

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082924\
 Data File : PQ068338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2024 11:19
 Operator : YP\AJ
 Sample : AIBLK028
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 02:07:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 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...	3.437	2.822	174.4E6	161.8E6	22.070	22.851
2)	SA Decachlor...	8.608	7.600	119.2E6	174.1E6	52.426	51.486
Target Compounds							
3)	L1 AR-1016-1	4.540	0.000	330204	0	1.461	N.D. #
4)	L1 AR-1016-2	4.562	0.000	456487	0	1.297	N.D. #
5)	L1 AR-1016-3	4.629	0.000	1133229	0	5.207	N.D. #
6)	L1 AR-1016-4	4.706	0.000	325514	0	1.800	N.D. #
7)	L1 AR-1016-5	5.031f	0.000	604381	0	3.478	N.D. #
9)	L2 AR-1221-2	3.717	3.093	2738486	3856087	42.895	64.690 #
10)	L2 AR-1221-3	3.717f	0.000	2738486	0	13.260	N.D. #
11)	L3 AR-1232-1	3.717f	0.000	2738486	0	16.589	N.D. #
12)	L3 AR-1232-2	4.288	0.000	231810	0	2.552	N.D. #
13)	L3 AR-1232-3	4.562	0.000	456487	0	2.699	N.D. #
14)	L3 AR-1232-4	4.706	0.000	325514	0	3.767	N.D. #
15)	L3 AR-1232-5	4.808	0.000	629196	0	11.142	N.D. #
16)	L4 AR-1242-1	4.540	0.000	330204	0	1.615	N.D. #
17)	L4 AR-1242-2	4.562	0.000	456487	0	1.459	N.D. #
18)	L4 AR-1242-3	4.629	0.000	1133229	0	5.792	N.D. #
19)	L4 AR-1242-4	4.706	0.000	325514	0	2.014	N.D. #
20)	L4 AR-1242-5	5.434	4.609	2025389	15609666	11.980	80.749 #
21)	L5 AR-1248-1	4.540	0.000	330204	0	2.145	N.D. #
22)	L5 AR-1248-2	4.808	0.000	629196	0	2.994	N.D. #
23)	L5 AR-1248-3	5.031f	0.000	604381	0	2.395	N.D. #
24)	L5 AR-1248-4	5.361	0.000	7037117	0	25.026	N.D. #
25)	L5 AR-1248-5	5.434	4.609	2025389	15609666	7.175	59.003 #
26)	L6 AR-1254-1	5.361	4.609	7037117	15609666	25.437	39.727 #
27)	L6 AR-1254-2	5.603	4.781f	5623649	15545177	13.169	45.301 #
28)	L6 AR-1254-3	5.914	5.126	5859494	9690773	13.046	17.903 #
29)	L6 AR-1254-4	6.216	5.311	2127140	8027632	6.653	23.799 #
30)	L6 AR-1254-5	6.628	0.000	895199	0	2.582	N.D. #
31)	L7 AR-1260-1	6.082	5.311f	7774527	8027632	23.559	22.072
32)	L7 AR-1260-2	6.328	5.390f	2281593	1485123	6.055	3.384 #
33)	L7 AR-1260-3	6.722	5.596	3505846	2426973	12.678	5.631 #
34)	L7 AR-1260-4	6.915	0.000	511603	0	1.676	N.D. #
35)	L7 AR-1260-5	7.258	0.000	1070529	0	1.834	N.D. #
36)	L8 AR-1262-1	6.722	0.000	3505846	0	8.297	N.D. #
37)	L8 AR-1262-2	7.258	0.000	1070529	0	1.567	N.D. #
38)	L8 AR-1262-3	7.502	0.000	7348785	0	16.602	N.D. #
39)	L8 AR-1262-4	7.633f	0.000	43969138	0	128.340	N.D. #
40)	L8 AR-1262-5	8.033f	0.000	680763	0	3.241	N.D. #
41)	L9 AR-1268-1	7.502	0.000	7348785	0	9.564	N.D. #
42)	L9 AR-1268-2	7.633f	0.000	43969138	0	61.271	N.D. #

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ALS Vial : 2 Sample Multiplier: 1

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Quant Time: Aug 30 02:07:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 02:08:25 2024
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
43)	L9 AR-1268-3	0.000	6.827	0	2185394	N.D.	2.679 #
44)	L9 AR-1268-4	8.033f	0.000	680763	0	2.954	N.D. #
45)	L9 AR-1268-5	8.376	7.385	757778	2293073	0.466	0.949 #

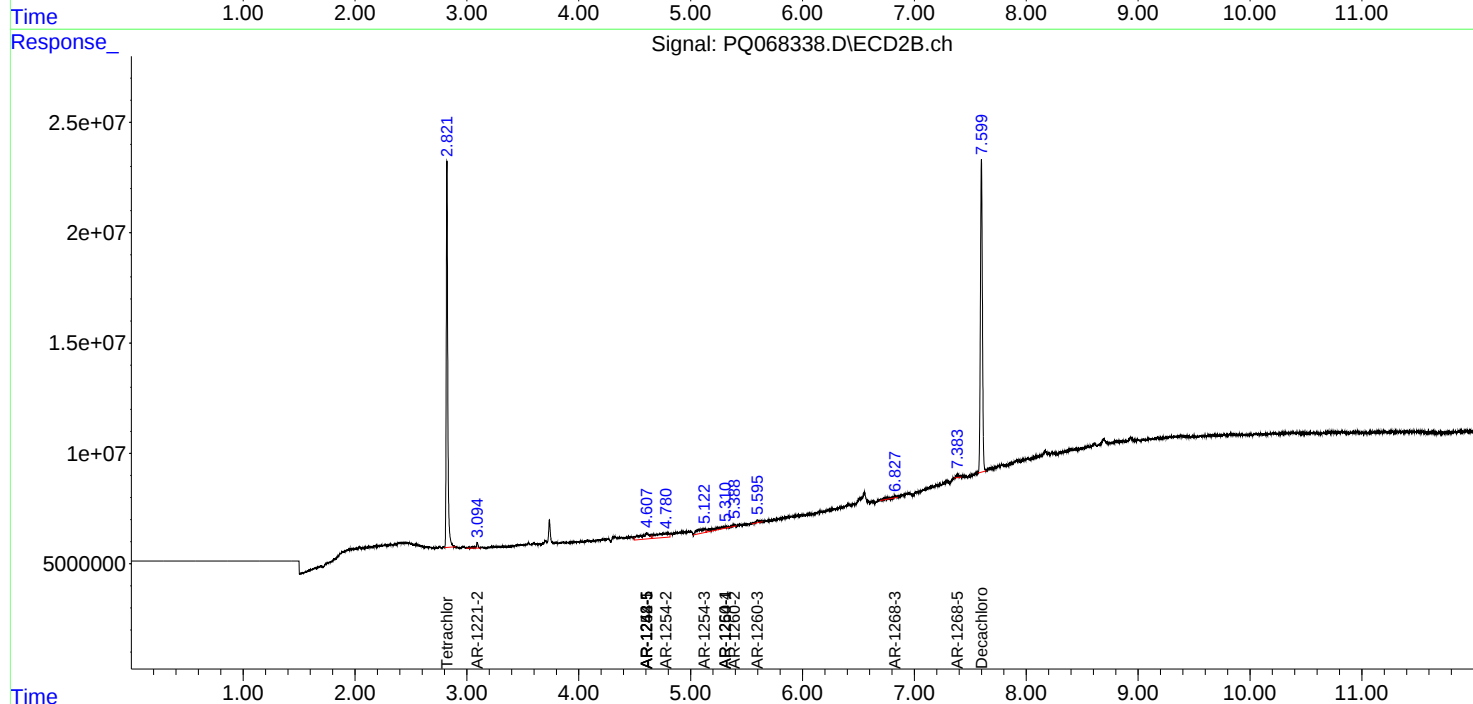
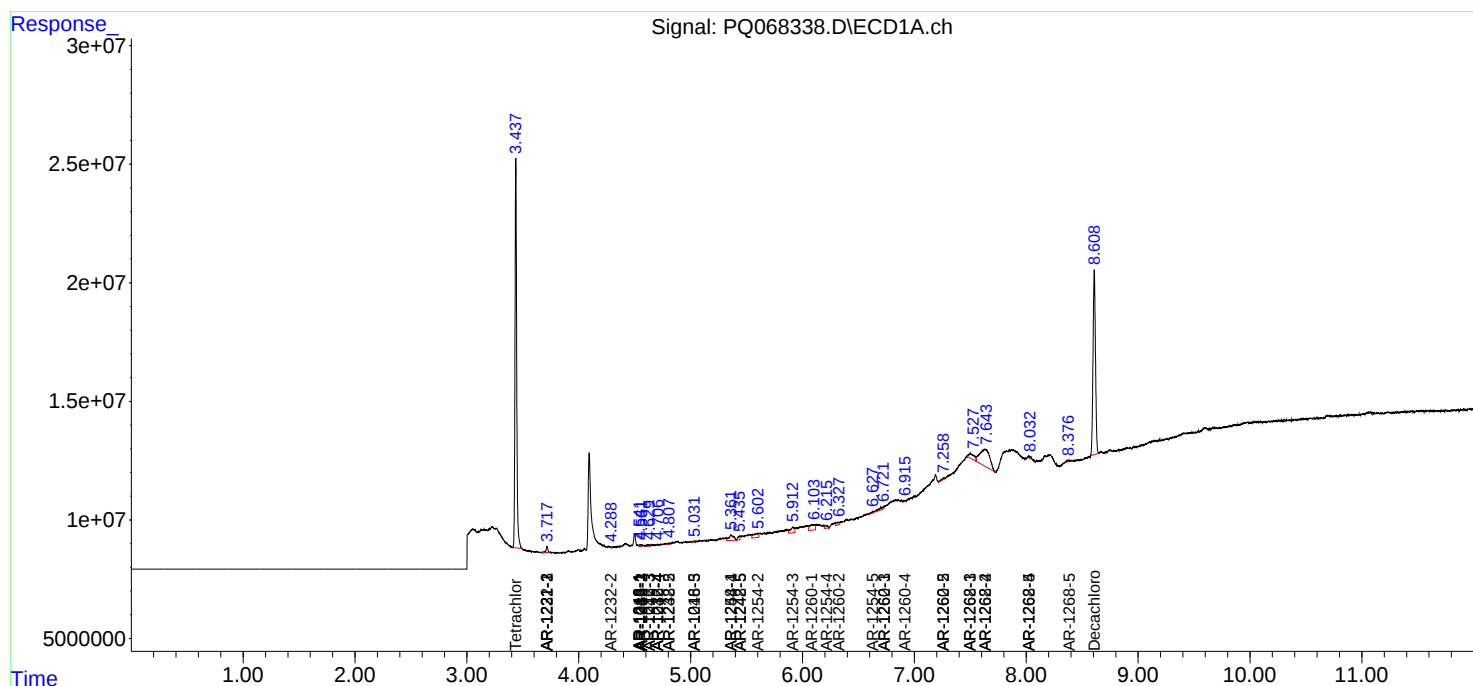
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

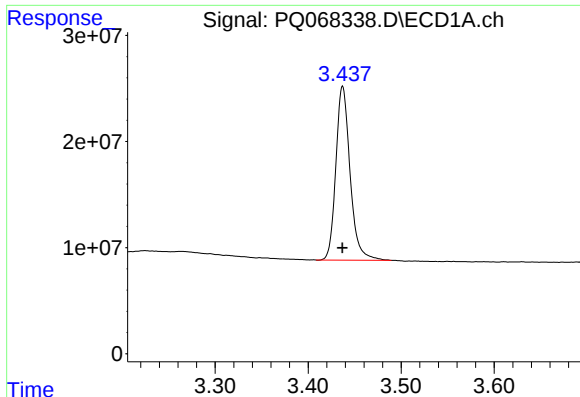
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

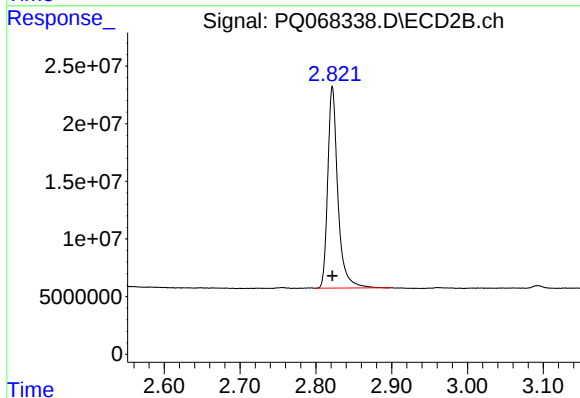




#1 Tetrachloro-m-xylene

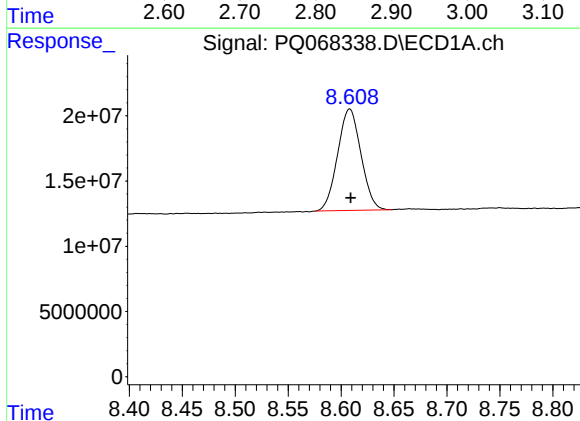
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 174361264
Conc: 22.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



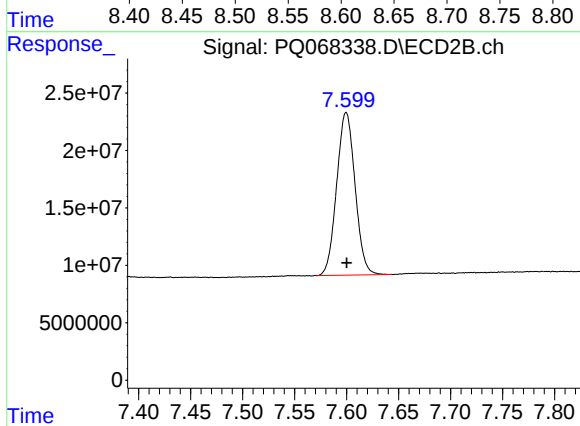
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 161840074
Conc: 22.85 ng/ml



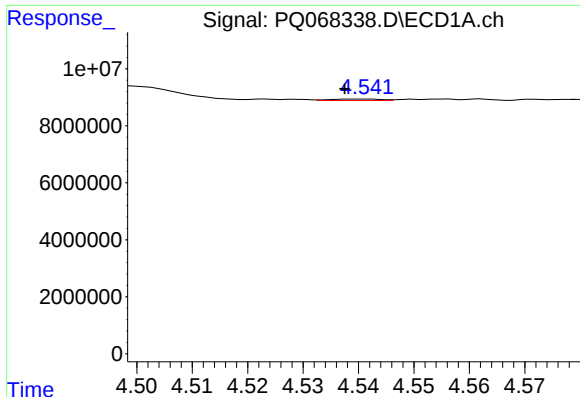
#2 Decachlorobiphenyl

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 119239016
Conc: 52.43 ng/ml



#2 Decachlorobiphenyl

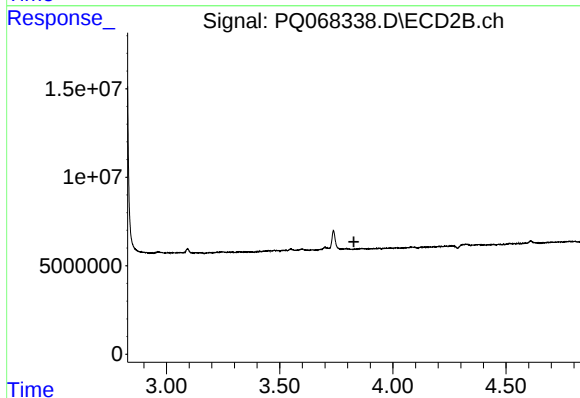
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 174127975
Conc: 51.49 ng/ml



#3 AR-1016-1

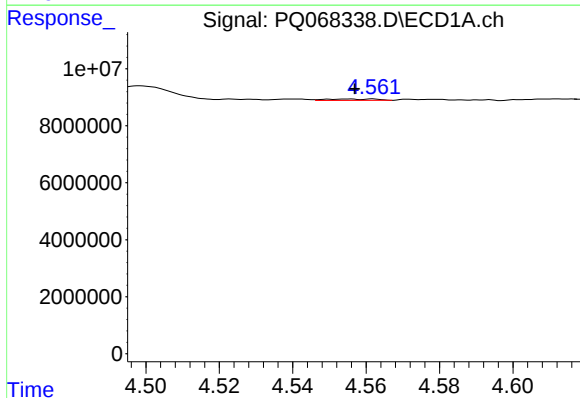
R.T.: 4.540 min
Delta R.T.: 0.003 min
Response: 330204
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



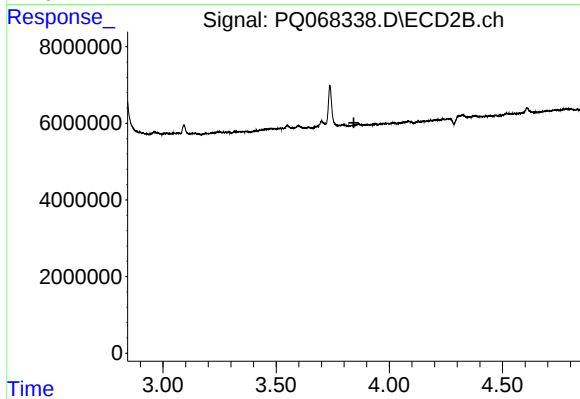
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.828 min
Response: 0
Conc: N.D.



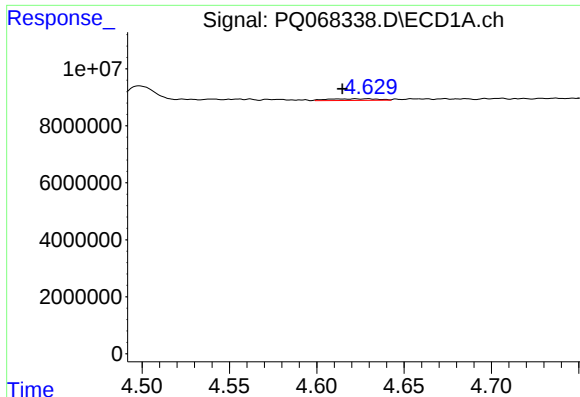
#4 AR-1016-2

R.T.: 4.562 min
Delta R.T.: 0.005 min
Response: 456487
Conc: 1.30 ng/ml



#4 AR-1016-2

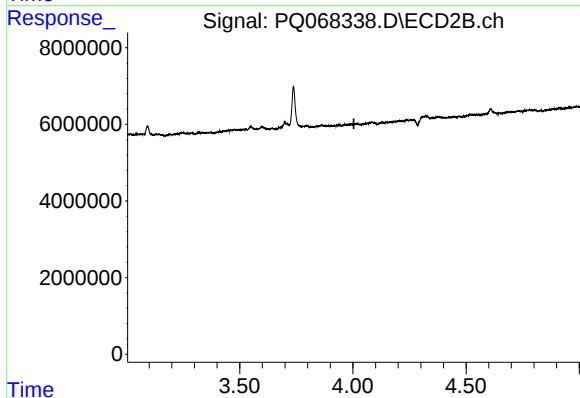
R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



#5 AR-1016-3

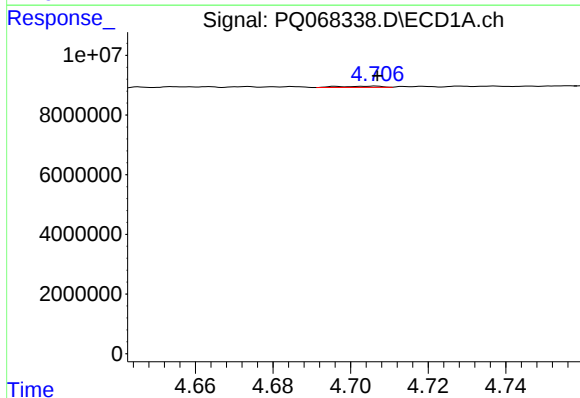
R.T.: 4.629 min
Delta R.T.: 0.015 min
Response: 1133229
Conc: 5.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



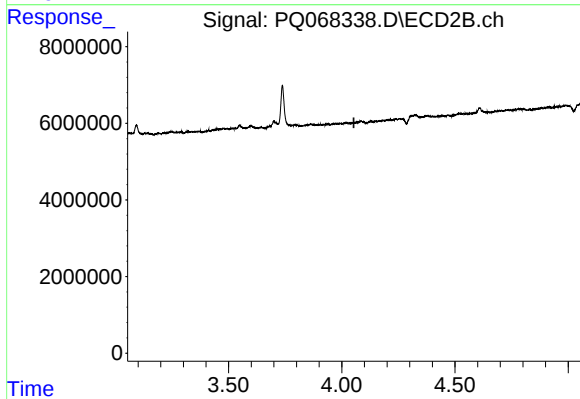
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.005 min
Response: 0
Conc: N.D.



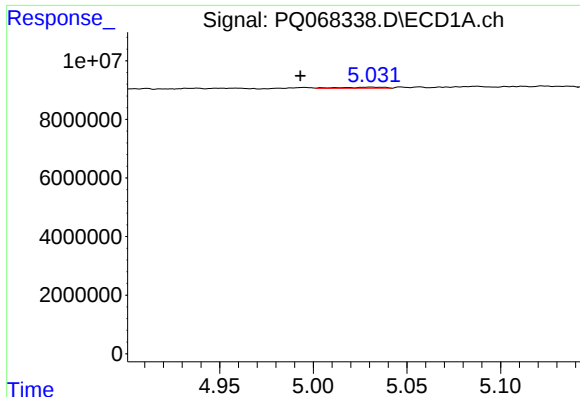
#6 AR-1016-4

R.T.: 4.706 min
Delta R.T.: -0.001 min
Response: 325514
Conc: 1.80 ng/ml



#6 AR-1016-4

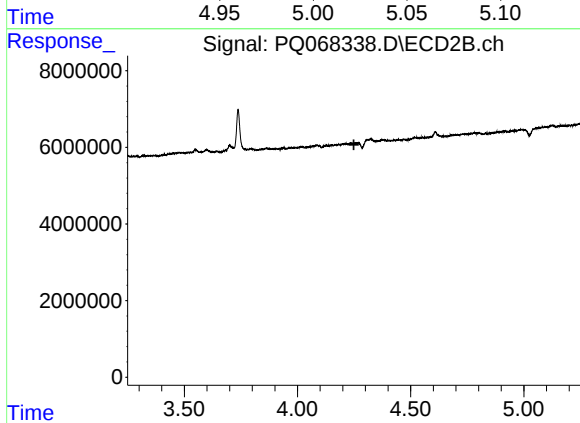
R.T.: 0.000 min
Exp R.T. : 4.053 min
Response: 0
Conc: N.D.



#7 AR-1016-5

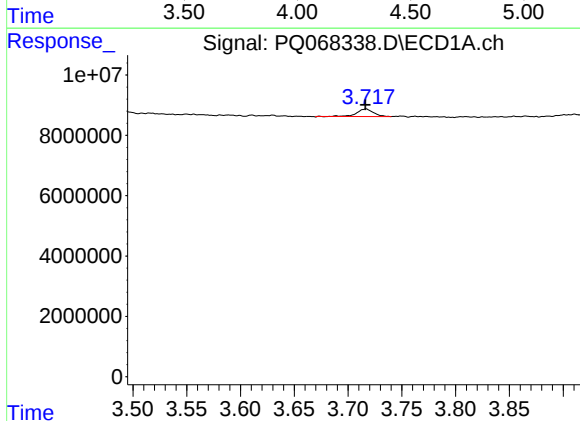
R.T.: 5.031 min
Delta R.T.: 0.038 min
Response: 604381
Conc: 3.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



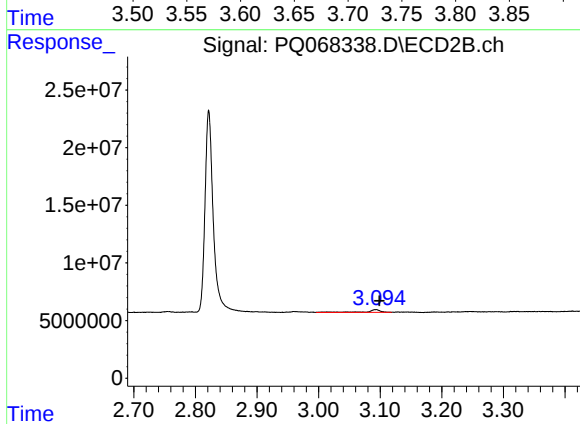
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.249 min
Response: 0
Conc: N.D.



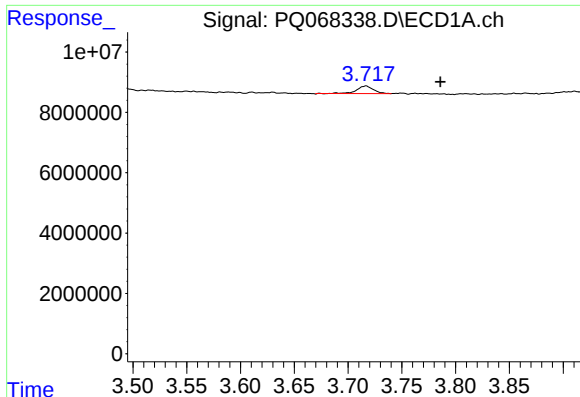
#9 AR-1221-2

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 2738486
Conc: 42.90 ng/ml



#9 AR-1221-2

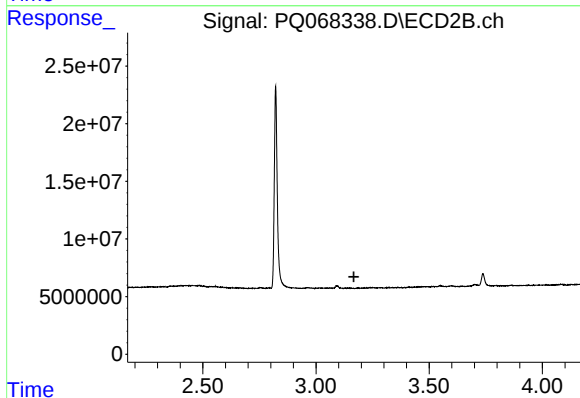
R.T.: 3.093 min
Delta R.T.: -0.006 min
Response: 3856087
Conc: 64.69 ng/ml



#10 AR-1221-3

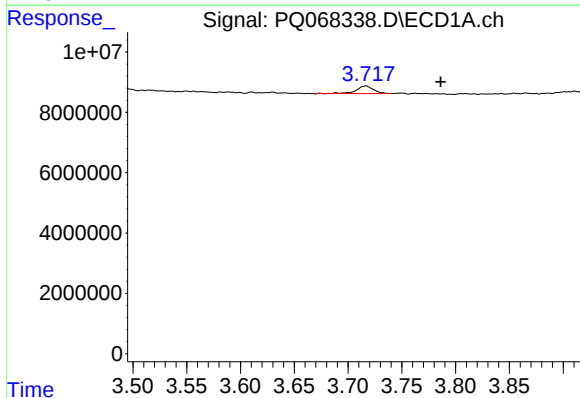
R.T.: 3.717 min
Delta R.T.: -0.069 min
Response: 2738486
Conc: 13.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



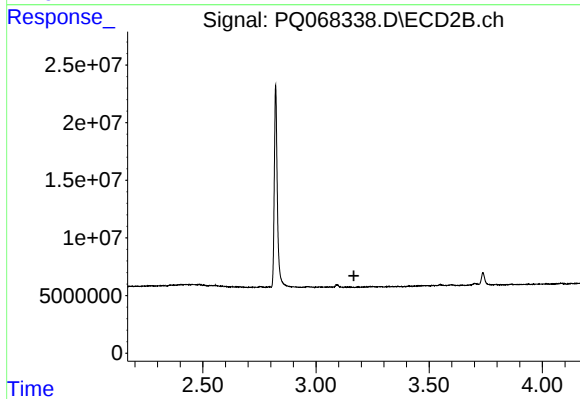
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.168 min
Response: 0
Conc: N.D.



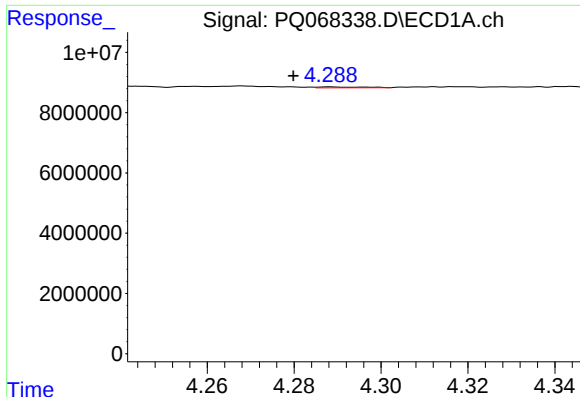
#11 AR-1232-1

R.T.: 3.717 min
Delta R.T.: -0.070 min
Response: 2738486
Conc: 16.59 ng/ml



#11 AR-1232-1

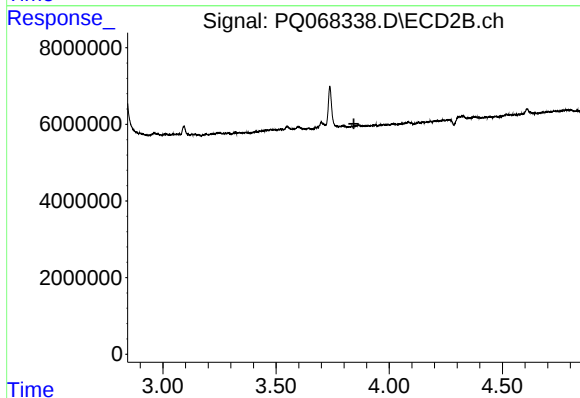
R.T.: 0.000 min
Exp R.T. : 3.168 min
Response: 0
Conc: N.D.



#12 AR-1232-2

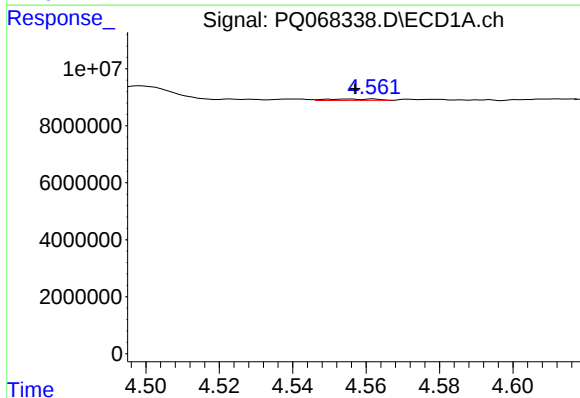
R.T.: 4.288 min
Delta R.T.: 0.009 min
Response: 231810
Conc: 2.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



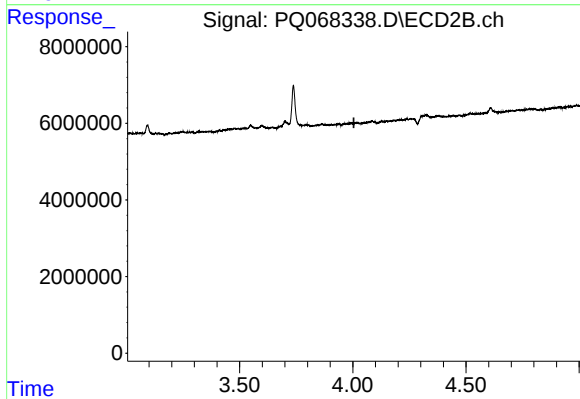
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



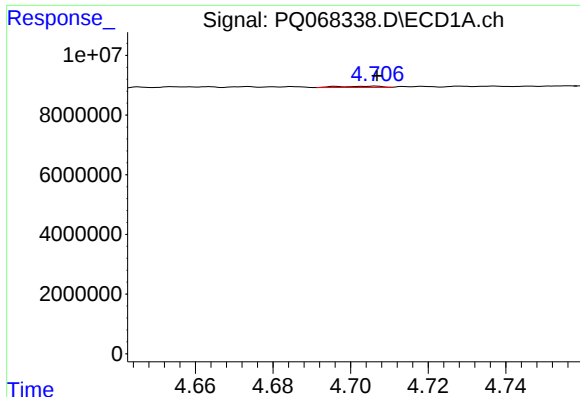
#13 AR-1232-3

R.T.: 4.562 min
Delta R.T.: 0.005 min
Response: 456487
Conc: 2.70 ng/ml



#13 AR-1232-3

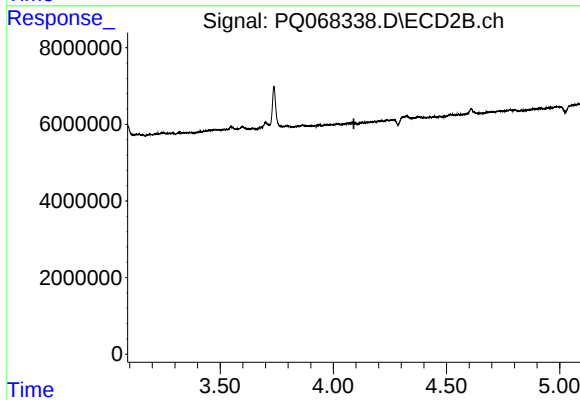
R.T.: 0.000 min
Exp R.T. : 4.005 min
Response: 0
Conc: N.D.



#14 AR-1232-4

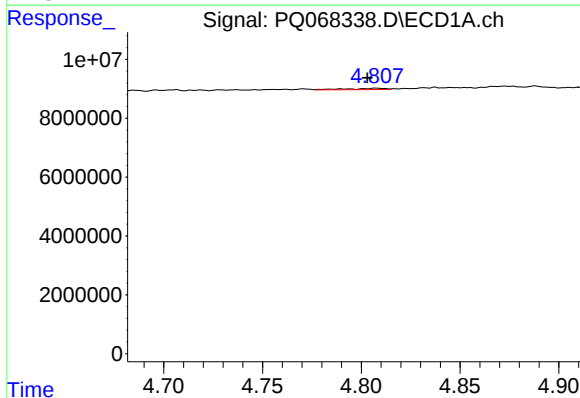
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 325514
Conc: 3.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



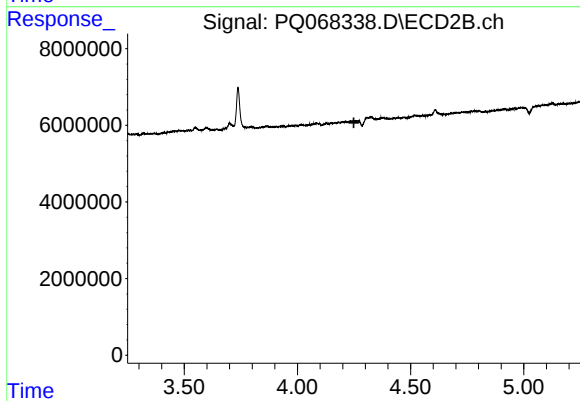
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.091 min
Response: 0
Conc: N.D.



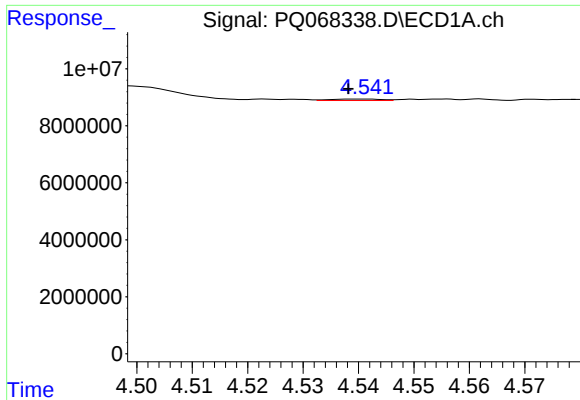
#15 AR-1232-5

R.T.: 4.808 min
Delta R.T.: 0.005 min
Response: 629196
Conc: 11.14 ng/ml



#15 AR-1232-5

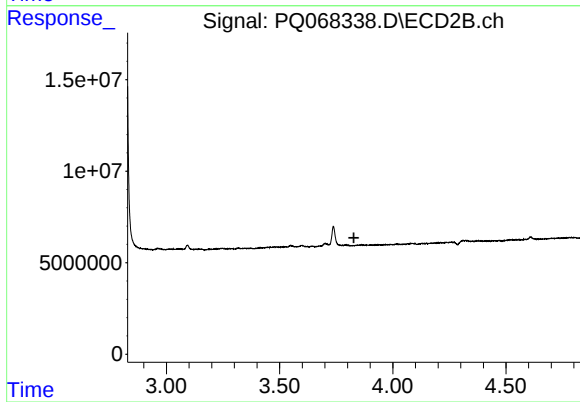
R.T.: 0.000 min
Exp R.T. : 4.250 min
Response: 0
Conc: N.D.



#16 AR-1242-1

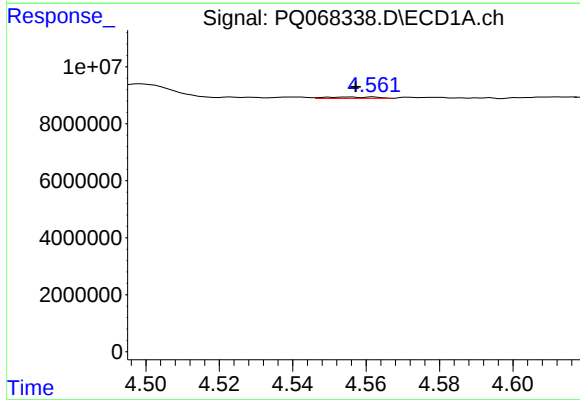
R.T.: 4.540 min
Delta R.T.: 0.002 min
Response: 330204
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



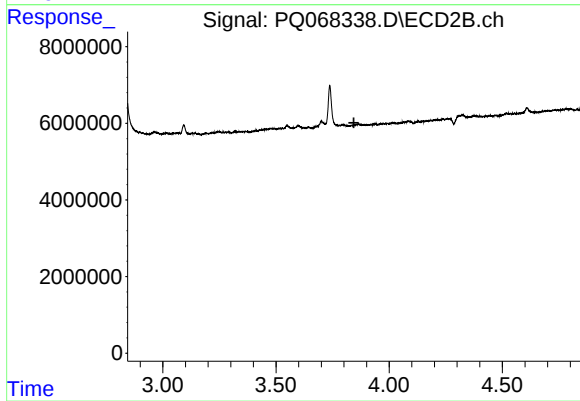
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 3.828 min
Response: 0
Conc: N.D.



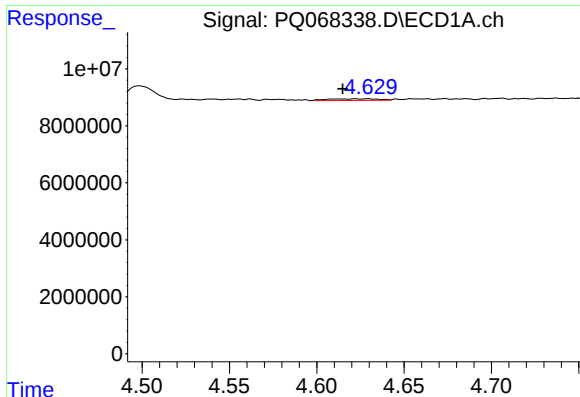
#17 AR-1242-2

R.T.: 4.562 min
Delta R.T.: 0.005 min
Response: 456487
Conc: 1.46 ng/ml



#17 AR-1242-2

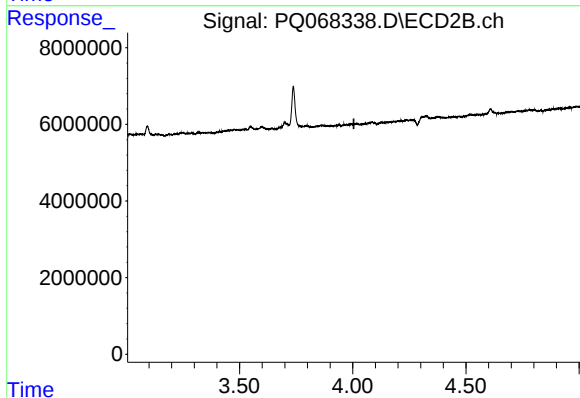
R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



#18 AR-1242-3

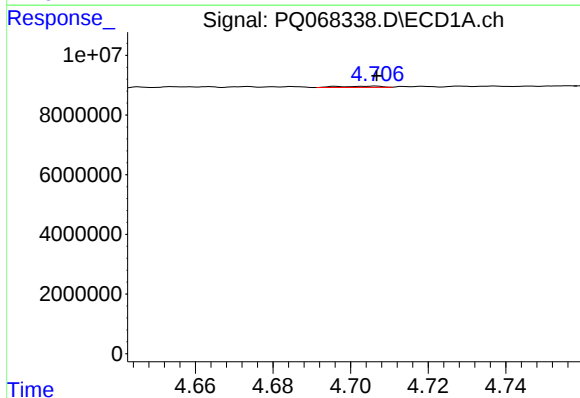
R.T.: 4.629 min
Delta R.T.: 0.014 min
Response: 1133229
Conc: 5.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



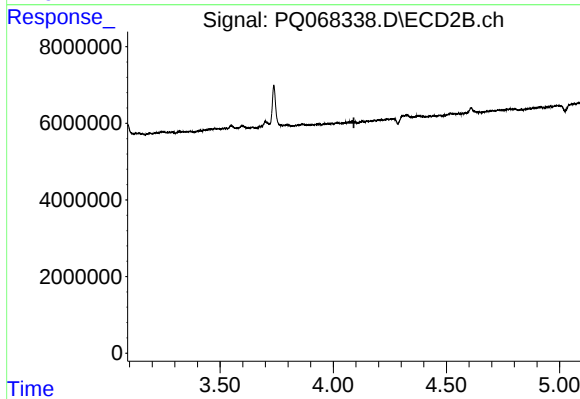
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.005 min
Response: 0
Conc: N.D.



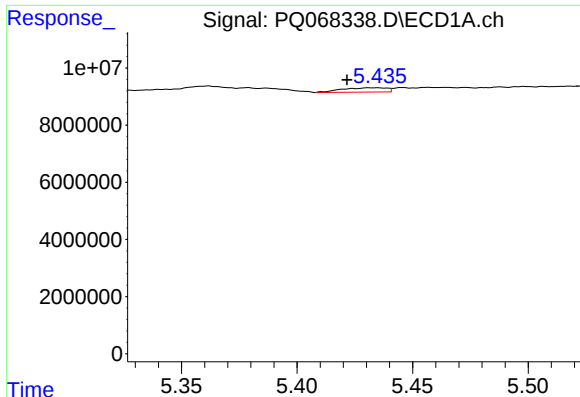
#19 AR-1242-4

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 325514
Conc: 2.01 ng/ml



#19 AR-1242-4

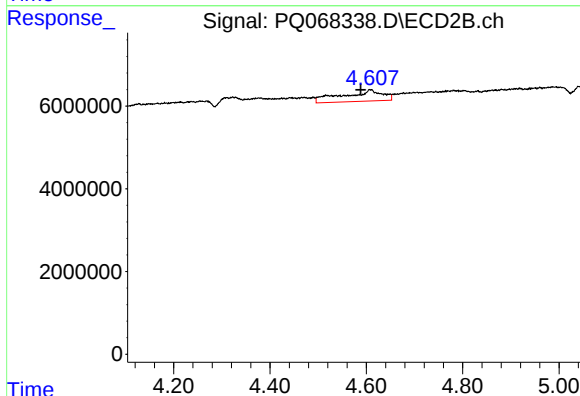
R.T.: 0.000 min
Exp R.T. : 4.091 min
Response: 0
Conc: N.D.



#20 AR-1242-5

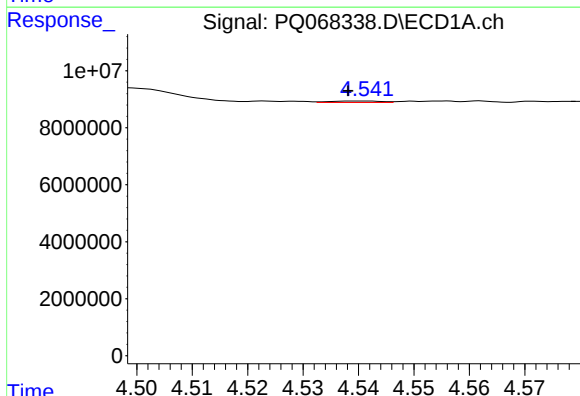
R.T.: 5.434 min
Delta R.T.: 0.013 min
Response: 2025389
Conc: 11.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



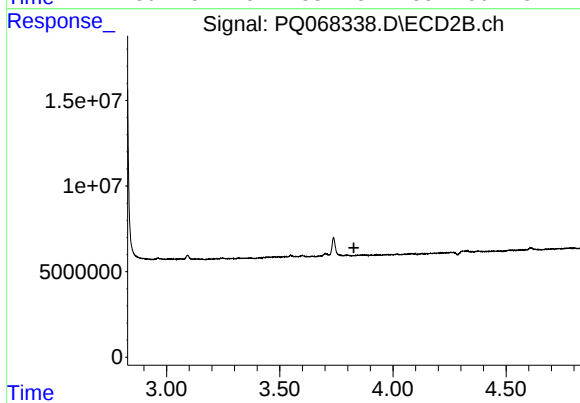
#20 AR-1242-5

R.T.: 4.609 min
Delta R.T.: 0.021 min
Response: 15609666
Conc: 80.75 ng/ml



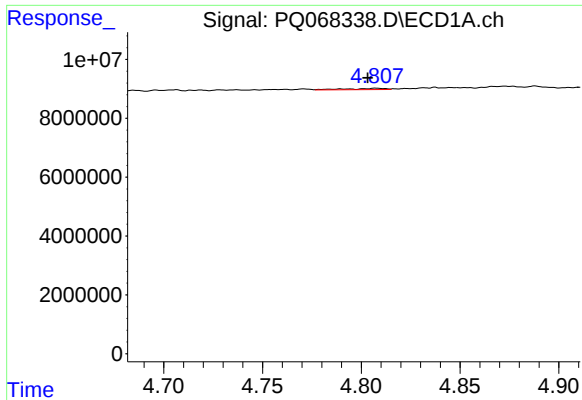
#21 AR-1248-1

R.T.: 4.540 min
Delta R.T.: 0.002 min
Response: 330204
Conc: 2.14 ng/ml



#21 AR-1248-1

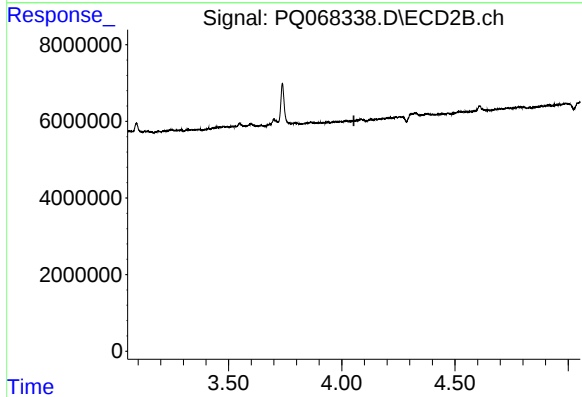
R.T.: 0.000 min
Exp R.T. : 3.828 min
Response: 0
Conc: N.D.



#22 AR-1248-2

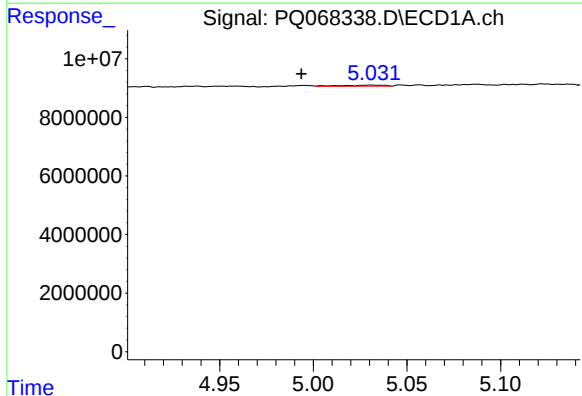
R.T.: 4.808 min
Delta R.T.: 0.004 min
Response: 629196
Conc: 2.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



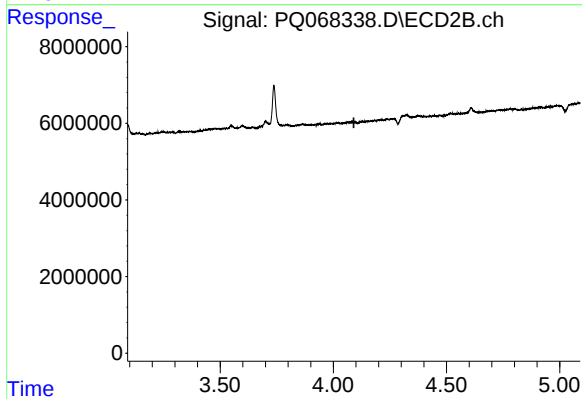
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.053 min
Response: 0
Conc: N.D.



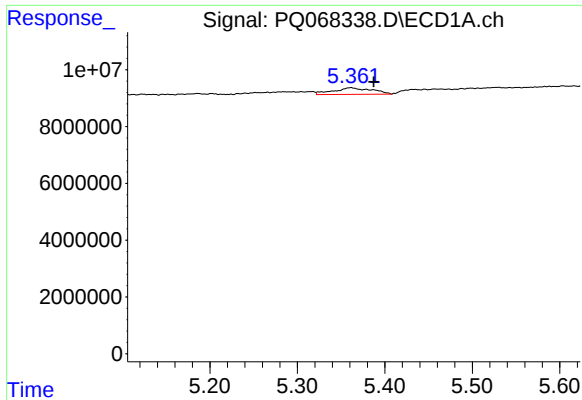
#23 AR-1248-3

R.T.: 5.031 min
Delta R.T.: 0.037 min
Response: 604381
Conc: 2.40 ng/ml



#23 AR-1248-3

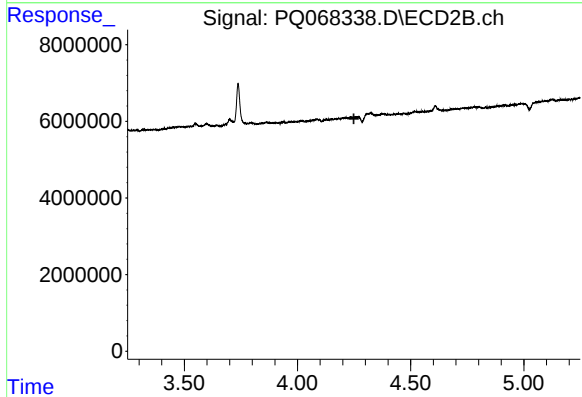
R.T.: 0.000 min
Exp R.T. : 4.091 min
Response: 0
Conc: N.D.



#24 AR-1248-4

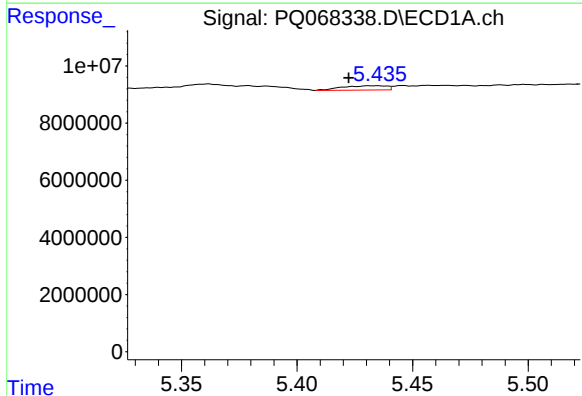
R.T.: 5.361 min
Delta R.T.: -0.026 min
Response: 7037117
Conc: 25.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



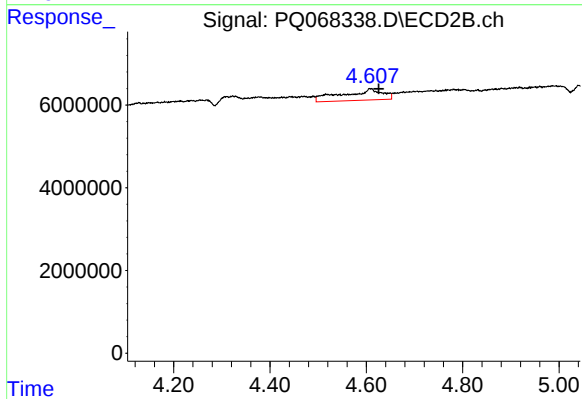
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.249 min
Response: 0
Conc: N.D.



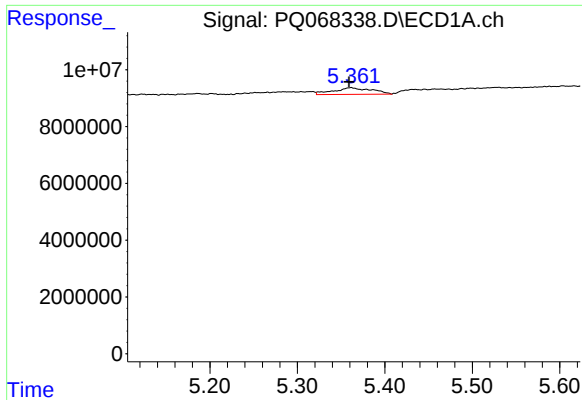
#25 AR-1248-5

R.T.: 5.434 min
Delta R.T.: 0.012 min
Response: 2025389
Conc: 7.18 ng/ml



#25 AR-1248-5

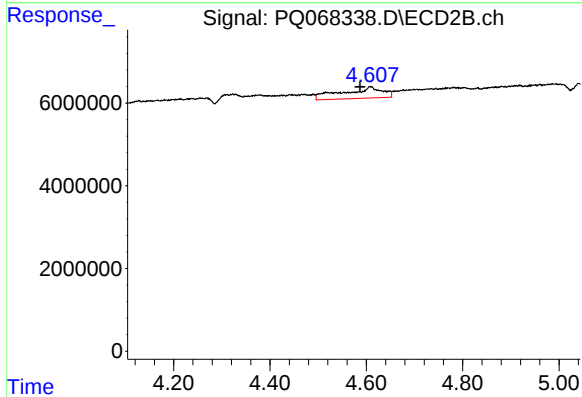
R.T.: 4.609 min
Delta R.T.: -0.017 min
Response: 15609666
Conc: 59.00 ng/ml



#26 AR-1254-1

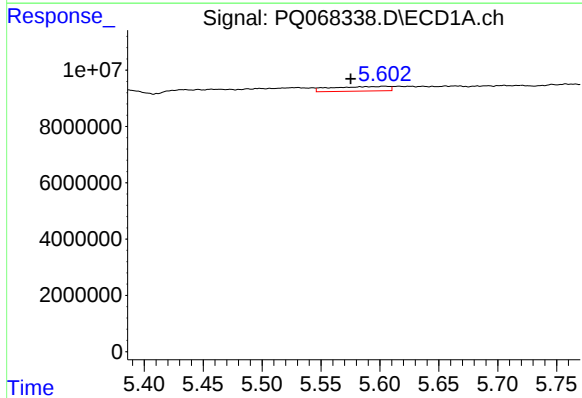
R.T.: 5.361 min
Delta R.T.: 0.002 min
Response: 7037117
Conc: 25.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



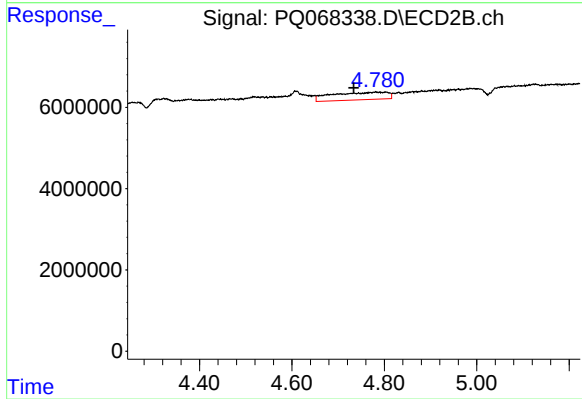
#26 AR-1254-1

R.T.: 4.609 min
Delta R.T.: 0.022 min
Response: 15609666
Conc: 39.73 ng/ml



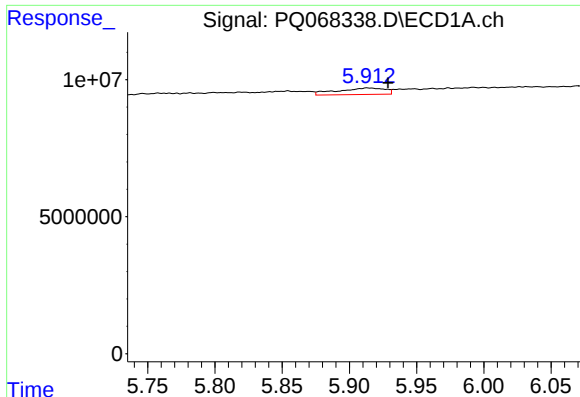
#27 AR-1254-2

R.T.: 5.603 min
Delta R.T.: 0.028 min
Response: 5623649
Conc: 13.17 ng/ml



#27 AR-1254-2

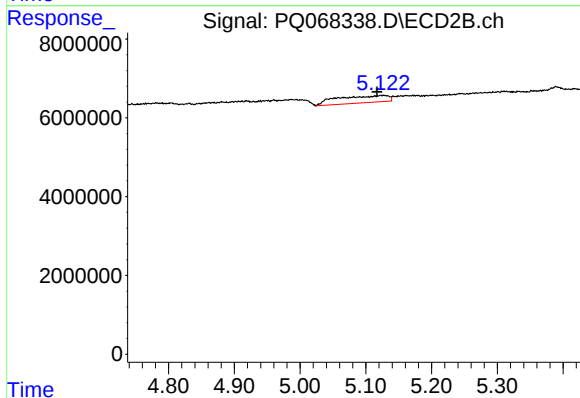
R.T.: 4.781 min
Delta R.T.: 0.047 min
Response: 15545177
Conc: 45.30 ng/ml



#28 AR-1254-3

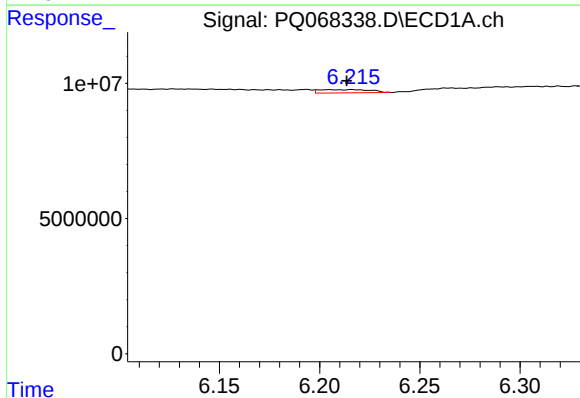
R.T.: 5.914 min
Delta R.T.: -0.015 min
Response: 5859494
Conc: 13.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



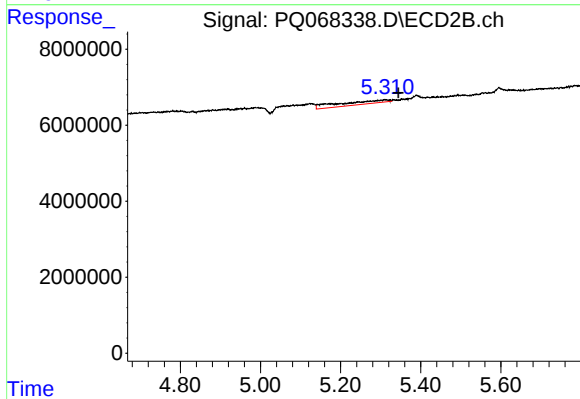
#28 AR-1254-3

R.T.: 5.126 min
Delta R.T.: 0.009 min
Response: 9690773
Conc: 17.90 ng/ml



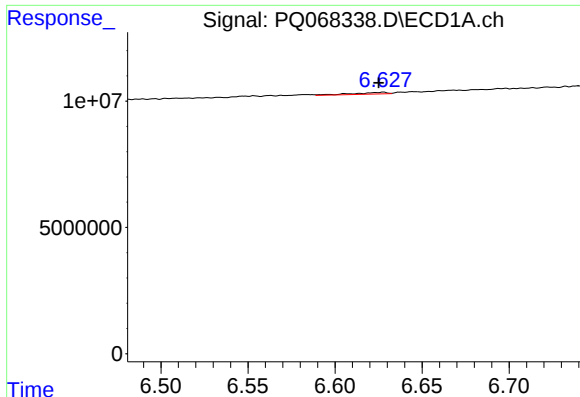
#29 AR-1254-4

R.T.: 6.216 min
Delta R.T.: 0.003 min
Response: 2127140
Conc: 6.65 ng/ml



#29 AR-1254-4

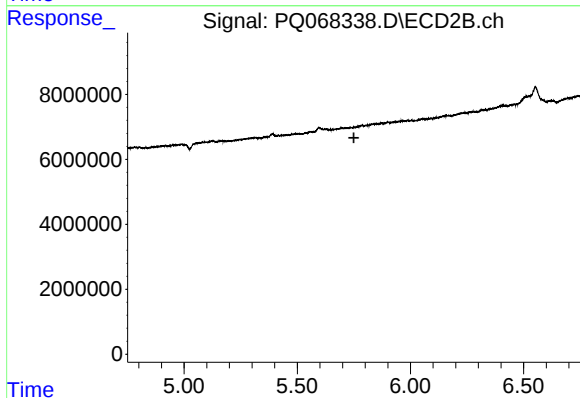
R.T.: 5.311 min
Delta R.T.: -0.033 min
Response: 8027632
Conc: 23.80 ng/ml



#30 AR-1254-5

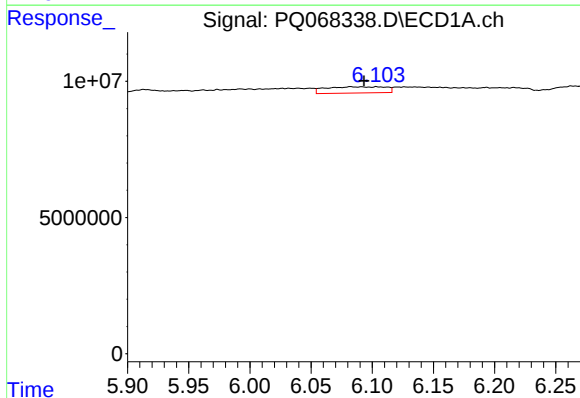
R.T.: 6.628 min
Delta R.T.: 0.002 min
Response: 895199
Conc: 2.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



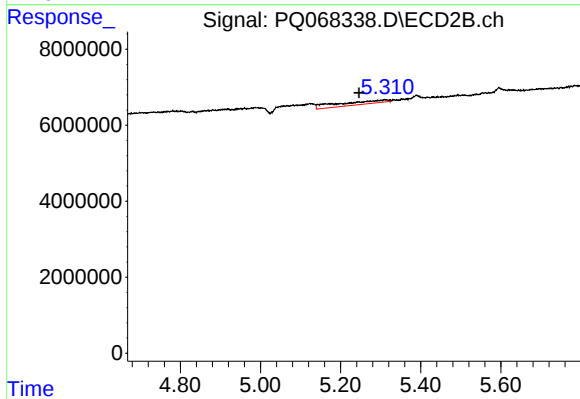
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 5.750 min
Response: 0
Conc: N.D.



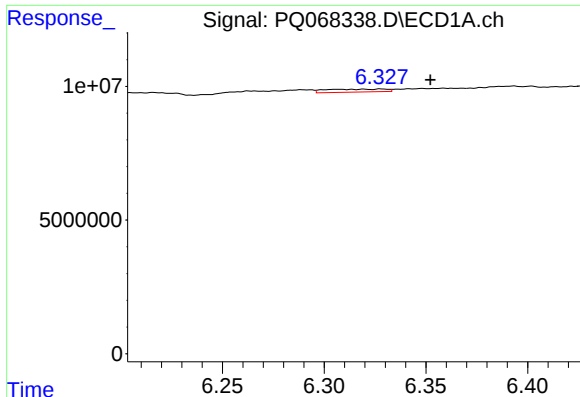
#31 AR-1260-1

R.T.: 6.082 min
Delta R.T.: -0.011 min
Response: 7774527
Conc: 23.56 ng/ml



#31 AR-1260-1

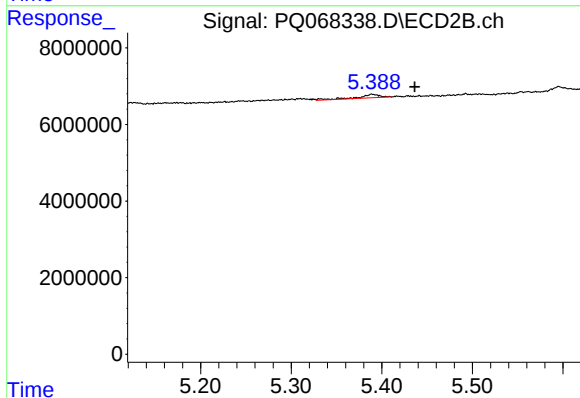
R.T.: 5.311 min
Delta R.T.: 0.064 min
Response: 8027632
Conc: 22.07 ng/ml



#32 AR-1260-2

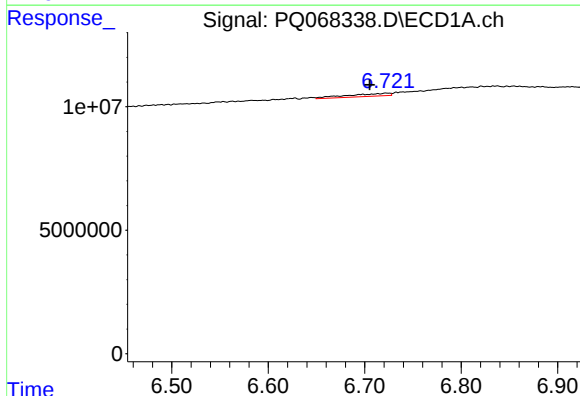
R.T.: 6.328 min
Delta R.T.: -0.024 min
Response: 2281593
Conc: 6.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



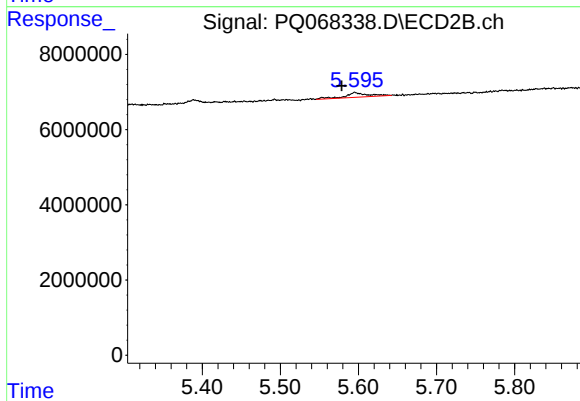
#32 AR-1260-2

R.T.: 5.390 min
Delta R.T.: -0.047 min
Response: 1485123
Conc: 3.38 ng/ml



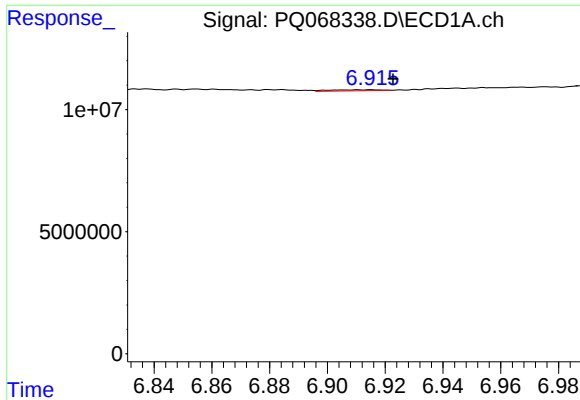
#33 AR-1260-3

R.T.: 6.722 min
Delta R.T.: 0.017 min
Response: 3505846
Conc: 12.68 ng/ml



#33 AR-1260-3

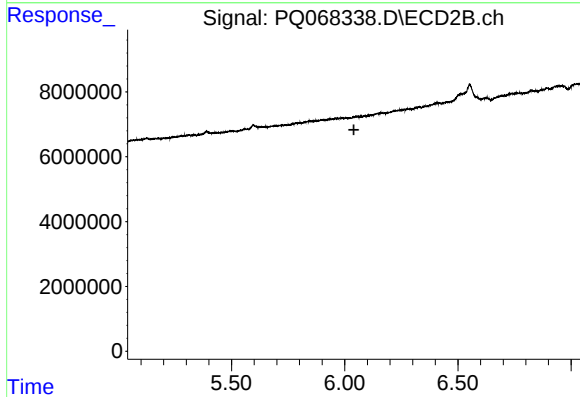
R.T.: 5.596 min
Delta R.T.: 0.017 min
Response: 2426973
Conc: 5.63 ng/ml



#34 AR-1260-4

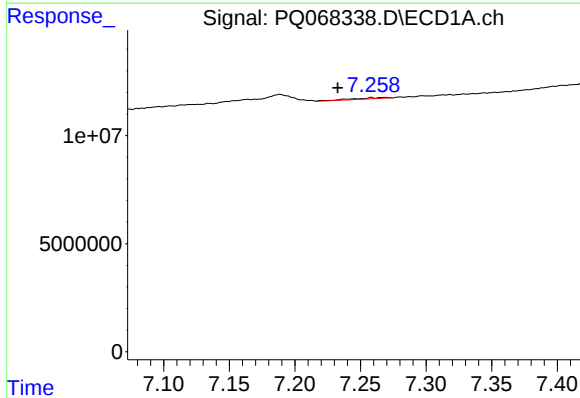
R.T.: 6.915 min
Delta R.T.: -0.008 min
Response: 511603
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



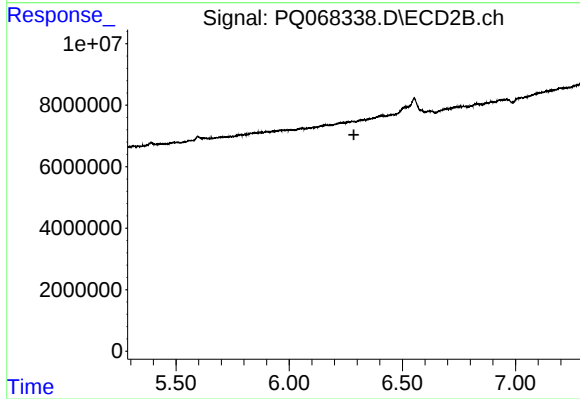
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



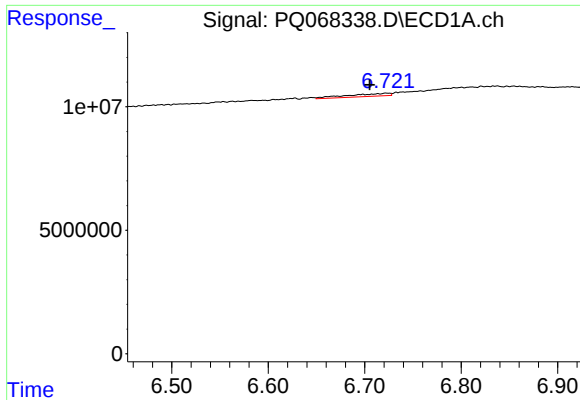
#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.025 min
Response: 1070529
Conc: 1.83 ng/ml



#35 AR-1260-5

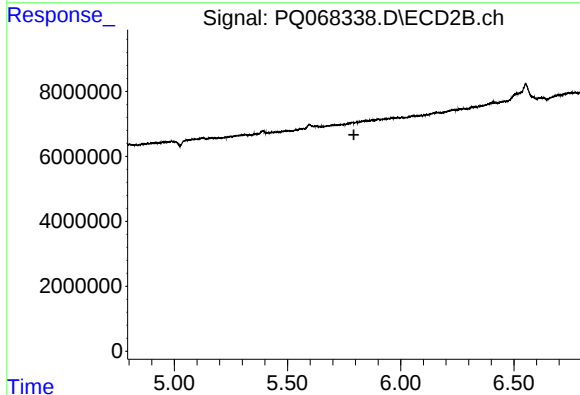
R.T.: 0.000 min
Exp R.T. : 6.286 min
Response: 0
Conc: N.D.



#36 AR-1262-1

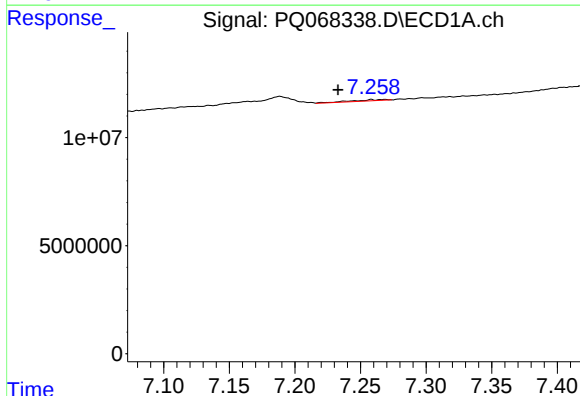
R.T.: 6.722 min
Delta R.T.: 0.017 min
Response: 3505846
Conc: 8.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



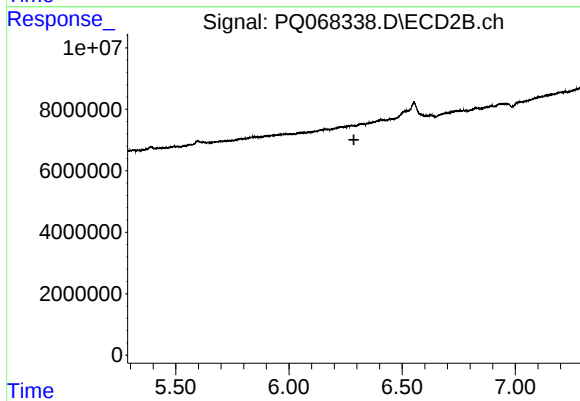
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 5.793 min
Response: 0
Conc: N.D.



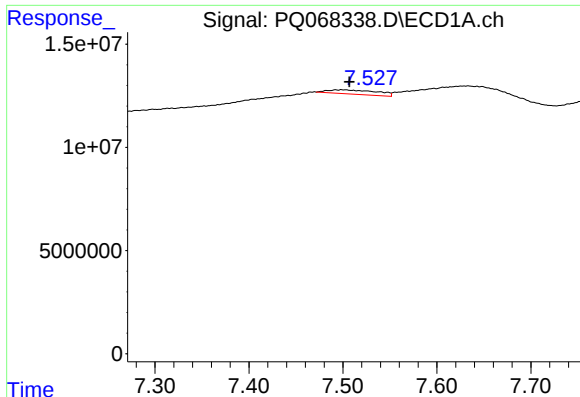
#37 AR-1262-2

R.T.: 7.258 min
Delta R.T.: 0.025 min
Response: 1070529
Conc: 1.57 ng/ml



#37 AR-1262-2

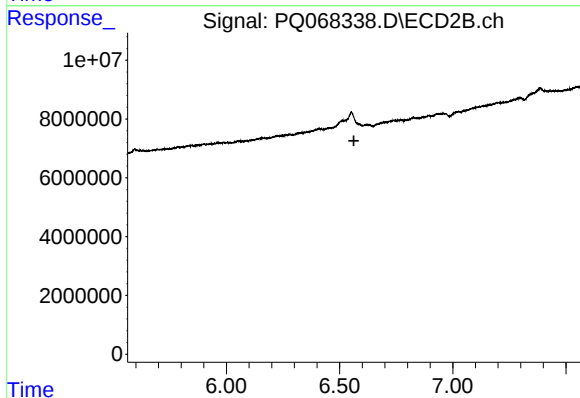
R.T.: 0.000 min
Exp R.T. : 6.287 min
Response: 0
Conc: N.D.



#38 AR-1262-3

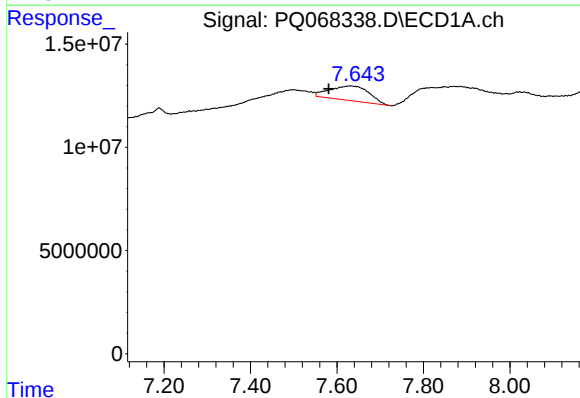
R.T.: 7.502 min
Delta R.T.: -0.005 min
Response: 7348785
Conc: 16.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



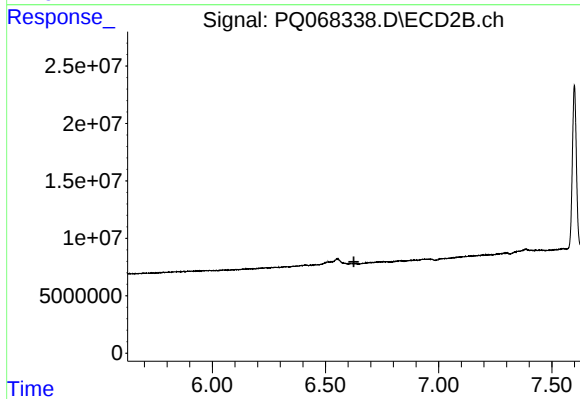
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 6.563 min
Response: 0
Conc: N.D.



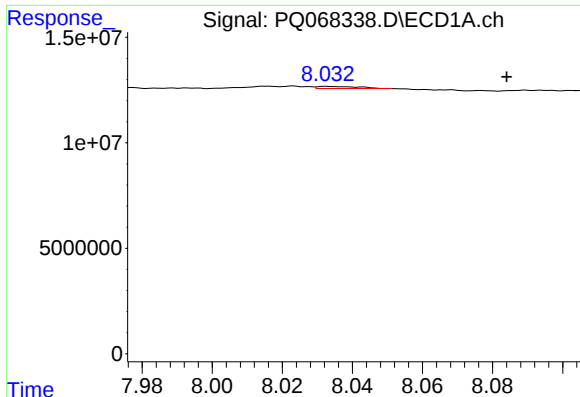
#39 AR-1262-4

R.T.: 7.633 min
Delta R.T.: 0.052 min
Response: 43969138
Conc: 128.34 ng/ml



#39 AR-1262-4

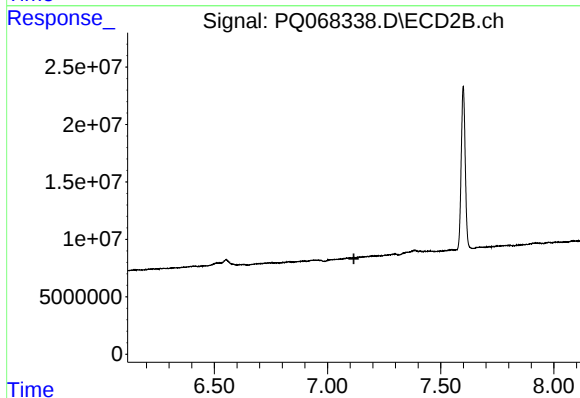
R.T.: 0.000 min
Exp R.T. : 6.625 min
Response: 0
Conc: N.D.



#40 AR-1262-5

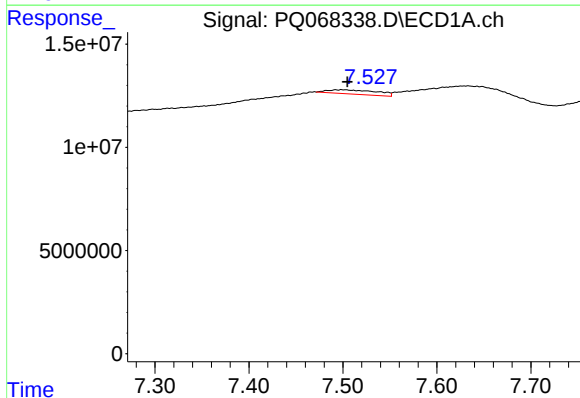
R.T.: 8.033 min
Delta R.T.: -0.051 min
Response: 680763
Conc: 3.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



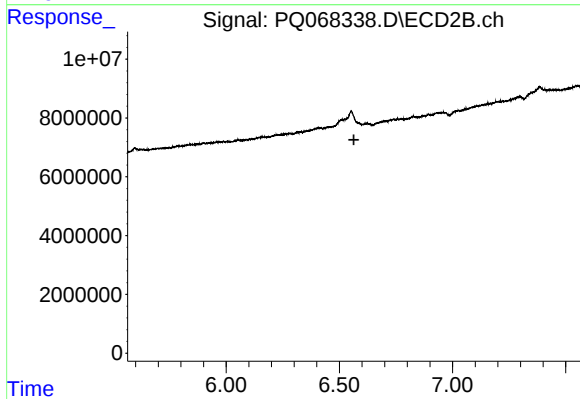
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.116 min
Response: 0
Conc: N.D.



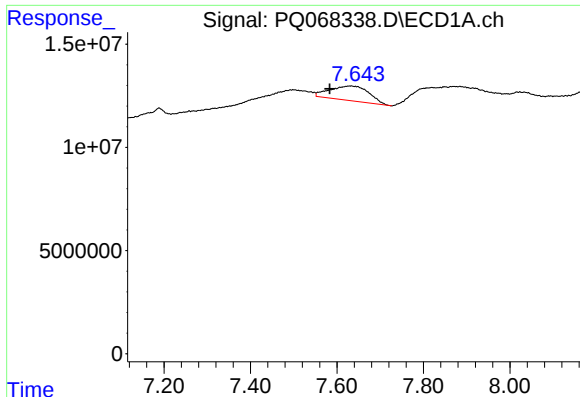
#41 AR-1268-1

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 7348785
Conc: 9.56 ng/ml



#41 AR-1268-1

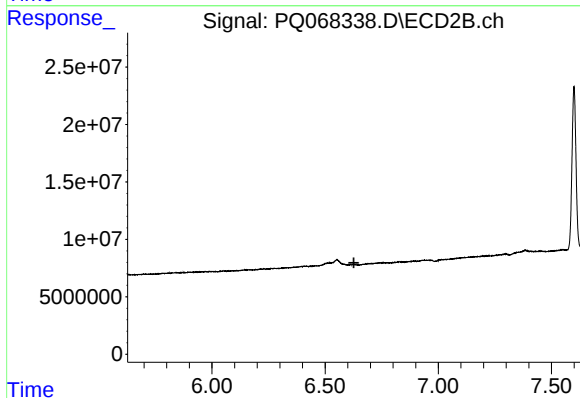
R.T.: 0.000 min
Exp R.T. : 6.564 min
Response: 0
Conc: N.D.



#42 AR-1268-2

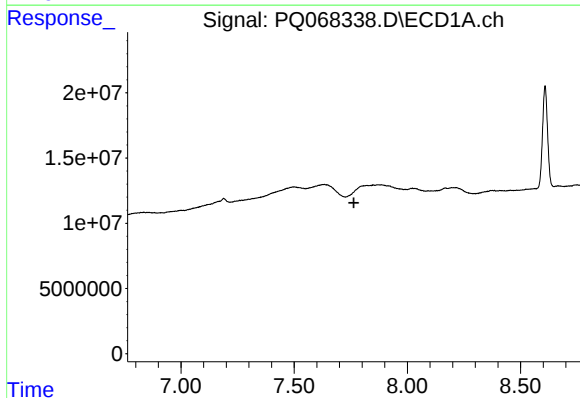
R.T.: 7.633 min
Delta R.T.: 0.050 min
Response: 43969138
Conc: 61.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



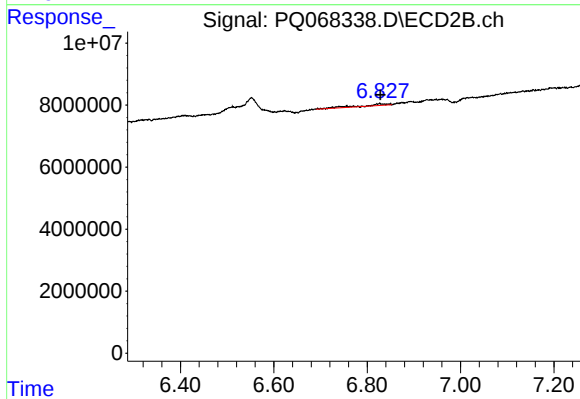
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 6.627 min
Response: 0
Conc: N.D.



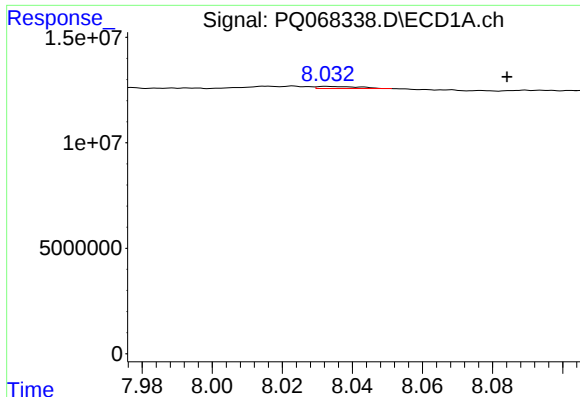
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.764 min
Response: 0
Conc: N.D.



#43 AR-1268-3

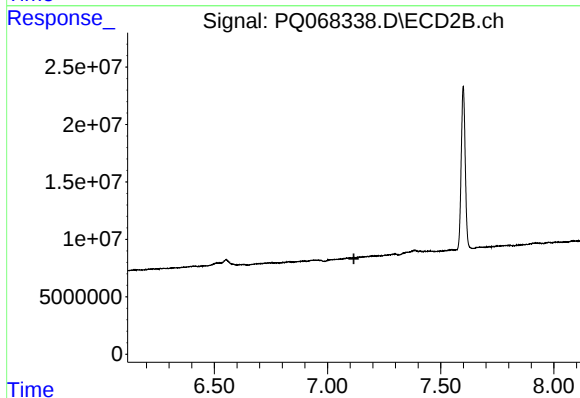
R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 2185394
Conc: 2.68 ng/ml



#44 AR-1268-4

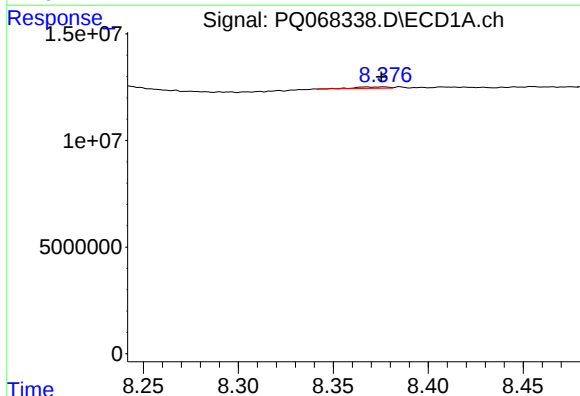
R.T.: 8.033 min
Delta R.T.: -0.051 min
Response: 680763
Conc: 2.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



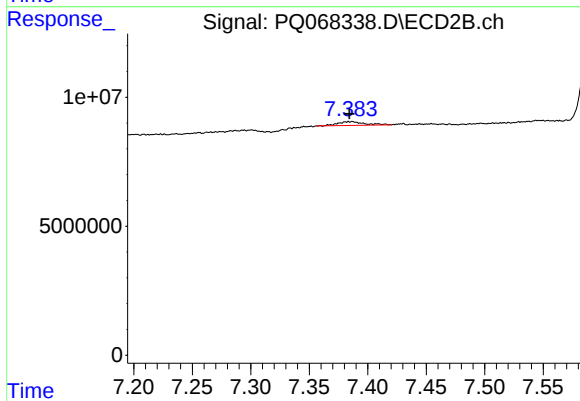
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.116 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 757778
Conc: 0.47 ng/ml



#45 AR-1268-5

R.T.: 7.385 min
Delta R.T.: 0.000 min
Response: 2293073
Conc: 0.95 ng/ml