

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 04:51
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 05:13:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 2019
 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...	5.694	4.783	23432062	8562296	14.707	14.136
2)	SA Decachlor...	12.078	10.553	103.7E6	52324132	16.435	16.705
Target Compounds							
3)	L1 AR-1016-1	7.135	6.237	2293298	870187	33.571	29.500
4)	L1 AR-1016-2	7.161	6.259	4213550	1265979	43.004	32.319
5)	L1 AR-1016-3	7.230	6.473	2692101	649905	44.711	30.895 #
6)	L1 AR-1016-4	7.345	6.528	2115468	732157	42.229	42.025
7)	L1 AR-1016-5	7.678	6.780	1605367	765230	30.333	34.191
8)	L2 AR-1221-1	0.000	5.054	0	24131	N.D.	4.140 #
9)	L2 AR-1221-2	0.000	5.205	0	216971	N.D.	45.124 #
10)	L2 AR-1221-3	0.000	5.316	0	513743	N.D.	31.301 #
11)	L3 AR-1232-1	0.000	5.316	0	513743	N.D.	27.803 #
12)	L3 AR-1232-2	6.820	6.259	2447919	1265979	97.503	63.459 #
13)	L3 AR-1232-3	7.161	6.473	4213550	649905	78.808	59.873
14)	L3 AR-1232-4	7.345	6.577	2115468	956236	81.727	93.667
15)	L3 AR-1232-5	7.450	6.780	1387636	765230	68.007	69.906
16)	L4 AR-1242-1	7.135	6.237	2293298	870187	56.006	50.369
17)	L4 AR-1242-2	7.161	6.259	4213550	1265979	71.526	54.515
18)	L4 AR-1242-3	7.230	6.473	2692101	649905	72.257	52.584 #
19)	L4 AR-1242-4	7.345	6.577	2115468	956236	70.978	75.259
20)	L4 AR-1242-5	0.000	7.189	0	864174	N.D.	43.163 #
21)	L5 AR-1248-1	7.135	6.237	2293298	870187	72.574	69.094
22)	L5 AR-1248-2	7.450	6.528	1387636	732157	32.430	41.342 #
23)	L5 AR-1248-3	7.678	6.577	1605367	956236	29.933	51.076 #
24)	L5 AR-1248-4	8.096	6.780	1886027	765230	26.148	33.163 #
25)	L5 AR-1248-5	0.000	7.243	0	162740	N.D.	5.742 #
26)	L6 AR-1254-1	8.096	7.189	1886027	864174	26.271	19.104 #
27)	L6 AR-1254-2	8.332	7.357	2323094	1120687	18.895	25.429 #
28)	L6 AR-1254-3	8.727	7.822	1680506	1937683	11.555	25.977 #
29)	L6 AR-1254-4	9.025	8.053	3134529	486103	24.353	8.784 #
30)	L6 AR-1254-5	9.465	8.498	9304021	3325455	61.265	40.804 #
31)	L7 AR-1260-1	8.899	7.947	7184802	2483372	55.310	42.779
32)	L7 AR-1260-2	9.170	8.148	6619655	3373373	39.851	44.123
33)	L7 AR-1260-3	9.542	8.315	5452249	2786896	39.719	39.750
34)	L7 AR-1260-4	9.785	8.813	6340820	2597602	37.299	39.403
35)	L7 AR-1260-5	10.130	9.063	14806068	6327214	37.652	33.698
36)	L8 AR-1262-1	9.542	8.539	5452249	2500231	24.773	25.287
37)	L8 AR-1262-2	10.130	9.063	14806068	6327214	28.961	28.309
38)	L8 AR-1262-3	10.483	9.357	9914914	2398930	25.834	20.850
39)	L8 AR-1262-4	10.544	9.424	6811247	7373382	39.897	32.727
40)	L8 AR-1262-5	11.267	9.949	6397568	4471460	21.981	28.942 #
41)	L9 AR-1268-1	10.483	9.357	9914914	2398930	15.480	7.337 #

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 Acq On : 12 Sep 2019 04:51
 Operator : SM\AJ
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 Misc : AR1660 LOD 40 PPB
 ALS Vial : 38 Sample Multiplier: 1

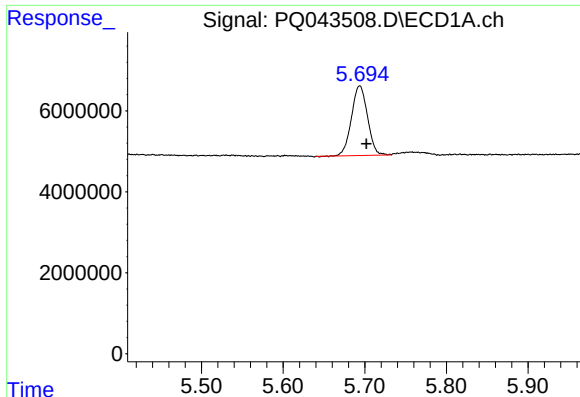
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 05:13:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.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
42) L9	AR-1268-2	10.544	9.424	6811247	7373382	10.961	23.053 #
43) L9	AR-1268-3	0.000	9.641	0	1205126	N.D.	4.253 #
44) L9	AR-1268-4	11.267	9.949	6397568	4471460	22.054	27.512
45) L9	AR-1268-5	11.714	10.270	2758199	1230797	1.157	0.980

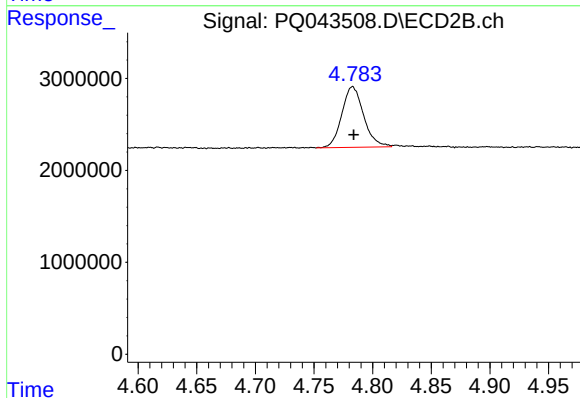
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

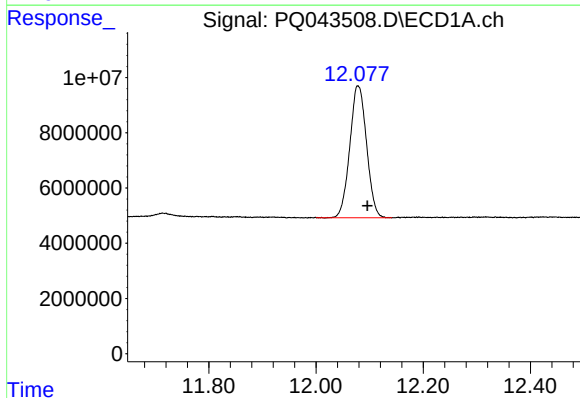
R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 23432062
Conc: 14.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



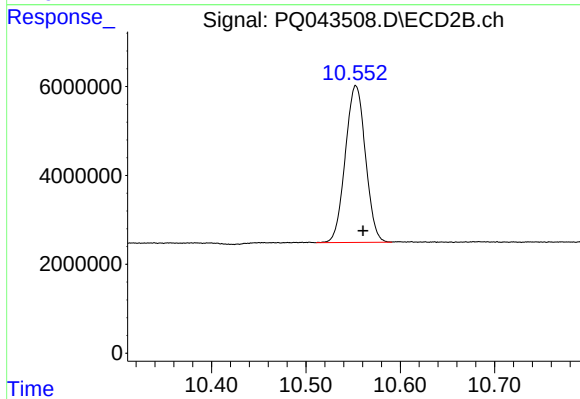
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 8562296
Conc: 14.14 ng/ml



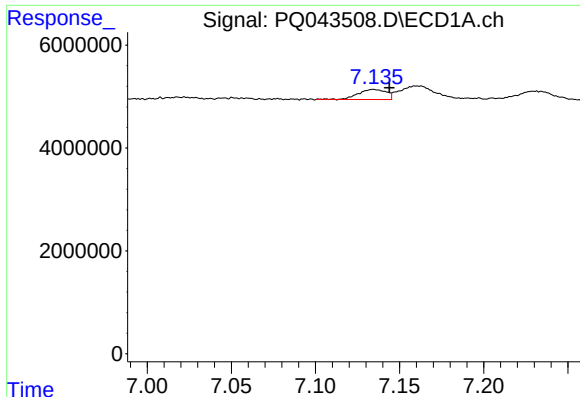
#2 Decachlorobiphenyl

R.T.: 12.078 min
Delta R.T.: -0.018 min
Response: 103653144
Conc: 16.43 ng/ml



#2 Decachlorobiphenyl

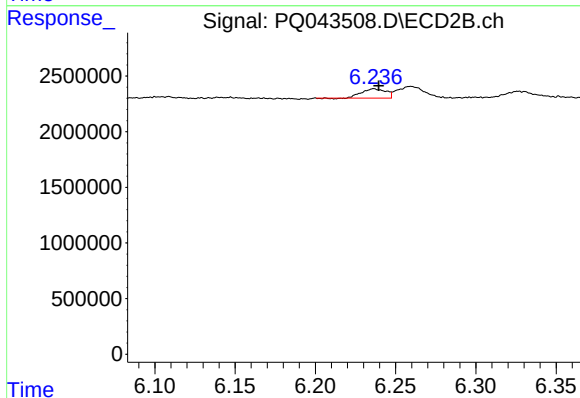
R.T.: 10.553 min
Delta R.T.: -0.008 min
Response: 52324132
Conc: 16.71 ng/ml



#3 AR-1016-1

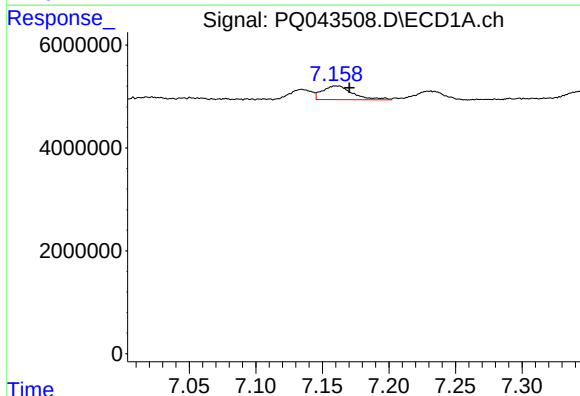
R.T.: 7.135 min
Delta R.T.: -0.010 min
Response: 2293298
Conc: 33.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



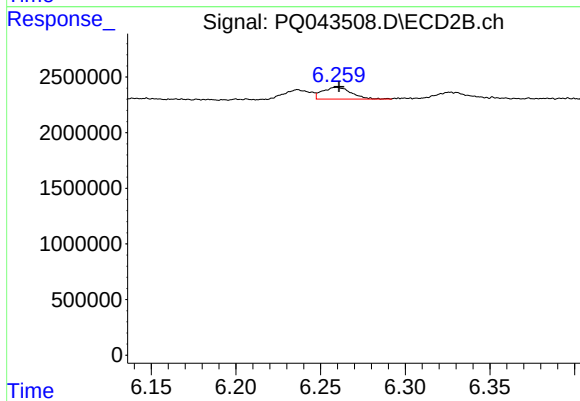
#3 AR-1016-1

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 870187
Conc: 29.50 ng/ml



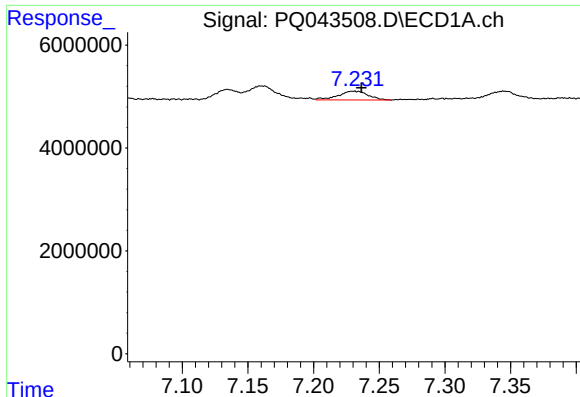
#4 AR-1016-2

R.T.: 7.161 min
Delta R.T.: -0.010 min
Response: 4213550
Conc: 43.00 ng/ml



#4 AR-1016-2

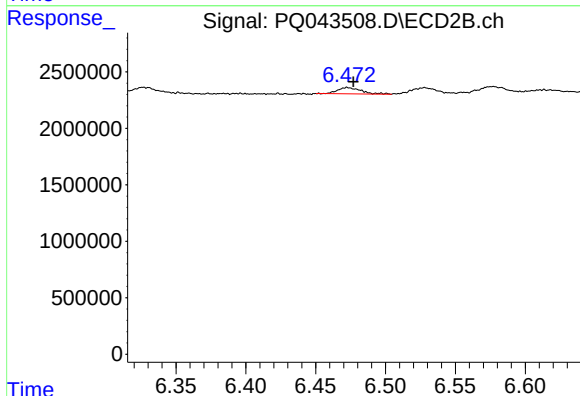
R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 1265979
Conc: 32.32 ng/ml



#5 AR-1016-3

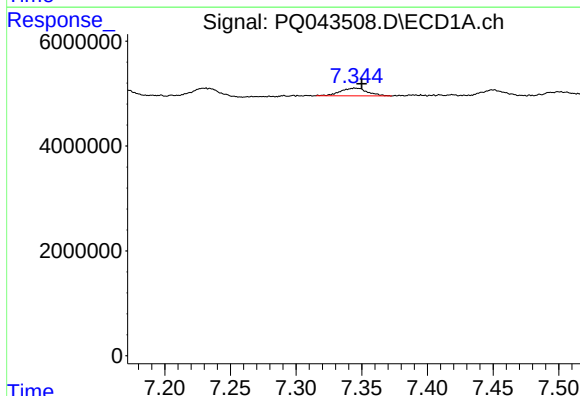
R.T.: 7.230 min
Delta R.T.: -0.006 min
Response: 2692101
Conc: 44.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



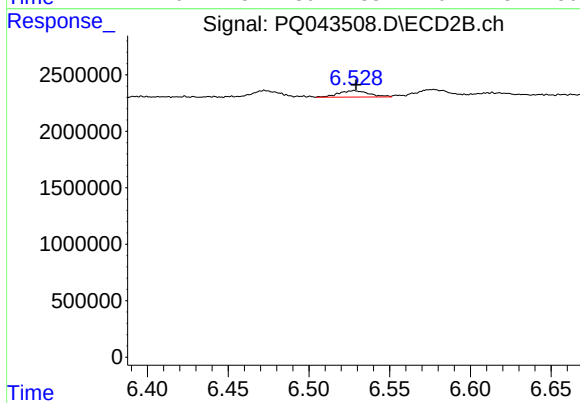
#5 AR-1016-3

R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 649905
Conc: 30.89 ng/ml



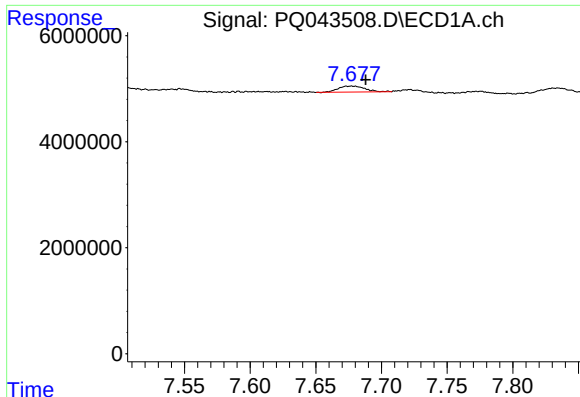
#6 AR-1016-4

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 2115468
Conc: 42.23 ng/ml



#6 AR-1016-4

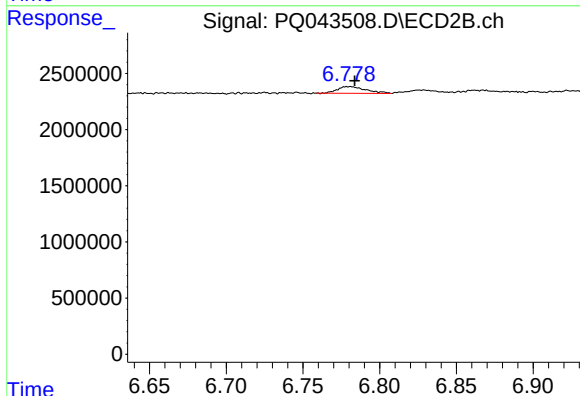
R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 732157
Conc: 42.02 ng/ml



#7 AR-1016-5

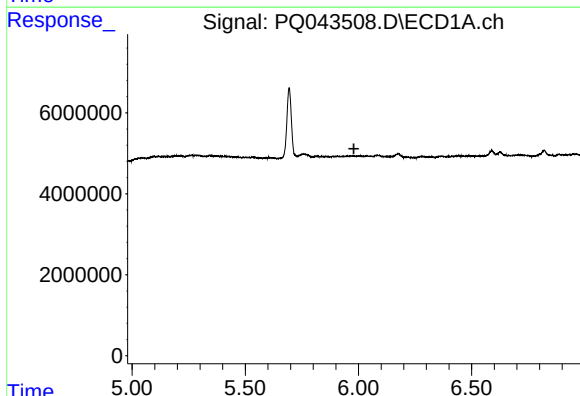
R.T.: 7.678 min
Delta R.T.: -0.010 min
Response: 1605367
Conc: 30.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



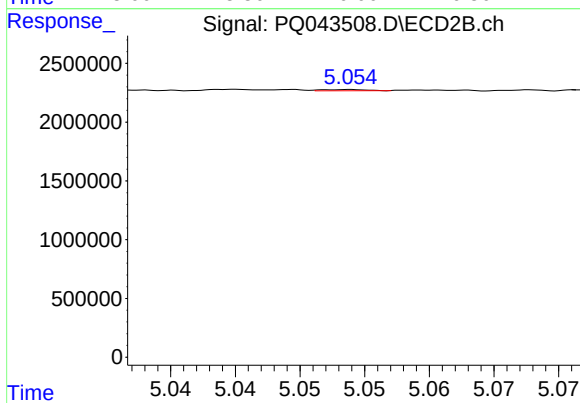
#7 AR-1016-5

R.T.: 6.780 min
Delta R.T.: -0.004 min
Response: 765230
Conc: 34.19 ng/ml



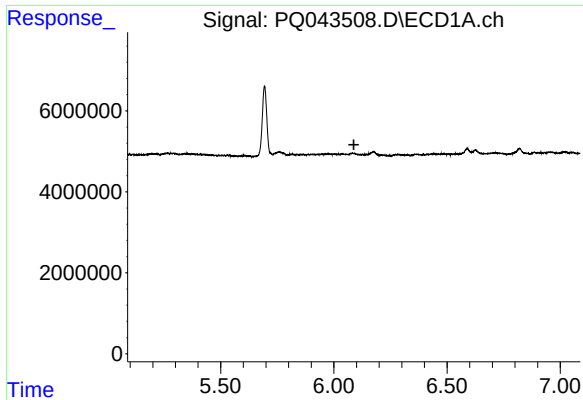
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

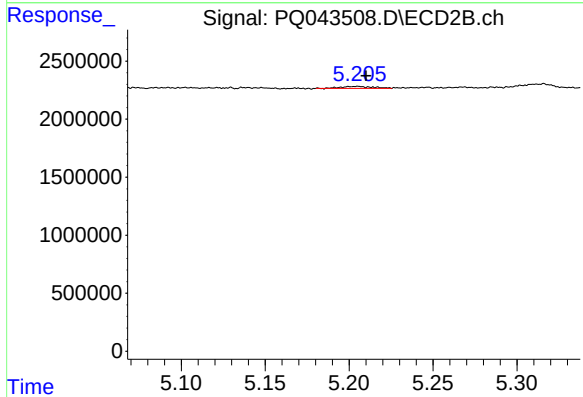
R.T.: 5.054 min
Delta R.T.: -0.038 min
Response: 24131
Conc: 4.14 ng/ml



#9 AR-1221-2

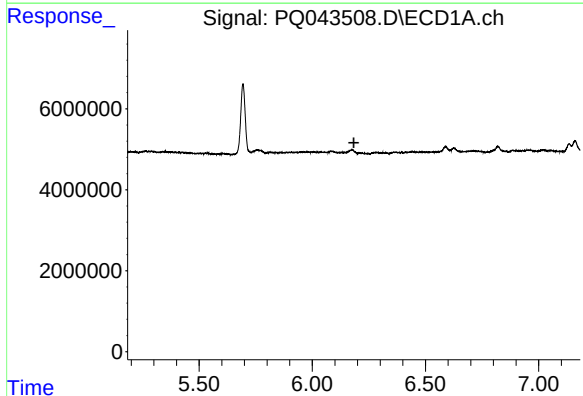
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



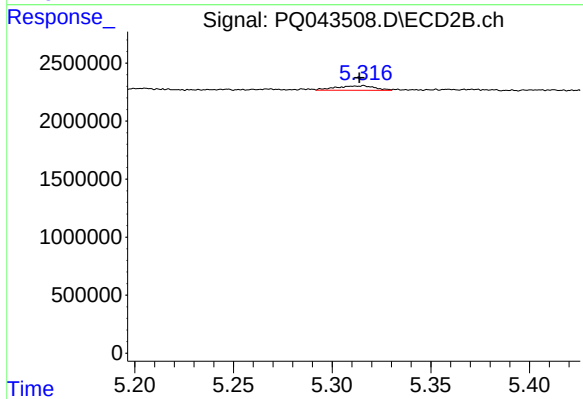
#9 AR-1221-2

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 216971
Conc: 45.12 ng/ml



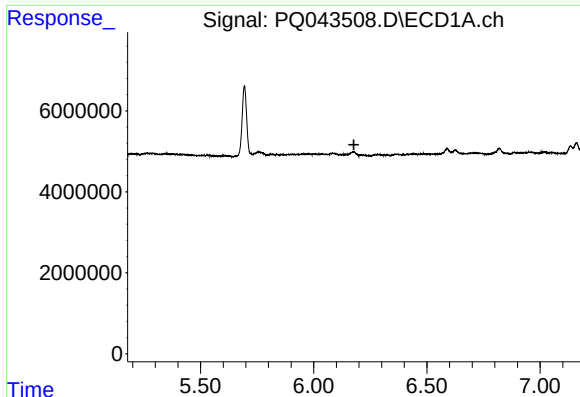
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.



#10 AR-1221-3

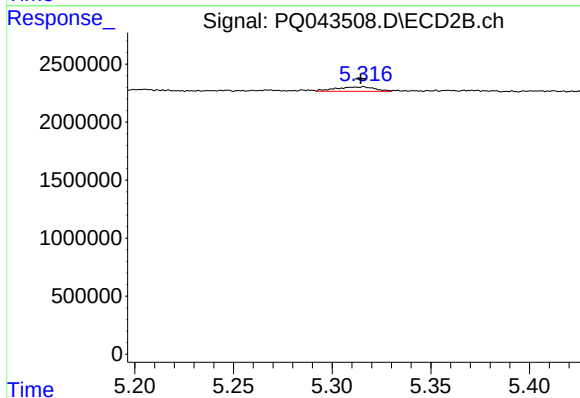
R.T.: 5.316 min
Delta R.T.: 0.002 min
Response: 513743
Conc: 31.30 ng/ml



#11 AR-1232-1

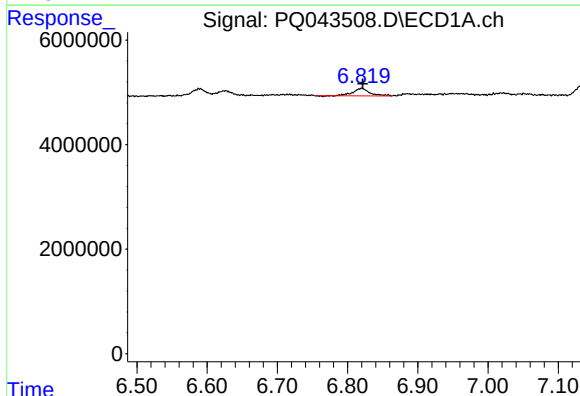
R.T.: 0.000 min
Exp R.T.: 6.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



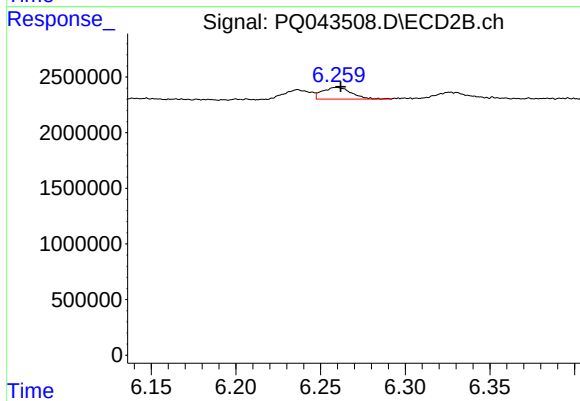
#11 AR-1232-1

R.T.: 5.316 min
Delta R.T.: 0.002 min
Response: 513743
Conc: 27.80 ng/ml



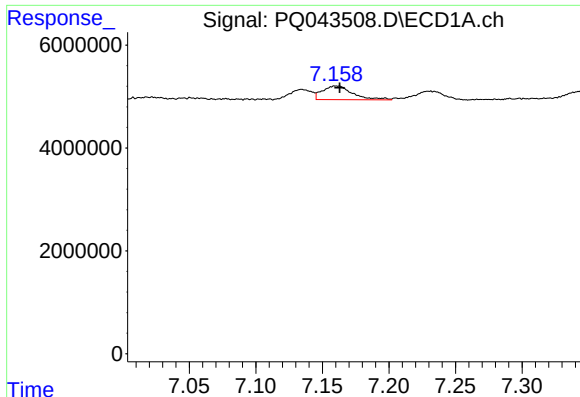
#12 AR-1232-2

R.T.: 6.820 min
Delta R.T.: -0.001 min
Response: 2447919
Conc: 97.50 ng/ml



#12 AR-1232-2

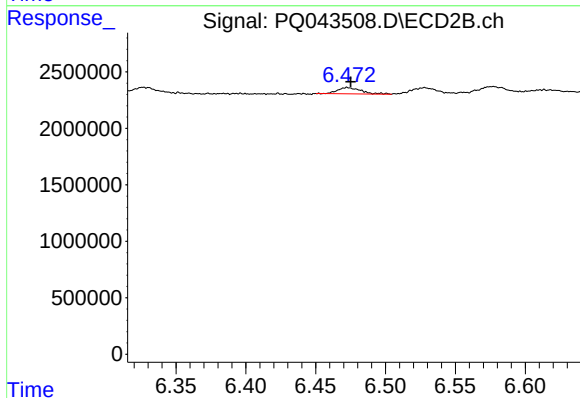
R.T.: 6.259 min
Delta R.T.: -0.002 min
Response: 1265979
Conc: 63.46 ng/ml



#13 AR-1232-3

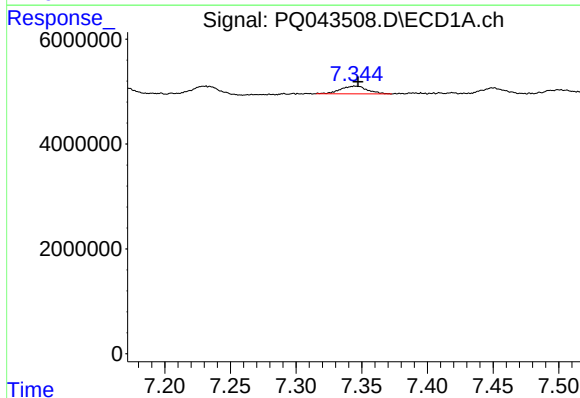
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 4213550
Conc: 78.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



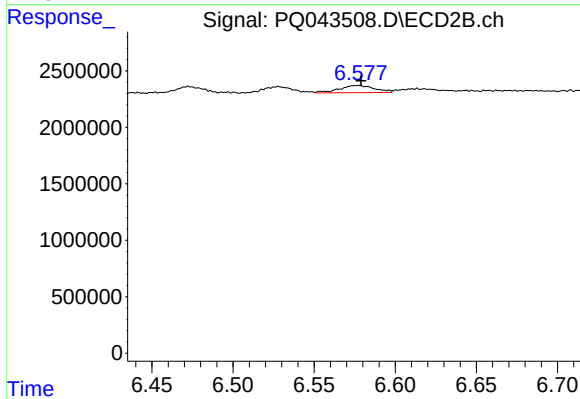
#13 AR-1232-3

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 649905
Conc: 59.87 ng/ml



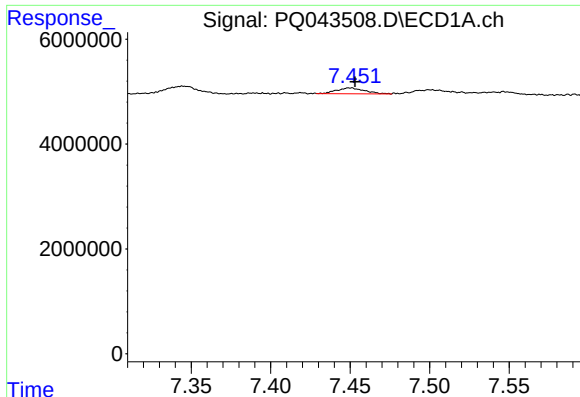
#14 AR-1232-4

R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 2115468
Conc: 81.73 ng/ml



#14 AR-1232-4

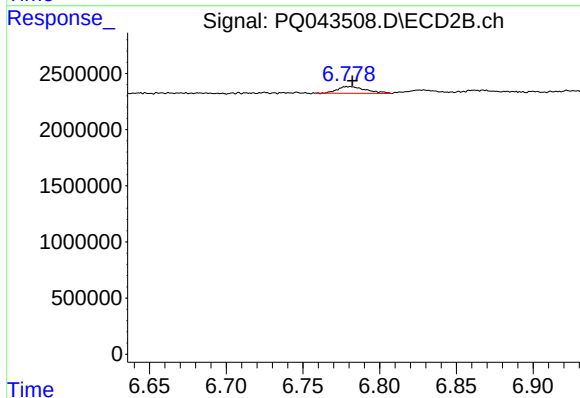
R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 956236
Conc: 93.67 ng/ml



#15 AR-1232-5

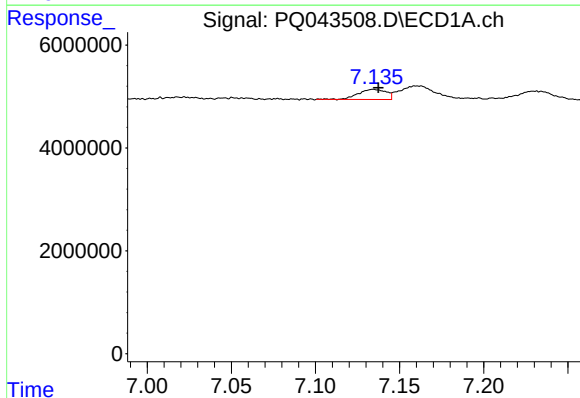
R.T.: 7.450 min
Delta R.T.: -0.003 min
Response: 1387636
Conc: 68.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



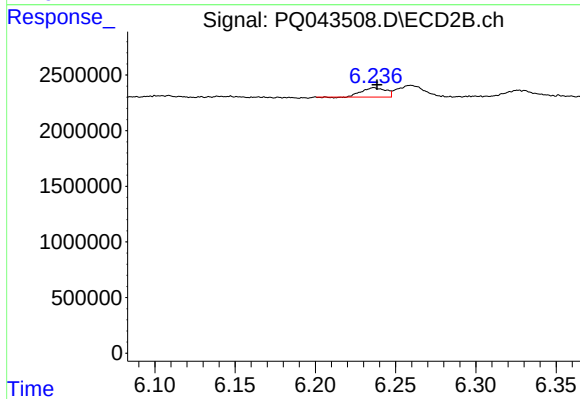
#15 AR-1232-5

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 765230
Conc: 69.91 ng/ml



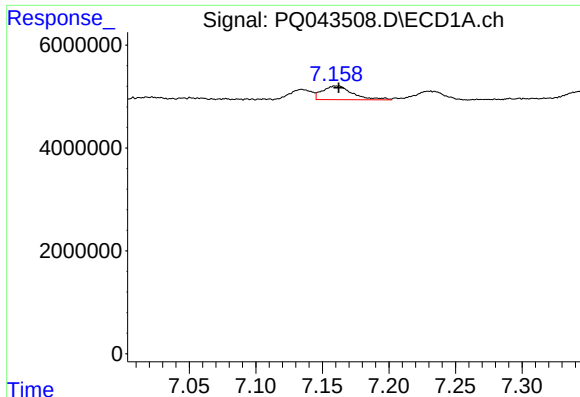
#16 AR-1242-1

R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 2293298
Conc: 56.01 ng/ml



#16 AR-1242-1

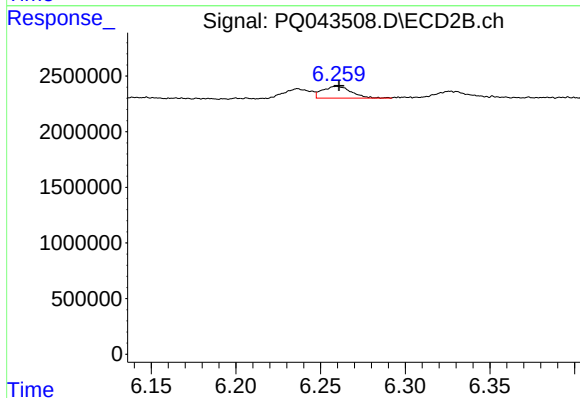
R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 870187
Conc: 50.37 ng/ml



#17 AR-1242-2

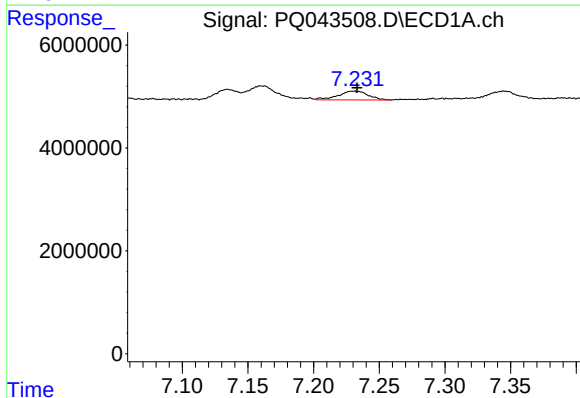
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 4213550
Conc: 71.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



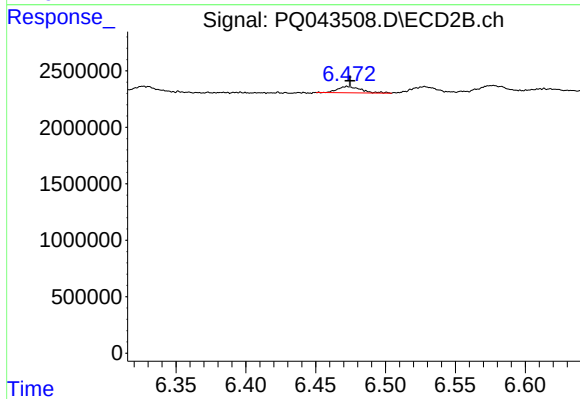
#17 AR-1242-2

R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 1265979
Conc: 54.51 ng/ml



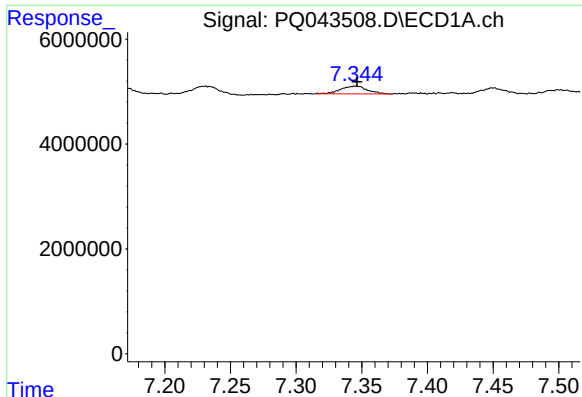
#18 AR-1242-3

R.T.: 7.230 min
Delta R.T.: -0.003 min
Response: 2692101
Conc: 72.26 ng/ml



#18 AR-1242-3

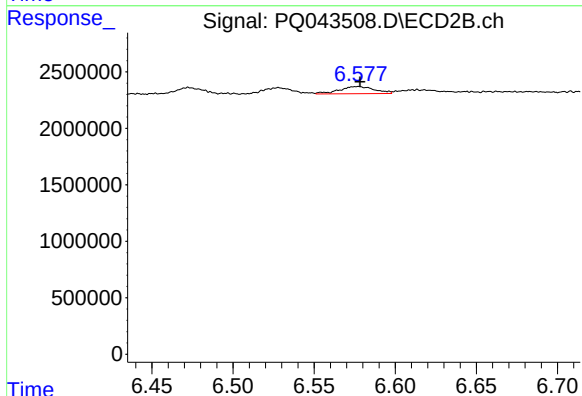
R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 649905
Conc: 52.58 ng/ml



#19 AR-1242-4

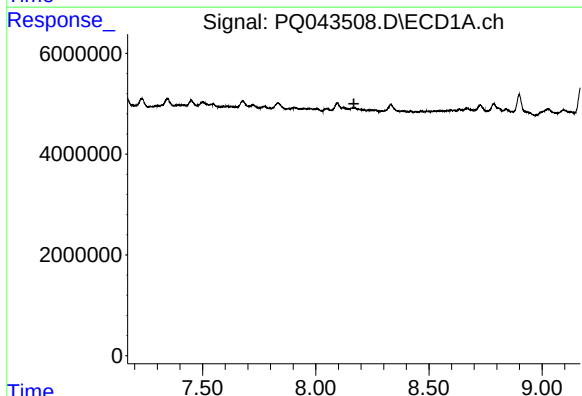
R.T.: 7.345 min
Delta R.T.: -0.001 min
Response: 2115468
Conc: 70.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



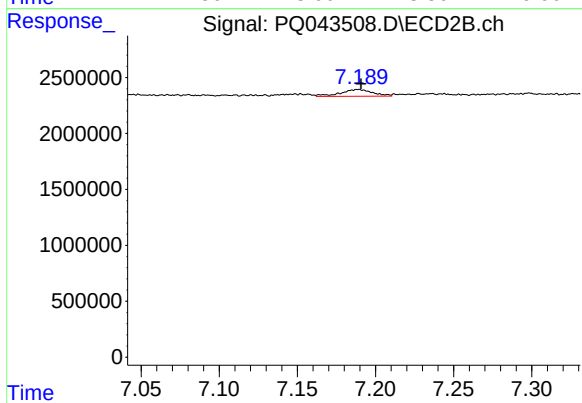
#19 AR-1242-4

R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 956236
Conc: 75.26 ng/ml



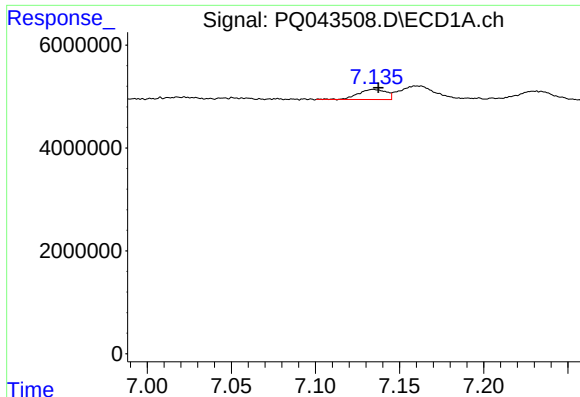
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.168 min
Response: 0
Conc: N.D.



#20 AR-1242-5

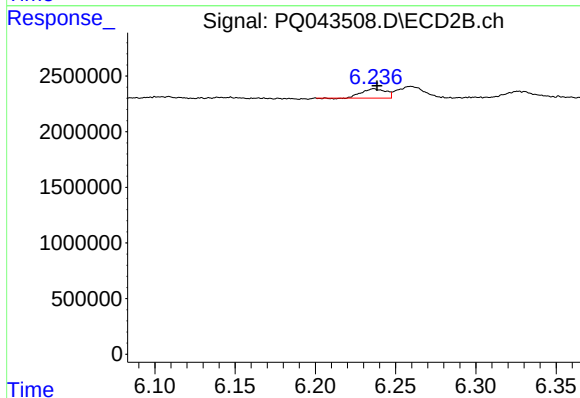
R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 864174
Conc: 43.16 ng/ml



#21 AR-1248-1

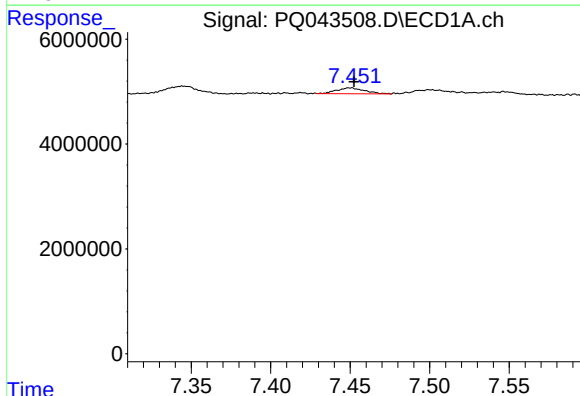
R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 2293298
Conc: 72.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



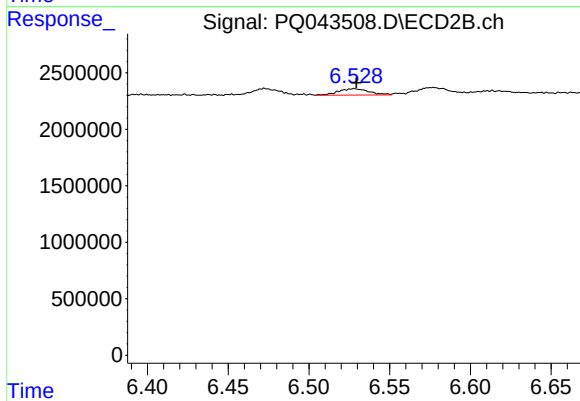
#21 AR-1248-1

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 870187
Conc: 69.09 ng/ml



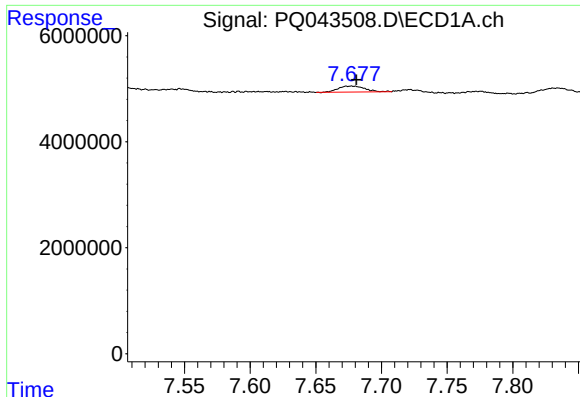
#22 AR-1248-2

R.T.: 7.450 min
Delta R.T.: -0.003 min
Response: 1387636
Conc: 32.43 ng/ml



#22 AR-1248-2

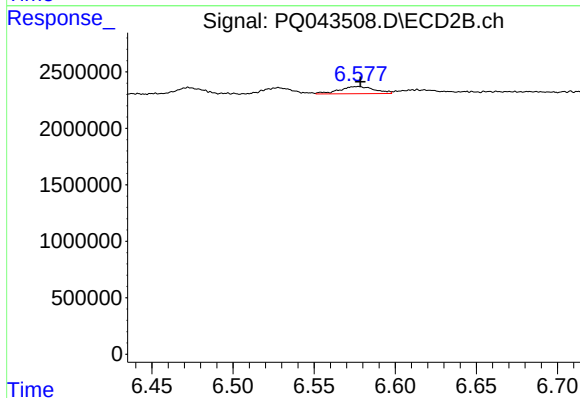
R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 732157
Conc: 41.34 ng/ml



#23 AR-1248-3

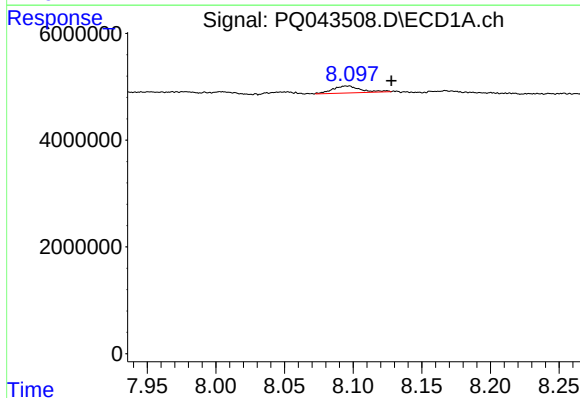
R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 1605367
Conc: 29.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



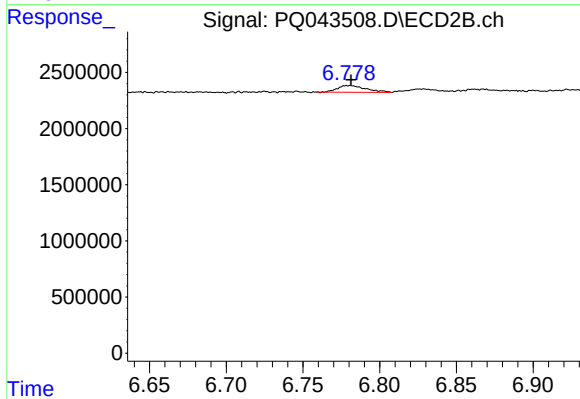
#23 AR-1248-3

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 956236
Conc: 51.08 ng/ml



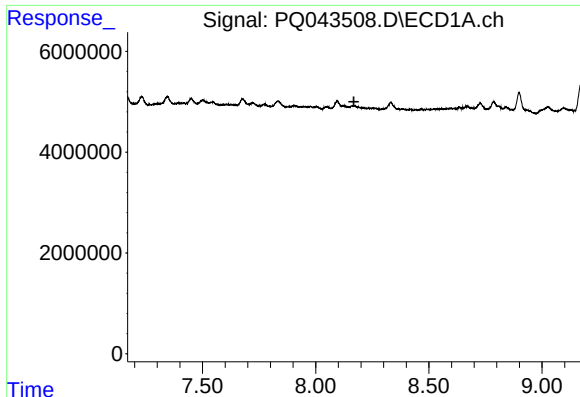
#24 AR-1248-4

R.T.: 8.096 min
Delta R.T.: -0.032 min
Response: 1886027
Conc: 26.15 ng/ml



#24 AR-1248-4

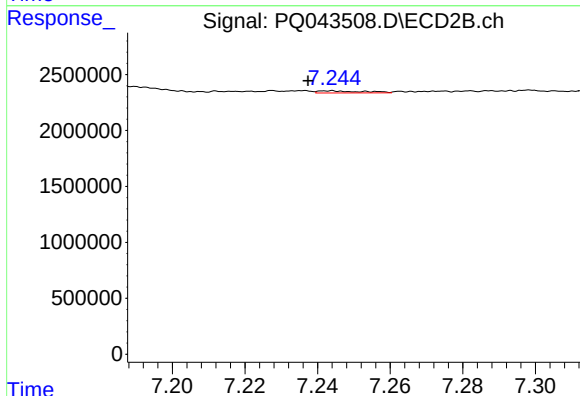
R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 765230
Conc: 33.16 ng/ml



#25 AR-1248-5

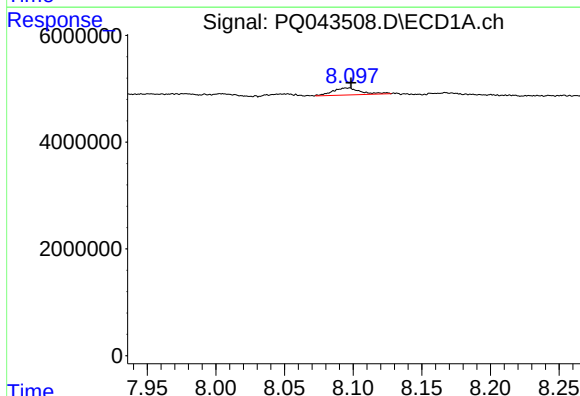
R.T.: 0.000 min
Exp R.T.: 8.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



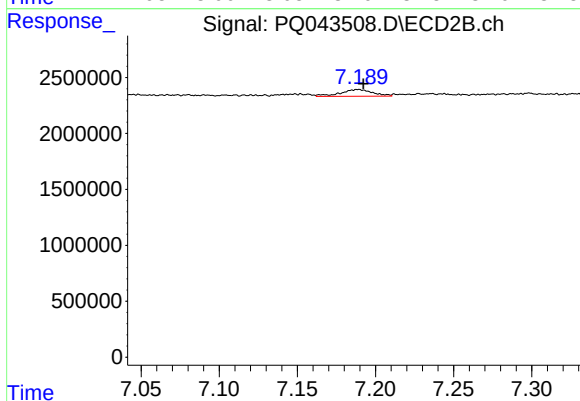
#25 AR-1248-5

R.T.: 7.243 min
Delta R.T.: 0.006 min
Response: 162740
Conc: 5.74 ng/ml



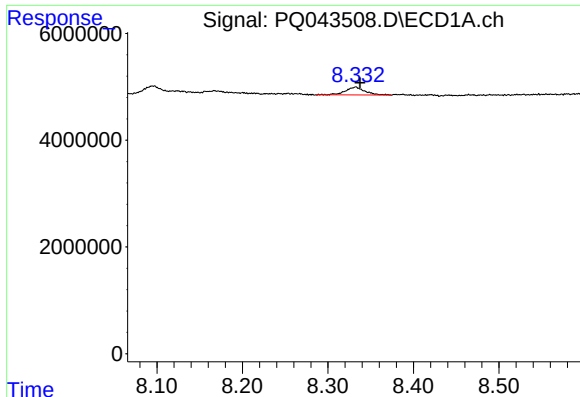
#26 AR-1254-1

R.T.: 8.096 min
Delta R.T.: -0.003 min
Response: 1886027
Conc: 26.27 ng/ml



#26 AR-1254-1

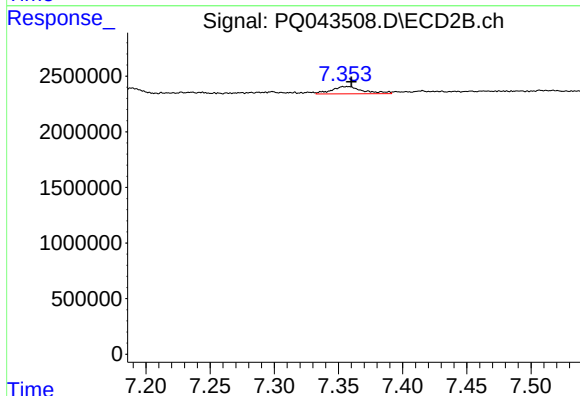
R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 864174
Conc: 19.10 ng/ml



#27 AR-1254-2

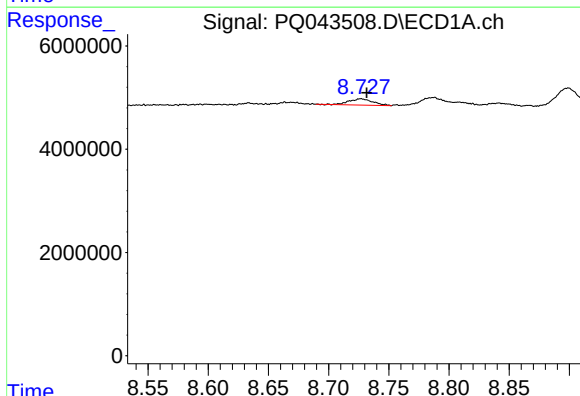
R.T.: 8.332 min
Delta R.T.: -0.005 min
Response: 2323094
Conc: 18.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



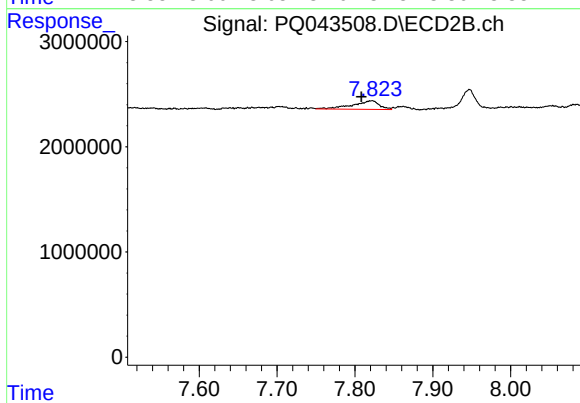
#27 AR-1254-2

R.T.: 7.357 min
Delta R.T.: -0.003 min
Response: 1120687
Conc: 25.43 ng/ml



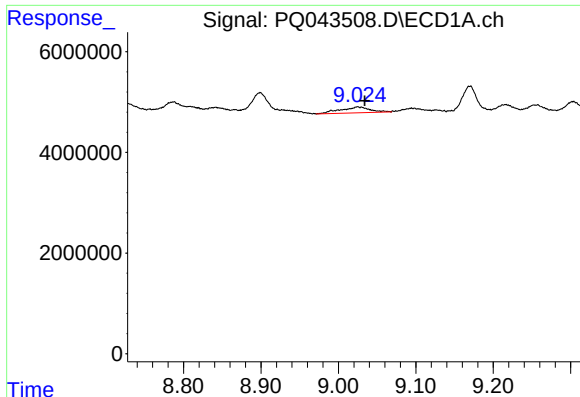
#28 AR-1254-3

R.T.: 8.727 min
Delta R.T.: -0.005 min
Response: 1680506
Conc: 11.55 ng/ml



#28 AR-1254-3

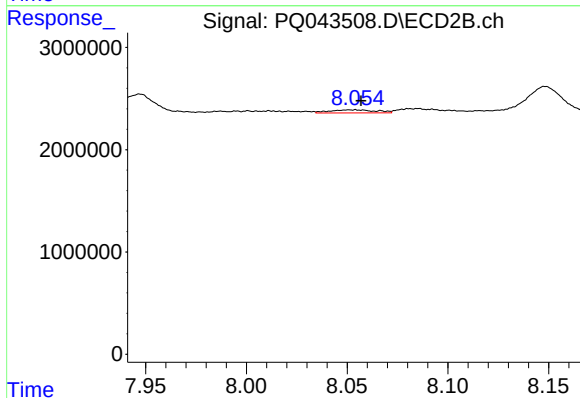
R.T.: 7.822 min
Delta R.T.: 0.013 min
Response: 1937683
Conc: 25.98 ng/ml



#29 AR-1254-4

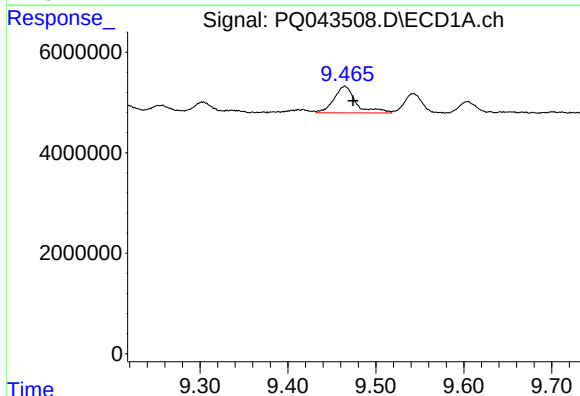
R.T.: 9.025 min
Delta R.T.: -0.009 min
Response: 3134529
Conc: 24.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



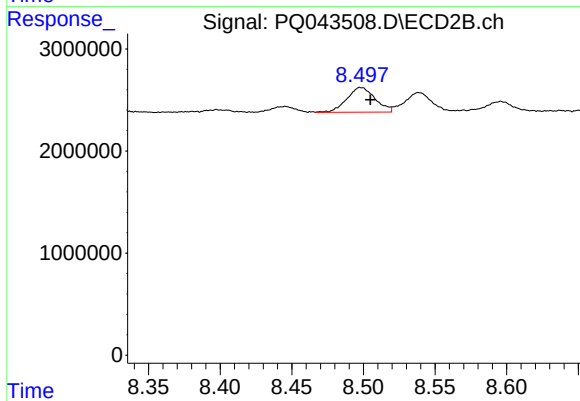
#29 AR-1254-4

R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 486103
Conc: 8.78 ng/ml



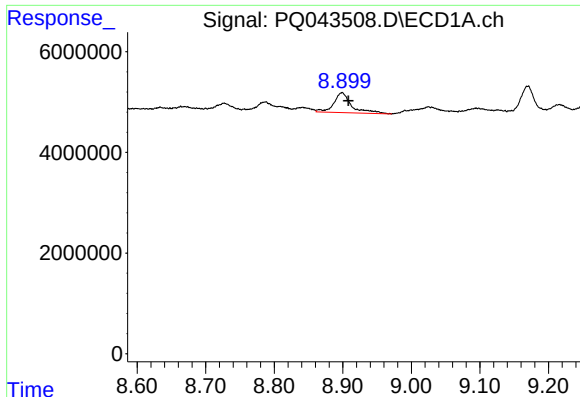
#30 AR-1254-5

R.T.: 9.465 min
Delta R.T.: -0.009 min
Response: 9304021
Conc: 61.27 ng/ml



#30 AR-1254-5

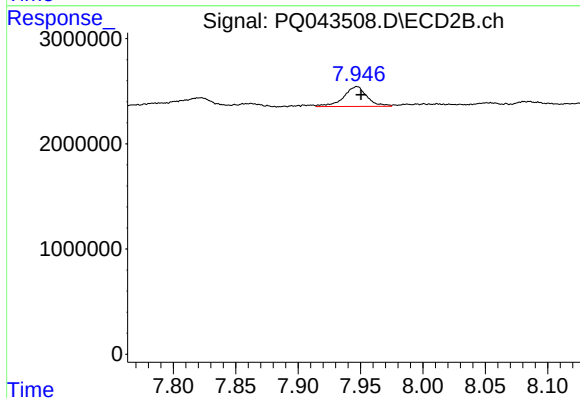
R.T.: 8.498 min
Delta R.T.: -0.007 min
Response: 3325455
Conc: 40.80 ng/ml



#31 AR-1260-1

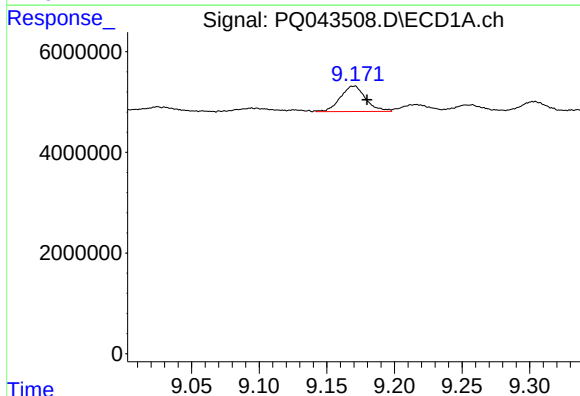
R.T.: 8.899 min
Delta R.T.: -0.009 min
Response: 7184802
Conc: 55.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



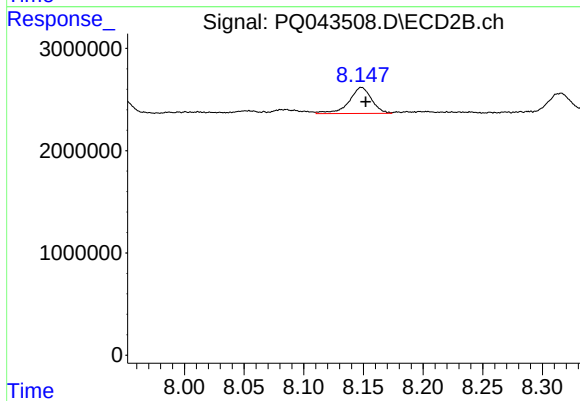
#31 AR-1260-1

R.T.: 7.947 min
Delta R.T.: -0.003 min
Response: 2483372
Conc: 42.78 ng/ml



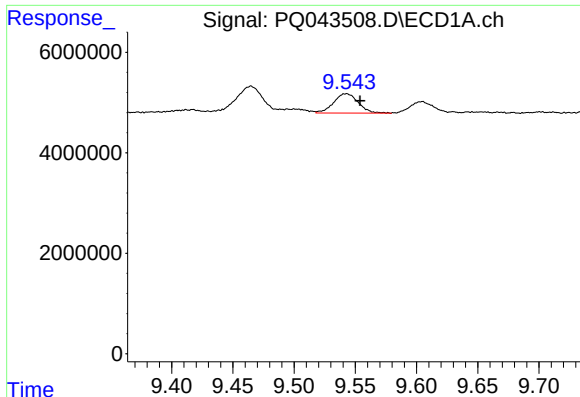
#32 AR-1260-2

R.T.: 9.170 min
Delta R.T.: -0.010 min
Response: 6619655
Conc: 39.85 ng/ml



#32 AR-1260-2

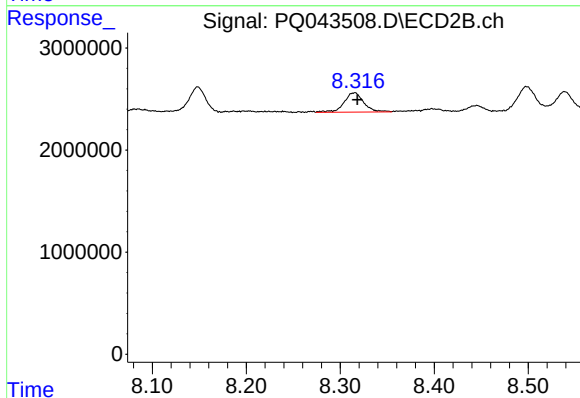
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 3373373
Conc: 44.12 ng/ml



#33 AR-1260-3

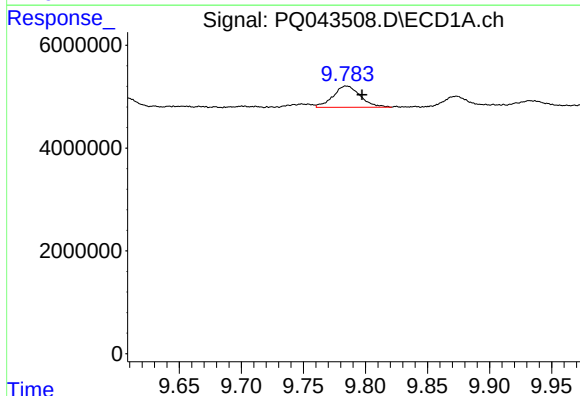
R.T.: 9.542 min
Delta R.T.: -0.011 min
Response: 5452249
Conc: 39.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



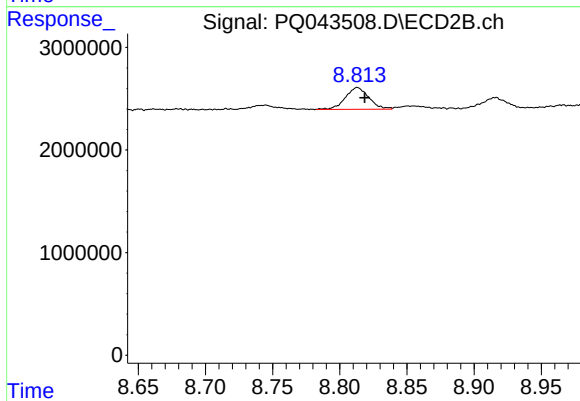
#33 AR-1260-3

R.T.: 8.315 min
Delta R.T.: -0.003 min
Response: 2786896
Conc: 39.75 ng/ml



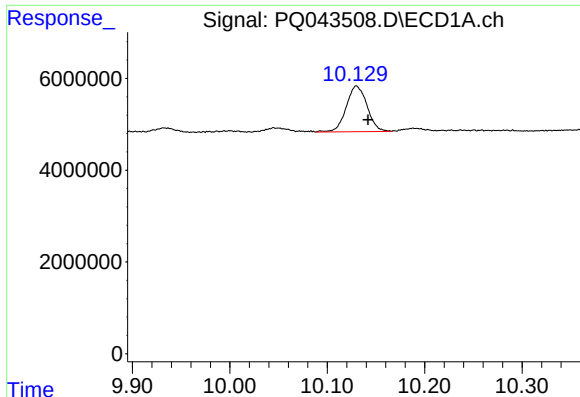
#34 AR-1260-4

R.T.: 9.785 min
Delta R.T.: -0.012 min
Response: 6340820
Conc: 37.30 ng/ml



#34 AR-1260-4

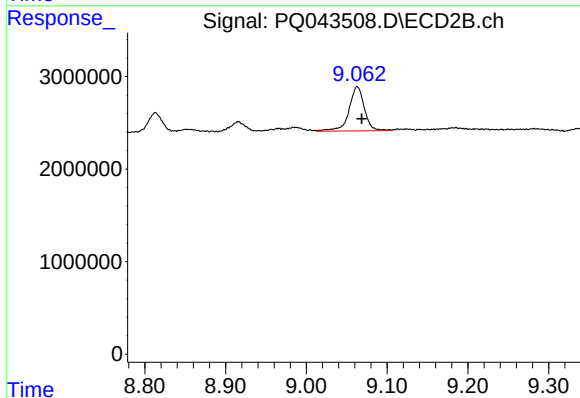
R.T.: 8.813 min
Delta R.T.: -0.005 min
Response: 2597602
Conc: 39.40 ng/ml



#35 AR-1260-5

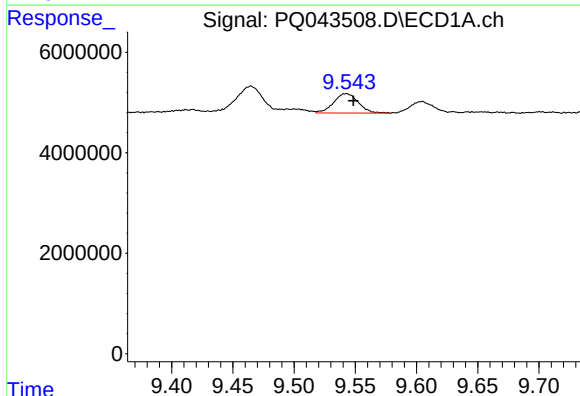
R.T.: 10.130 min
Delta R.T.: -0.012 min
Response: 14806068
Conc: 37.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



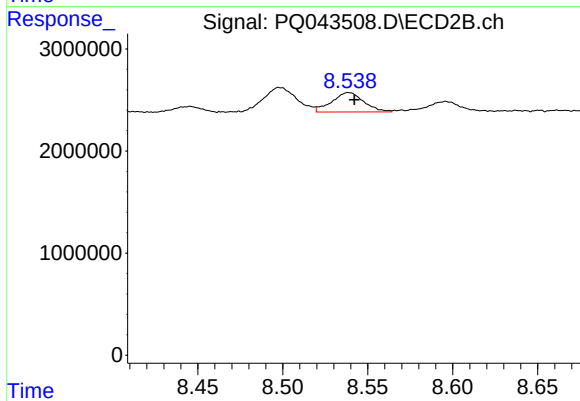
#35 AR-1260-5

R.T.: 9.063 min
Delta R.T.: -0.006 min
Response: 6327214
Conc: 33.70 ng/ml



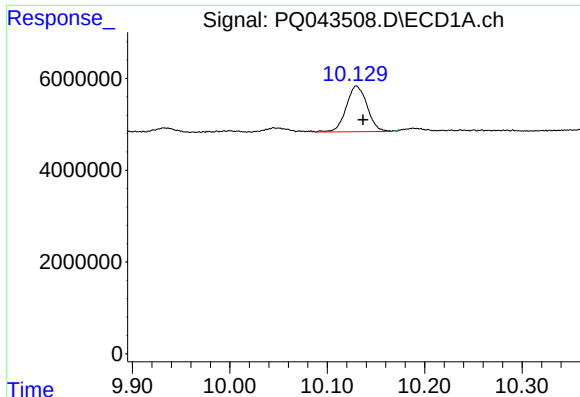
#36 AR-1262-1

R.T.: 9.542 min
Delta R.T.: -0.006 min
Response: 5452249
Conc: 24.77 ng/ml



#36 AR-1262-1

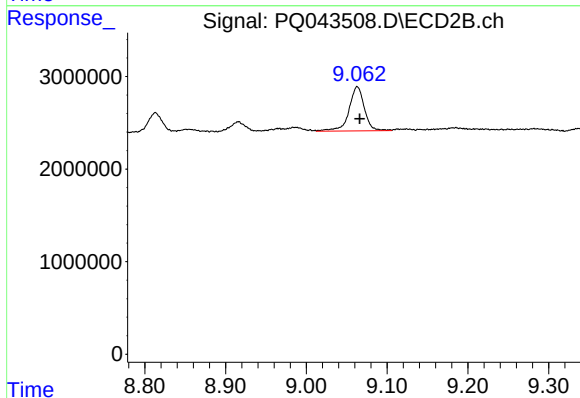
R.T.: 8.539 min
Delta R.T.: -0.003 min
Response: 2500231
Conc: 25.29 ng/ml



#37 AR-1262-2

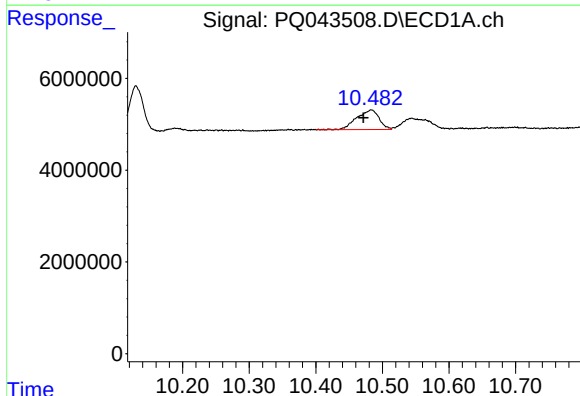
R.T.: 10.130 min
Delta R.T.: -0.007 min
Response: 14806068
Conc: 28.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



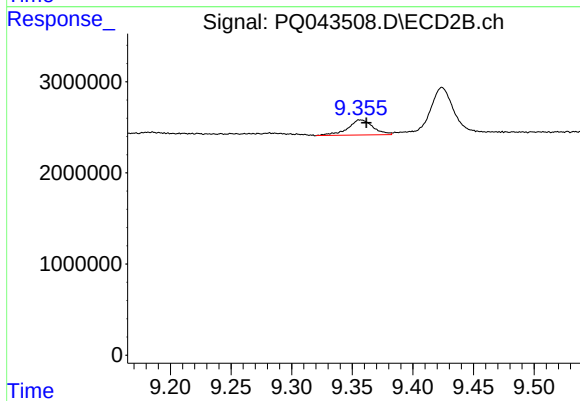
#37 AR-1262-2

R.T.: 9.063 min
Delta R.T.: -0.003 min
Response: 6327214
Conc: 28.31 ng/ml



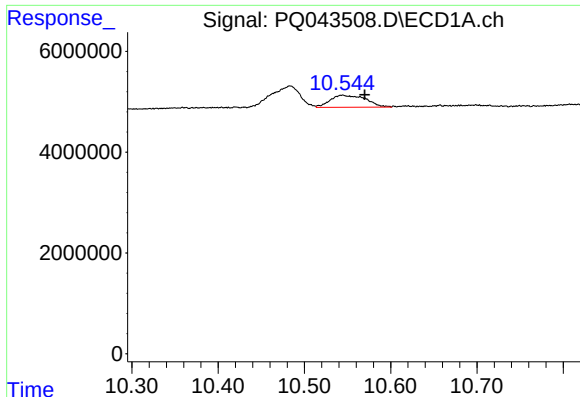
#38 AR-1262-3

R.T.: 10.483 min
Delta R.T.: 0.012 min
Response: 9914914
Conc: 25.83 ng/ml



#38 AR-1262-3

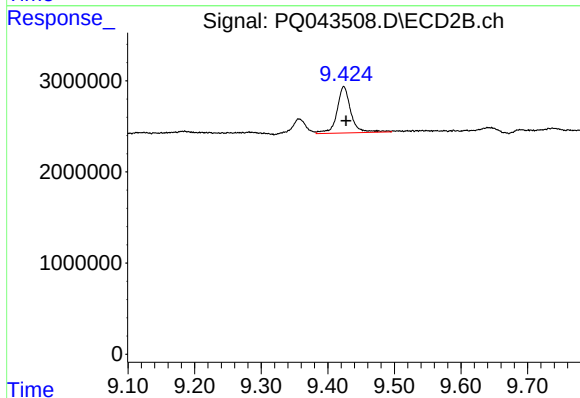
R.T.: 9.357 min
Delta R.T.: -0.005 min
Response: 2398930
Conc: 20.85 ng/ml



#39 AR-1262-4

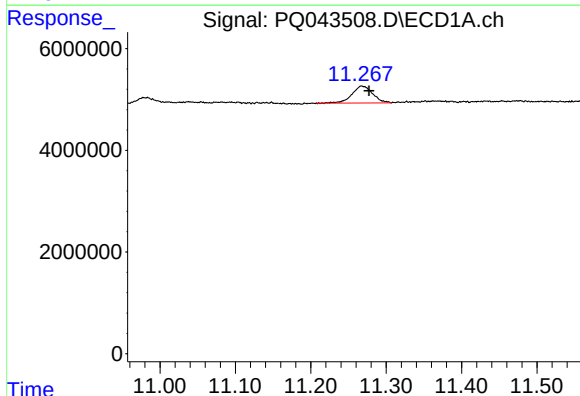
R.T.: 10.544 min
Delta R.T.: -0.026 min
Response: 6811247
Conc: 39.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



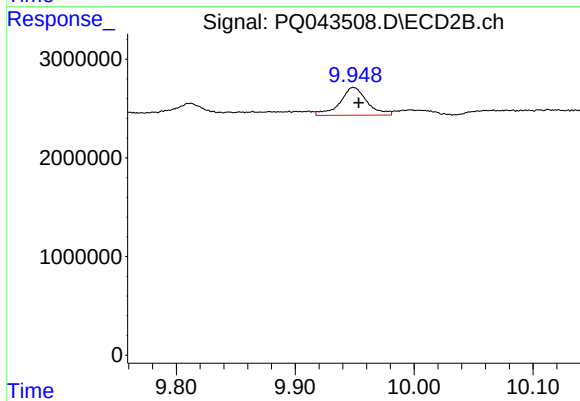
#39 AR-1262-4

R.T.: 9.424 min
Delta R.T.: -0.004 min
Response: 7373382
Conc: 32.73 ng/ml



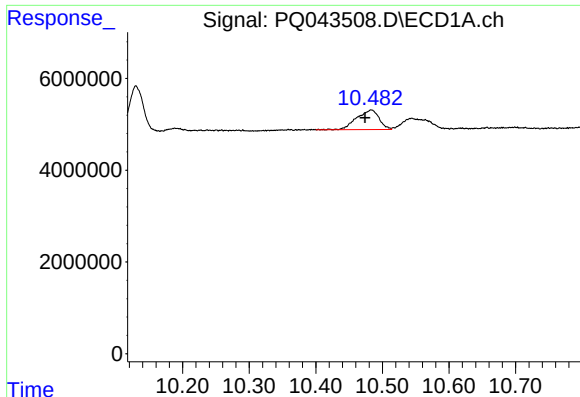
#40 AR-1262-5

R.T.: 11.267 min
Delta R.T.: -0.010 min
Response: 6397568
Conc: 21.98 ng/ml



#40 AR-1262-5

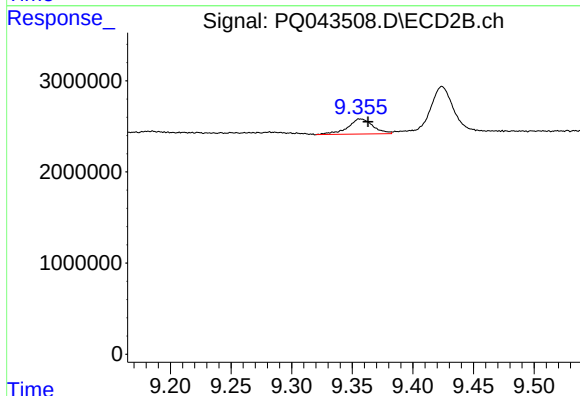
R.T.: 9.949 min
Delta R.T.: -0.004 min
Response: 4471460
Conc: 28.94 ng/ml



#41 AR-1268-1

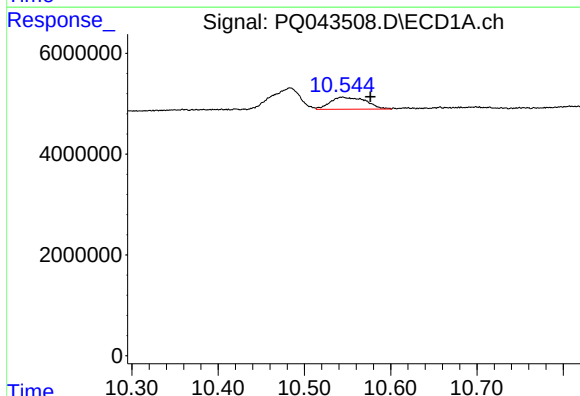
R.T.: 10.483 min
Delta R.T.: 0.010 min
Response: 9914914
Conc: 15.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



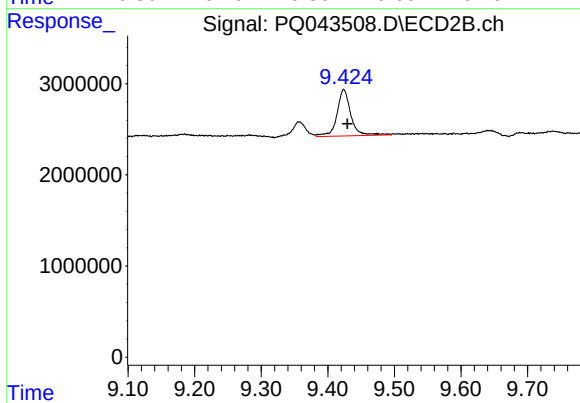
#41 AR-1268-1

R.T.: 9.357 min
Delta R.T.: -0.006 min
Response: 2398930
Conc: 7.34 ng/ml



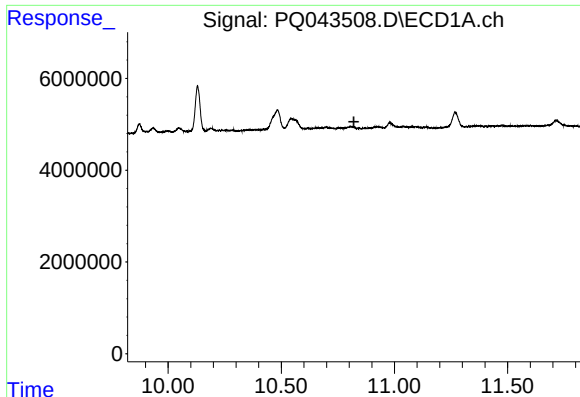
#42 AR-1268-2

R.T.: 10.544 min
Delta R.T.: -0.032 min
Response: 6811247
Conc: 10.96 ng/ml



#42 AR-1268-2

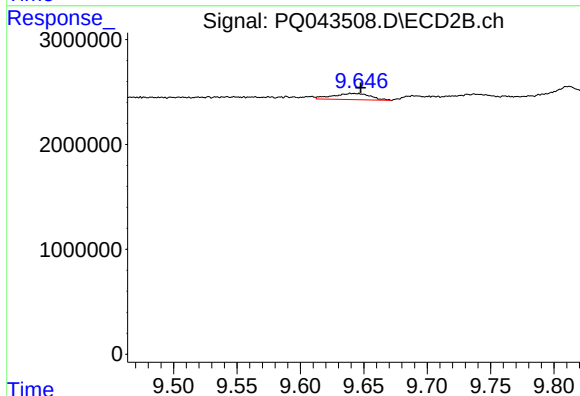
R.T.: 9.424 min
Delta R.T.: -0.005 min
Response: 7373382
Conc: 23.05 ng/ml



#43 AR-1268-3

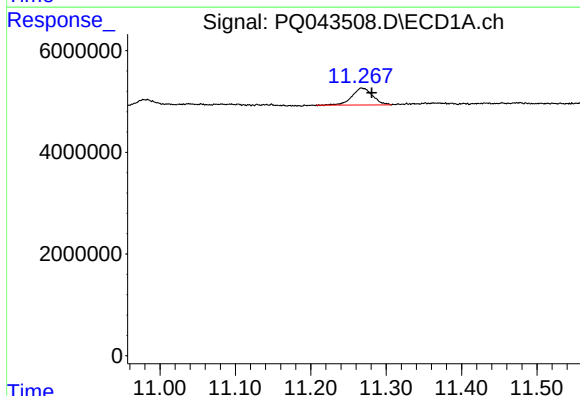
R.T.: 0.000 min
Exp R.T.: 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



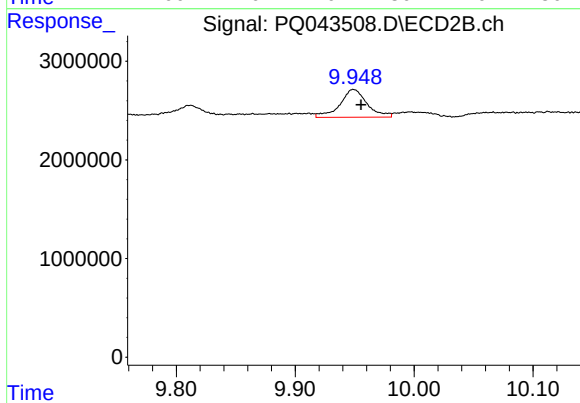
#43 AR-1268-3

R.T.: 9.641 min
Delta R.T.: -0.007 min
Response: 1205126
Conc: 4.25 ng/ml



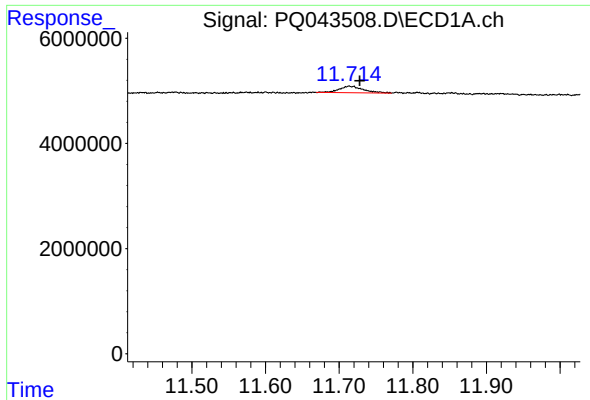
#44 AR-1268-4

R.T.: 11.267 min
Delta R.T.: -0.014 min
Response: 6397568
Conc: 22.05 ng/ml



#44 AR-1268-4

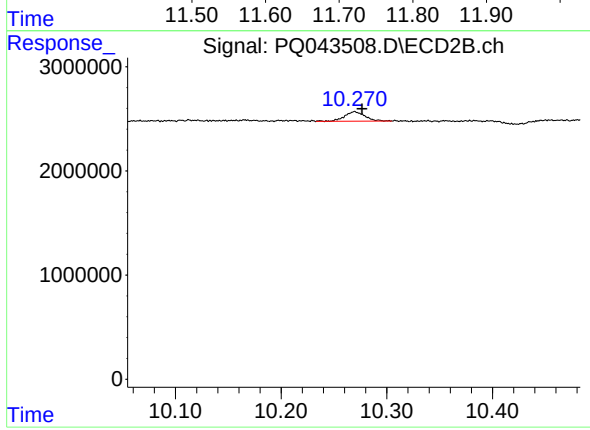
R.T.: 9.949 min
Delta R.T.: -0.006 min
Response: 4471460
Conc: 27.51 ng/ml



#45 AR-1268-5

R.T.: 11.714 min
Delta R.T.: -0.014 min
Response: 2758199
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.270 min
Delta R.T.: -0.007 min
Response: 1230797
Conc: 0.98 ng/ml