

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101419\
 Data File : PQ044364.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2019 23:55
 Operator : HP\AJ
 Sample : K5322-19
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ESP30

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:52:37 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...	5.324	4.355	123.5E6	136.6E6	31.779	30.598
2)	SA Decachlor...	11.608	9.795	375.4E6	459.7E6	70.061	76.859
Target Compounds							
3)	L1 AR-1016-1	6.671	0.000	5734712	0	50.532	N.D. #
4)	L1 AR-1016-2	6.671	5.721	5734712	10137005	35.546	45.780 #
5)	L1 AR-1016-3	6.755	5.799	1065168	4890844	10.465	46.867 #
6)	L1 AR-1016-4	0.000	5.968	0	13657975	N.D.	146.146 #
7)	L1 AR-1016-5	7.157	6.072	9994973	14703445	132.146	120.244
12)	L3 AR-1232-2	6.357	5.721	26768506	10137005	689.111	96.113 #
13)	L3 AR-1232-3	6.671	5.799	5734712	4890844	74.752	98.969 #
14)	L3 AR-1232-4	0.000	5.968	0	13657975	N.D.	289.600 #
15)	L3 AR-1232-5	6.949	6.072	6392771	14703445	226.731	268.981
16)	L4 AR-1242-1	6.671	0.000	5734712	0	58.740	N.D. #
17)	L4 AR-1242-2	6.671	5.721	5734712	10137005	41.229	53.733 #
18)	L4 AR-1242-3	6.755	5.799	1065168	4890844	11.985	52.881 #
19)	L4 AR-1242-4	0.000	5.968	0	13657975	N.D.	138.958 #
20)	L4 AR-1242-5	7.600	6.527	11132608	20966140	146.434	164.537
21)	L5 AR-1248-1	6.671	0.000	5734712	0	78.154	N.D. #
22)	L5 AR-1248-2	6.949	5.968	6392771	13657975	64.534	98.539 #
23)	L5 AR-1248-3	7.157	5.968	9994973	13657975	92.547	96.574
24)	L5 AR-1248-4	7.600	6.072	11132608	14703445	88.423	85.602
25)	L5 AR-1248-5	7.600	6.574	11132608	27588960	91.946	164.789 #
26)	L6 AR-1254-1	7.558	6.527	18785899	20966140	139.612	71.884 #
27)	L6 AR-1254-2	7.808	6.680	48109142	22582794	225.203	86.491 #
28)	L6 AR-1254-3	8.201	7.102	74619689	24755537	303.273	56.661 #
29)	L6 AR-1254-4	8.468	7.344	31560765	51110816	157.364	190.268
30)	L6 AR-1254-5	8.907	7.781	16487320	28952861	68.885	72.407
31)	L7 AR-1260-1	8.348	7.249	27378431	20585121	181.876	84.663 #
32)	L7 AR-1260-2	8.608	7.437	15072628	53647087	76.584	177.725 #
33)	L7 AR-1260-3	8.985	7.601	6903866	22914649	43.060	81.425 #
34)	L7 AR-1260-4	9.231	8.087	23603670	3602721	120.887	14.321 #
35)	L7 AR-1260-5	9.586	8.311	23416760	57568796	51.220	89.821 #
36)	L8 AR-1262-1	9.048	7.781	2599556	28952861	23.935	148.364 #
37)	L8 AR-1262-2	9.586	8.311	23416760	57568796	40.663	72.762 #
38)	L8 AR-1262-3	9.946	0.000	8292034	0	19.987	N.D. #
39)	L8 AR-1262-4	10.037	8.713	9814227	12622951	31.154	20.712 #
40)	L8 AR-1262-5	10.814	9.203	-174187	14902188	N.D.	53.147 #
41)	L9 AR-1268-1	9.946	0.000	8292034	0	11.596	N.D. #
42)	L9 AR-1268-2	10.037	8.713	9814227	12622951	14.442	13.881
43)	L9 AR-1268-3	10.284	8.900	8851028	32952508	15.420	43.502 #
44)	L9 AR-1268-4	10.814	9.203	-174187	14902188	N.D.	45.574 #
45)	L9 AR-1268-5	11.227	9.519	6950828	12800356	3.197	4.914 #

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:52:37 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

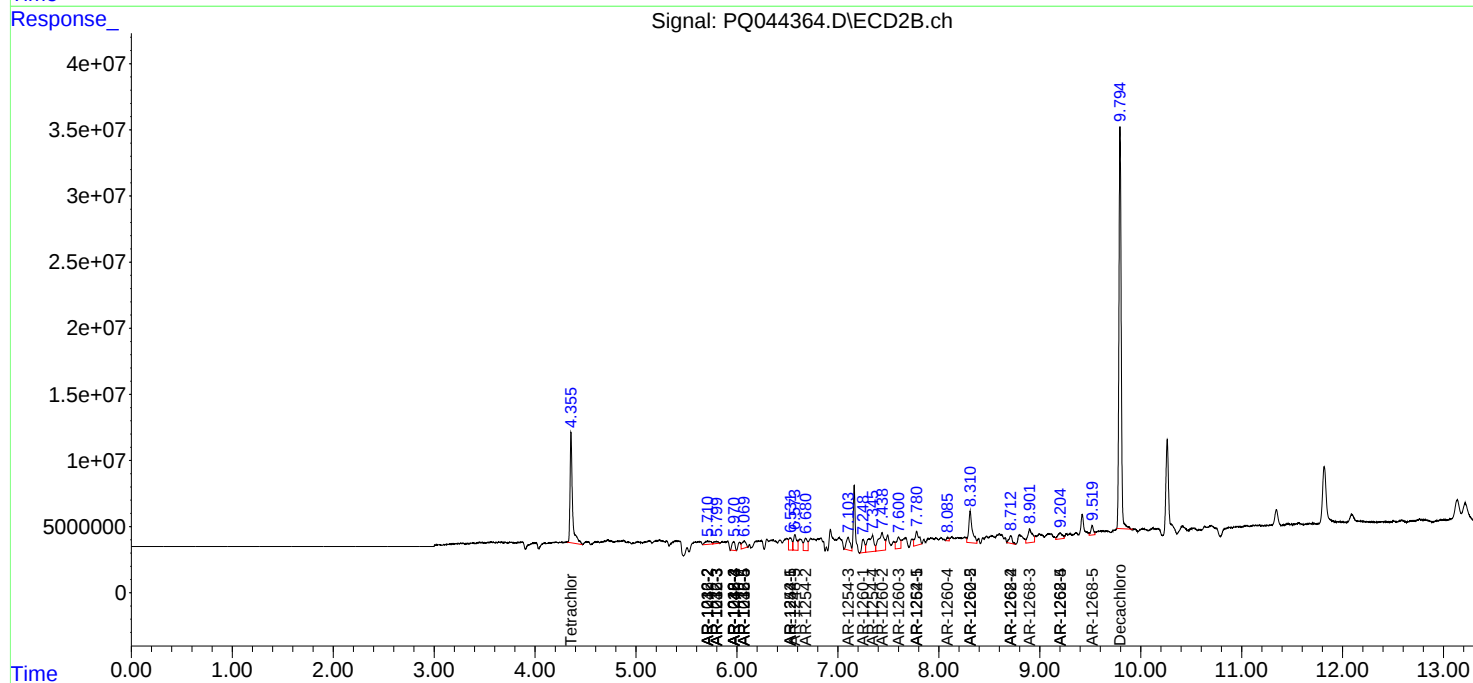
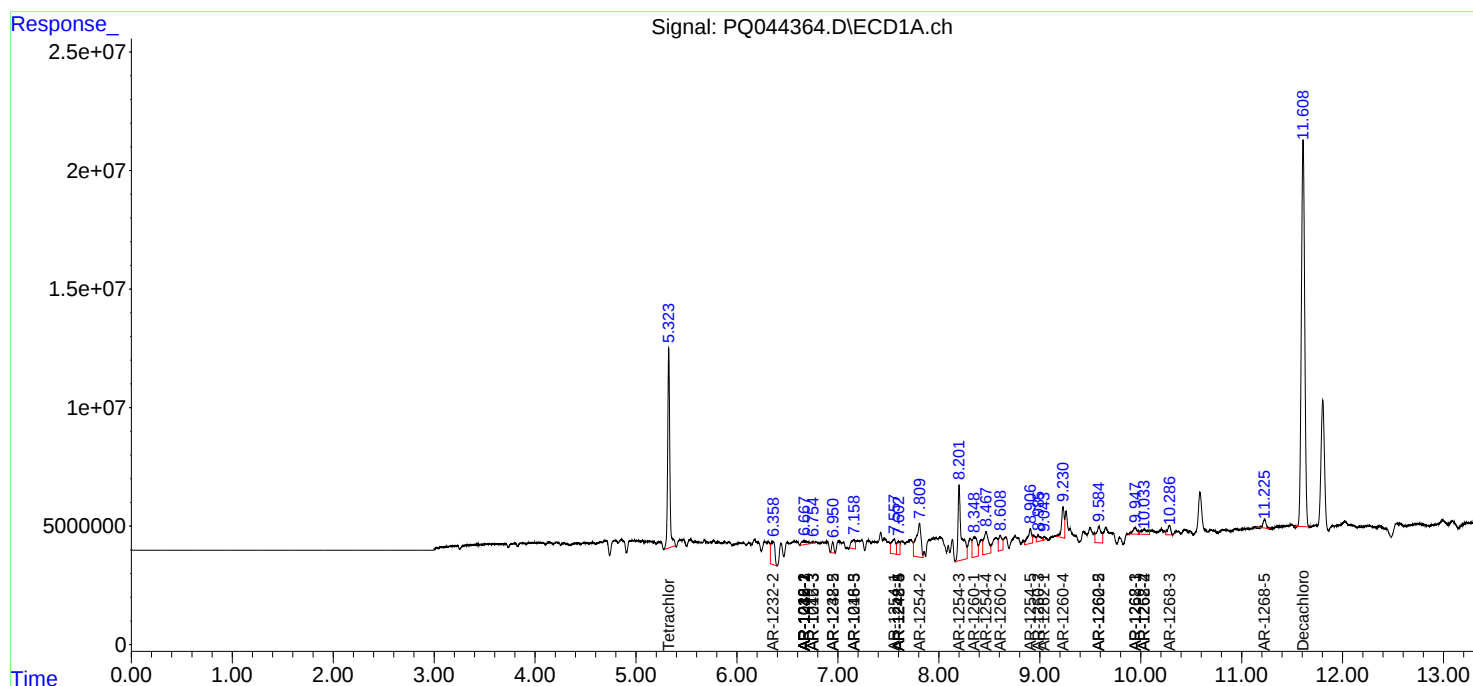
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

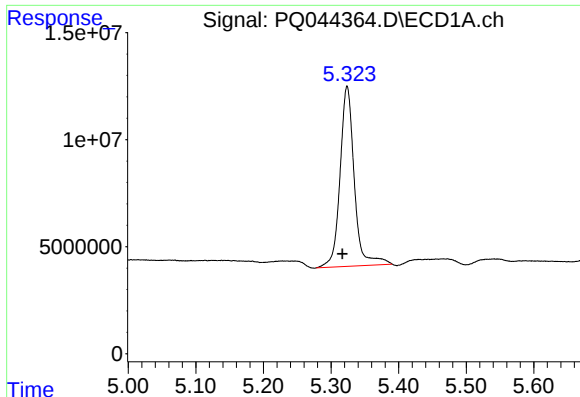
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101419\
Data File : PQ044364.D
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

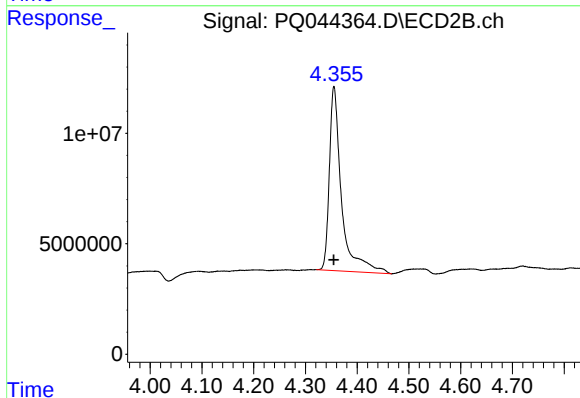




#1 Tetrachloro-m-xylene

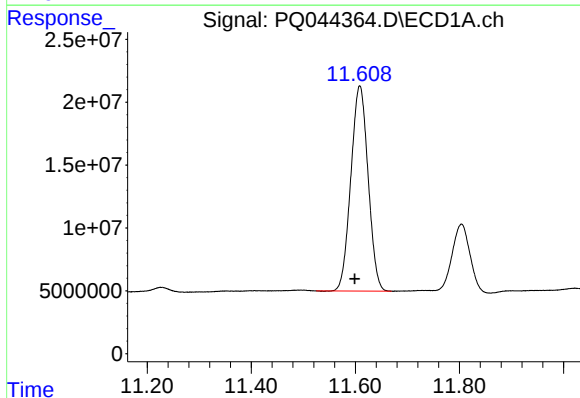
R.T.: 5.324 min
Delta R.T.: 0.007 min
Response: 123545606
Conc: 31.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



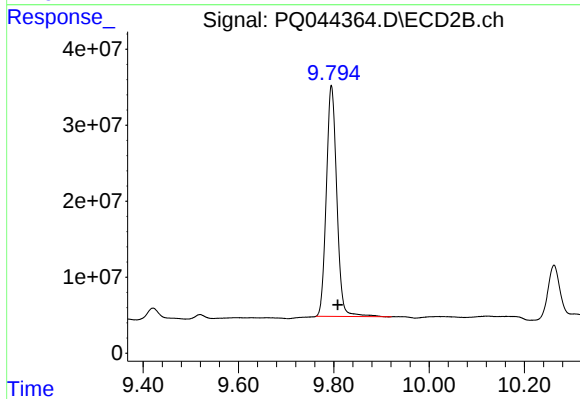
#1 Tetrachloro-m-xylene

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 136586054
Conc: 30.60 ng/ml



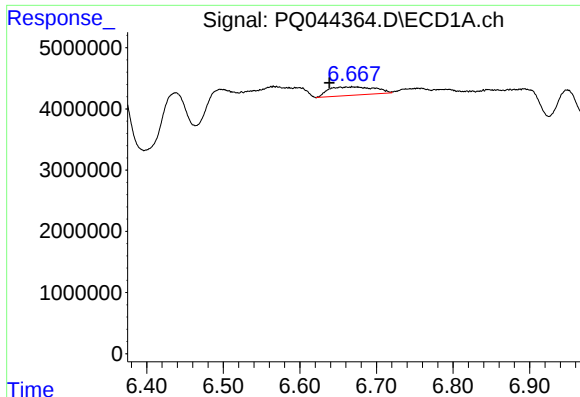
#2 Decachlorobiphenyl

R.T.: 11.608 min
Delta R.T.: 0.010 min
Response: 375355680
Conc: 70.06 ng/ml



#2 Decachlorobiphenyl

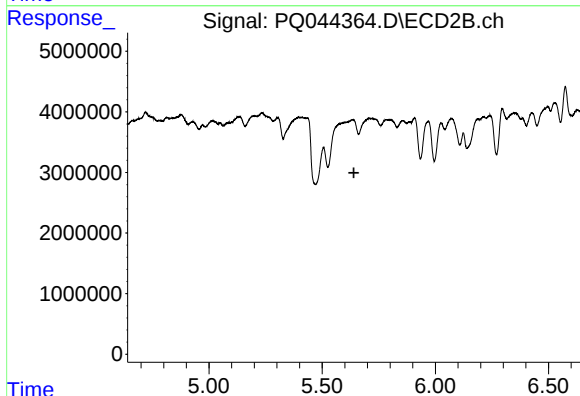
R.T.: 9.795 min
Delta R.T.: -0.013 min
Response: 459723847
Conc: 76.86 ng/ml



#3 AR-1016-1

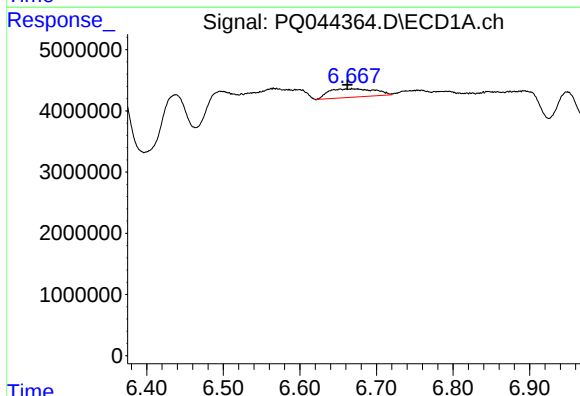
R.T.: 6.671 min
Delta R.T.: 0.032 min
Response: 5734712
Conc: 50.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



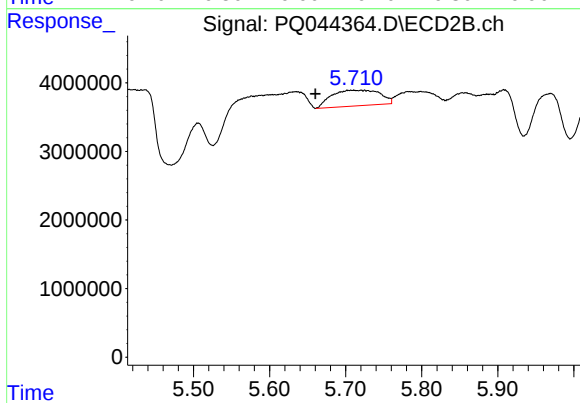
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.640 min
Response: 0
Conc: N.D.



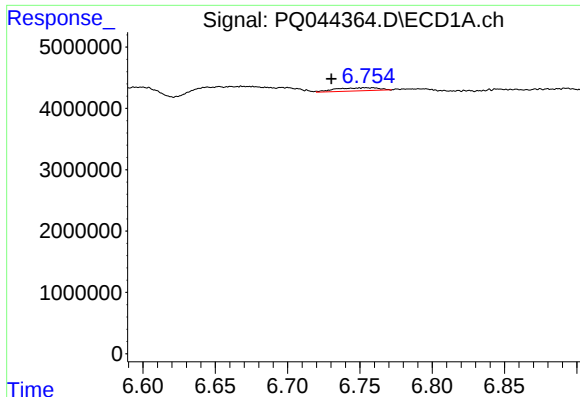
#4 AR-1016-2

R.T.: 6.671 min
Delta R.T.: 0.009 min
Response: 5734712
Conc: 35.55 ng/ml



#4 AR-1016-2

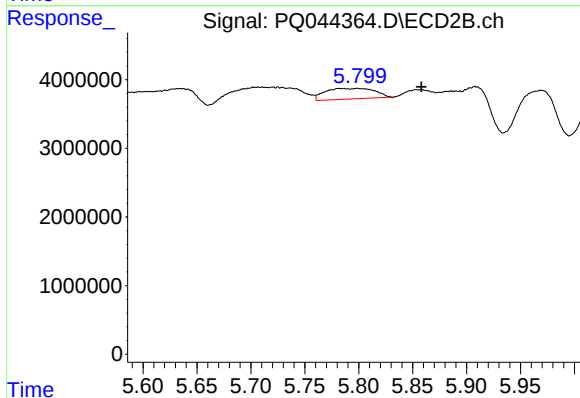
R.T.: 5.721 min
Delta R.T.: 0.060 min
Response: 10137005
Conc: 45.78 ng/ml



#5 AR-1016-3

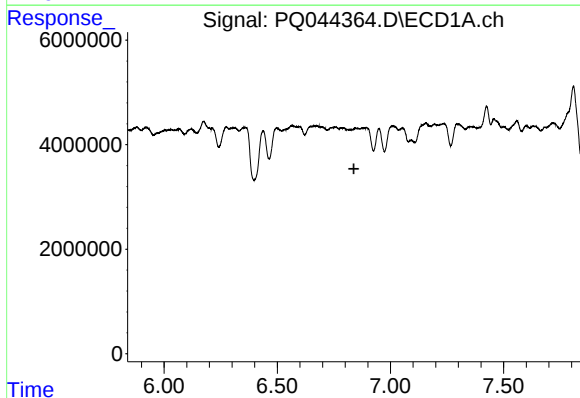
R.T.: 6.755 min
Delta R.T.: 0.025 min
Response: 1065168
Conc: 10.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



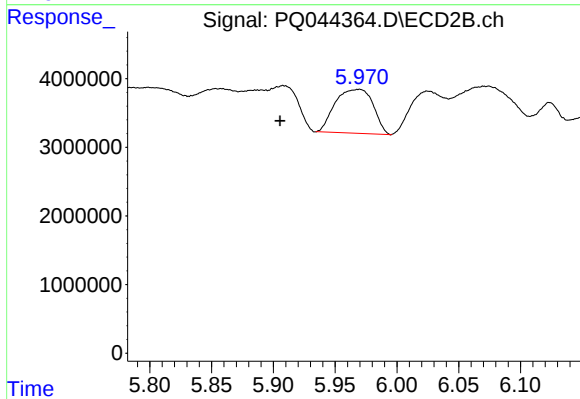
#5 AR-1016-3

R.T.: 5.799 min
Delta R.T.: -0.059 min
Response: 4890844
Conc: 46.87 ng/ml



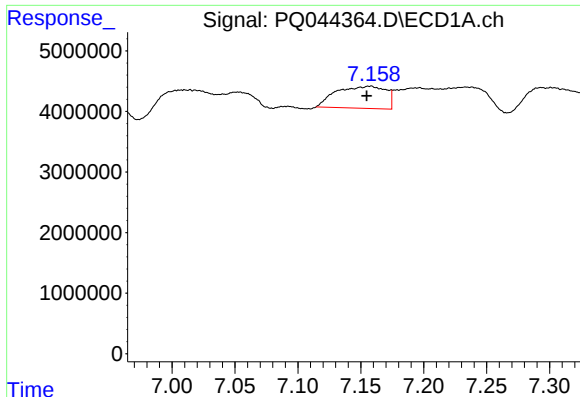
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#6 AR-1016-4

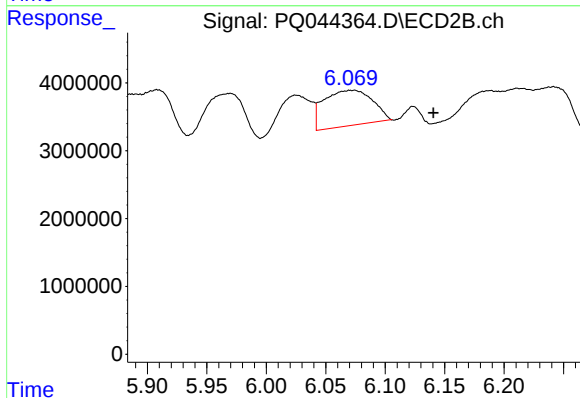
R.T.: 5.968 min
Delta R.T.: 0.063 min
Response: 13657975
Conc: 146.15 ng/ml



#7 AR-1016-5

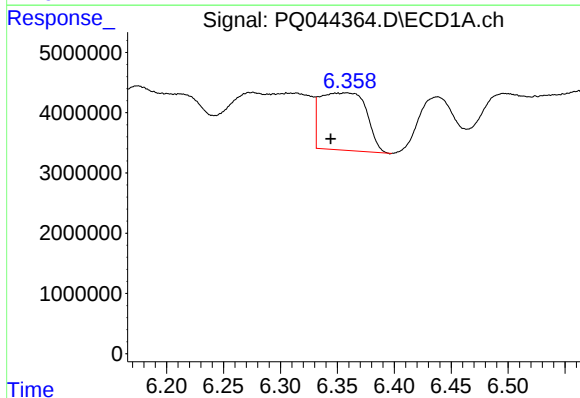
R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 9994973
Conc: 132.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



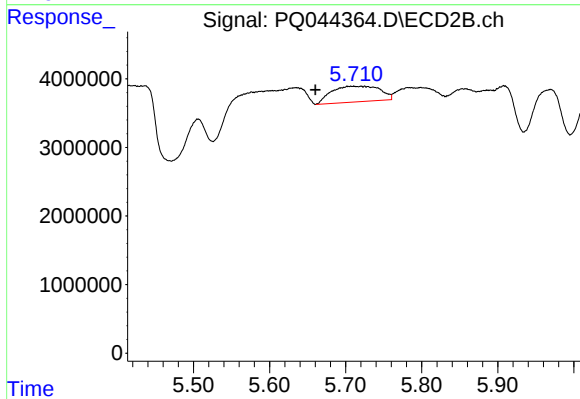
#7 AR-1016-5

R.T.: 6.072 min
Delta R.T.: -0.069 min
Response: 14703445
Conc: 120.24 ng/ml



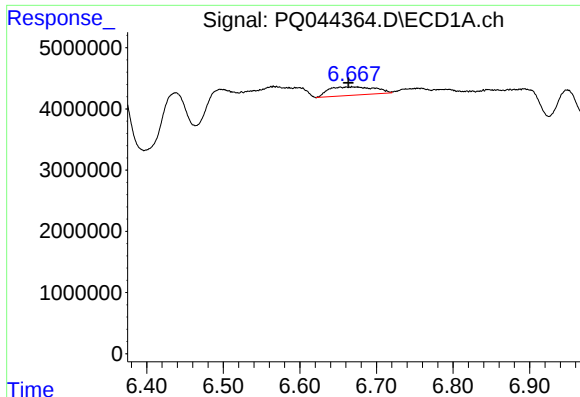
#12 AR-1232-2

R.T.: 6.357 min
Delta R.T.: 0.013 min
Response: 26768506
Conc: 689.11 ng/ml



#12 AR-1232-2

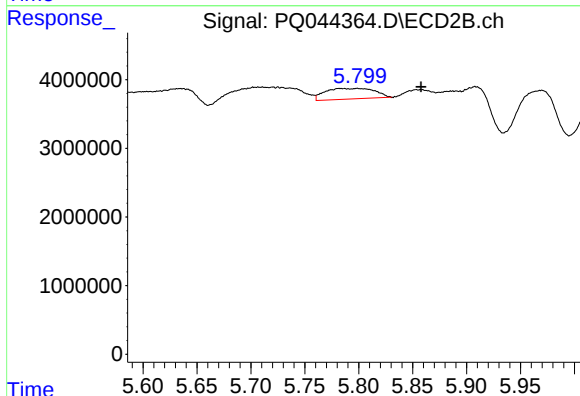
R.T.: 5.721 min
Delta R.T.: 0.060 min
Response: 10137005
Conc: 96.11 ng/ml



#13 AR-1232-3

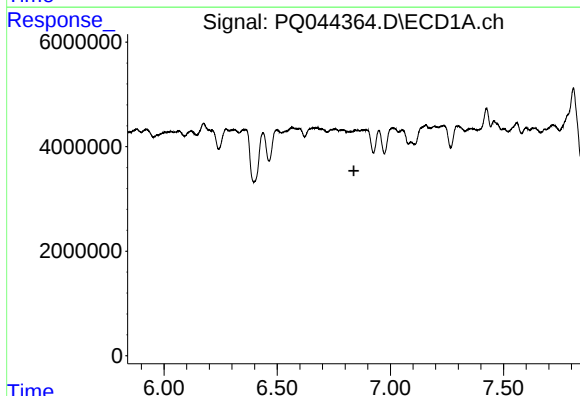
R.T.: 6.671 min
Delta R.T.: 0.007 min
Response: 5734712
Conc: 74.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



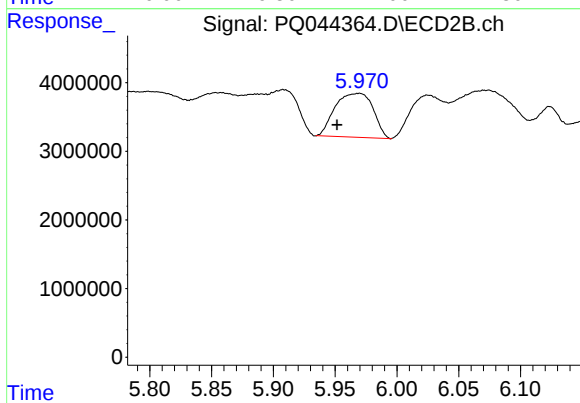
#13 AR-1232-3

R.T.: 5.799 min
Delta R.T.: -0.059 min
Response: 4890844
Conc: 98.97 ng/ml



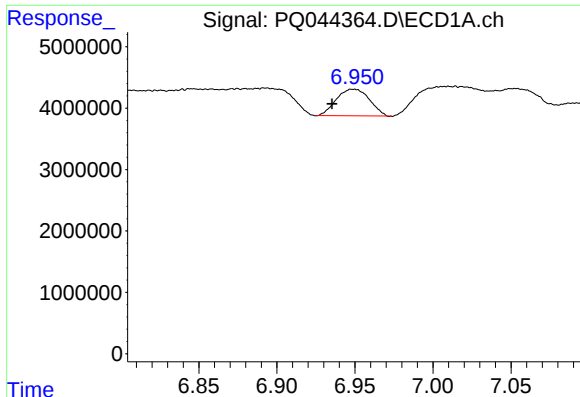
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#14 AR-1232-4

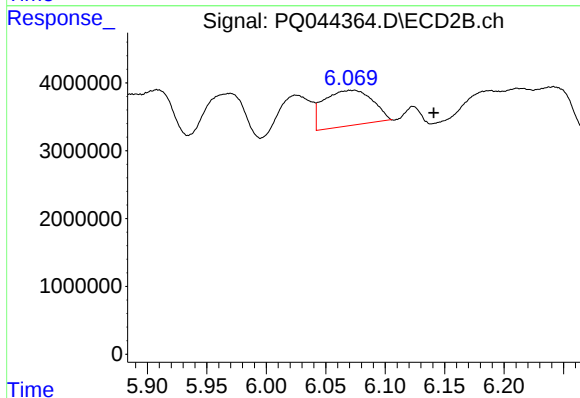
R.T.: 5.968 min
Delta R.T.: 0.017 min
Response: 13657975
Conc: 289.60 ng/ml



#15 AR-1232-5

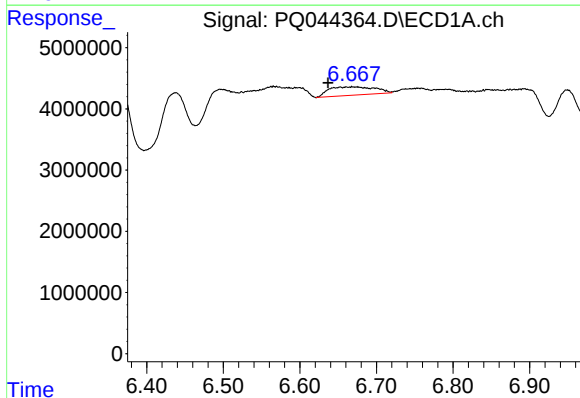
R.T.: 6.949 min
Delta R.T.: 0.014 min
Response: 6392771
Conc: 226.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



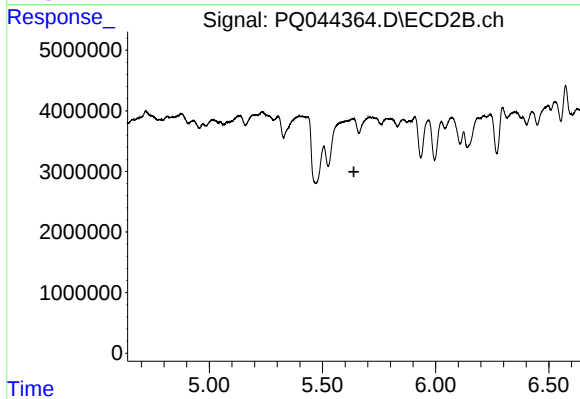
#15 AR-1232-5

R.T.: 6.072 min
Delta R.T.: -0.069 min
Response: 14703445
Conc: 268.98 ng/ml



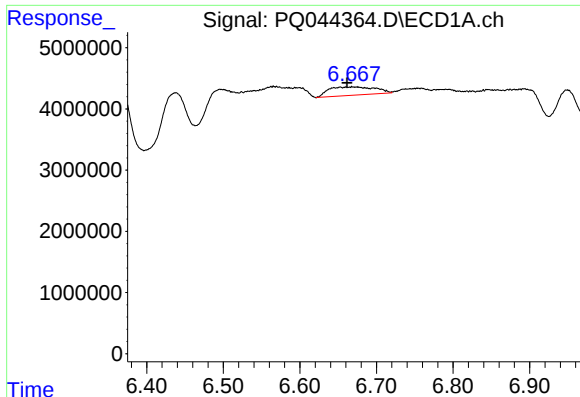
#16 AR-1242-1

R.T.: 6.671 min
Delta R.T.: 0.034 min
Response: 5734712
Conc: 58.74 ng/ml



#16 AR-1242-1

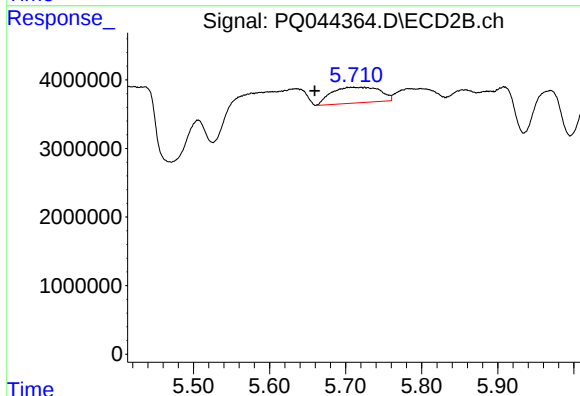
R.T.: 0.000 min
Exp R.T.: 5.639 min
Response: 0
Conc: N.D.



#17 AR-1242-2

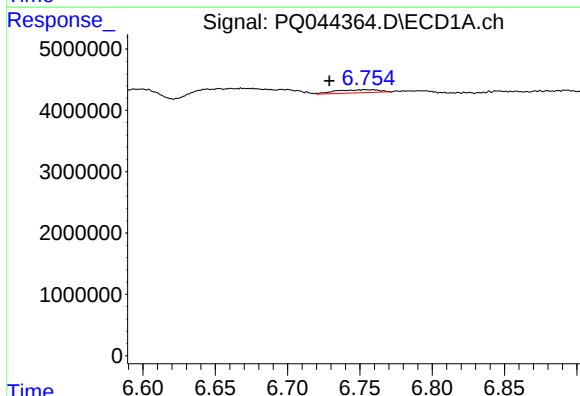
R.T.: 6.671 min
Delta R.T.: 0.009 min
Response: 5734712
Conc: 41.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



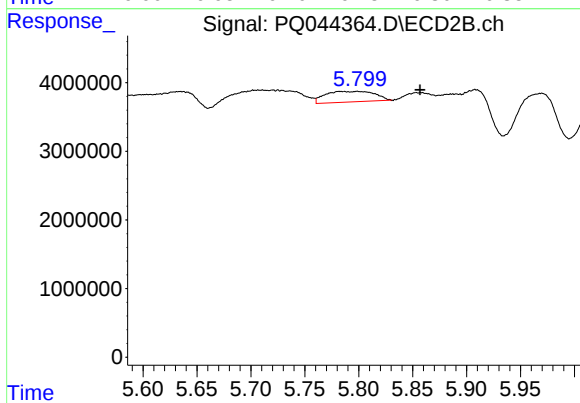
#17 AR-1242-2

R.T.: 5.721 min
Delta R.T.: 0.061 min
Response: 10137005
Conc: 53.73 ng/ml



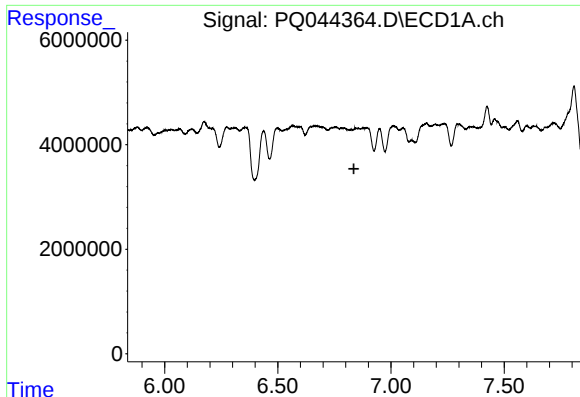
#18 AR-1242-3

R.T.: 6.755 min
Delta R.T.: 0.026 min
Response: 1065168
Conc: 11.99 ng/ml



#18 AR-1242-3

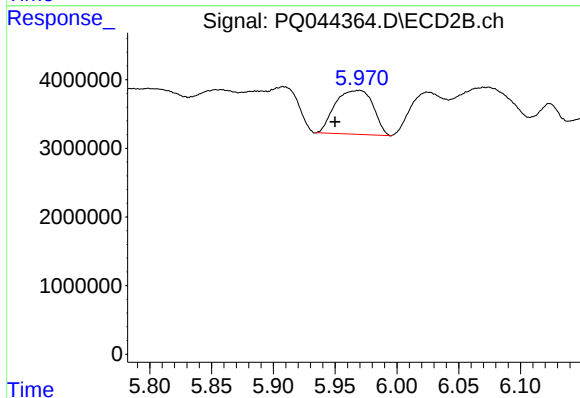
R.T.: 5.799 min
Delta R.T.: -0.058 min
Response: 4890844
Conc: 52.88 ng/ml



#19 AR-1242-4

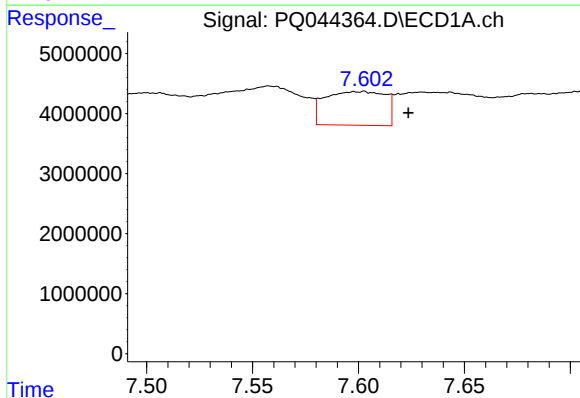
R.T.: 0.000 min
Exp R.T.: 6.836 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ESP30



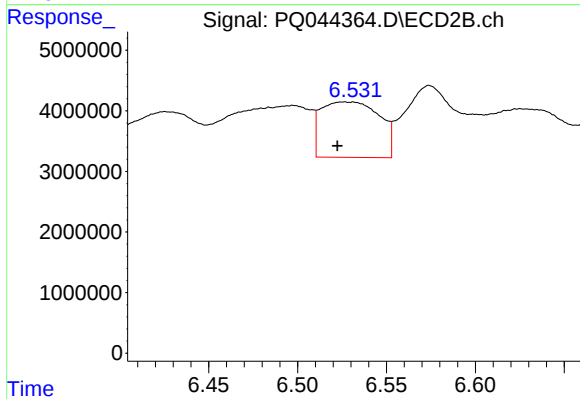
#19 AR-1242-4

R.T.: 5.968 min
Delta R.T.: 0.019 min
Response: 13657975
Conc: 138.96 ng/ml



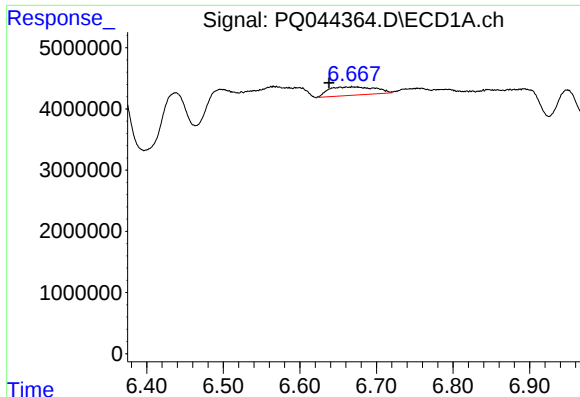
#20 AR-1242-5

R.T.: 7.600 min
Delta R.T.: -0.024 min
Response: 11132608
Conc: 146.43 ng/ml



#20 AR-1242-5

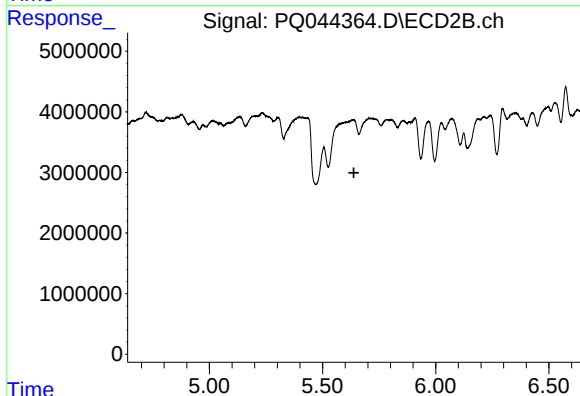
R.T.: 6.527 min
Delta R.T.: 0.005 min
Response: 20966140
Conc: 164.54 ng/ml



#21 AR-1248-1

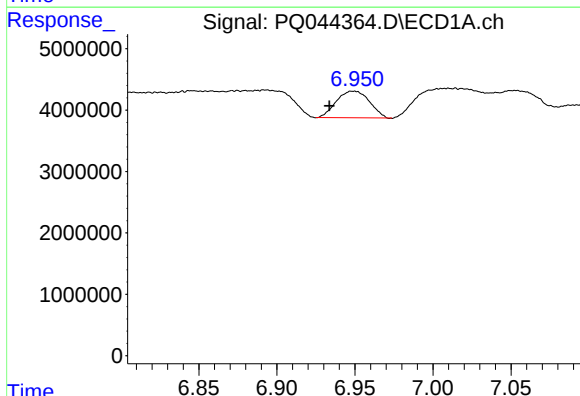
R.T.: 6.671 min
Delta R.T.: 0.033 min
Response: 5734712
Conc: 78.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



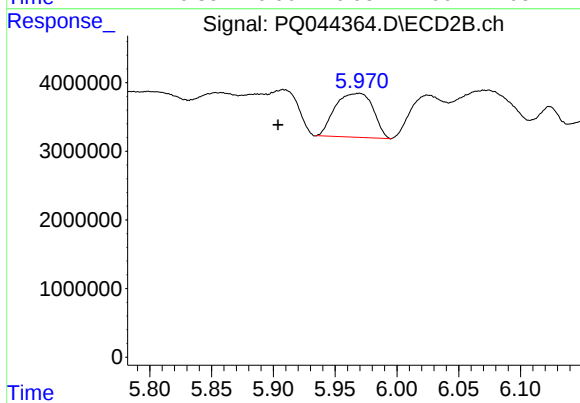
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.638 min
Response: 0
Conc: N.D.



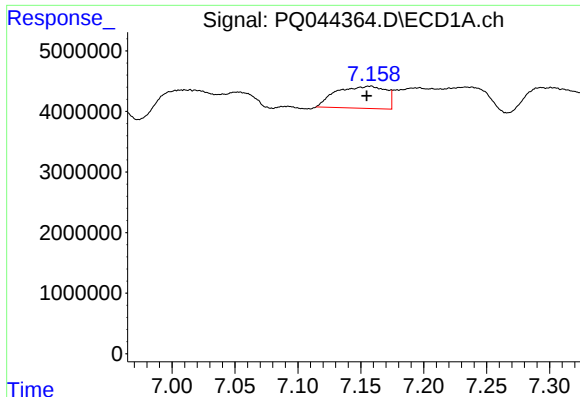
#22 AR-1248-2

R.T.: 6.949 min
Delta R.T.: 0.015 min
Response: 6392771
Conc: 64.53 ng/ml



#22 AR-1248-2

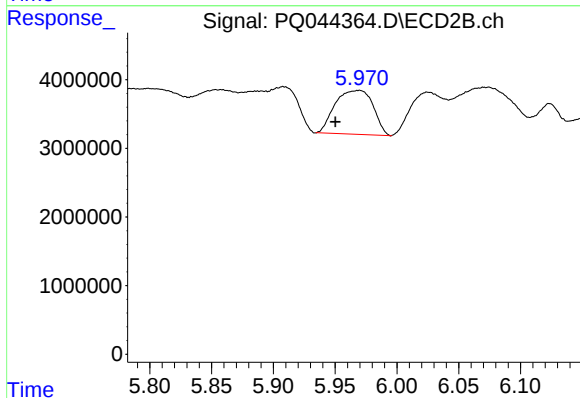
R.T.: 5.968 min
Delta R.T.: 0.065 min
Response: 13657975
Conc: 98.54 ng/ml



#23 AR-1248-3

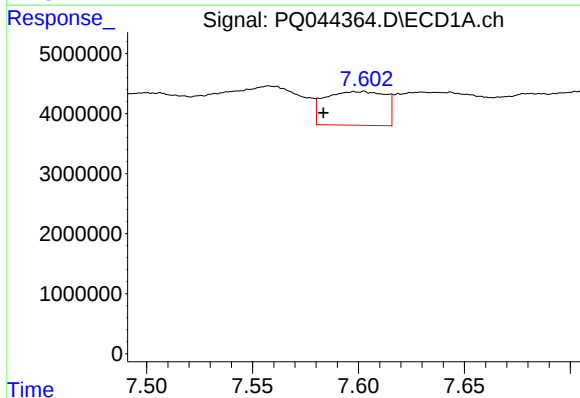
R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 9994973
Conc: 92.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



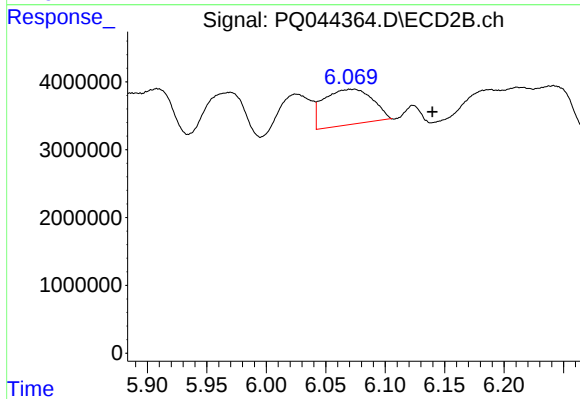
#23 AR-1248-3

R.T.: 5.968 min
Delta R.T.: 0.018 min
Response: 13657975
Conc: 96.57 ng/ml



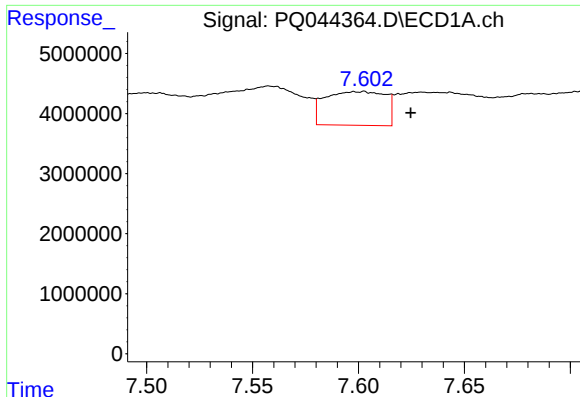
#24 AR-1248-4

R.T.: 7.600 min
Delta R.T.: 0.017 min
Response: 11132608
Conc: 88.42 ng/ml



#24 AR-1248-4

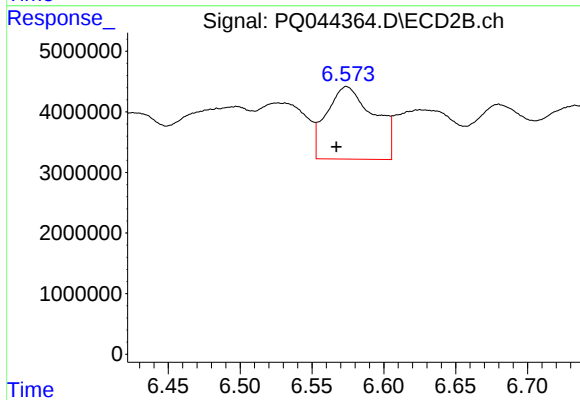
R.T.: 6.072 min
Delta R.T.: -0.068 min
Response: 14703445
Conc: 85.60 ng/ml



#25 AR-1248-5

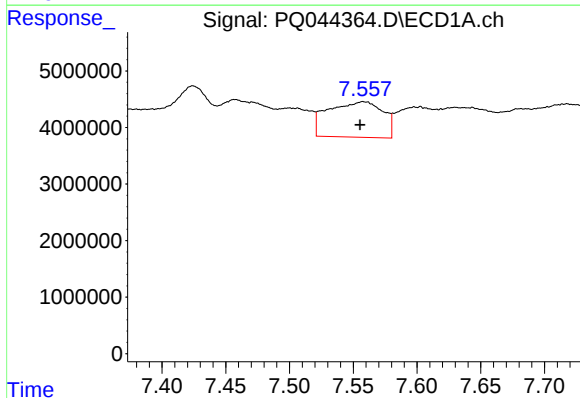
R.T.: 7.600 min
Delta R.T.: -0.025 min
Response: 11132608
Conc: 91.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



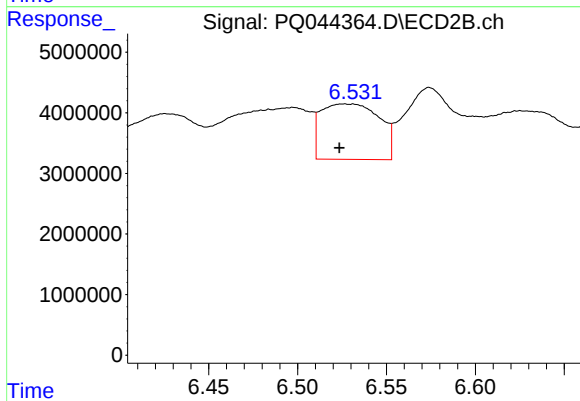
#25 AR-1248-5

R.T.: 6.574 min
Delta R.T.: 0.007 min
Response: 27588960
Conc: 164.79 ng/ml



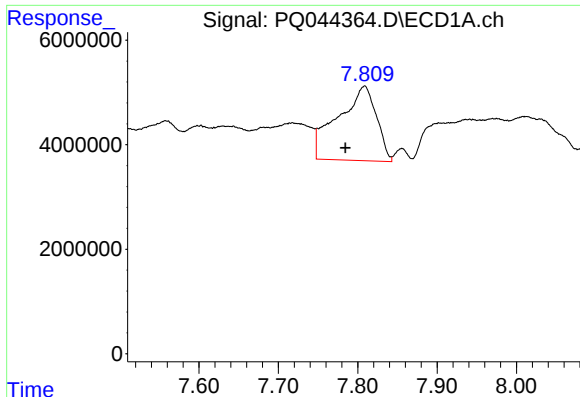
#26 AR-1254-1

R.T.: 7.558 min
Delta R.T.: 0.003 min
Response: 18785899
Conc: 139.61 ng/ml



#26 AR-1254-1

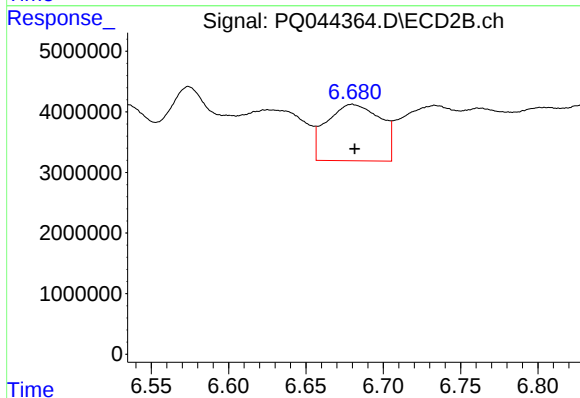
R.T.: 6.527 min
Delta R.T.: 0.004 min
Response: 20966140
Conc: 71.88 ng/ml



#27 AR-1254-2

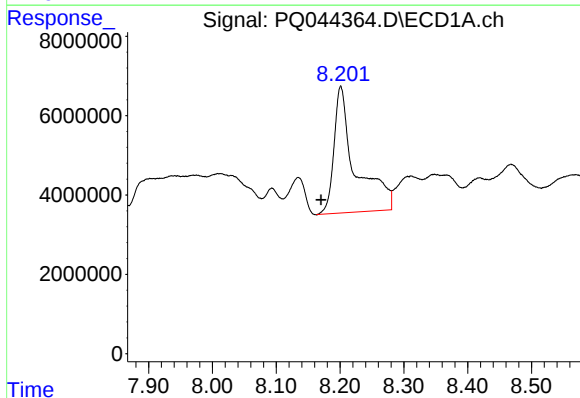
R.T.: 7.808 min
Delta R.T.: 0.023 min
Response: 48109142
Conc: 225.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



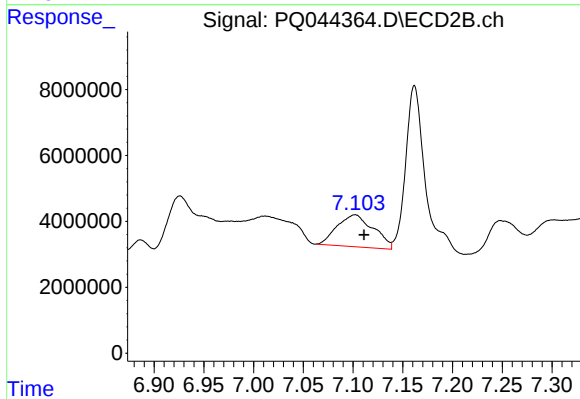
#27 AR-1254-2

R.T.: 6.680 min
Delta R.T.: -0.001 min
Response: 22582794
Conc: 86.49 ng/ml



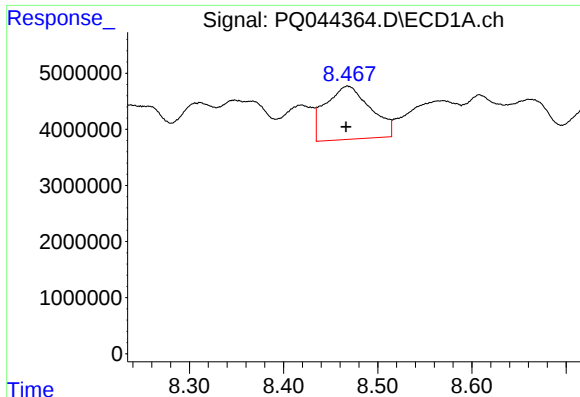
#28 AR-1254-3

R.T.: 8.201 min
Delta R.T.: 0.031 min
Response: 74619689
Conc: 303.27 ng/ml



#28 AR-1254-3

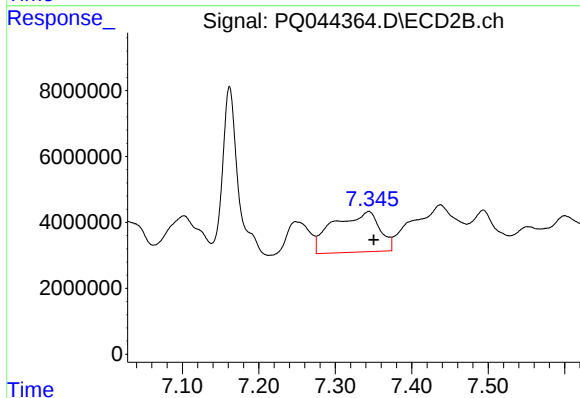
R.T.: 7.102 min
Delta R.T.: -0.009 min
Response: 24755537
Conc: 56.66 ng/ml



#29 AR-1254-4

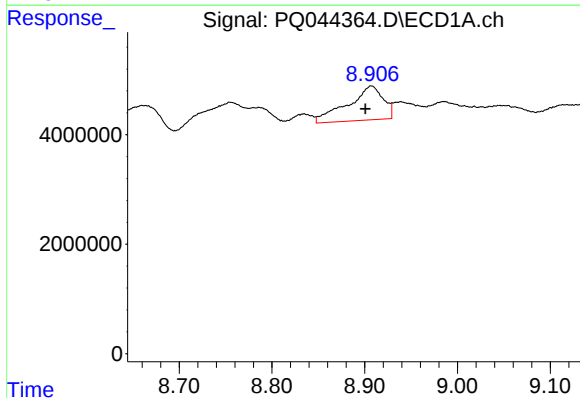
R.T.: 8.468 min
Delta R.T.: 0.002 min
Response: 31560765
Conc: 157.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



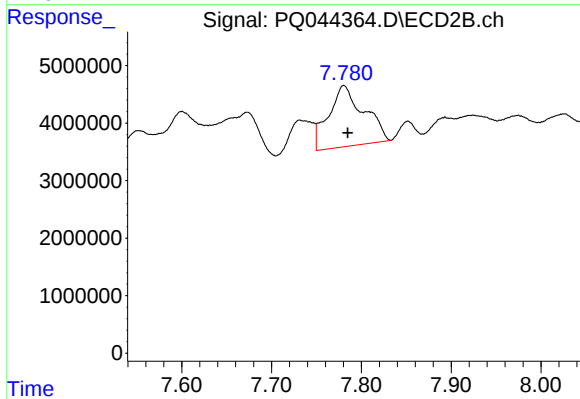
#29 AR-1254-4

R.T.: 7.344 min
Delta R.T.: -0.007 min
Response: 51110816
Conc: 190.27 ng/ml



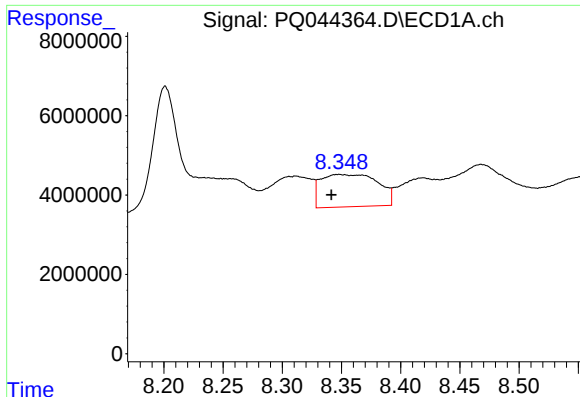
#30 AR-1254-5

R.T.: 8.907 min
Delta R.T.: 0.006 min
Response: 16487320
Conc: 68.89 ng/ml



#30 AR-1254-5

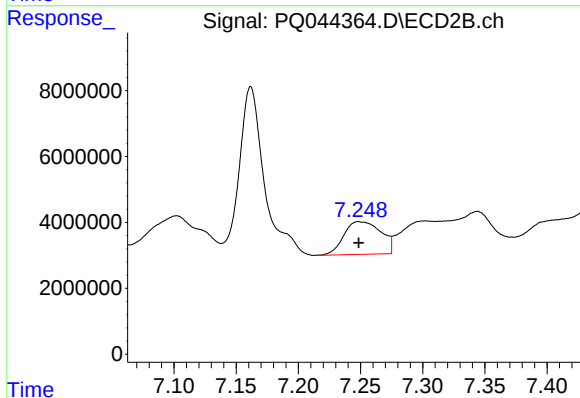
R.T.: 7.781 min
Delta R.T.: -0.004 min
Response: 28952861
Conc: 72.41 ng/ml



#31 AR-1260-1

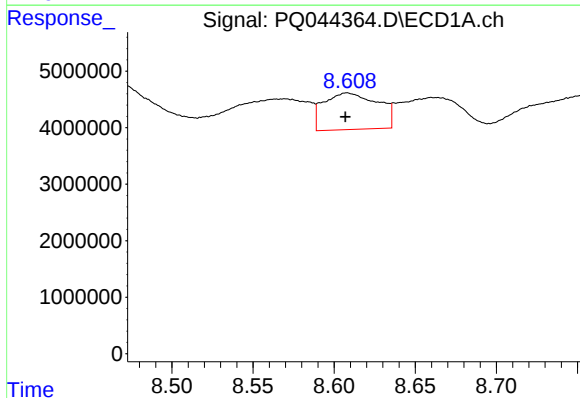
R.T.: 8.348 min
Delta R.T.: 0.007 min
Response: 27378431
Conc: 181.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



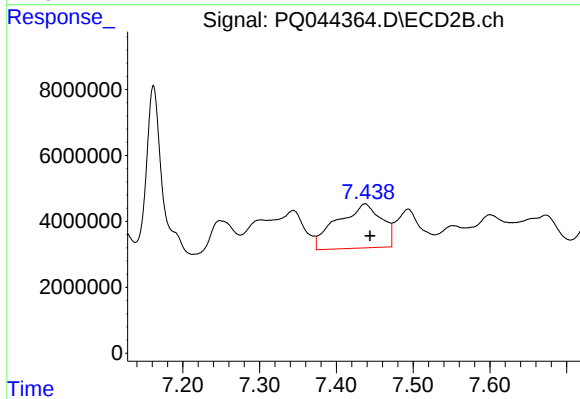
#31 AR-1260-1

R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 20585121
Conc: 84.66 ng/ml



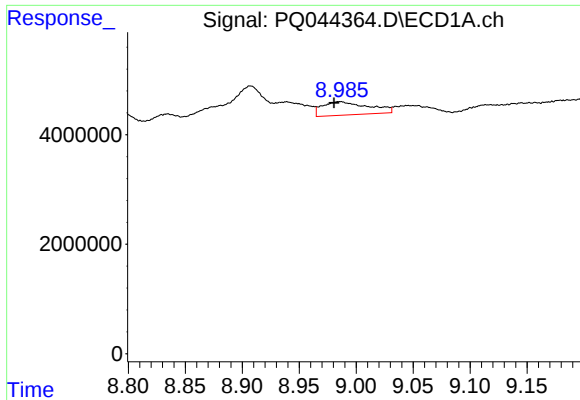
#32 AR-1260-2

R.T.: 8.608 min
Delta R.T.: 0.001 min
Response: 15072628
Conc: 76.58 ng/ml



#32 AR-1260-2

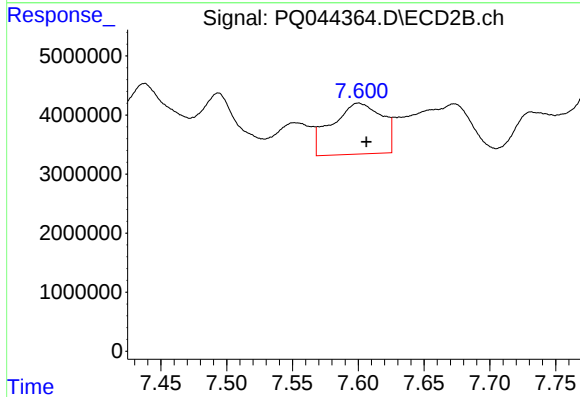
R.T.: 7.437 min
Delta R.T.: -0.007 min
Response: 53647087
Conc: 177.72 ng/ml



#33 AR-1260-3

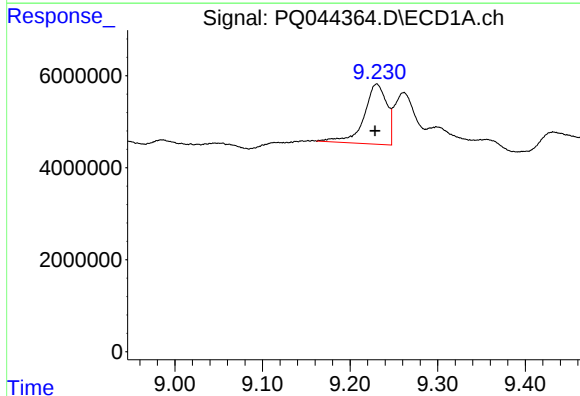
R.T.: 8.985 min
Delta R.T.: 0.005 min
Response: 6903866
Conc: 43.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



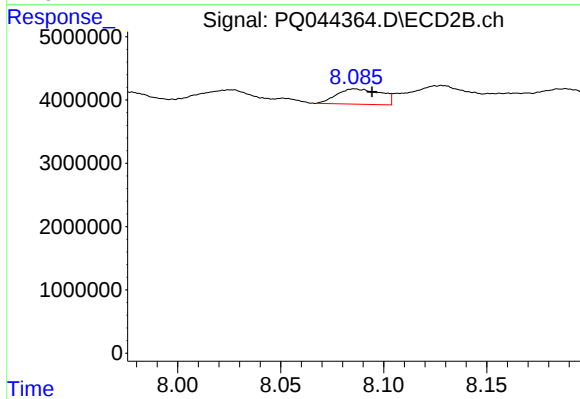
#33 AR-1260-3

R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 22914649
Conc: 81.43 ng/ml



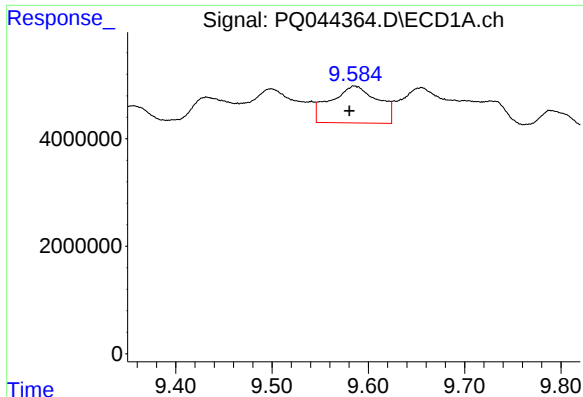
#34 AR-1260-4

R.T.: 9.231 min
Delta R.T.: 0.002 min
Response: 23603670
Conc: 120.89 ng/ml



#34 AR-1260-4

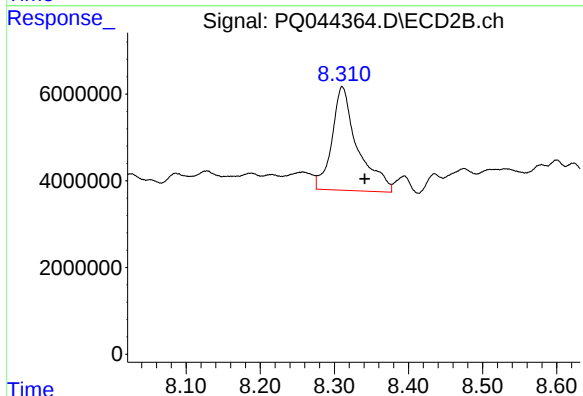
R.T.: 8.087 min
Delta R.T.: -0.008 min
Response: 3602721
Conc: 14.32 ng/ml



#35 AR-1260-5

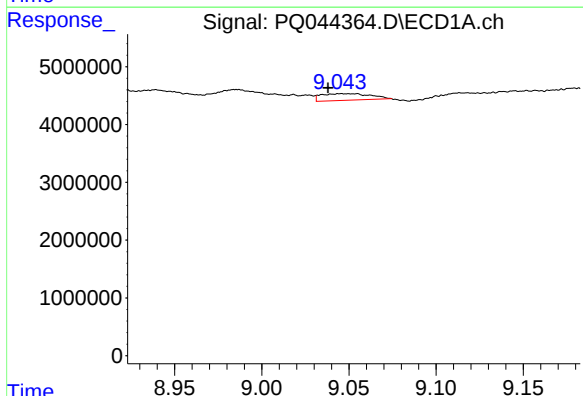
R.T.: 9.586 min
Delta R.T.: 0.006 min
Response: 23416760
Conc: 51.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



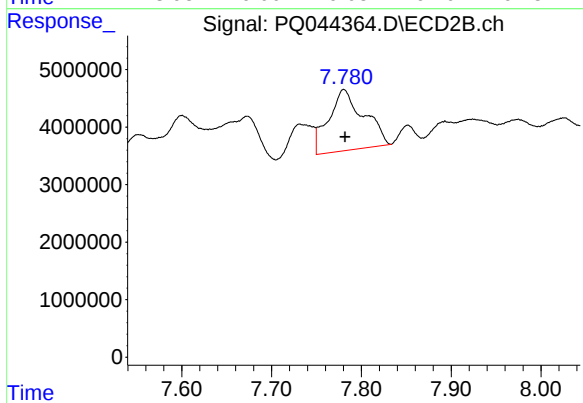
#35 AR-1260-5

R.T.: 8.311 min
Delta R.T.: -0.030 min
Response: 57568796
Conc: 89.82 ng/ml



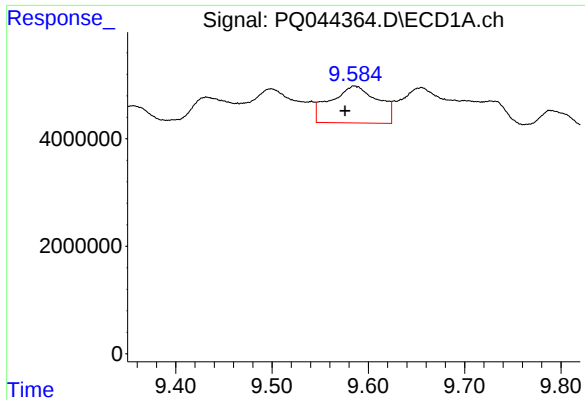
#36 AR-1262-1

R.T.: 9.048 min
Delta R.T.: 0.010 min
Response: 2599556
Conc: 23.94 ng/ml



#36 AR-1262-1

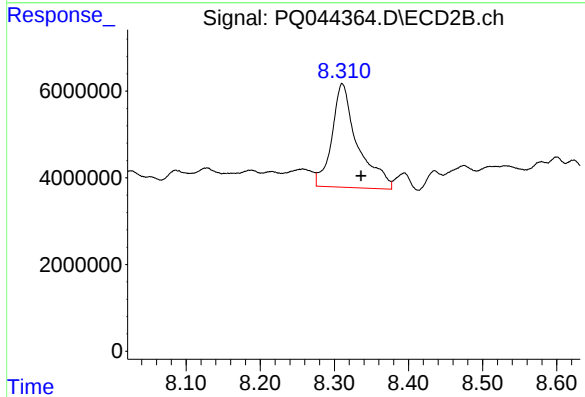
R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 28952861
Conc: 148.36 ng/ml



#37 AR-1262-2

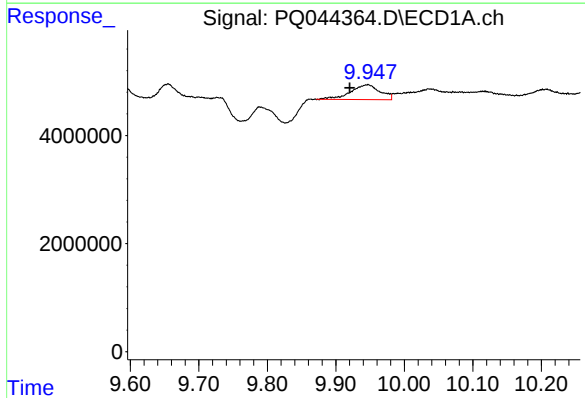
R.T.: 9.586 min
Delta R.T.: 0.010 min
Response: 23416760
Conc: 40.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



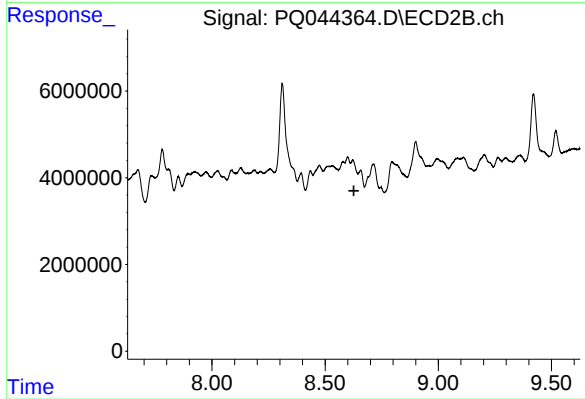
#37 AR-1262-2

R.T.: 8.311 min
Delta R.T.: -0.025 min
Response: 57568796
Conc: 72.76 ng/ml



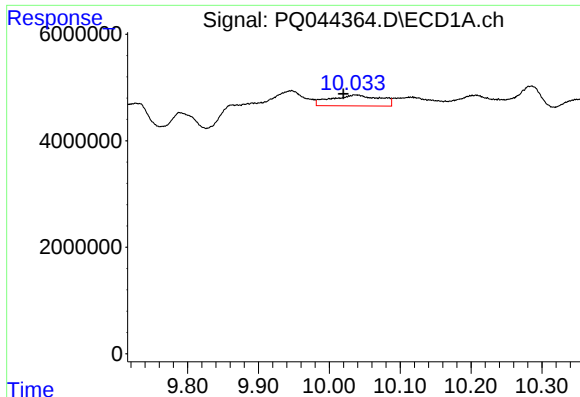
#38 AR-1262-3

R.T.: 9.946 min
Delta R.T.: 0.026 min
Response: 8292034
Conc: 19.99 ng/ml



#38 AR-1262-3

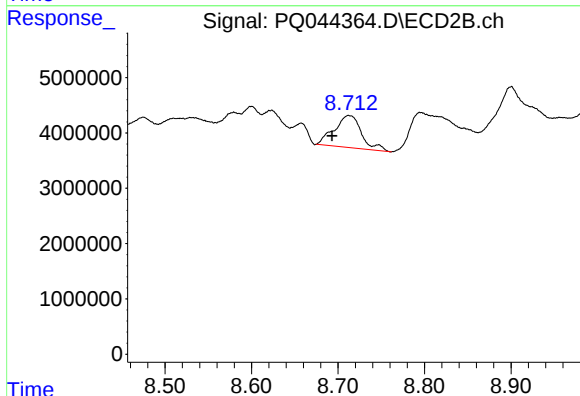
R.T.: 0.000 min
Exp R.T.: 8.627 min
Response: 0
Conc: N.D.



#39 AR-1262-4

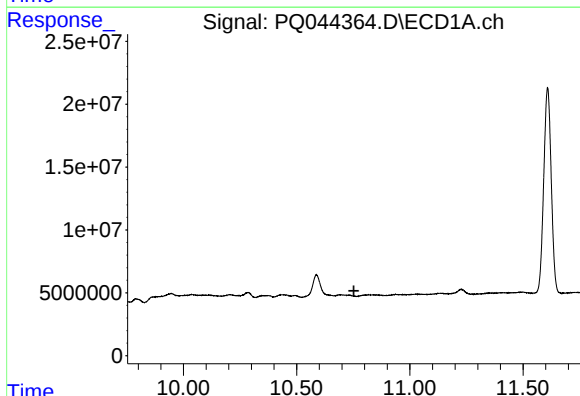
R.T.: 10.037 min
Delta R.T.: 0.018 min
Response: 9814227
Conc: 31.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



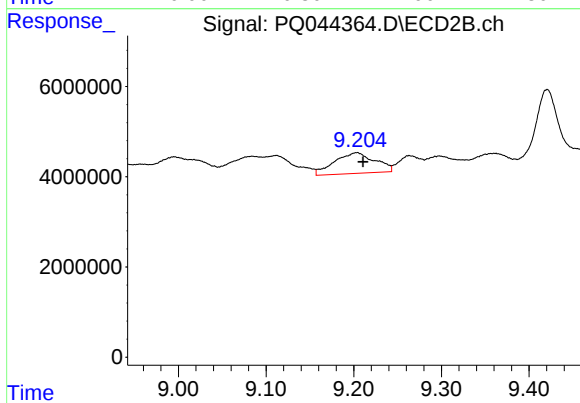
#39 AR-1262-4

R.T.: 8.713 min
Delta R.T.: 0.020 min
Response: 12622951
Conc: 20.71 ng/ml



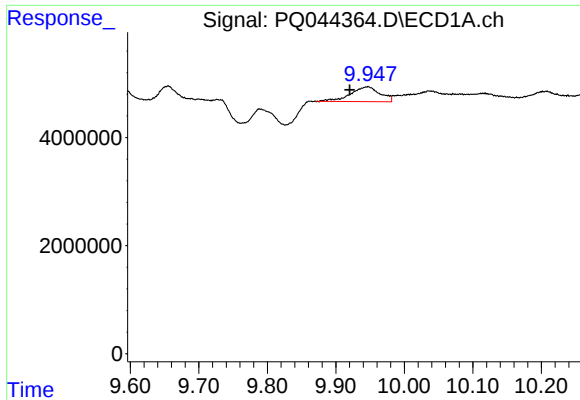
#40 AR-1262-5

R.T.: 10.814 min
Delta R.T.: 0.061 min
Response: -174187
Conc: N.D.



#40 AR-1262-5

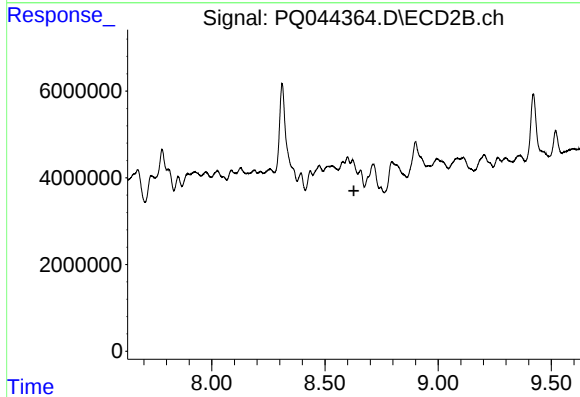
R.T.: 9.203 min
Delta R.T.: -0.007 min
Response: 14902188
Conc: 53.15 ng/ml



#41 AR-1268-1

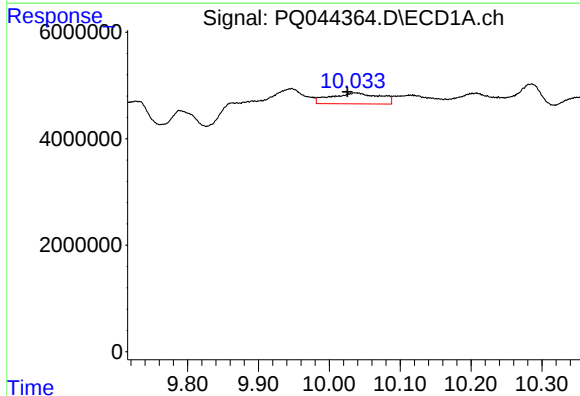
R.T.: 9.946 min
Delta R.T.: 0.026 min
Response: 8292034
Conc: 11.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



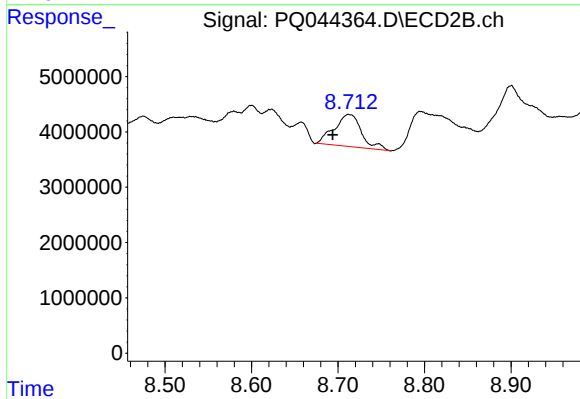
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.628 min
Response: 0
Conc: N.D.



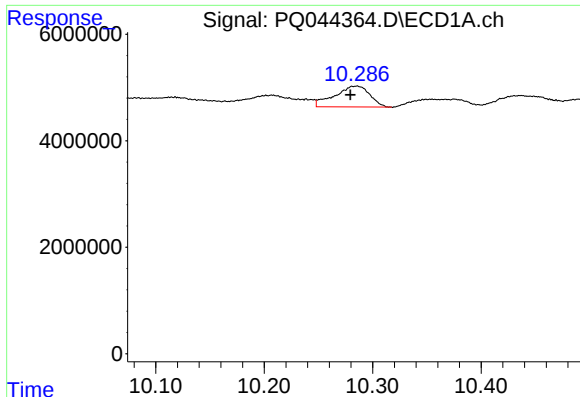
#42 AR-1268-2

R.T.: 10.037 min
Delta R.T.: 0.012 min
Response: 9814227
Conc: 14.44 ng/ml



#42 AR-1268-2

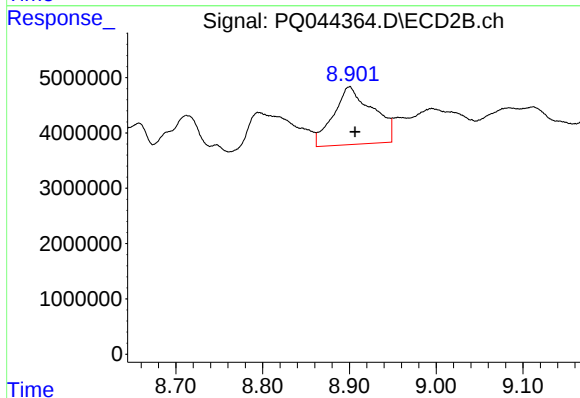
R.T.: 8.713 min
Delta R.T.: 0.019 min
Response: 12622951
Conc: 13.88 ng/ml



#43 AR-1268-3

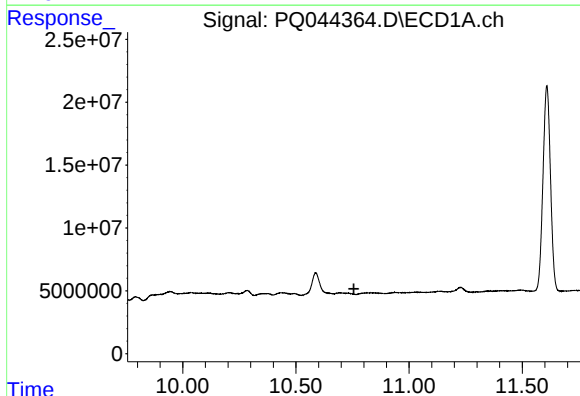
R.T.: 10.284 min
Delta R.T.: 0.005 min
Response: 8851028
Conc: 15.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



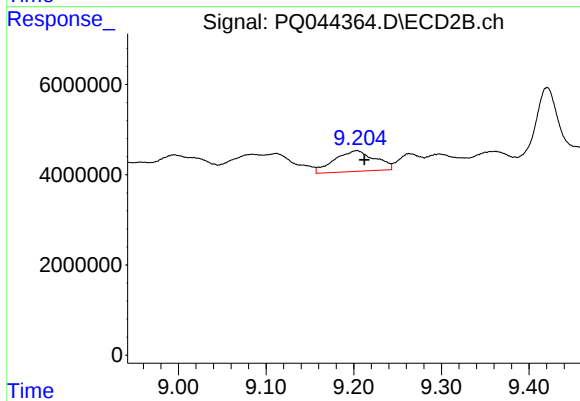
#43 AR-1268-3

R.T.: 8.900 min
Delta R.T.: -0.007 min
Response: 32952508
Conc: 43.50 ng/ml



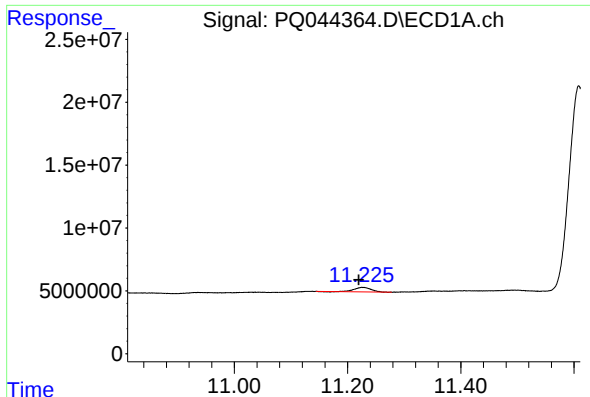
#44 AR-1268-4

R.T.: 10.814 min
Delta R.T.: 0.058 min
Response: -174187
Conc: N.D.



#44 AR-1268-4

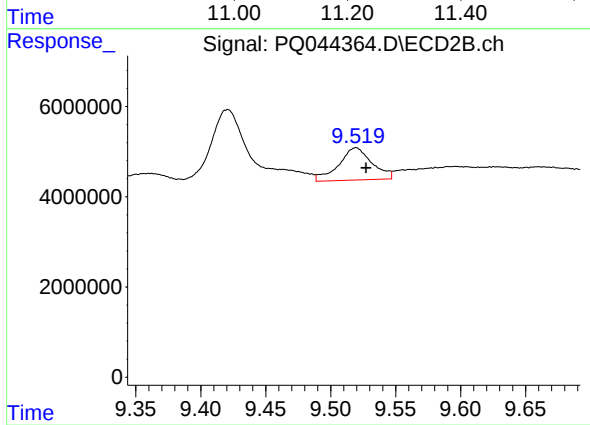
R.T.: 9.203 min
Delta R.T.: -0.009 min
Response: 14902188
Conc: 45.57 ng/ml



#45 AR-1268-5

R.T.: 11.227 min
Delta R.T.: 0.007 min
Response: 6950828
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



#45 AR-1268-5

R.T.: 9.519 min
Delta R.T.: -0.008 min
Response: 12800356
Conc: 4.91 ng/ml