

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 07:45
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 08:24:27 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...	5.693	4.782	53773440	18279093	33.750	30.177
2)	SA Decachlor...	12.081	10.555	154.6E6	77491078	24.512	24.740
Target Compounds							
3)	L1 AR-1016-1	7.136	6.238	3358971	1394995	49.172	47.291
4)	L1 AR-1016-2	7.161	6.260	5258865	1923683	53.672	49.110
5)	L1 AR-1016-3	7.232	6.474	3626123	892765	60.224	42.440 #
6)	L1 AR-1016-4	7.345	6.529	3249122	693771	64.859	39.822 #
7)	L1 AR-1016-5	7.679	6.780	2375706	1105447	44.888	49.392
8)	L2 AR-1221-1	5.971	5.088	4346626	538082	260.469	92.317 #
9)	L2 AR-1221-2	6.082	5.206	2173118	673031	182.825	139.972
10)	L2 AR-1221-3	6.175	5.313	4860106	1750605	119.246	106.659
11)	L3 AR-1232-1	6.175	5.313	4860106	1750605	107.590	94.741
12)	L3 AR-1232-2	6.819	6.260	3261456	1923683	129.908	96.427 #
13)	L3 AR-1232-3	7.161	6.474	5258865	892765	98.359	82.247
14)	L3 AR-1232-4	7.345	6.577	3249122	934773	125.523	91.565 #
15)	L3 AR-1232-5	7.450	6.780	2305473	1105447	112.989	100.985
16)	L4 AR-1242-1	7.136	6.238	3358971	1394995	82.032	80.747
17)	L4 AR-1242-2	7.161	6.260	5258865	1923683	89.271	82.836
18)	L4 AR-1242-3	7.232	6.474	3626123	892765	97.326	72.234 #
19)	L4 AR-1242-4	7.345	6.577	3249122	934773	109.014	73.570 #
20)	L4 AR-1242-5	8.167	7.190	4038900	1689383	97.129	84.379
21)	L5 AR-1248-1	7.136	6.238	3358971	1394995	106.298	110.765
22)	L5 AR-1248-2	7.450	6.529	2305473	693771	53.880	39.174 #
23)	L5 AR-1248-3	7.679	6.577	2375706	934773	44.297	49.930
24)	L5 AR-1248-4	8.126	6.780	3604098	1105447	49.967	47.907
25)	L5 AR-1248-5	8.167	7.235	4038900	1795571	55.790	63.354
26)	L6 AR-1254-1	8.095	7.190	2587491	1689383	36.042	37.347
27)	L6 AR-1254-2	8.339	7.356	3699597	632254	30.090	14.346 #
28)	L6 AR-1254-3	0.000	7.806	0	1046040	N.D.	14.023 #
29)	L6 AR-1254-4	0.000	8.055	0	1306071	N.D.	23.600 #
30)	L6 AR-1254-5	0.000	8.500	0	758037	N.D.	9.301 #
31)	L7 AR-1260-1	0.000	7.941	0	262294	N.D.	4.518 #
32)	L7 AR-1260-2	0.000	8.150	0	553913	N.D.	7.245 #
33)	L7 AR-1260-3	0.000	8.307	0	504130	N.D.	7.190 #
34)	L7 AR-1260-4	0.000	8.819	0	83232	N.D.	1.263 #
35)	L7 AR-1260-5	0.000	9.038	0	119061	N.D.	0.634 #
36)	L8 AR-1262-1	0.000	8.552	0	341574	N.D.	3.455 #
37)	L8 AR-1262-2	0.000	9.038	0	119061	N.D.	0.533 #
38)	L8 AR-1262-3	0.000	9.343	0	195980	N.D.	1.703 #
39)	L8 AR-1262-4	0.000	9.423	0	175221	N.D.	0.778 #
40)	L8 AR-1262-5	0.000	9.945	0	436499	N.D.	2.825 #
41)	L9 AR-1268-1	0.000	9.343	0	195980	N.D.	0.599 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 07:45
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 48 Sample Multiplier: 1

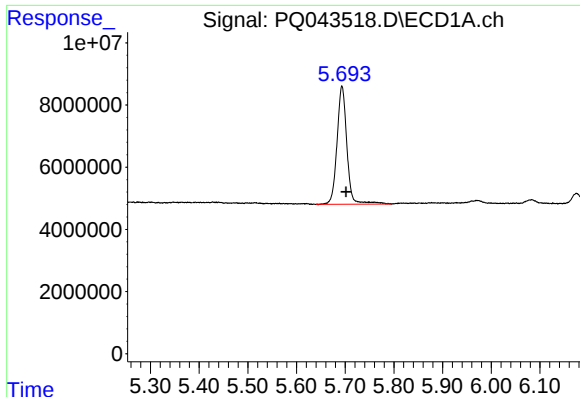
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 08:24:27 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	0.000	9.423	0	175221	N.D.	0.548 #
43) L9	AR-1268-3	0.000	9.643	0	1041415	N.D.	3.675 #
44) L9	AR-1268-4	0.000	9.945	0	436499	N.D.	2.686 #
45) L9	AR-1268-5	11.720	10.272	13721068	2028037	5.755	1.615 #

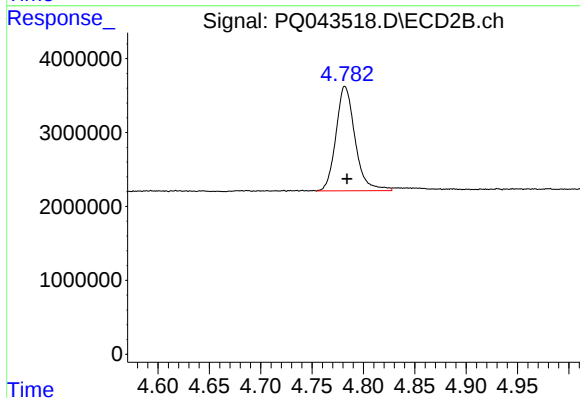
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

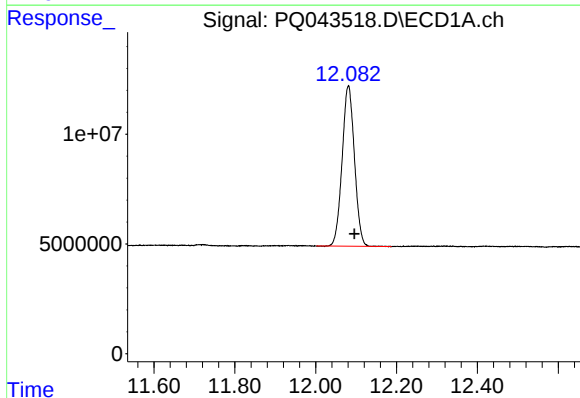
R.T.: 5.693 min
Delta R.T.: -0.009 min
Response: 53773440
Conc: 33.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



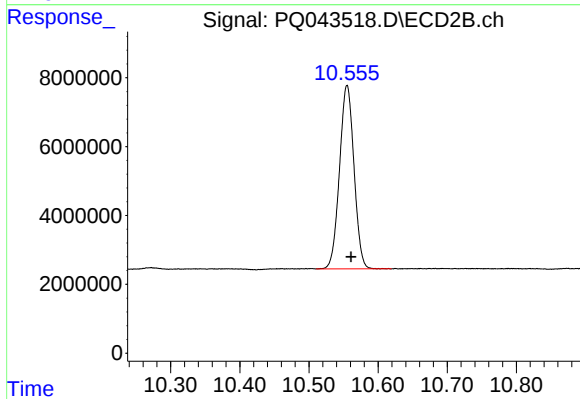
#1 Tetrachloro-m-xylene

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 18279093
Conc: 30.18 ng/ml



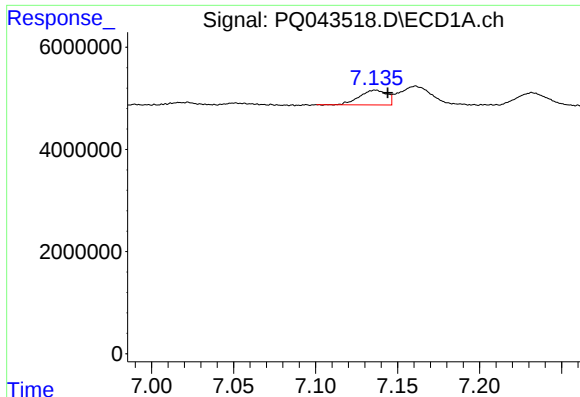
#2 Decachlorobiphenyl

R.T.: 12.081 min
Delta R.T.: -0.015 min
Response: 154600540
Conc: 24.51 ng/ml



#2 Decachlorobiphenyl

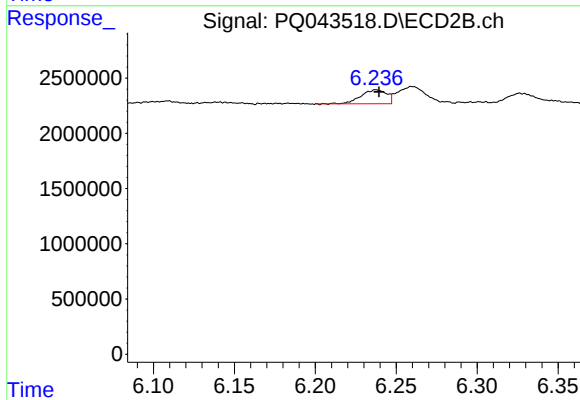
R.T.: 10.555 min
Delta R.T.: -0.006 min
Response: 77491078
Conc: 24.74 ng/ml



#3 AR-1016-1

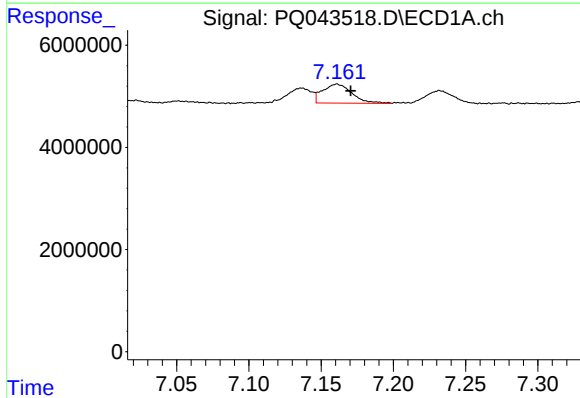
R.T.: 7.136 min
Delta R.T.: -0.008 min
Response: 3358971
Conc: 49.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



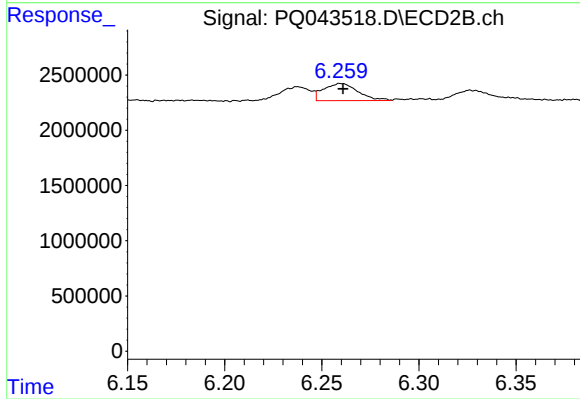
#3 AR-1016-1

R.T.: 6.238 min
Delta R.T.: -0.002 min
Response: 1394995
Conc: 47.29 ng/ml



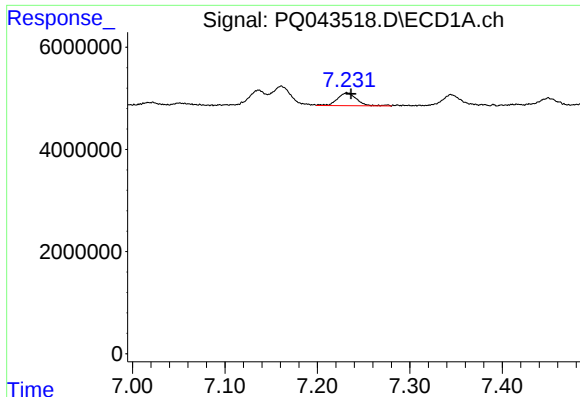
#4 AR-1016-2

R.T.: 7.161 min
Delta R.T.: -0.009 min
Response: 5258865
Conc: 53.67 ng/ml



#4 AR-1016-2

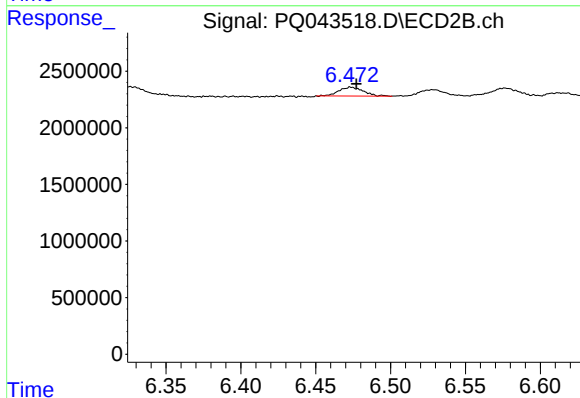
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 1923683
Conc: 49.11 ng/ml



#5 AR-1016-3

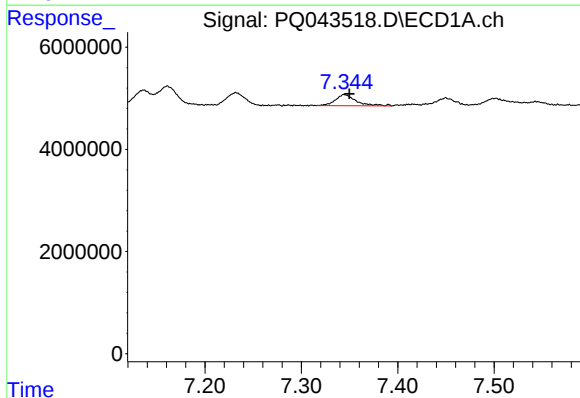
R.T.: 7.232 min
Delta R.T.: -0.004 min
Response: 3626123
Conc: 60.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



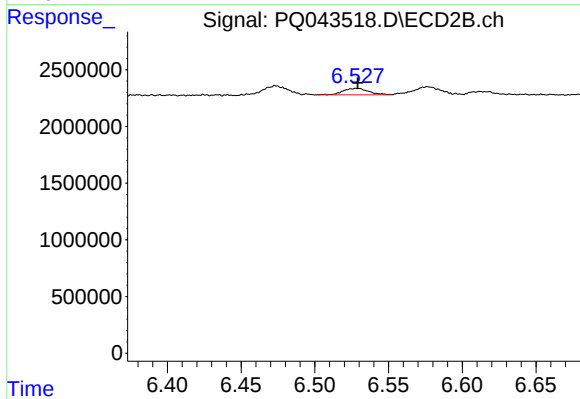
#5 AR-1016-3

R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 892765
Conc: 42.44 ng/ml



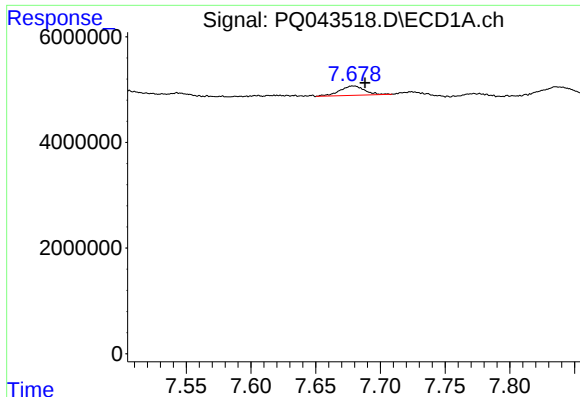
#6 AR-1016-4

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 3249122
Conc: 64.86 ng/ml



#6 AR-1016-4

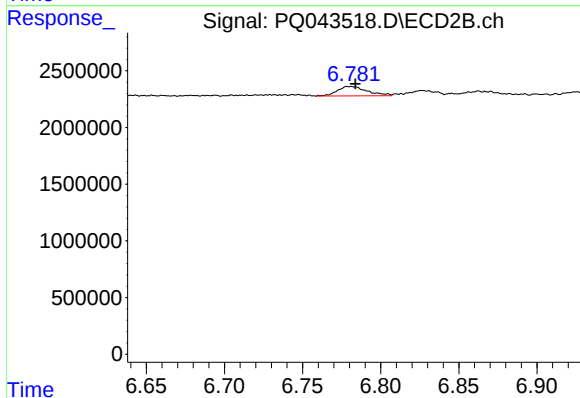
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 693771
Conc: 39.82 ng/ml



#7 AR-1016-5

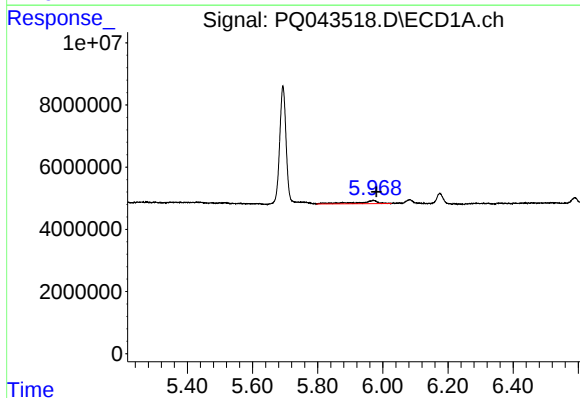
R.T.: 7.679 min
Delta R.T.: -0.009 min
Response: 2375706
Conc: 44.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



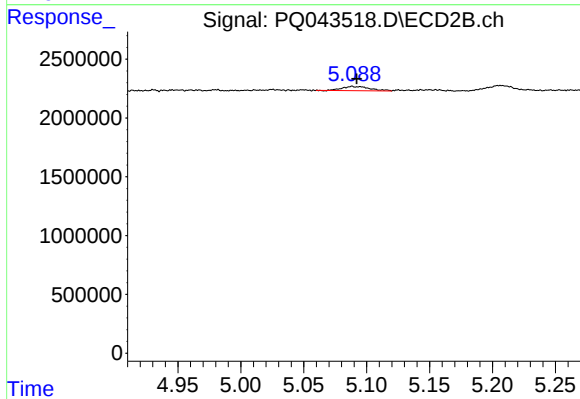
#7 AR-1016-5

R.T.: 6.780 min
Delta R.T.: -0.003 min
Response: 1105447
Conc: 49.39 ng/ml



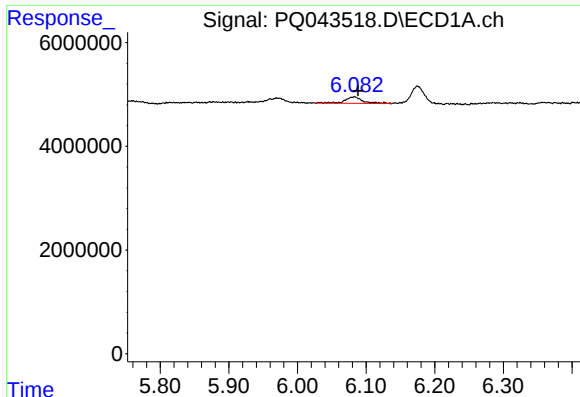
#8 AR-1221-1

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 4346626
Conc: 260.47 ng/ml



#8 AR-1221-1

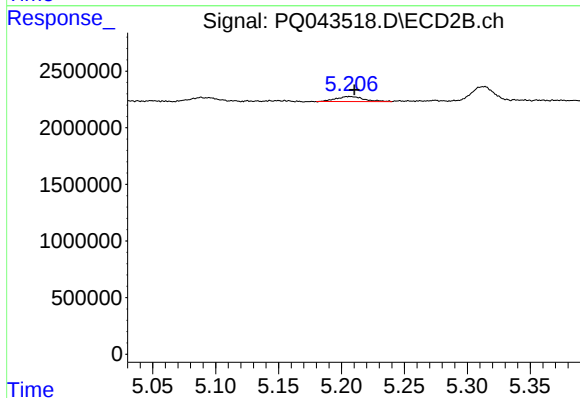
R.T.: 5.088 min
Delta R.T.: -0.004 min
Response: 538082
Conc: 92.32 ng/ml



#9 AR-1221-2

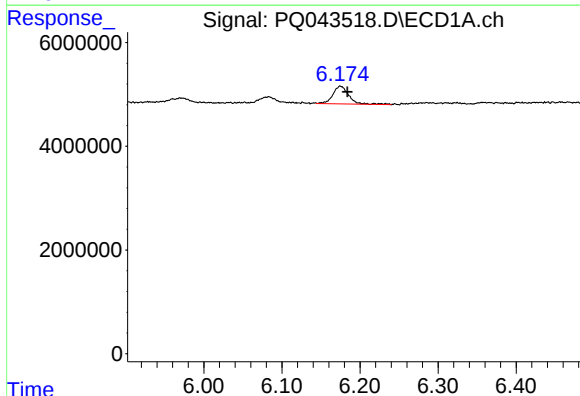
R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 2173118
Conc: 182.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



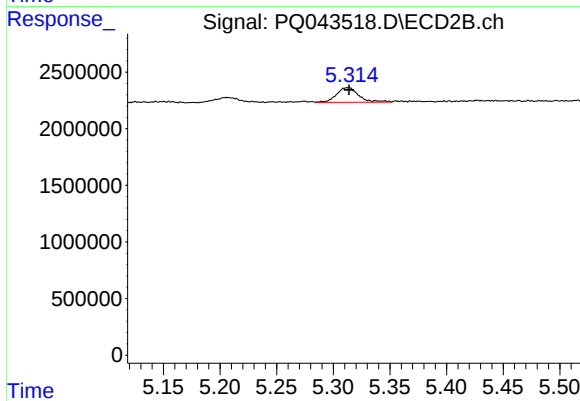
#9 AR-1221-2

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 673031
Conc: 139.97 ng/ml



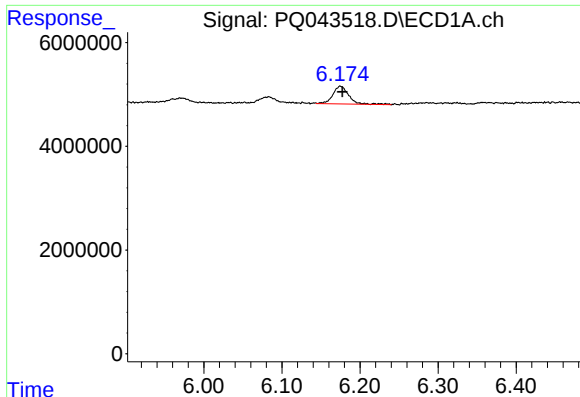
#10 AR-1221-3

R.T.: 6.175 min
Delta R.T.: -0.009 min
Response: 4860106
Conc: 119.25 ng/ml



#10 AR-1221-3

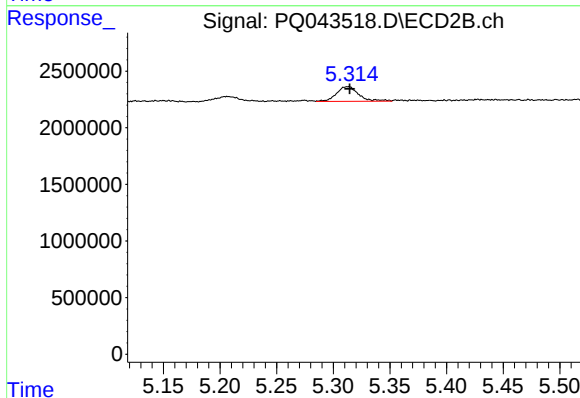
R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 1750605
Conc: 106.66 ng/ml



#11 AR-1232-1

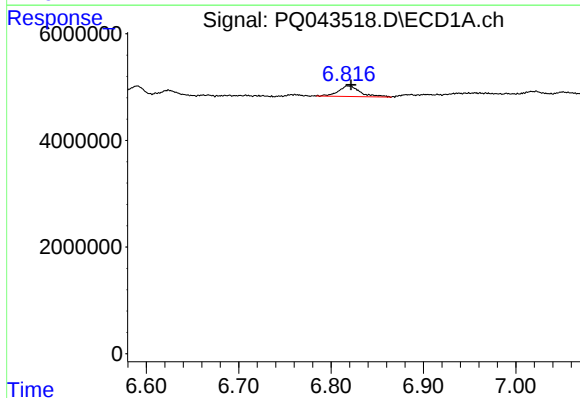
R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 4860106
Conc: 107.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



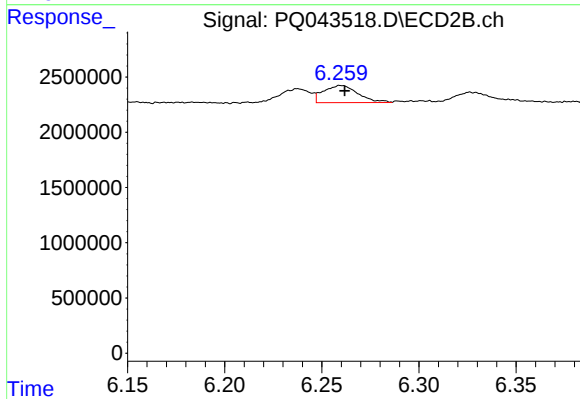
#11 AR-1232-1

R.T.: 5.313 min
Delta R.T.: -0.001 min
Response: 1750605
Conc: 94.74 ng/ml



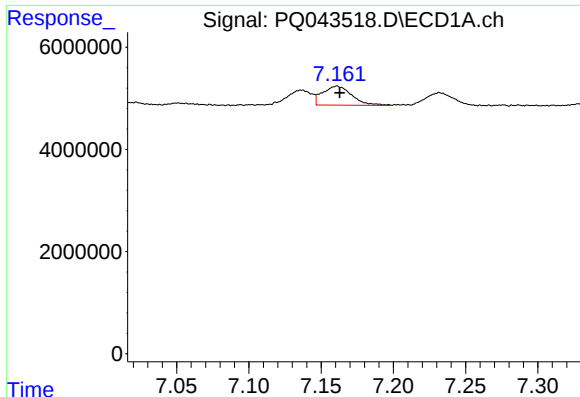
#12 AR-1232-2

R.T.: 6.819 min
Delta R.T.: -0.002 min
Response: 3261456
Conc: 129.91 ng/ml



#12 AR-1232-2

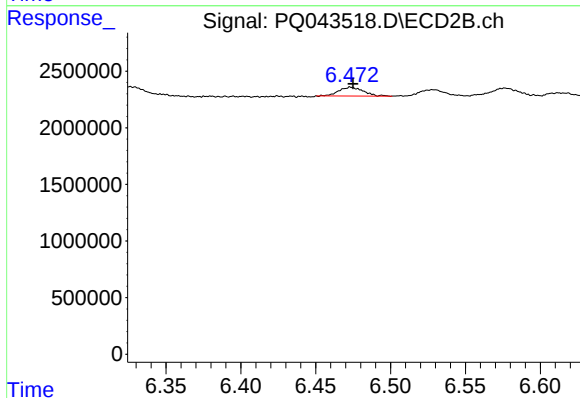
R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 1923683
Conc: 96.43 ng/ml



#13 AR-1232-3

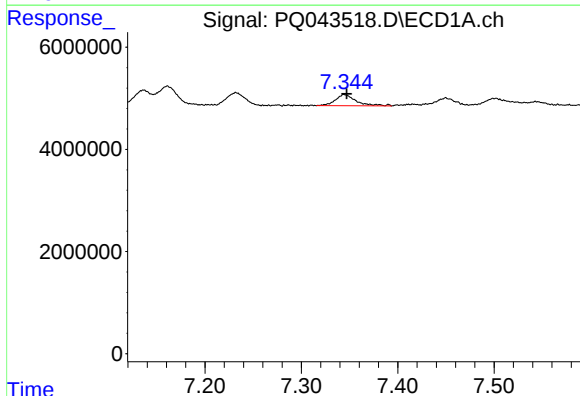
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 5258865
Conc: 98.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



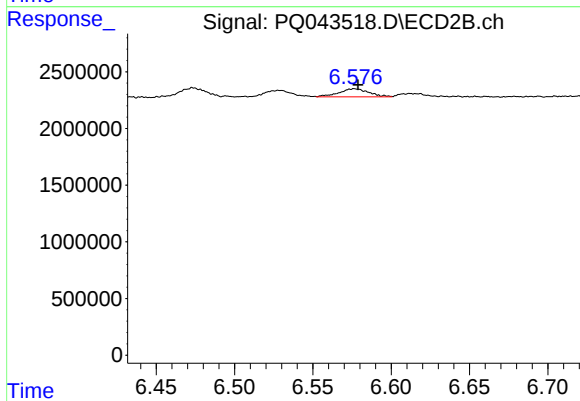
#13 AR-1232-3

R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 892765
Conc: 82.25 ng/ml



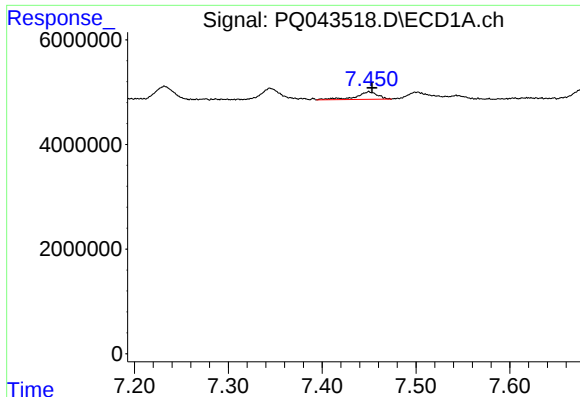
#14 AR-1232-4

R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 3249122
Conc: 125.52 ng/ml



#14 AR-1232-4

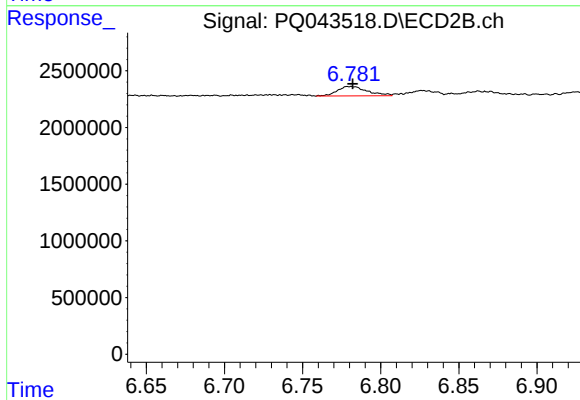
R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 934773
Conc: 91.57 ng/ml



#15 AR-1232-5

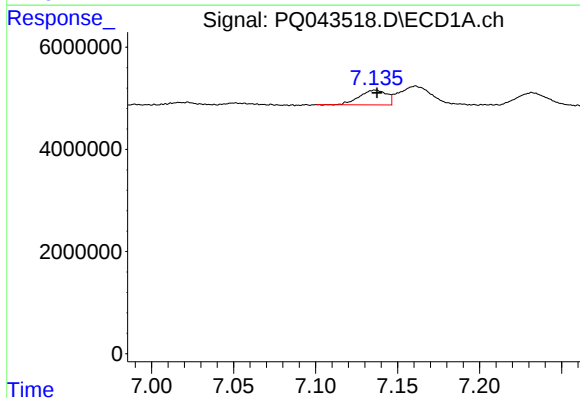
R.T.: 7.450 min
Delta R.T.: -0.003 min
Response: 2305473
Conc: 112.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



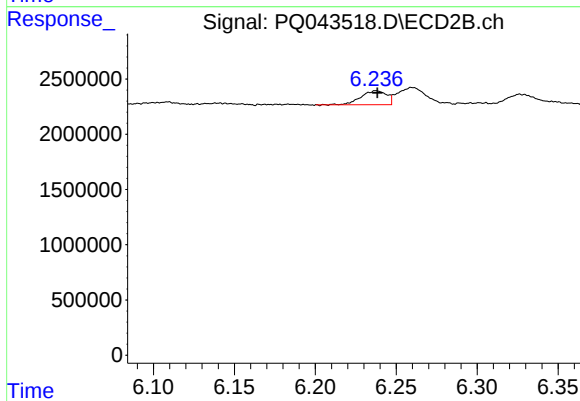
#15 AR-1232-5

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 1105447
Conc: 100.99 ng/ml



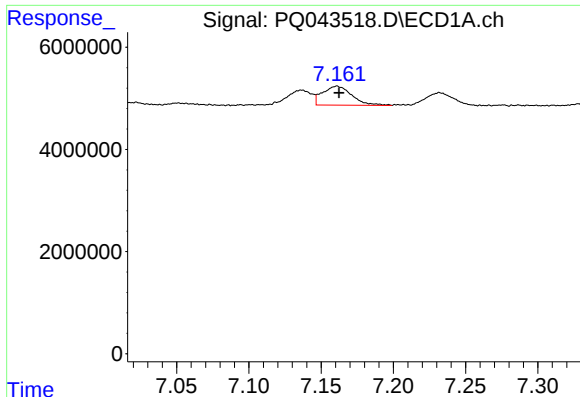
#16 AR-1242-1

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 3358971
Conc: 82.03 ng/ml



#16 AR-1242-1

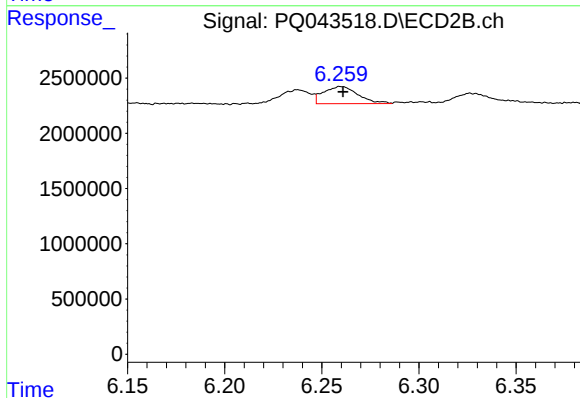
R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 1394995
Conc: 80.75 ng/ml



#17 AR-1242-2

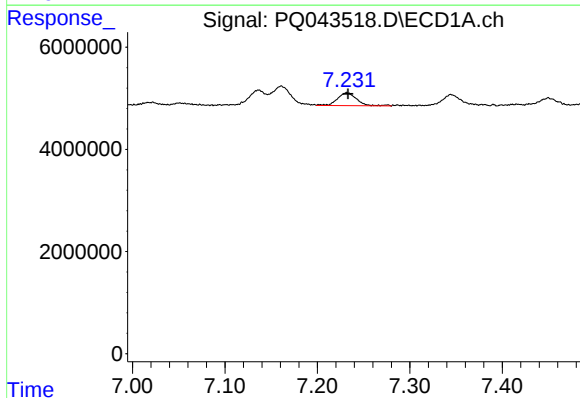
R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 5258865
Conc: 89.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



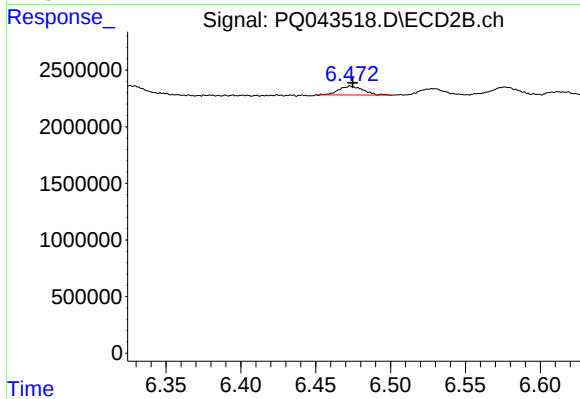
#17 AR-1242-2

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 1923683
Conc: 82.84 ng/ml



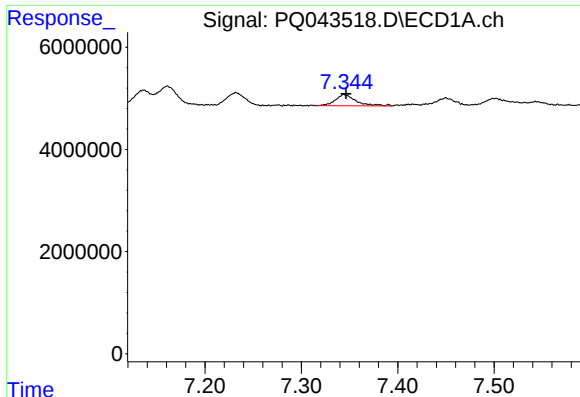
#18 AR-1242-3

R.T.: 7.232 min
Delta R.T.: -0.001 min
Response: 3626123
Conc: 97.33 ng/ml



#18 AR-1242-3

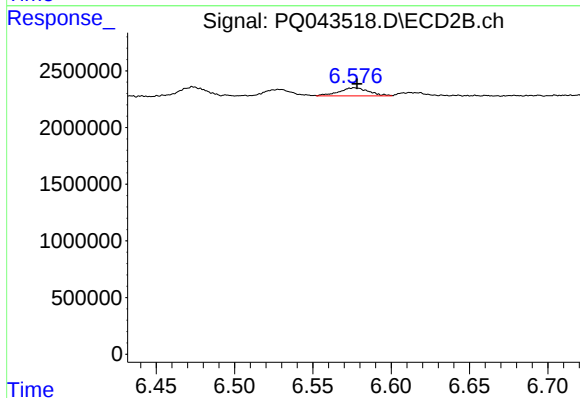
R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 892765
Conc: 72.23 ng/ml



#19 AR-1242-4

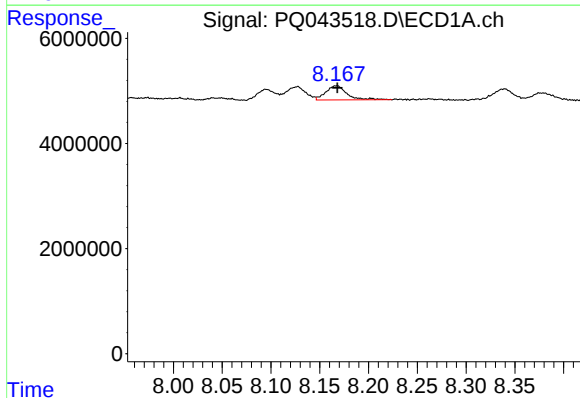
R.T.: 7.345 min
Delta R.T.: -0.001 min
Response: 3249122
Conc: 109.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



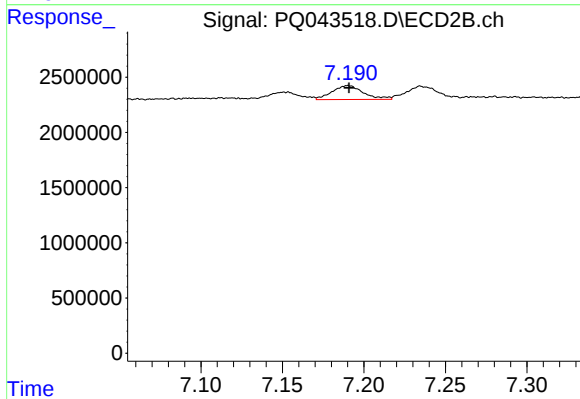
#19 AR-1242-4

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 934773
Conc: 73.57 ng/ml



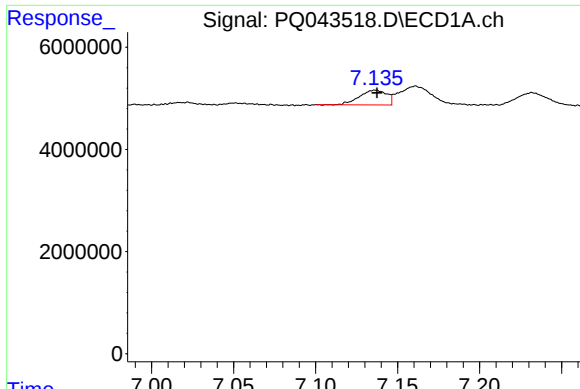
#20 AR-1242-5

R.T.: 8.167 min
Delta R.T.: -0.001 min
Response: 4038900
Conc: 97.13 ng/ml



#20 AR-1242-5

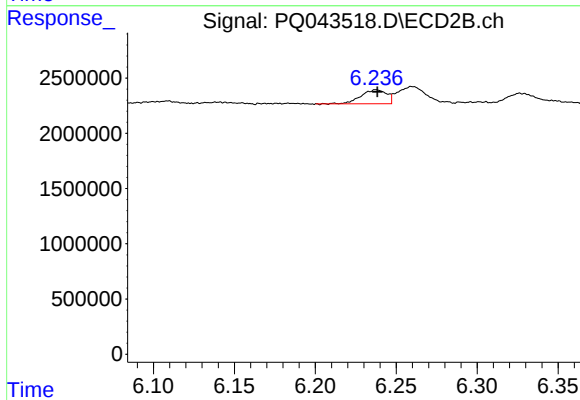
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 1689383
Conc: 84.38 ng/ml



#21 AR-1248-1

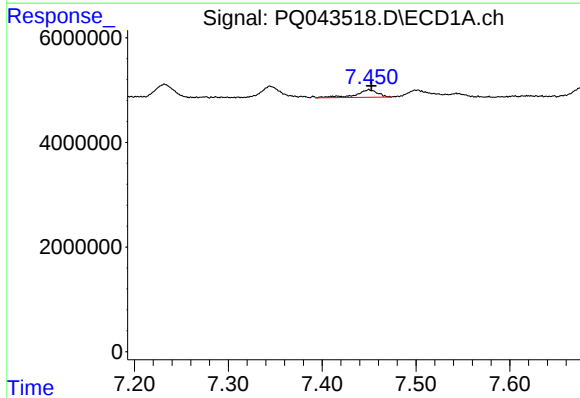
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 3358971
Conc: 106.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



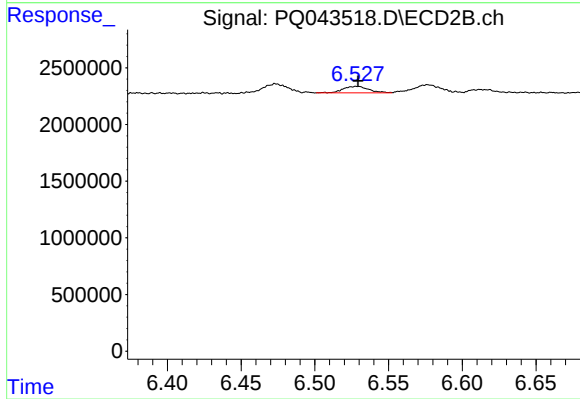
#21 AR-1248-1

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 1394995
Conc: 110.77 ng/ml



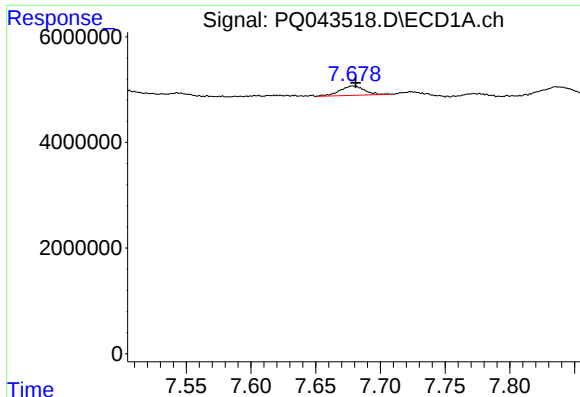
#22 AR-1248-2

R.T.: 7.450 min
Delta R.T.: -0.002 min
Response: 2305473
Conc: 53.88 ng/ml



#22 AR-1248-2

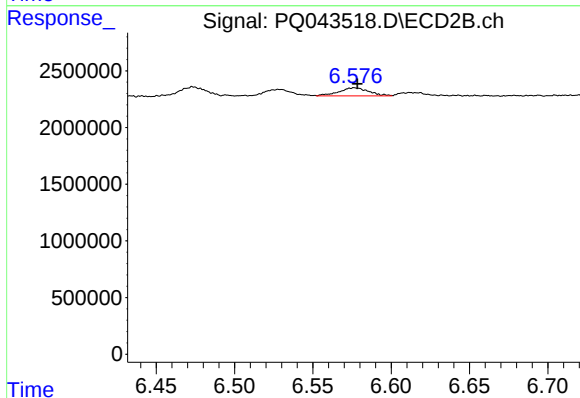
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 693771
Conc: 39.17 ng/ml



#23 AR-1248-3

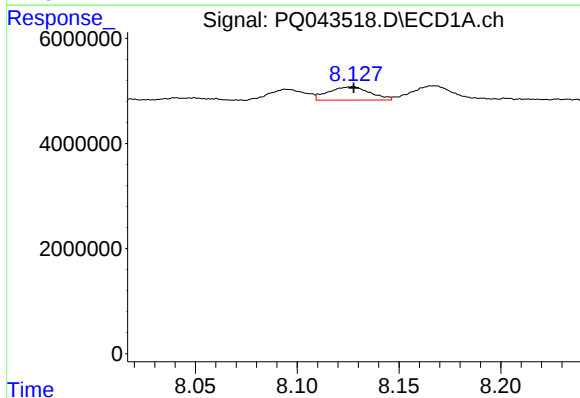
R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 2375706
Conc: 44.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



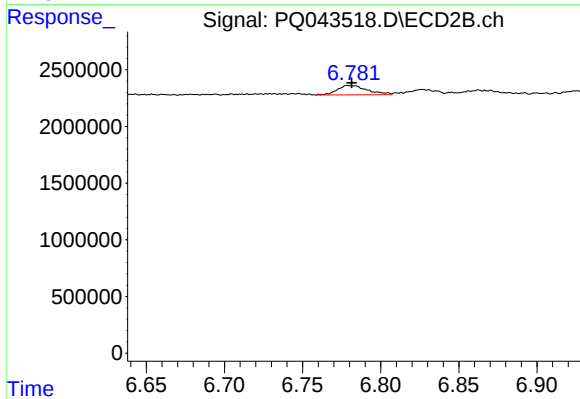
#23 AR-1248-3

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 934773
Conc: 49.93 ng/ml



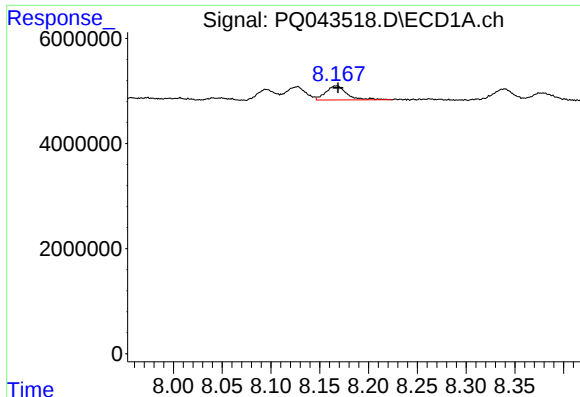
#24 AR-1248-4

R.T.: 8.126 min
Delta R.T.: -0.001 min
Response: 3604098
Conc: 49.97 ng/ml



#24 AR-1248-4

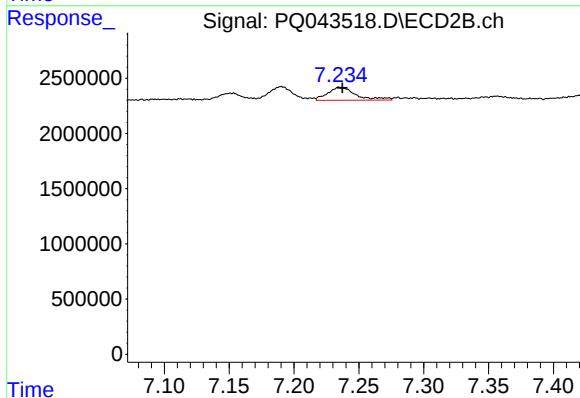
R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 1105447
Conc: 47.91 ng/ml



#25 AR-1248-5

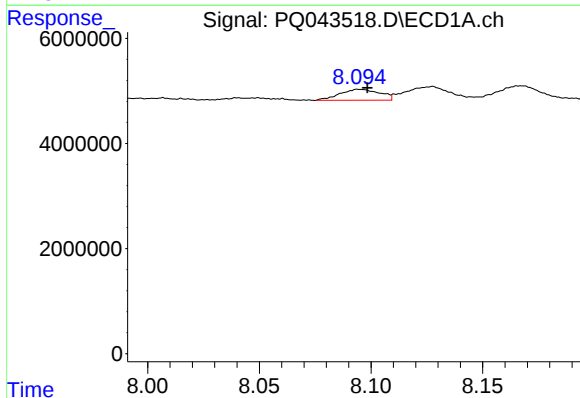
R.T.: 8.167 min
Delta R.T.: -0.002 min
Response: 4038900
Conc: 55.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



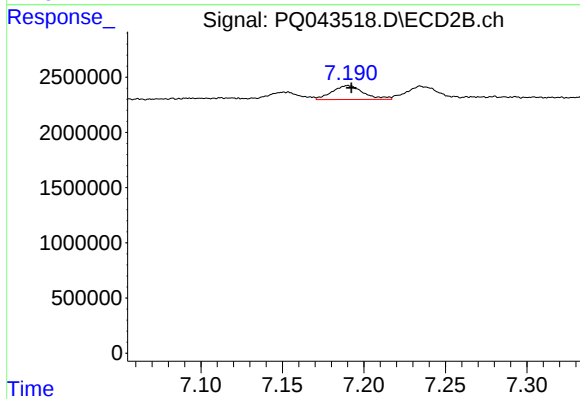
#25 AR-1248-5

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 1795571
Conc: 63.35 ng/ml



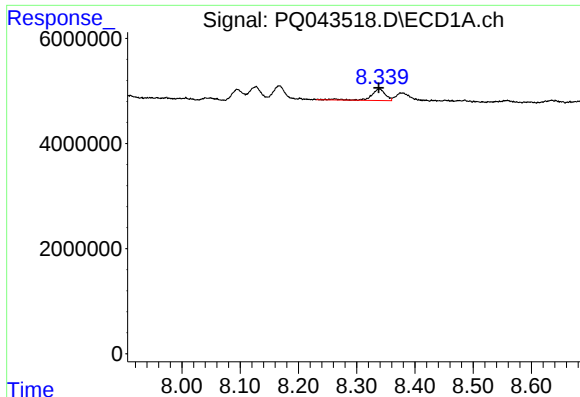
#26 AR-1254-1

R.T.: 8.095 min
Delta R.T.: -0.003 min
Response: 2587491
Conc: 36.04 ng/ml



#26 AR-1254-1

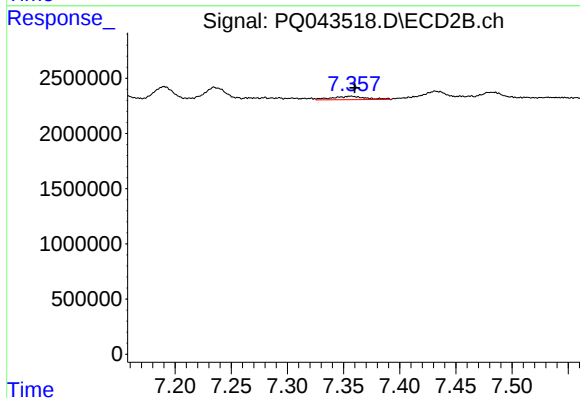
R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 1689383
Conc: 37.35 ng/ml



#27 AR-1254-2

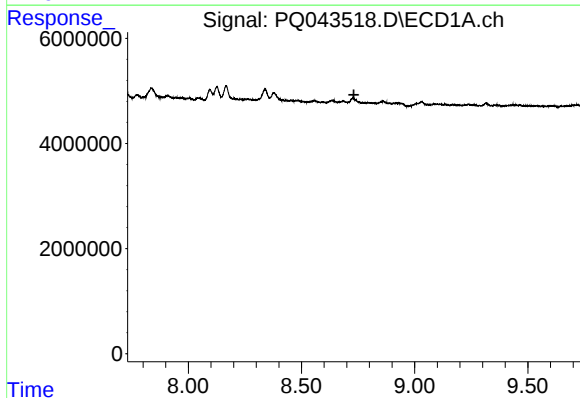
R.T.: 8.339 min
Delta R.T.: 0.001 min
Response: 3699597
Conc: 30.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



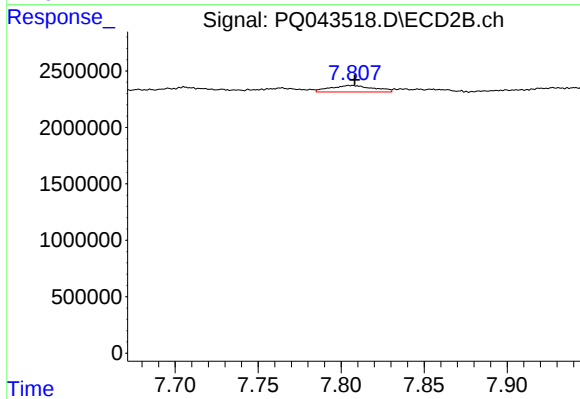
#27 AR-1254-2

R.T.: 7.356 min
Delta R.T.: -0.004 min
Response: 632254
Conc: 14.35 ng/ml



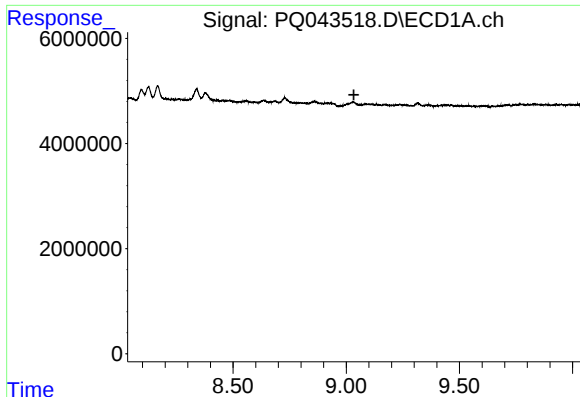
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#28 AR-1254-3

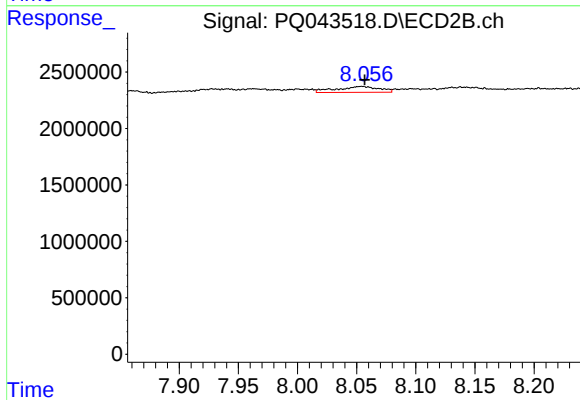
R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1046040
Conc: 14.02 ng/ml



#29 AR-1254-4

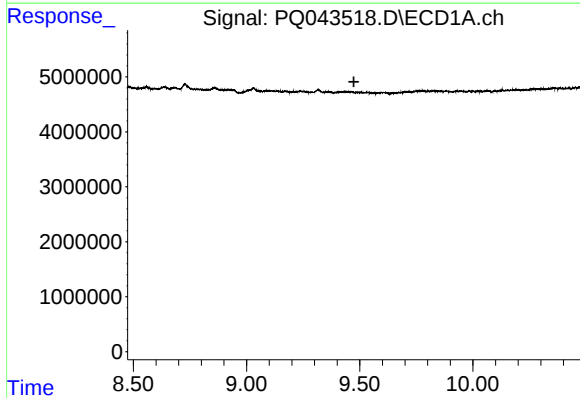
R.T.: 0.000 min
Exp R.T.: 9.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



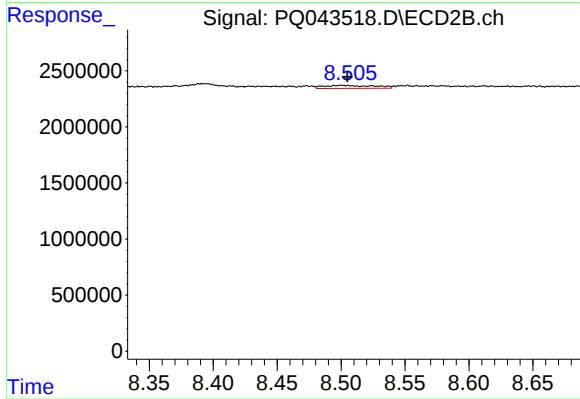
#29 AR-1254-4

R.T.: 8.055 min
Delta R.T.: -0.002 min
Response: 1306071
Conc: 23.60 ng/ml



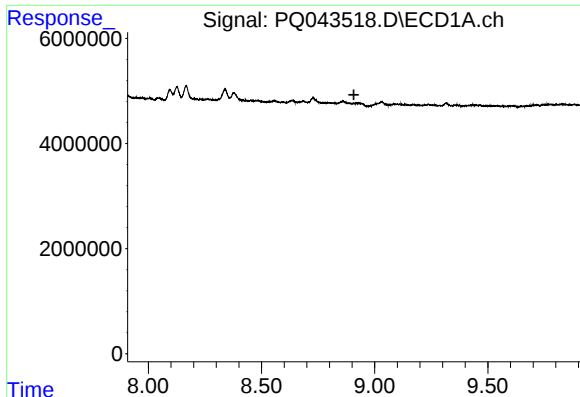
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 9.474 min
Response: 0
Conc: N.D.



#30 AR-1254-5

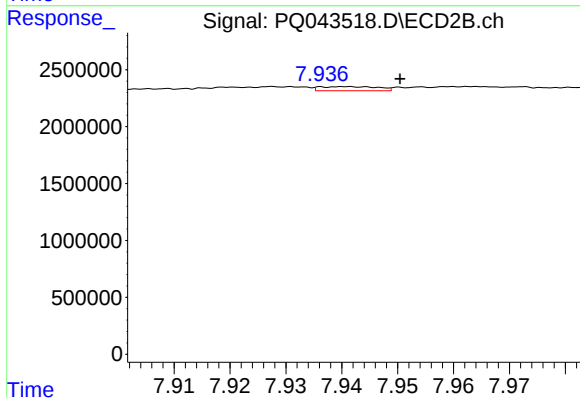
R.T.: 8.500 min
Delta R.T.: -0.005 min
Response: 758037
Conc: 9.30 ng/ml



#31 AR-1260-1

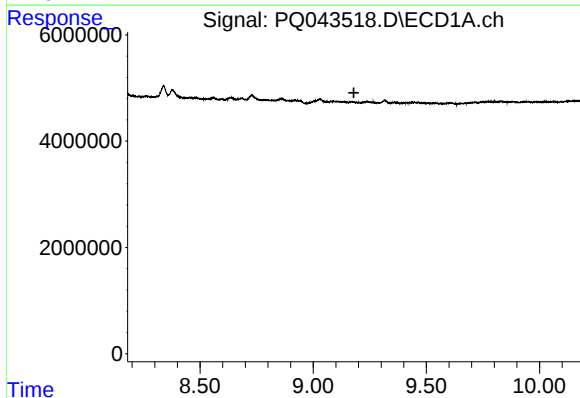
R.T.: 0.000 min
Exp R.T.: 8.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



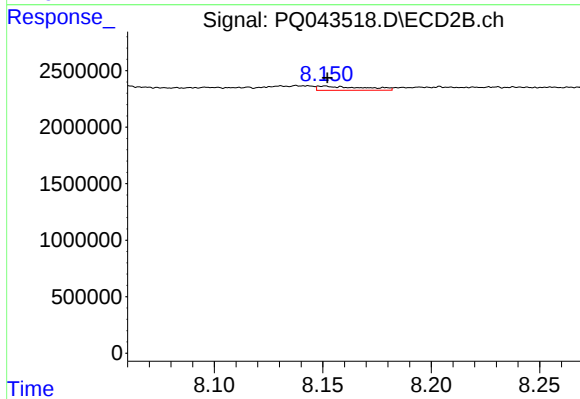
#31 AR-1260-1

R.T.: 7.941 min
Delta R.T.: -0.009 min
Response: 262294
Conc: 4.52 ng/ml



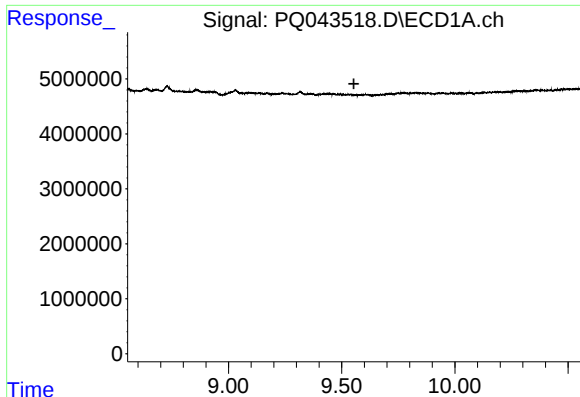
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 9.180 min
Response: 0
Conc: N.D.



#32 AR-1260-2

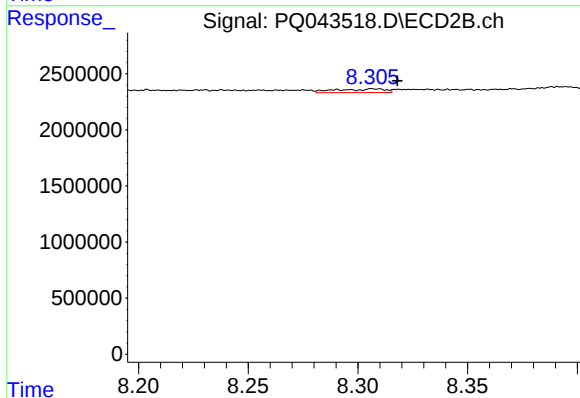
R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 553913
Conc: 7.25 ng/ml



#33 AR-1260-3

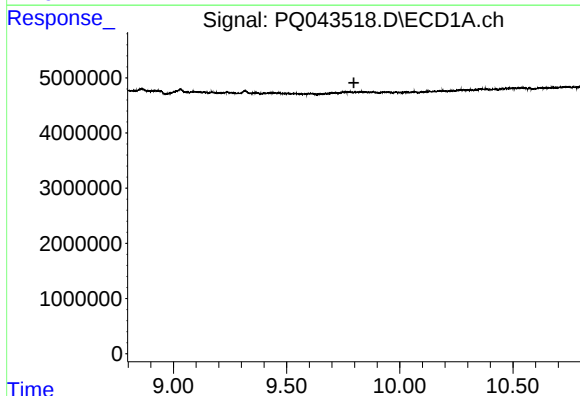
R.T.: 0.000 min
Exp R.T.: 9.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



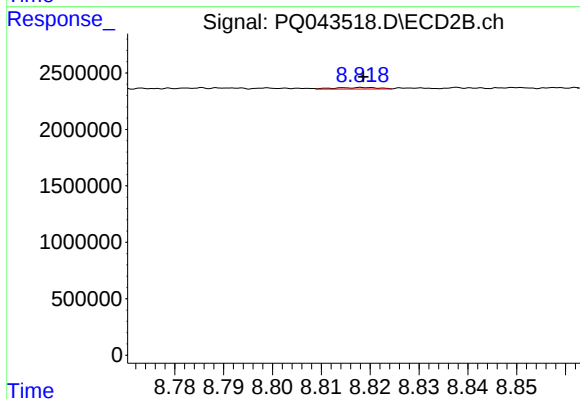
#33 AR-1260-3

R.T.: 8.307 min
Delta R.T.: -0.011 min
Response: 504130
Conc: 7.19 ng/ml



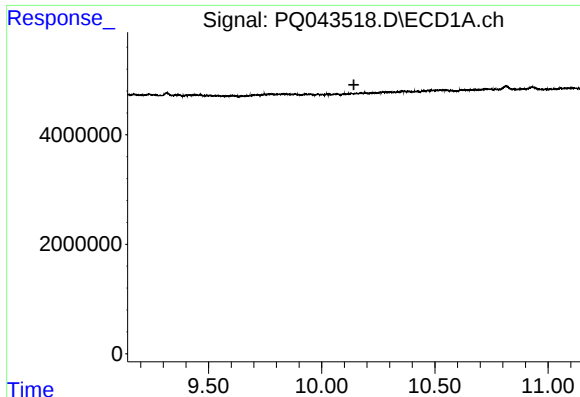
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.797 min
Response: 0
Conc: N.D.



#34 AR-1260-4

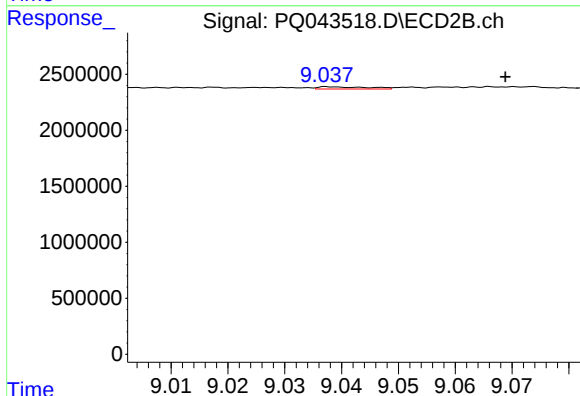
R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 83232
Conc: 1.26 ng/ml



#35 AR-1260-5

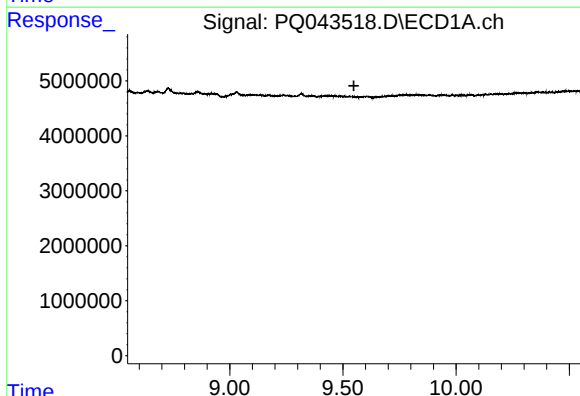
R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



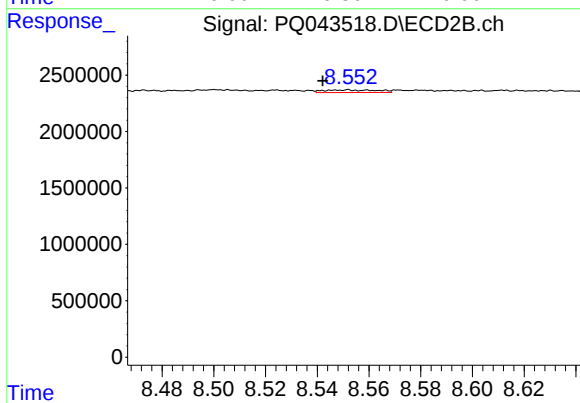
#35 AR-1260-5

R.T.: 9.038 min
Delta R.T.: -0.030 min
Response: 119061
Conc: 0.63 ng/ml



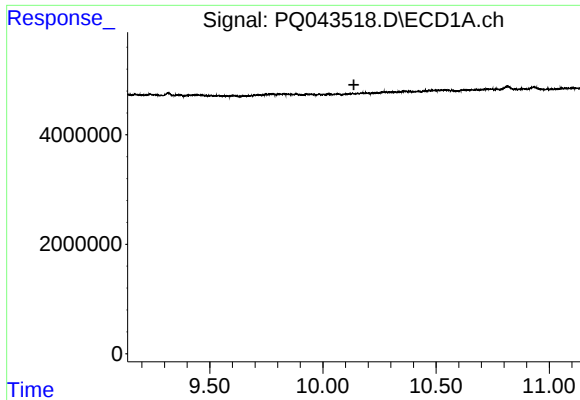
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.549 min
Response: 0
Conc: N.D.



#36 AR-1262-1

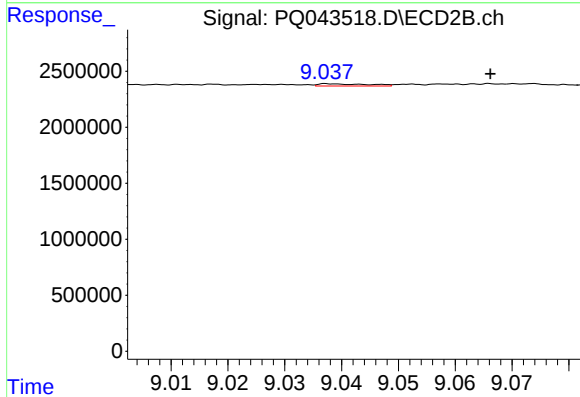
R.T.: 8.552 min
Delta R.T.: 0.010 min
Response: 341574
Conc: 3.45 ng/ml



#37 AR-1262-2

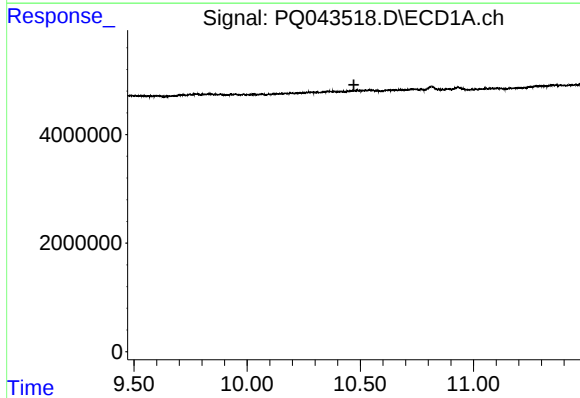
R.T.: 0.000 min
Exp R.T. : 10.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



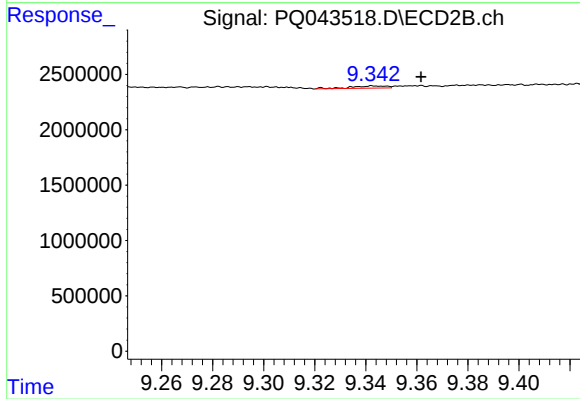
#37 AR-1262-2

R.T.: 9.038 min
Delta R.T.: -0.028 min
Response: 119061
Conc: 0.53 ng/ml



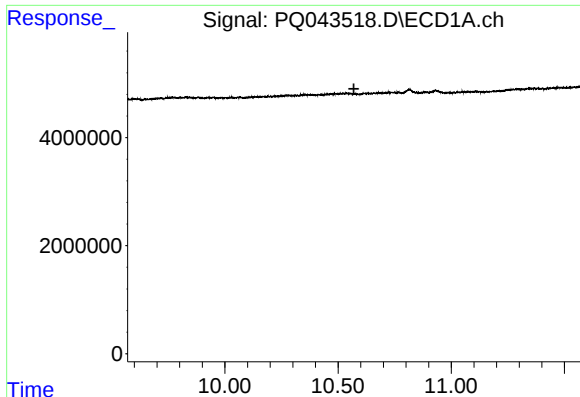
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.472 min
Response: 0
Conc: N.D.



#38 AR-1262-3

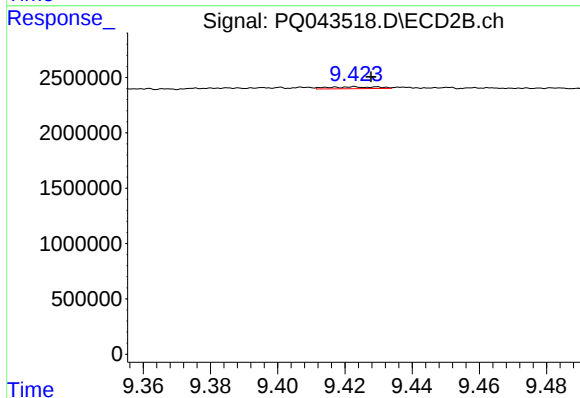
R.T.: 9.343 min
Delta R.T.: -0.019 min
Response: 195980
Conc: 1.70 ng/ml



#39 AR-1262-4

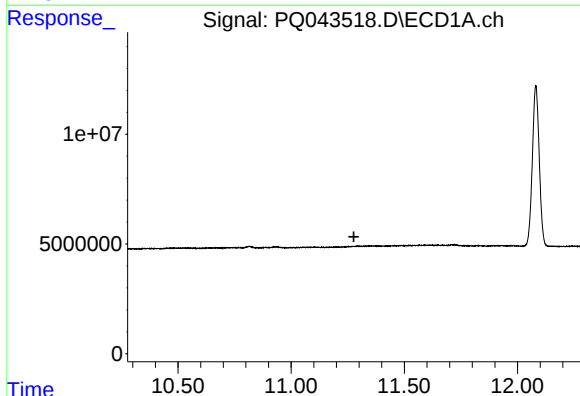
R.T.: 0.000 min
Exp R.T.: 10.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



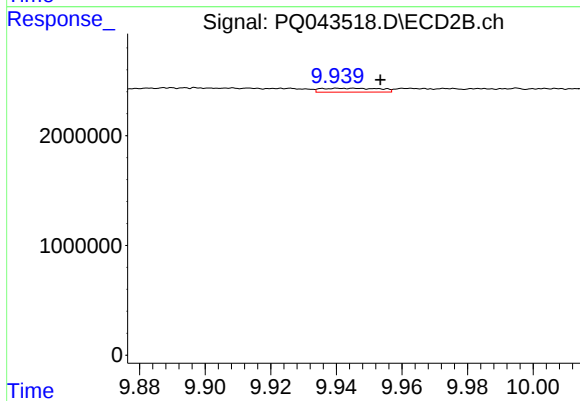
#39 AR-1262-4

R.T.: 9.423 min
Delta R.T.: -0.005 min
Response: 175221
Conc: 0.78 ng/ml



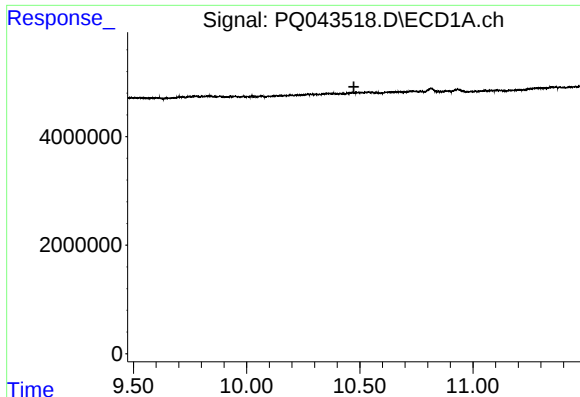
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.277 min
Response: 0
Conc: N.D.



#40 AR-1262-5

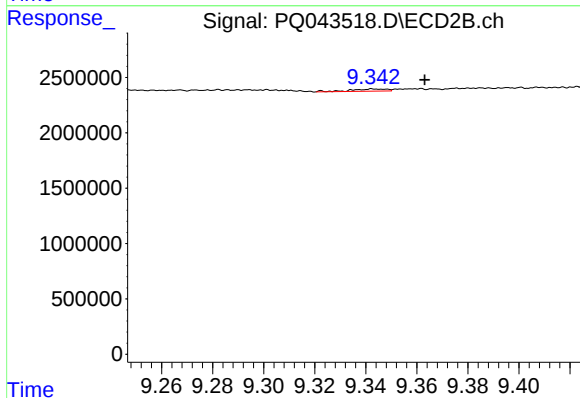
R.T.: 9.945 min
Delta R.T.: -0.008 min
Response: 436499
Conc: 2.83 ng/ml



#41 AR-1268-1

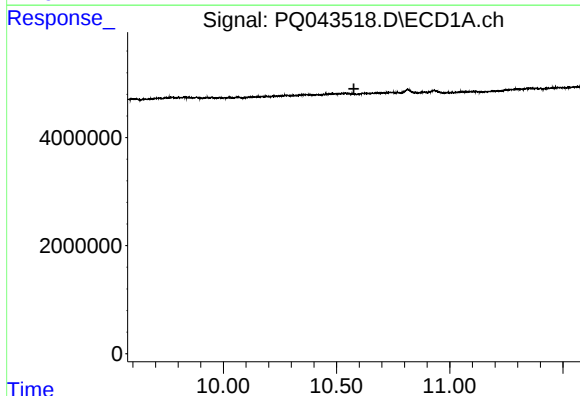
R.T.: 0.000 min
Exp R.T.: 10.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



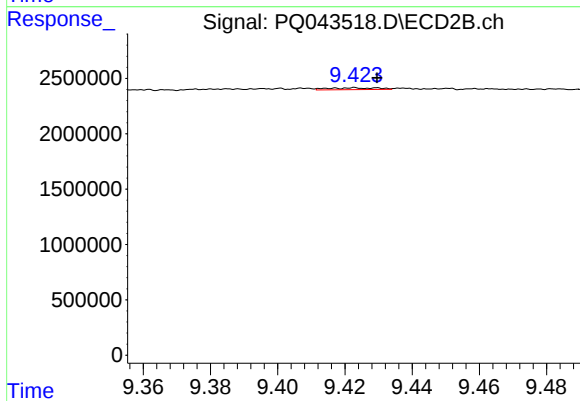
#41 AR-1268-1

R.T.: 9.343 min
Delta R.T.: -0.020 min
Response: 195980
Conc: 0.60 ng/ml



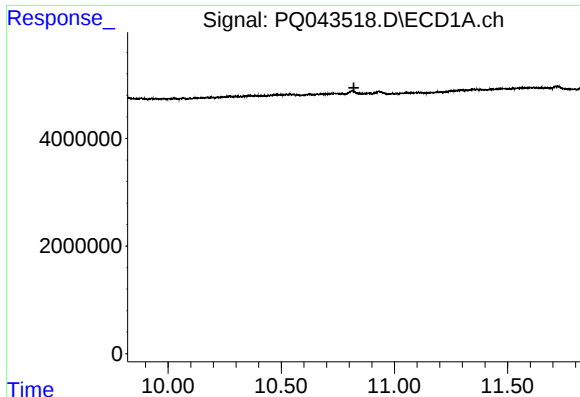
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.577 min
Response: 0
Conc: N.D.



#42 AR-1268-2

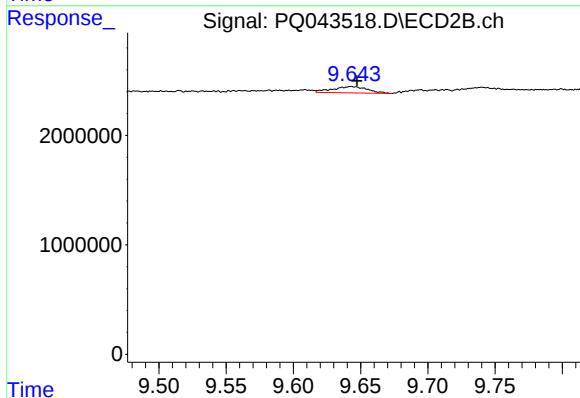
R.T.: 9.423 min
Delta R.T.: -0.007 min
Response: 175221
Conc: 0.55 ng/ml



#43 AR-1268-3

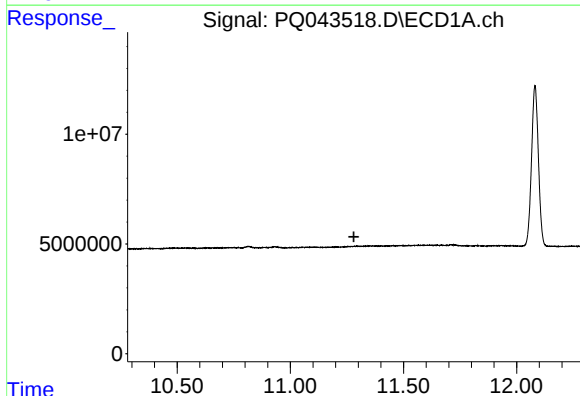
R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



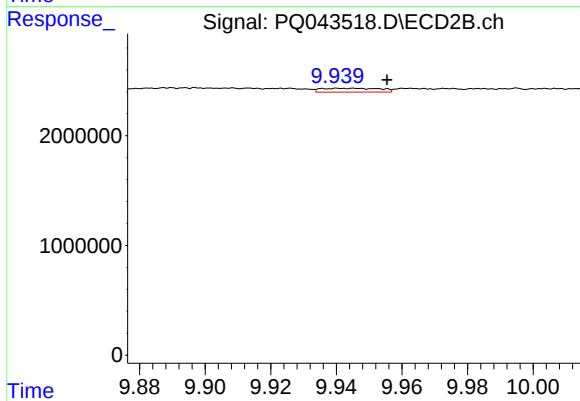
#43 AR-1268-3

R.T.: 9.643 min
Delta R.T.: -0.004 min
Response: 1041415
Conc: 3.67 ng/ml



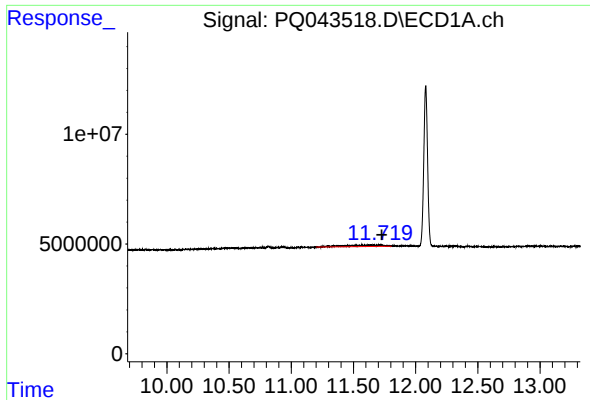
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.281 min
Response: 0
Conc: N.D.



#44 AR-1268-4

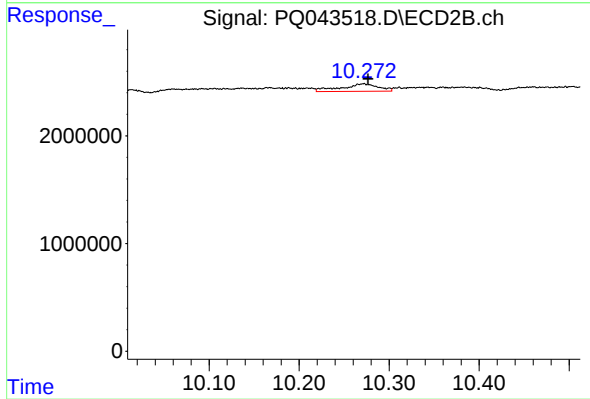
R.T.: 9.945 min
Delta R.T.: -0.010 min
Response: 436499
Conc: 2.69 ng/ml



#45 AR-1268-5

R.T.: 11.720 min
Delta R.T.: -0.008 min
Response: 13721068
Conc: 5.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.272 min
Delta R.T.: -0.005 min
Response: 2028037
Conc: 1.61 ng/ml