

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101419\
 Data File : PQ044346.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2019 19:00
 Operator : HP\AJ
 Sample : K5322-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ESP09

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:46:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 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...	5.325	4.356	59033097	73975941	15.185	16.572
2)	SA Decachlor...	11.614	9.801	116.9E6	132.2E6	21.814	22.104
Target Compounds							
3)	L1 AR-1016-1	6.646	5.637	3416788	468596	30.108	3.416 #
4)	L1 AR-1016-2	6.669	5.637	2843193	468596	17.623	2.116 #
5)	L1 AR-1016-3	6.737	5.903	2131203	3900344	20.938	37.375 #
6)	L1 AR-1016-4	6.843	5.903	2603430	3900344	31.508	41.735 #
7)	L1 AR-1016-5	7.162	6.138	3533212	4860194	46.713	39.746
10)	L2 AR-1221-3	5.775	4.880	2771553	167775	28.492	1.598 #
11)	L3 AR-1232-1	5.775	4.880	2771553	167775	33.028	1.813 #
12)	L3 AR-1232-2	6.351	5.637	4576435	468596	117.813	4.443 #
13)	L3 AR-1232-3	6.669	5.903	2843193	3900344	37.061	78.926 #
14)	L3 AR-1232-4	6.843	5.948	2603430	3472462	68.636	73.629
15)	L3 AR-1232-5	6.941	6.138	3820654	4860194	135.506	88.911 #
16)	L4 AR-1242-1	6.646	5.637	3416788	468596	34.998	3.954 #
17)	L4 AR-1242-2	6.669	5.637	2843193	468596	20.441	2.484 #
18)	L4 AR-1242-3	6.737	5.903	2131203	3900344	23.980	42.171 #
19)	L4 AR-1242-4	6.843	5.948	2603430	3472462	36.447	35.329
20)	L4 AR-1242-5	7.633	6.521	5402861	7370953	71.067	57.845
21)	L5 AR-1248-1	6.646	5.637	3416788	468596	46.565	5.175 #
22)	L5 AR-1248-2	6.941	5.903	3820654	3900344	38.569	28.140 #
23)	L5 AR-1248-3	7.162	5.948	3533212	3472462	32.715	24.553
24)	L5 AR-1248-4	7.592	6.138	4754430	4860194	37.763	28.296 #
25)	L5 AR-1248-5	7.633	6.564	5402861	3366982	44.623	20.111 #
26)	L6 AR-1254-1	7.563	6.521	4635486	7370953	34.450	25.272 #
27)	L6 AR-1254-2	7.797	6.678	7275653	4936850	34.058	18.908 #
28)	L6 AR-1254-3	8.179	7.108	4223075	8194315	17.164	18.755
29)	L6 AR-1254-4	8.476	7.348	3439467	10589972	17.149	39.423 #
30)	L6 AR-1254-5	8.909	7.783	23511879	4978434	98.234	12.450 #
31)	L7 AR-1260-1	8.350	7.245	9823697	5471650	65.259	22.504 #
32)	L7 AR-1260-2	8.615	7.439	5278932	6192312	26.822	20.514
33)	L7 AR-1260-3	8.987	7.602	1912577	8953458	11.929	31.815 #
34)	L7 AR-1260-4	9.231	0.000	9199943	0	47.118	N.D. #
35)	L7 AR-1260-5	9.590	8.335	2745314	2439439	6.005	3.806 #
36)	L8 AR-1262-1	8.987	7.783	1912577	4978434	17.610	25.511 #
37)	L8 AR-1262-2	9.590	8.335	2745314	2439439	4.767	3.083 #
38)	L8 AR-1262-3	9.962	8.690	1640841	6090552	3.955	19.204 #
39)	L8 AR-1262-4	10.004	8.690	4119629	6090552	13.077	9.994
41)	L9 AR-1268-1	9.962	8.690	1640841	6090552	2.295	6.315 #
42)	L9 AR-1268-2	10.004	8.690	4119629	6090552	6.062	6.698
45)	L9 AR-1268-5	11.232	0.000	6044604	0	2.780	N.D. #

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Sample : K5322-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ESP09

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:46:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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
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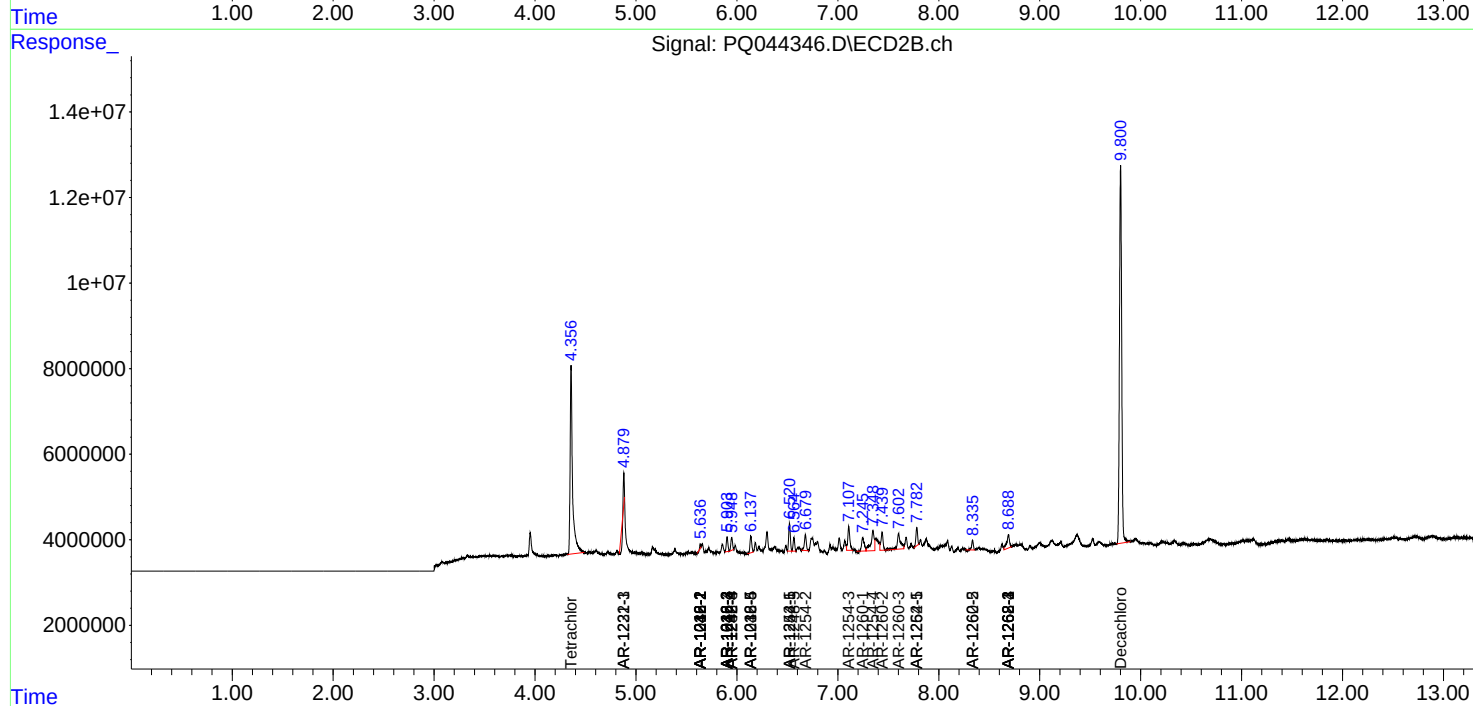
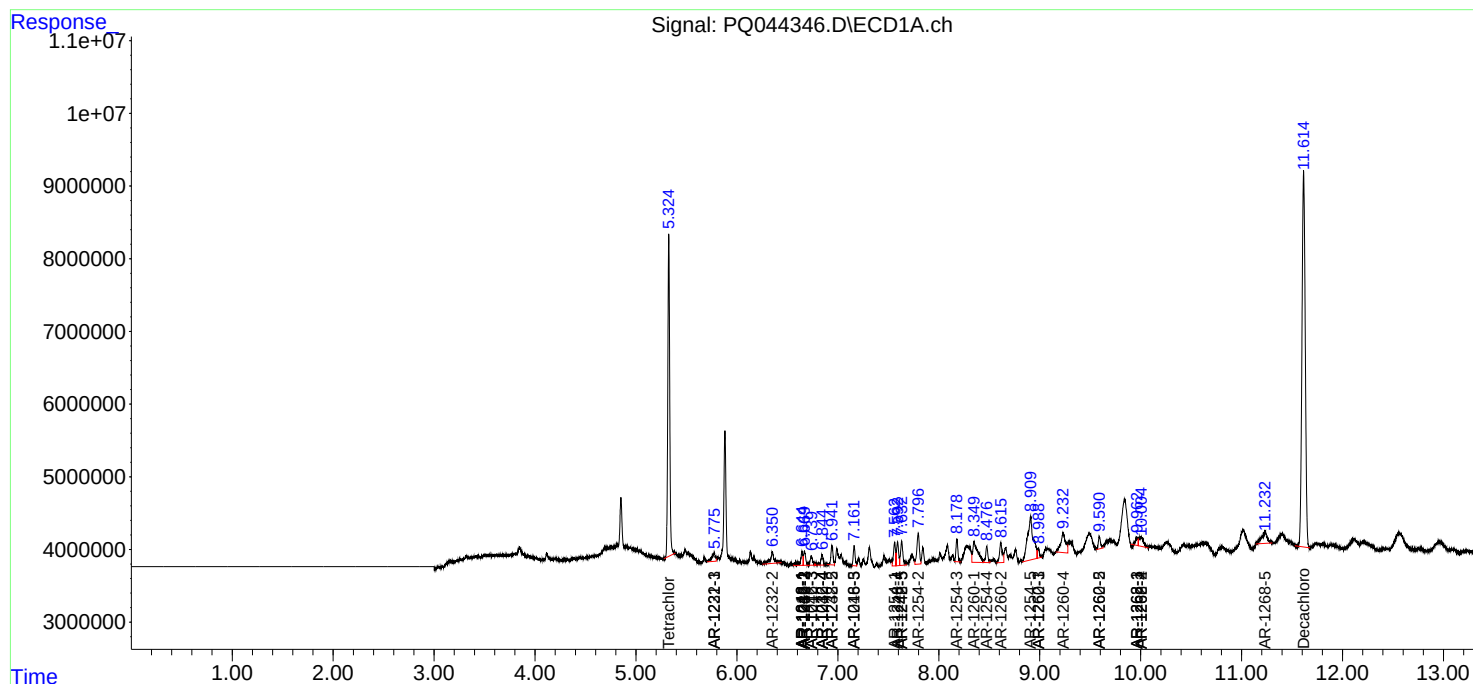
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

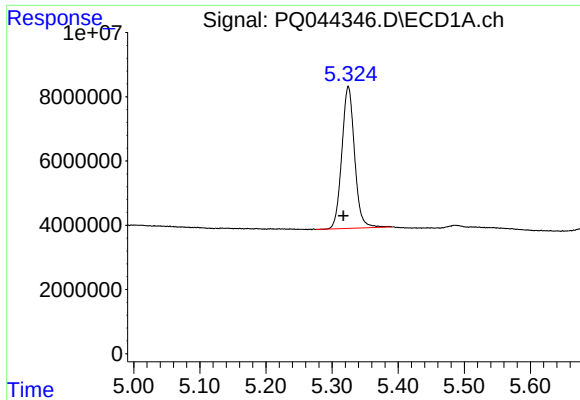
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101419\
Data File : PQ044346.D
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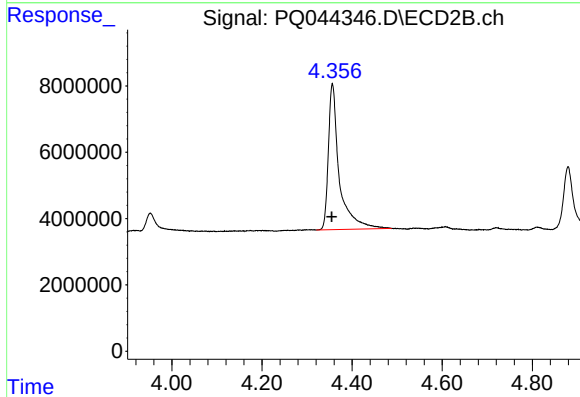




#1 Tetrachloro-m-xylene

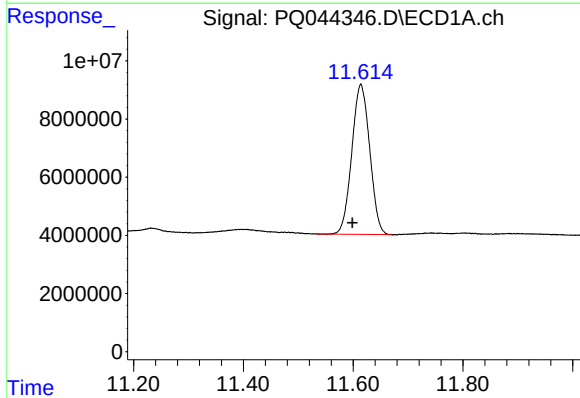
R.T.: 5.325 min
Delta R.T.: 0.008 min
Response: 59033097
Conc: 15.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



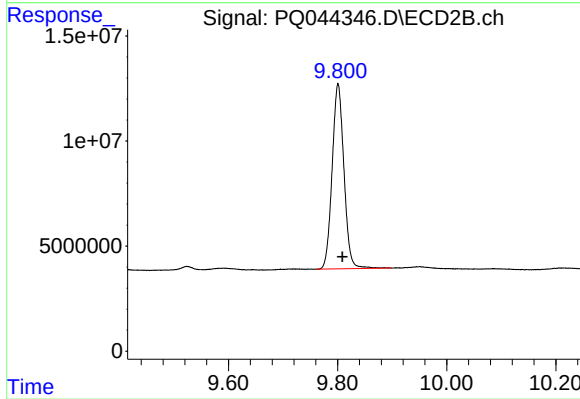
#1 Tetrachloro-m-xylene

R.T.: 4.356 min
Delta R.T.: 0.001 min
Response: 73975941
Conc: 16.57 ng/ml



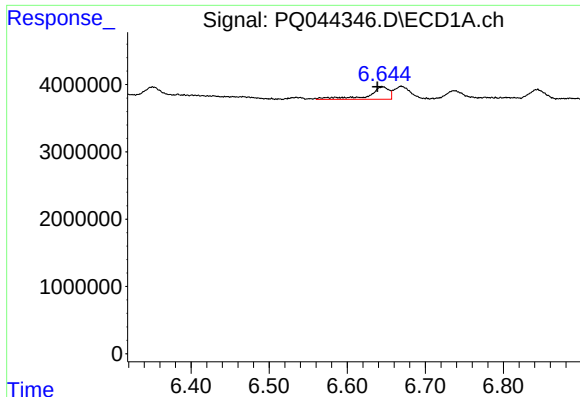
#2 Decachlorobiphenyl

R.T.: 11.614 min
Delta R.T.: 0.015 min
Response: 116869927
Conc: 21.81 ng/ml



#2 Decachlorobiphenyl

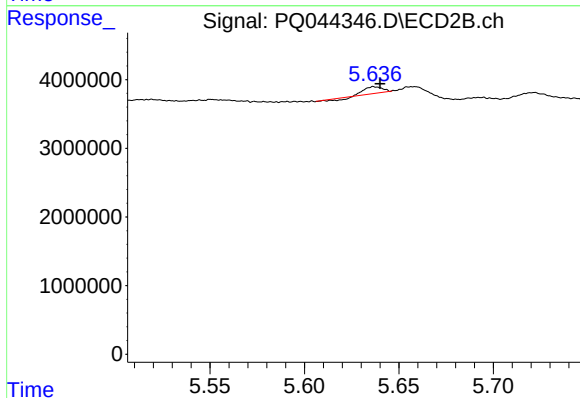
R.T.: 9.801 min
Delta R.T.: -0.008 min
Response: 132212307
Conc: 22.10 ng/ml



#3 AR-1016-1

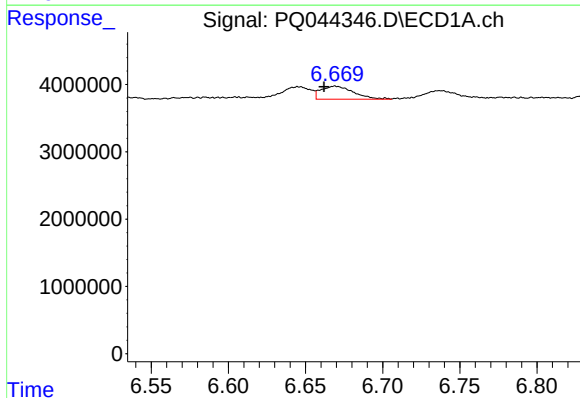
R.T.: 6.646 min
Delta R.T.: 0.007 min
Response: 3416788
Conc: 30.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



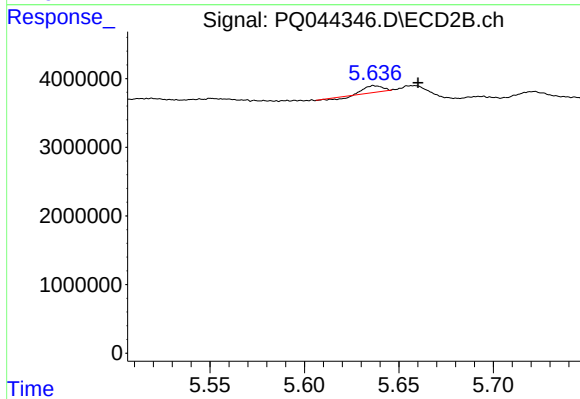
#3 AR-1016-1

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 468596
Conc: 3.42 ng/ml



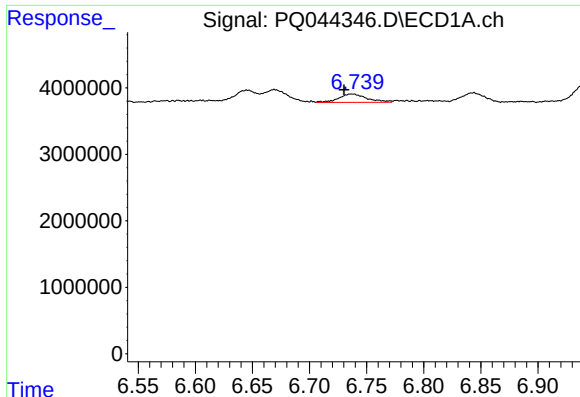
#4 AR-1016-2

R.T.: 6.669 min
Delta R.T.: 0.007 min
Response: 2843193
Conc: 17.62 ng/ml



#4 AR-1016-2

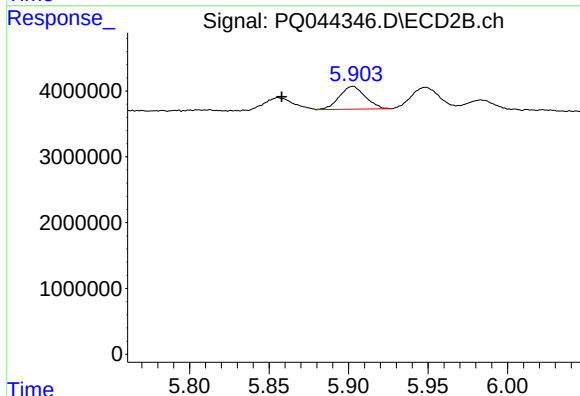
R.T.: 5.637 min
Delta R.T.: -0.023 min
Response: 468596
Conc: 2.12 ng/ml



#5 AR-1016-3

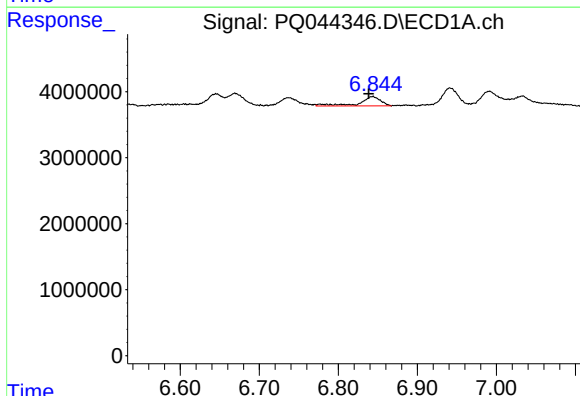
R.T.: 6.737 min
Delta R.T.: 0.007 min
Response: 2131203
Conc: 20.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



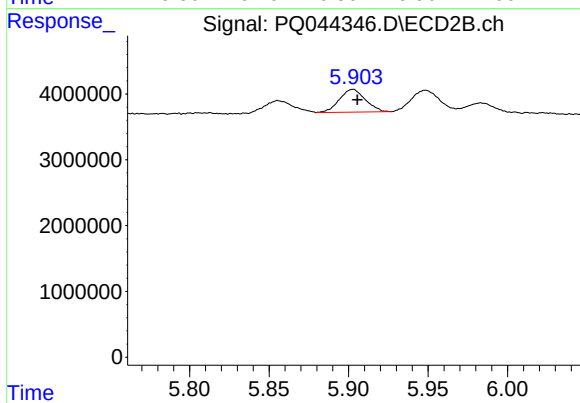
#5 AR-1016-3

R.T.: 5.903 min
Delta R.T.: 0.045 min
Response: 3900344
Conc: 37.38 ng/ml



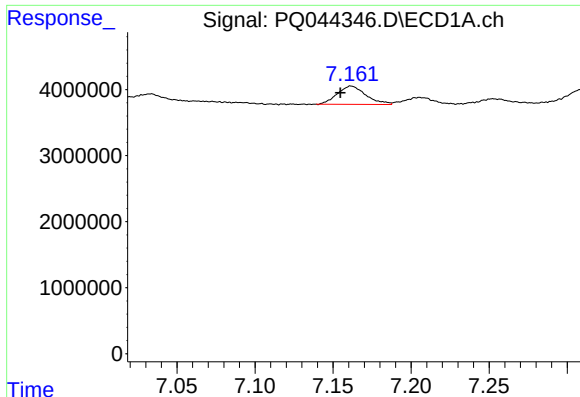
#6 AR-1016-4

R.T.: 6.843 min
Delta R.T.: 0.005 min
Response: 2603430
Conc: 31.51 ng/ml



#6 AR-1016-4

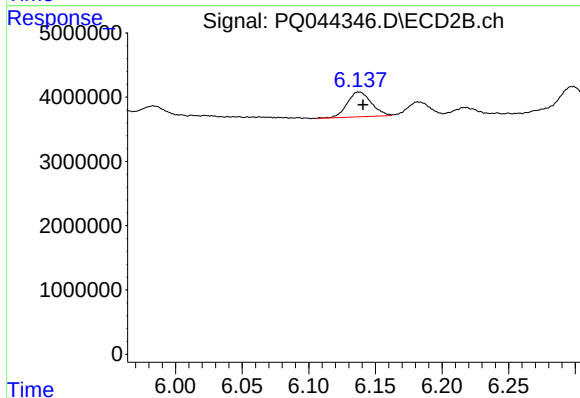
R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 3900344
Conc: 41.74 ng/ml



#7 AR-1016-5

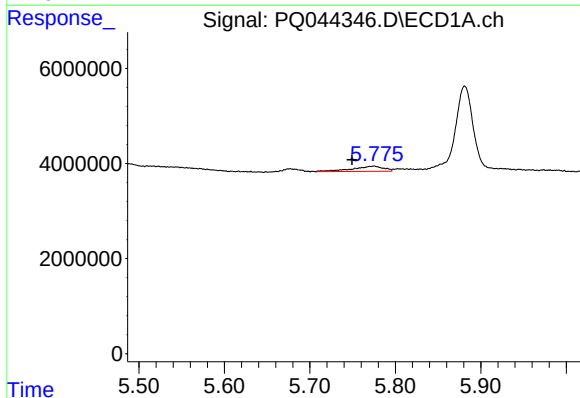
R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 3533212
Conc: 46.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



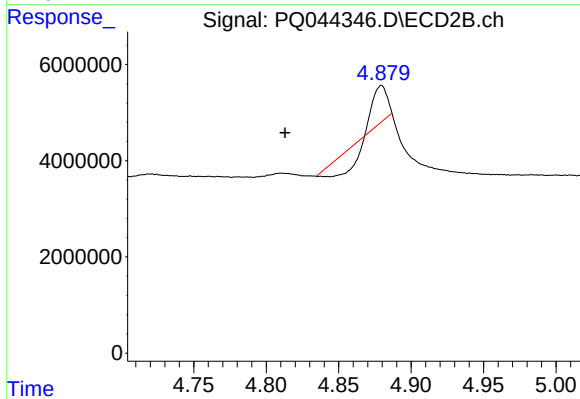
#7 AR-1016-5

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 4860194
Conc: 39.75 ng/ml



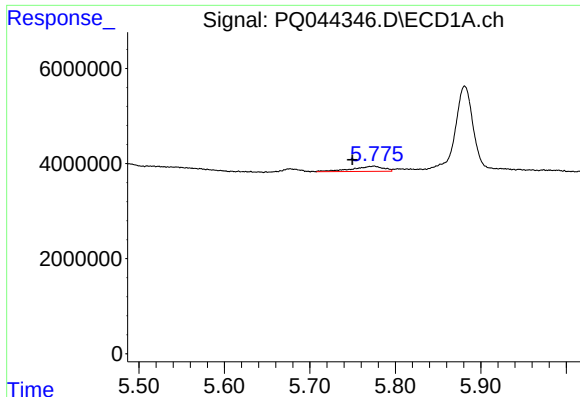
#10 AR-1221-3

R.T.: 5.775 min
Delta R.T.: 0.026 min
Response: 2771553
Conc: 28.49 ng/ml



#10 AR-1221-3

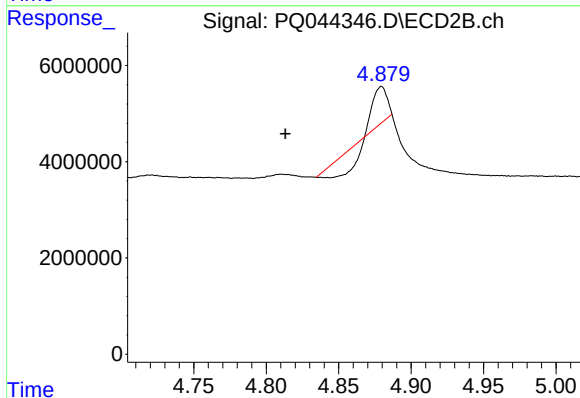
R.T.: 4.880 min
Delta R.T.: 0.067 min
Response: 167775
Conc: 1.60 ng/ml



#11 AR-1232-1

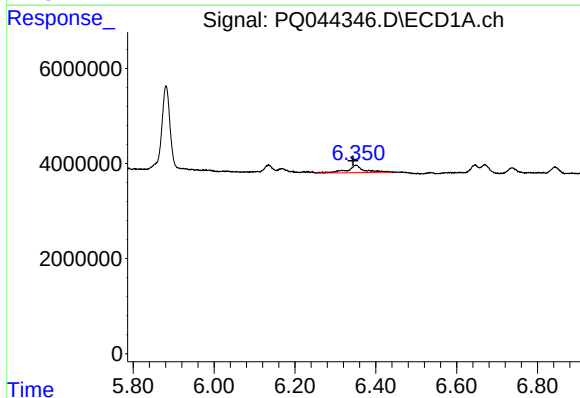
R.T.: 5.775 min
Delta R.T.: 0.025 min
Response: 2771553
Conc: 33.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



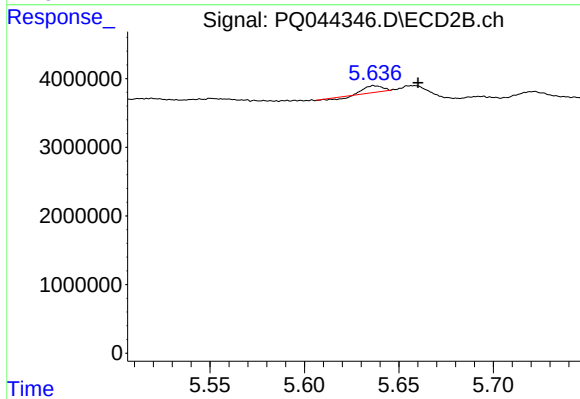
#11 AR-1232-1

R.T.: 4.880 min
Delta R.T.: 0.066 min
Response: 167775
Conc: 1.81 ng/ml



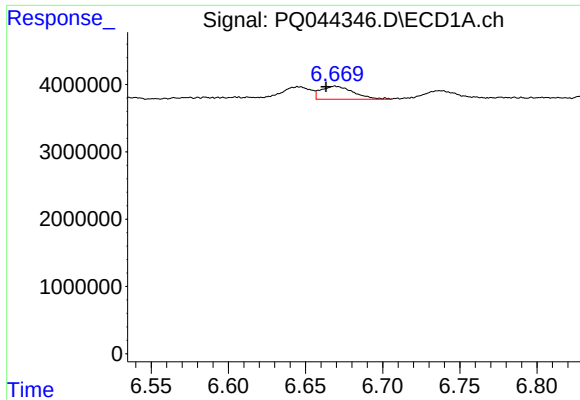
#12 AR-1232-2

R.T.: 6.351 min
Delta R.T.: 0.007 min
Response: 4576435
Conc: 117.81 ng/ml



#12 AR-1232-2

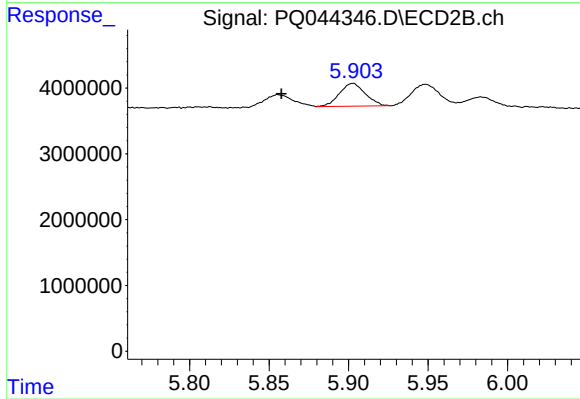
R.T.: 5.637 min
Delta R.T.: -0.023 min
Response: 468596
Conc: 4.44 ng/ml



#13 AR-1232-3

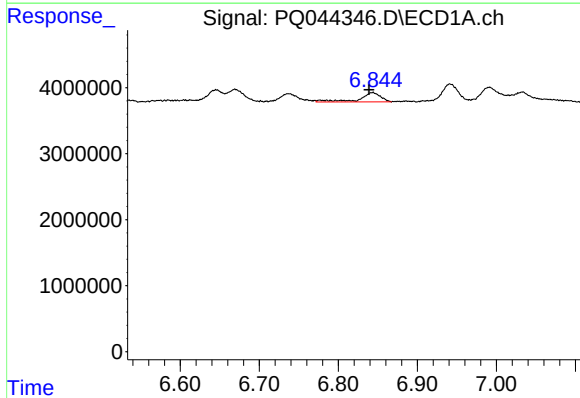
R.T.: 6.669 min
Delta R.T.: 0.006 min
Response: 2843193
Conc: 37.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



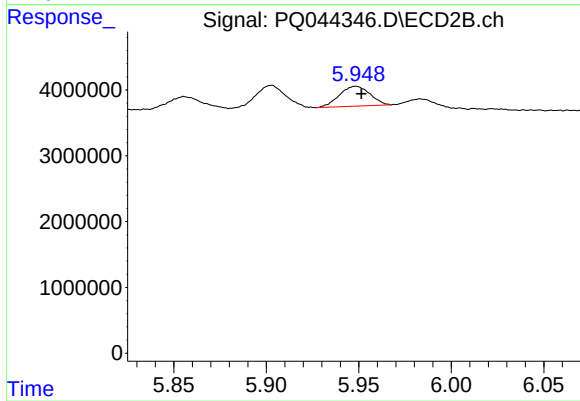
#13 AR-1232-3

R.T.: 5.903 min
Delta R.T.: 0.045 min
Response: 3900344
Conc: 78.93 ng/ml



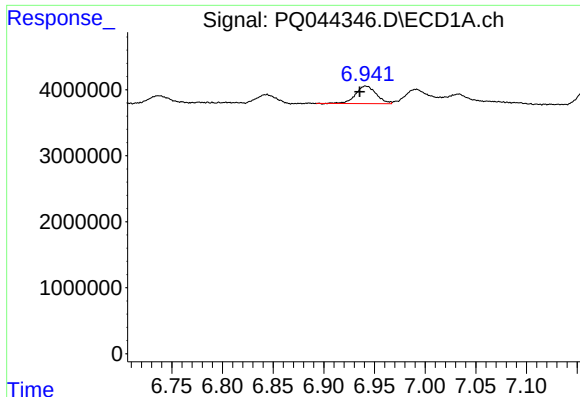
#14 AR-1232-4

R.T.: 6.843 min
Delta R.T.: 0.005 min
Response: 2603430
Conc: 68.64 ng/ml



#14 AR-1232-4

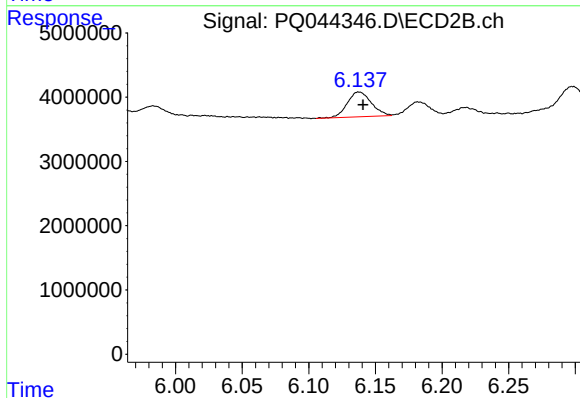
R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 3472462
Conc: 73.63 ng/ml



#15 AR-1232-5

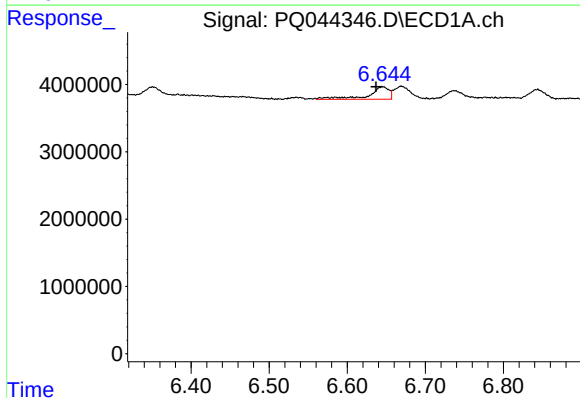
R.T.: 6.941 min
Delta R.T.: 0.006 min
Response: 3820654
Conc: 135.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



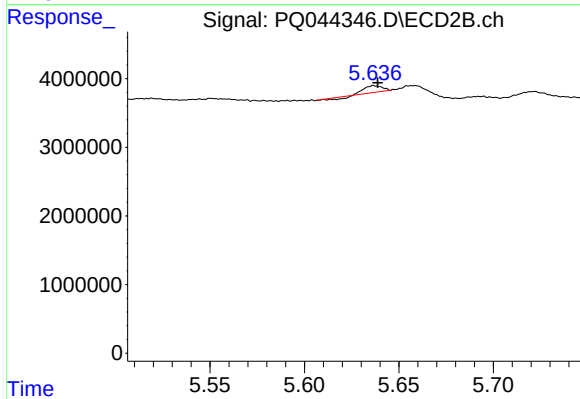
#15 AR-1232-5

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 4860194
Conc: 88.91 ng/ml



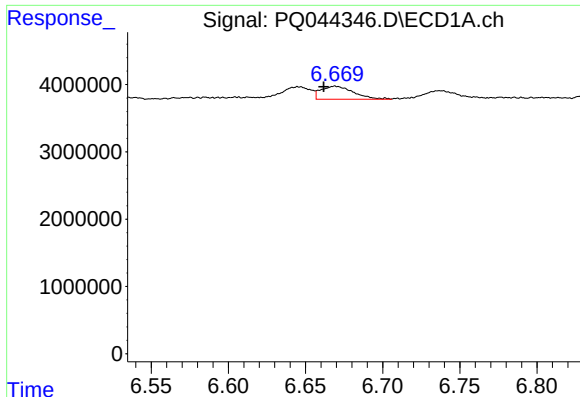
#16 AR-1242-1

R.T.: 6.646 min
Delta R.T.: 0.009 min
Response: 3416788
Conc: 35.00 ng/ml



#16 AR-1242-1

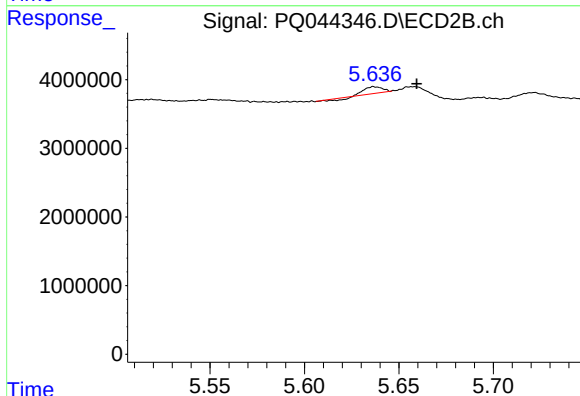
R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 468596
Conc: 3.95 ng/ml



#17 AR-1242-2

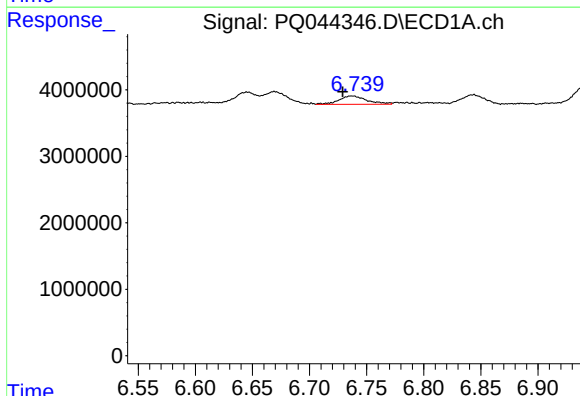
R.T.: 6.669 min
Delta R.T.: 0.008 min
Response: 2843193
Conc: 20.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



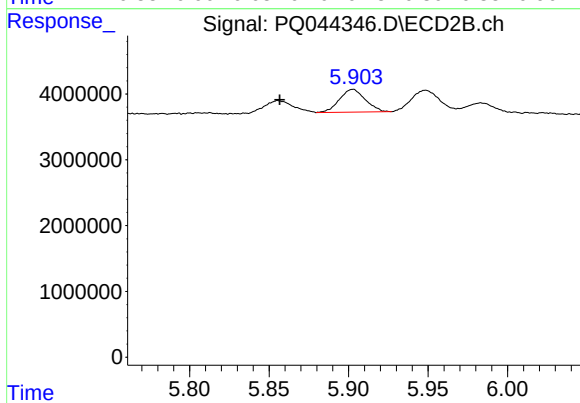
#17 AR-1242-2

R.T.: 5.637 min
Delta R.T.: -0.022 min
Response: 468596
Conc: 2.48 ng/ml



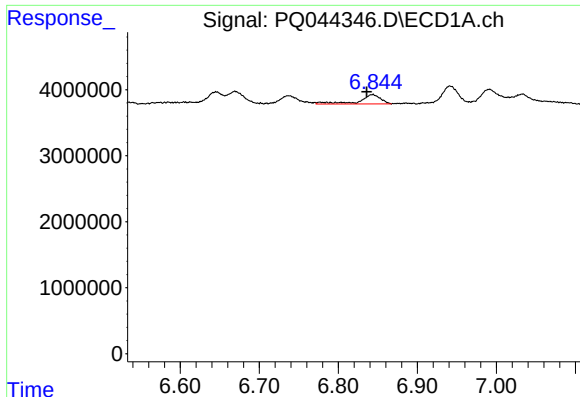
#18 AR-1242-3

R.T.: 6.737 min
Delta R.T.: 0.008 min
Response: 2131203
Conc: 23.98 ng/ml



#18 AR-1242-3

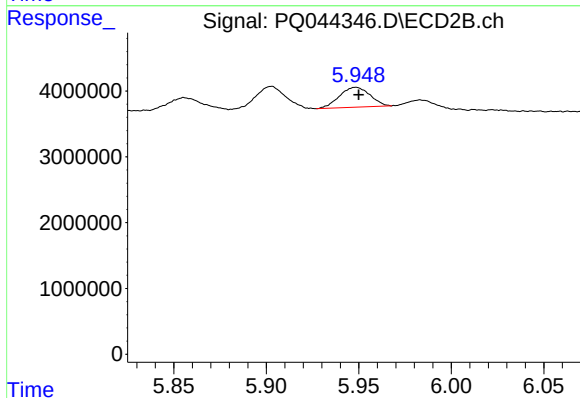
R.T.: 5.903 min
Delta R.T.: 0.046 min
Response: 3900344
Conc: 42.17 ng/ml



#19 AR-1242-4

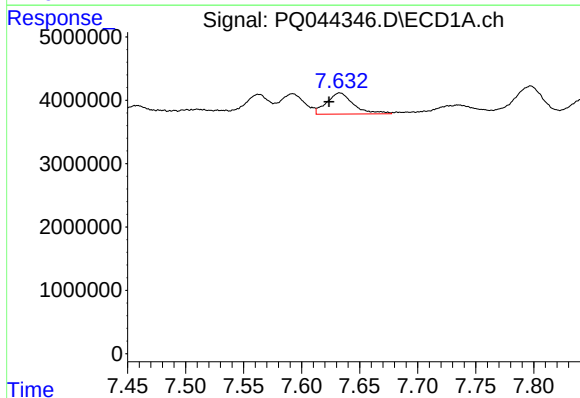
R.T.: 6.843 min
Delta R.T.: 0.007 min
Response: 2603430
Conc: 36.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



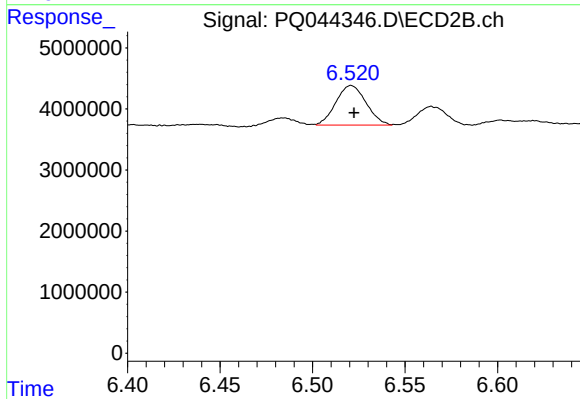
#19 AR-1242-4

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 3472462
Conc: 35.33 ng/ml



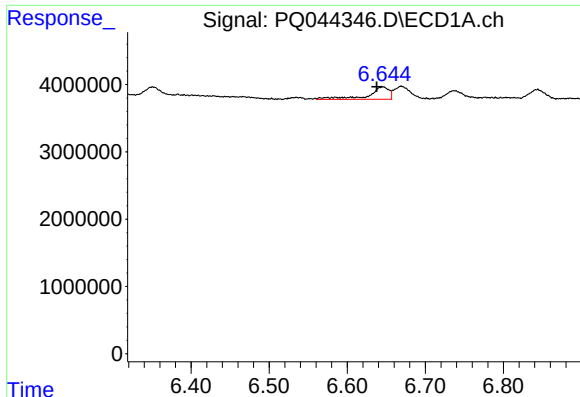
#20 AR-1242-5

R.T.: 7.633 min
Delta R.T.: 0.009 min
Response: 5402861
Conc: 71.07 ng/ml



#20 AR-1242-5

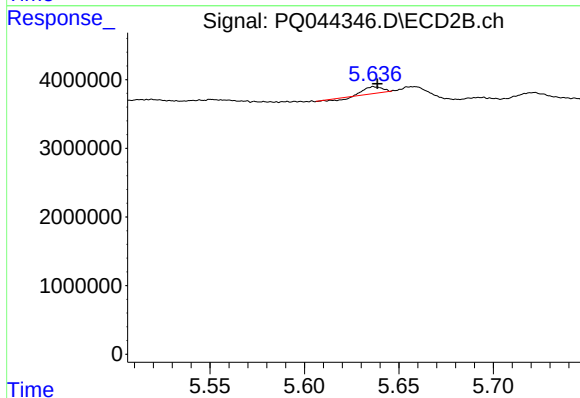
R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 7370953
Conc: 57.85 ng/ml



#21 AR-1248-1

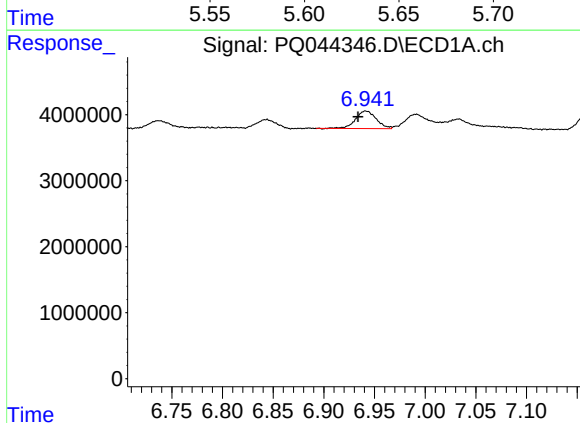
R.T.: 6.646 min
Delta R.T.: 0.008 min
Response: 3416788
Conc: 46.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



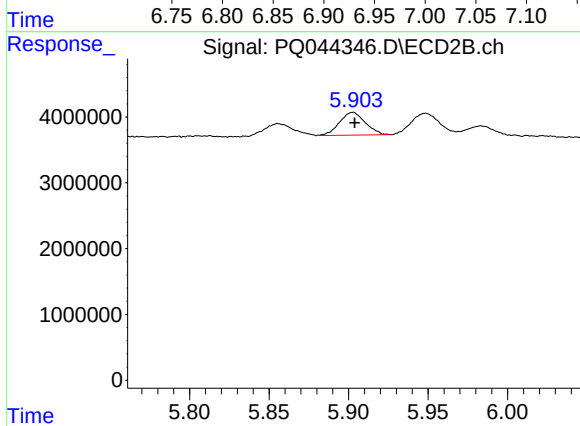
#21 AR-1248-1

R.T.: 5.637 min
Delta R.T.: -0.001 min
Response: 468596
Conc: 5.17 ng/ml



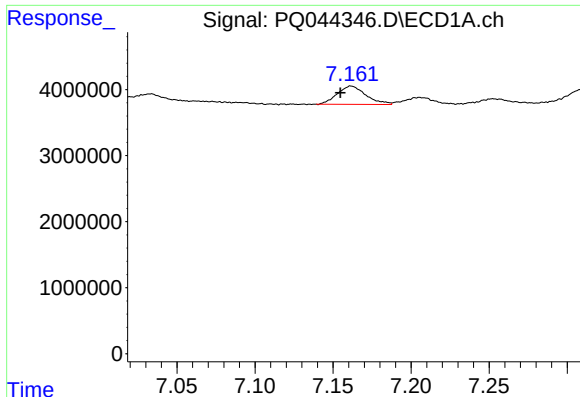
#22 AR-1248-2

R.T.: 6.941 min
Delta R.T.: 0.008 min
Response: 3820654
Conc: 38.57 ng/ml



#22 AR-1248-2

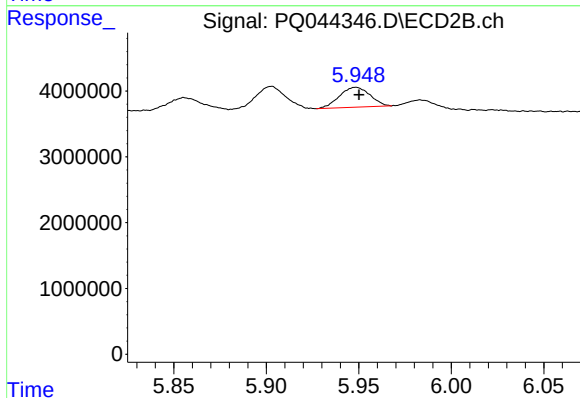
R.T.: 5.903 min
Delta R.T.: -0.001 min
Response: 3900344
Conc: 28.14 ng/ml



#23 AR-1248-3

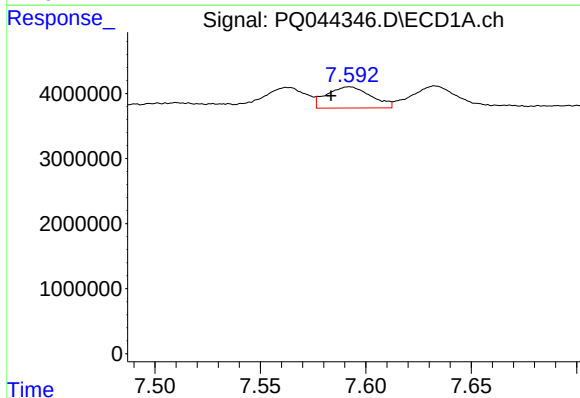
R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 3533212
Conc: 32.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



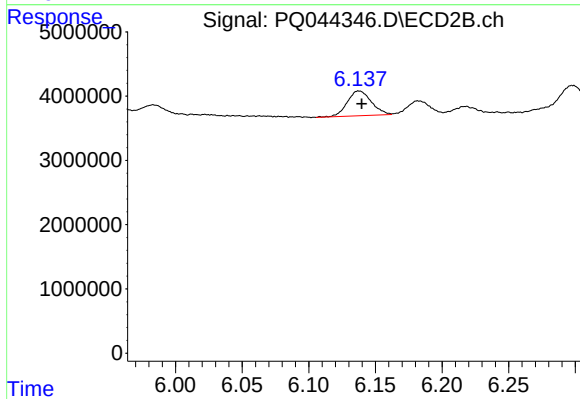
#23 AR-1248-3

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 3472462
Conc: 24.55 ng/ml



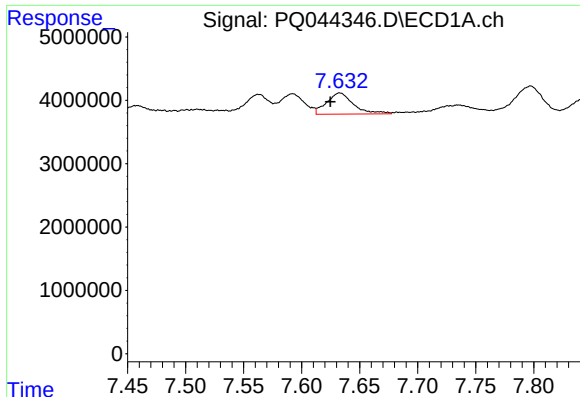
#24 AR-1248-4

R.T.: 7.592 min
Delta R.T.: 0.009 min
Response: 4754430
Conc: 37.76 ng/ml



#24 AR-1248-4

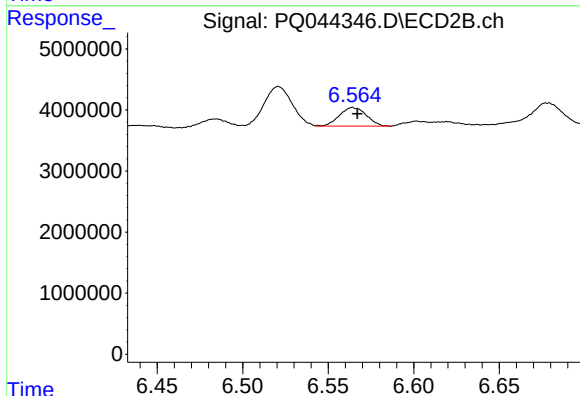
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 4860194
Conc: 28.30 ng/ml



#25 AR-1248-5

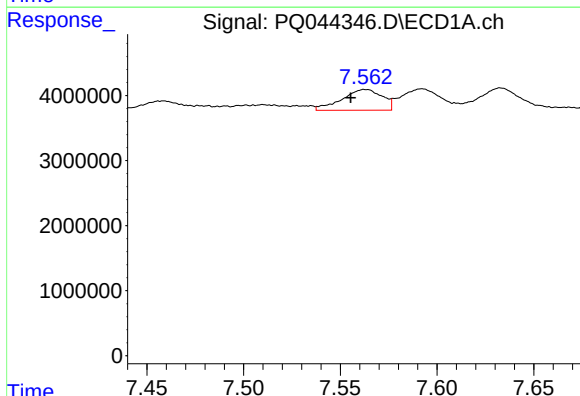
R.T.: 7.633 min
Delta R.T.: 0.008 min
Response: 5402861
Conc: 44.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



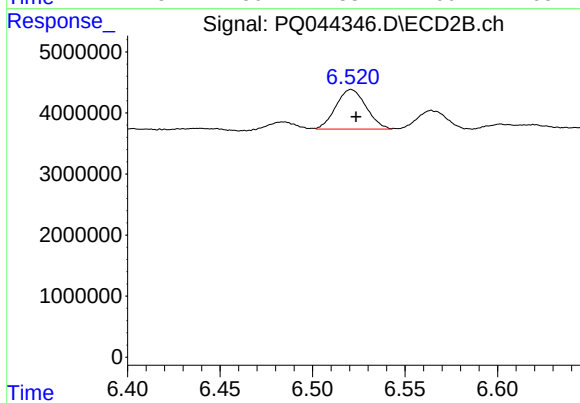
#25 AR-1248-5

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 3366982
Conc: 20.11 ng/ml



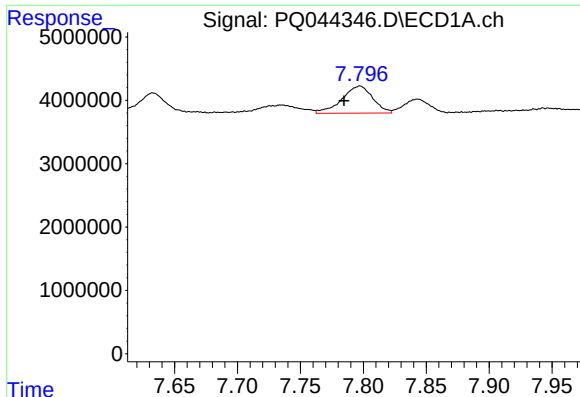
#26 AR-1254-1

R.T.: 7.563 min
Delta R.T.: 0.008 min
Response: 4635486
Conc: 34.45 ng/ml



#26 AR-1254-1

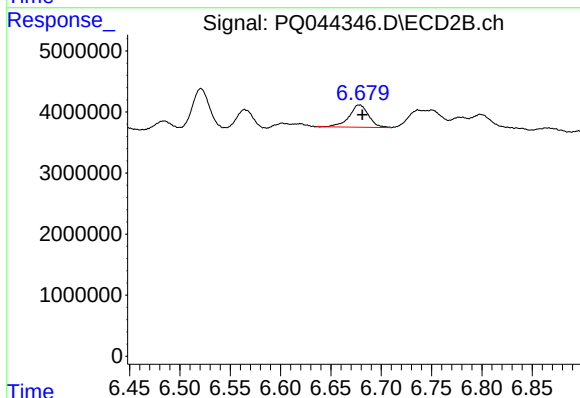
R.T.: 6.521 min
Delta R.T.: -0.003 min
Response: 7370953
Conc: 25.27 ng/ml



#27 AR-1254-2

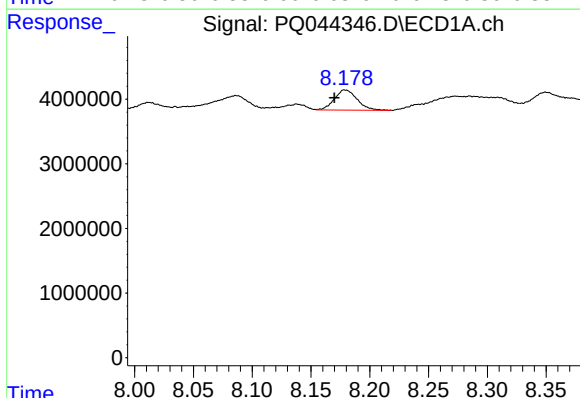
R.T.: 7.797 min
Delta R.T.: 0.013 min
Response: 7275653
Conc: 34.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



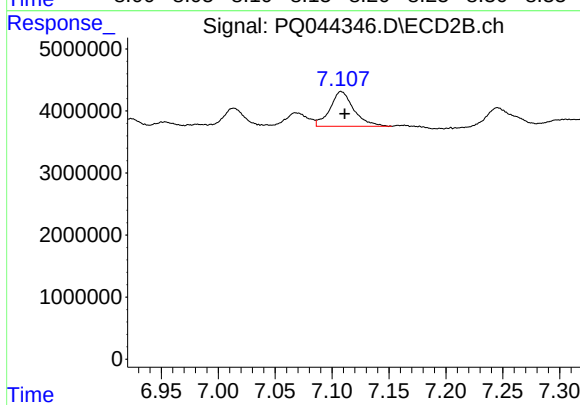
#27 AR-1254-2

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 4936850
Conc: 18.91 ng/ml



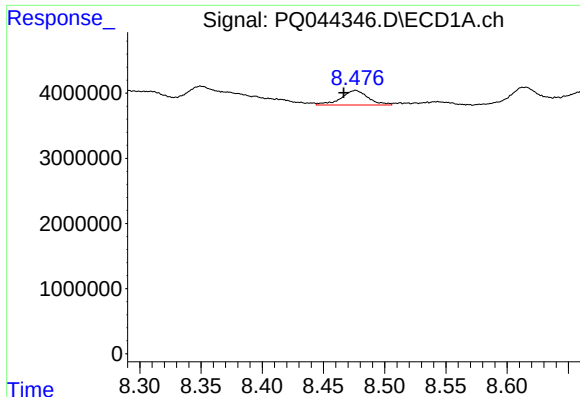
#28 AR-1254-3

R.T.: 8.179 min
Delta R.T.: 0.009 min
Response: 4223075
Conc: 17.16 ng/ml



#28 AR-1254-3

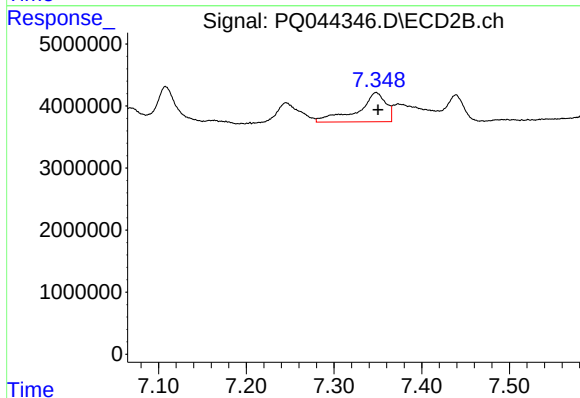
R.T.: 7.108 min
Delta R.T.: -0.003 min
Response: 8194315
Conc: 18.76 ng/ml



#29 AR-1254-4

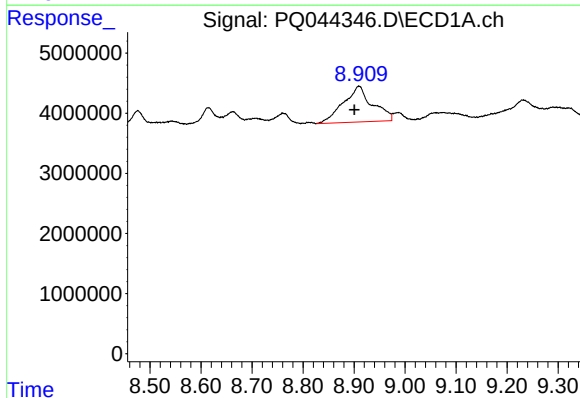
R.T.: 8.476 min
Delta R.T.: 0.010 min
Response: 3439467
Conc: 17.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



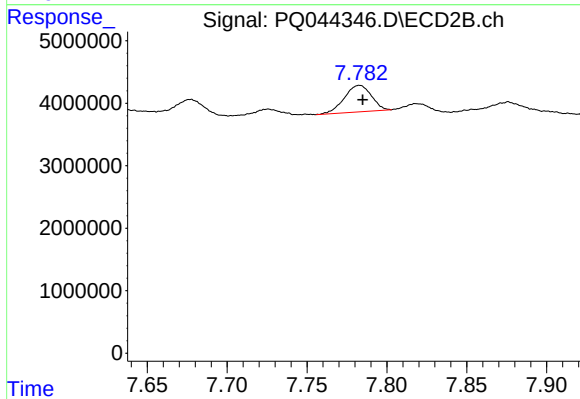
#29 AR-1254-4

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 10589972
Conc: 39.42 ng/ml



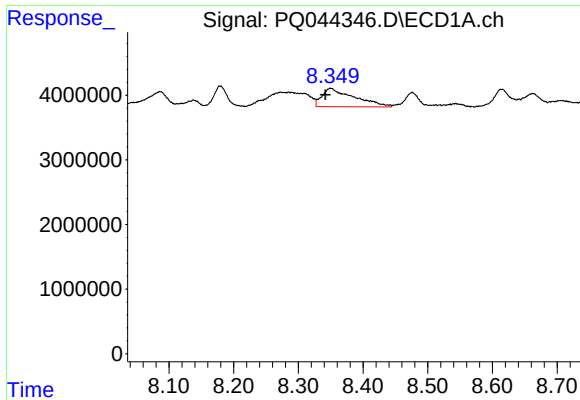
#30 AR-1254-5

R.T.: 8.909 min
Delta R.T.: 0.009 min
Response: 23511879
Conc: 98.23 ng/ml



#30 AR-1254-5

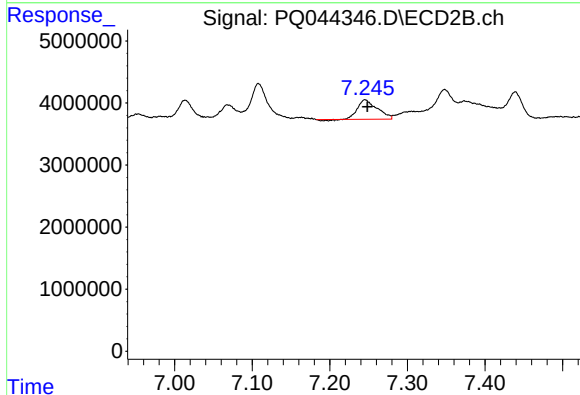
R.T.: 7.783 min
Delta R.T.: -0.002 min
Response: 4978434
Conc: 12.45 ng/ml



#31 AR-1260-1

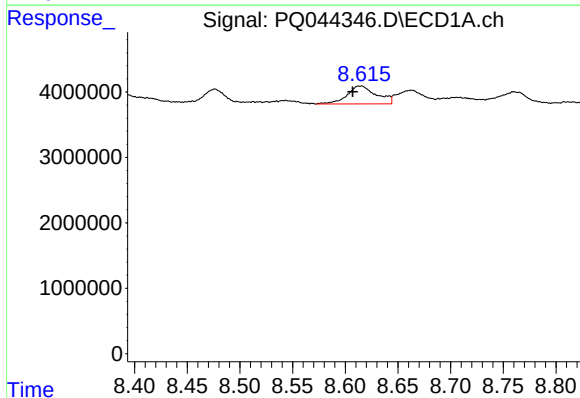
R.T.: 8.350 min
Delta R.T.: 0.009 min
Response: 9823697
Conc: 65.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



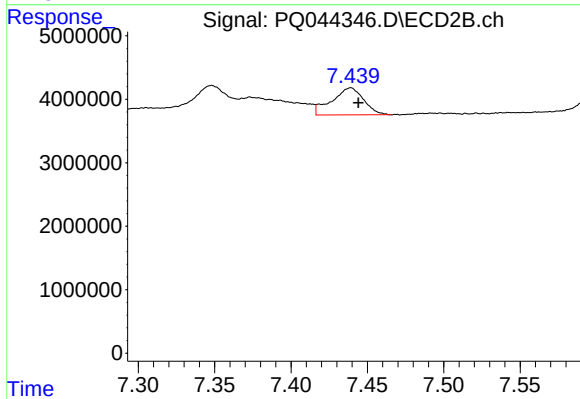
#31 AR-1260-1

R.T.: 7.245 min
Delta R.T.: -0.003 min
Response: 5471650
Conc: 22.50 ng/ml



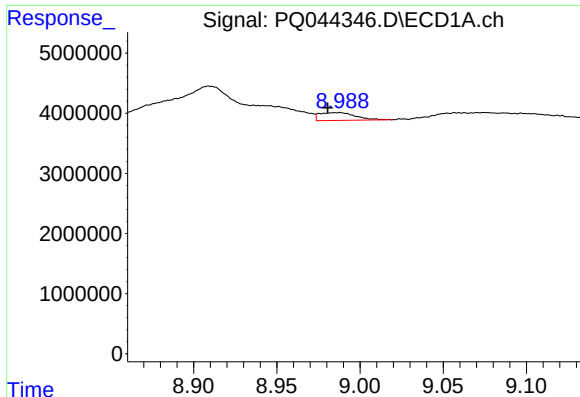
#32 AR-1260-2

R.T.: 8.615 min
Delta R.T.: 0.008 min
Response: 5278932
Conc: 26.82 ng/ml



#32 AR-1260-2

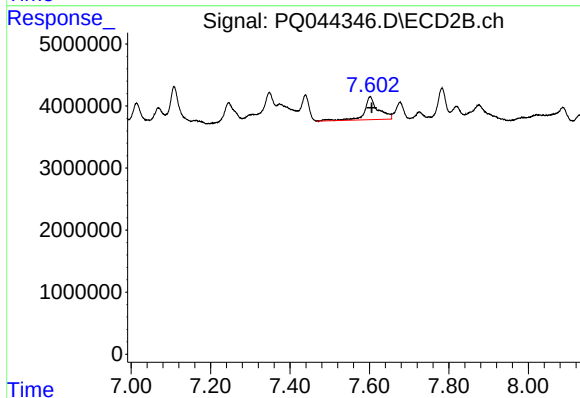
R.T.: 7.439 min
Delta R.T.: -0.005 min
Response: 6192312
Conc: 20.51 ng/ml



#33 AR-1260-3

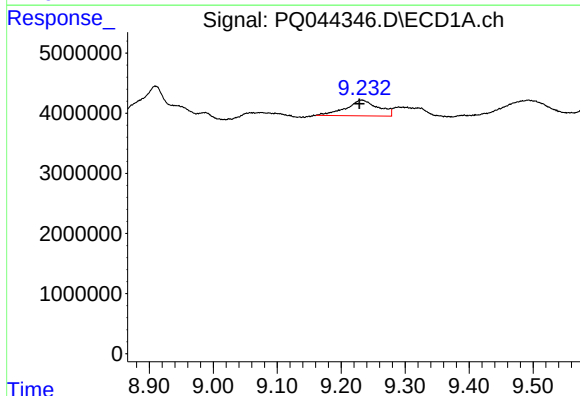
R.T.: 8.987 min
Delta R.T.: 0.006 min
Response: 1912577
Conc: 11.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



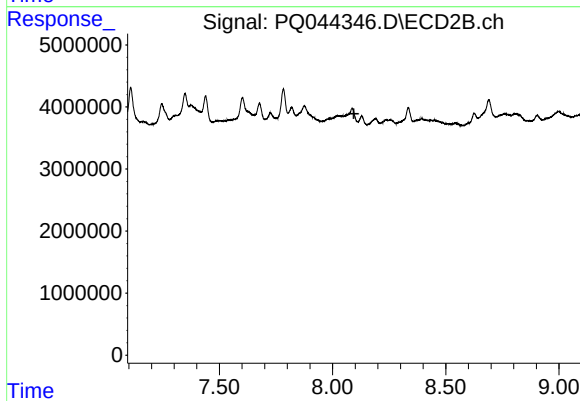
#33 AR-1260-3

R.T.: 7.602 min
Delta R.T.: -0.004 min
Response: 8953458
Conc: 31.82 ng/ml



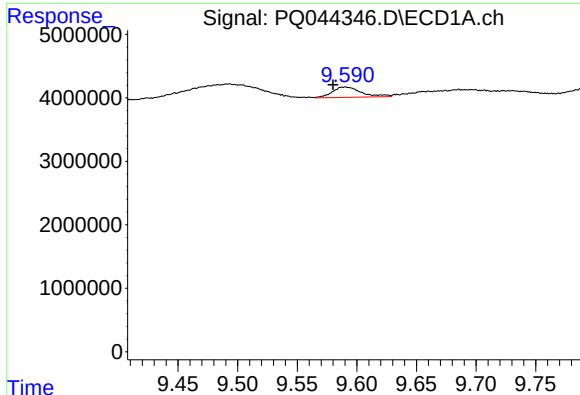
#34 AR-1260-4

R.T.: 9.231 min
Delta R.T.: 0.003 min
Response: 9199943
Conc: 47.12 ng/ml



#34 AR-1260-4

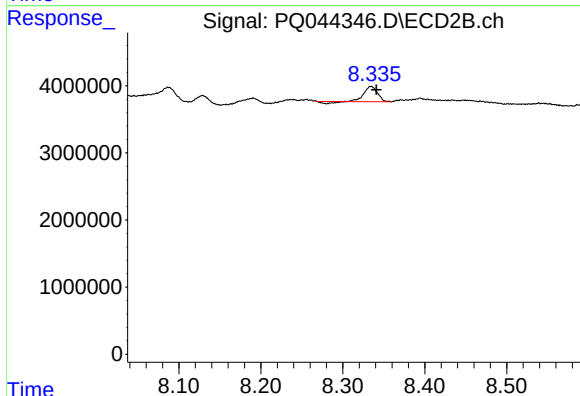
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.



#35 AR-1260-5

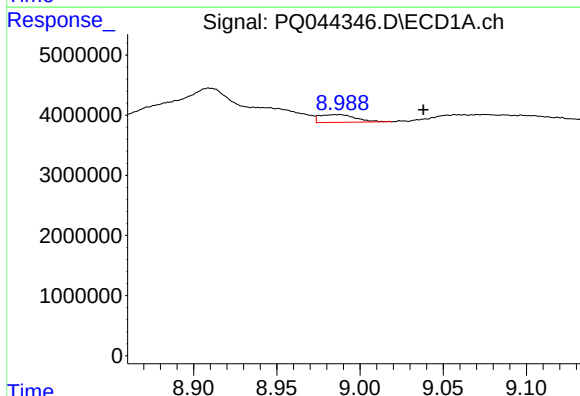
R.T.: 9.590 min
Delta R.T.: 0.010 min
Response: 2745314
Conc: 6.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



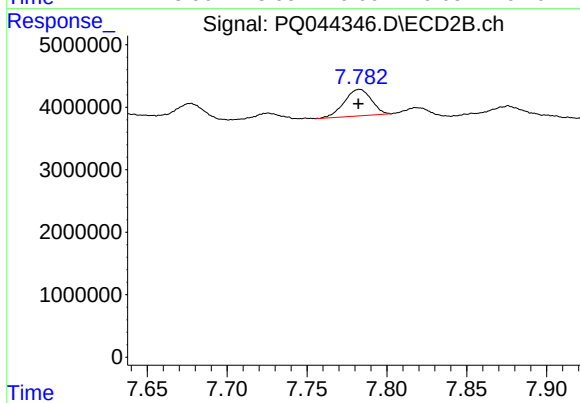
#35 AR-1260-5

R.T.: 8.335 min
Delta R.T.: -0.006 min
Response: 2439439
Conc: 3.81 ng/ml



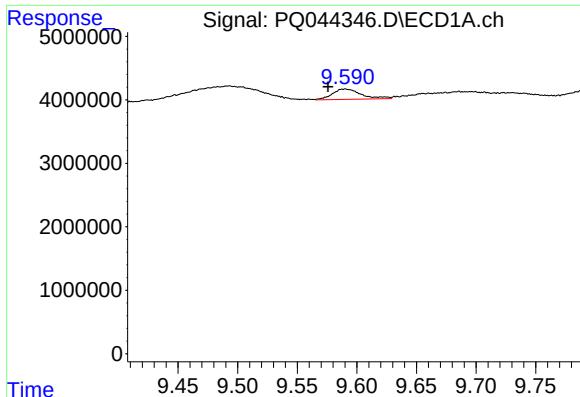
#36 AR-1262-1

R.T.: 8.987 min
Delta R.T.: -0.051 min
Response: 1912577
Conc: 17.61 ng/ml



#36 AR-1262-1

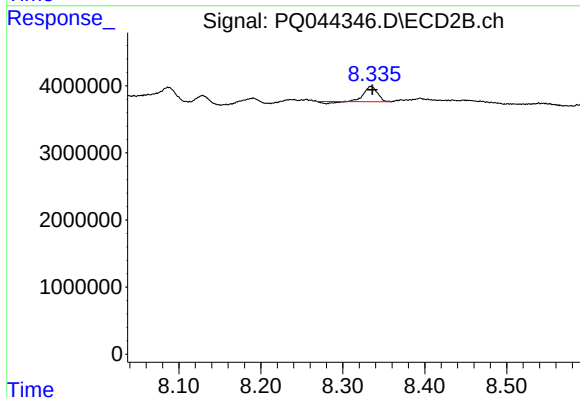
R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 4978434
Conc: 25.51 ng/ml



#37 AR-1262-2

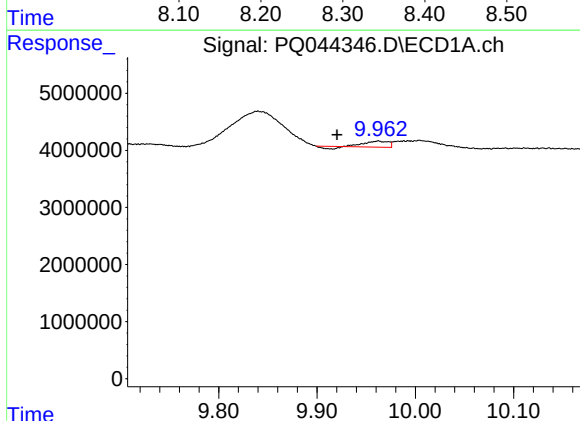
R.T.: 9.590 min
Delta R.T.: 0.014 min
Response: 2745314
Conc: 4.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



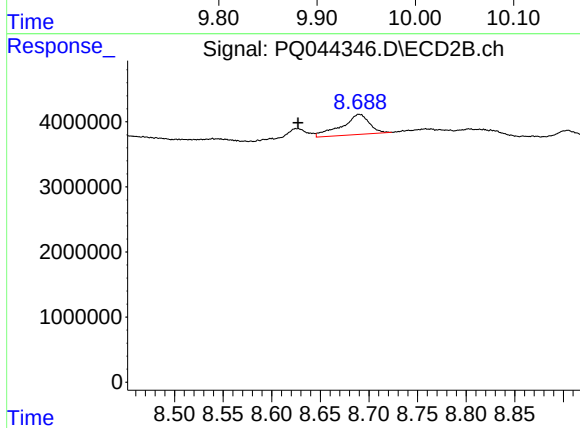
#37 AR-1262-2

R.T.: 8.335 min
Delta R.T.: -0.002 min
Response: 2439439
Conc: 3.08 ng/ml



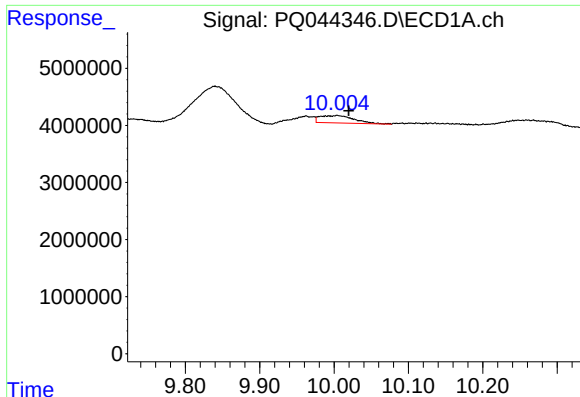
#38 AR-1262-3

R.T.: 9.962 min
Delta R.T.: 0.042 min
Response: 1640841
Conc: 3.96 ng/ml



#38 AR-1262-3

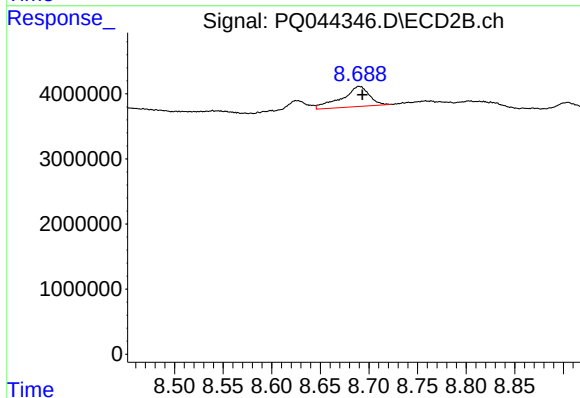
R.T.: 8.690 min
Delta R.T.: 0.063 min
Response: 6090552
Conc: 19.20 ng/ml



#39 AR-1262-4

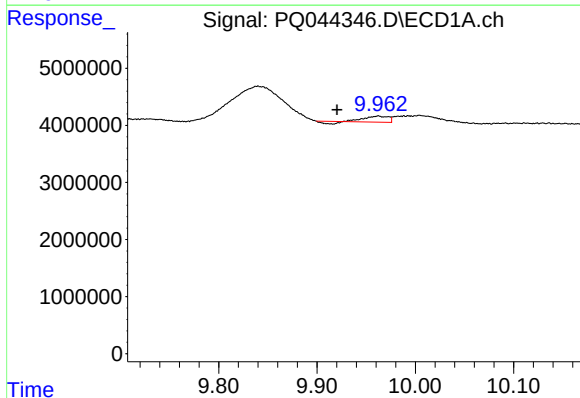
R.T.: 10.004 min
Delta R.T.: -0.015 min
Response: 4119629
Conc: 13.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



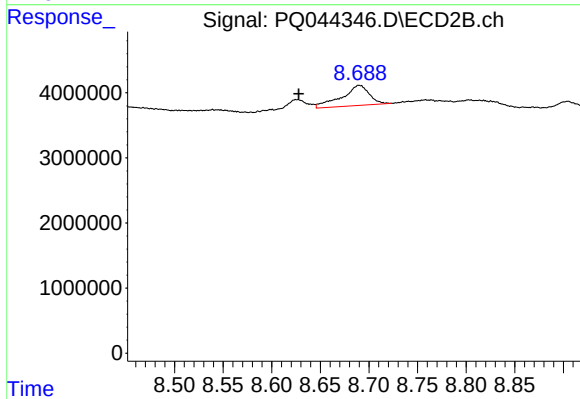
#39 AR-1262-4

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 6090552
Conc: 9.99 ng/ml



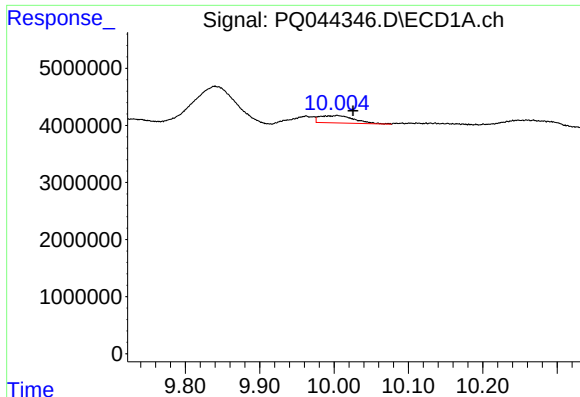
#41 AR-1268-1

R.T.: 9.962 min
Delta R.T.: 0.042 min
Response: 1640841
Conc: 2.29 ng/ml



#41 AR-1268-1

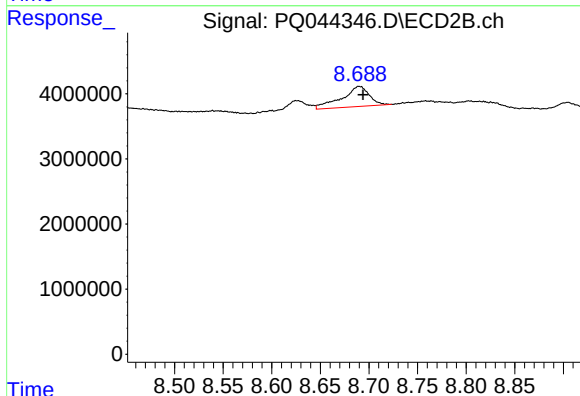
R.T.: 8.690 min
Delta R.T.: 0.062 min
Response: 6090552
Conc: 6.31 ng/ml



#42 AR-1268-2

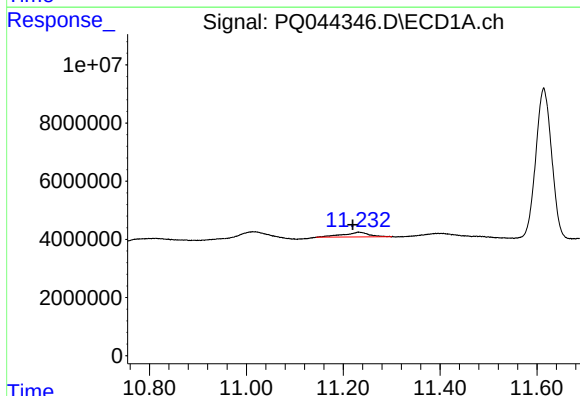
R.T.: 10.004 min
Delta R.T.: -0.021 min
Response: 4119629
Conc: 6.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP09



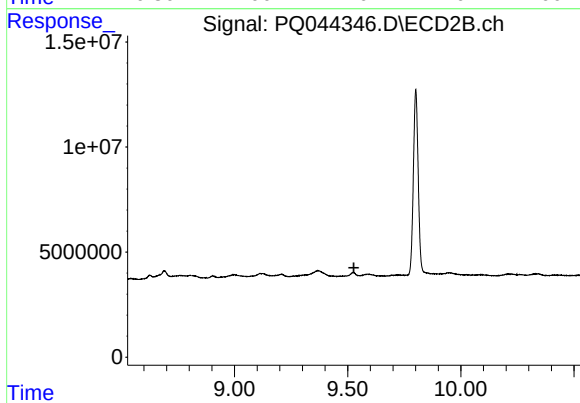
#42 AR-1268-2

R.T.: 8.690 min
Delta R.T.: -0.004 min
Response: 6090552
Conc: 6.70 ng/ml



#45 AR-1268-5

R.T.: 11.232 min
Delta R.T.: 0.012 min
Response: 6044604
Conc: 2.78 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.527 min
Response: 0
Conc: N.D.