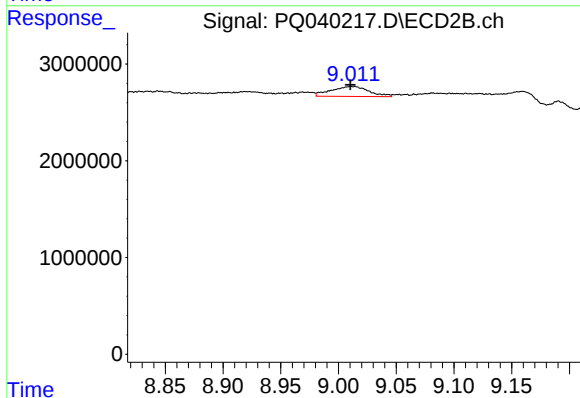
R.T.: 8.747 min
Delta R.T.: -0.010 min
Response: 798764
Conc: 2.94 ng/ml



#35 AR-1260-5

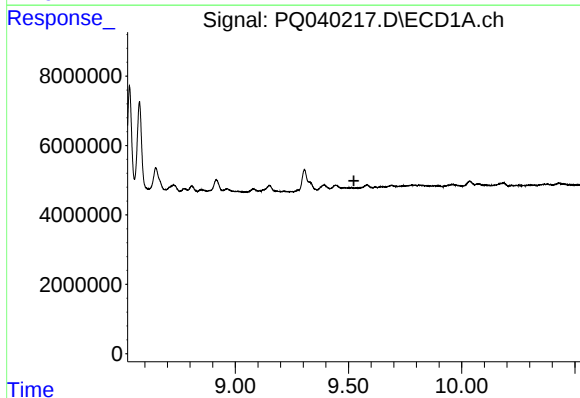
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



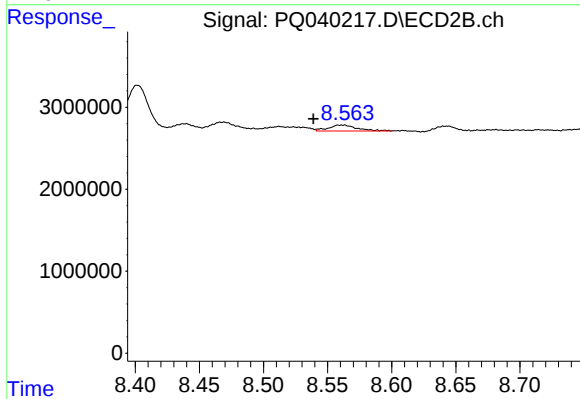
#35 AR-1260-5

R.T.: 9.011 min
Delta R.T.: 0.001 min
Response: 2369668
Conc: 3.53 ng/ml



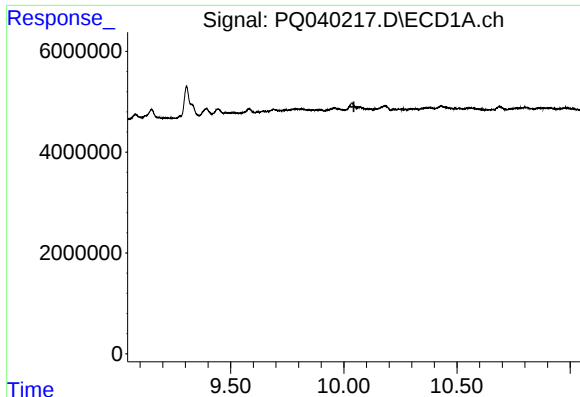
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

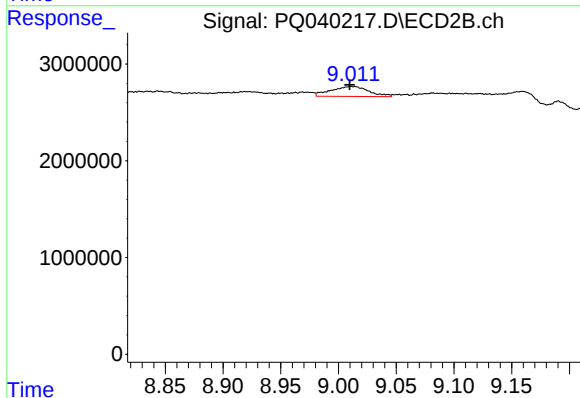
R.T.: 8.562 min
Delta R.T.: 0.023 min
Response: 1111245
Conc: 9.79 ng/ml



#37 AR-1262-2

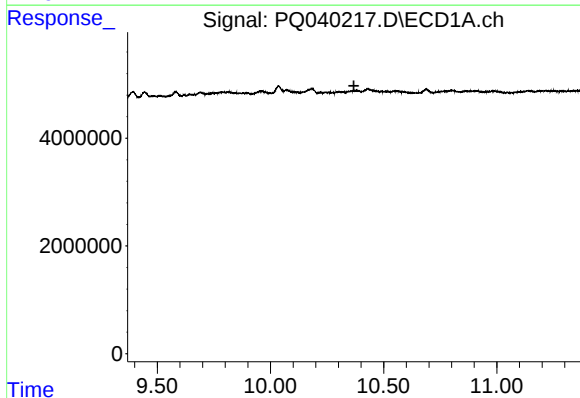
R.T.: 0.000 min
Exp R.T. : 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



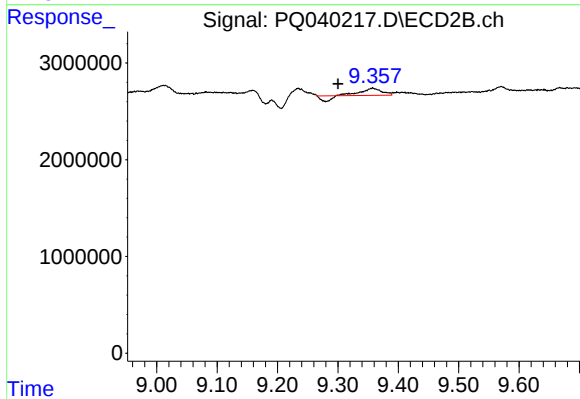
#37 AR-1262-2

R.T.: 9.011 min
Delta R.T.: 0.002 min
Response: 2369668
Conc: 4.78 ng/ml



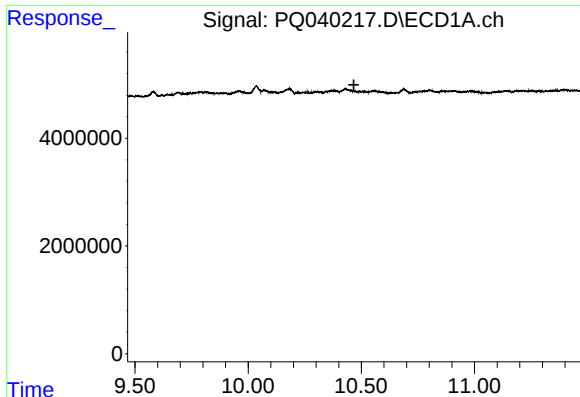
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

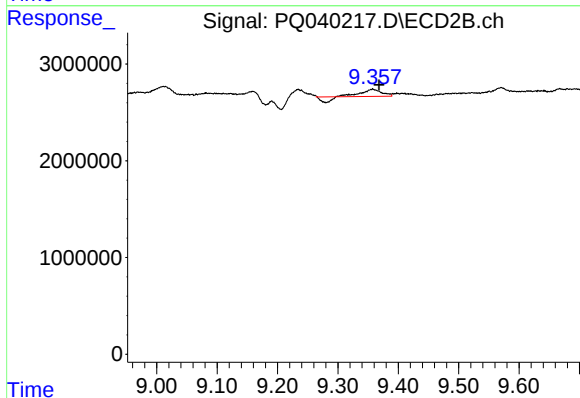
R.T.: 9.358 min
Delta R.T.: 0.057 min
Response: 1279102
Conc: 6.08 ng/ml



#39 AR-1262-4

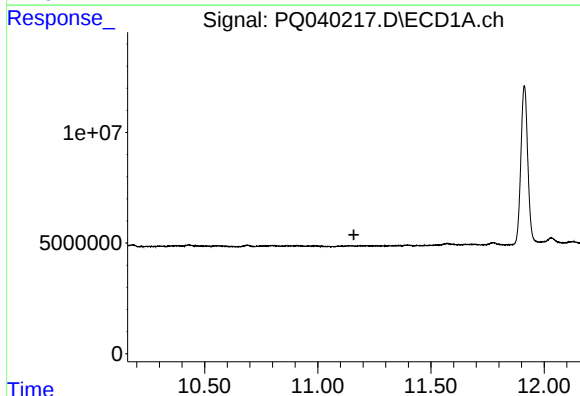
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



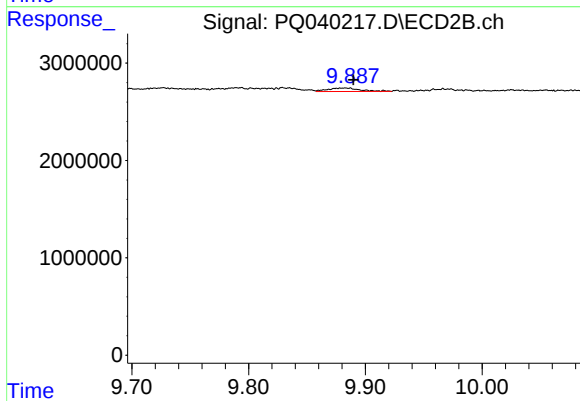
#39 AR-1262-4

R.T.: 9.358 min
Delta R.T.: -0.011 min
Response: 1279102
Conc: 3.38 ng/ml



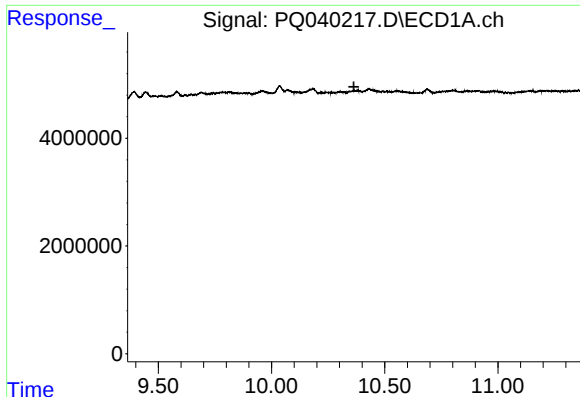
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

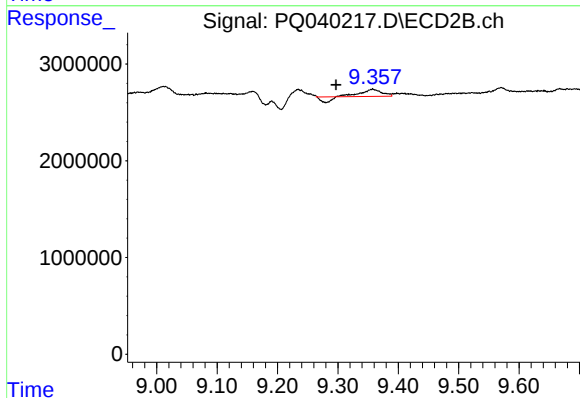
R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 688147
Conc: 4.24 ng/ml



#41 AR-1268-1

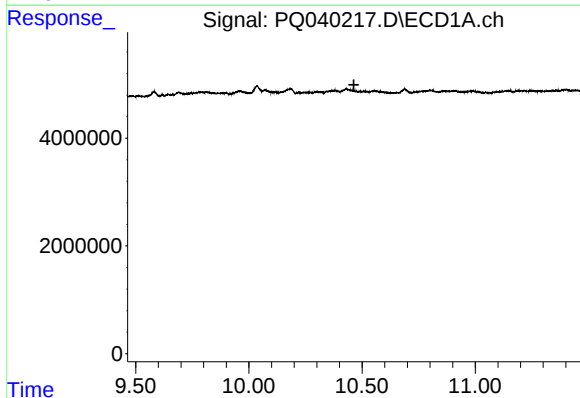
R.T.: 0.000 min
Exp R.T. : 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



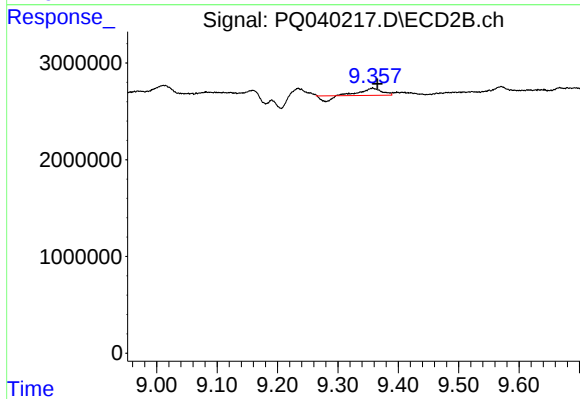
#41 AR-1268-1

R.T.: 9.358 min
Delta R.T.: 0.061 min
Response: 1279102
Conc: 2.80 ng/ml



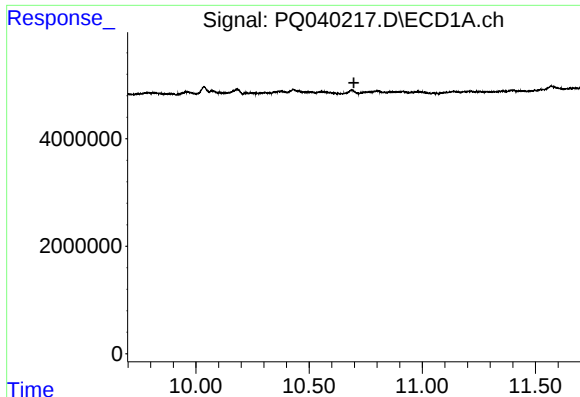
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

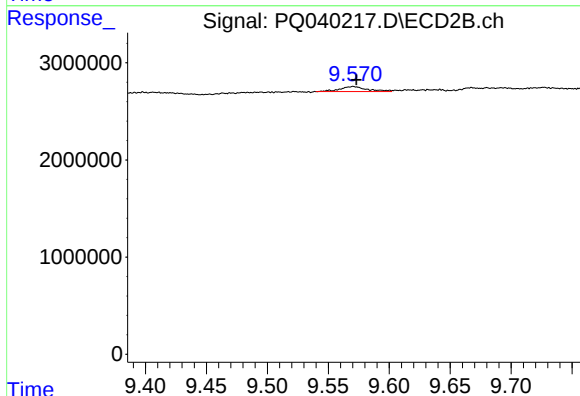
R.T.: 9.358 min
Delta R.T.: -0.008 min
Response: 1279102
Conc: 2.93 ng/ml



#43 AR-1268-3

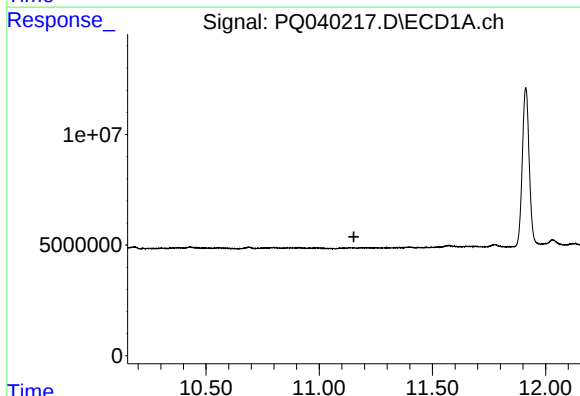
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



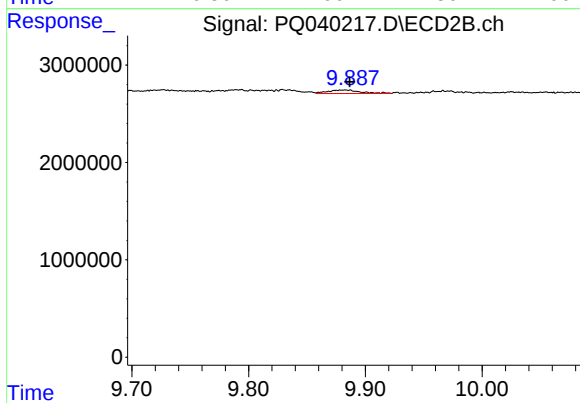
#43 AR-1268-3

R.T.: 9.571 min
Delta R.T.: -0.002 min
Response: 810451
Conc: 2.16 ng/ml



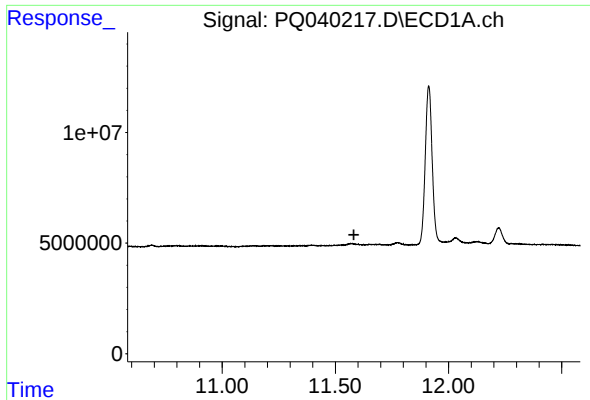
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

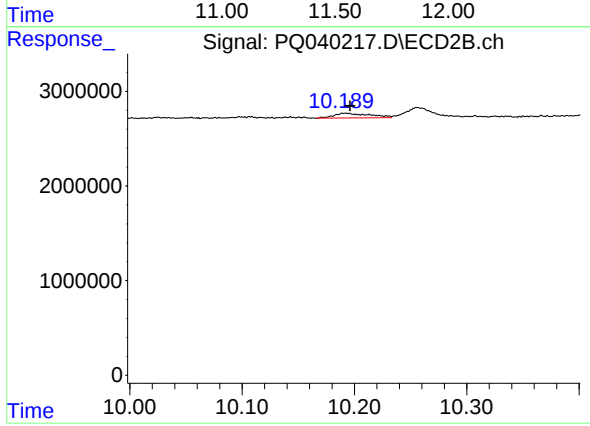
R.T.: 9.883 min
Delta R.T.: -0.004 min
Response: 688147
Conc: 4.99 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.191 min
Delta R.T.: -0.005 min
Response: 1123294
Conc: 0.95 ng/ml