

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120621\
 Data File : PQ055297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2021 13:36
 Operator : AJ\MA
 Sample : M4927-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 23:17:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 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...	5.245	4.316	397.8E6	253.7E6	22.627	24.671
2)	SA Decachlor...	11.438	9.717	355.6E6	204.3E6	22.546	22.813
Target Compounds							
3)	L1 AR-1016-1	0.000	5.623f	0	2396023	N.D.	6.683 #
4)	L1 AR-1016-2	0.000	5.623	0	2396023	N.D.	4.654 #
5)	L1 AR-1016-3	0.000	5.801	0	3934014	N.D.	14.690 #
6)	L1 AR-1016-4	0.000	5.853	0	1863241	N.D.	8.589 #
7)	L1 AR-1016-5	0.000	6.079	0	2646657	N.D.	9.668 #
8)	L2 AR-1221-1	5.496	4.573	22052427	185678	105.787	1.721 #
9)	L2 AR-1221-2	5.599	4.677	6122844	5945954	34.991	76.727 #
10)	L2 AR-1221-3	5.700f	4.768	7935103	794543	17.644	3.085 #
11)	L3 AR-1232-1	5.700f	4.768	7935103	794543	20.899	3.656 #
12)	L3 AR-1232-2	6.246f	5.623	8026465	2396023	40.198	11.373 #
13)	L3 AR-1232-3	0.000	5.801	0	3934014	N.D.	35.845 #
14)	L3 AR-1232-4	0.000	5.880f	0	4416345	N.D.	45.495 #
15)	L3 AR-1232-5	0.000	6.079	0	2646657	N.D.	25.679 #
16)	L4 AR-1242-1	0.000	5.623f	0	2396023	N.D.	8.994 #
17)	L4 AR-1242-2	0.000	5.623	0	2396023	N.D.	6.186 #
18)	L4 AR-1242-3	0.000	5.801	0	3934014	N.D.	19.509 #
19)	L4 AR-1242-4	0.000	5.880f	0	4416345	N.D.	22.559 #
20)	L4 AR-1242-5	0.000	6.479	0	4687464	N.D.	18.590 #
21)	L5 AR-1248-1	0.000	5.623f	0	2396023	N.D.	11.971 #
22)	L5 AR-1248-2	0.000	5.853	0	1863241	N.D.	6.627 #
23)	L5 AR-1248-3	0.000	5.880f	0	4416345	N.D.	15.095 #
24)	L5 AR-1248-4	7.494f	6.079	20059452	2646657	33.058	7.603 #
25)	L5 AR-1248-5	0.000	6.503f	0	6698760	N.D.	19.251 #
26)	L6 AR-1254-1	7.494	6.479	20059452	4687464	34.170	8.475 #
27)	L6 AR-1254-2	0.000	6.624	0	7242654	N.D.	15.305 #
28)	L6 AR-1254-3	8.098	7.051	4922112	7546710	4.836	9.612 #
29)	L6 AR-1254-4	8.391	7.288	18976643	3233977	25.222	6.778 #
30)	L6 AR-1254-5	0.000	7.722	0	1258756	N.D.	1.882 #
31)	L7 AR-1260-1	0.000	7.192	0	4495340	N.D.	8.968 #
32)	L7 AR-1260-2	8.526	7.384	7588410	1451764	9.144	2.401 #
33)	L7 AR-1260-3	0.000	7.541	0	609716	N.D.	1.068 #
34)	L7 AR-1260-4	0.000	8.027	0	1502947	N.D.	3.172 #
35)	L7 AR-1260-5	0.000	8.264f	0	2578771	N.D.	2.233 #
36)	L8 AR-1262-1	0.000	7.722	0	1258756	N.D.	3.701 #
37)	L8 AR-1262-2	0.000	8.264f	0	2578771	N.D.	2.092 #
38)	L8 AR-1262-3	0.000	8.566	0	1644735	N.D.	3.558 #
39)	L8 AR-1262-4	0.000	8.631	0	1488280	N.D.	1.667 #
40)	L8 AR-1262-5	0.000	9.136	0	474013	N.D.	1.180 #
41)	L9 AR-1268-1	0.000	8.566	0	1644735	N.D.	1.162 #

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 Acq On : 06 Dec 2021 13:36
 Operator : AJ\MA
 Sample : M4927-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

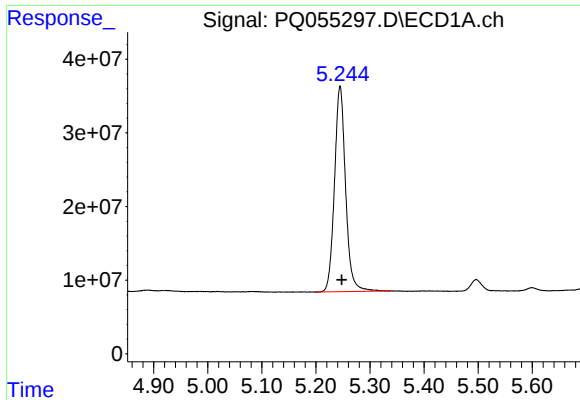
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 23:17:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
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 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	8.631	0	1488280	N.D.	1.142 #
43) L9	AR-1268-3	0.000	8.840	0	964449	N.D.	0.882 #
44) L9	AR-1268-4	0.000	9.136	0	474013	N.D.	1.049 #
45) L9	AR-1268-5	0.000	9.448	0	1183792	N.D.	0.335 #

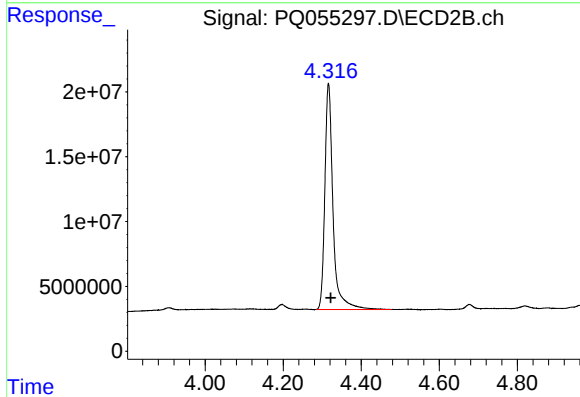
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

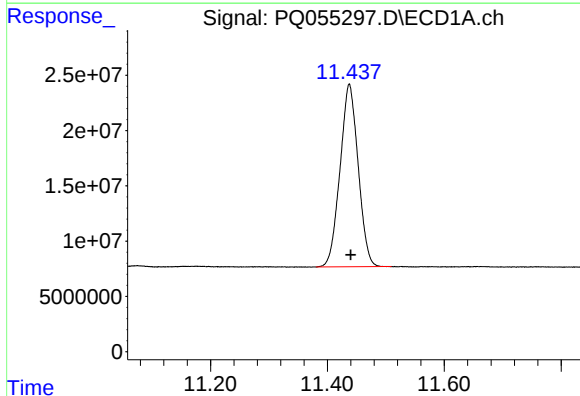
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 397816616
Conc: 22.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



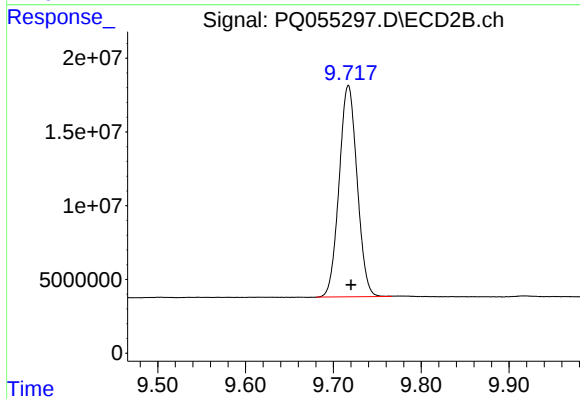
#1 Tetrachloro-m-xylene

R.T.: 4.316 min
Delta R.T.: -0.006 min
Response: 253700007
Conc: 24.67 ng/ml



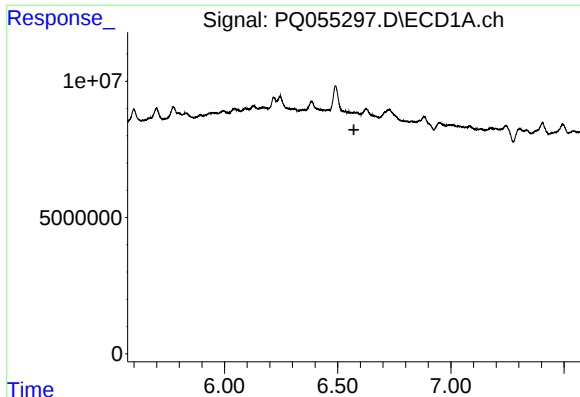
#2 Decachlorobiphenyl

R.T.: 11.438 min
Delta R.T.: -0.002 min
Response: 355613688
Conc: 22.55 ng/ml



#2 Decachlorobiphenyl

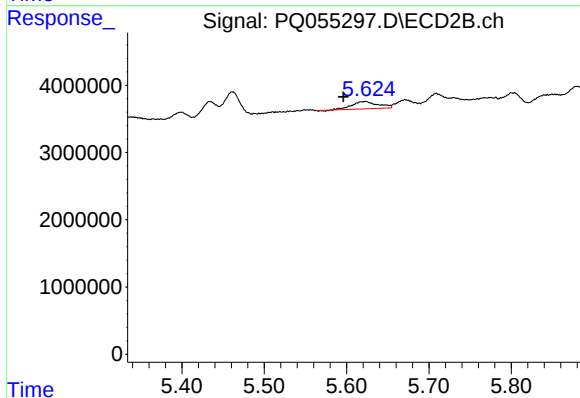
R.T.: 9.717 min
Delta R.T.: -0.003 min
Response: 204268723
Conc: 22.81 ng/ml



#3 AR-1016-1

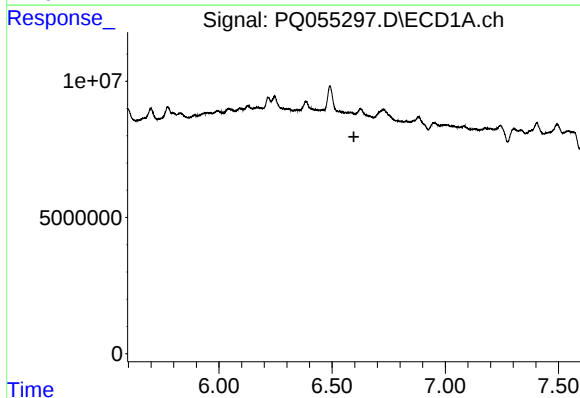
R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



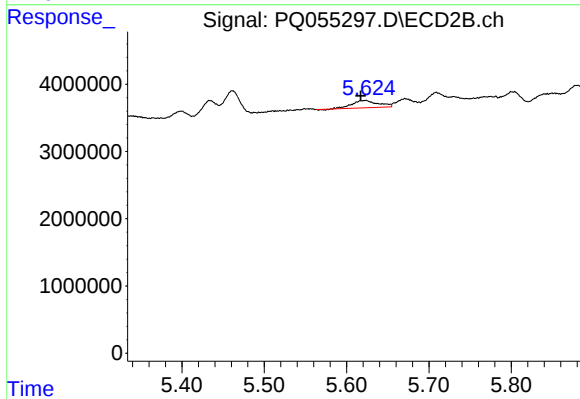
#3 AR-1016-1

R.T.: 5.623 min
Delta R.T.: 0.027 min
Response: 2396023
Conc: 6.68 ng/ml



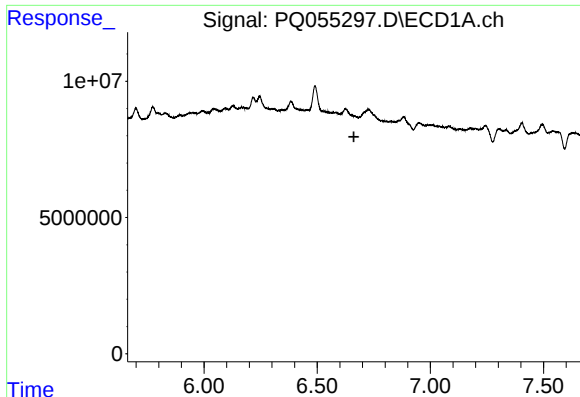
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.



#4 AR-1016-2

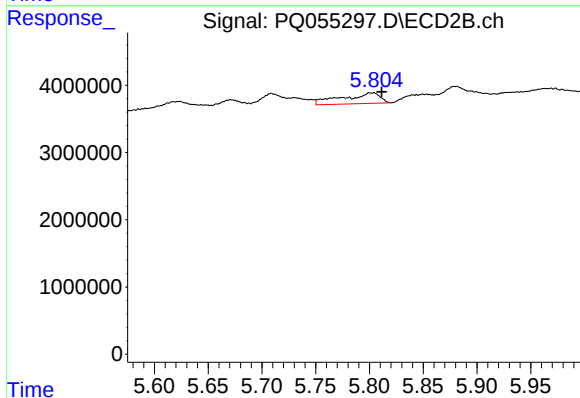
R.T.: 5.623 min
Delta R.T.: 0.006 min
Response: 2396023
Conc: 4.65 ng/ml



#5 AR-1016-3

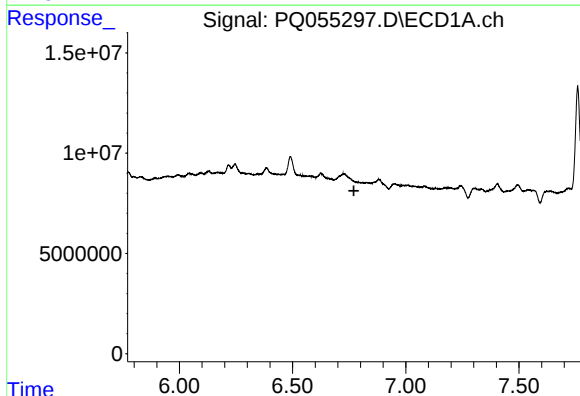
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



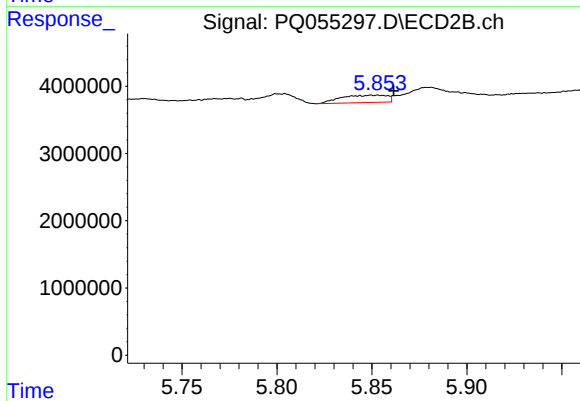
#5 AR-1016-3

R.T.: 5.801 min
Delta R.T.: -0.010 min
Response: 3934014
Conc: 14.69 ng/ml



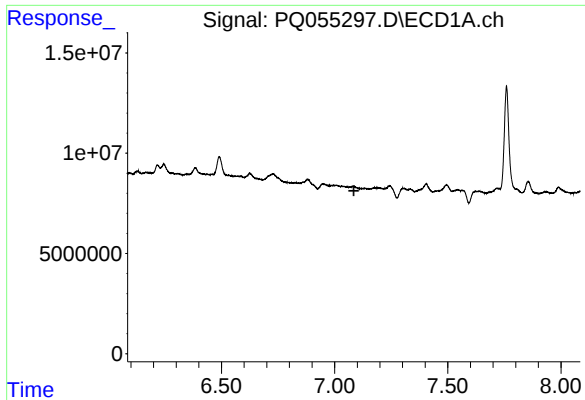
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



#6 AR-1016-4

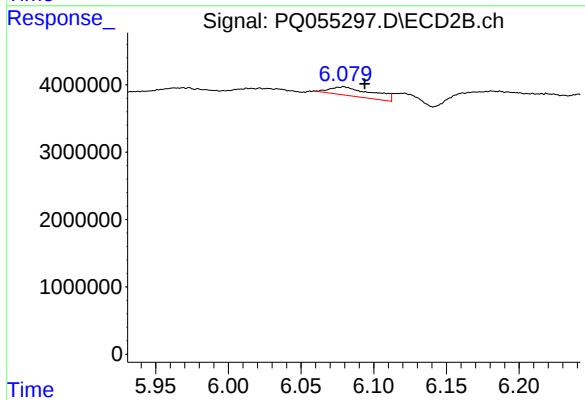
R.T.: 5.853 min
Delta R.T.: -0.008 min
Response: 1863241
Conc: 8.59 ng/ml



#7 AR-1016-5

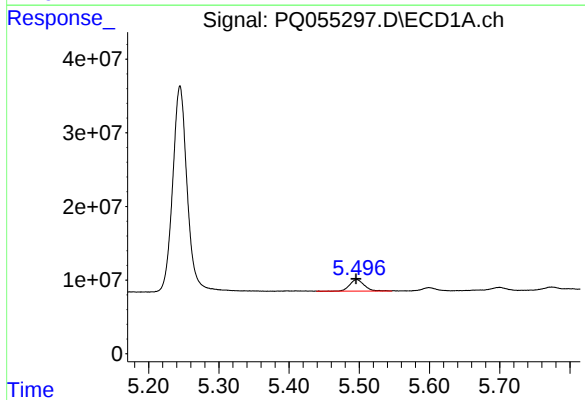
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



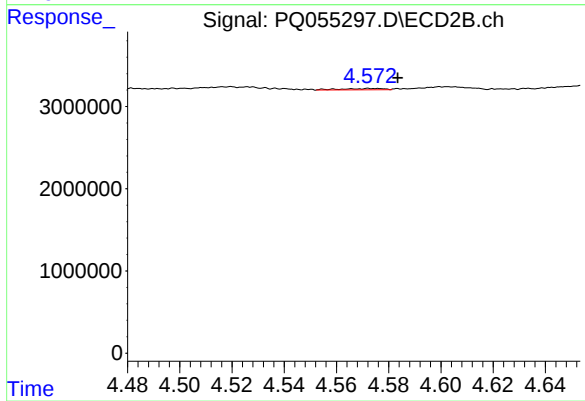
#7 AR-1016-5

R.T.: 6.079 min
Delta R.T.: -0.015 min
Response: 2646657
Conc: 9.67 ng/ml



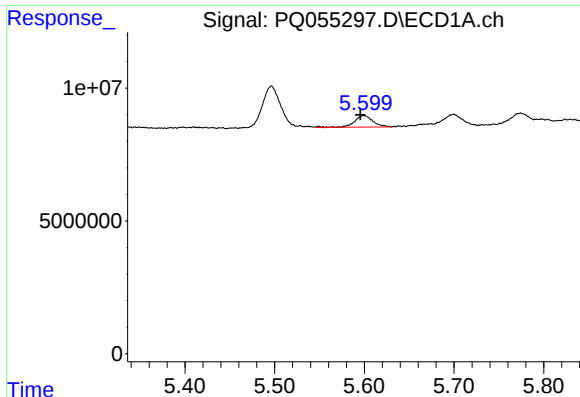
#8 AR-1221-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 22052427
Conc: 105.79 ng/ml



#8 AR-1221-1

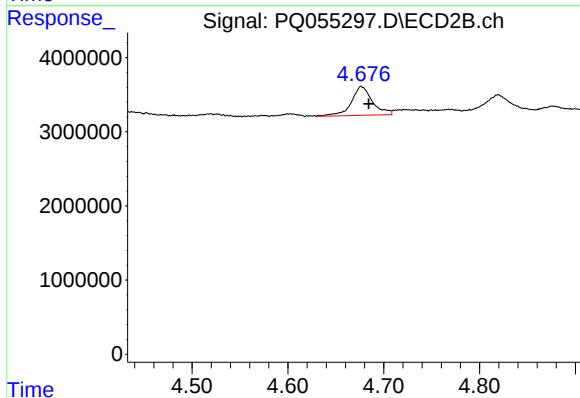
R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 185678
Conc: 1.72 ng/ml



#9 AR-1221-2

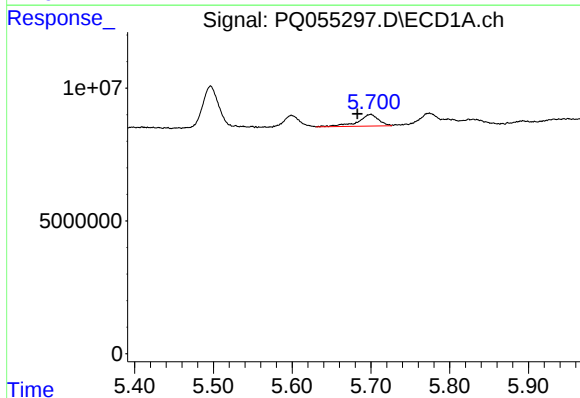
R.T.: 5.599 min
Delta R.T.: 0.004 min
Response: 6122844
Conc: 34.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



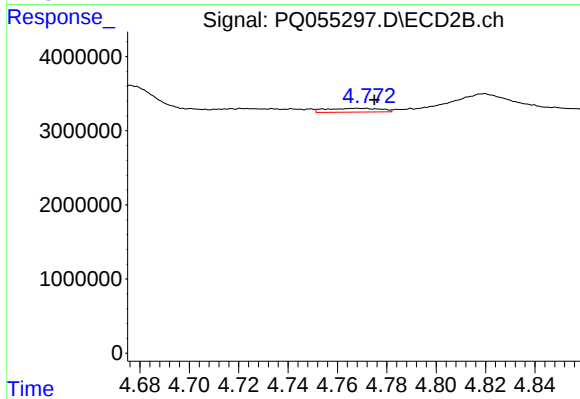
#9 AR-1221-2

R.T.: 4.677 min
Delta R.T.: -0.007 min
Response: 5945954
Conc: 76.73 ng/ml



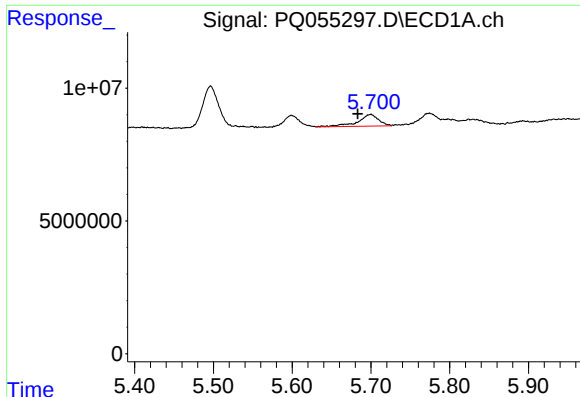
#10 AR-1221-3

R.T.: 5.700 min
Delta R.T.: 0.017 min
Response: 7935103
Conc: 17.64 ng/ml



#10 AR-1221-3

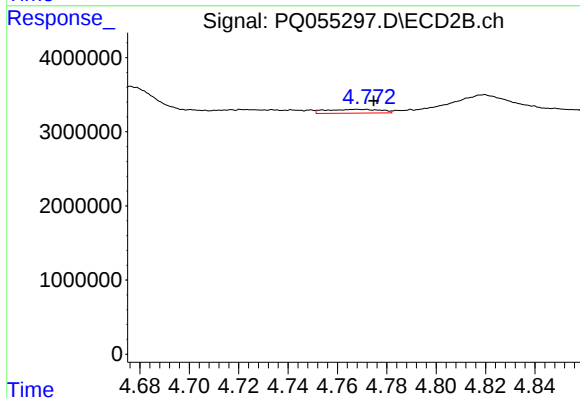
R.T.: 4.768 min
Delta R.T.: -0.007 min
Response: 794543
Conc: 3.09 ng/ml



#11 AR-1232-1

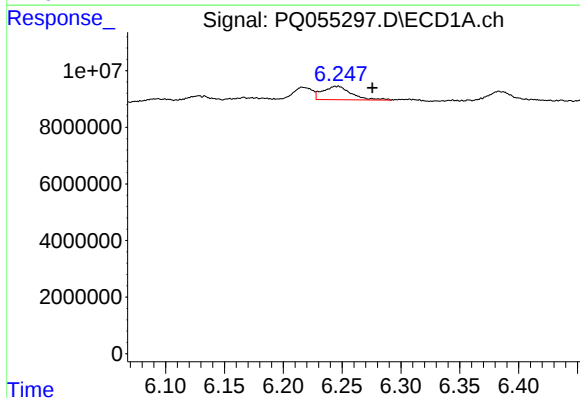
R.T.: 5.700 min
Delta R.T.: 0.016 min
Response: 7935103
Conc: 20.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



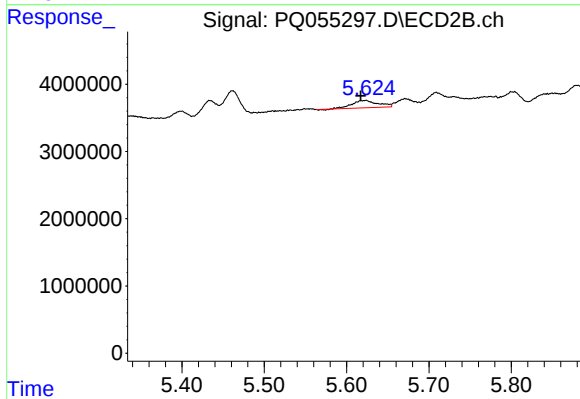
#11 AR-1232-1

R.T.: 4.768 min
Delta R.T.: -0.007 min
Response: 794543
Conc: 3.66 ng/ml



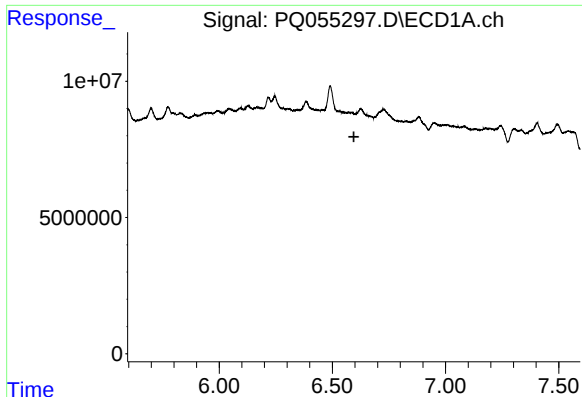
#12 AR-1232-2

R.T.: 6.246 min
Delta R.T.: -0.030 min
Response: 8026465
Conc: 40.20 ng/ml



#12 AR-1232-2

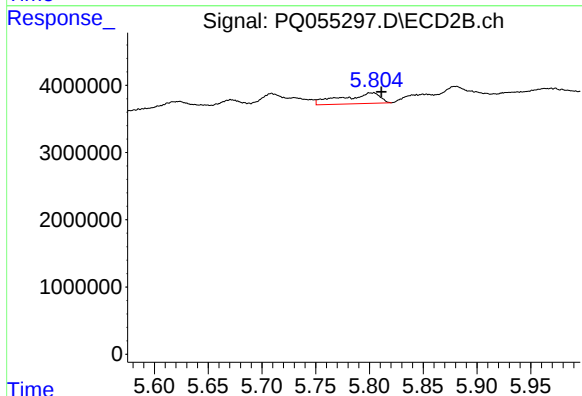
R.T.: 5.623 min
Delta R.T.: 0.006 min
Response: 2396023
Conc: 11.37 ng/ml



#13 AR-1232-3

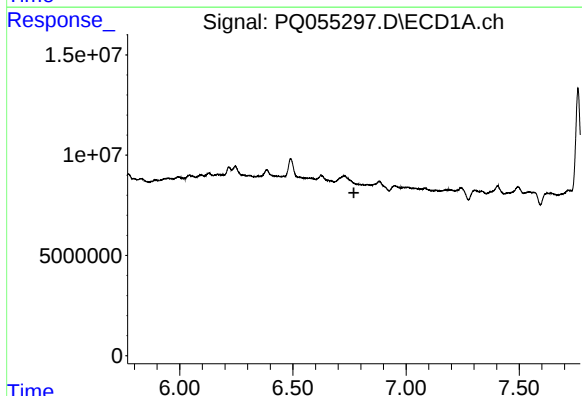
R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



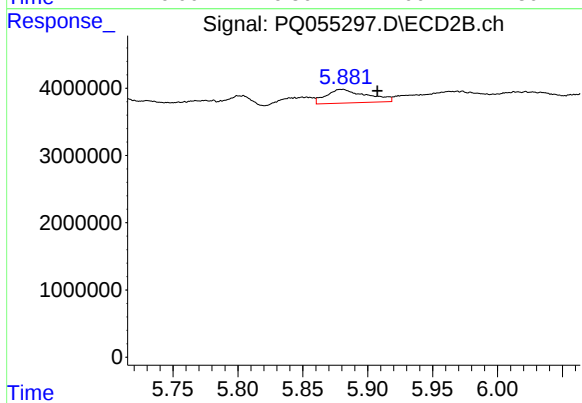
#13 AR-1232-3

R.T.: 5.801 min
Delta R.T.: -0.010 min
Response: 3934014
Conc: 35.84 ng/ml



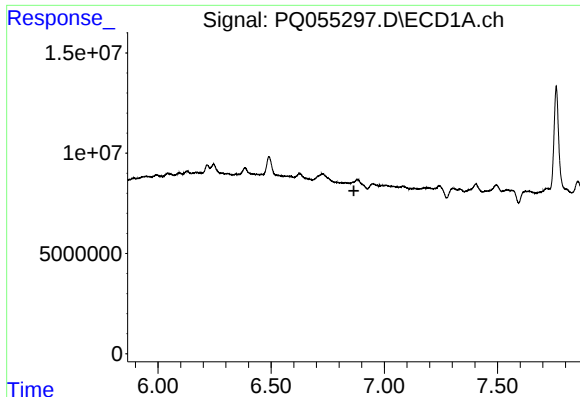
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.769 min
Response: 0
Conc: N.D.



#14 AR-1232-4

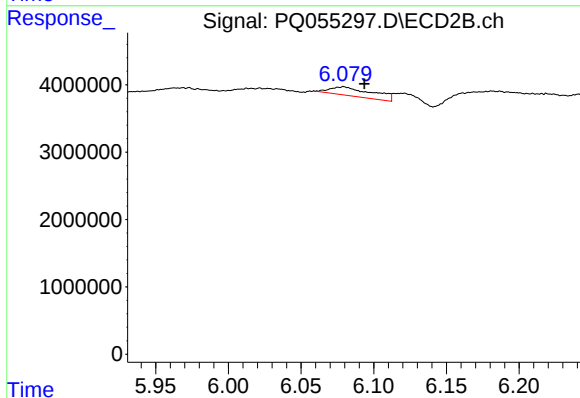
R.T.: 5.880 min
Delta R.T.: -0.028 min
Response: 4416345
Conc: 45.49 ng/ml



#15 AR-1232-5

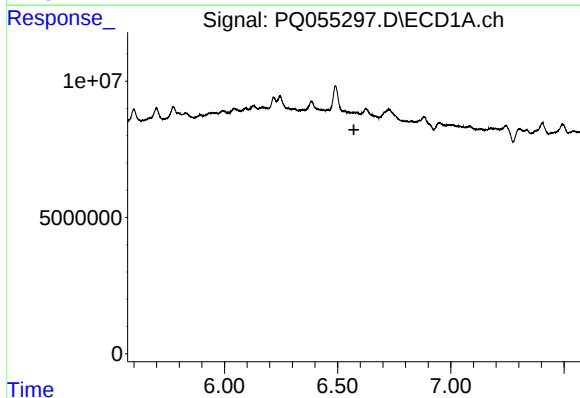
R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



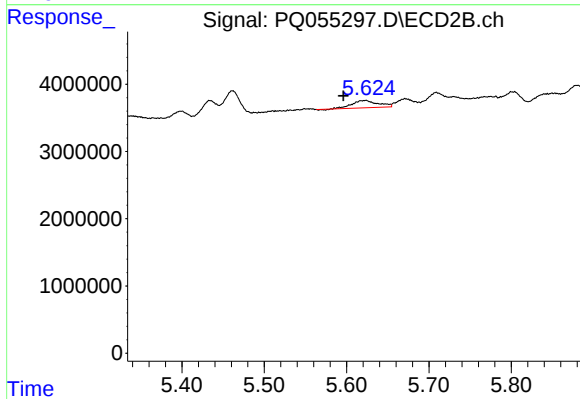
#15 AR-1232-5

R.T.: 6.079 min
Delta R.T.: -0.014 min
Response: 2646657
Conc: 25.68 ng/ml



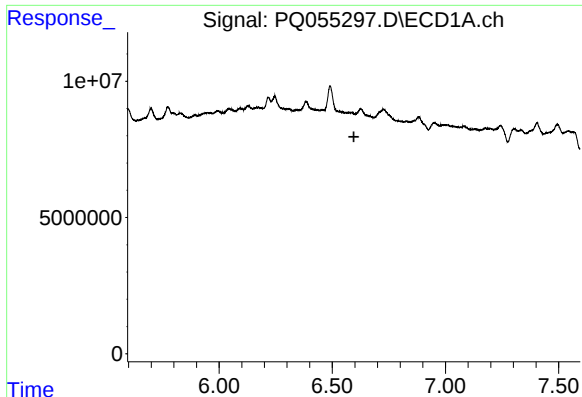
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.



#16 AR-1242-1

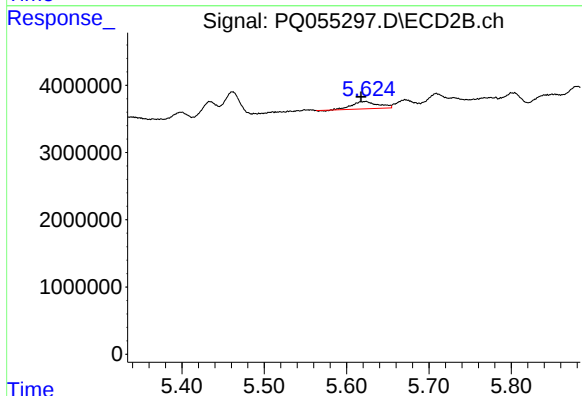
R.T.: 5.623 min
Delta R.T.: 0.027 min
Response: 2396023
Conc: 8.99 ng/ml



#17 AR-1242-2

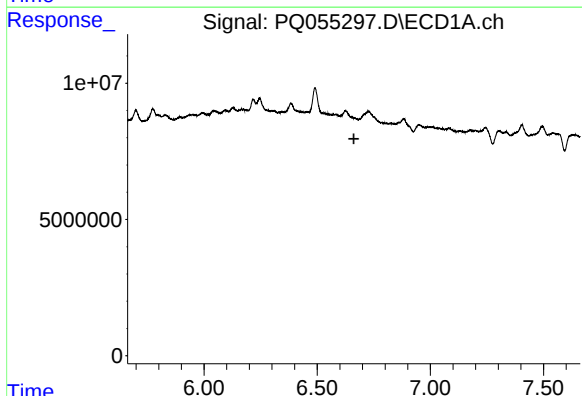
R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



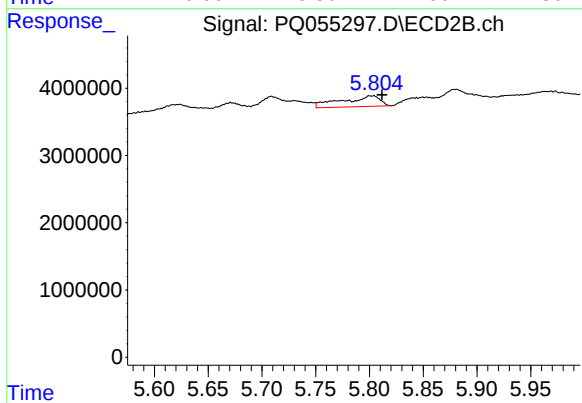
#17 AR-1242-2

R.T.: 5.623 min
Delta R.T.: 0.005 min
Response: 2396023
Conc: 6.19 ng/ml



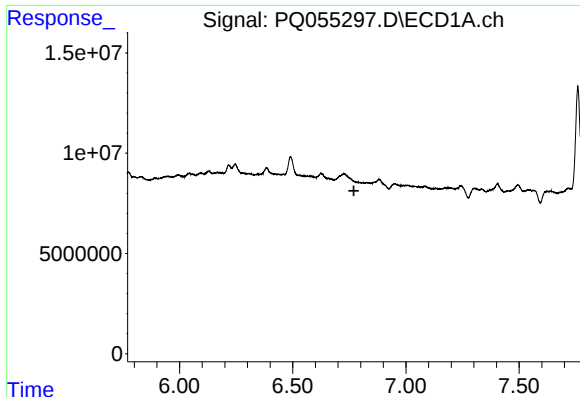
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.



#18 AR-1242-3

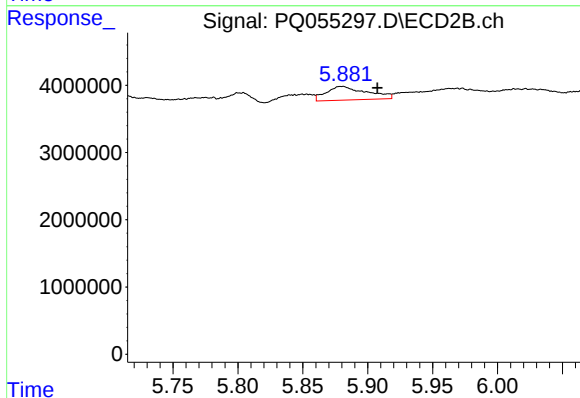
R.T.: 5.801 min
Delta R.T.: -0.010 min
Response: 3934014
Conc: 19.51 ng/ml



#19 AR-1242-4

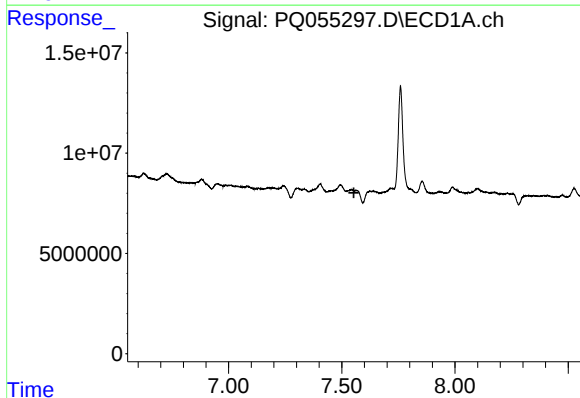
R.T.: 0.000 min
Exp R.T.: 6.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



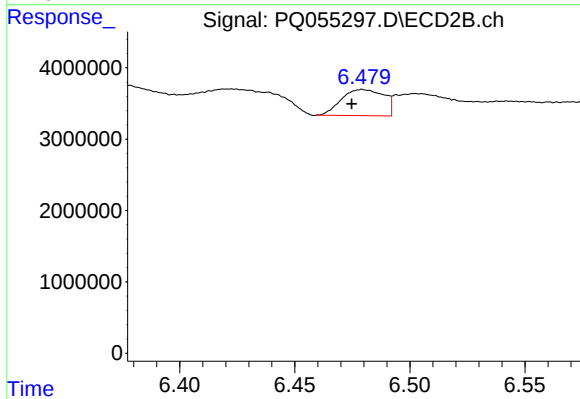
#19 AR-1242-4

R.T.: 5.880 min
Delta R.T.: -0.028 min
Response: 4416345
Conc: 22.56 ng/ml



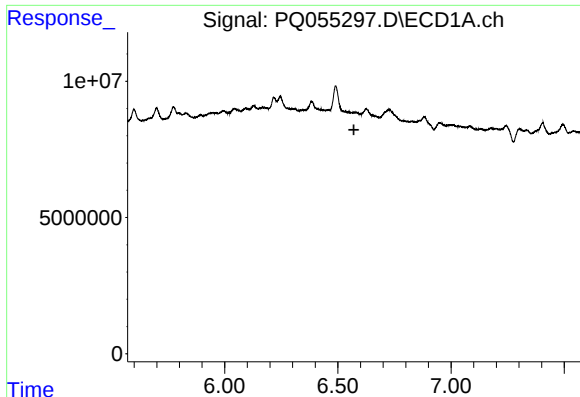
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.



#20 AR-1242-5

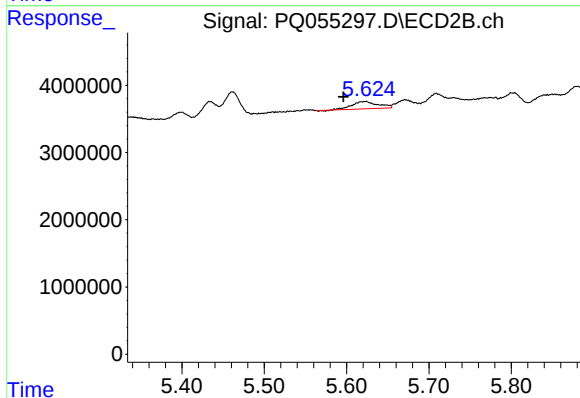
R.T.: 6.479 min
Delta R.T.: 0.005 min
Response: 4687464
Conc: 18.59 ng/ml



#21 AR-1248-1

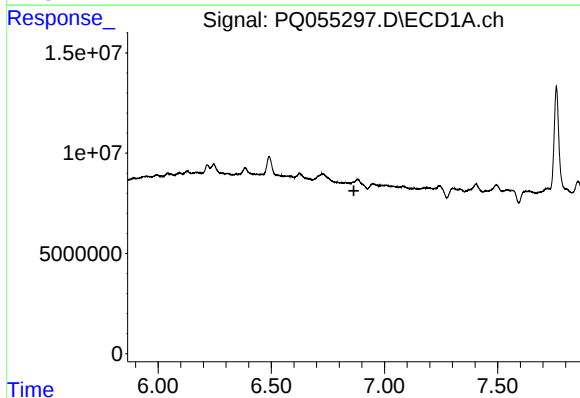
R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



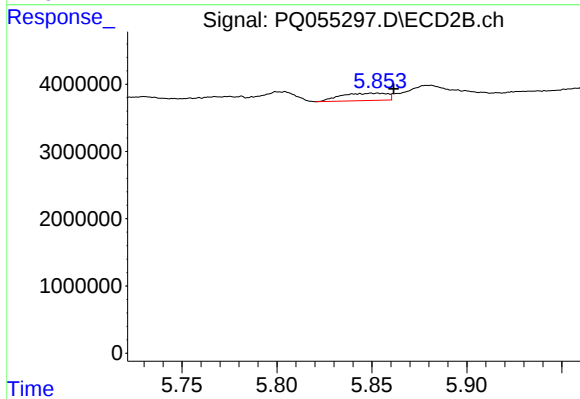
#21 AR-1248-1

R.T.: 5.623 min
Delta R.T.: 0.027 min
Response: 2396023
Conc: 11.97 ng/ml



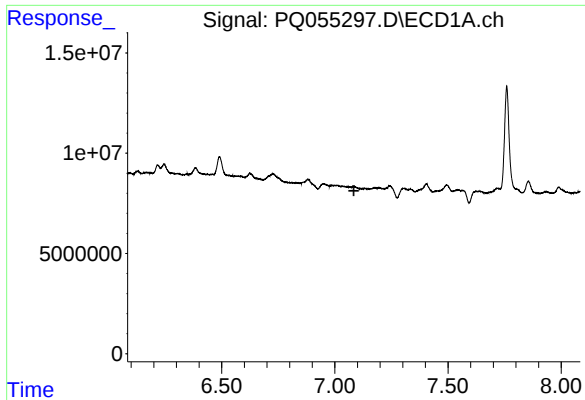
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.



#22 AR-1248-2

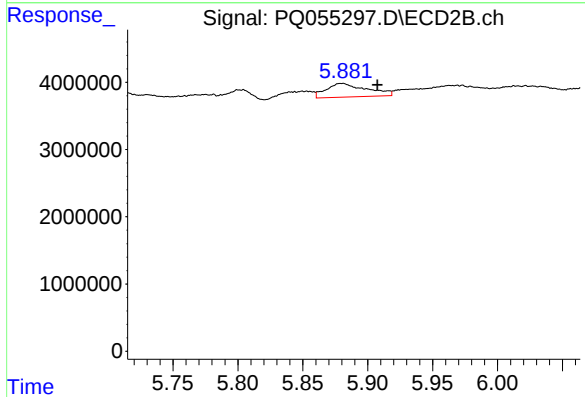
R.T.: 5.853 min
Delta R.T.: -0.008 min
Response: 1863241
Conc: 6.63 ng/ml



#23 AR-1248-3

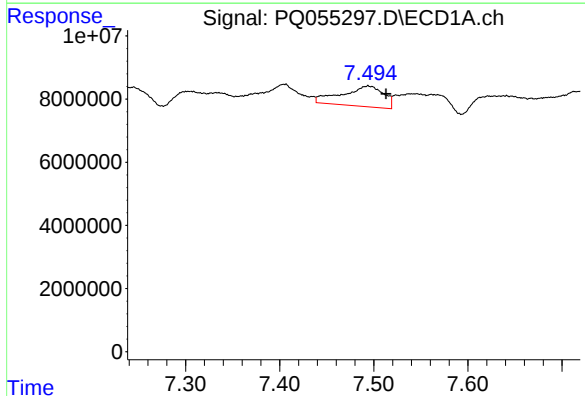
R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



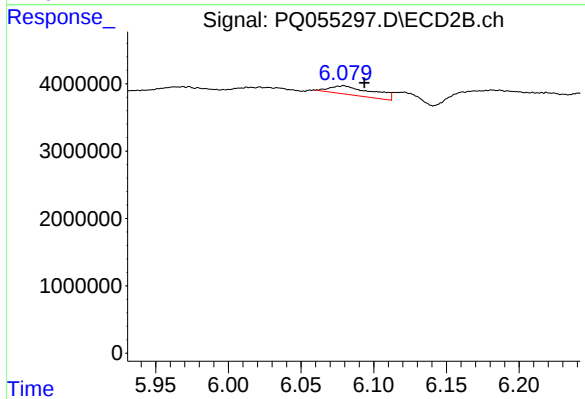
#23 AR-1248-3

R.T.: 5.880 min
Delta R.T.: -0.027 min
Response: 4416345
Conc: 15.10 ng/ml



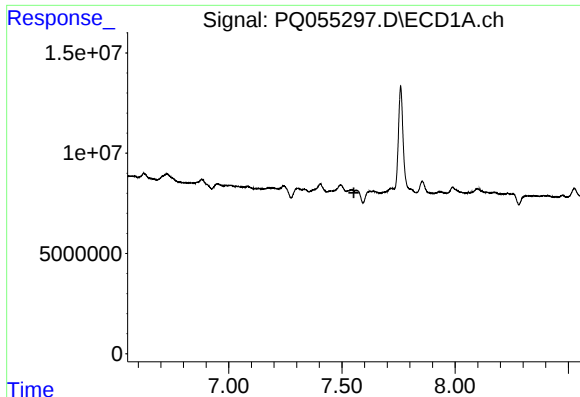
#24 AR-1248-4

R.T.: 7.494 min
Delta R.T.: -0.019 min
Response: 20059452
Conc: 33.06 ng/ml



#24 AR-1248-4

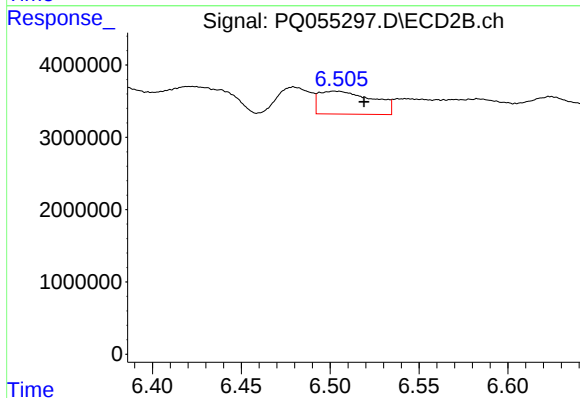
R.T.: 6.079 min
Delta R.T.: -0.014 min
Response: 2646657
Conc: 7.60 ng/ml



#25 AR-1248-5

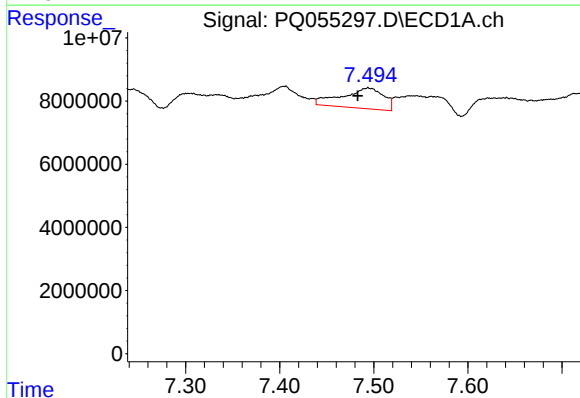
R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



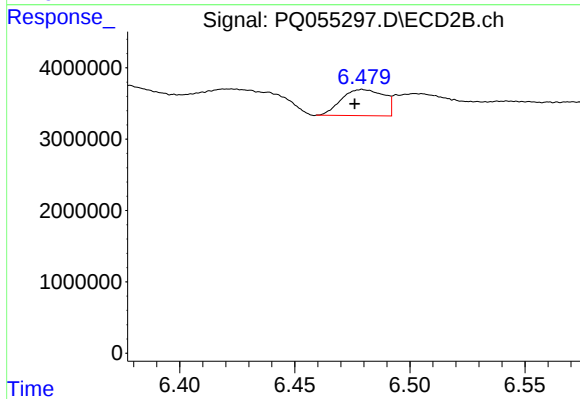
#25 AR-1248-5

R.T.: 6.503 min
Delta R.T.: -0.016 min
Response: 6698760
Conc: 19.25 ng/ml



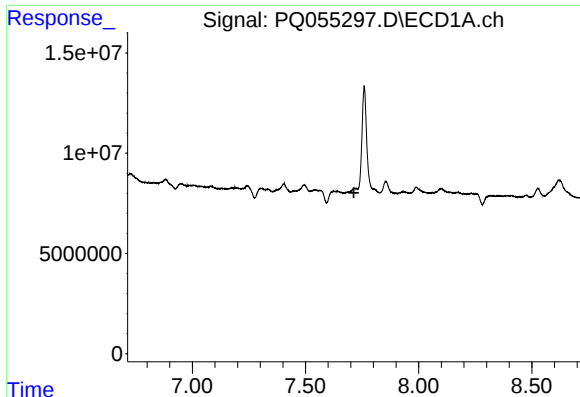
#26 AR-1254-1

R.T.: 7.494 min
Delta R.T.: 0.011 min
Response: 20059452
Conc: 34.17 ng/ml



#26 AR-1254-1

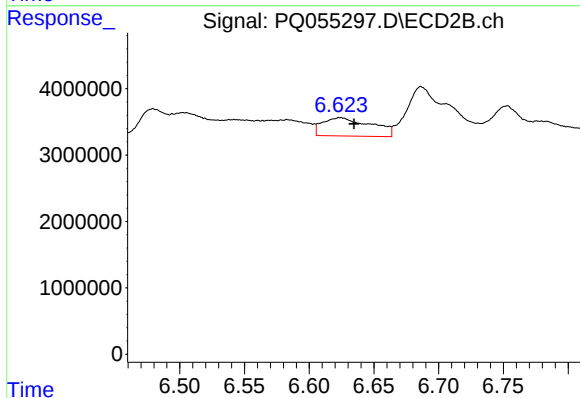
R.T.: 6.479 min
Delta R.T.: 0.003 min
Response: 4687464
Conc: 8.47 ng/ml



#27 AR-1254-2

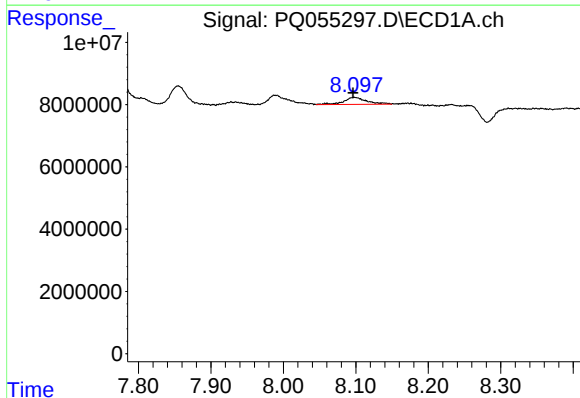
R.T.: 0.000 min
Exp R.T.: 7.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



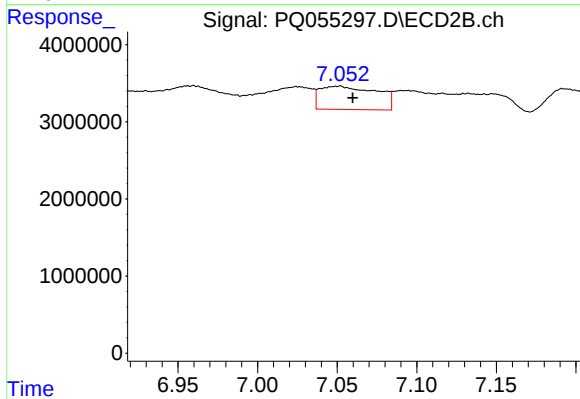
#27 AR-1254-2

R.T.: 6.624 min
Delta R.T.: -0.011 min
Response: 7242654
Conc: 15.30 ng/ml



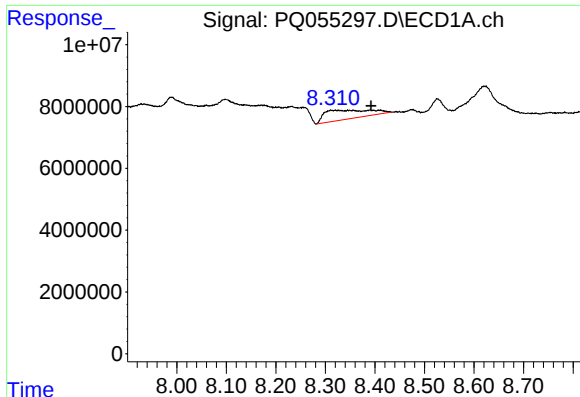
#28 AR-1254-3

R.T.: 8.098 min
Delta R.T.: 0.002 min
Response: 4922112
Conc: 4.84 ng/ml



#28 AR-1254-3

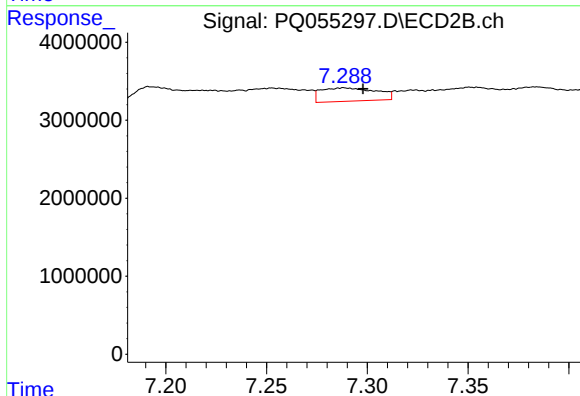
R.T.: 7.051 min
Delta R.T.: -0.008 min
Response: 7546710
Conc: 9.61 ng/ml



#29 AR-1254-4

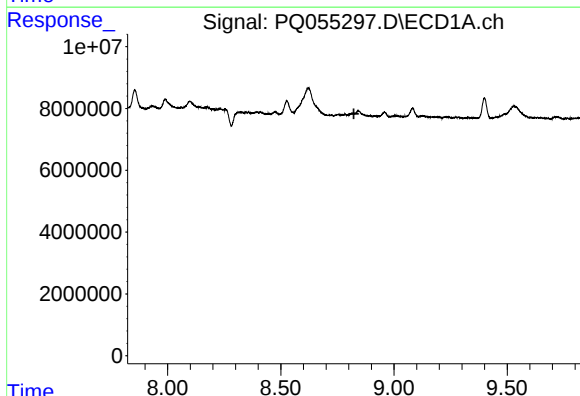
R.T.: 8.391 min
Delta R.T.: -0.002 min
Response: 18976643
Conc: 25.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



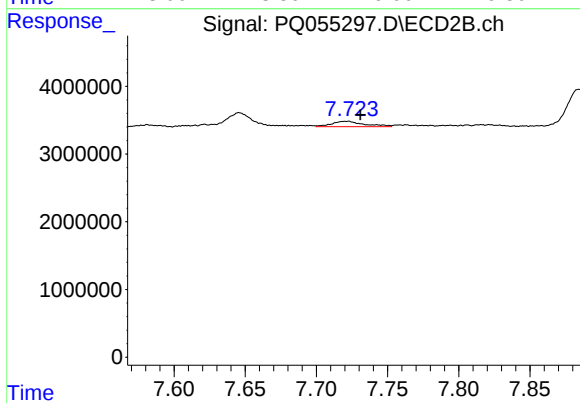
#29 AR-1254-4

R.T.: 7.288 min
Delta R.T.: -0.010 min
Response: 3233977
Conc: 6.78 ng/ml



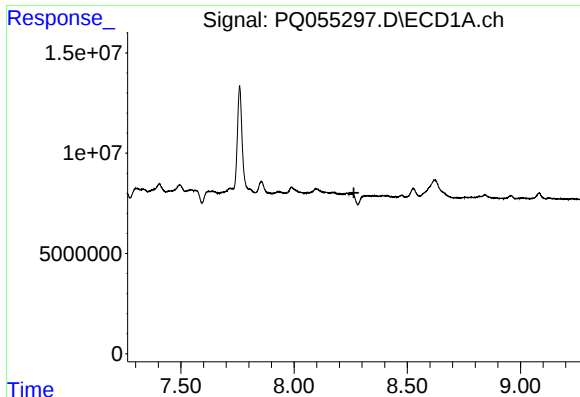
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.823 min
Response: 0
Conc: N.D.



#30 AR-1254-5

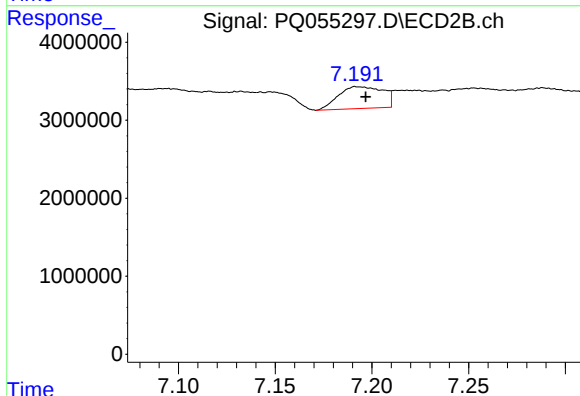
R.T.: 7.722 min
Delta R.T.: -0.009 min
Response: 1258756
Conc: 1.88 ng/ml



#31 AR-1260-1

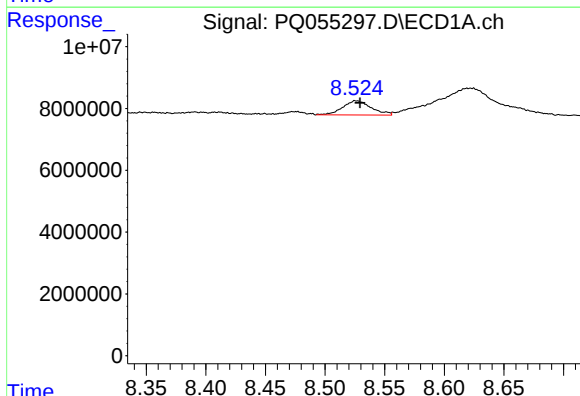
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



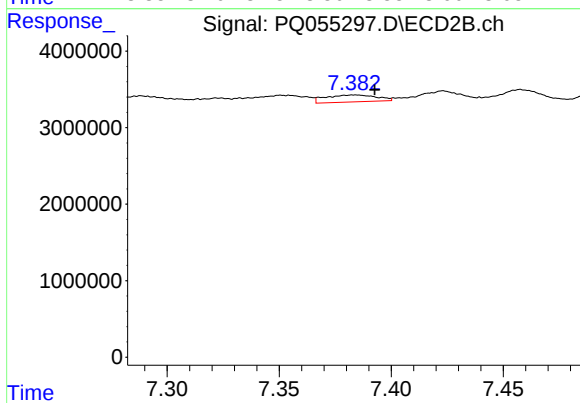
#31 AR-1260-1

R.T.: 7.192 min
Delta R.T.: -0.005 min
Response: 4495340
Conc: 8.97 ng/ml



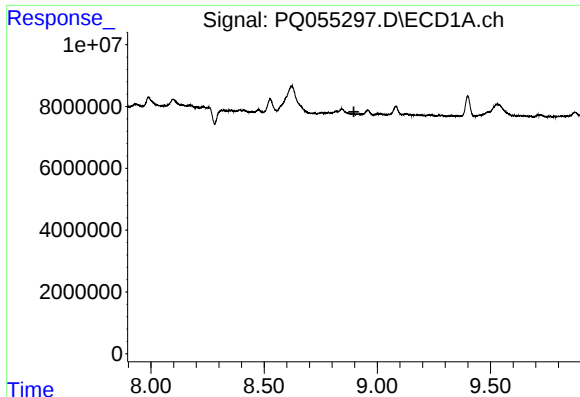
#32 AR-1260-2

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 7588410
Conc: 9.14 ng/ml



#32 AR-1260-2

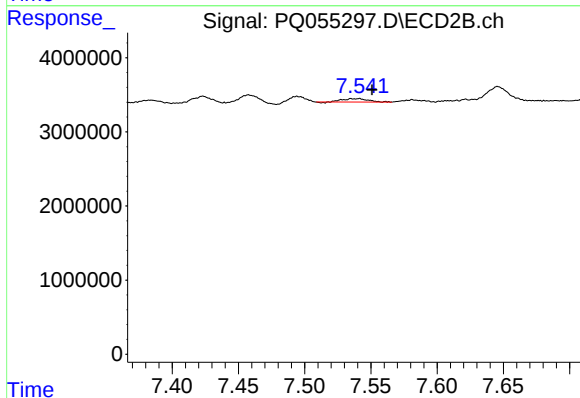
R.T.: 7.384 min
Delta R.T.: -0.009 min
Response: 1451764
Conc: 2.40 ng/ml



#33 AR-1260-3

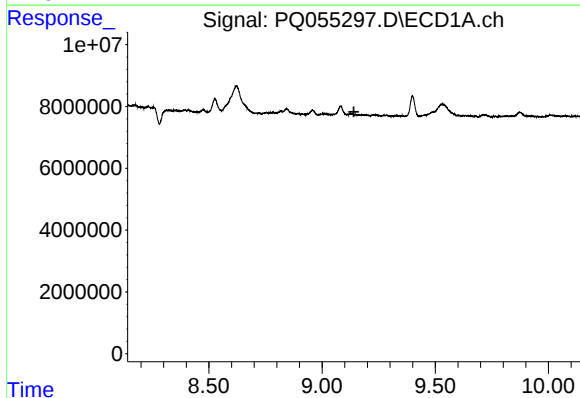
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



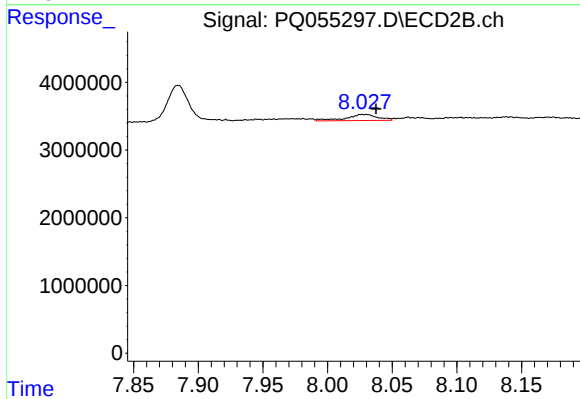
#33 AR-1260-3

R.T.: 7.541 min
Delta R.T.: -0.010 min
Response: 609716
Conc: 1.07 ng/ml



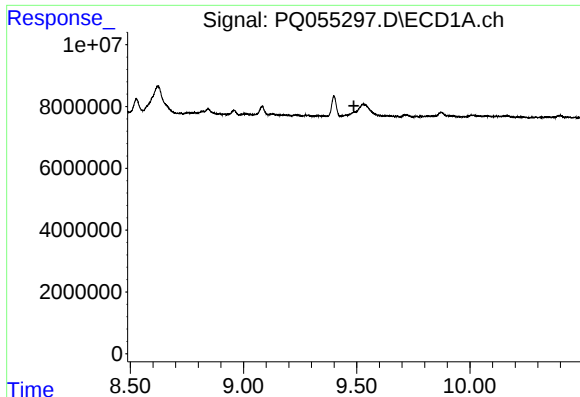
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.140 min
Response: 0
Conc: N.D.



#34 AR-1260-4

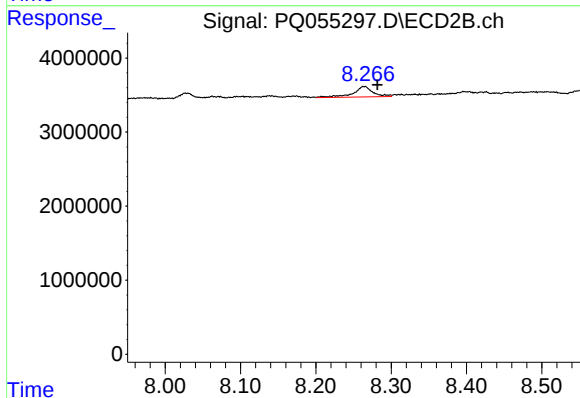
R.T.: 8.027 min
Delta R.T.: -0.010 min
Response: 1502947
Conc: 3.17 ng/ml



#35 AR-1260-5

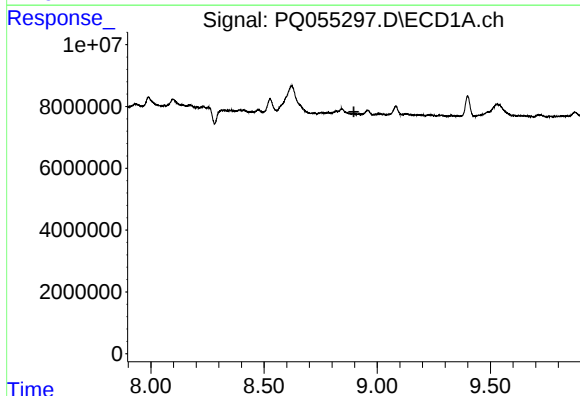
R.T.: 0.000 min
Exp R.T. : 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



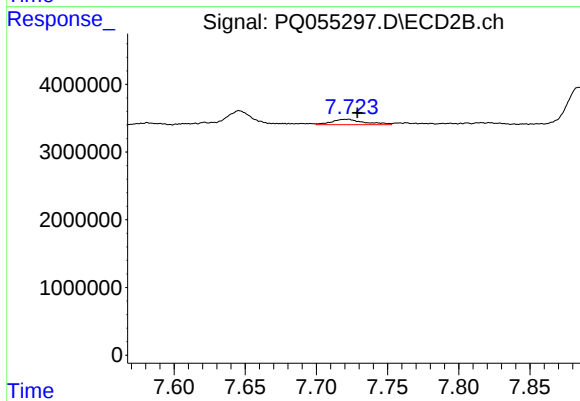
#35 AR-1260-5

R.T.: 8.264 min
Delta R.T.: -0.017 min
Response: 2578771
Conc: 2.23 ng/ml



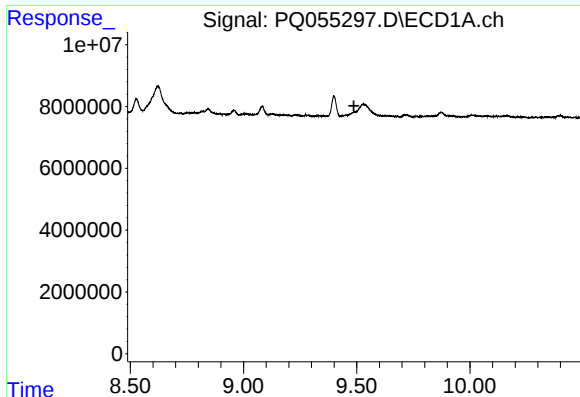
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.897 min
Response: 0
Conc: N.D.



#36 AR-1262-1

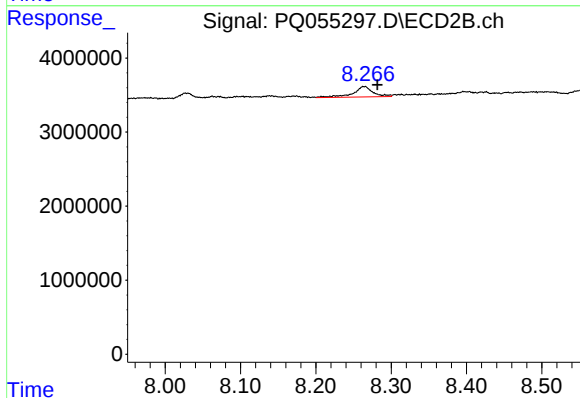
R.T.: 7.722 min
Delta R.T.: -0.007 min
Response: 1258756
Conc: 3.70 ng/ml



#37 AR-1262-2

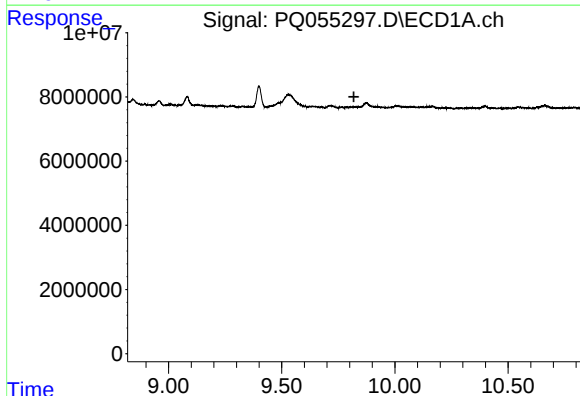
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



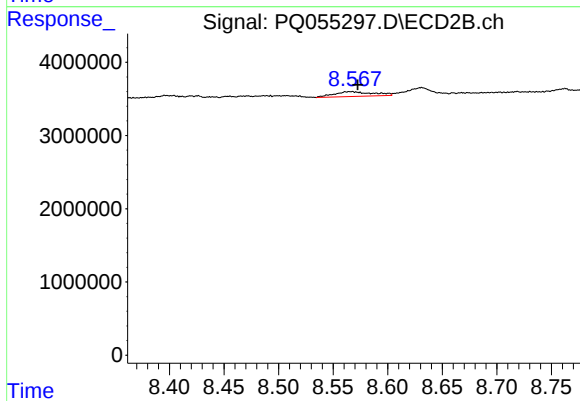
#37 AR-1262-2

R.T.: 8.264 min
Delta R.T.: -0.018 min
Response: 2578771
Conc: 2.09 ng/ml



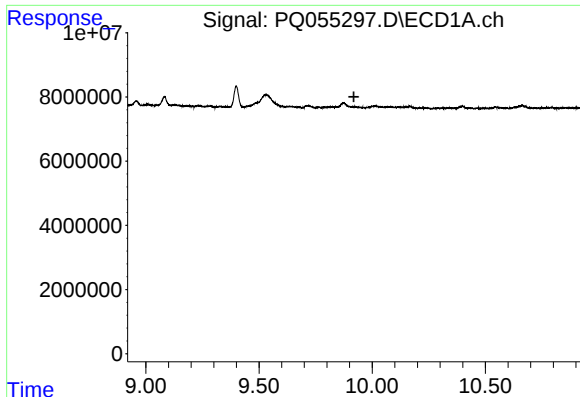
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.



#38 AR-1262-3

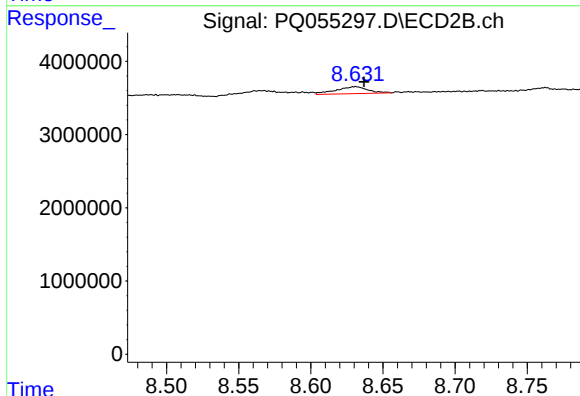
R.T.: 8.566 min
Delta R.T.: -0.006 min
Response: 1644735
Conc: 3.56 ng/ml



#39 AR-1262-4

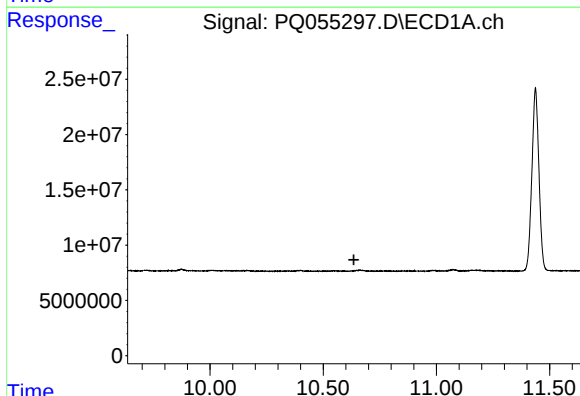
R.T.: 0.000 min
Exp R.T.: 9.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



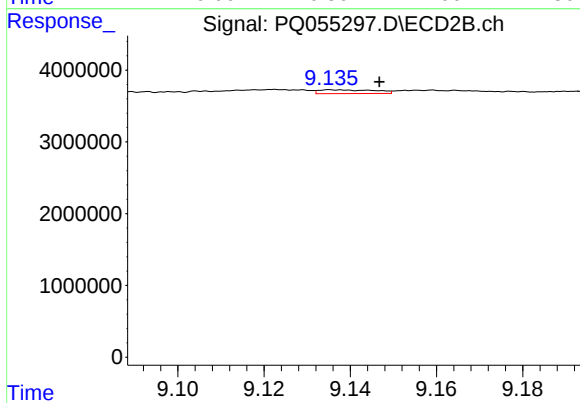
#39 AR-1262-4

R.T.: 8.631 min
Delta R.T.: -0.006 min
Response: 1488280
Conc: 1.67 ng/ml



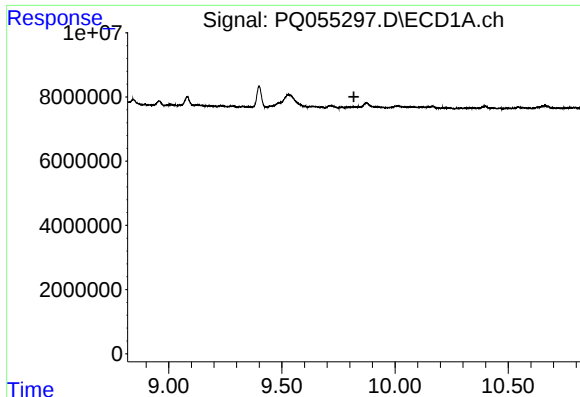
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.



#40 AR-1262-5

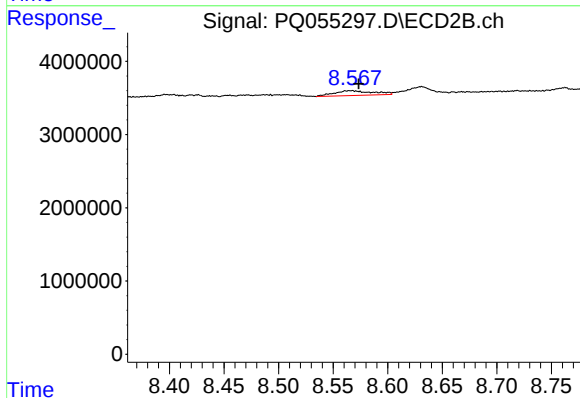
R.T.: 9.136 min
Delta R.T.: -0.011 min
Response: 474013
Conc: 1.18 ng/ml



#41 AR-1268-1

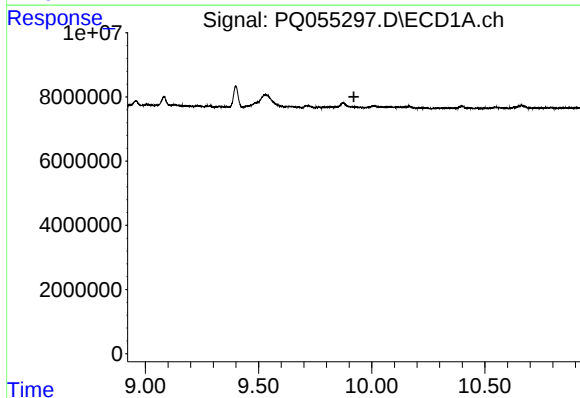
R.T.: 0.000 min
Exp R.T.: 9.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



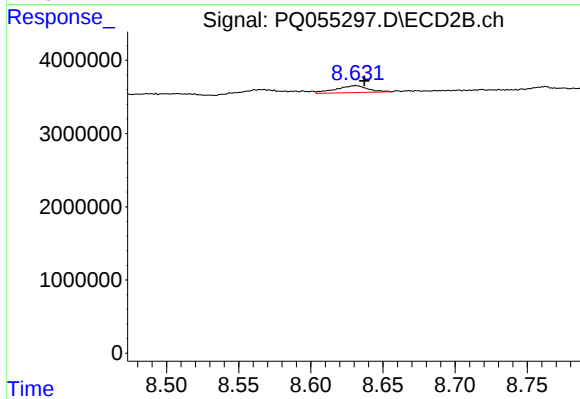
#41 AR-1268-1

R.T.: 8.566 min
Delta R.T.: -0.007 min
Response: 1644735
Conc: 1.16 ng/ml



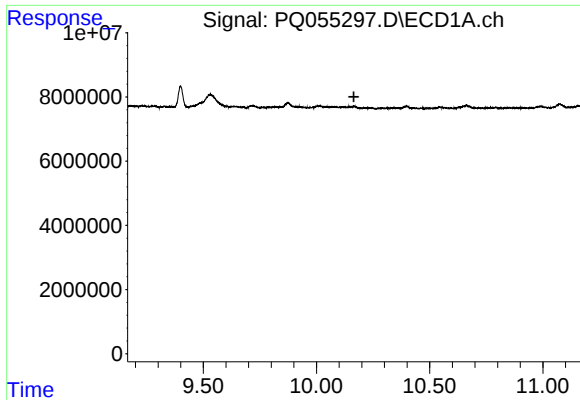
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.921 min
Response: 0
Conc: N.D.



#42 AR-1268-2

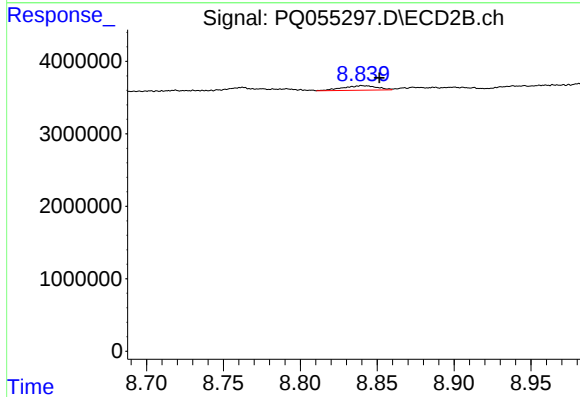
R.T.: 8.631 min
Delta R.T.: -0.006 min
Response: 1488280
Conc: 1.14 ng/ml



#43 AR-1268-3

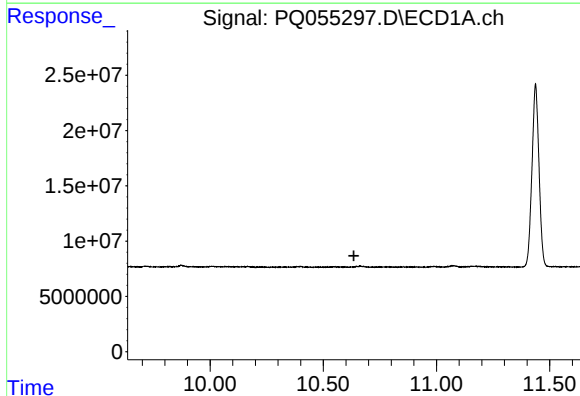
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



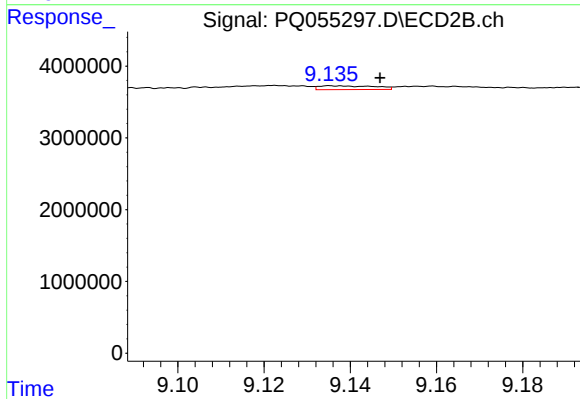
#43 AR-1268-3

R.T.: 8.840 min
Delta R.T.: -0.011 min
Response: 964449
Conc: 0.88 ng/ml



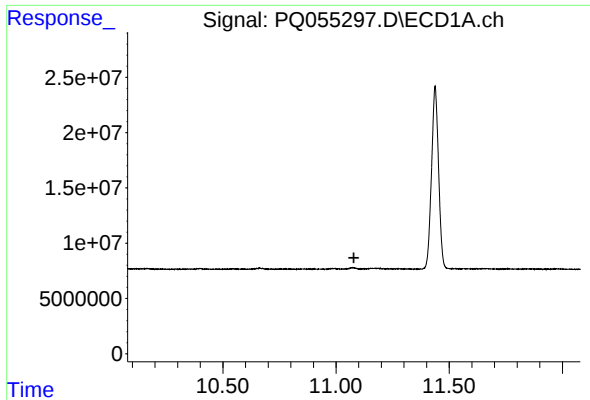
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.



#44 AR-1268-4

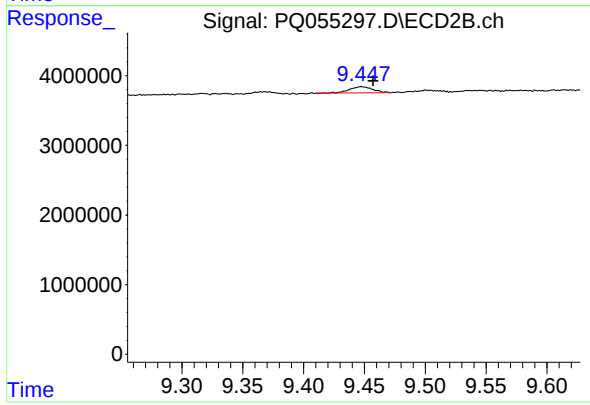
R.T.: 9.136 min
Delta R.T.: -0.011 min
Response: 474013
Conc: 1.05 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.448 min
Delta R.T.: -0.010 min
Response: 1183792
Conc: 0.33 ng/ml