

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055258.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 06:28
 Operator : AJ\MA
 Sample : M4068-09
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 07:10:17 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	4.318	298.0E6	178.5E6	16.949	17.362
2)	SA Decachlor...	11.437	9.724	308.7E6	162.5E6	19.572	18.151
Target Compounds							
3)	L1 AR-1016-1	6.568	5.591	9209389	5057851	15.619	14.108
4)	L1 AR-1016-2	6.592	5.613	13891616	8331572	15.454	16.183
5)	L1 AR-1016-3	6.658	5.806	10532640	4058256	18.757	15.154
6)	L1 AR-1016-4	6.769	5.856	7485304	3802915	15.676	17.531
7)	L1 AR-1016-5	7.081	6.087	6716171	3764178	15.408	13.750
8)	L2 AR-1221-1	5.496	4.573	13240048	560410	63.513	5.196 #
9)	L2 AR-1221-2	5.599	4.677	4561933	2982920	26.071	38.492 #
10)	L2 AR-1221-3	5.680	4.770	6645566	2514046	14.777	9.762 #
11)	L3 AR-1232-1	5.680	4.770	6645566	2514046	17.503	11.568 #
12)	L3 AR-1232-2	6.271	5.613	6841531	8331572	34.263	39.546
13)	L3 AR-1232-3	6.592	5.806	13891616	4058256	36.472	36.977
14)	L3 AR-1232-4	6.769	5.901	7485304	4054113	36.555	41.763
15)	L3 AR-1232-5	6.864	6.087	4735596	3764178	34.058	36.522
16)	L4 AR-1242-1	6.568	5.591	9209389	5057851	21.062	18.986
17)	L4 AR-1242-2	6.592	5.613	13891616	8331572	20.689	21.510
18)	L4 AR-1242-3	6.658	5.806	10532640	4058256	24.902	20.125
19)	L4 AR-1242-4	6.769	5.901	7485304	4054113	21.001	20.709
20)	L4 AR-1242-5	7.550	6.469	8163636	6508452	22.350	25.812
21)	L5 AR-1248-1	6.568	5.591	9209389	5057851	27.079	25.270
22)	L5 AR-1248-2	6.864	5.856	4735596	3802915	10.333	13.525 #
23)	L5 AR-1248-3	7.081	5.901	6716171	4054113	12.453	13.857
24)	L5 AR-1248-4	7.509	6.087	7513445	3764178	12.382	10.813
25)	L5 AR-1248-5	7.550	6.512	8163636	5772555	13.339	16.589
26)	L6 AR-1254-1	7.480	6.469	6944572	6508452	11.830	11.767
27)	L6 AR-1254-2	7.717	6.629	9509952	5176895	10.493	10.940
28)	L6 AR-1254-3	0.000	7.054	0	8661548	N.D.	11.032 #
29)	L6 AR-1254-4	0.000	7.293	0	6391009	N.D.	13.394 #
30)	L6 AR-1254-5	0.000	7.725	0	396901	N.D.	0.593 #
31)	L7 AR-1260-1	0.000	7.203	0	5263213	N.D.	10.500 #
32)	L7 AR-1260-2	8.535	7.393	6076113	2335422	7.322	3.862 #
33)	L7 AR-1260-3	0.000	7.535f	0	1398527	N.D.	2.449 #
34)	L7 AR-1260-4	0.000	8.042	0	117246	N.D.	0.247 #
35)	L7 AR-1260-5	0.000	8.276	0	196083	N.D.	0.170 #
36)	L8 AR-1262-1	0.000	7.725	0	396901	N.D.	1.167 #
37)	L8 AR-1262-2	0.000	8.276	0	196083	N.D.	0.159 #
38)	L8 AR-1262-3	0.000	8.592f	0	4963515	N.D.	10.739 #
40)	L8 AR-1262-5	0.000	9.154	0	3874713	N.D.	9.649 #
41)	L9 AR-1268-1	0.000	8.592f	0	4963515	N.D.	3.508 #
43)	L9 AR-1268-3	0.000	8.839	0	12800930	N.D.	11.701 #

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 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_Q
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 07:10:17 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
44) L9	AR-1268-4	0.000	9.154	0	3874713	N.D.	8.577 #
45) L9	AR-1268-5	0.000	9.451	0	880591	N.D.	0.249 #

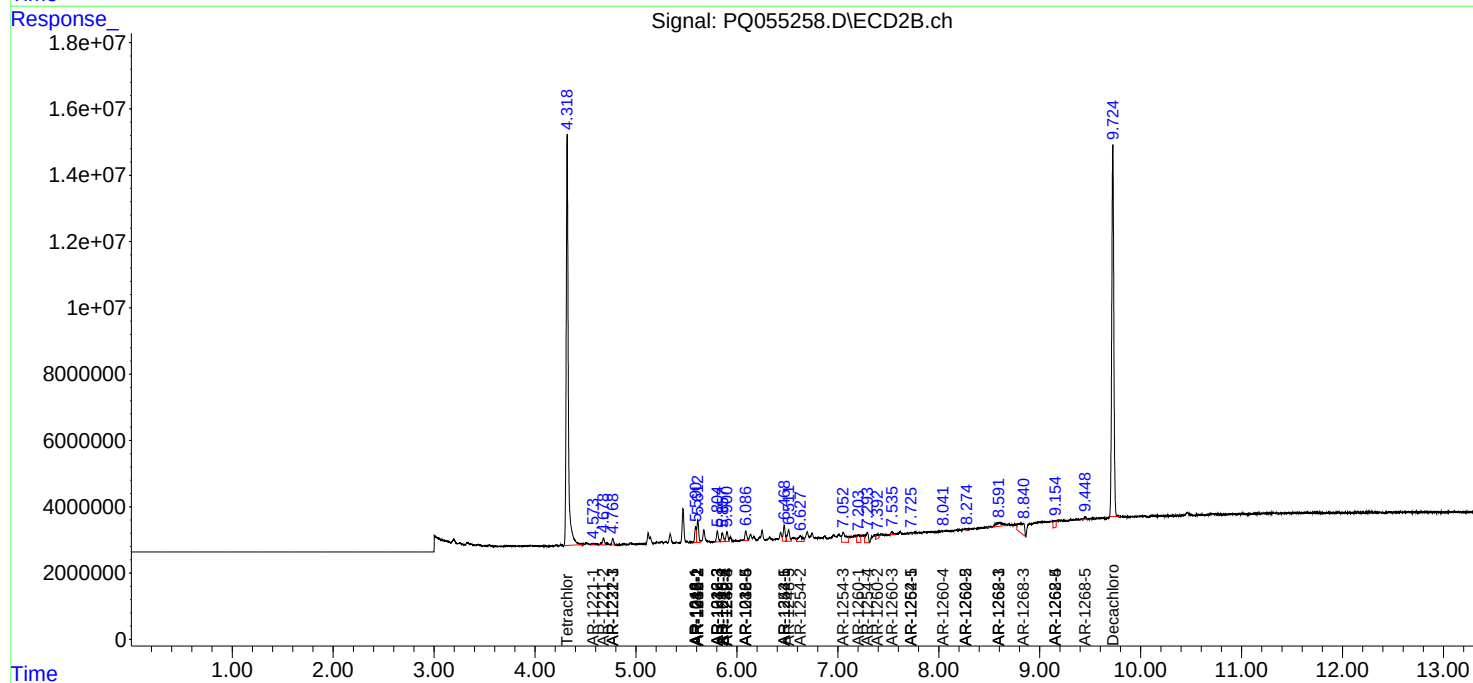
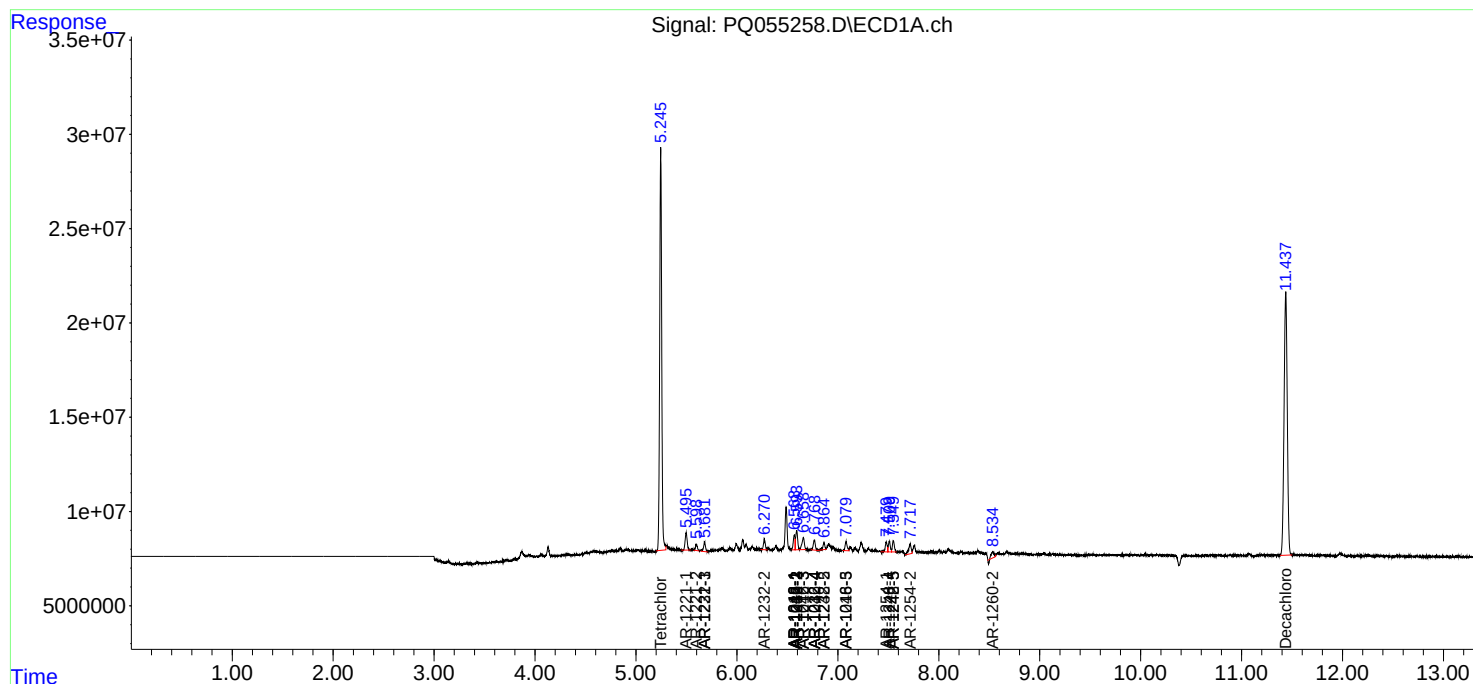
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

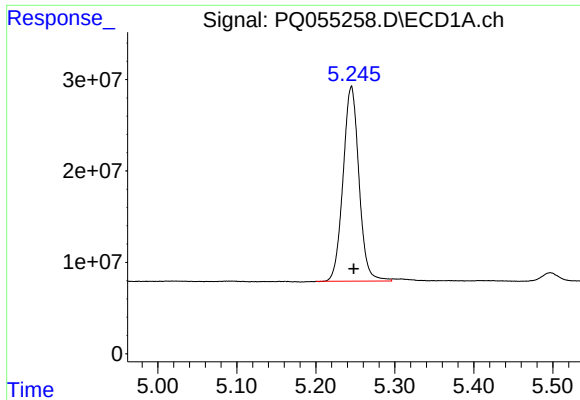
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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QLast Update : Tue Nov 30 02:09:05 2021
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

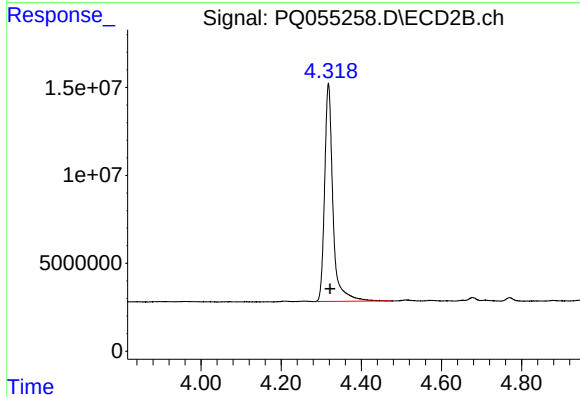




#1 Tetrachloro-m-xylene

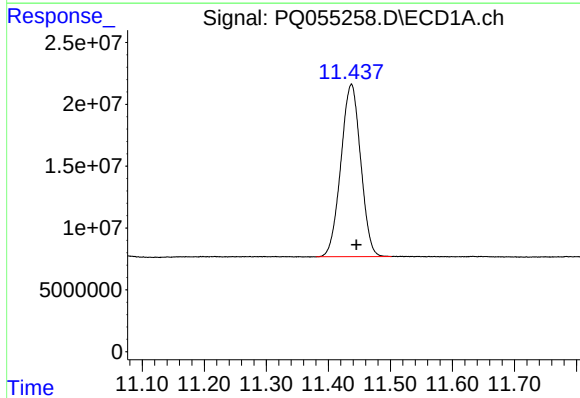
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 297997020
Conc: 16.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



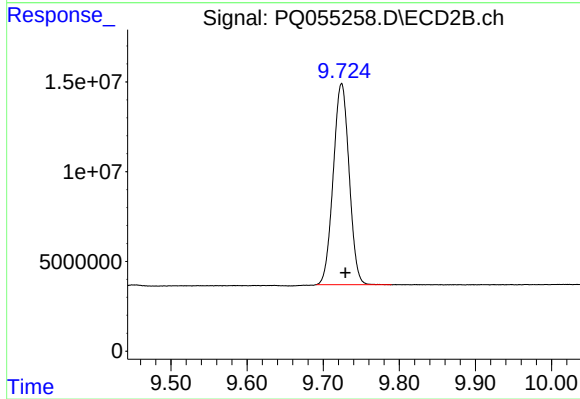
#1 Tetrachloro-m-xylene

R.T.: 4.318 min
Delta R.T.: -0.004 min
Response: 178535212
Conc: 17.36 ng/ml



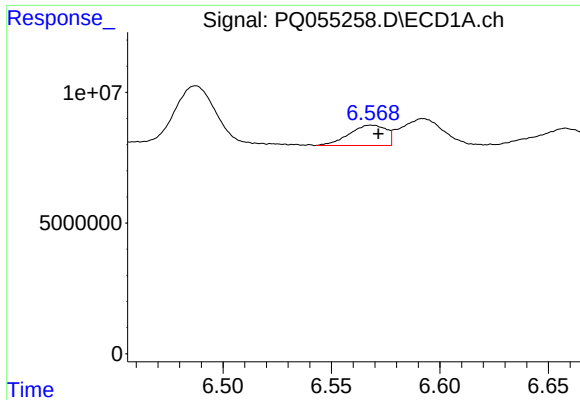
#2 Decachlorobiphenyl

R.T.: 11.437 min
Delta R.T.: -0.008 min
Response: 308700830
Conc: 19.57 ng/ml



#2 Decachlorobiphenyl

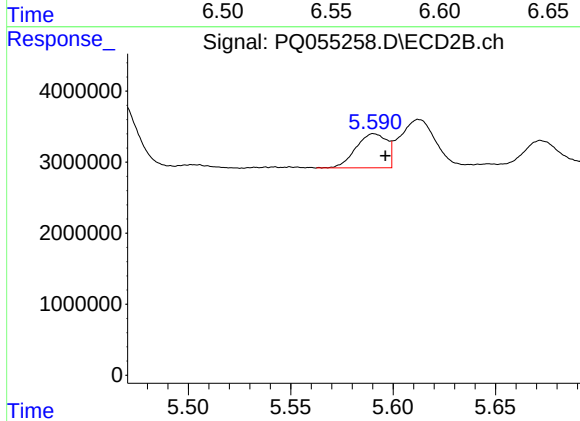
R.T.: 9.724 min
Delta R.T.: -0.005 min
Response: 162522611
Conc: 18.15 ng/ml



#3 AR-1016-1

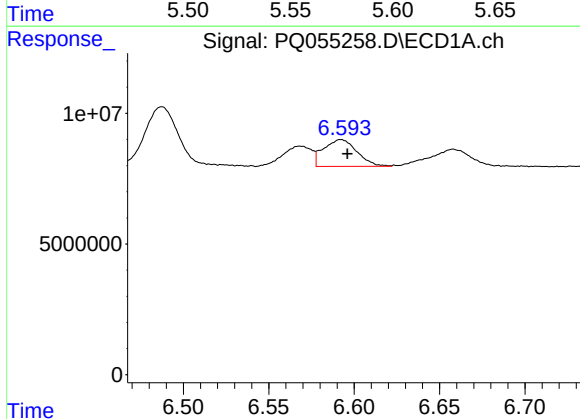
R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 9209389
Conc: 15.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



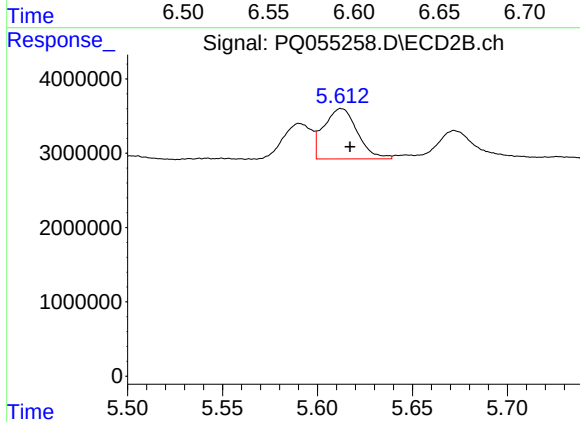
#3 AR-1016-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 5057851
Conc: 14.11 ng/ml



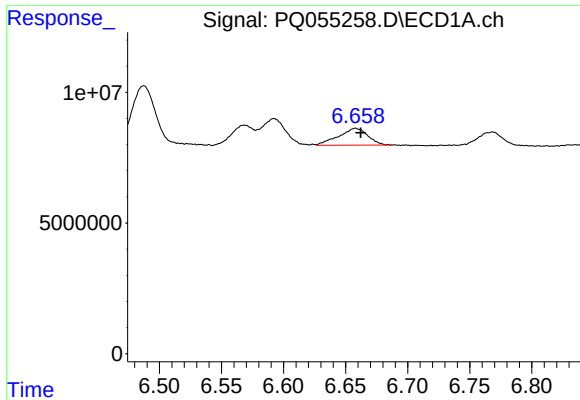
#4 AR-1016-2

R.T.: 6.592 min
Delta R.T.: -0.004 min
Response: 13891616
Conc: 15.45 ng/ml



#4 AR-1016-2

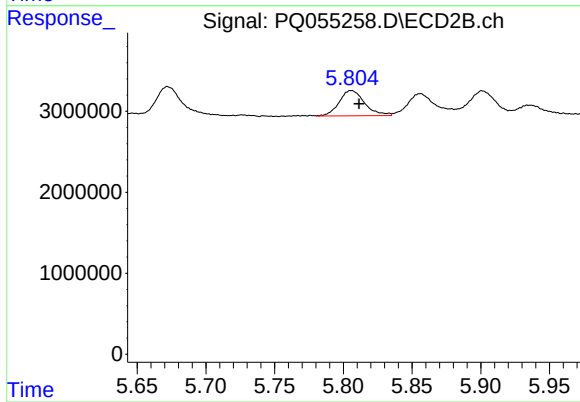
R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 8331572
Conc: 16.18 ng/ml



#5 AR-1016-3

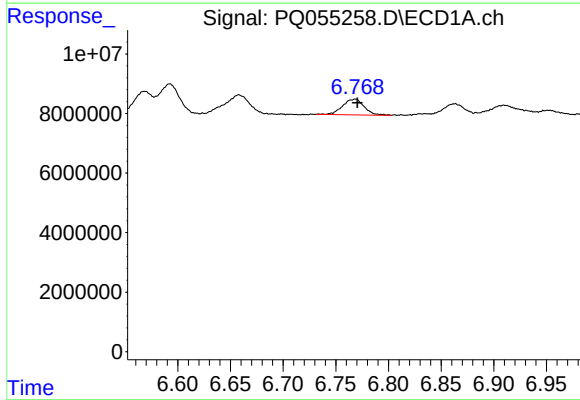
R.T.: 6.658 min
Delta R.T.: -0.004 min
Response: 10532640
Conc: 18.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



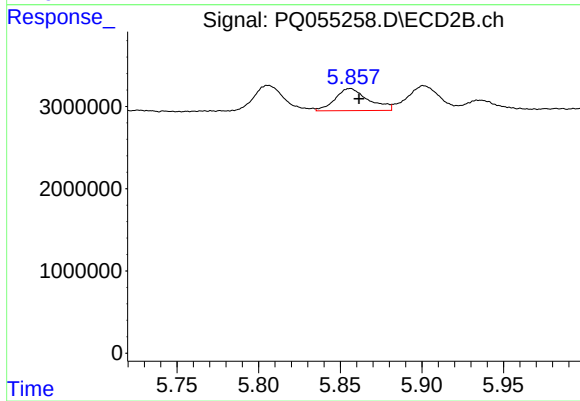
#5 AR-1016-3

R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 4058256
Conc: 15.15 ng/ml



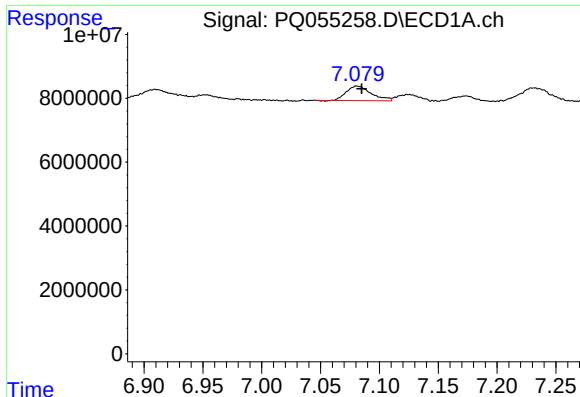
#6 AR-1016-4

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 7485304
Conc: 15.68 ng/ml



#6 AR-1016-4

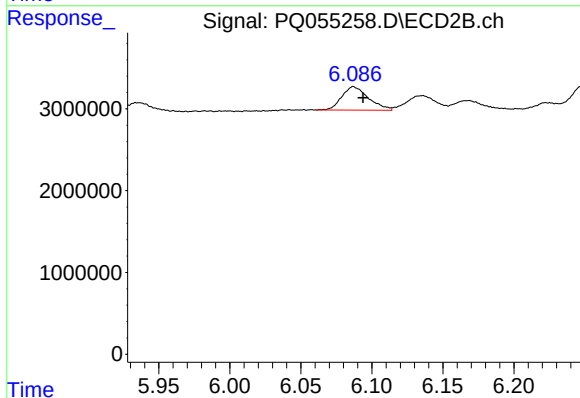
R.T.: 5.856 min
Delta R.T.: -0.006 min
Response: 3802915
Conc: 17.53 ng/ml



#7 AR-1016-5

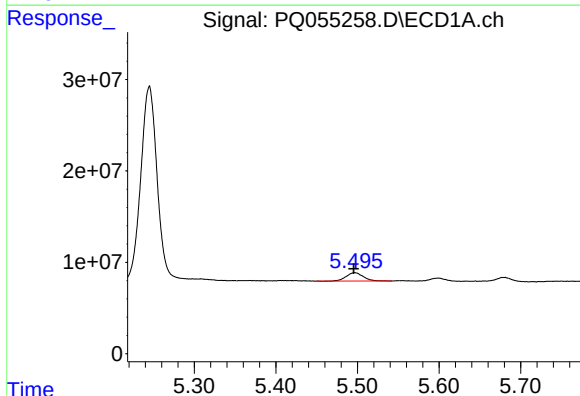
R.T.: 7.081 min
Delta R.T.: -0.004 min
Response: 6716171
Conc: 15.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



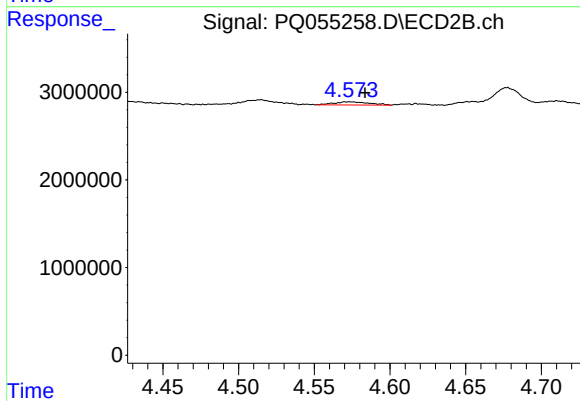
#7 AR-1016-5

R.T.: 6.087 min
Delta R.T.: -0.007 min
Response: 3764178
Conc: 13.75 ng/ml



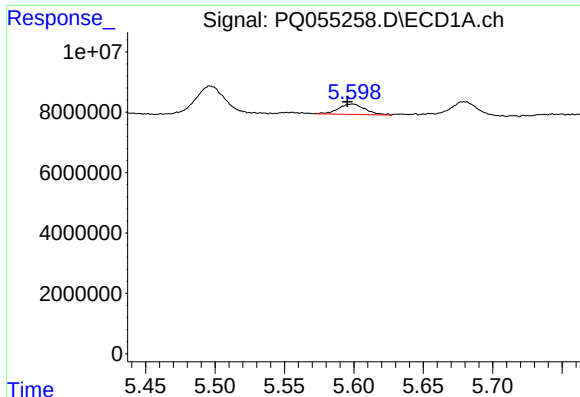
#8 AR-1221-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 13240048
Conc: 63.51 ng/ml



#8 AR-1221-1

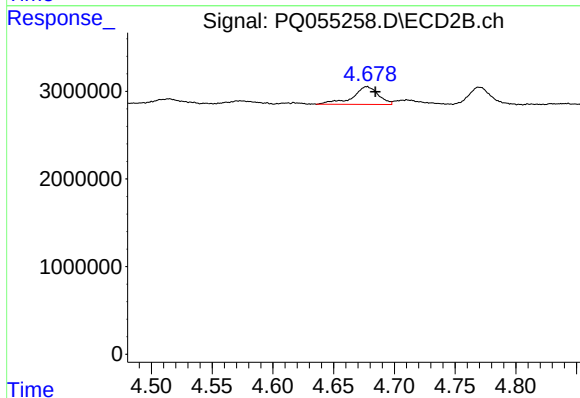
R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 560410
Conc: 5.20 ng/ml



#9 AR-1221-2

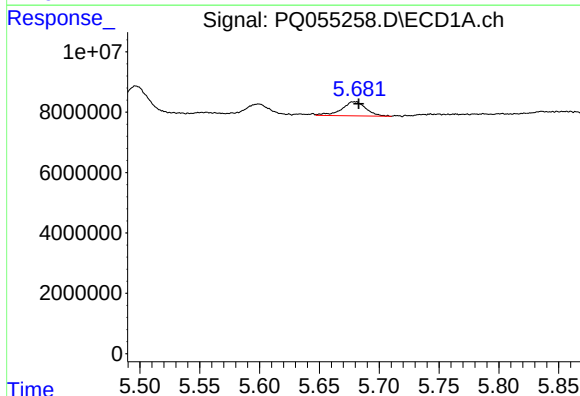
R.T.: 5.599 min
Delta R.T.: 0.004 min
Response: 4561933
Conc: 26.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



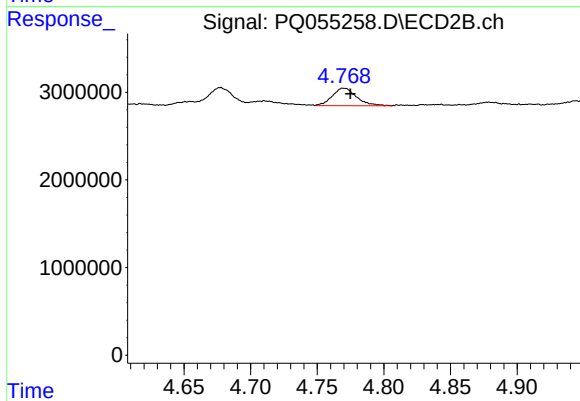
#9 AR-1221-2

R.T.: 4.677 min
Delta R.T.: -0.007 min
Response: 2982920
Conc: 38.49 ng/ml



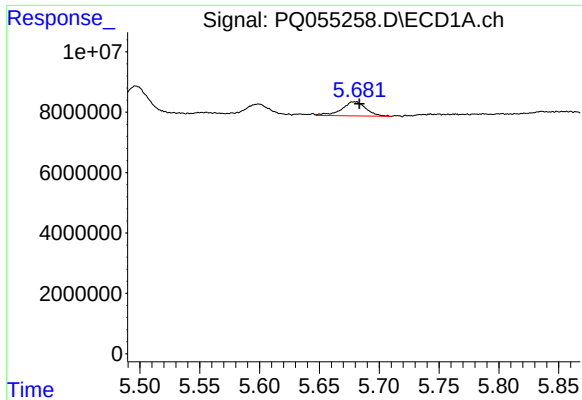
#10 AR-1221-3

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 6645566
Conc: 14.78 ng/ml



#10 AR-1221-3

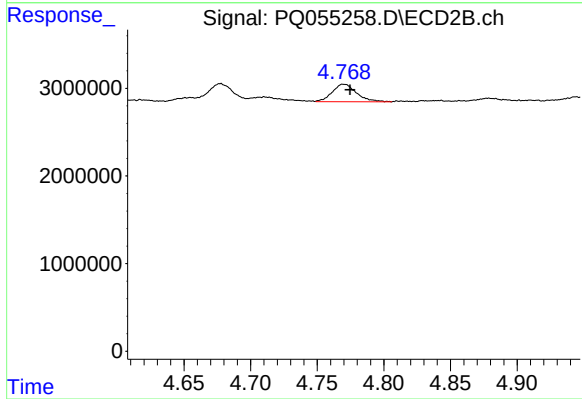
R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 2514046
Conc: 9.76 ng/ml



#11 AR-1232-1

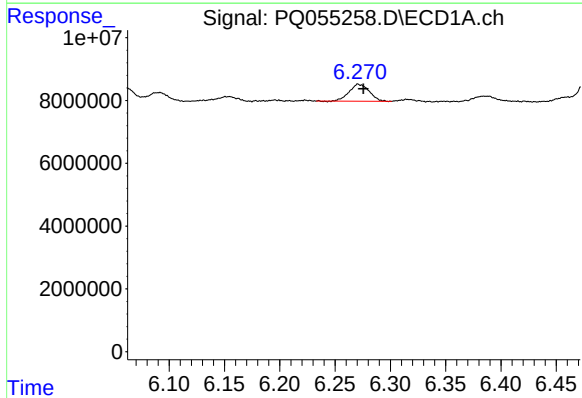
R.T.: 5.680 min
Delta R.T.: -0.004 min
Response: 6645566
Conc: 17.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



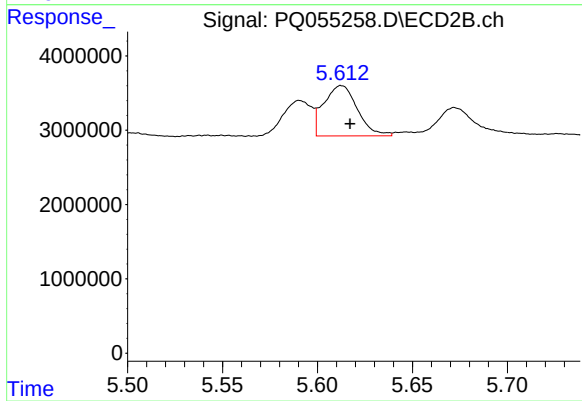
#11 AR-1232-1

R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 2514046
Conc: 11.57 ng/ml



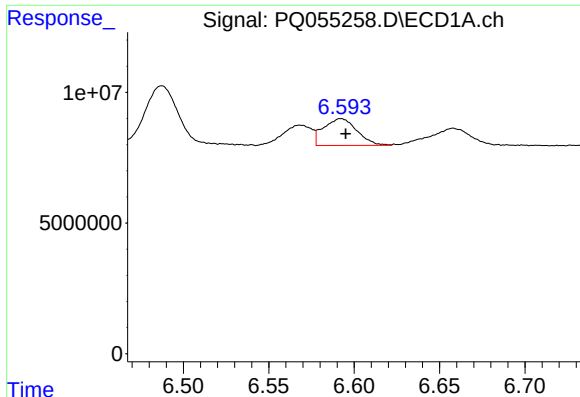
#12 AR-1232-2

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 6841531
Conc: 34.26 ng/ml



#12 AR-1232-2

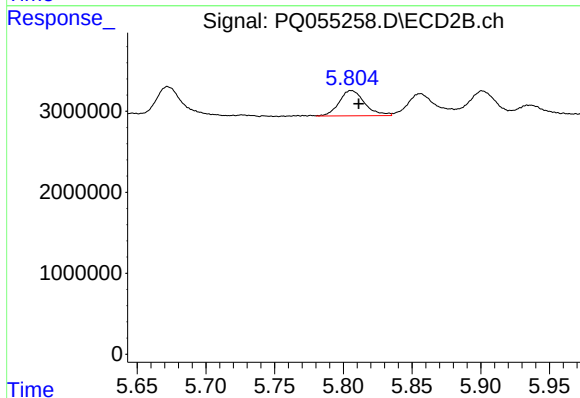
R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 8331572
Conc: 39.55 ng/ml



#13 AR-1232-3

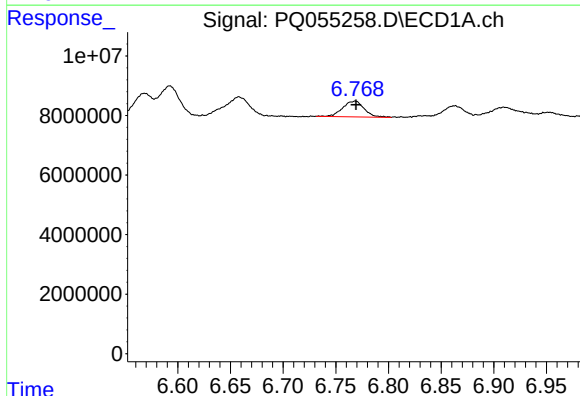
R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 13891616
Conc: 36.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



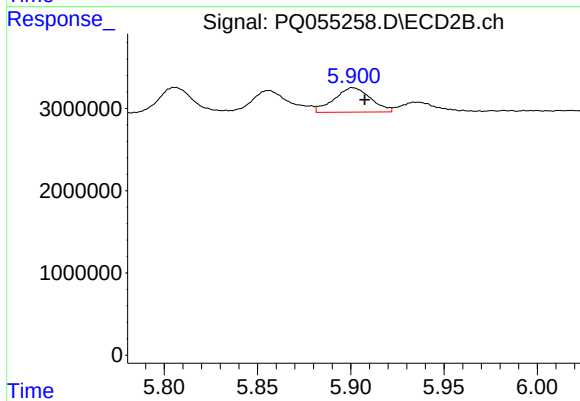
#13 AR-1232-3

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 4058256
Conc: 36.98 ng/ml



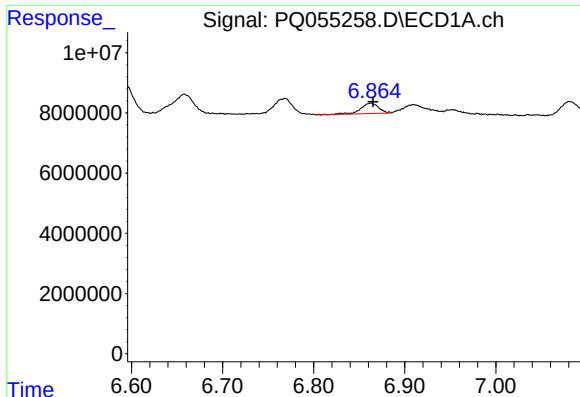
#14 AR-1232-4

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 7485304
Conc: 36.55 ng/ml



#14 AR-1232-4

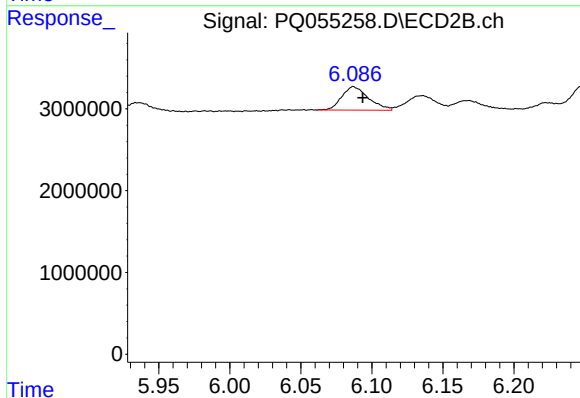
R.T.: 5.901 min
Delta R.T.: -0.006 min
Response: 4054113
Conc: 41.76 ng/ml



#15 AR-1232-5

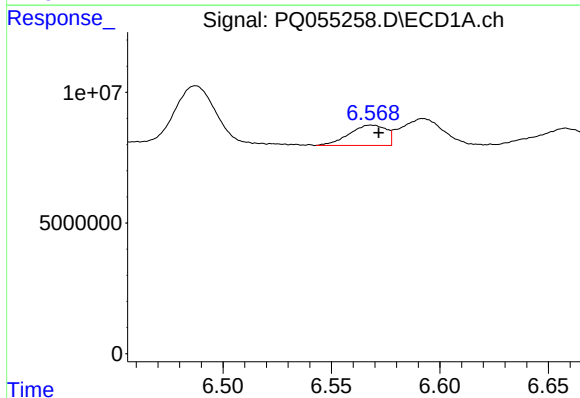
R.T.: 6.864 min
Delta R.T.: -0.002 min
Response: 4735596
Conc: 34.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



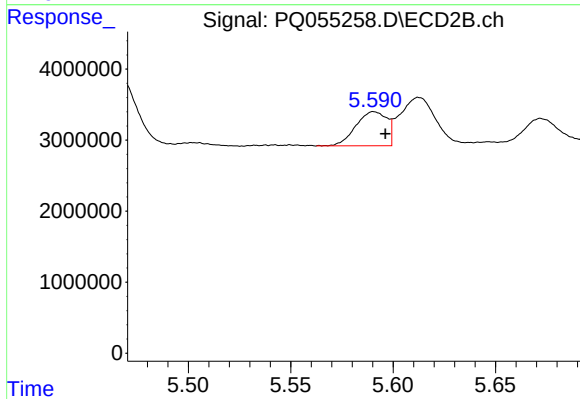
#15 AR-1232-5

R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 3764178
Conc: 36.52 ng/ml



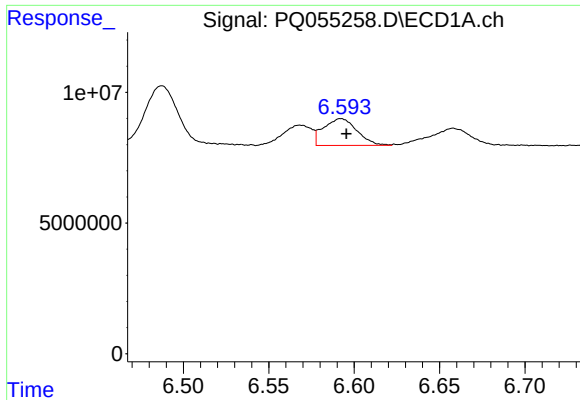
#16 AR-1242-1

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 9209389
Conc: 21.06 ng/ml



#16 AR-1242-1

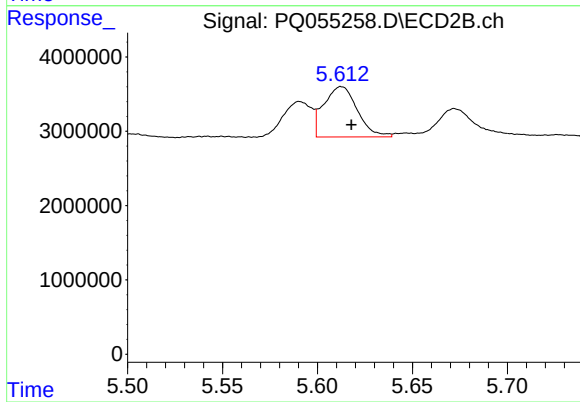
R.T.: 5.591 min
Delta R.T.: -0.006 min
Response: 5057851
Conc: 18.99 ng/ml



#17 AR-1242-2

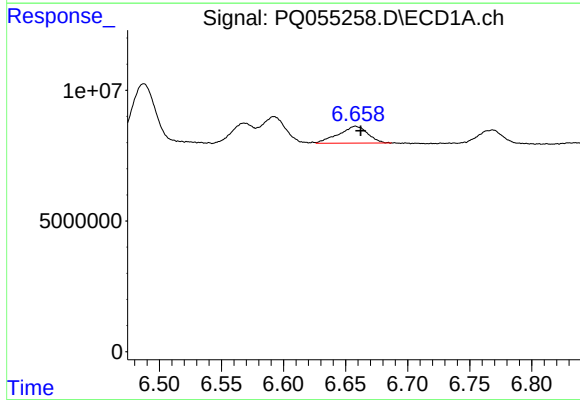
R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 13891616
Conc: 20.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



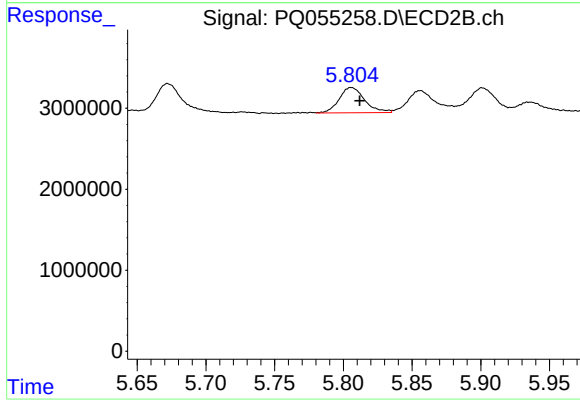
#17 AR-1242-2

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 8331572
Conc: 21.51 ng/ml



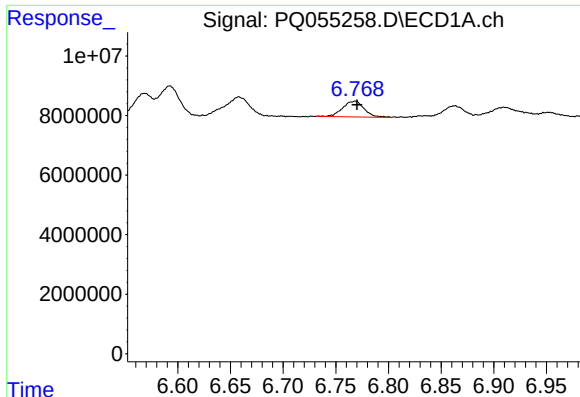
#18 AR-1242-3

R.T.: 6.658 min
Delta R.T.: -0.004 min
Response: 10532640
Conc: 24.90 ng/ml



#18 AR-1242-3

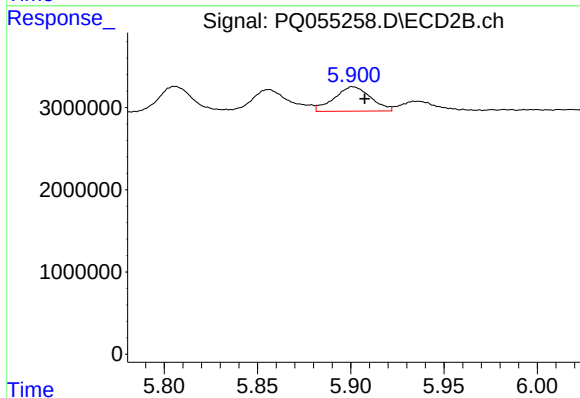
R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 4058256
Conc: 20.12 ng/ml



#19 AR-1242-4

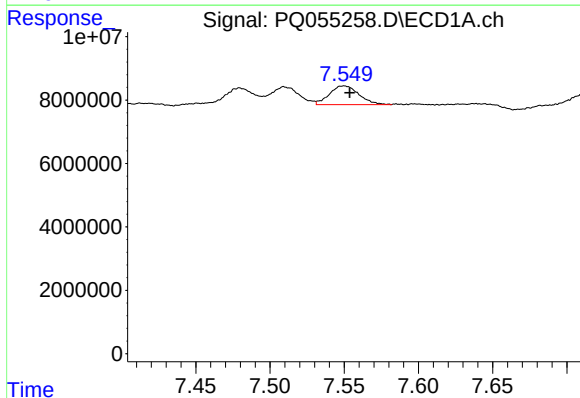
R.T.: 6.769 min
Delta R.T.: -0.001 min
Response: 7485304
Conc: 21.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



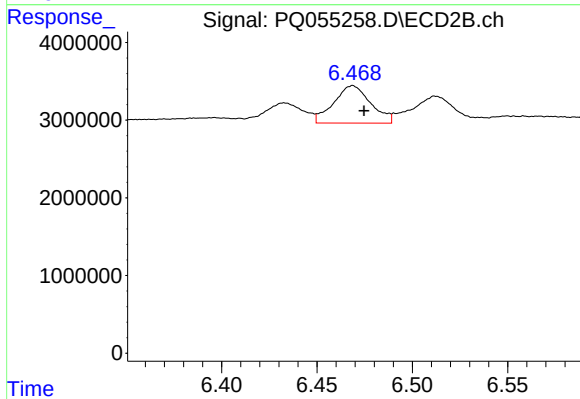
#19 AR-1242-4

R.T.: 5.901 min
Delta R.T.: -0.006 min
Response: 4054113
Conc: 20.71 ng/ml



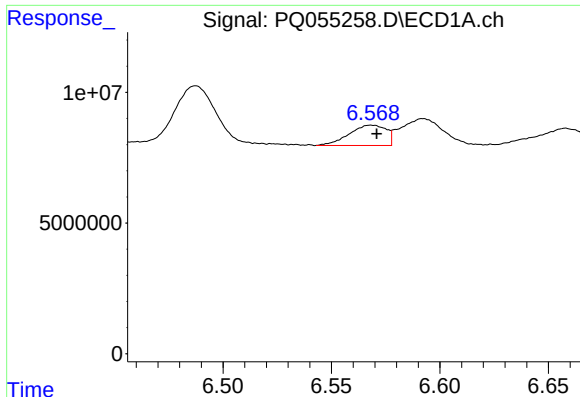
#20 AR-1242-5

R.T.: 7.550 min
Delta R.T.: -0.004 min
Response: 8163636
Conc: 22.35 ng/ml



#20 AR-1242-5

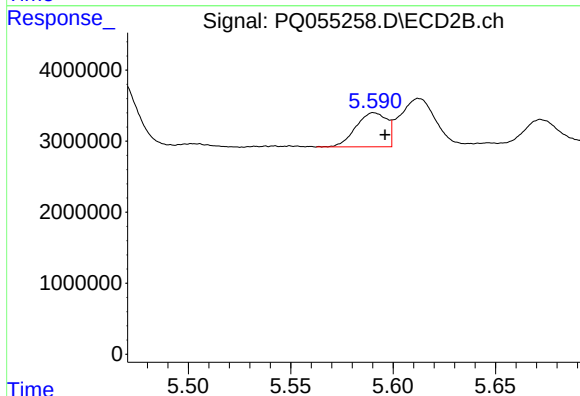
R.T.: 6.469 min
Delta R.T.: -0.006 min
Response: 6508452
Conc: 25.81 ng/ml



#21 AR-1248-1

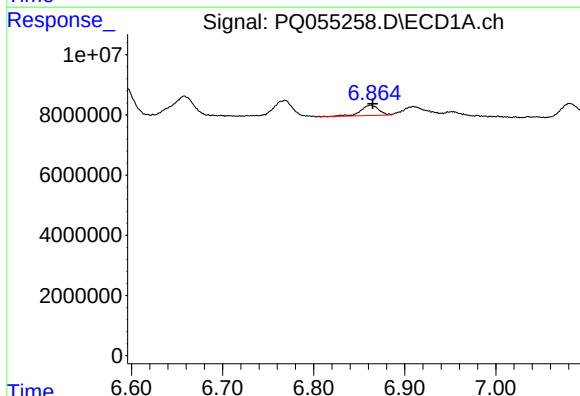
R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 9209389
Conc: 27.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



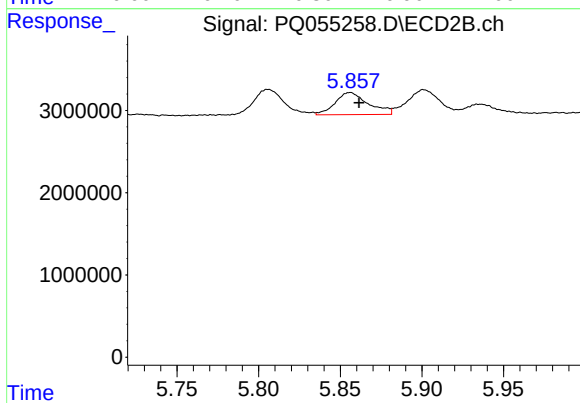
#21 AR-1248-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 5057851
Conc: 25.27 ng/ml



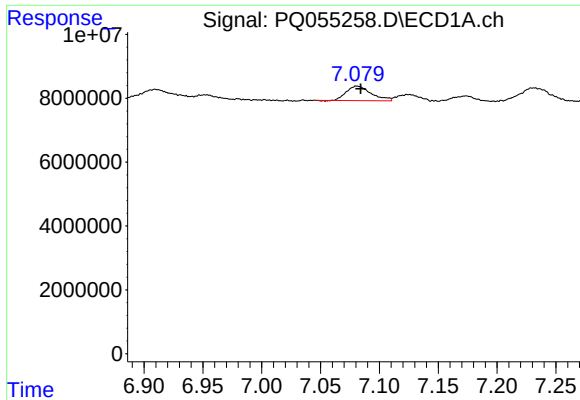
#22 AR-1248-2

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 4735596
Conc: 10.33 ng/ml



#22 AR-1248-2

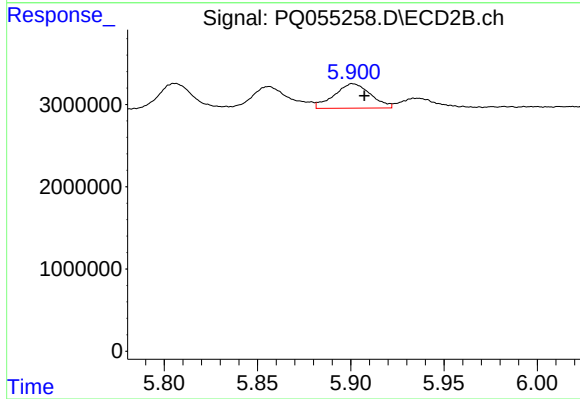
R.T.: 5.856 min
Delta R.T.: -0.006 min
Response: 3802915
Conc: 13.53 ng/ml



#23 AR-1248-3

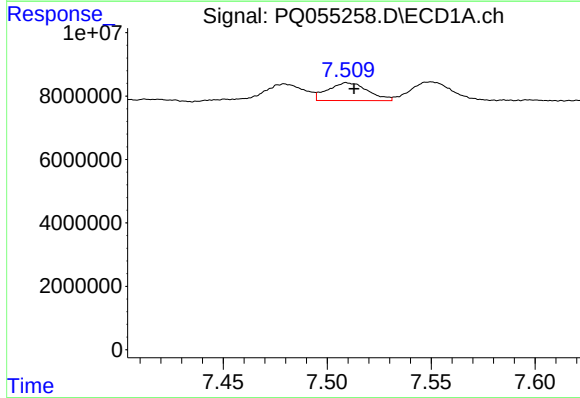
R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 6716171
Conc: 12.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



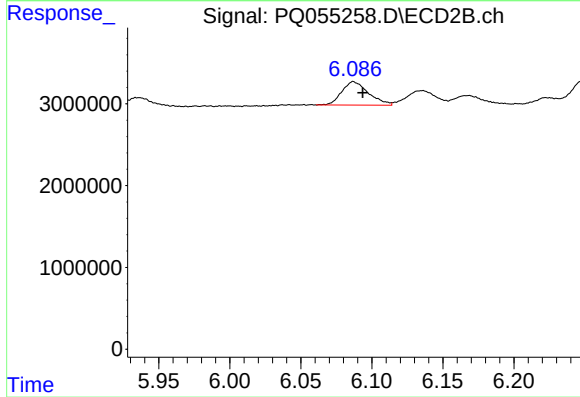
#23 AR-1248-3

R.T.: 5.901 min
Delta R.T.: -0.006 min
Response: 4054113
Conc: 13.86 ng/ml



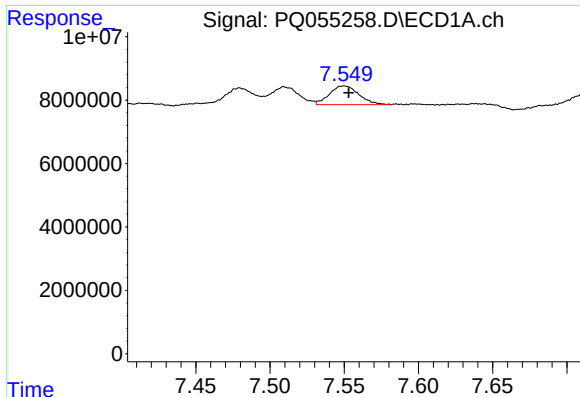
#24 AR-1248-4

R.T.: 7.509 min
Delta R.T.: -0.004 min
Response: 7513445
Conc: 12.38 ng/ml



#24 AR-1248-4

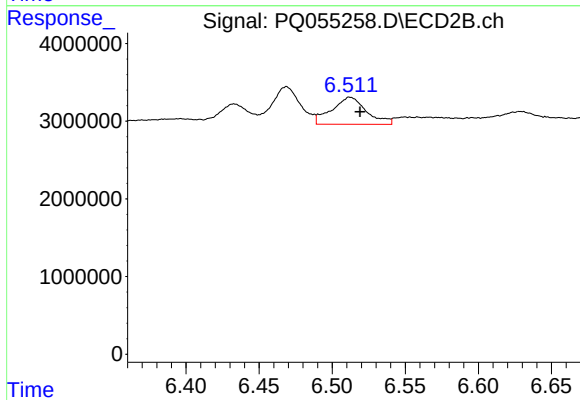
R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 3764178
Conc: 10.81 ng/ml



#25 AR-1248-5

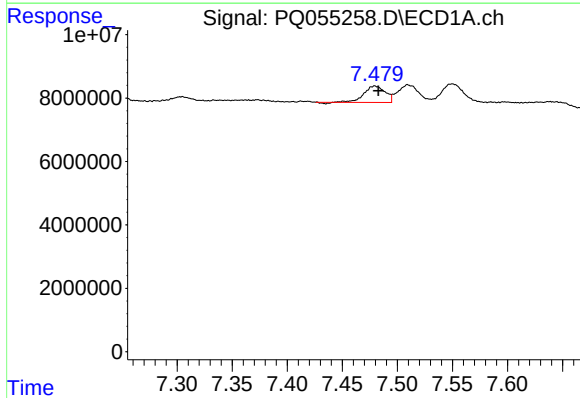
R.T.: 7.550 min
Delta R.T.: -0.003 min
Response: 8163636
Conc: 13.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



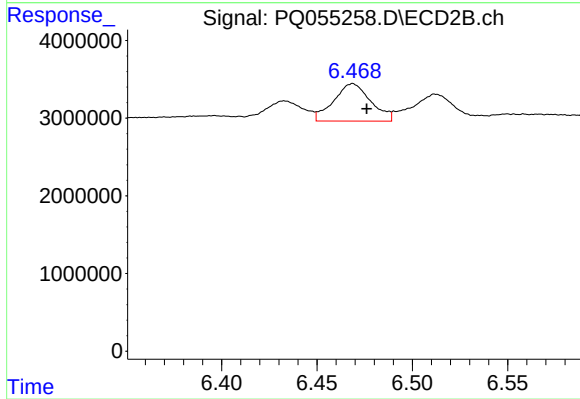
#25 AR-1248-5

R.T.: 6.512 min
Delta R.T.: -0.007 min
Response: 5772555
Conc: 16.59 ng/ml



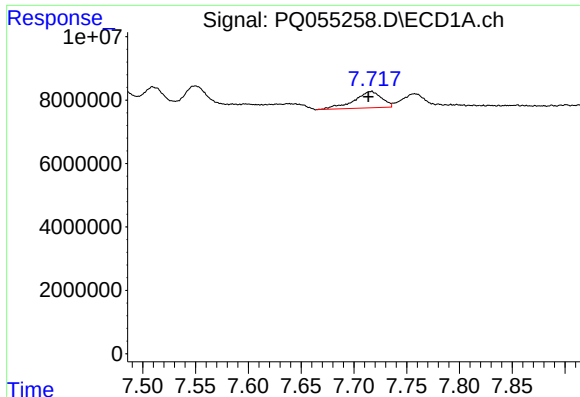
#26 AR-1254-1

R.T.: 7.480 min
Delta R.T.: -0.003 min
Response: 6944572
Conc: 11.83 ng/ml



#26 AR-1254-1

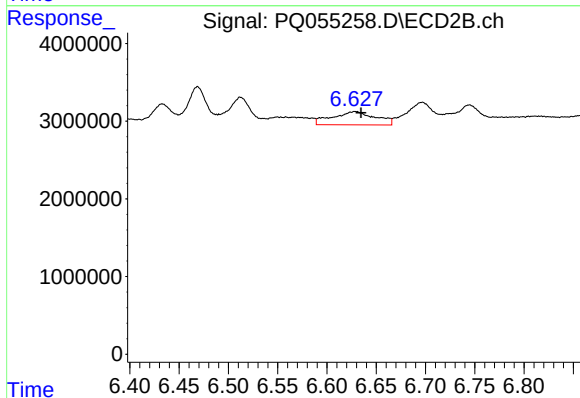
R.T.: 6.469 min
Delta R.T.: -0.007 min
Response: 6508452
Conc: 11.77 ng/ml



#27 AR-1254-2

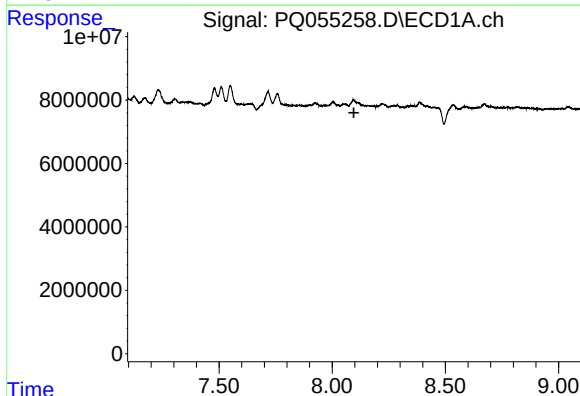
R.T.: 7.717 min
Delta R.T.: 0.003 min
Response: 9509952
Conc: 10.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



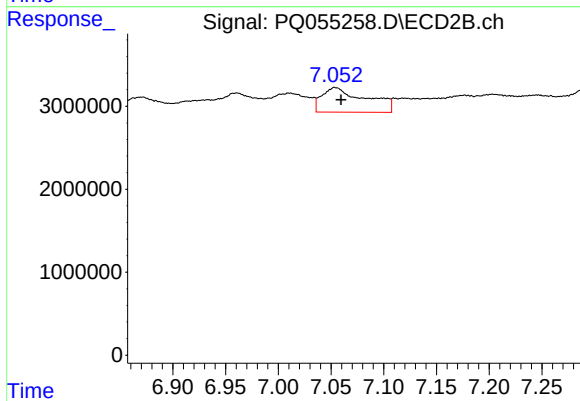
#27 AR-1254-2

R.T.: 6.629 min
Delta R.T.: -0.006 min
Response: 5176895
Conc: 10.94 ng/ml



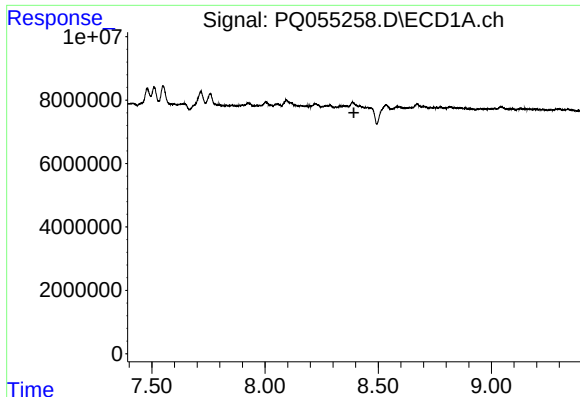
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.096 min
Response: 0
Conc: N.D.



#28 AR-1254-3

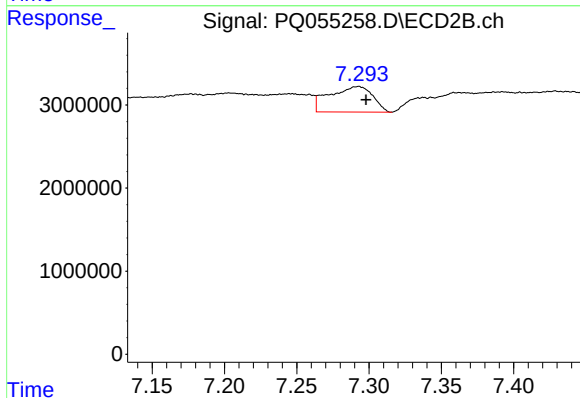
R.T.: 7.054 min
Delta R.T.: -0.006 min
Response: 8661548
Conc: 11.03 ng/ml



#29 AR-1254-4

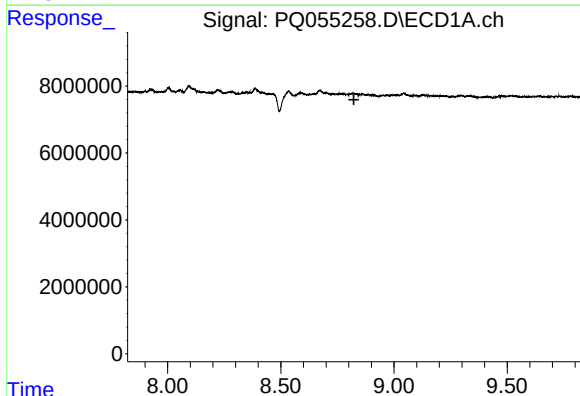
R.T.: 0.000 min
Exp R.T.: 8.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



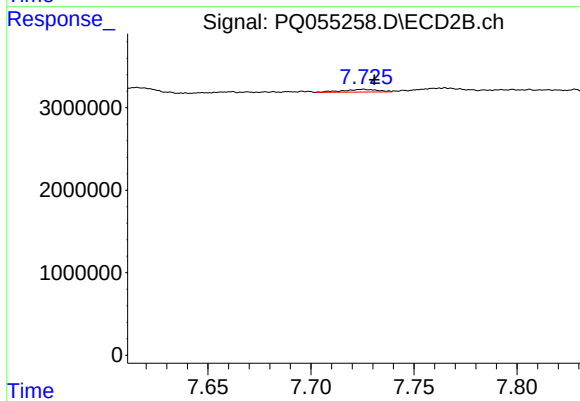
#29 AR-1254-4

R.T.: 7.293 min
Delta R.T.: -0.005 min
Response: 6391009
Conc: 13.39 ng/ml



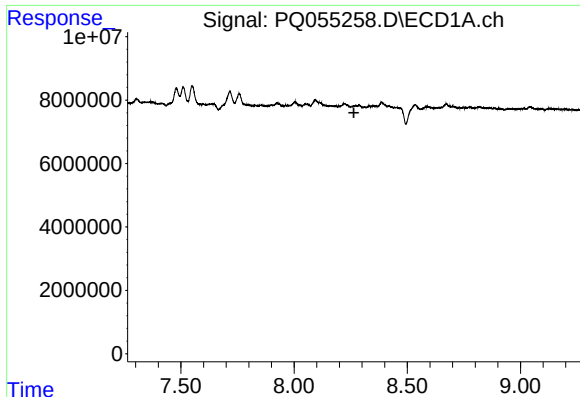
#30 AR-1254-5

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



#30 AR-1254-5

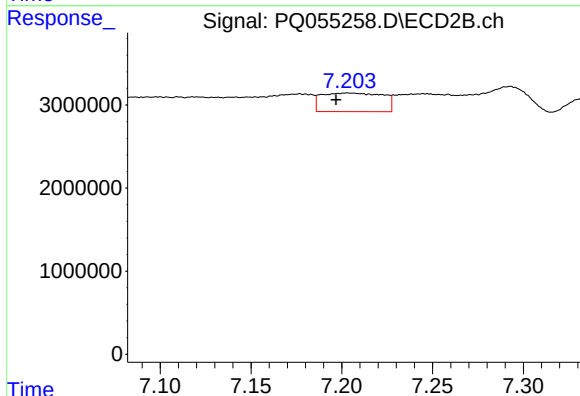
R.T.: 7.725 min
Delta R.T.: -0.006 min
Response: 396901
Conc: 0.59 ng/ml



#31 AR-1260-1

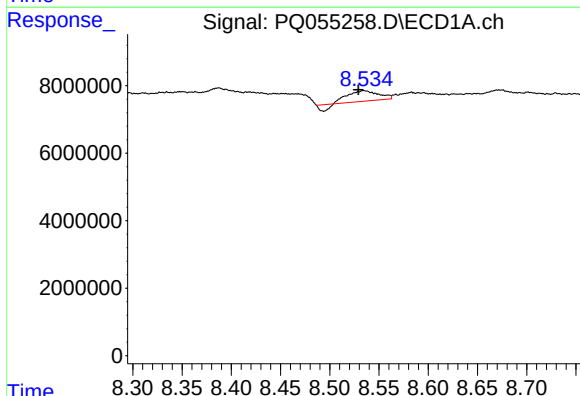
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



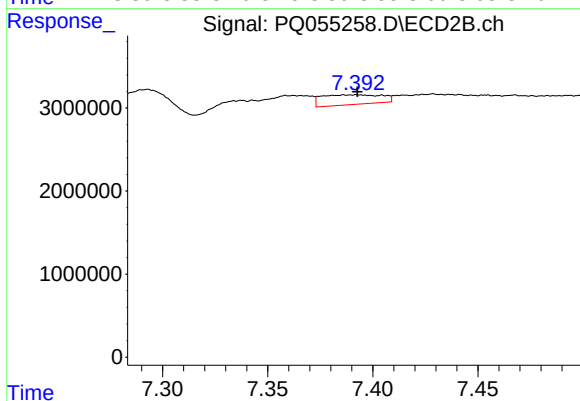
#31 AR-1260-1

R.T.: 7.203 min
Delta R.T.: 0.006 min
Response: 5263213
Conc: 10.50 ng/ml



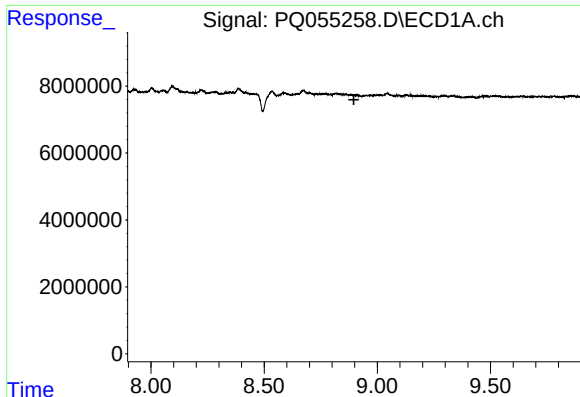
#32 AR-1260-2

R.T.: 8.535 min
Delta R.T.: 0.005 min
Response: 6076113
Conc: 7.32 ng/ml



#32 AR-1260-2

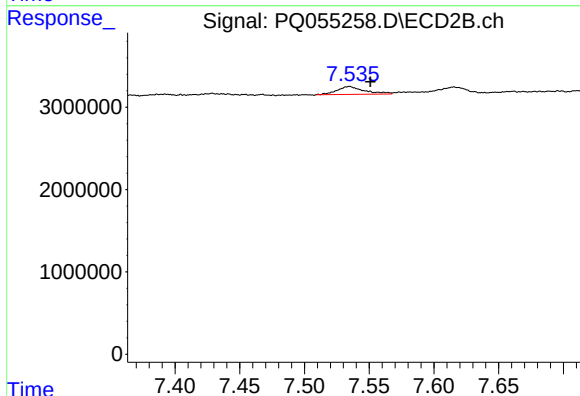
R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 2335422
Conc: 3.86 ng/ml



#33 AR-1260-3

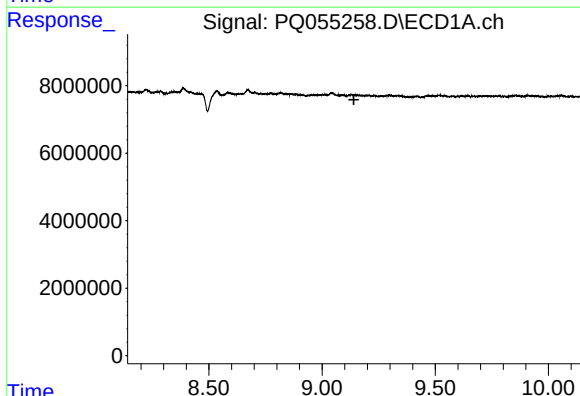
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



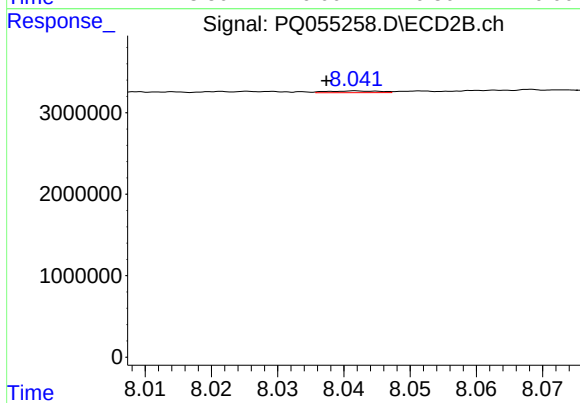
#33 AR-1260-3

R.T.: 7.535 min
Delta R.T.: -0.016 min
Response: 1398527
Conc: 2.45 ng/ml



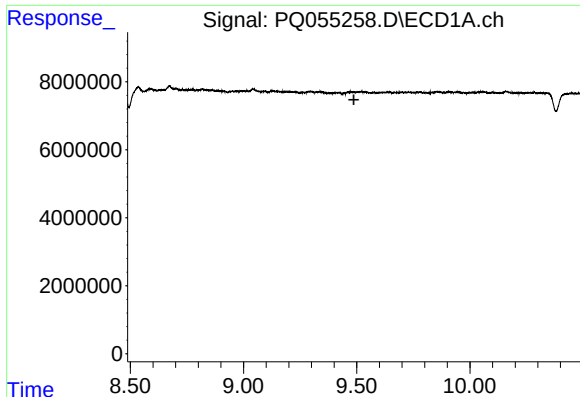
#34 AR-1260-4

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



#34 AR-1260-4

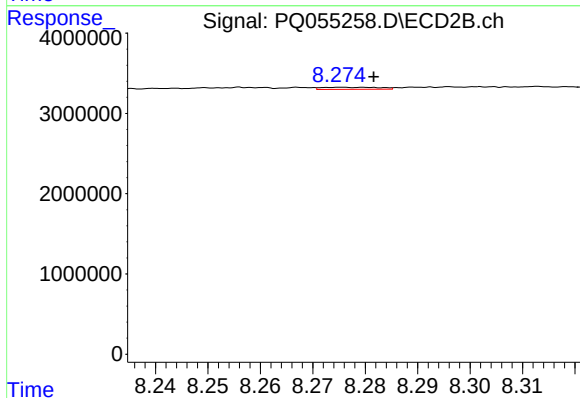
R.T.: 8.042 min
Delta R.T.: 0.005 min
Response: 117246
Conc: 0.25 ng/ml



#35 AR-1260-5

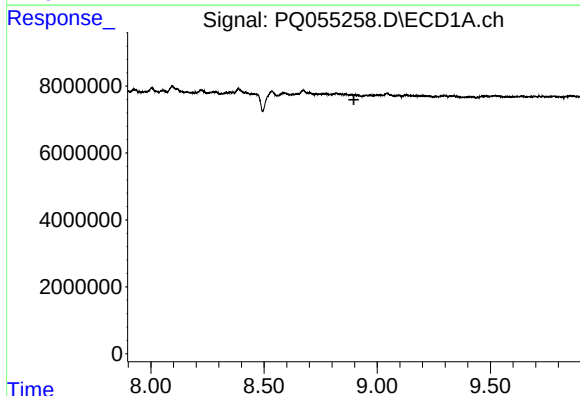
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



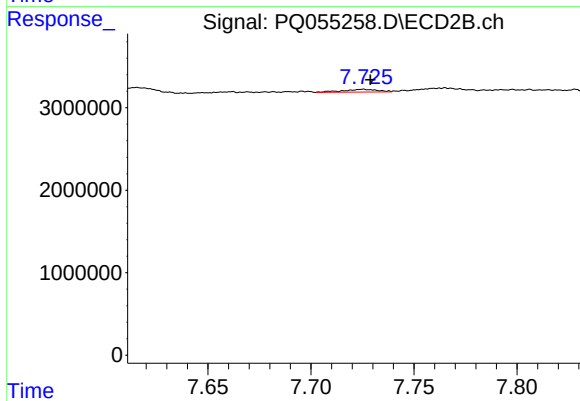
#35 AR-1260-5

R.T.: 8.276 min
Delta R.T.: -0.006 min
Response: 196083
Conc: 0.17 ng/ml



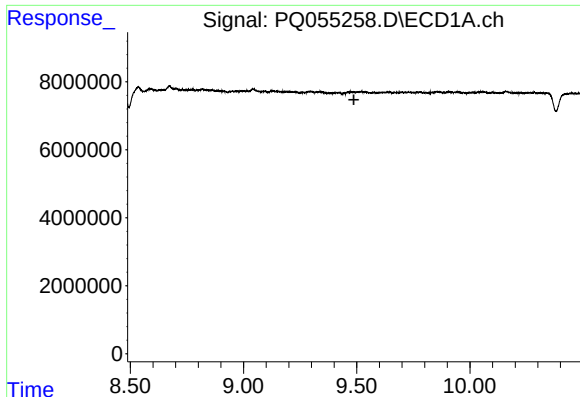
#36 AR-1262-1

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



#36 AR-1262-1

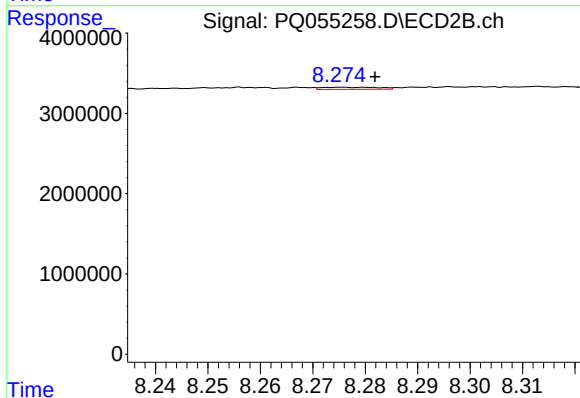
R.T.: 7.725 min
Delta R.T.: -0.004 min
Response: 396901
Conc: 1.17 ng/ml



#37 AR-1262-2

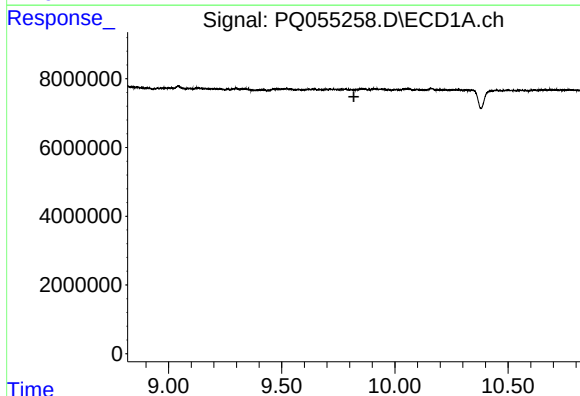
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



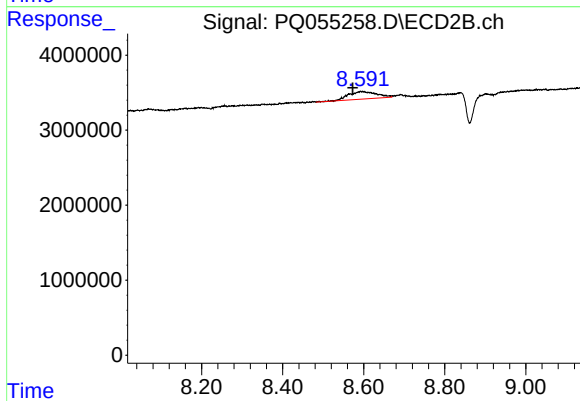
#37 AR-1262-2

R.T.: 8.276 min
Delta R.T.: -0.006 min
Response: 196083
Conc: 0.16 ng/ml



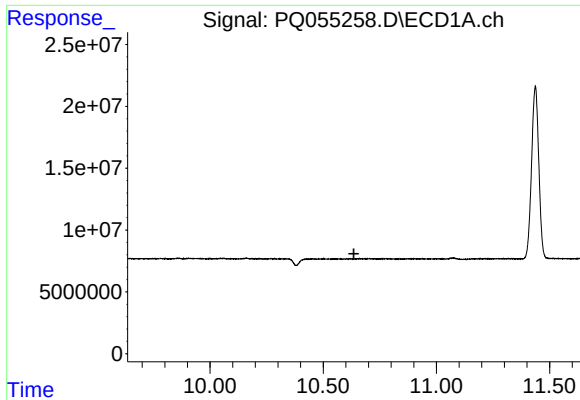
#38 AR-1262-3

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



#38 AR-1262-3

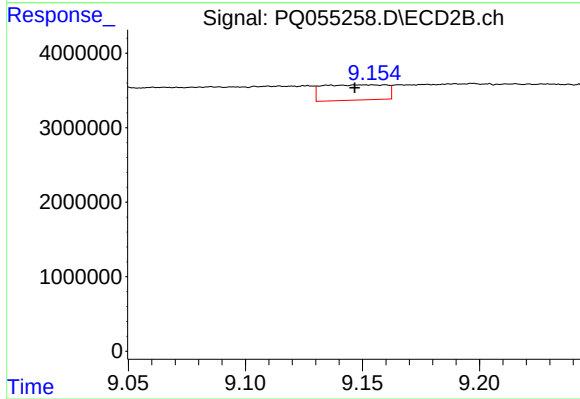
R.T.: 8.592 min
Delta R.T.: 0.020 min
Response: 4963515
Conc: 10.74 ng/ml



#40 AR-1262-5

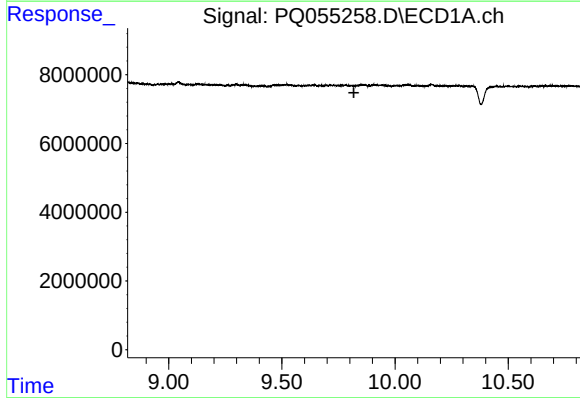
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



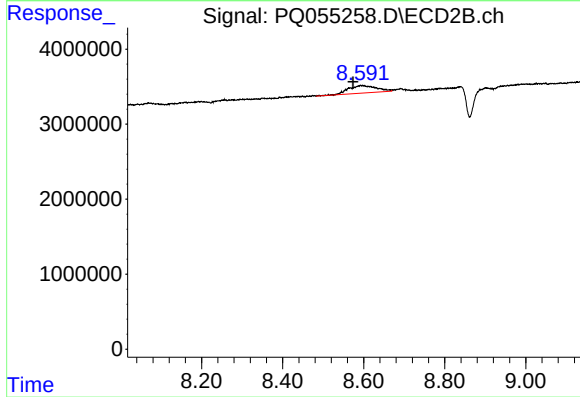
#40 AR-1262-5

R.T.: 9.154 min
Delta R.T.: 0.007 min
Response: 3874713
Conc: 9.65 ng/ml



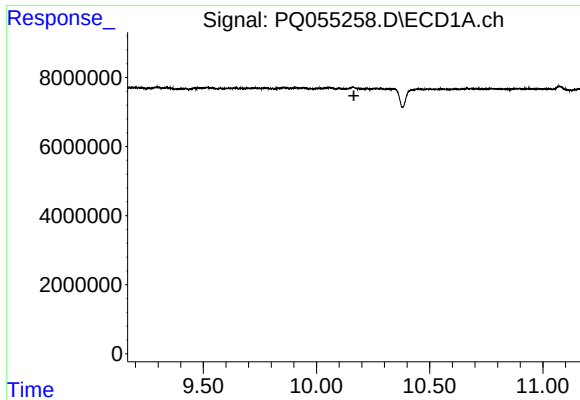
#41 AR-1268-1

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



#41 AR-1268-1

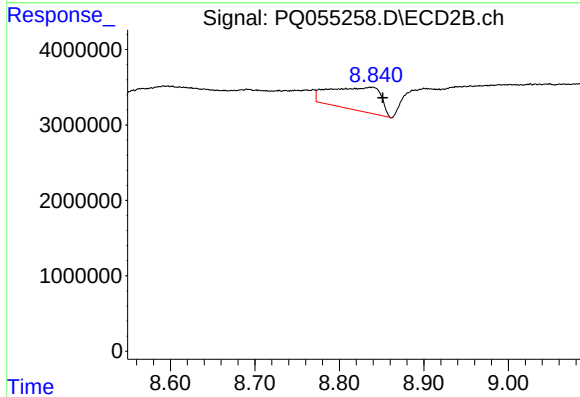
R.T.: 8.592 min
Delta R.T.: 0.019 min
Response: 4963515
Conc: 3.51 ng/ml



#43 AR-1268-3

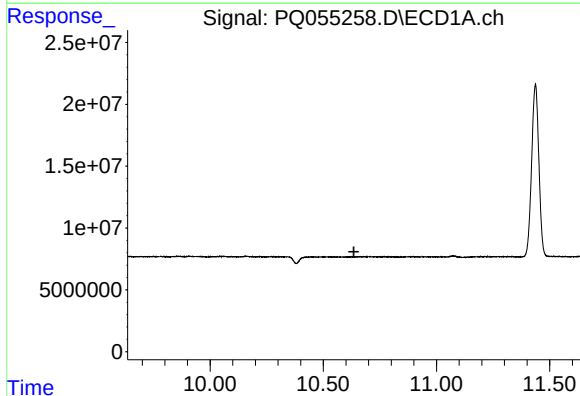
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



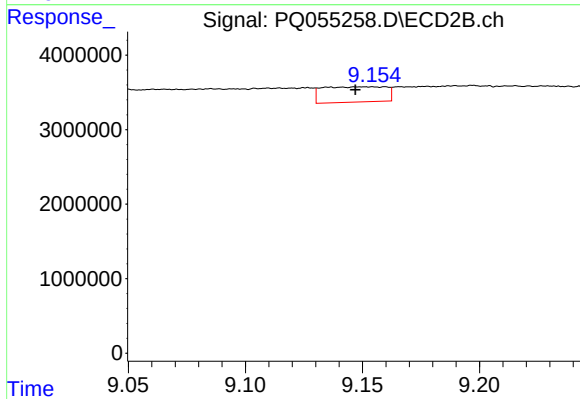
#43 AR-1268-3

R.T.: 8.839 min
Delta R.T.: -0.013 min
Response: 12800930
Conc: 11.70 ng/ml



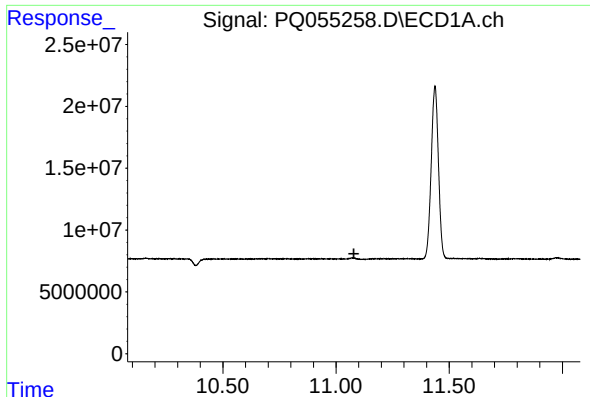
#44 AR-1268-4

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



#44 AR-1268-4

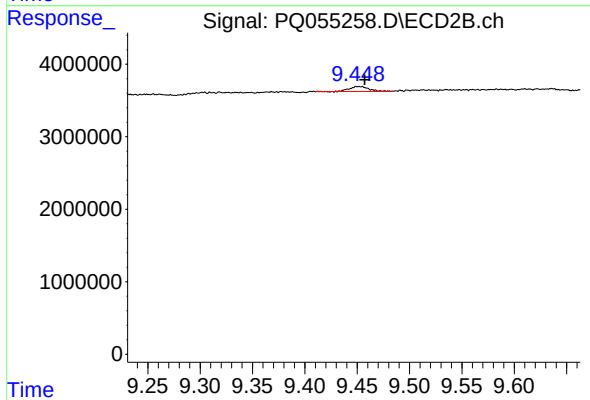
R.T.: 9.154 min
Delta R.T.: 0.007 min
Response: 3874713
Conc: 8.58 ng/ml



#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.: 9.451 min
Delta R.T.: -0.006 min
Response: 880591
Conc: 0.25 ng/ml