

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 23:20
 Operator : SM\AJ
 Sample : K3591-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:52:00 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...	5.695	4.783	35015338	12933393	21.977	21.352
2)	SA Decachlor...	12.083	10.554	147.8E6	74725192	23.433	23.857
Target Compounds							
3)	L1 AR-1016-1	7.136	6.237	2661759	1079293	38.965	36.588
4)	L1 AR-1016-2	7.161	6.260	3217681	1137314	32.840	29.034
5)	L1 AR-1016-3	7.233	6.474	2042210	703953	33.918	33.464
6)	L1 AR-1016-4	7.345	6.528	2466009	1553444	49.227	89.166 #
7)	L1 AR-1016-5	7.679	6.781	4580817	1852531	86.552	82.771
8)	L2 AR-1221-1	0.000	5.023	0	22224	N.D.	3.813 #
9)	L2 AR-1221-2	0.000	5.207	0	199468	N.D.	41.484 #
10)	L2 AR-1221-3	0.000	5.313	0	211158	N.D.	12.865 #
11)	L3 AR-1232-1	0.000	5.313	0	211158	N.D.	11.428 #
12)	L3 AR-1232-2	6.819	6.260	2692399	1137314	107.241	57.009 #
13)	L3 AR-1232-3	7.161	6.474	3217681	703953	60.182	64.852
14)	L3 AR-1232-4	7.345	6.578	2466009	1751687	95.269	171.585 #
15)	L3 AR-1232-5	7.452	6.781	4291095	1852531	210.303	169.233
16)	L4 AR-1242-1	7.136	6.237	2661759	1079293	65.005	62.473
17)	L4 AR-1242-2	7.161	6.260	3217681	1137314	54.621	48.974
18)	L4 AR-1242-3	7.233	6.474	2042210	703953	54.813	56.957
19)	L4 AR-1242-4	7.345	6.578	2466009	1751687	82.739	137.864 #
20)	L4 AR-1242-5	8.167	7.189	7441270	4094105	178.951	204.488
21)	L5 AR-1248-1	7.136	6.237	2661759	1079293	84.234	85.698
22)	L5 AR-1248-2	7.452	6.528	4291095	1553444	100.285	87.717
23)	L5 AR-1248-3	7.679	6.578	4580817	1751687	85.413	93.565
24)	L5 AR-1248-4	8.126	6.781	8224277	1852531	114.021	80.283 #
25)	L5 AR-1248-5	8.167	7.237	7441270	3557041	102.788	125.504
26)	L6 AR-1254-1	8.096	7.189	7294810	4094105	101.611	90.508
27)	L6 AR-1254-2	8.337	7.359	6469428	2294001	52.618	52.052
28)	L6 AR-1254-3	8.729	7.804	9413628	2782671	64.726	37.305 #
29)	L6 AR-1254-4	9.030	8.053	11242801	2233162	87.350	40.353 #
30)	L6 AR-1254-5	0.000	8.500	0	1121869	N.D.	13.766 #
31)	L7 AR-1260-1	8.859	7.940	11599268	371555	89.293	6.400 #
32)	L7 AR-1260-2	0.000	8.160	0	449557	N.D.	5.880 #
33)	L7 AR-1260-3	0.000	8.314	0	1021763	N.D.	14.574 #
34)	L7 AR-1260-4	0.000	8.809	0	206697	N.D.	3.135 #
35)	L7 AR-1260-5	0.000	9.063	0	355352	N.D.	1.893 #
36)	L8 AR-1262-1	0.000	8.500	0	1121869	N.D.	11.346 #
37)	L8 AR-1262-2	0.000	9.063	0	355352	N.D.	1.590 #
38)	L8 AR-1262-3	0.000	9.422	0	9705745	N.D.	84.358 #
39)	L8 AR-1262-4	0.000	9.422	0	9705745	N.D.	43.080 #
40)	L8 AR-1262-5	0.000	9.948	0	402294	N.D.	2.604 #
41)	L9 AR-1268-1	0.000	9.422	0	9705745	N.D.	29.686 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 23:20
 Operator : SM\AJ
 Sample : K3591-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 26 Sample Multiplier: 1

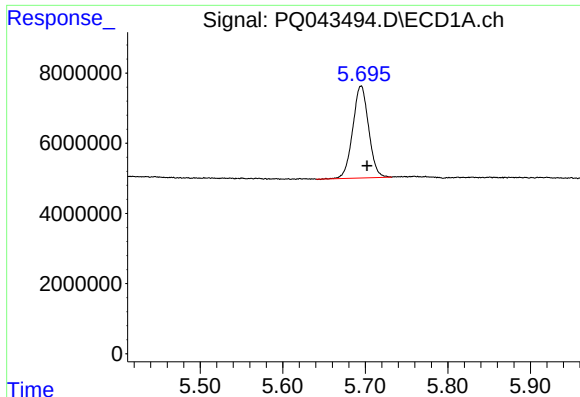
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:52:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	9.422	0	9705745	N.D.	30.345 #
43) L9	AR-1268-3	0.000	9.643	0	1433496	N.D.	5.058 #
44) L9	AR-1268-4	0.000	9.961	0	308801	N.D.	1.900 #
45) L9	AR-1268-5	0.000	10.273	0	1460194	N.D.	1.163 #

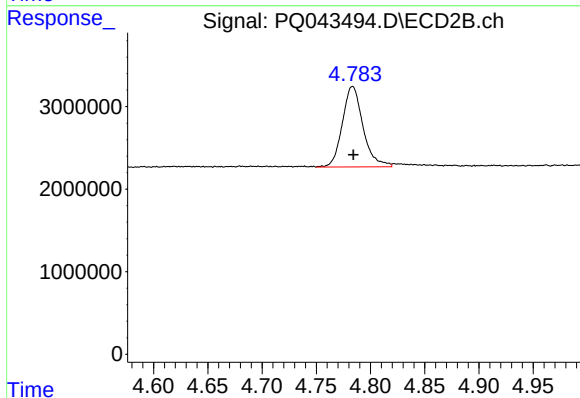
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

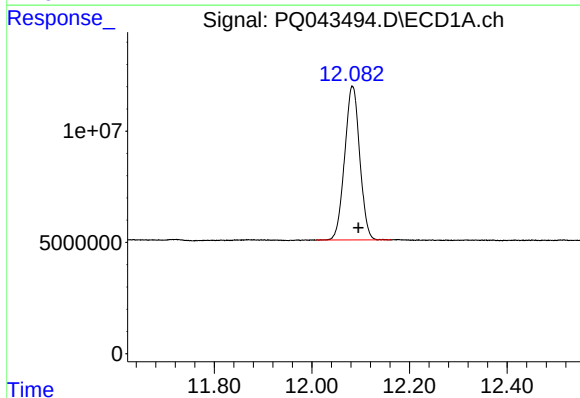
R.T.: 5.695 min
Delta R.T.: -0.007 min
Response: 35015338
Conc: 21.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



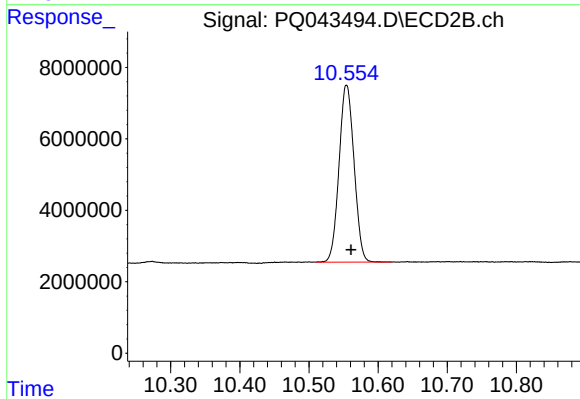
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 12933393
Conc: 21.35 ng/ml



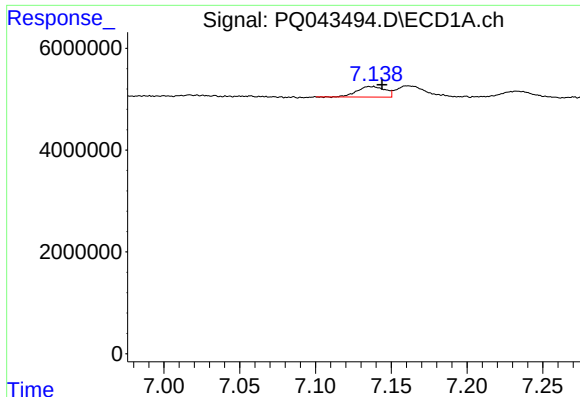
#2 Decachlorobiphenyl

R.T.: 12.083 min
Delta R.T.: -0.013 min
Response: 147790284
Conc: 23.43 ng/ml



#2 Decachlorobiphenyl

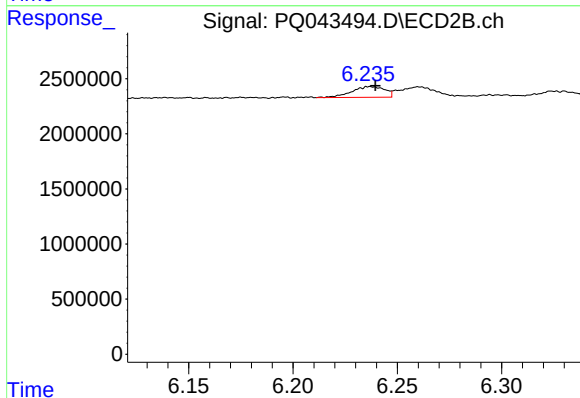
R.T.: 10.554 min
Delta R.T.: -0.006 min
Response: 74725192
Conc: 23.86 ng/ml



#3 AR-1016-1

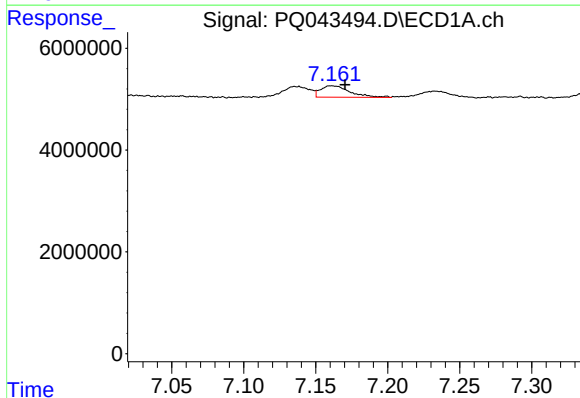
R.T.: 7.136 min
Delta R.T.: -0.008 min
Response: 2661759
Conc: 38.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



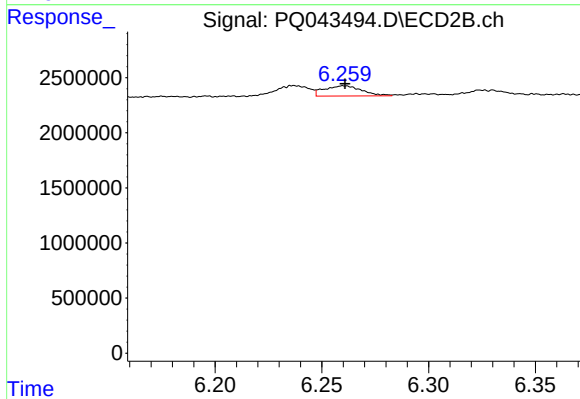
#3 AR-1016-1

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 1079293
Conc: 36.59 ng/ml



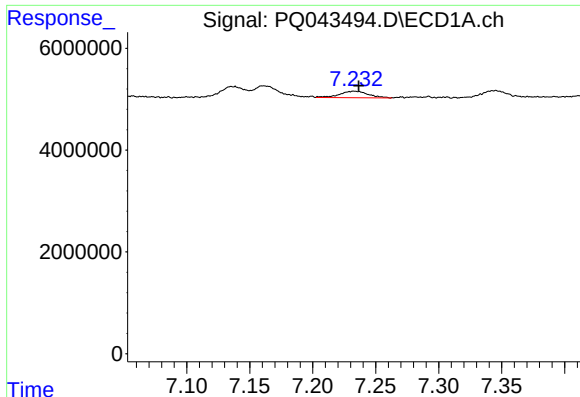
#4 AR-1016-2

R.T.: 7.161 min
Delta R.T.: -0.009 min
Response: 3217681
Conc: 32.84 ng/ml



#4 AR-1016-2

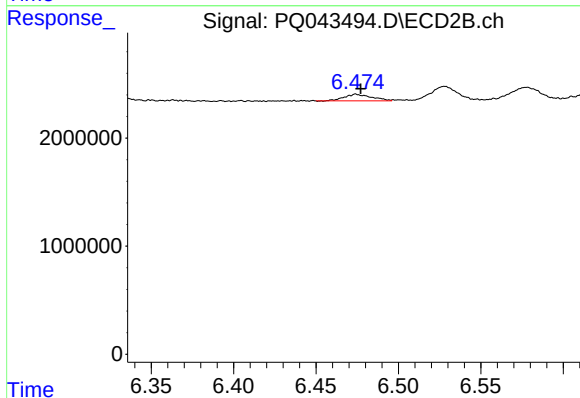
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 1137314
Conc: 29.03 ng/ml



#5 AR-1016-3

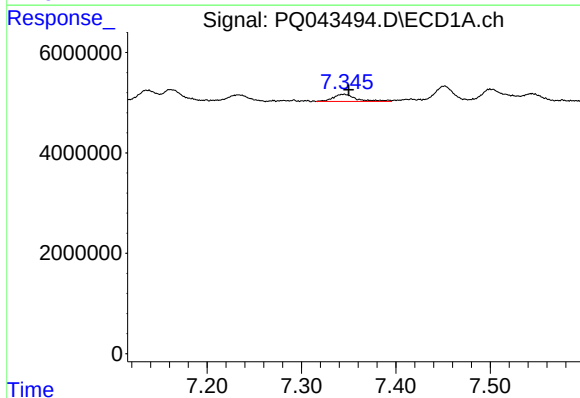
R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 2042210
Conc: 33.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



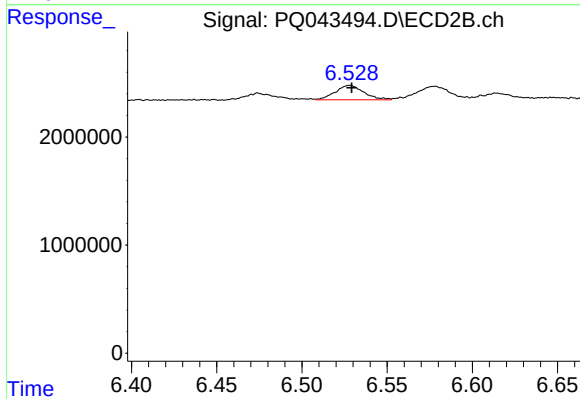
#5 AR-1016-3

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 703953
Conc: 33.46 ng/ml



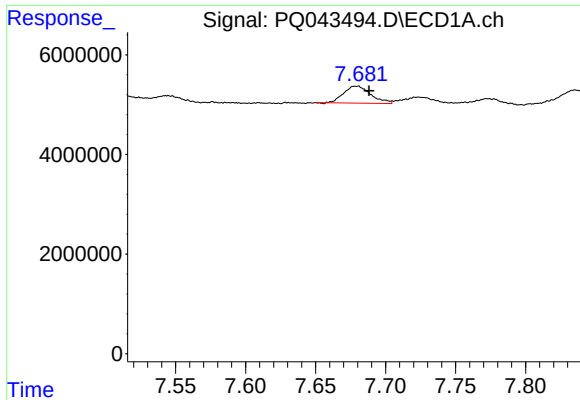
#6 AR-1016-4

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 2466009
Conc: 49.23 ng/ml



#6 AR-1016-4

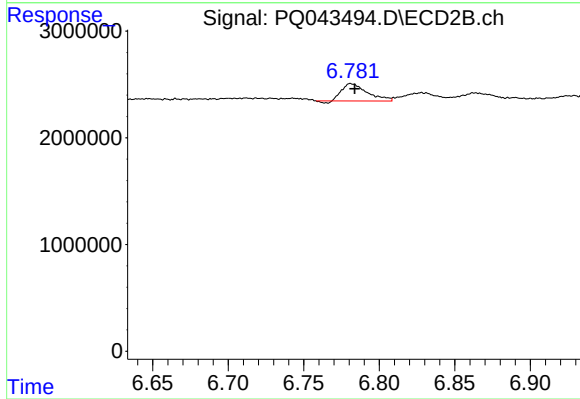
R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 1553444
Conc: 89.17 ng/ml



#7 AR-1016-5

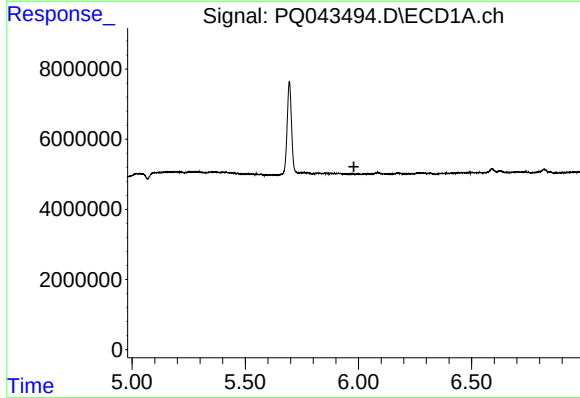
R.T.: 7.679 min
Delta R.T.: -0.009 min
Response: 4580817
Conc: 86.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



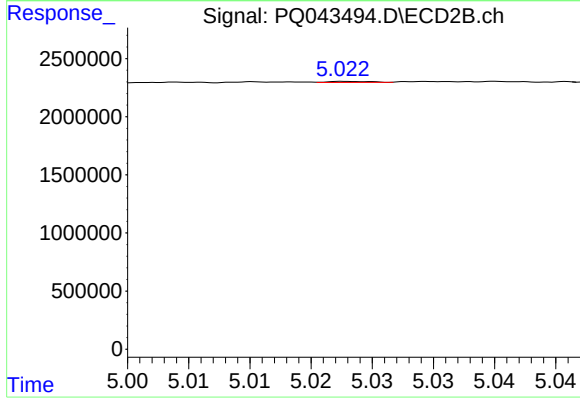
#7 AR-1016-5

R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 1852531
Conc: 82.77 ng/ml



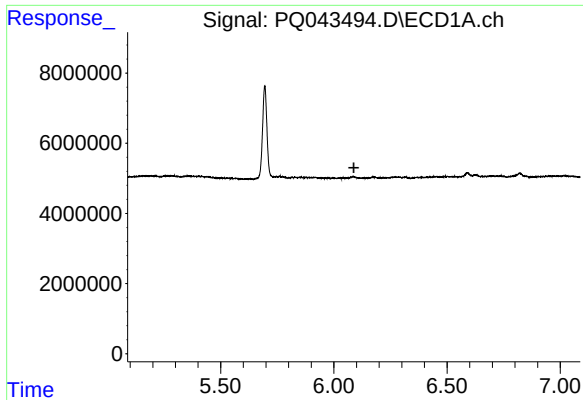
#8 AR-1221-1

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



#8 AR-1221-1

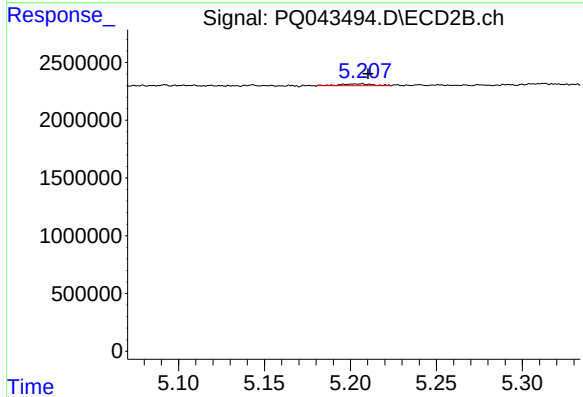
R.T.: 5.023 min
Delta R.T.: -0.069 min
Response: 22224
Conc: 3.81 ng/ml



#9 AR-1221-2

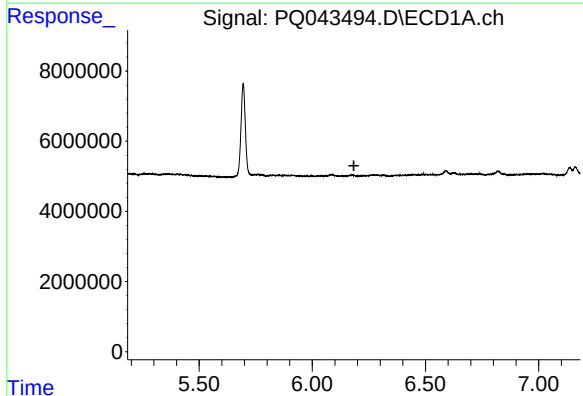
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



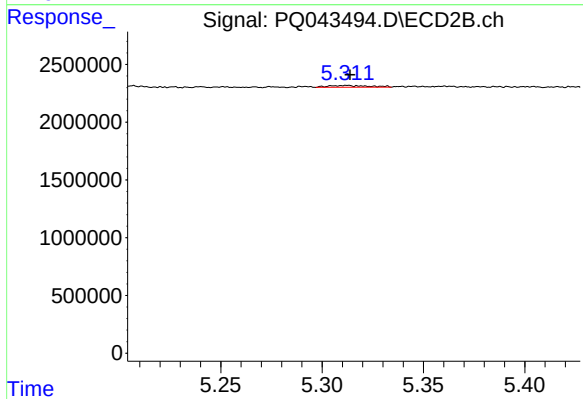
#9 AR-1221-2

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 199468
Conc: 41.48 ng/ml



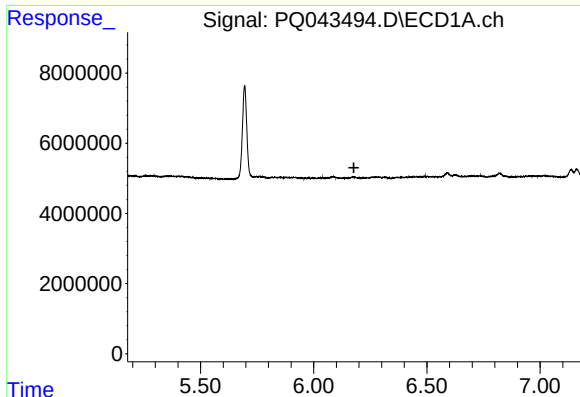
#10 AR-1221-3

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



#10 AR-1221-3

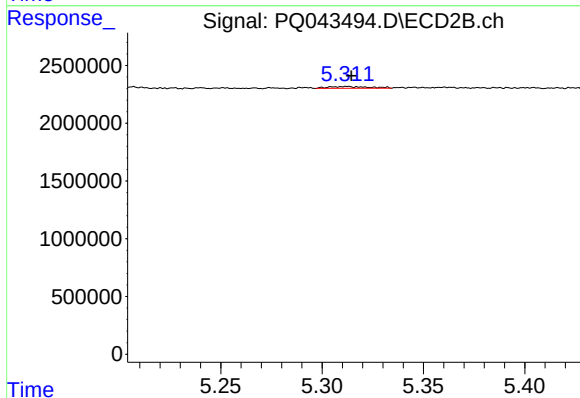
R.T.: 5.313 min
Delta R.T.: -0.001 min
Response: 211158
Conc: 12.87 ng/ml



#11 AR-1232-1

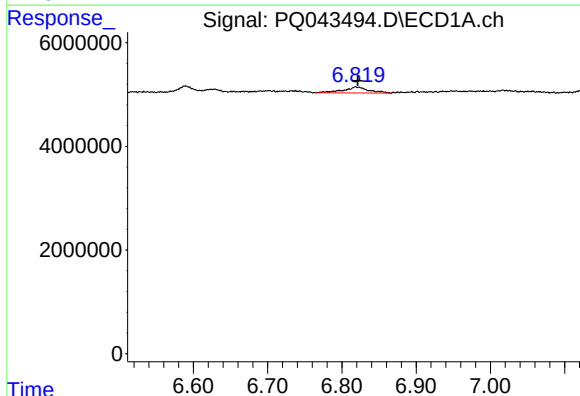
R.T.: 0.000 min
Exp R.T.: 6.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



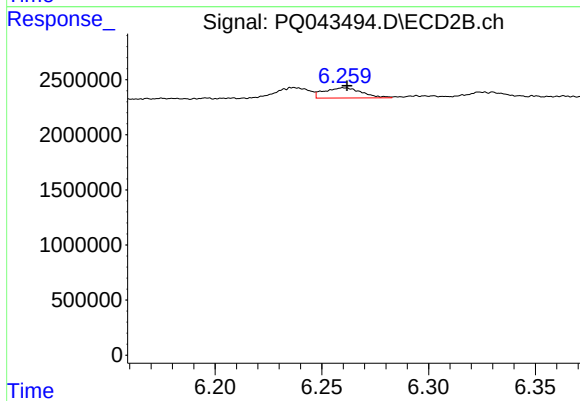
#11 AR-1232-1

R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 211158
Conc: 11.43 ng/ml



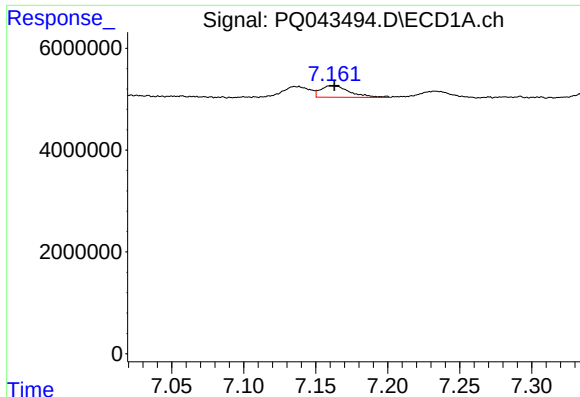
#12 AR-1232-2

R.T.: 6.819 min
Delta R.T.: -0.003 min
Response: 2692399
Conc: 107.24 ng/ml



#12 AR-1232-2

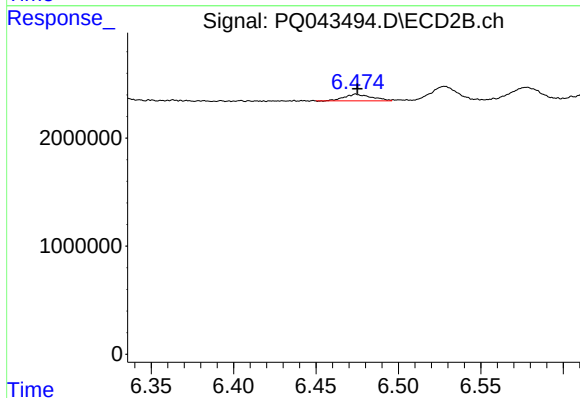
R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 1137314
Conc: 57.01 ng/ml



#13 AR-1232-3

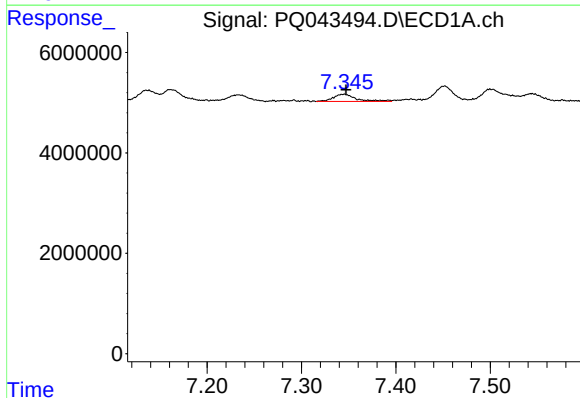
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 3217681
Conc: 60.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



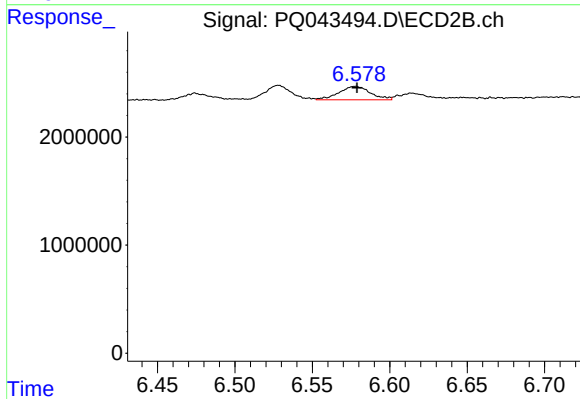
#13 AR-1232-3

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 703953
Conc: 64.85 ng/ml



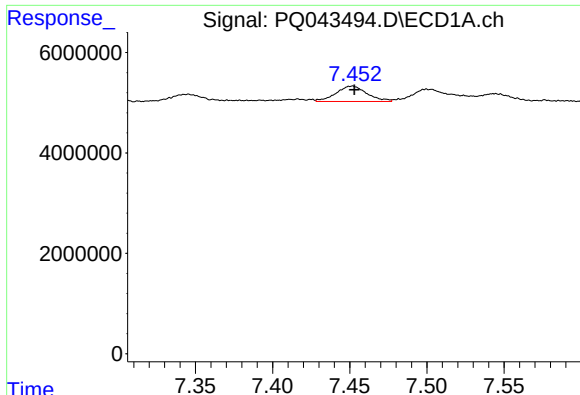
#14 AR-1232-4

R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 2466009
Conc: 95.27 ng/ml



#14 AR-1232-4

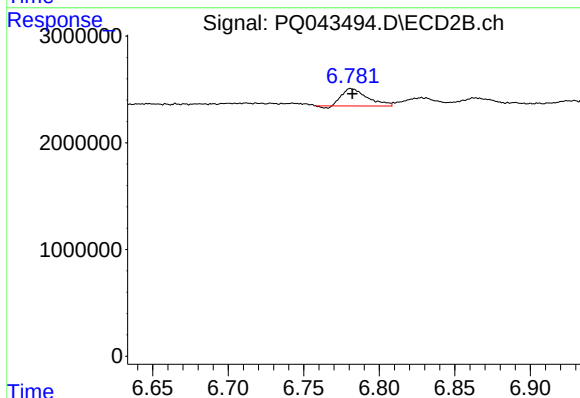
R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 1751687
Conc: 171.59 ng/ml



#15 AR-1232-5

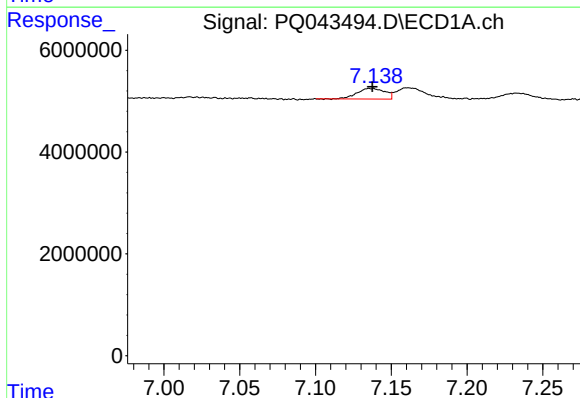
R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 4291095
Conc: 210.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



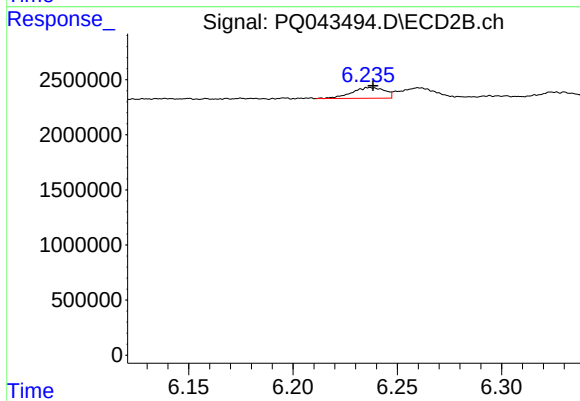
#15 AR-1232-5

R.T.: 6.781 min
Delta R.T.: -0.001 min
Response: 1852531
Conc: 169.23 ng/ml



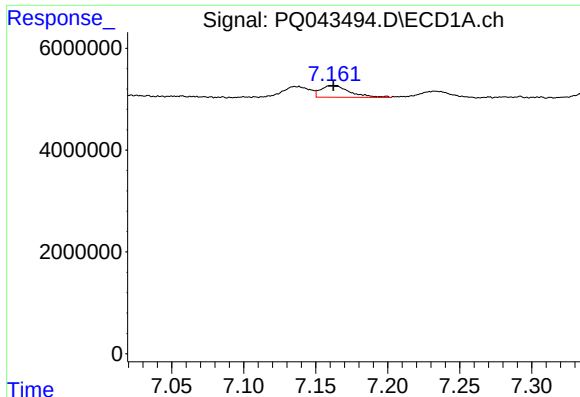
#16 AR-1242-1

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 2661759
Conc: 65.00 ng/ml



#16 AR-1242-1

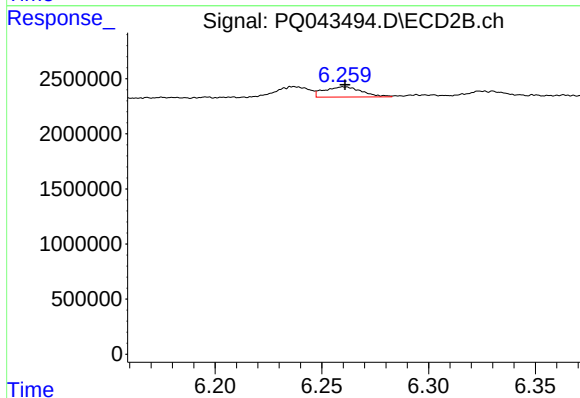
R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 1079293
Conc: 62.47 ng/ml



#17 AR-1242-2

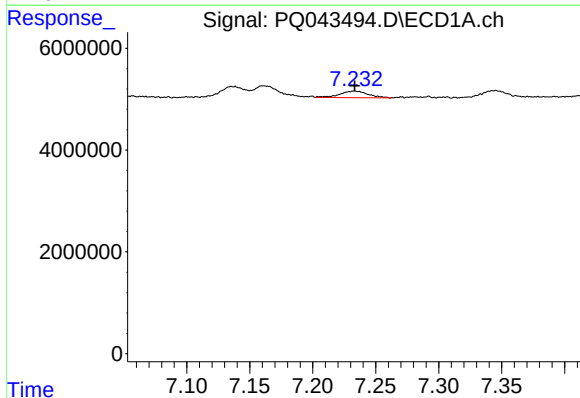
R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 3217681
Conc: 54.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



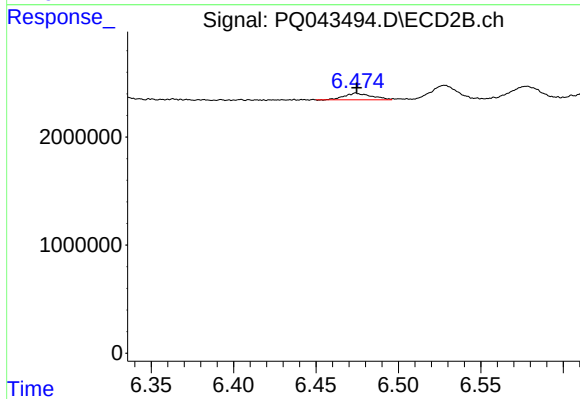
#17 AR-1242-2

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 1137314
Conc: 48.97 ng/ml



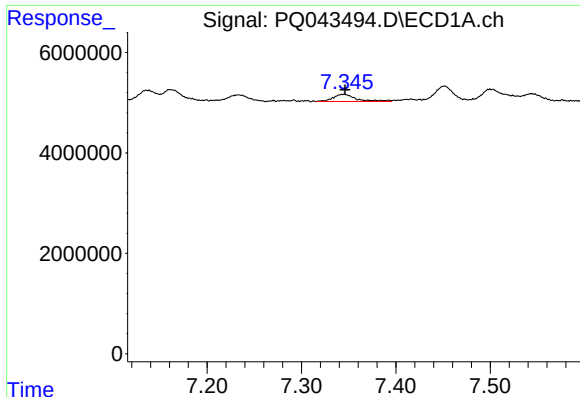
#18 AR-1242-3

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 2042210
Conc: 54.81 ng/ml



#18 AR-1242-3

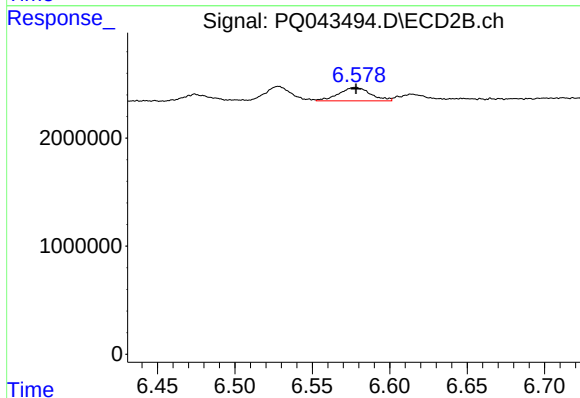
R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 703953
Conc: 56.96 ng/ml



#19 AR-1242-4

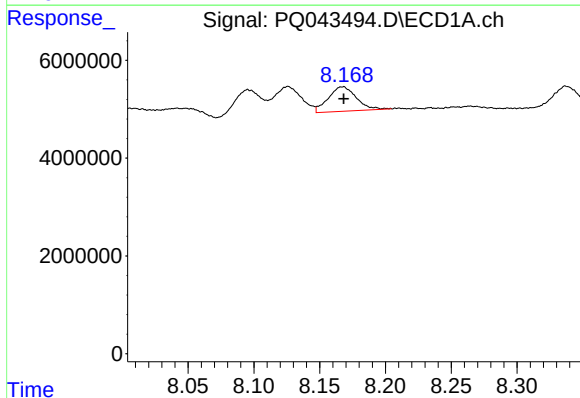
R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 2466009
Conc: 82.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



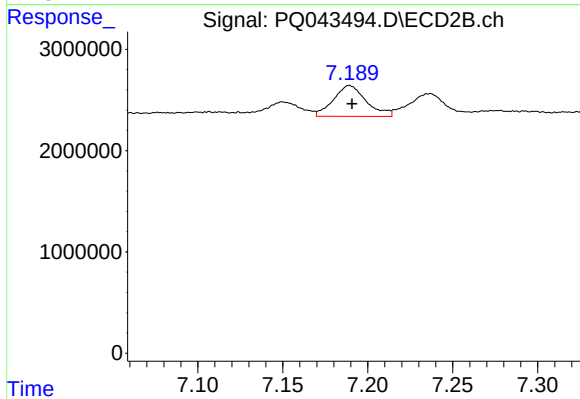
#19 AR-1242-4

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 1751687
Conc: 137.86 ng/ml



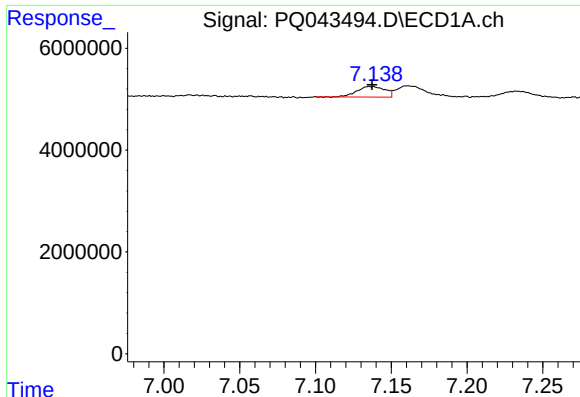
#20 AR-1242-5

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 7441270
Conc: 178.95 ng/ml



#20 AR-1242-5

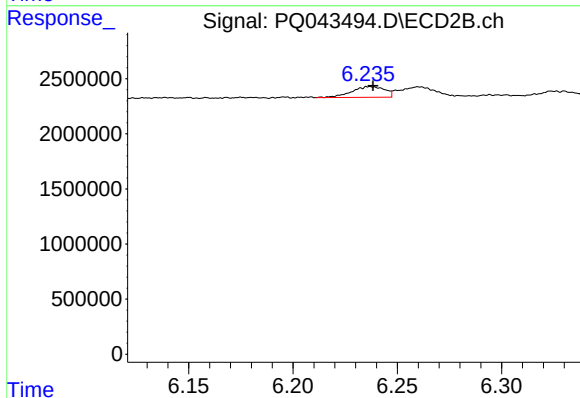
R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 4094105
Conc: 204.49 ng/ml



#21 AR-1248-1

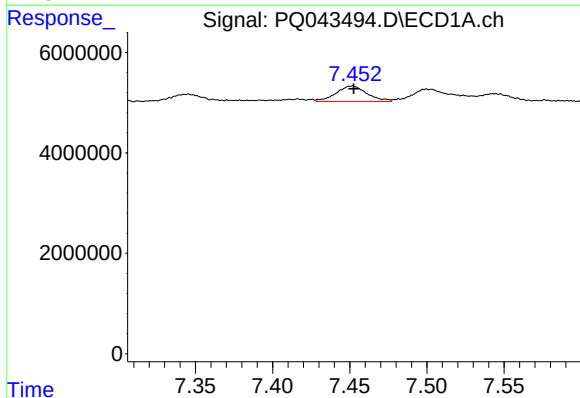
R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 2661759
Conc: 84.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



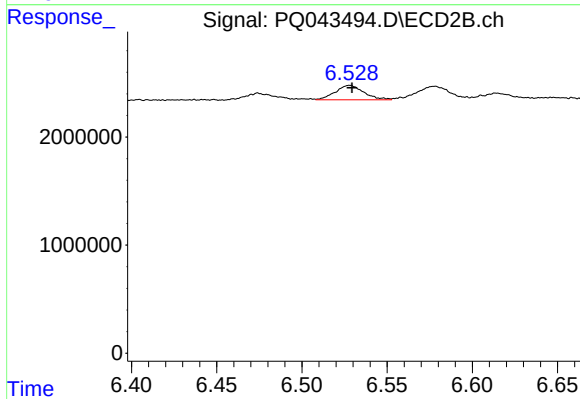
#21 AR-1248-1

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 1079293
Conc: 85.70 ng/ml



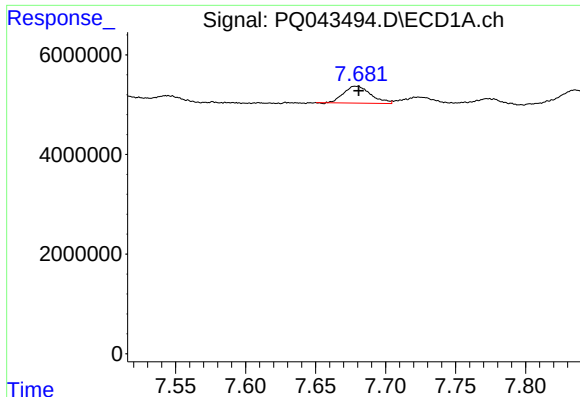
#22 AR-1248-2

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 4291095
Conc: 100.28 ng/ml



#22 AR-1248-2

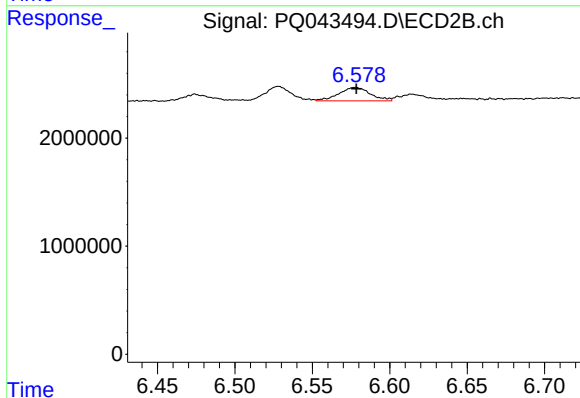
R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 1553444
Conc: 87.72 ng/ml



#23 AR-1248-3

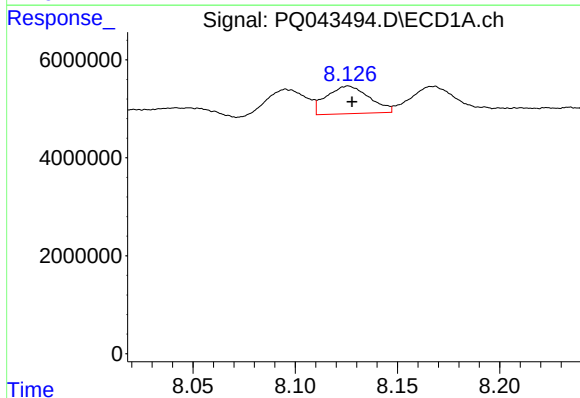
R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 4580817
Conc: 85.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



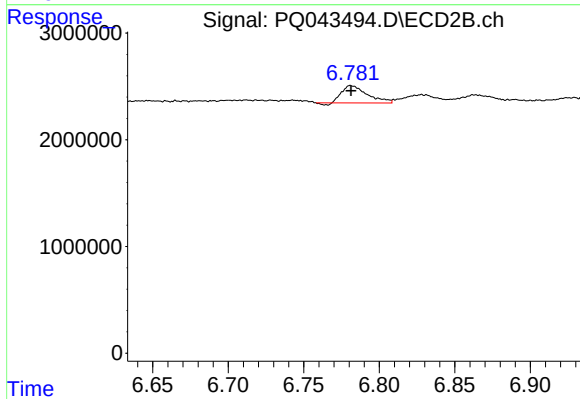
#23 AR-1248-3

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 1751687
Conc: 93.56 ng/ml



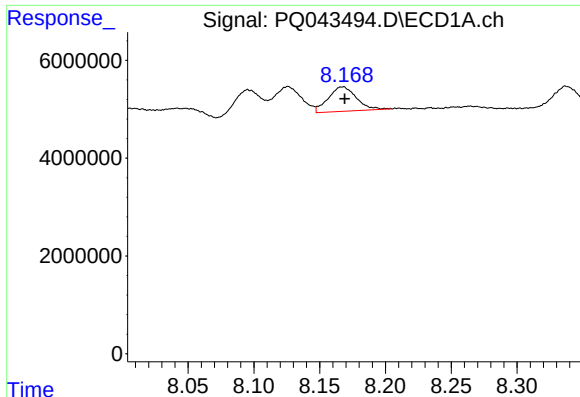
#24 AR-1248-4

R.T.: 8.126 min
Delta R.T.: -0.002 min
Response: 8224277
Conc: 114.02 ng/ml



#24 AR-1248-4

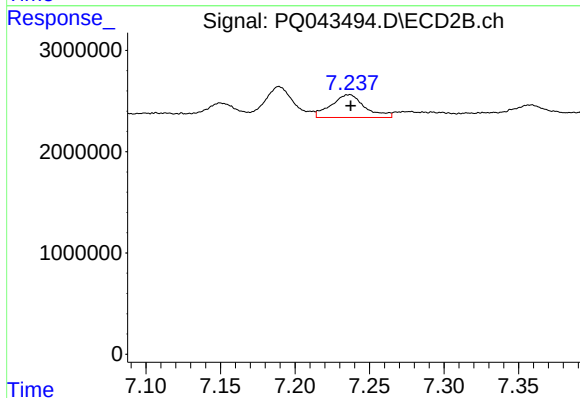
R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 1852531
Conc: 80.28 ng/ml



#25 AR-1248-5

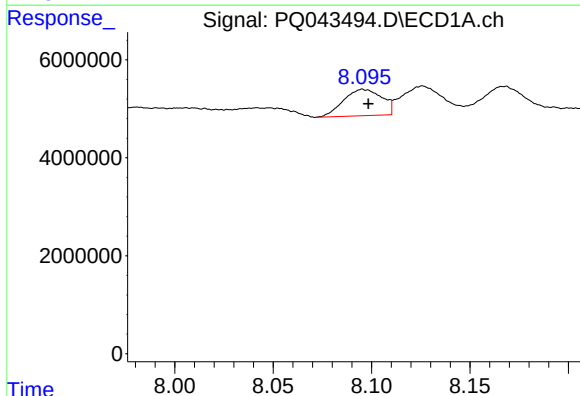
R.T.: 8.167 min
Delta R.T.: -0.001 min
Response: 7441270
Conc: 102.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



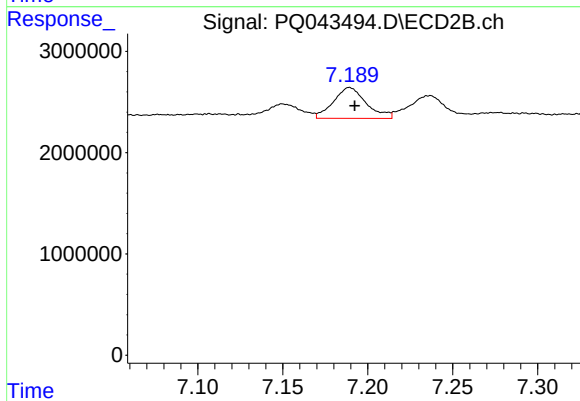
#25 AR-1248-5

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 3557041
Conc: 125.50 ng/ml



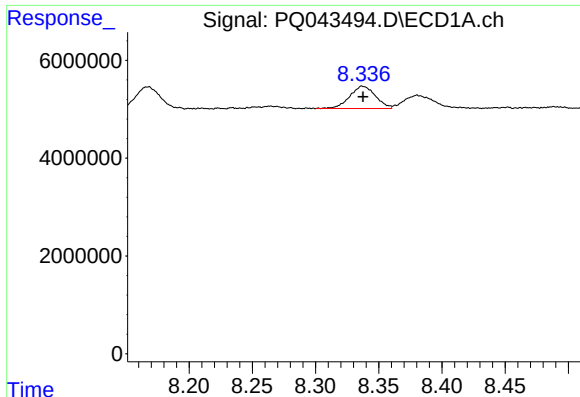
#26 AR-1254-1

R.T.: 8.096 min
Delta R.T.: -0.003 min
Response: 7294810
Conc: 101.61 ng/ml



#26 AR-1254-1

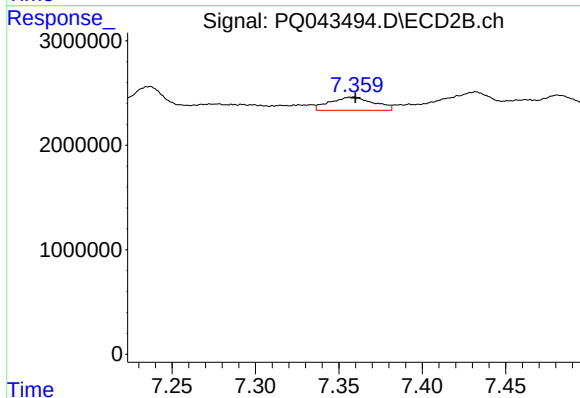
R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 4094105
Conc: 90.51 ng/ml



#27 AR-1254-2

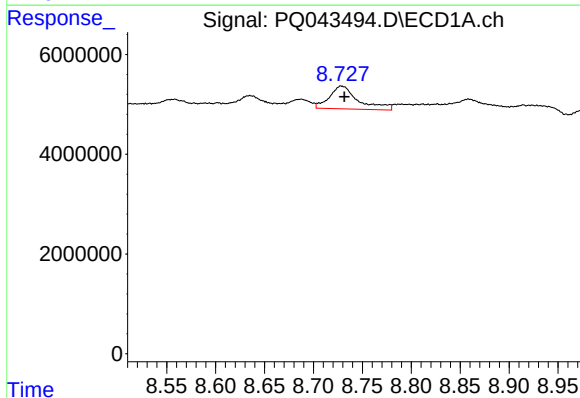
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 6469428
Conc: 52.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



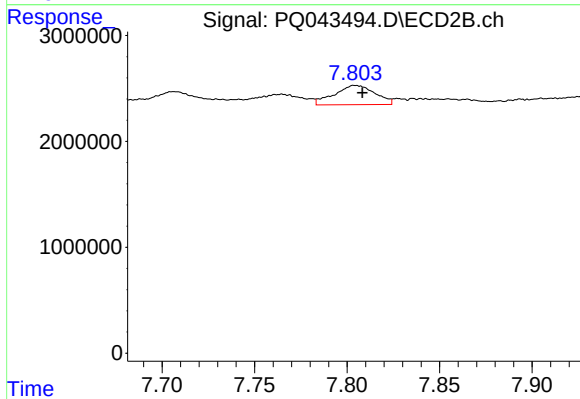
#27 AR-1254-2

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 2294001
Conc: 52.05 ng/ml



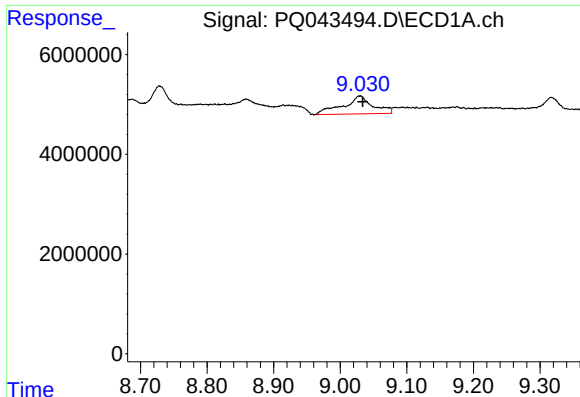
#28 AR-1254-3

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 9413628
Conc: 64.73 ng/ml



#28 AR-1254-3

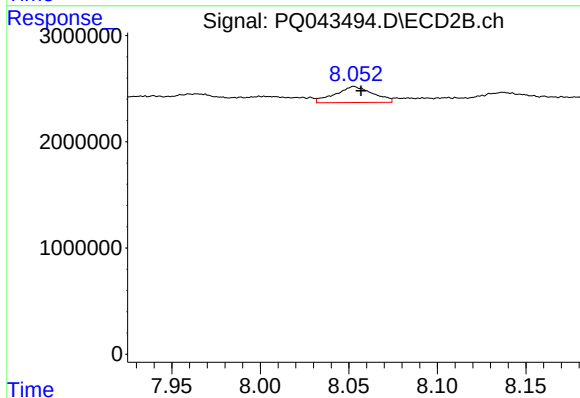
R.T.: 7.804 min
Delta R.T.: -0.004 min
Response: 2782671
Conc: 37.30 ng/ml



#29 AR-1254-4

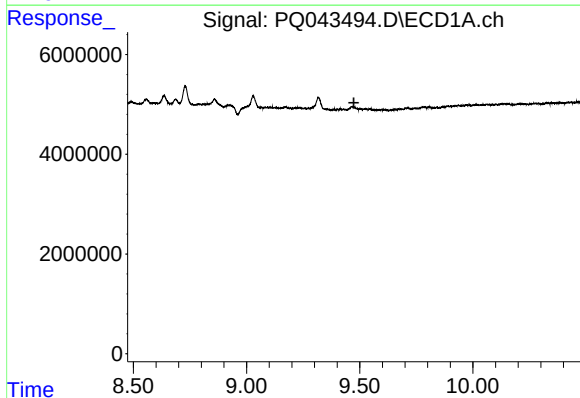
R.T.: 9.030 min
Delta R.T.: -0.004 min
Response: 11242801
Conc: 87.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



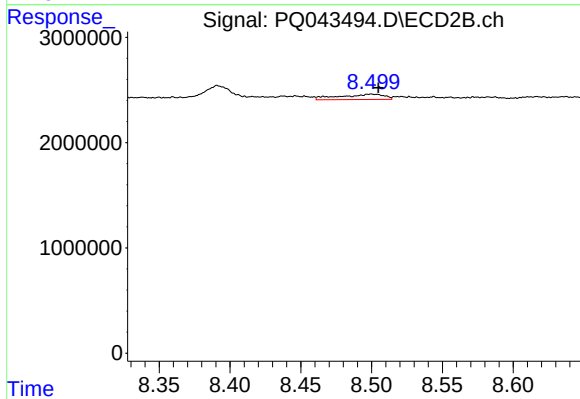
#29 AR-1254-4

R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 2233162
Conc: 40.35 ng/ml



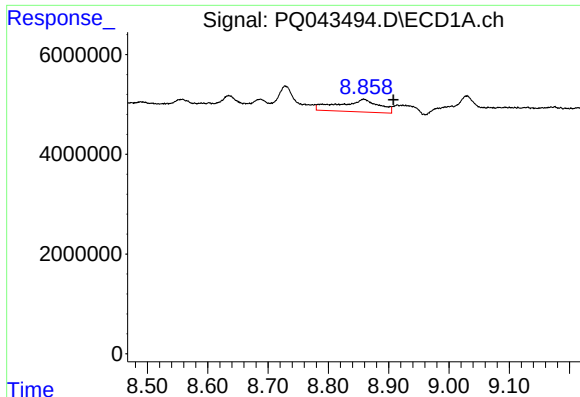
#30 AR-1254-5

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



#30 AR-1254-5

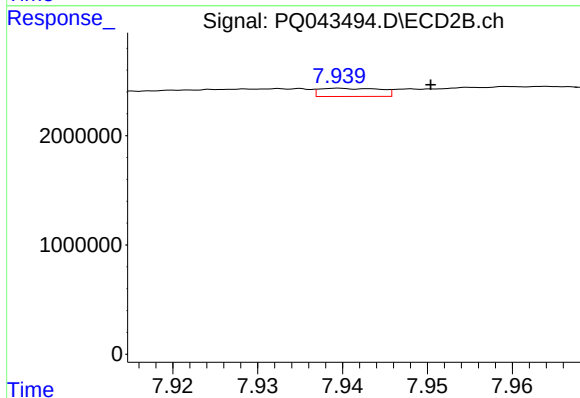
R.T.: 8.500 min
Delta R.T.: -0.005 min
Response: 1121869
Conc: 13.77 ng/ml



#31 AR-1260-1

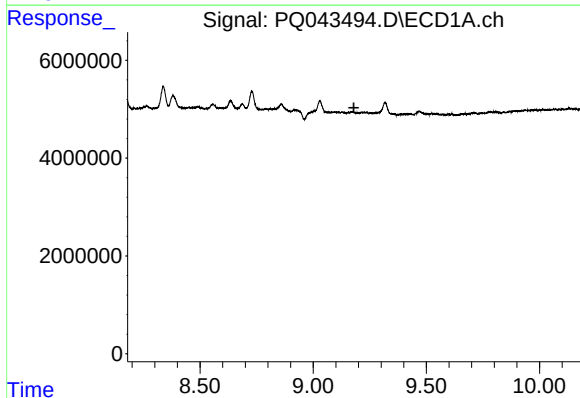
R.T.: 8.859 min
Delta R.T.: -0.049 min
Response: 11599268
Conc: 89.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



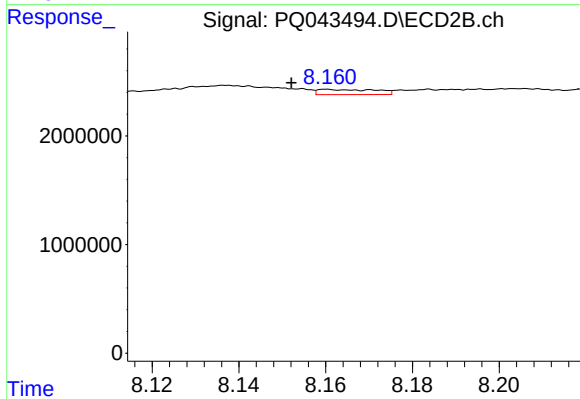
#31 AR-1260-1

R.T.: 7.940 min
Delta R.T.: -0.011 min
Response: 371555
Conc: 6.40 ng/ml



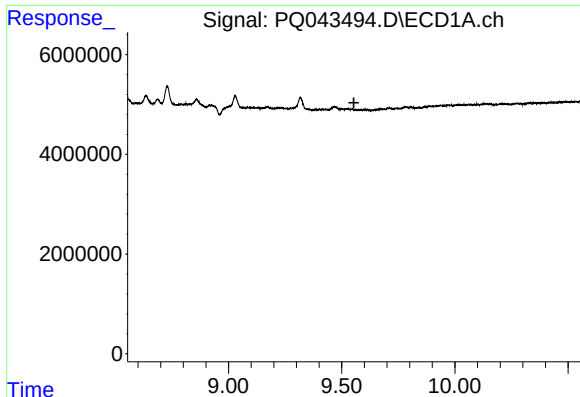
#32 AR-1260-2

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



#32 AR-1260-2

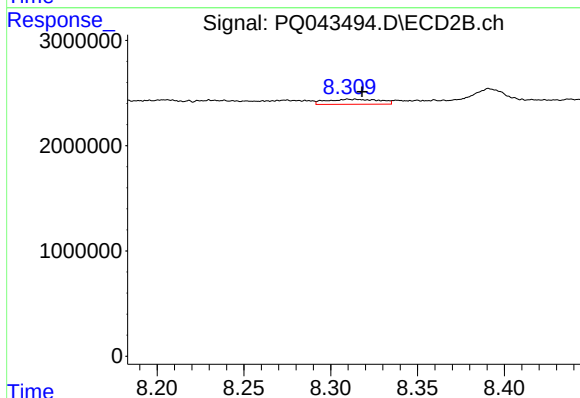
R.T.: 8.160 min
Delta R.T.: 0.008 min
Response: 449557
Conc: 5.88 ng/ml



#33 AR-1260-3

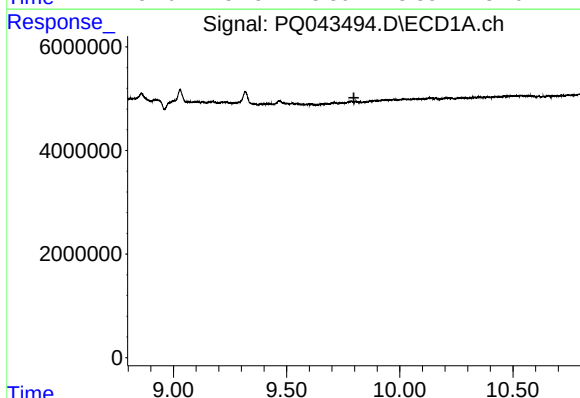
R.T.: 0.000 min
Exp R.T.: 9.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



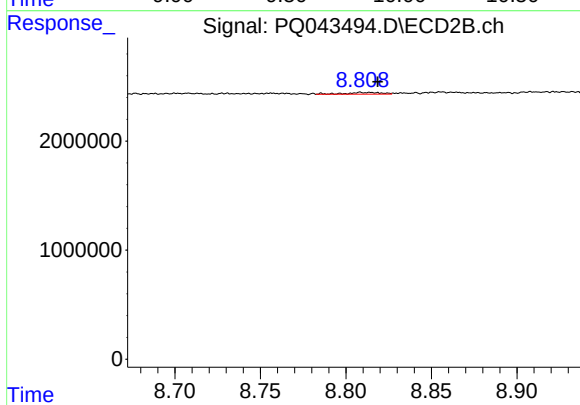
#33 AR-1260-3

R.T.: 8.314 min
Delta R.T.: -0.004 min
Response: 1021763
Conc: 14.57 ng/ml



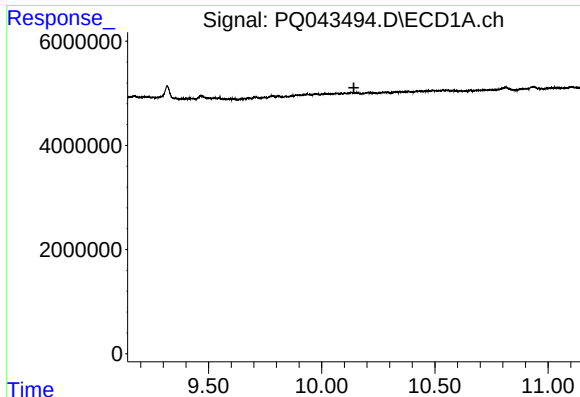
#34 AR-1260-4

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



#34 AR-1260-4

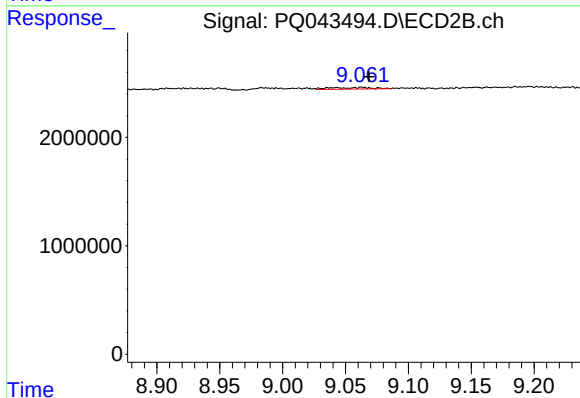
R.T.: 8.809 min
Delta R.T.: -0.010 min
Response: 206697
Conc: 3.14 ng/ml



#35 AR-1260-5

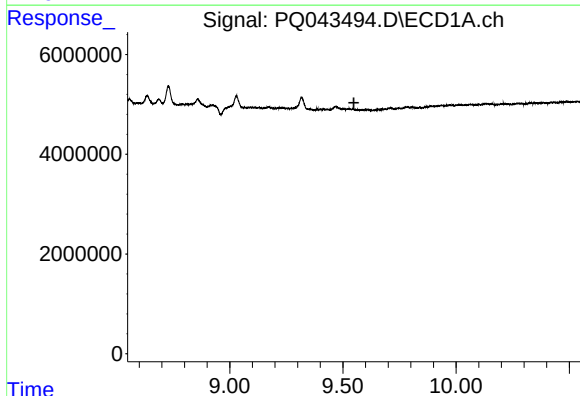
R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



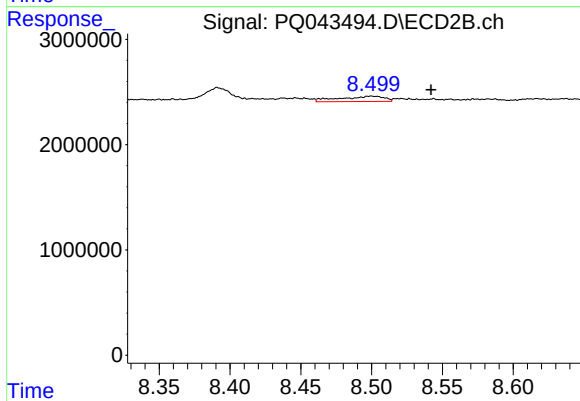
#35 AR-1260-5

R.T.: 9.063 min
Delta R.T.: -0.006 min
Response: 355352
Conc: 1.89 ng/ml



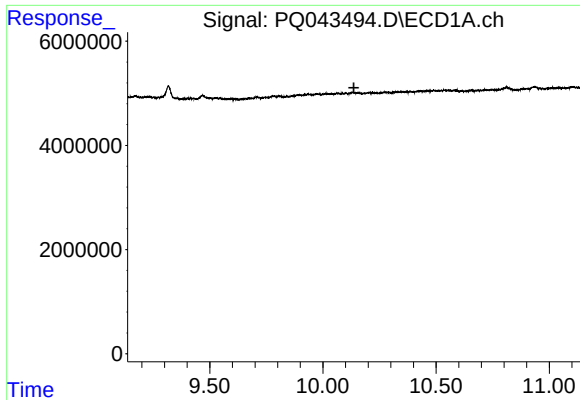
#36 AR-1262-1

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



#36 AR-1262-1

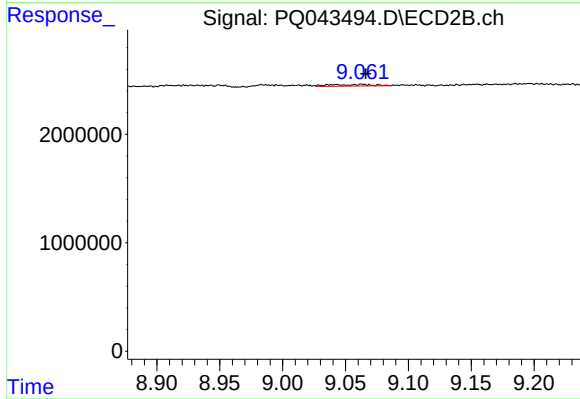
R.T.: 8.500 min
Delta R.T.: -0.042 min
Response: 1121869
Conc: 11.35 ng/ml



#37 AR-1262-2

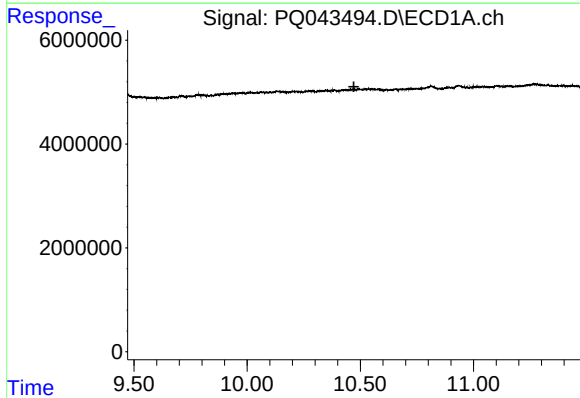
R.T.: 0.000 min
Exp R.T. : 10.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



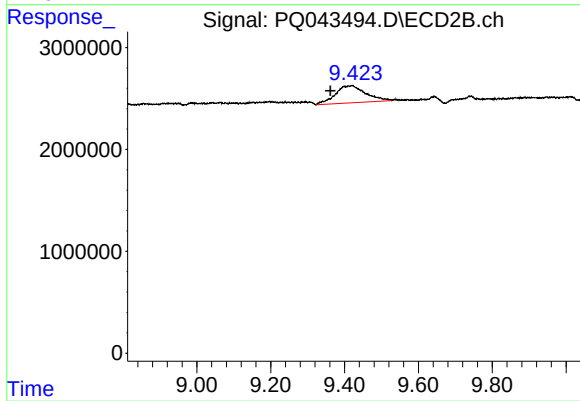
#37 AR-1262-2

R.T.: 9.063 min
Delta R.T.: -0.003 min
Response: 355352
Conc: 1.59 ng/ml



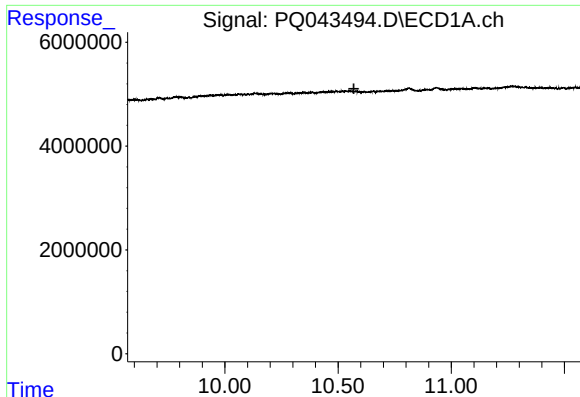
#38 AR-1262-3

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



#38 AR-1262-3

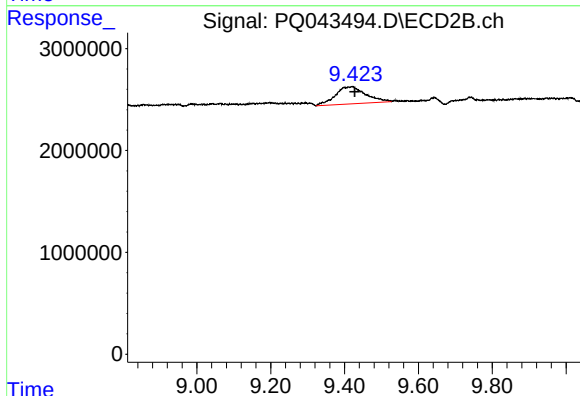
R.T.: 9.422 min
Delta R.T.: 0.060 min
Response: 9705745
Conc: 84.36 ng/ml



#39 AR-1262-4

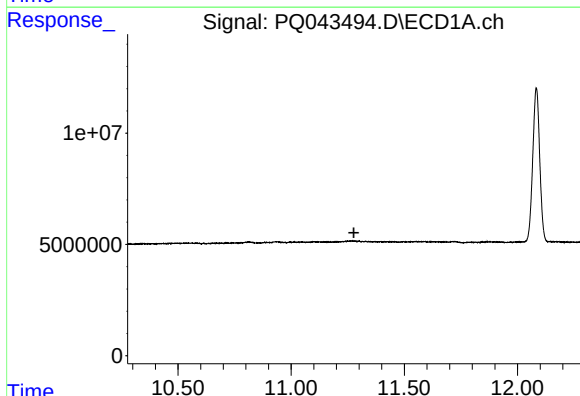
R.T.: 0.000 min
Exp R.T.: 10.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



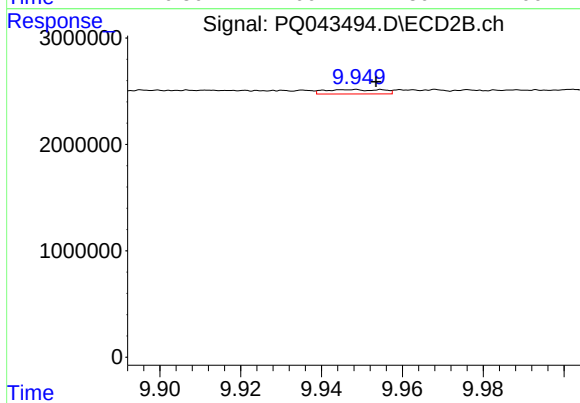
#39 AR-1262-4

R.T.: 9.422 min
Delta R.T.: -0.006 min
Response: 9705745
Conc: 43.08 ng/ml



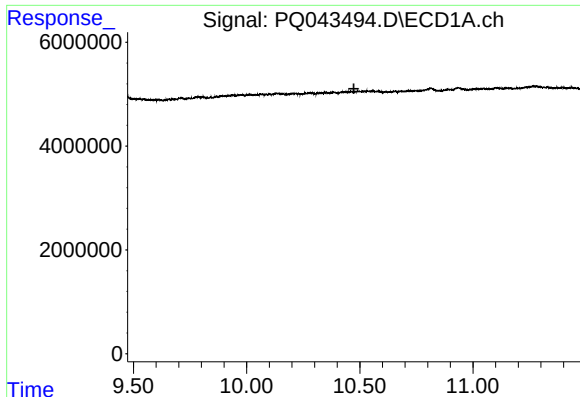
#40 AR-1262-5

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



#40 AR-1262-5

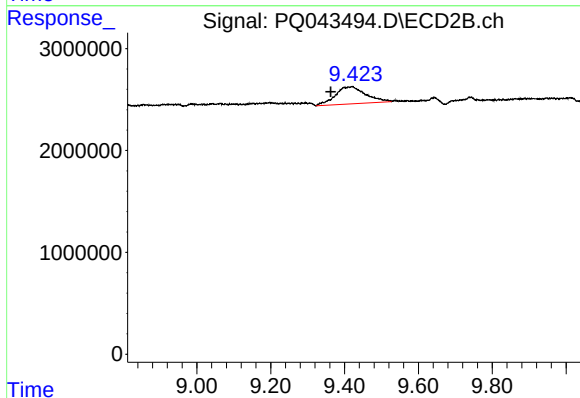
R.T.: 9.948 min
Delta R.T.: -0.006 min
Response: 402294
Conc: 2.60 ng/ml



#41 AR-1268-1

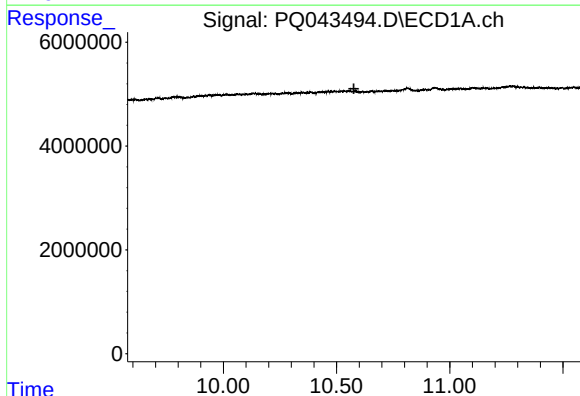
R.T.: 0.000 min
Exp R.T. : 10.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



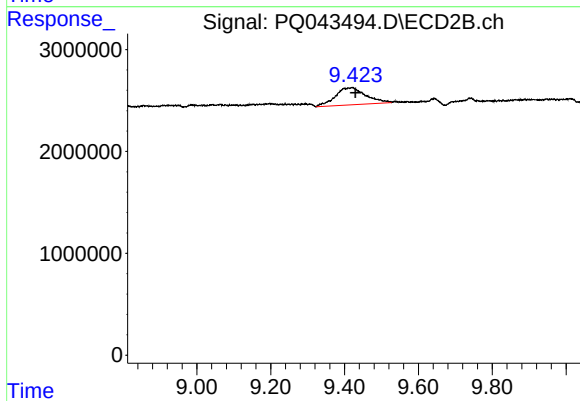
#41 AR-1268-1

R.T.: 9.422 min
Delta R.T.: 0.059 min
Response: 9705745
Conc: 29.69 ng/ml



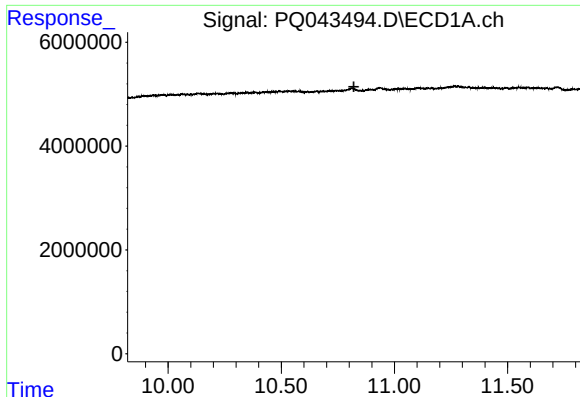
#42 AR-1268-2

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



#42 AR-1268-2

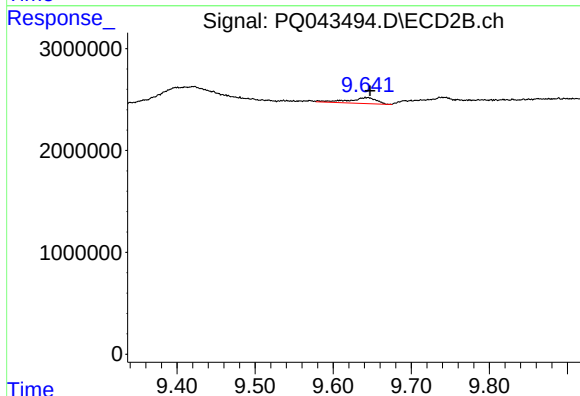
R.T.: 9.422 min
Delta R.T.: -0.008 min
Response: 9705745
Conc: 30.34 ng/ml



#43 AR-1268-3

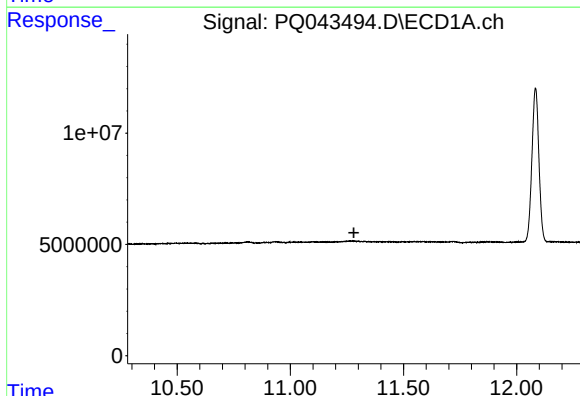
R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



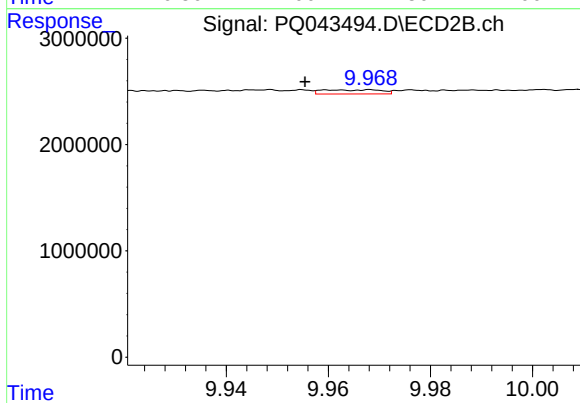
#43 AR-1268-3

R.T.: 9.643 min
Delta R.T.: -0.004 min
Response: 1433496
Conc: 5.06 ng/ml



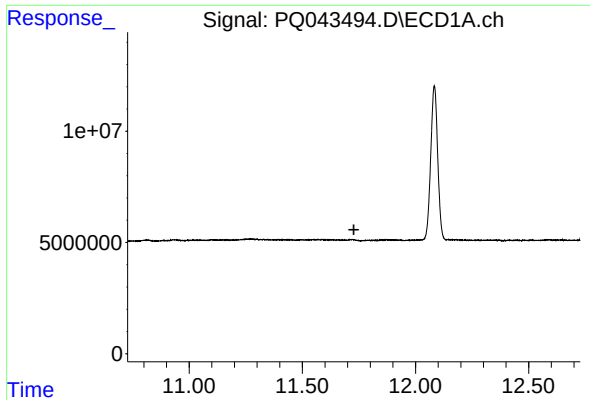
#44 AR-1268-4

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



#44 AR-1268-4

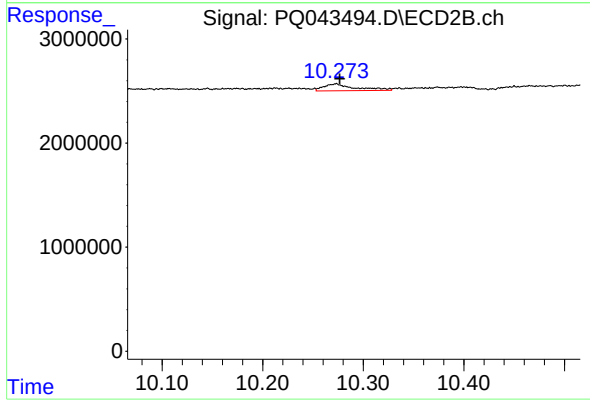
R.T.: 9.961 min
Delta R.T.: 0.005 min
Response: 308801
Conc: 1.90 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.273 min
Delta R.T.: -0.004 min
Response: 1460194
Conc: 1.16 ng/ml