

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070623\
 Data File : PQ061948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 09:24
 Operator : YP\AJ
 Sample : I.BLK
 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: Jul 06 21:22:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 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...	3.409	2.758	101.9E6	55881616	20.884	22.272
2)	SA Decachlor...	8.592	7.529	81206687	72409489	22.354	21.730
Target Compounds							
3)	L1 AR-1016-1	4.529f	3.761	245450	82610	1.490	0.835 #
4)	L1 AR-1016-2	4.529	3.775	245450	37935	0.993	0.263 #
5)	L1 AR-1016-3	4.574	3.949	88176	75232	0.579	0.997 #
6)	L1 AR-1016-4	4.670	3.976	155071	306581	1.237	4.668 #
7)	L1 AR-1016-5	4.967	4.176	383725	851267	3.153	10.384 #
8)	L2 AR-1221-1	3.621	2.967	863904	52319	14.373	1.586 #
9)	L2 AR-1221-2	3.688	3.028	3506652	939023	78.042	36.969 #
10)	L2 AR-1221-3	3.771	3.102	3137297	66977	22.327	0.869 #
11)	L3 AR-1232-1	3.771	3.102	3137297	66977	29.709	1.169 #
12)	L3 AR-1232-2	4.237	3.775	441351	37935	7.461	0.570 #
13)	L3 AR-1232-3	4.529	3.949	245450	75232	2.171	2.177
14)	L3 AR-1232-4	4.670	4.016	155071	764966	2.737	25.722 #
15)	L3 AR-1232-5	4.764	4.176	160871	851267	4.017	23.871 #
16)	L4 AR-1242-1	4.529	3.761	245450	82610	1.878	1.068 #
17)	L4 AR-1242-2	4.529	3.775	245450	37935	1.264	0.341 #
18)	L4 AR-1242-3	4.574	3.949	88176	75232	0.730	1.284 #
19)	L4 AR-1242-4	4.670	4.016	155071	764966	1.591	13.048 #
20)	L4 AR-1242-5	5.361f	4.518	4954677	614702	51.757	7.416 #
21)	L5 AR-1248-1	4.529	3.761	245450	82610	2.361	1.321 #
22)	L5 AR-1248-2	4.764	3.976	160871	306581	1.120	3.270 #
23)	L5 AR-1248-3	4.967	4.016	383725	764966	2.209	8.449 #
24)	L5 AR-1248-4	5.361	4.176	4954677	851267	25.815	7.544 #
25)	L5 AR-1248-5	5.361f	4.555	4954677	506884	27.355	4.524 #
26)	L6 AR-1254-1	5.329	4.518	3083179	614702	16.592	3.807 #
27)	L6 AR-1254-2	5.539	4.666	98194	287238	0.338	1.951 #
28)	L6 AR-1254-3	5.881	5.055	1267149	6833739	4.126	29.241 #
29)	L6 AR-1254-4	6.203	5.243f	3970716	4331407	17.101	28.419 #
30)	L6 AR-1254-5	6.623f	5.649f	91302	32921	0.355	0.143 #
31)	L7 AR-1260-1	6.075	5.177	259669	2264711	1.101	13.598 #
32)	L7 AR-1260-2	6.331	5.370	856633	2108225	2.966	10.138 #
33)	L7 AR-1260-3	6.682	5.496	144075	638387	0.816	3.281 #
34)	L7 AR-1260-4	6.935f	5.949	2255435	637463	10.707	4.370 #
35)	L7 AR-1260-5	0.000	6.209	0	473432	N.D.	1.426 #
36)	L8 AR-1262-1	6.682	5.721	144075	248550	0.472	1.069 #
37)	L8 AR-1262-2	0.000	5.949	0	637463	N.D.	2.948 #
38)	L8 AR-1262-3	7.525f	0.000	128746	0	0.365	N.D. #
39)	L8 AR-1262-4	7.525f	6.553	128746	1284049	0.483	3.984 #
41)	L9 AR-1268-1	7.525f	0.000	128746	0	0.227	N.D. #
42)	L9 AR-1268-2	7.583f	6.553	293428	1284049	0.575	3.031 #

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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
45) L9	AR-1268-5	8.356	7.313	942467	323811	0.748	0.277 #

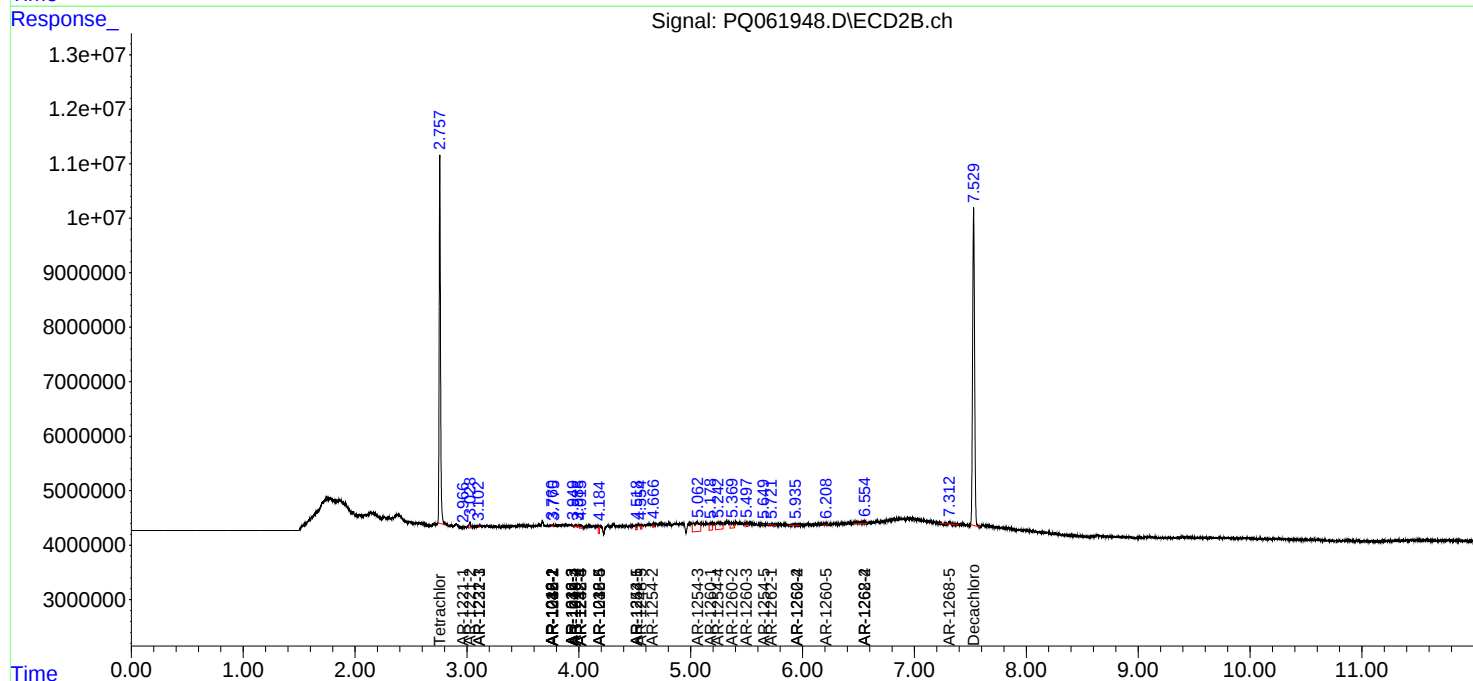
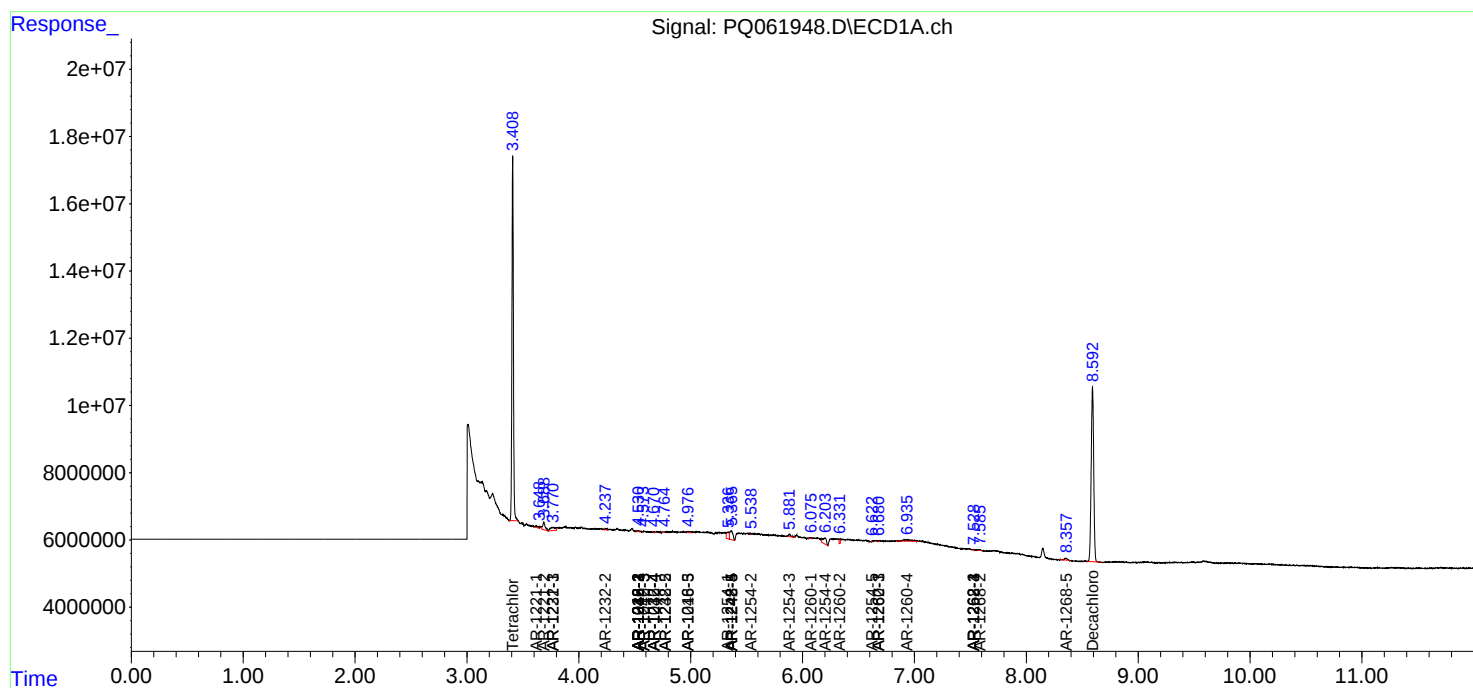
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

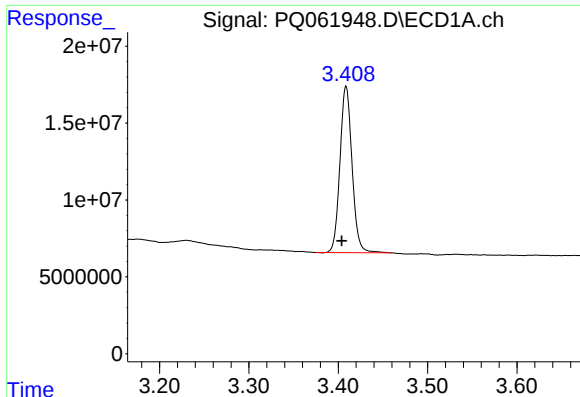
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

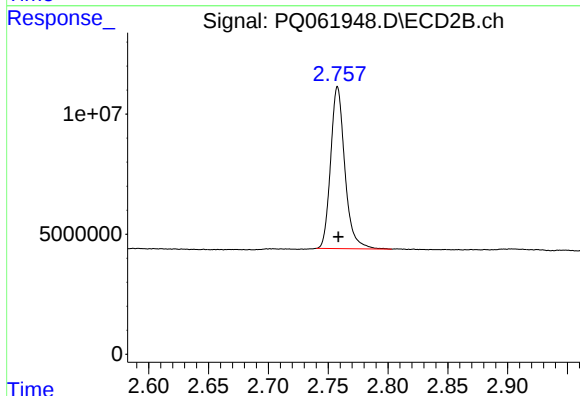




#1 Tetrachloro-m-xylene

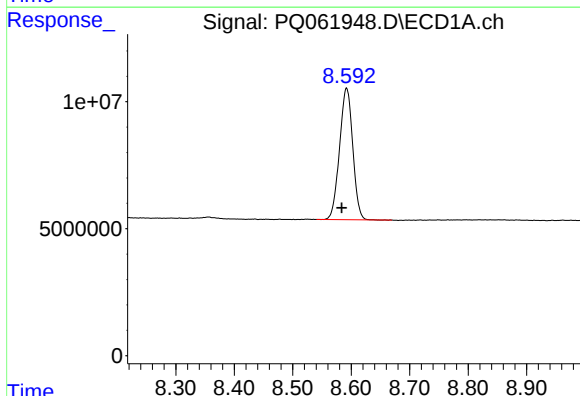
R.T.: 3.409 min
Delta R.T.: 0.005 min
Response: 101876874
Conc: 20.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



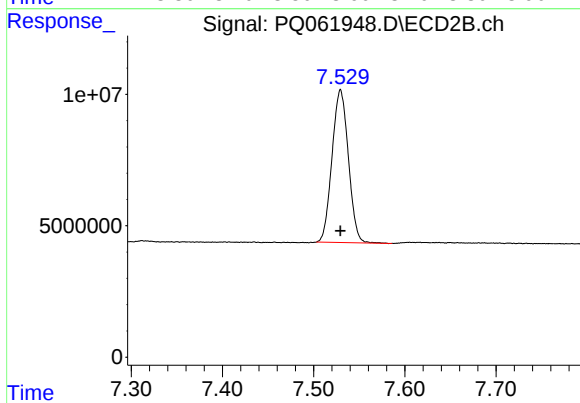
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 55881616
Conc: 22.27 ng/ml



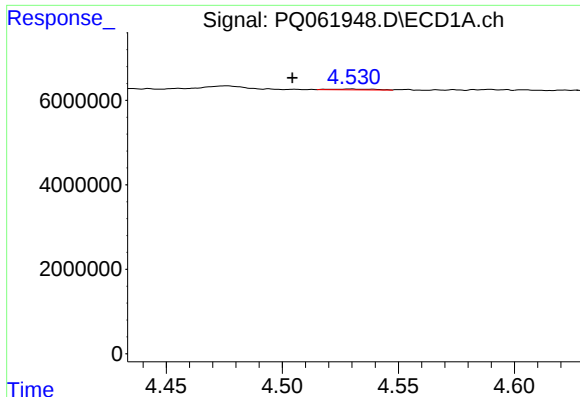
#2 Decachlorobiphenyl

R.T.: 8.592 min
Delta R.T.: 0.008 min
Response: 81206687
Conc: 22.35 ng/ml



#2 Decachlorobiphenyl

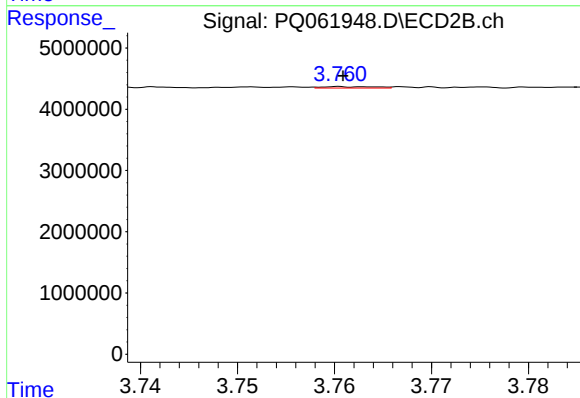
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 72409489
Conc: 21.73 ng/ml



#3 AR-1016-1

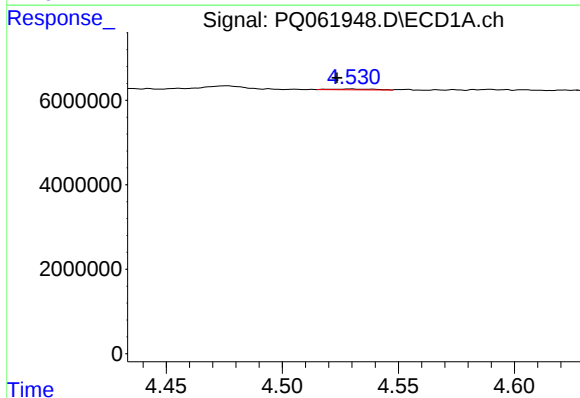
R.T.: 4.529 min
Delta R.T.: 0.025 min
Response: 245450
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



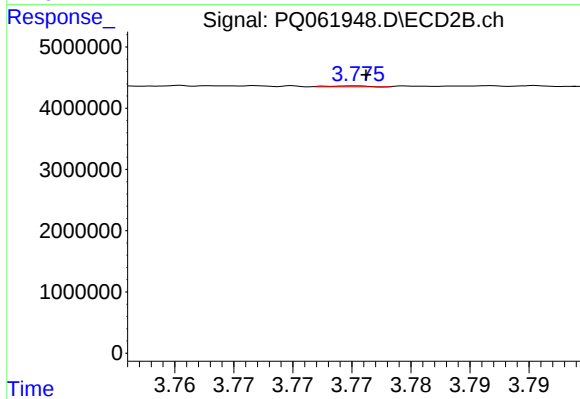
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 82610
Conc: 0.83 ng/ml



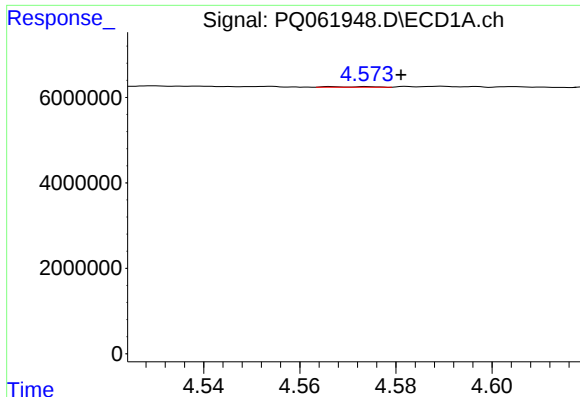
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.006 min
Response: 245450
Conc: 0.99 ng/ml



#4 AR-1016-2

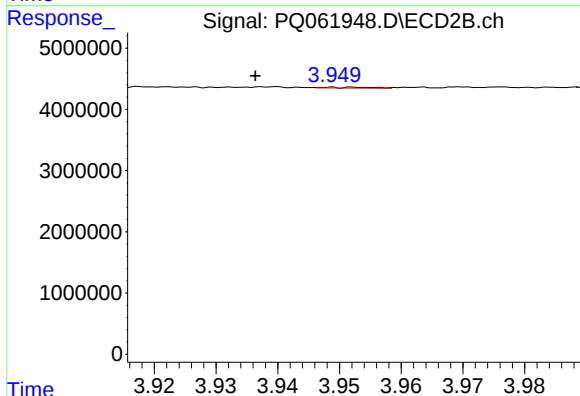
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 37935
Conc: 0.26 ng/ml



#5 AR-1016-3

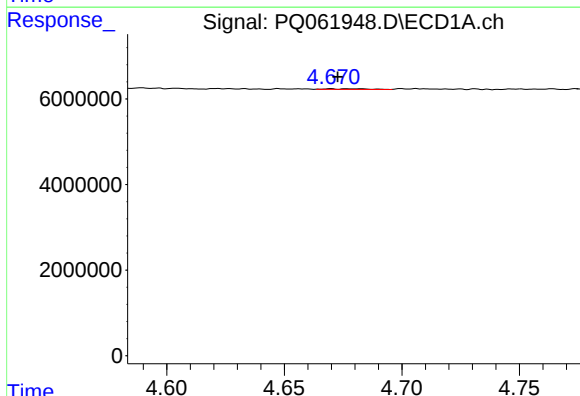
R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 88176
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



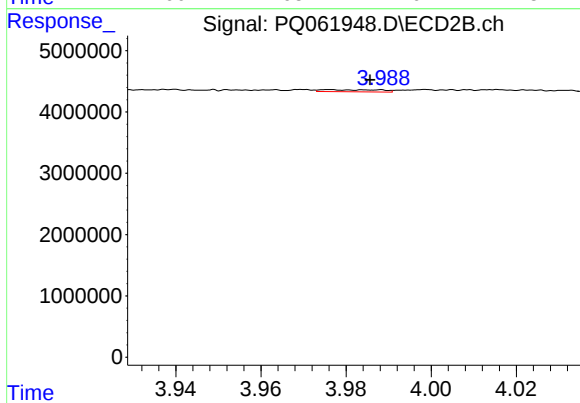
#5 AR-1016-3

R.T.: 3.949 min
Delta R.T.: 0.012 min
Response: 75232
Conc: 1.00 ng/ml



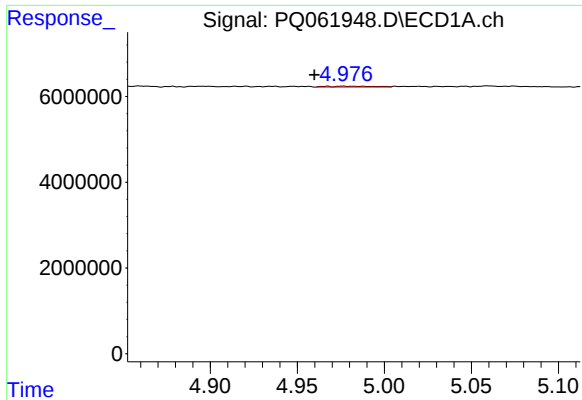
#6 AR-1016-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 155071
Conc: 1.24 ng/ml



#6 AR-1016-4

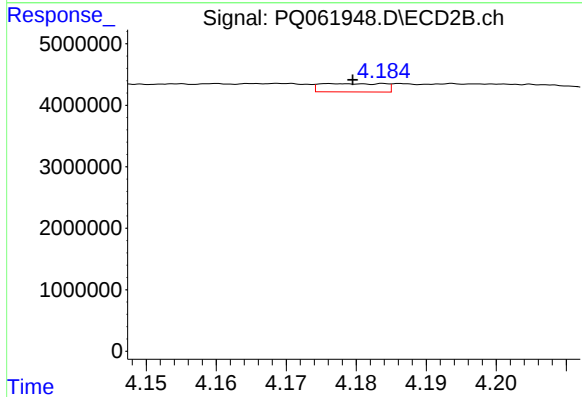
R.T.: 3.976 min
Delta R.T.: -0.009 min
Response: 306581
Conc: 4.67 ng/ml



#7 AR-1016-5

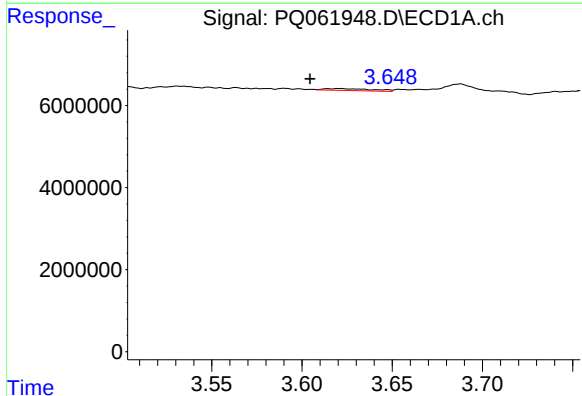
R.T.: 4.967 min
Delta R.T.: 0.007 min
Response: 383725
Conc: 3.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



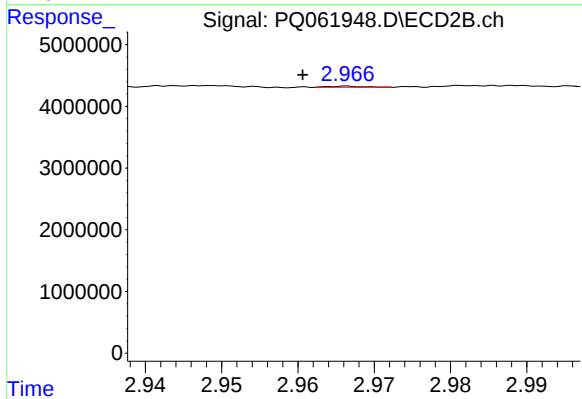
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 851267
Conc: 10.38 ng/ml



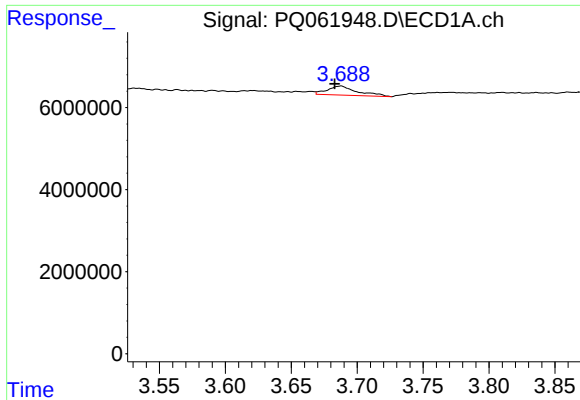
#8 AR-1221-1

R.T.: 3.621 min
Delta R.T.: 0.016 min
Response: 863904
Conc: 14.37 ng/ml



#8 AR-1221-1

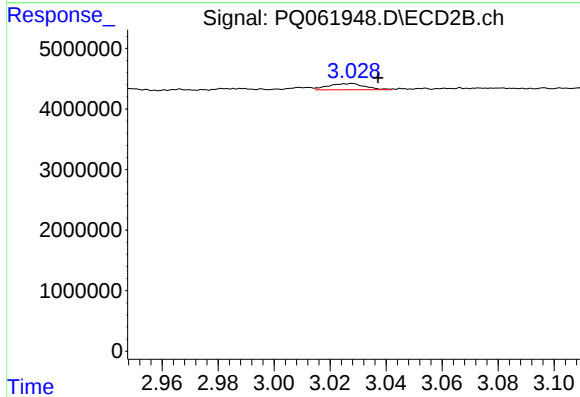
R.T.: 2.967 min
Delta R.T.: 0.006 min
Response: 52319
Conc: 1.59 ng/ml



#9 AR-1221-2

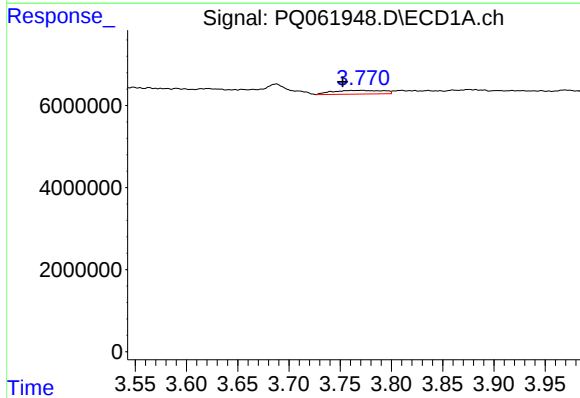
R.T.: 3.688 min
Delta R.T.: 0.004 min
Response: 3506652
Conc: 78.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



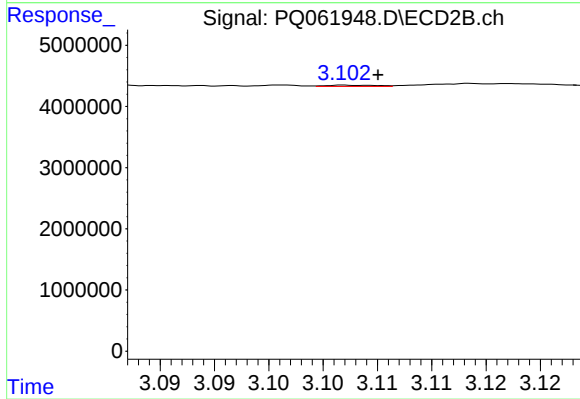
#9 AR-1221-2

R.T.: 3.028 min
Delta R.T.: -0.009 min
Response: 939023
Conc: 36.97 ng/ml



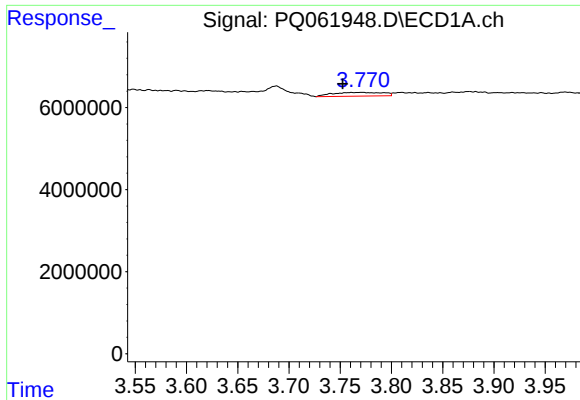
#10 AR-1221-3

R.T.: 3.771 min
Delta R.T.: 0.018 min
Response: 3137297
Conc: 22.33 ng/ml



#10 AR-1221-3

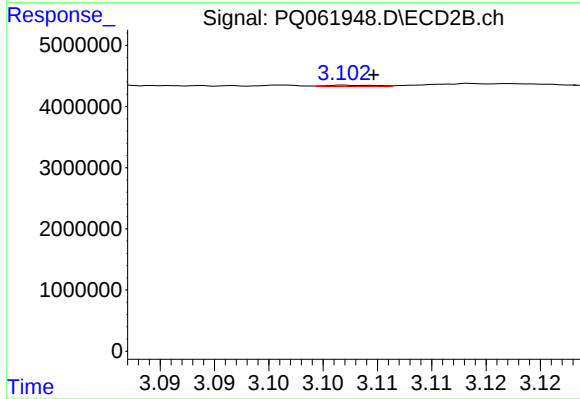
R.T.: 3.102 min
Delta R.T.: -0.003 min
Response: 66977
Conc: 0.87 ng/ml



#11 AR-1232-1

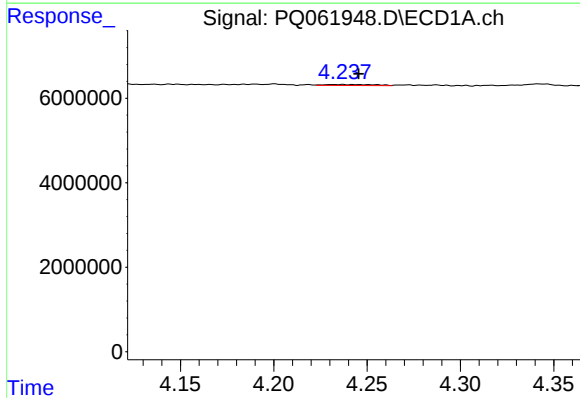
R.T.: 3.771 min
Delta R.T.: 0.018 min
Response: 3137297
Conc: 29.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



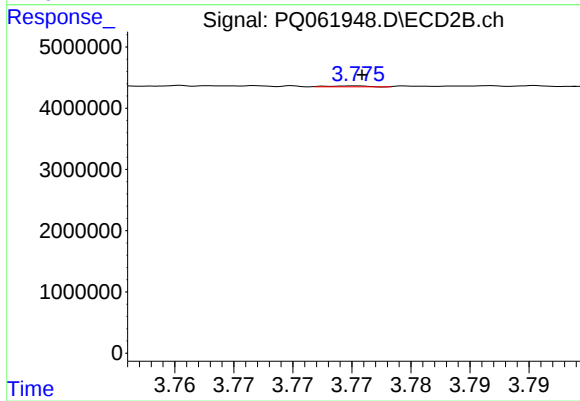
#11 AR-1232-1

R.T.: 3.102 min
Delta R.T.: -0.002 min
Response: 66977
Conc: 1.17 ng/ml



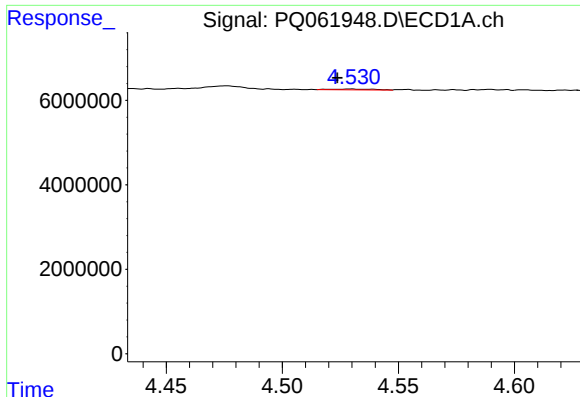
#12 AR-1232-2

R.T.: 4.237 min
Delta R.T.: -0.009 min
Response: 441351
Conc: 7.46 ng/ml



#12 AR-1232-2

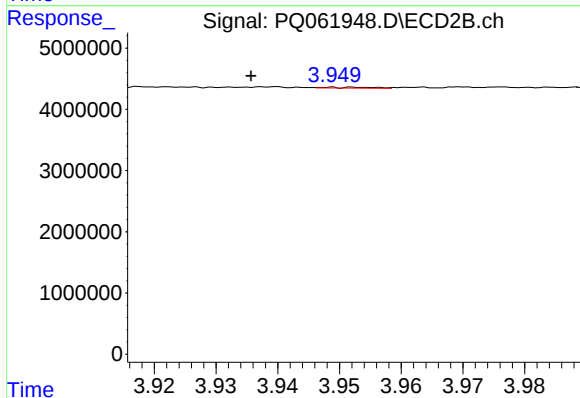
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 37935
Conc: 0.57 ng/ml



#13 AR-1232-3

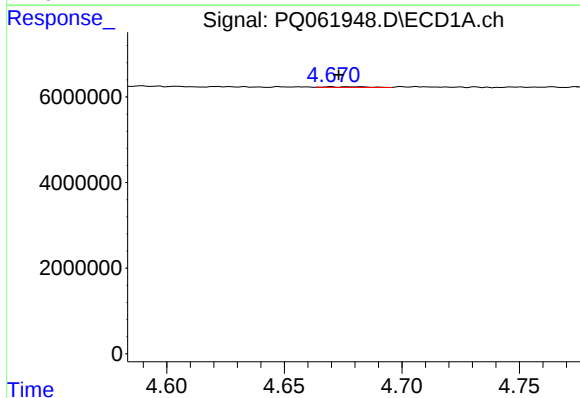
R.T.: 4.529 min
Delta R.T.: 0.006 min
Response: 245450
Conc: 2.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



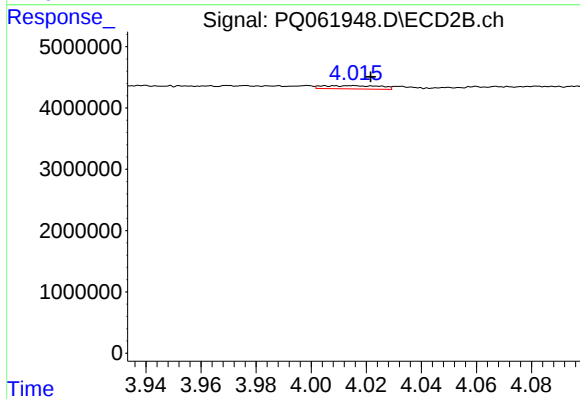
#13 AR-1232-3

R.T.: 3.949 min
Delta R.T.: 0.013 min
Response: 75232
Conc: 2.18 ng/ml



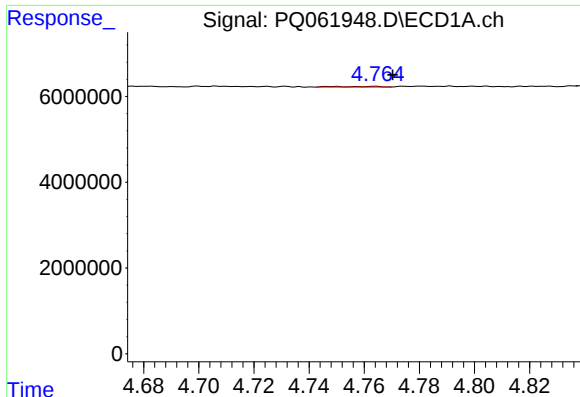
#14 AR-1232-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 155071
Conc: 2.74 ng/ml



#14 AR-1232-4

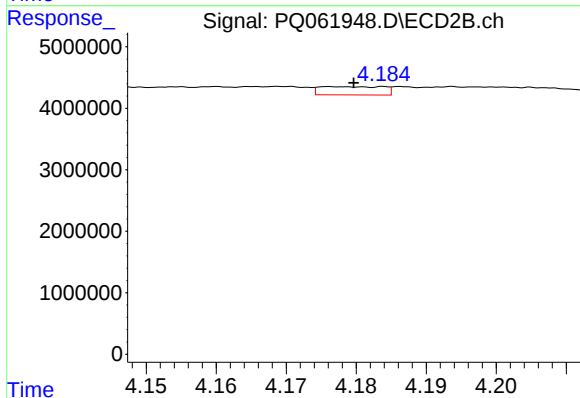
R.T.: 4.016 min
Delta R.T.: -0.006 min
Response: 764966
Conc: 25.72 ng/ml



#15 AR-1232-5

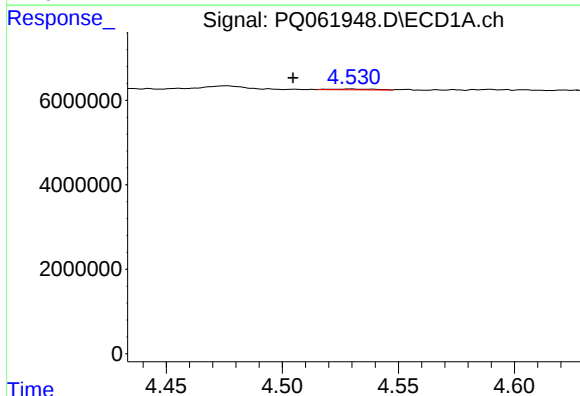
R.T.: 4.764 min
Delta R.T.: -0.006 min
Response: 160871
Conc: 4.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



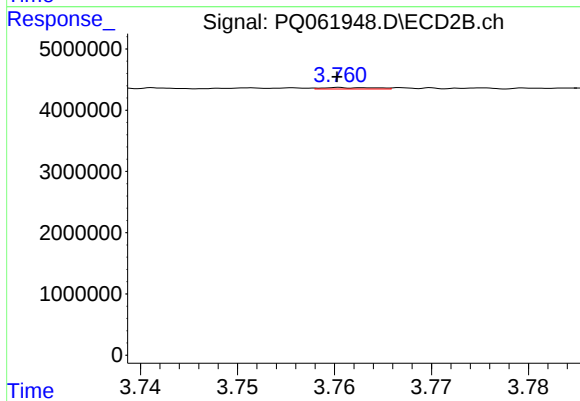
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 851267
Conc: 23.87 ng/ml



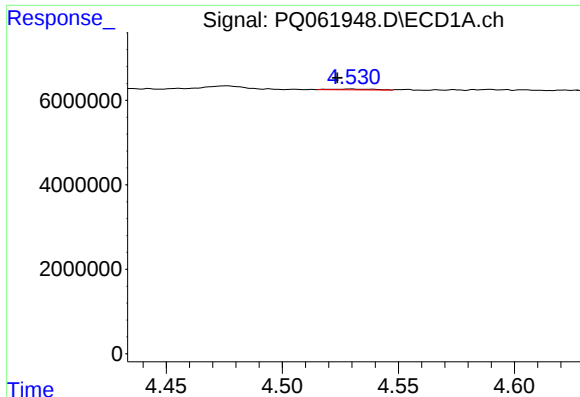
#16 AR-1242-1

R.T.: 4.529 min
Delta R.T.: 0.025 min
Response: 245450
Conc: 1.88 ng/ml



#16 AR-1242-1

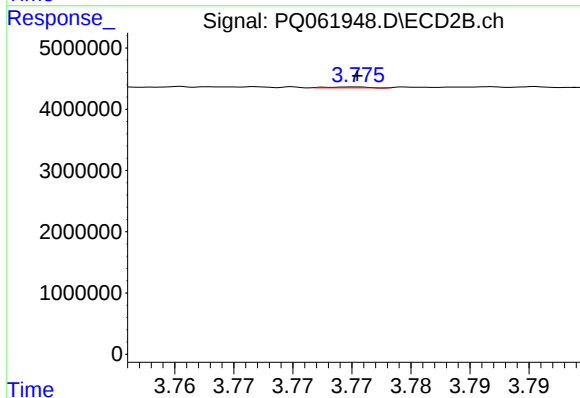
R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 82610
Conc: 1.07 ng/ml



#17 AR-1242-2

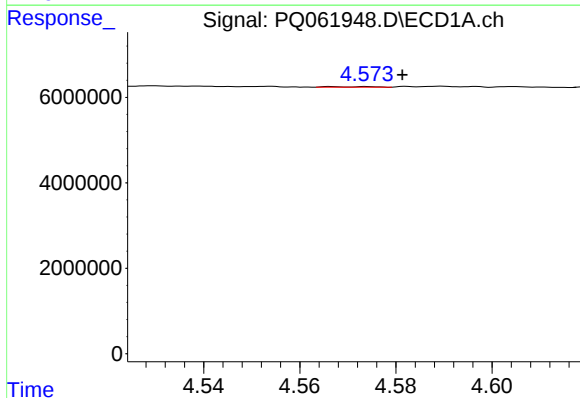
R.T.: 4.529 min
Delta R.T.: 0.006 min
Response: 245450
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



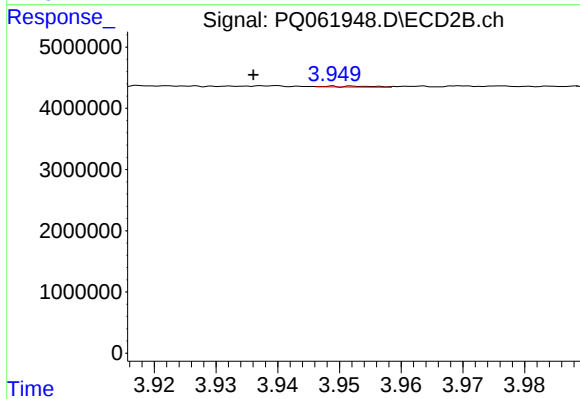
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 37935
Conc: 0.34 ng/ml



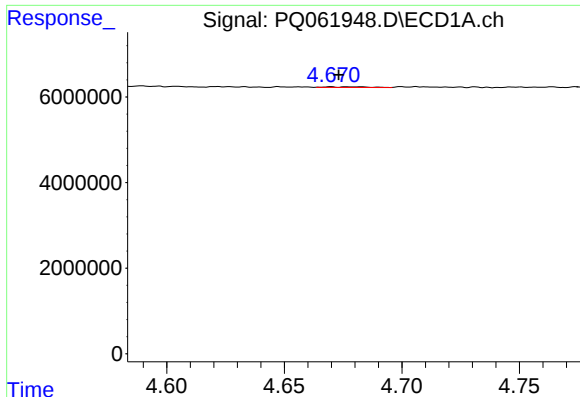
#18 AR-1242-3

R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 88176
Conc: 0.73 ng/ml



#18 AR-1242-3

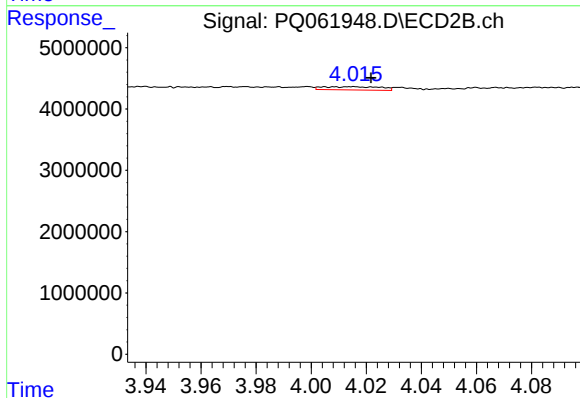
R.T.: 3.949 min
Delta R.T.: 0.013 min
Response: 75232
Conc: 1.28 ng/ml



#19 AR-1242-4

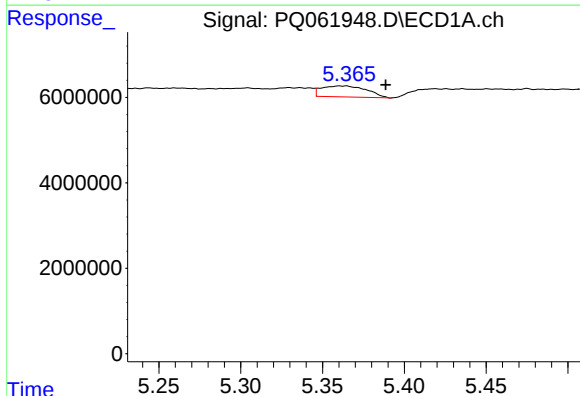
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 155071
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



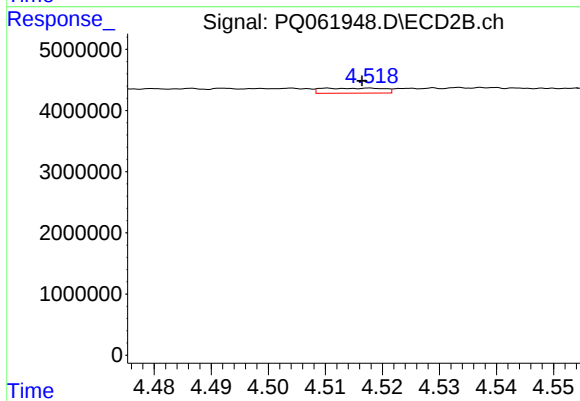
#19 AR-1242-4

R.T.: 4.016 min
Delta R.T.: -0.006 min
Response: 764966
Conc: 13.05 ng/ml



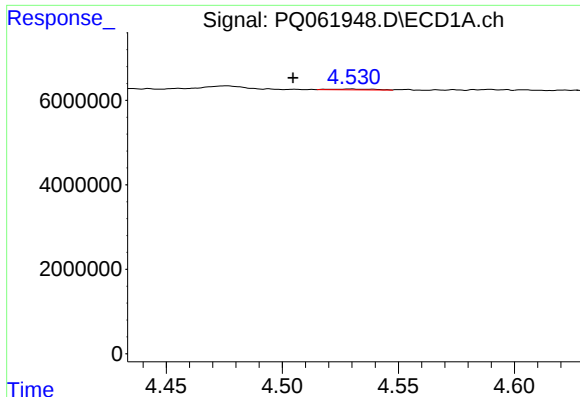
#20 AR-1242-5

R.T.: 5.361 min
Delta R.T.: -0.028 min
Response: 4954677
Conc: 51.76 ng/ml



#20 AR-1242-5

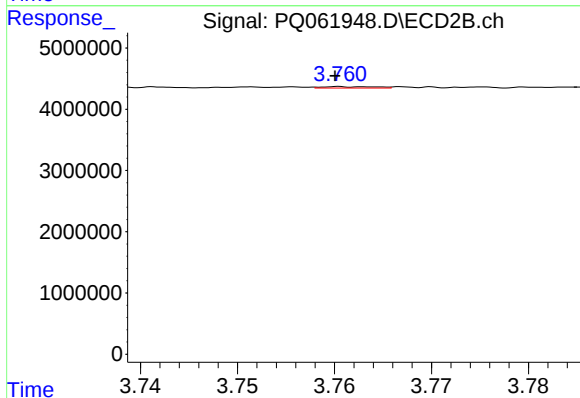
R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 614702
Conc: 7.42 ng/ml



#21 AR-1248-1

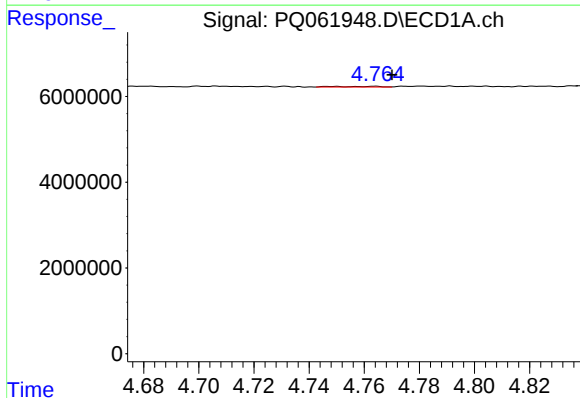
R.T.: 4.529 min
Delta R.T.: 0.025 min
Response: 245450
Conc: 2.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



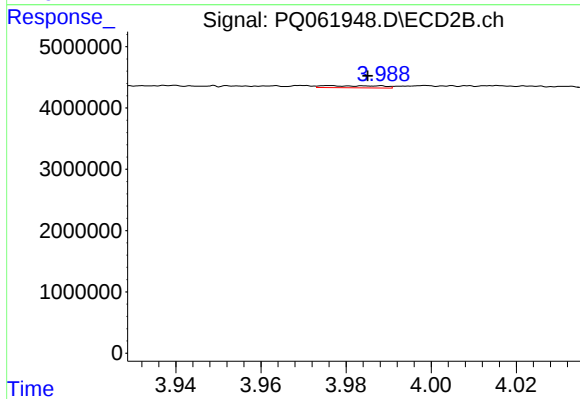
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 82610
Conc: 1.32 ng/ml



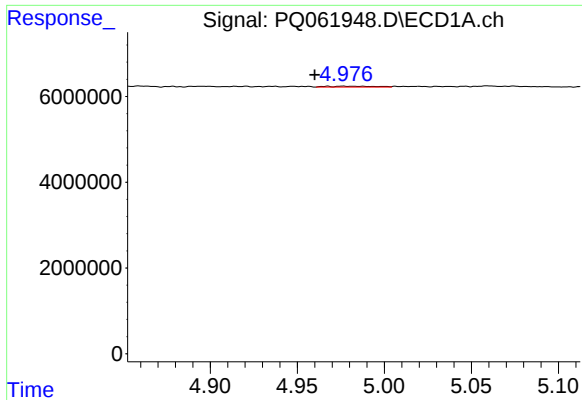
#22 AR-1248-2

R.T.: 4.764 min
Delta R.T.: -0.006 min
Response: 160871
Conc: 1.12 ng/ml



#22 AR-1248-2

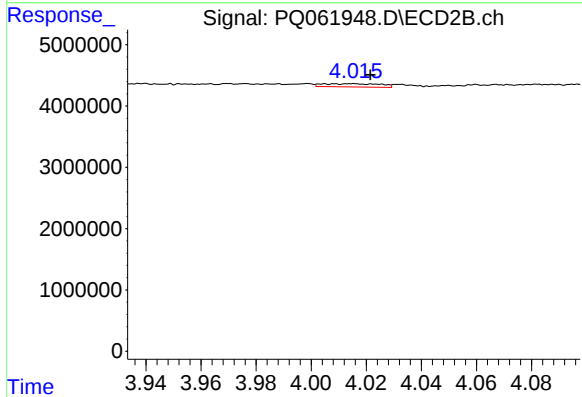
R.T.: 3.976 min
Delta R.T.: -0.009 min
Response: 306581
Conc: 3.27 ng/ml



#23 AR-1248-3

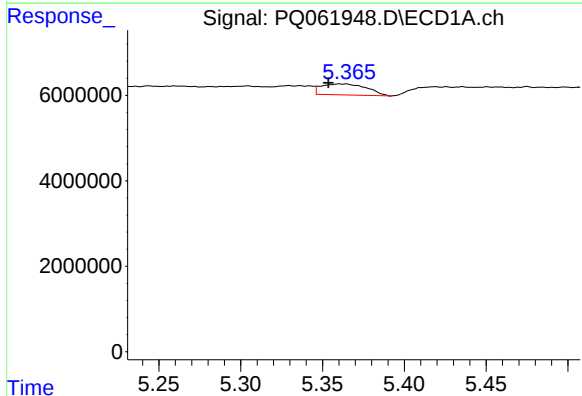
R.T.: 4.967 min
Delta R.T.: 0.007 min
Response: 383725
Conc: 2.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



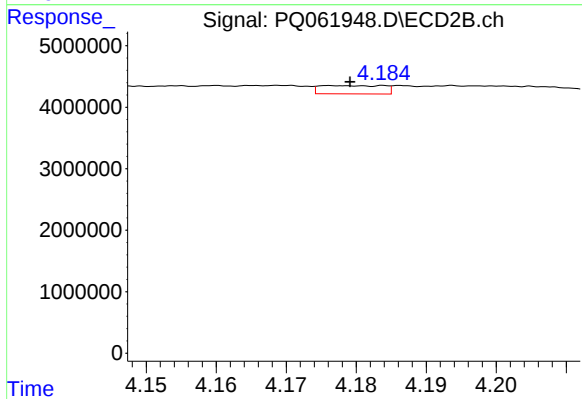
#23 AR-1248-3

R.T.: 4.016 min
Delta R.T.: -0.006 min
Response: 764966
Conc: 8.45 ng/ml



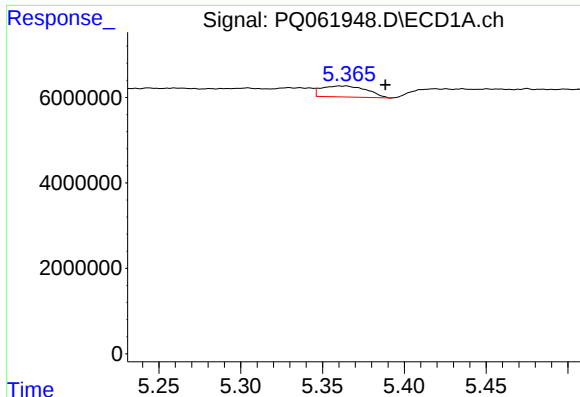
#24 AR-1248-4

R.T.: 5.361 min
Delta R.T.: 0.007 min
Response: 4954677
Conc: 25.81 ng/ml



#24 AR-1248-4

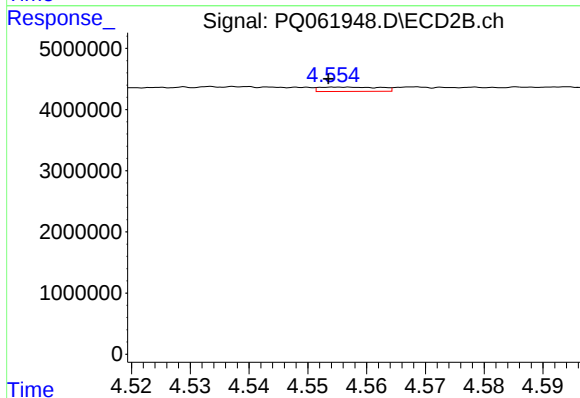
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 851267
Conc: 7.54 ng/ml



#25 AR-1248-5

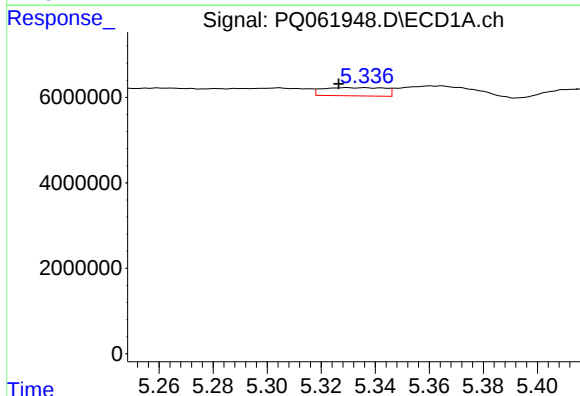
R.T.: 5.361 min
Delta R.T.: -0.028 min
Response: 4954677
Conc: 27.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



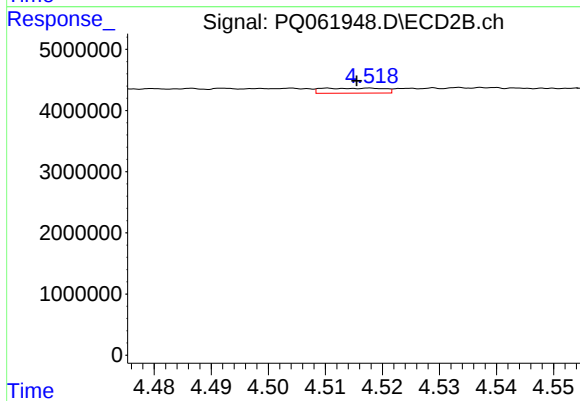
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: 0.001 min
Response: 506884
Conc: 4.52 ng/ml



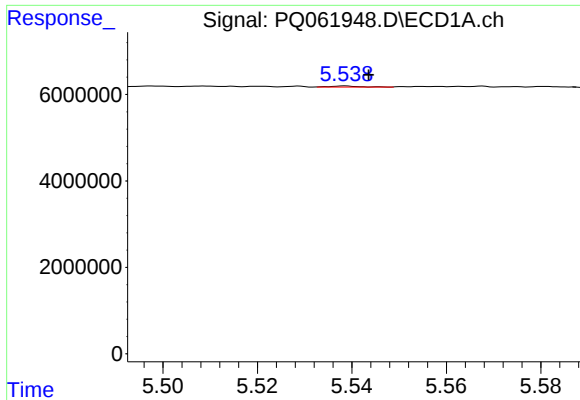
#26 AR-1254-1

R.T.: 5.329 min
Delta R.T.: 0.003 min
Response: 3083179
Conc: 16.59 ng/ml



#26 AR-1254-1

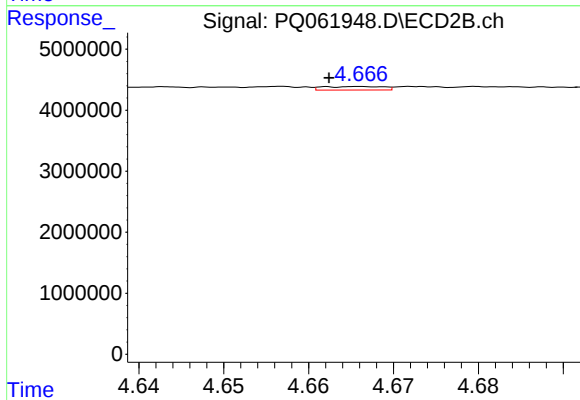
R.T.: 4.518 min
Delta R.T.: 0.003 min
Response: 614702
Conc: 3.81 ng/ml



#27 AR-1254-2

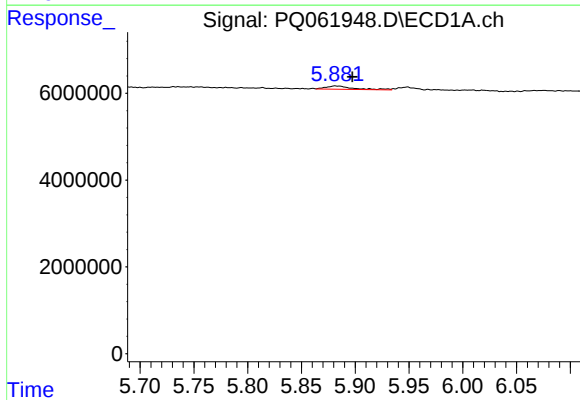
R.T.: 5.539 min
Delta R.T.: -0.005 min
Response: 98194
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



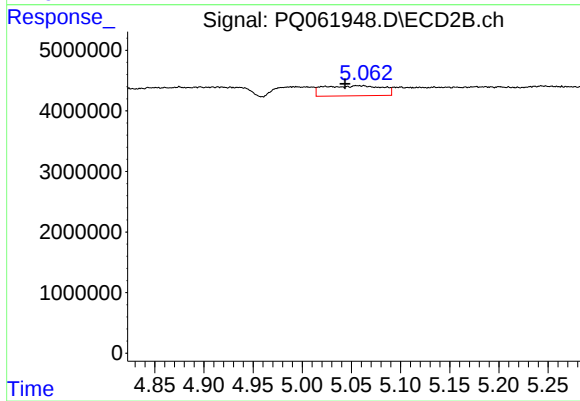
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.004 min
Response: 287238
Conc: 1.95 ng/ml



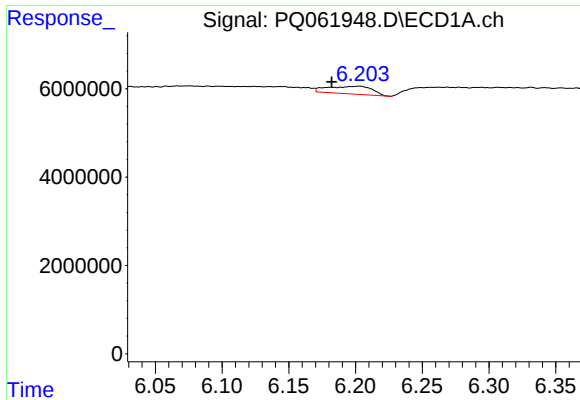
#28 AR-1254-3

R.T.: 5.881 min
Delta R.T.: -0.016 min
Response: 1267149
Conc: 4.13 ng/ml



#28 AR-1254-3

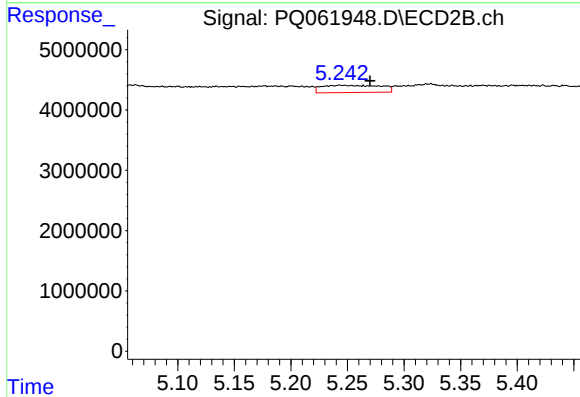
R.T.: 5.055 min
Delta R.T.: 0.011 min
Response: 6833739
Conc: 29.24 ng/ml



#29 AR-1254-4

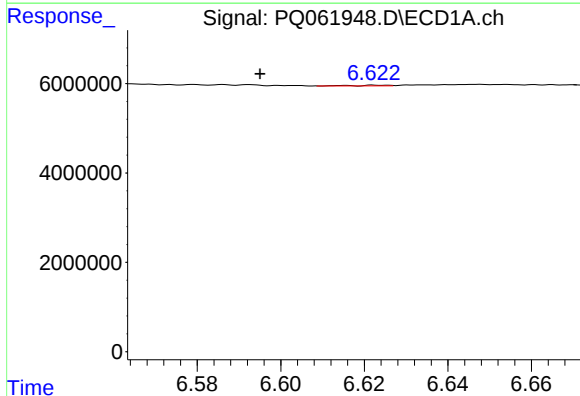
R.T.: 6.203 min
Delta R.T.: 0.021 min
Response: 3970716
Conc: 17.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



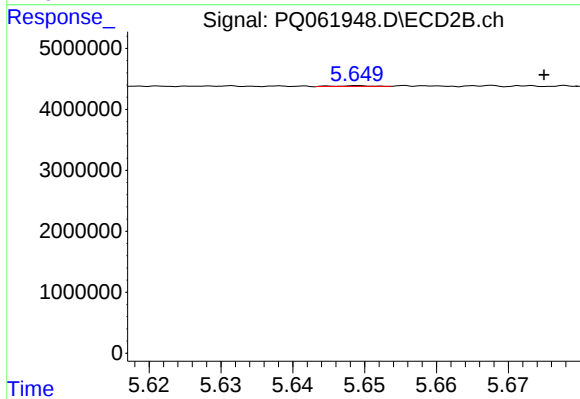
#29 AR-1254-4

R.T.: 5.243 min
Delta R.T.: -0.027 min
Response: 4331407
Conc: 28.42 ng/ml



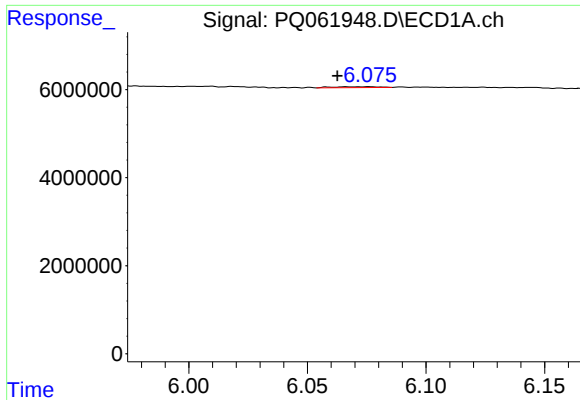
#30 AR-1254-5

R.T.: 6.623 min
Delta R.T.: 0.028 min
Response: 91302
Conc: 0.36 ng/ml



#30 AR-1254-5

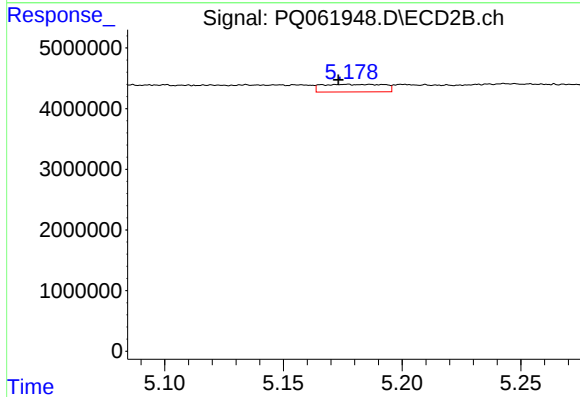
R.T.: 5.649 min
Delta R.T.: -0.026 min
Response: 32921
Conc: 0.14 ng/ml



#31 AR-1260-1

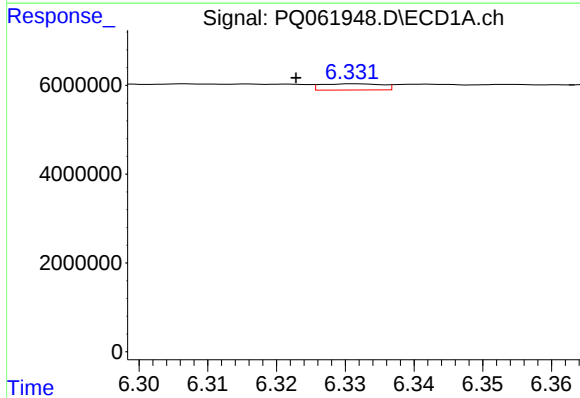
R.T.: 6.075 min
Delta R.T.: 0.013 min
Response: 259669
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



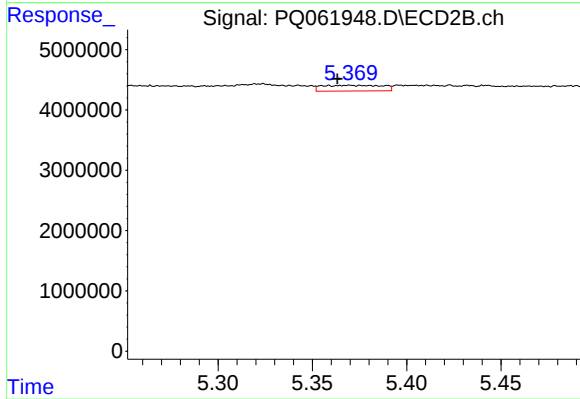
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.004 min
Response: 2264711
Conc: 13.60 ng/ml



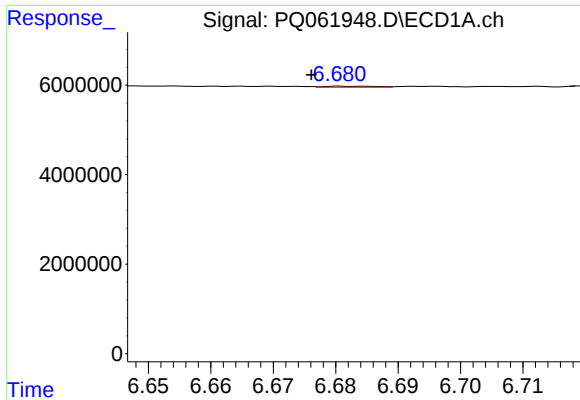
#32 AR-1260-2

R.T.: 6.331 min
Delta R.T.: 0.009 min
Response: 856633
Conc: 2.97 ng/ml



#32 AR-1260-2

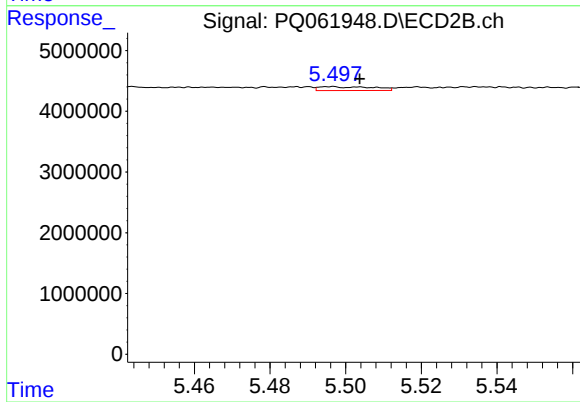
R.T.: 5.370 min
Delta R.T.: 0.006 min
Response: 2108225
Conc: 10.14 ng/ml



#33 AR-1260-3

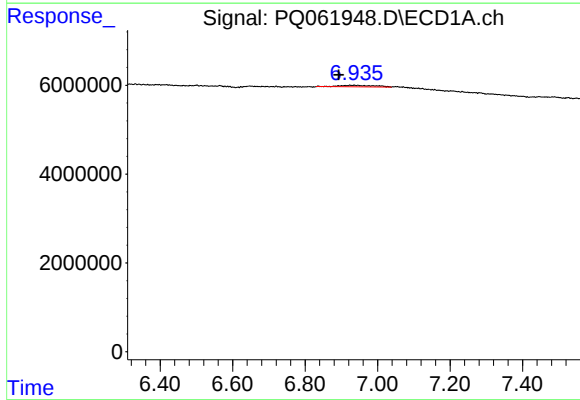
R.T.: 6.682 min
Delta R.T.: 0.006 min
Response: 144075
Conc: 0.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



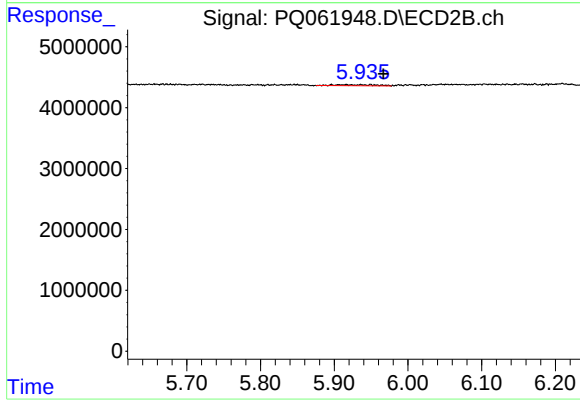
#33 AR-1260-3

R.T.: 5.496 min
Delta R.T.: -0.008 min
Response: 638387
Conc: 3.28 ng/ml



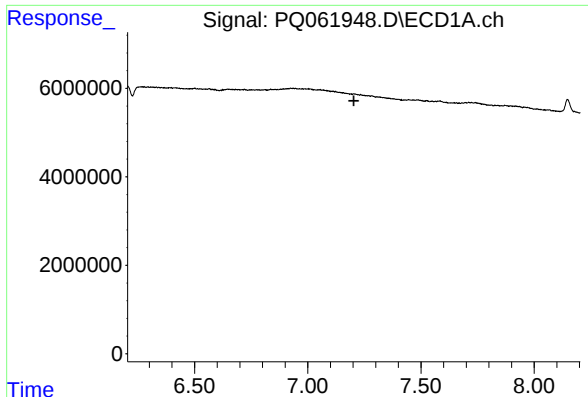
#34 AR-1260-4

R.T.: 6.935 min
Delta R.T.: 0.042 min
Response: 2255435
Conc: 10.71 ng/ml



#34 AR-1260-4

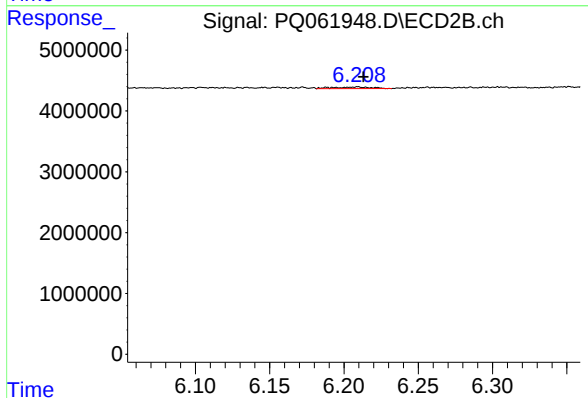
R.T.: 5.949 min
Delta R.T.: -0.017 min
Response: 637463
Conc: 4.37 ng/ml



#35 AR-1260-5

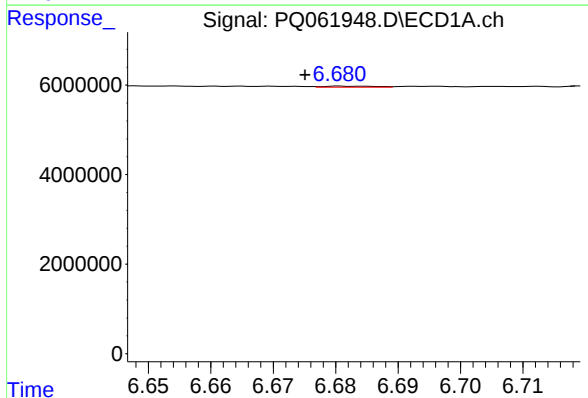
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



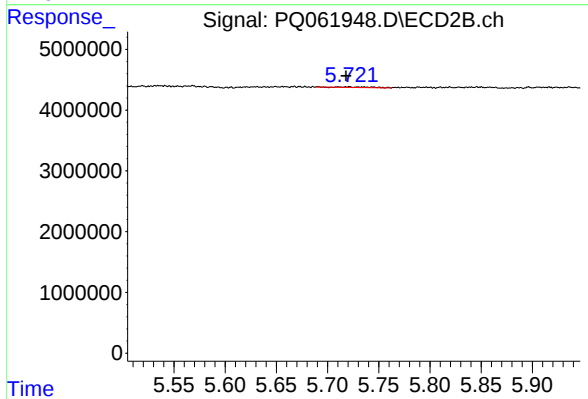
#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 473432
Conc: 1.43 ng/ml



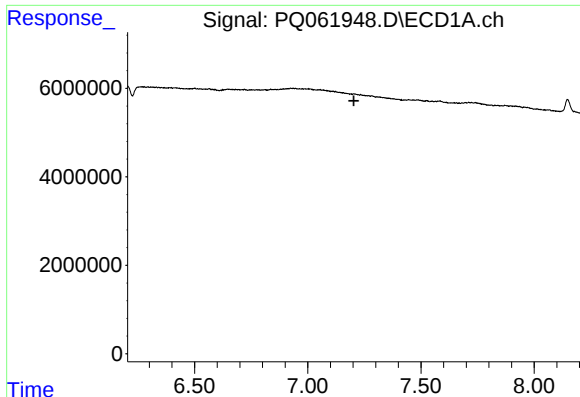
#36 AR-1262-1

R.T.: 6.682 min
Delta R.T.: 0.007 min
Response: 144075
Conc: 0.47 ng/ml



#36 AR-1262-1

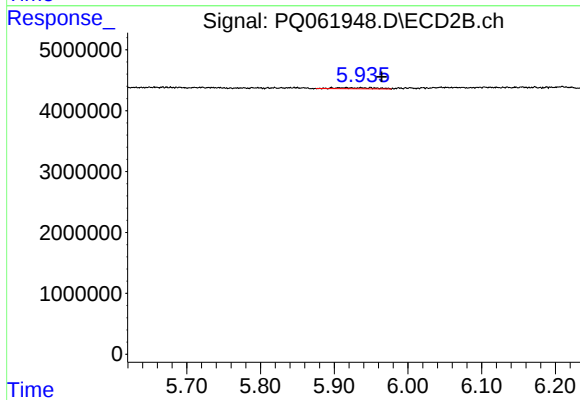
R.T.: 5.721 min
Delta R.T.: 0.003 min
Response: 248550
Conc: 1.07 ng/ml



#37 AR-1262-2

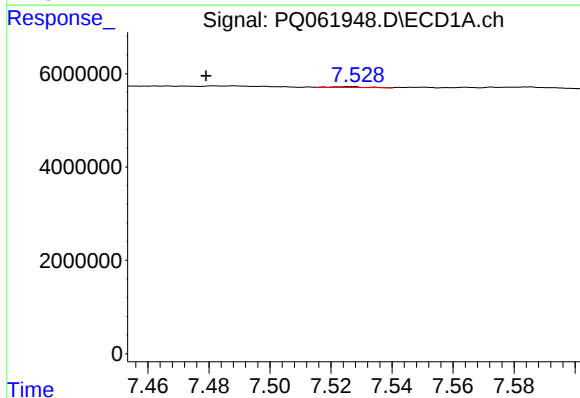
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



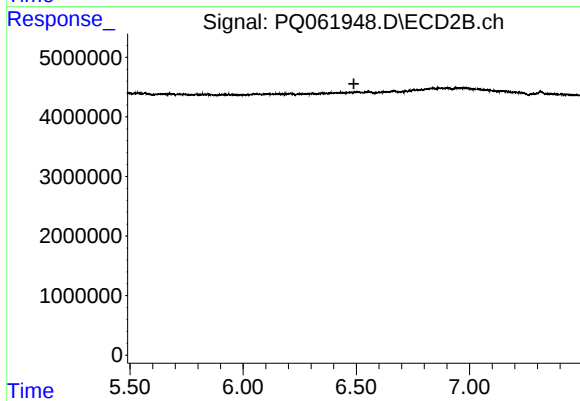
#37 AR-1262-2

R.T.: 5.949 min
Delta R.T.: -0.015 min
Response: 637463
Conc: 2.95 ng/ml



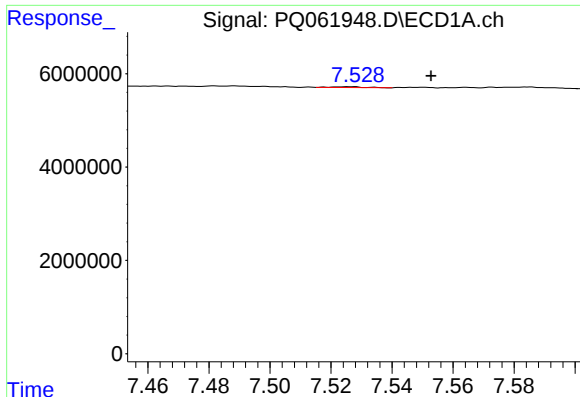
#38 AR-1262-3

R.T.: 7.525 min
Delta R.T.: 0.046 min
Response: 128746
Conc: 0.37 ng/ml



#38 AR-1262-3

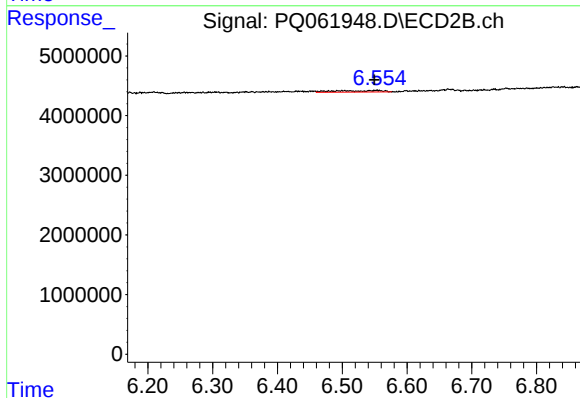
R.T.: 0.000 min
Exp R.T.: 6.489 min
Response: 0
Conc: N.D.



#39 AR-1262-4

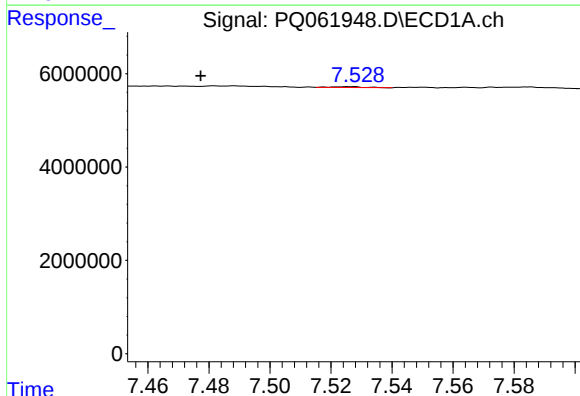
R.T.: 7.525 min
Delta R.T.: -0.027 min
Response: 128746
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



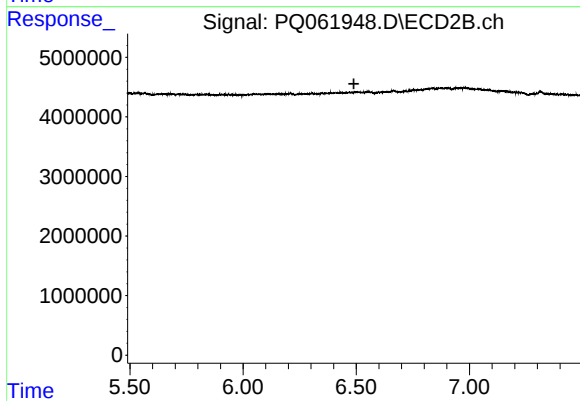
#39 AR-1262-4

R.T.: 6.553 min
Delta R.T.: 0.003 min
Response: 1284049
Conc: 3.98 ng/ml



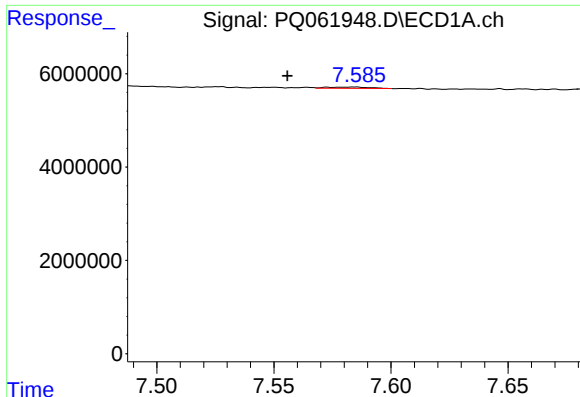
#41 AR-1268-1

R.T.: 7.525 min
Delta R.T.: 0.048 min
Response: 128746
Conc: 0.23 ng/ml



#41 AR-1268-1

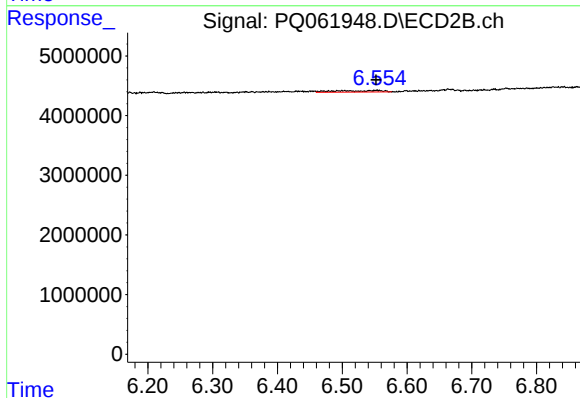
R.T.: 0.000 min
Exp R.T. : 6.490 min
Response: 0
Conc: N.D.



#42 AR-1268-2

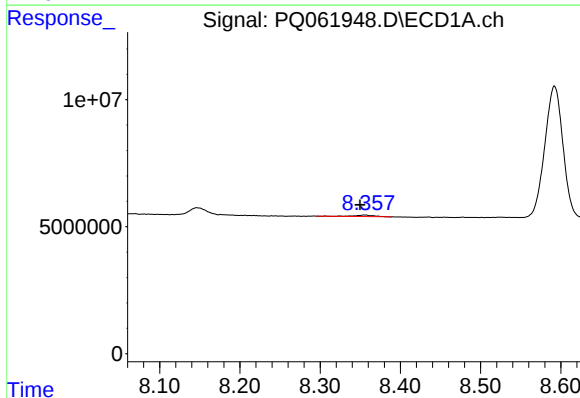
R.T.: 7.583 min
Delta R.T.: 0.027 min
Response: 293428
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



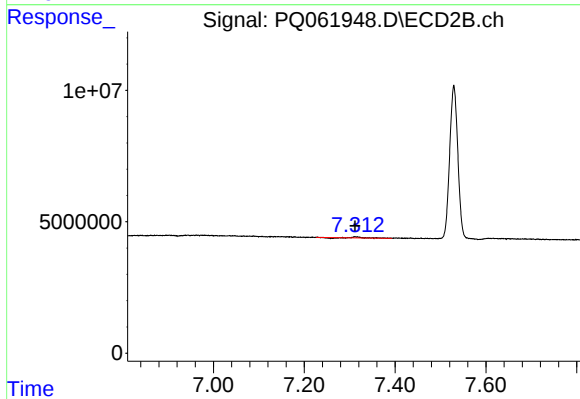
#42 AR-1268-2

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 1284049
Conc: 3.03 ng/ml



#45 AR-1268-5

R.T.: 8.356 min
Delta R.T.: 0.006 min
Response: 942467
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.001 min
Response: 323811
Conc: 0.28 ng/ml