

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 13:44
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : AR1221 SOIL LOD 25PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:43:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 2025
 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...	3.401	2.778	94623640	110.1E6	17.667	17.168
2)	SA Decachlor...	8.499	7.535	76065358	134.9E6	19.727	19.129
Target Compounds							
3)	L1 AR-1016-1	4.505	3.780	1325445	473617	7.995	2.209 #
4)	L1 AR-1016-2	4.505	3.792	1325445	455775	4.969	1.402 #
5)	L1 AR-1016-3	4.562	3.950	932514	171937	5.632	0.946 #
6)	L1 AR-1016-4	4.648	4.010	731260	87348	5.402	0.551 #
7)	L1 AR-1016-5	4.939	0.000	95059	0	0.711	N.D. #
8)	L2 AR-1221-1	3.596	2.978	1946713	1547724	26.456	17.335 #
9)	L2 AR-1221-2	3.674	3.049	2332232	2803608	43.506	41.878
10)	L2 AR-1221-3	3.741	3.122	3502563	3788166	21.256	18.968
11)	L3 AR-1232-1	3.741	3.122	3502563	3788166	25.101	22.188
12)	L3 AR-1232-2	4.229	3.792	750655	455775	9.807	2.625 #
13)	L3 AR-1232-3	4.505	3.950	1325445	171937	9.246	1.842 #
14)	L3 AR-1232-4	4.648	4.031	731260	1457807	10.216	18.271 #
15)	L3 AR-1232-5	4.795	0.000	1685549	0	29.032	N.D. #
16)	L4 AR-1242-1	4.505	3.780	1325445	473617	8.622	2.547 #
17)	L4 AR-1242-2	4.505	3.792	1325445	455775	5.537	1.618 #
18)	L4 AR-1242-3	4.562	3.959	932514	116672	6.264	0.745 #
19)	L4 AR-1242-4	4.648	4.031	731260	1457807	5.945	9.981 #
20)	L4 AR-1242-5	5.389f	4.532	122054	348899	0.925	1.805 #
21)	L5 AR-1248-1	4.505	3.780	1325445	473617	11.569	3.316 #
22)	L5 AR-1248-2	4.753	4.010	513448	87348	3.140	0.404 #
23)	L5 AR-1248-3	4.939	4.031	95059	1457807	0.486	7.009 #
24)	L5 AR-1248-4	5.292f	0.000	585135	0	2.707	N.D. #
25)	L5 AR-1248-5	5.389f	4.576	122054	635471	0.559	2.458 #
26)	L6 AR-1254-1	5.292	4.532	585135	348899	2.505	0.877 #
27)	L6 AR-1254-2	5.505	4.679	239256	200520	0.670	0.573
28)	L6 AR-1254-3	5.847	5.071	167512	2775208	0.442	4.906 #
29)	L6 AR-1254-4	6.132	5.285	122844	172960	0.457	0.500
30)	L6 AR-1254-5	6.513f	5.711	313053	63754	1.045	0.122 #
31)	L7 AR-1260-1	6.026	5.180	87311	306233	0.357	0.858 #
32)	L7 AR-1260-2	6.282	5.367	148621	420156	0.496	0.988 #
33)	L7 AR-1260-3	6.670f	5.538	110457	791320	0.516	1.956 #
34)	L7 AR-1260-4	6.840	5.980	68162	28591	0.287	0.081 #
35)	L7 AR-1260-5	7.145	6.217	69788	958863	0.146	1.168 #
36)	L8 AR-1262-1	6.840	5.729	68162	111180	0.203	0.209
37)	L8 AR-1262-2	7.145	5.980	69788	28591	0.117	0.057 #
38)	L8 AR-1262-3	7.452f	0.000	439413	0	1.097	N.D. #
39)	L8 AR-1262-4	7.500	0.000	25641	0	0.081	N.D. #
40)	L8 AR-1262-5	0.000	7.088f	0	97689	N.D.	0.281 #
41)	L9 AR-1268-1	7.452f	0.000	439413	0	0.642	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
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 Operator : YP\AJ
 Sample : Q2893-01
 Misc : AR1221 SOIL LOD 25PPB
 ALS Vial : 23 Sample Multiplier: 1

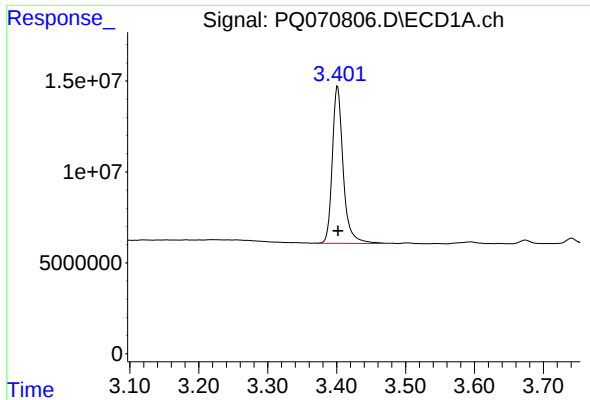
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:43:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
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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
42) L9	AR-1268-2	7.500	0.000	25641	0	0.041	N.D. #
43) L9	AR-1268-3	0.000	6.761	0	540456	N.D.	0.604 #
44) L9	AR-1268-4	0.000	7.088f	0	97689	N.D.	0.246 #
45) L9	AR-1268-5	8.267	7.321	263682	752287	0.170	0.275 #

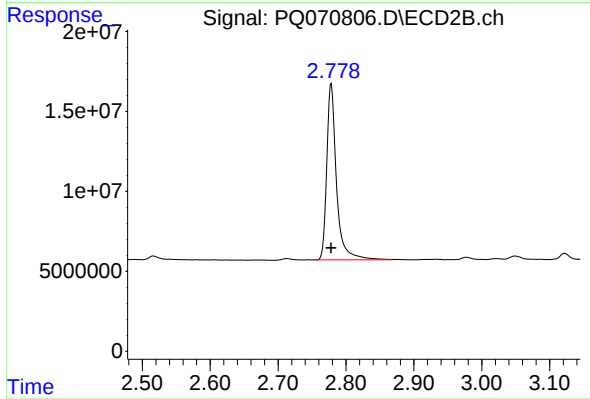
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

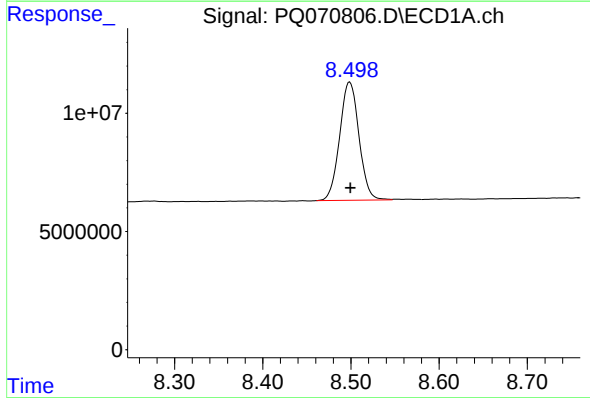
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 94623640
Conc: 17.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



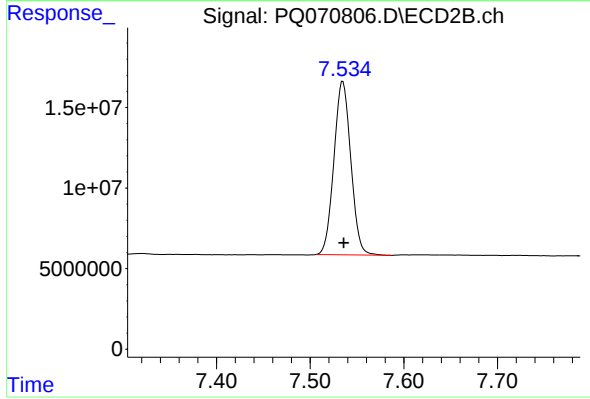
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 110088750
Conc: 17.17 ng/ml



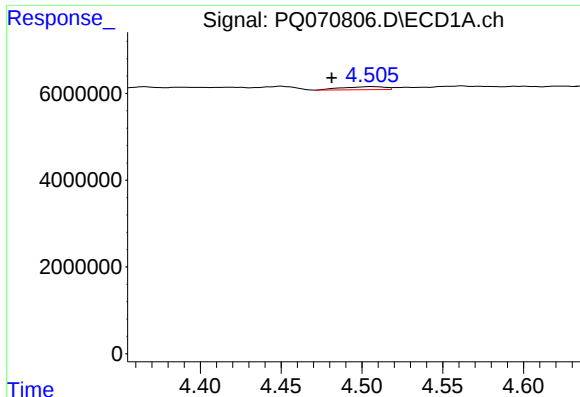
#2 Decachlorobiphenyl

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 76065358
Conc: 19.73 ng/ml



#2 Decachlorobiphenyl

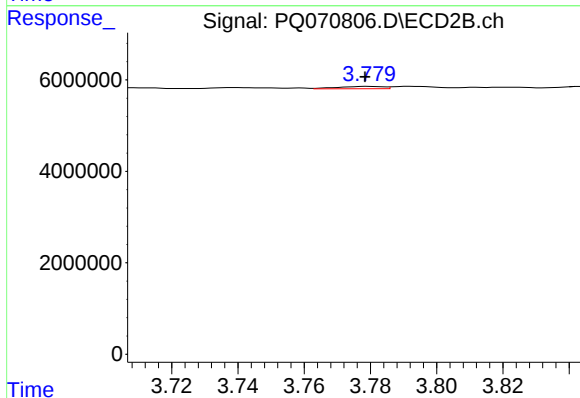
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 134912821
Conc: 19.13 ng/ml



#3 AR-1016-1

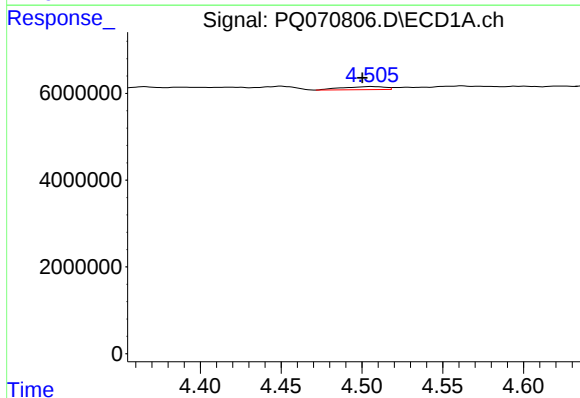
R.T.: 4.505 min
Delta R.T.: 0.024 min
Response: 1325445
Conc: 7.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



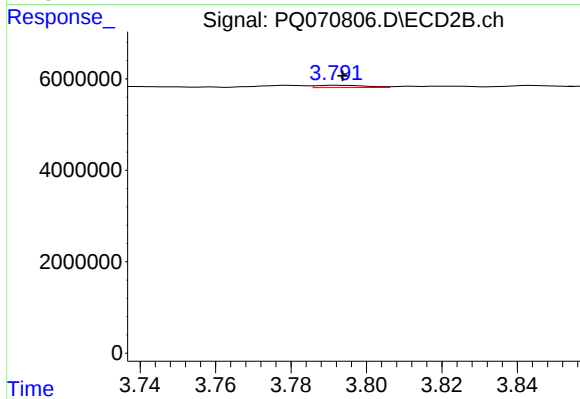
#3 AR-1016-1

R.T.: 3.780 min
Delta R.T.: 0.001 min
Response: 473617
Conc: 2.21 ng/ml



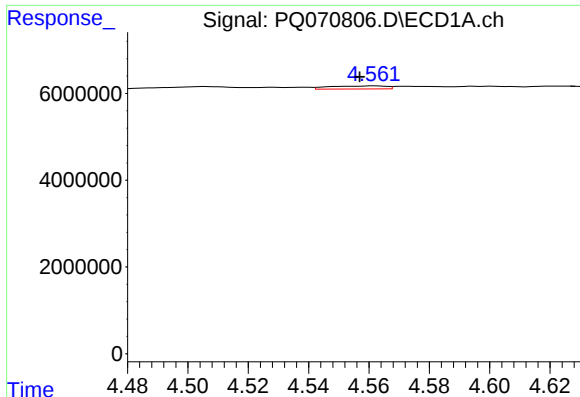
#4 AR-1016-2

R.T.: 4.505 min
Delta R.T.: 0.005 min
Response: 1325445
Conc: 4.97 ng/ml



#4 AR-1016-2

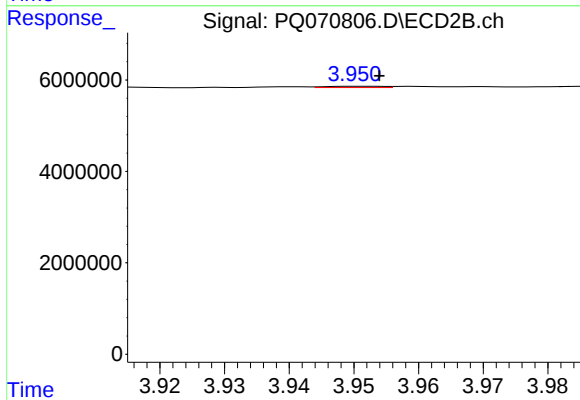
R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 455775
Conc: 1.40 ng/ml



#5 AR-1016-3

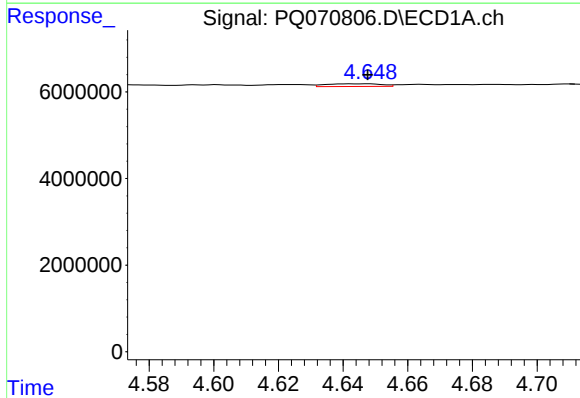
R.T.: 4.562 min
Delta R.T.: 0.005 min
Response: 932514
Conc: 5.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



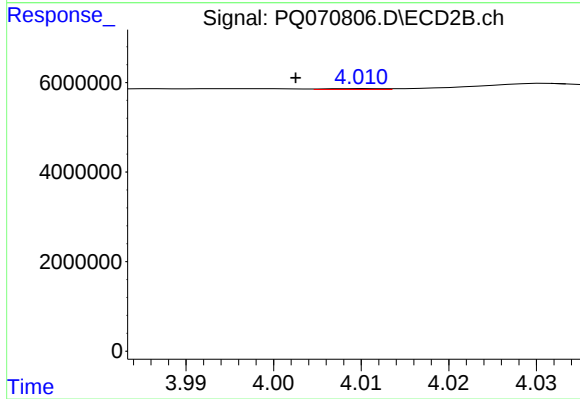
#5 AR-1016-3

R.T.: 3.950 min
Delta R.T.: -0.004 min
Response: 171937
Conc: 0.95 ng/ml



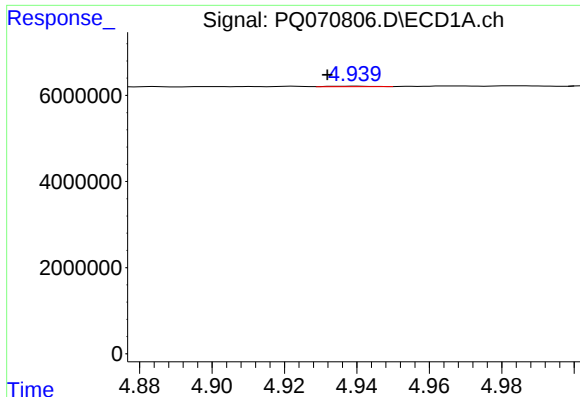
#6 AR-1016-4

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 731260
Conc: 5.40 ng/ml



#6 AR-1016-4

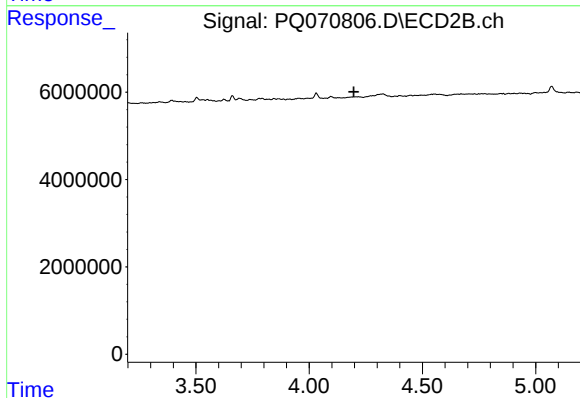
R.T.: 4.010 min
Delta R.T.: 0.008 min
Response: 87348
Conc: 0.55 ng/ml



#7 AR-1016-5

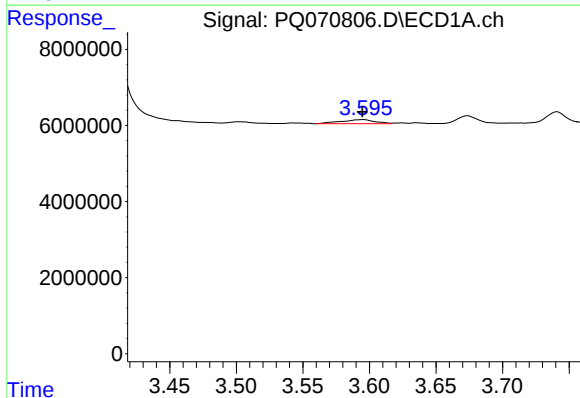
R.T.: 4.939 min
Delta R.T.: 0.007 min
Response: 95059
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



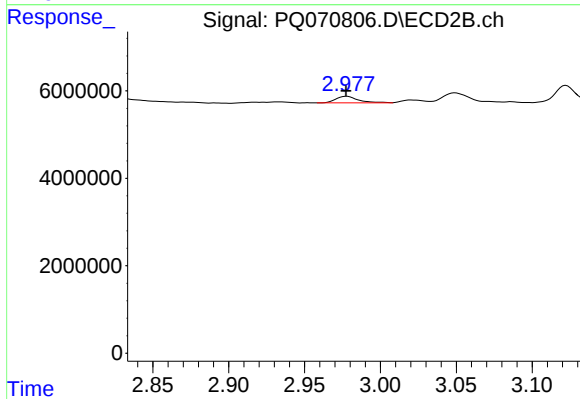
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.197 min
Response: 0
Conc: N.D.



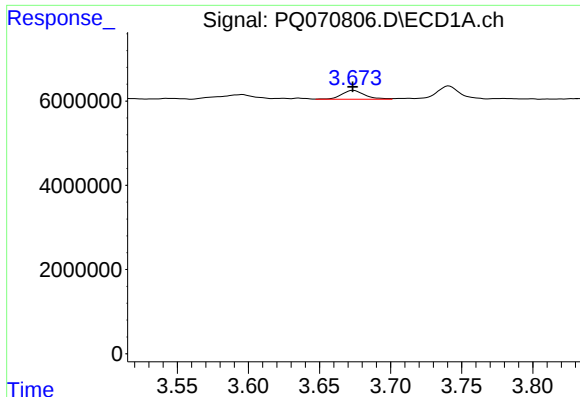
#8 AR-1221-1

R.T.: 3.596 min
Delta R.T.: 0.001 min
Response: 1946713
Conc: 26.46 ng/ml



#8 AR-1221-1

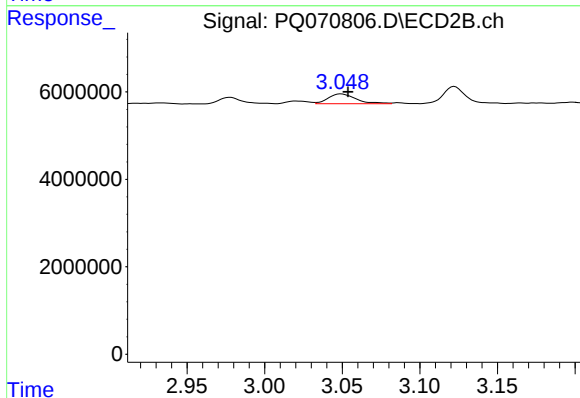
R.T.: 2.978 min
Delta R.T.: 0.000 min
Response: 1547724
Conc: 17.33 ng/ml



#9 AR-1221-2

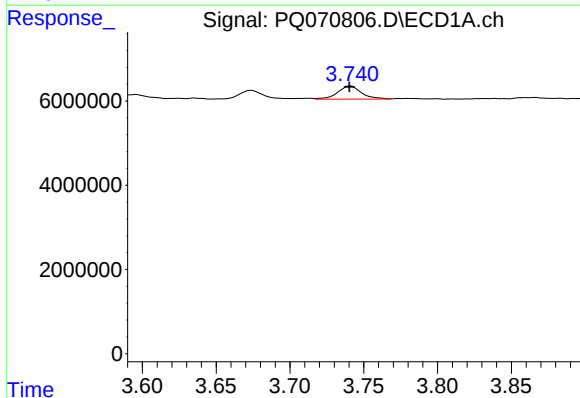
R.T.: 3.674 min
Delta R.T.: 0.000 min
Response: 2332232
Conc: 43.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



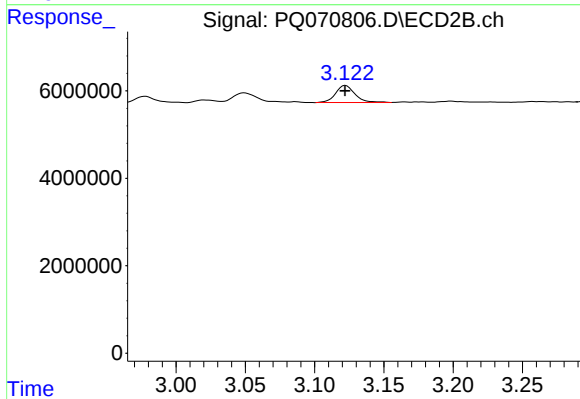
#9 AR-1221-2

R.T.: 3.049 min
Delta R.T.: -0.004 min
Response: 2803608
Conc: 41.88 ng/ml



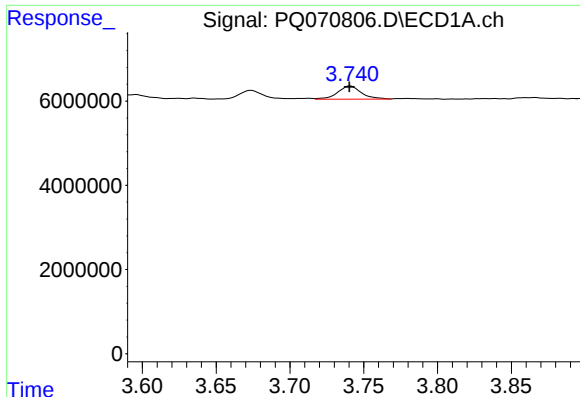
#10 AR-1221-3

R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 3502563
Conc: 21.26 ng/ml



#10 AR-1221-3

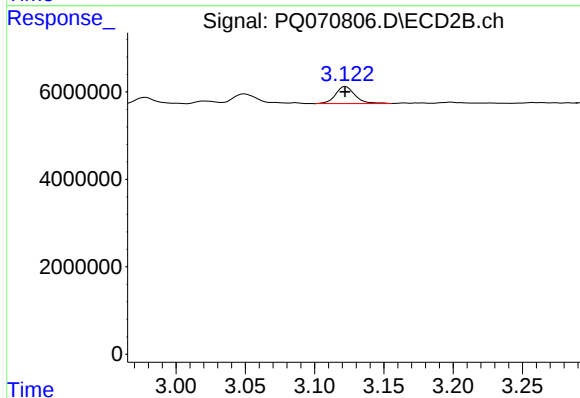
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 3788166
Conc: 18.97 ng/ml



#11 AR-1232-1

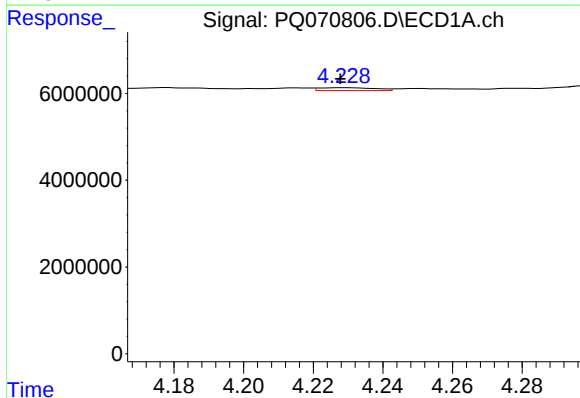
R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 3502563
Conc: 25.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



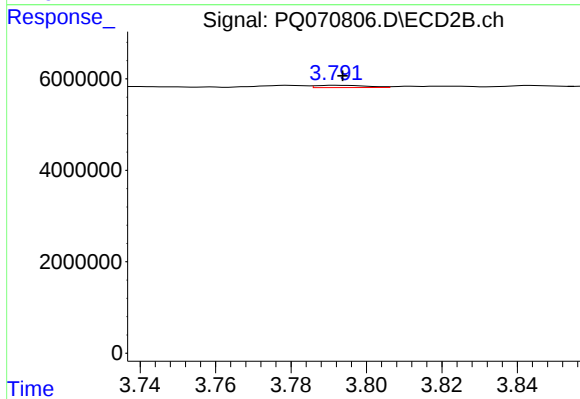
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 3788166
Conc: 22.19 ng/ml



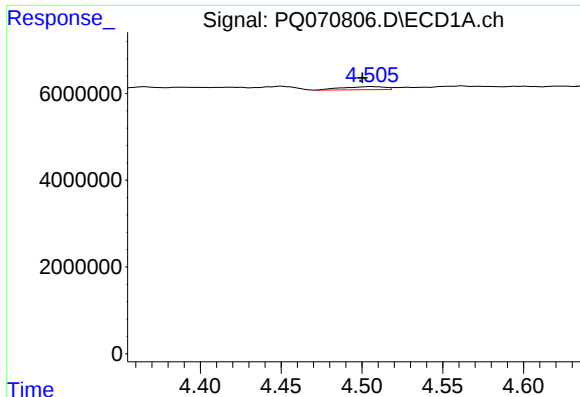
#12 AR-1232-2

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 750655
Conc: 9.81 ng/ml



#12 AR-1232-2

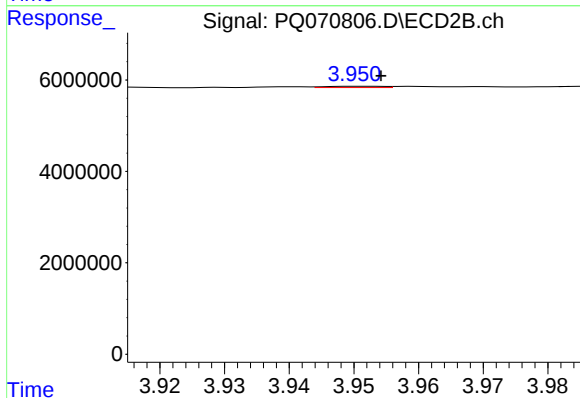
R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 455775
Conc: 2.63 ng/ml



#13 AR-1232-3

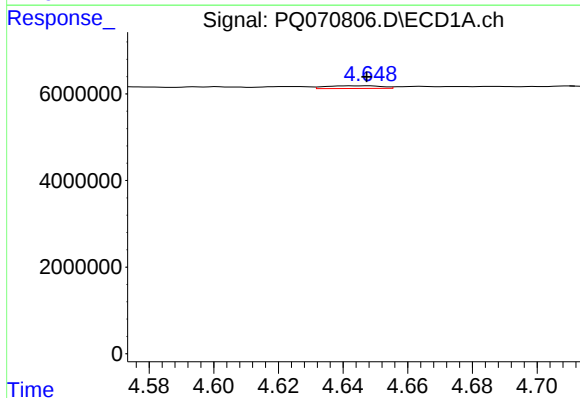
R.T.: 4.505 min
Delta R.T.: 0.005 min
Response: 1325445
Conc: 9.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



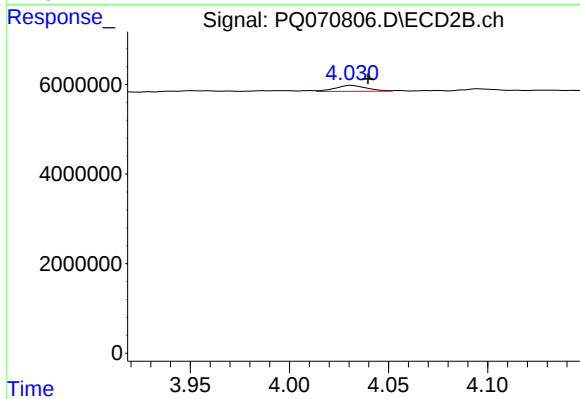
#13 AR-1232-3

R.T.: 3.950 min
Delta R.T.: -0.004 min
Response: 171937
Conc: 1.84 ng/ml



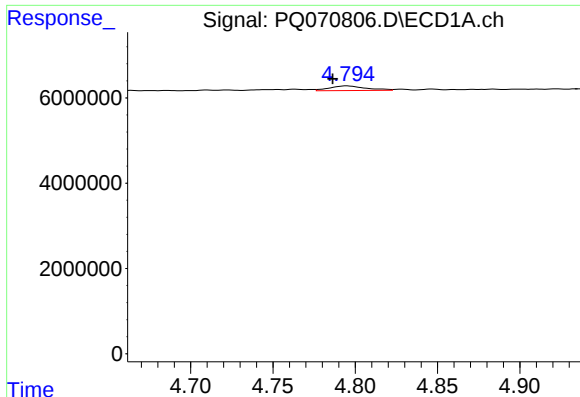
#14 AR-1232-4

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 731260
Conc: 10.22 ng/ml



#14 AR-1232-4

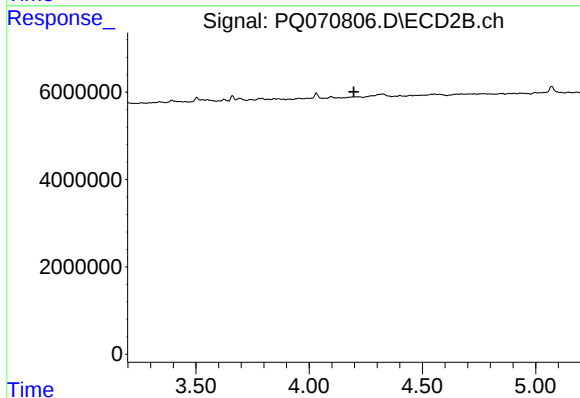
R.T.: 4.031 min
Delta R.T.: -0.009 min
Response: 1457807
Conc: 18.27 ng/ml



#15 AR-1232-5

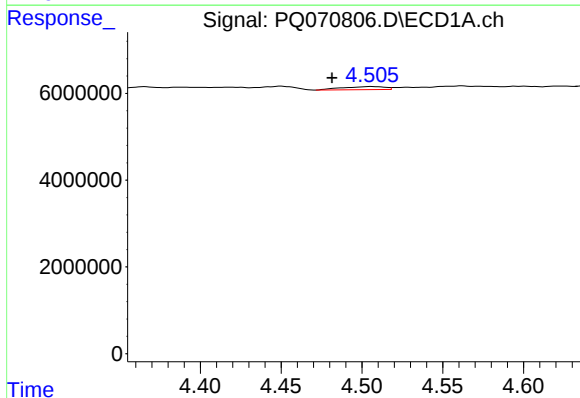
R.T.: 4.795 min
Delta R.T.: 0.009 min
Response: 1685549
Conc: 29.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



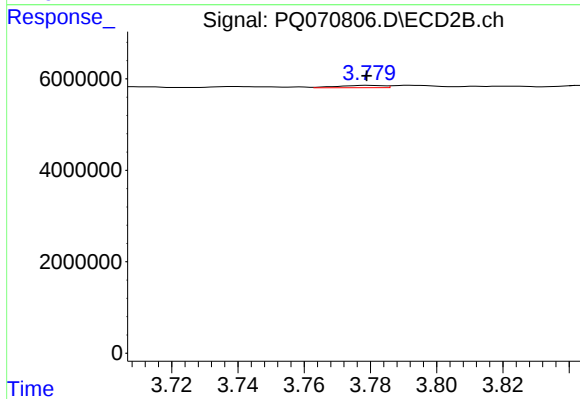
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.198 min
Response: 0
Conc: N.D.



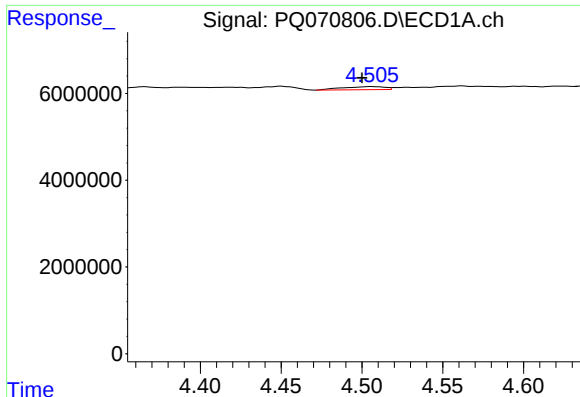
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.024 min
Response: 1325445
Conc: 8.62 ng/ml



#16 AR-1242-1

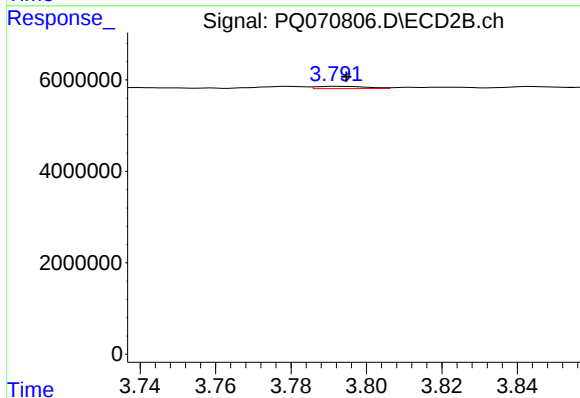
R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 473617
Conc: 2.55 ng/ml



#17 AR-1242-2

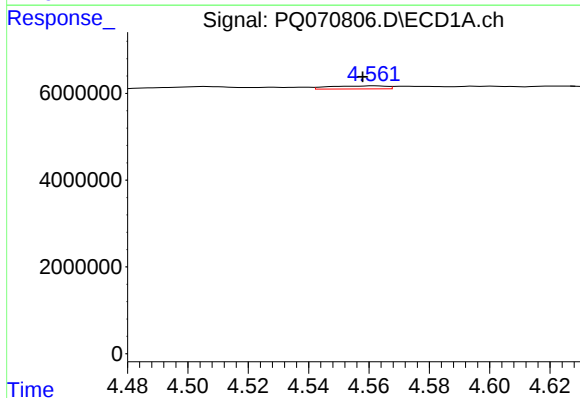
R.T.: 4.505 min
Delta R.T.: 0.005 min
Response: 1325445
Conc: 5.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



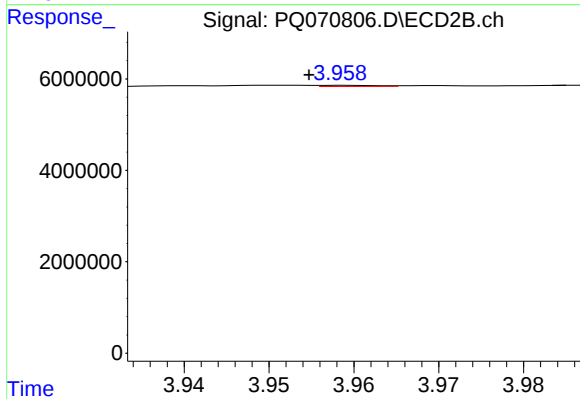
#17 AR-1242-2

R.T.: 3.792 min
Delta R.T.: -0.003 min
Response: 455775
Conc: 1.62 ng/ml



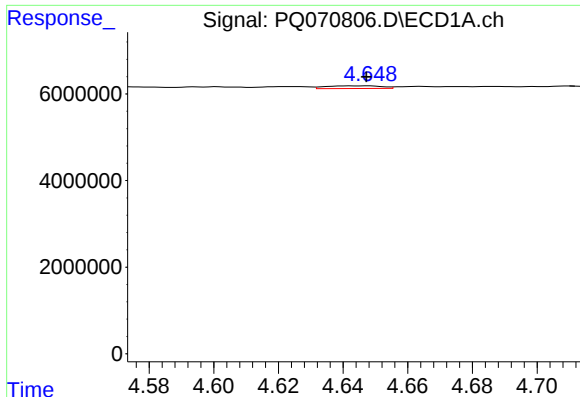
#18 AR-1242-3

R.T.: 4.562 min
Delta R.T.: 0.004 min
Response: 932514
Conc: 6.26 ng/ml



#18 AR-1242-3

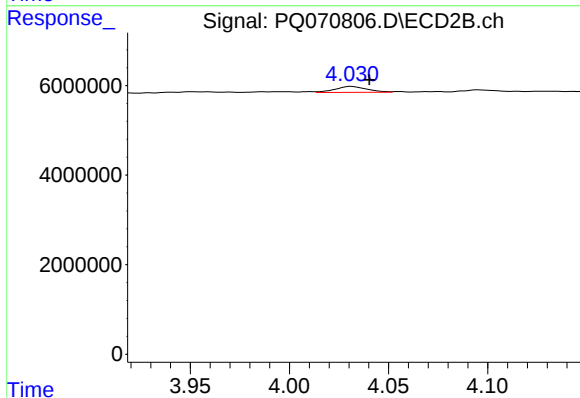
R.T.: 3.959 min
Delta R.T.: 0.004 min
Response: 116672
Conc: 0.74 ng/ml



#19 AR-1242-4

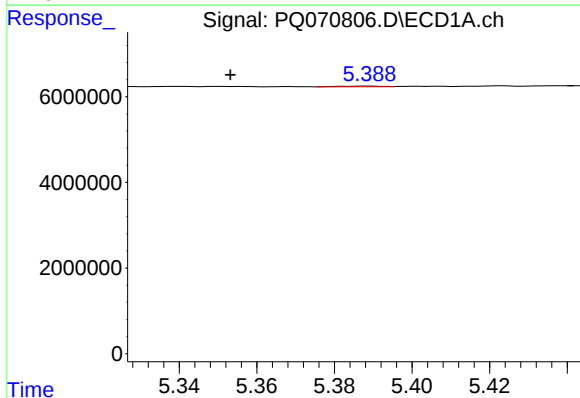
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 731260
Conc: 5.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



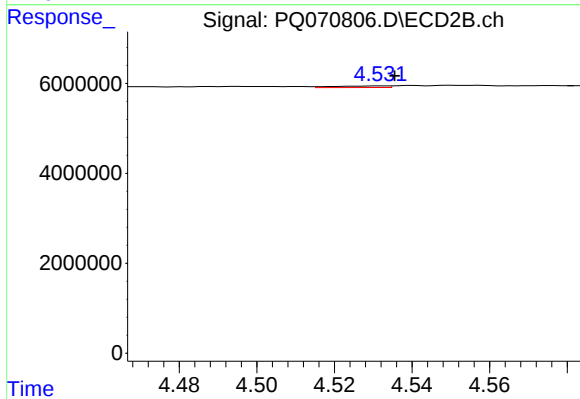
#19 AR-1242-4

R.T.: 4.031 min
Delta R.T.: -0.009 min
Response: 1457807
Conc: 9.98 ng/ml



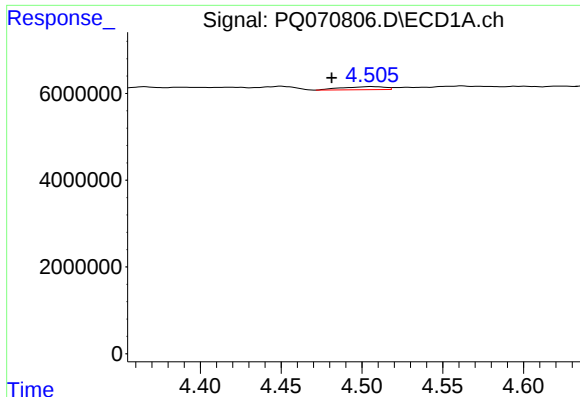
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.036 min
Response: 122054
Conc: 0.92 ng/ml



#20 AR-1242-5

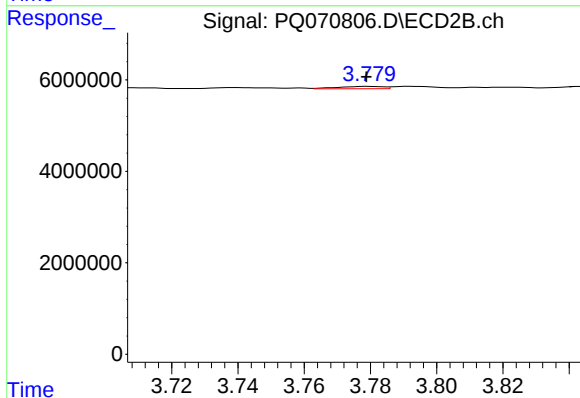
R.T.: 4.532 min
Delta R.T.: -0.004 min
Response: 348899
Conc: 1.80 ng/ml



#21 AR-1248-1

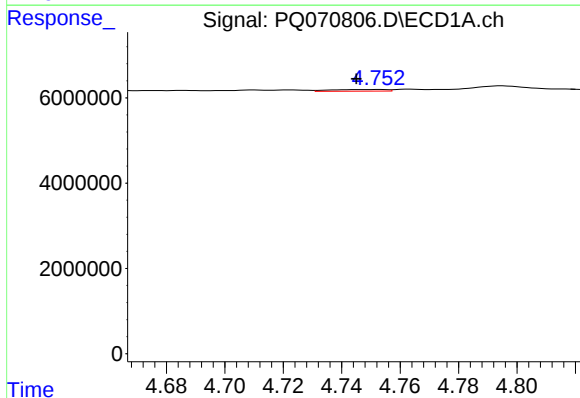
R.T.: 4.505 min
Delta R.T.: 0.024 min
Response: 1325445
Conc: 11.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



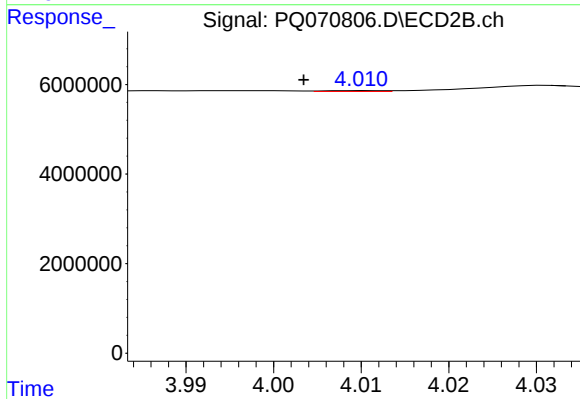
#21 AR-1248-1

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 473617
Conc: 3.32 ng/ml



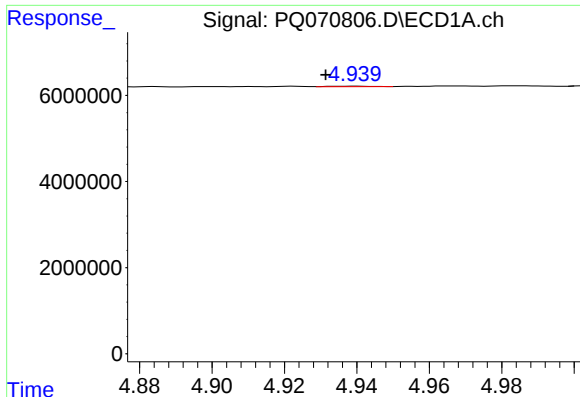
#22 AR-1248-2

R.T.: 4.753 min
Delta R.T.: 0.008 min
Response: 513448
Conc: 3.14 ng/ml



#22 AR-1248-2

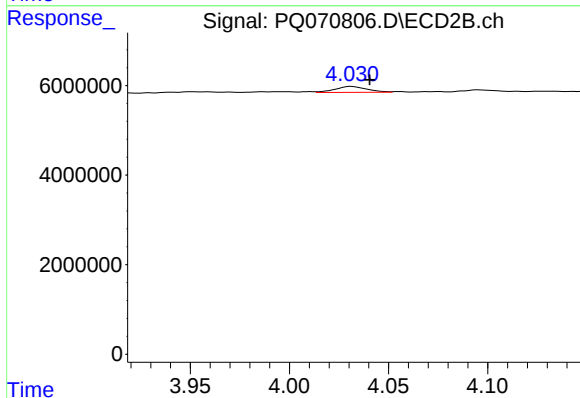
R.T.: 4.010 min
Delta R.T.: 0.007 min
Response: 87348
Conc: 0.40 ng/ml



#23 AR-1248-3

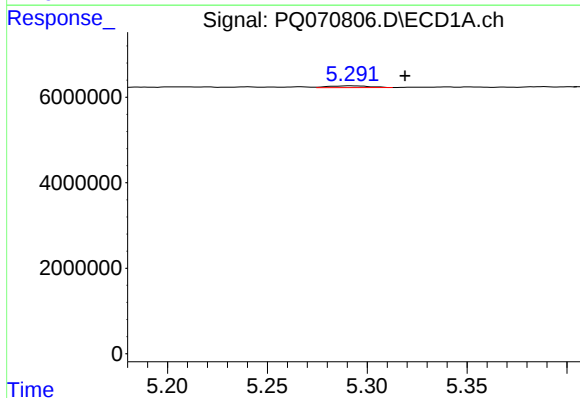
R.T.: 4.939 min
Delta R.T.: 0.008 min
Response: 95059
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



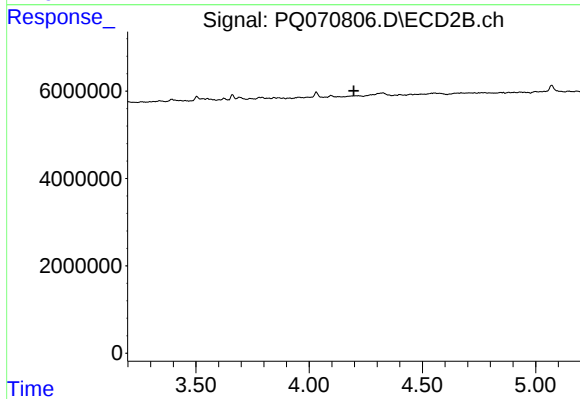
#23 AR-1248-3

R.T.: 4.031 min
Delta R.T.: -0.009 min
Response: 1457807
Conc: 7.01 ng/ml



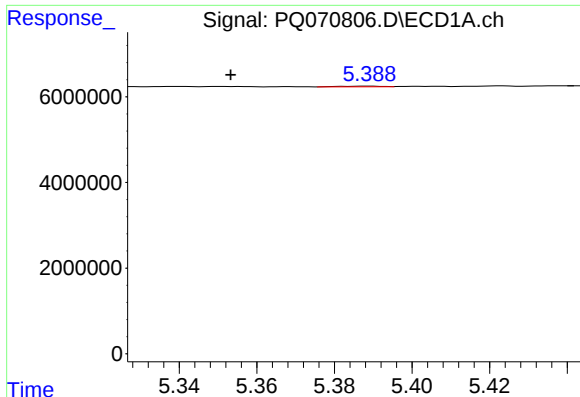
#24 AR-1248-4

R.T.: 5.292 min
Delta R.T.: -0.027 min
Response: 585135
Conc: 2.71 ng/ml



#24 AR-1248-4

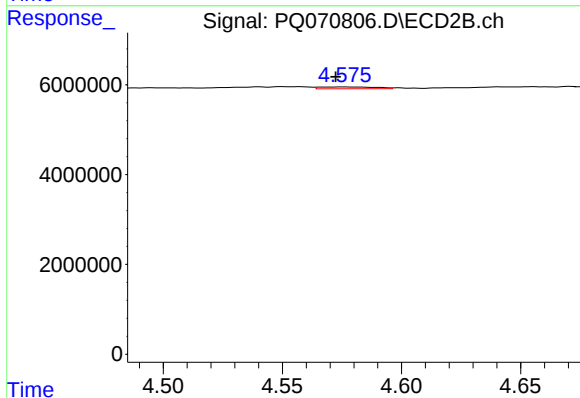
R.T.: 0.000 min
Exp R.T. : 4.198 min
Response: 0
Conc: N.D.



#25 AR-1248-5

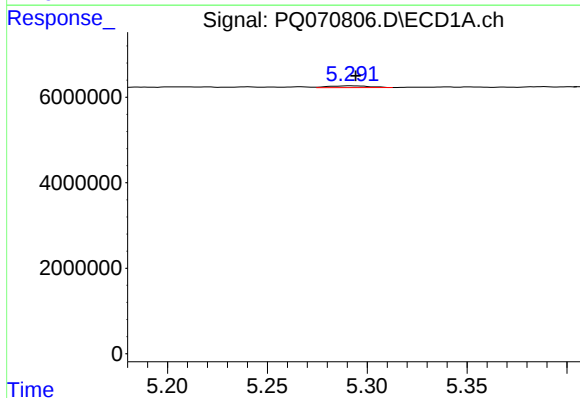
R.T.: 5.389 min
Delta R.T.: 0.036 min
Response: 122054
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



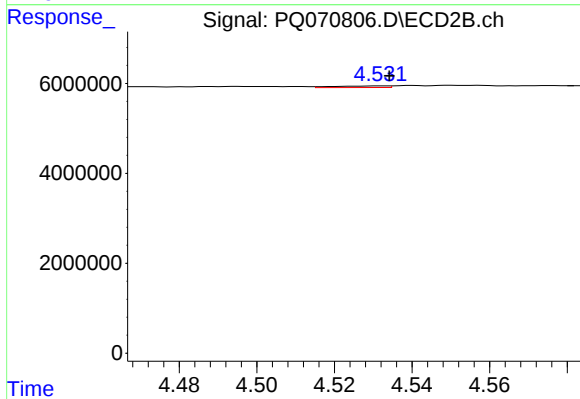
#25 AR-1248-5

R.T.: 4.576 min
Delta R.T.: 0.004 min
Response: 635471
Conc: 2.46 ng/ml



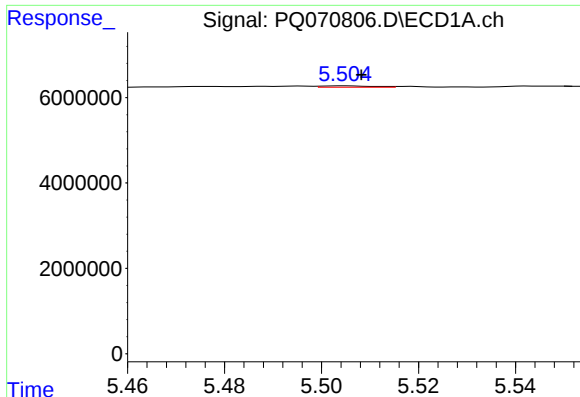
#26 AR-1254-1

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 585135
Conc: 2.50 ng/ml



#26 AR-1254-1

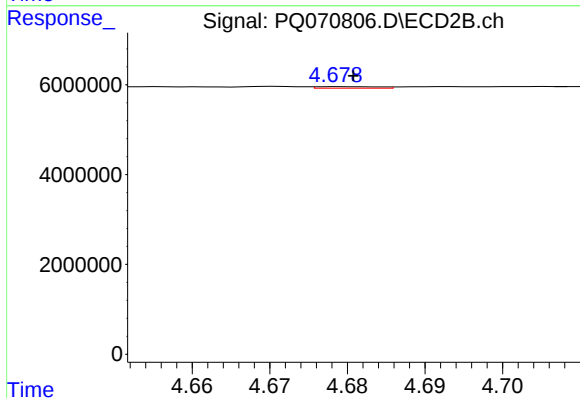
R.T.: 4.532 min
Delta R.T.: -0.002 min
Response: 348899
Conc: 0.88 ng/ml



#27 AR-1254-2

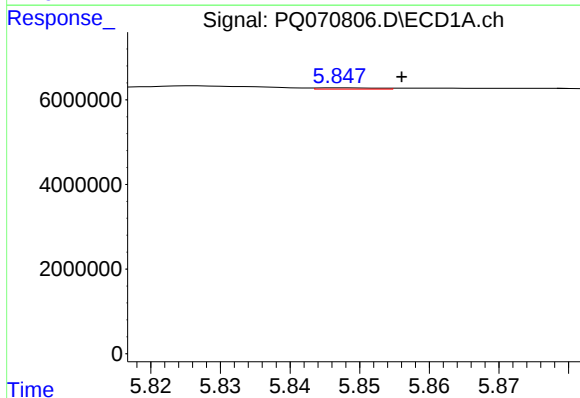
R.T.: 5.505 min
Delta R.T.: -0.003 min
Response: 239256
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



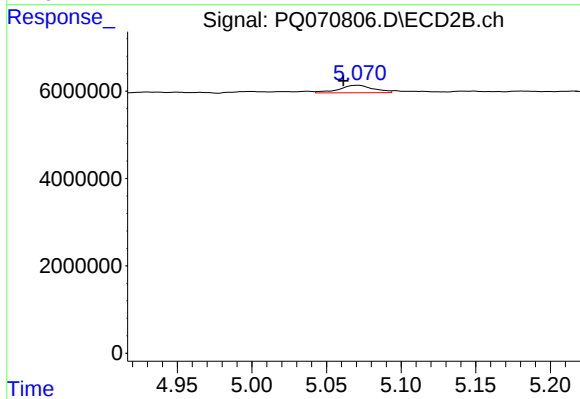
#27 AR-1254-2

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 200520
Conc: 0.57 ng/ml



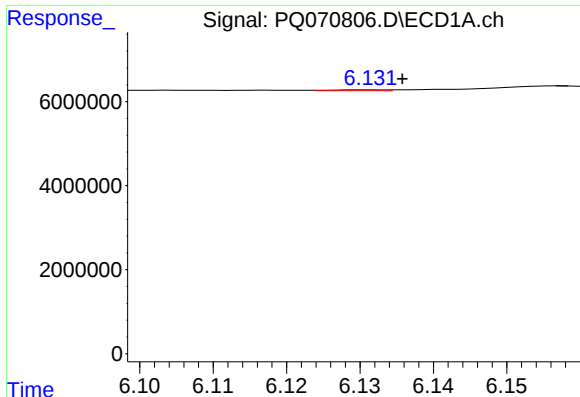
#28 AR-1254-3

R.T.: 5.847 min
Delta R.T.: -0.009 min
Response: 167512
Conc: 0.44 ng/ml



#28 AR-1254-3

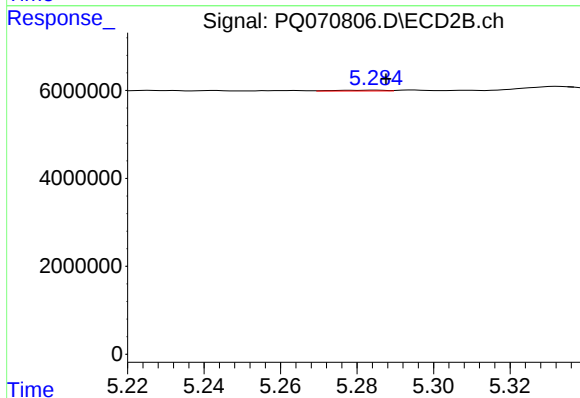
R.T.: 5.071 min
Delta R.T.: 0.010 min
Response: 2775208
Conc: 4.91 ng/ml



#29 AR-1254-4

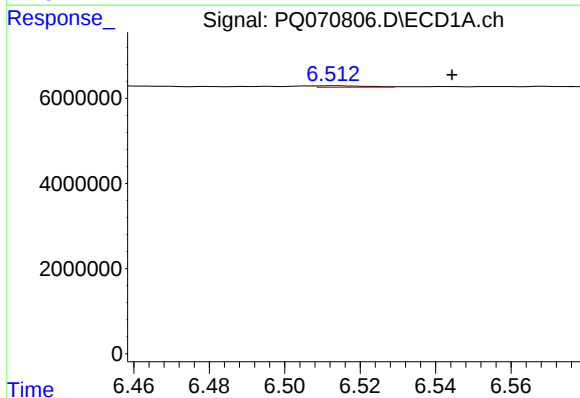
R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 122844
Conc: 0.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



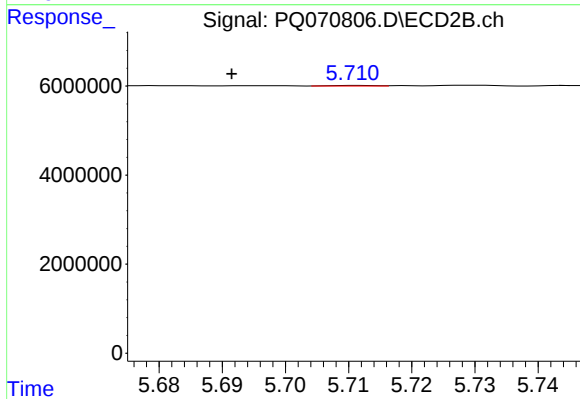
#29 AR-1254-4

R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 172960
Conc: 0.50 ng/ml



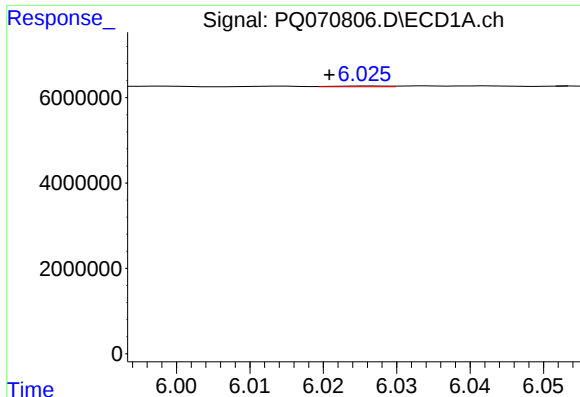
#30 AR-1254-5

R.T.: 6.513 min
Delta R.T.: -0.031 min
Response: 313053
Conc: 1.04 ng/ml



#30 AR-1254-5

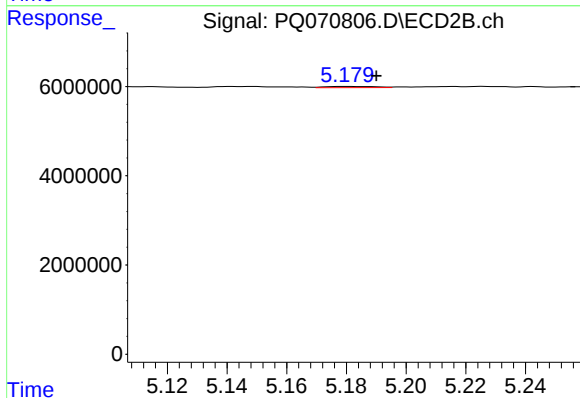
R.T.: 5.711 min
Delta R.T.: 0.019 min
Response: 63754
Conc: 0.12 ng/ml



#31 AR-1260-1

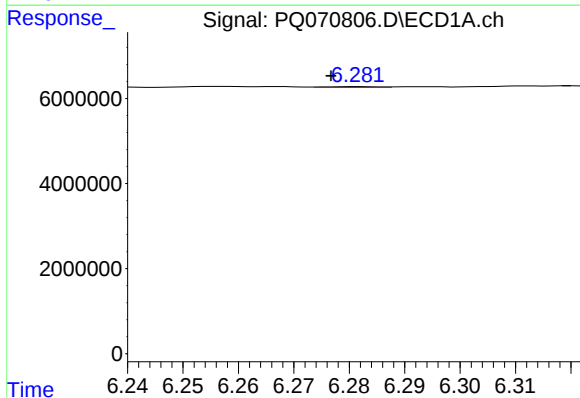
R.T.: 6.026 min
Delta R.T.: 0.005 min
Response: 87311
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



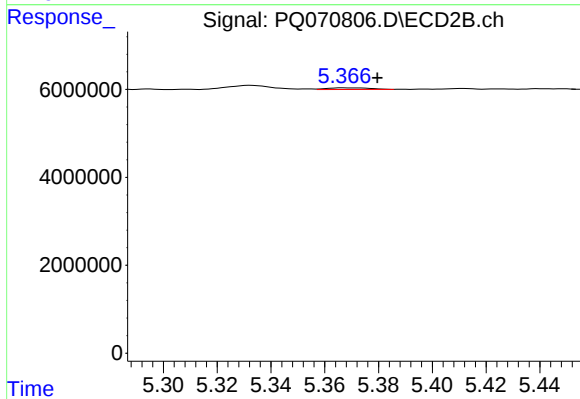
#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: -0.010 min
Response: 306233
Conc: 0.86 ng/ml



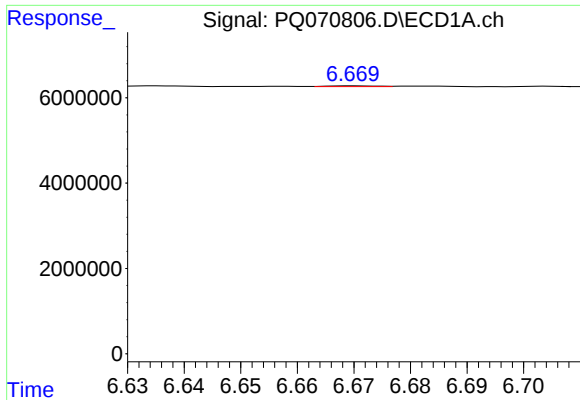
#32 AR-1260-2

R.T.: 6.282 min
Delta R.T.: 0.005 min
Response: 148621
Conc: 0.50 ng/ml



#32 AR-1260-2

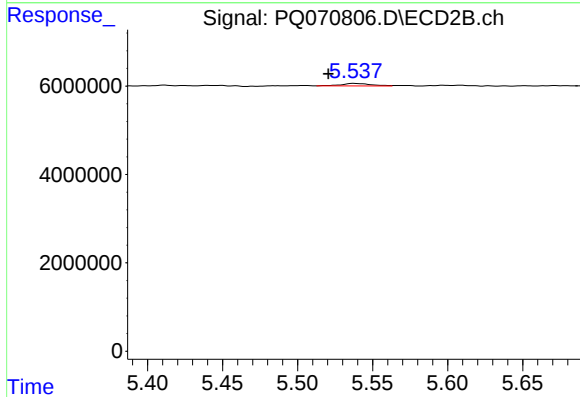
R.T.: 5.367 min
Delta R.T.: -0.012 min
Response: 420156
Conc: 0.99 ng/ml



#33 AR-1260-3

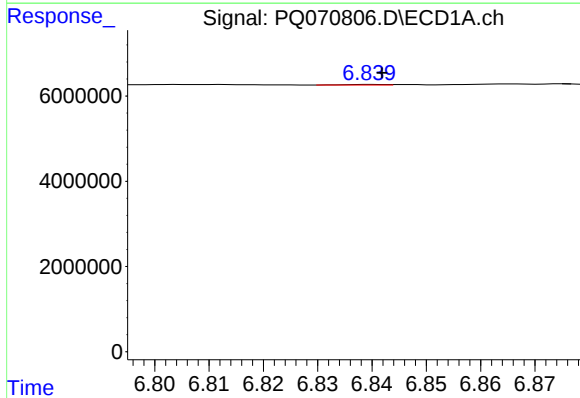
R.T.: 6.670 min
Delta R.T.: 0.042 min
Response: 110457
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



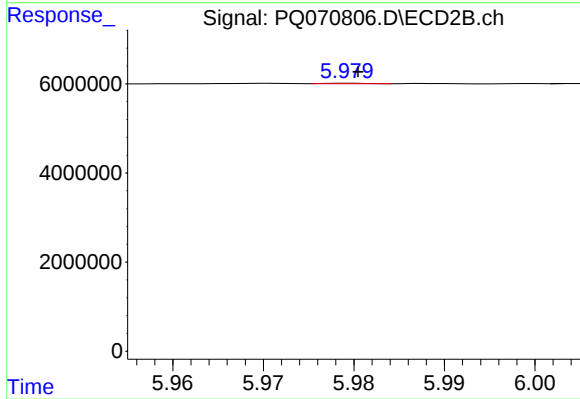
#33 AR-1260-3

R.T.: 5.538 min
Delta R.T.: 0.017 min
Response: 791320
Conc: 1.96 ng/ml



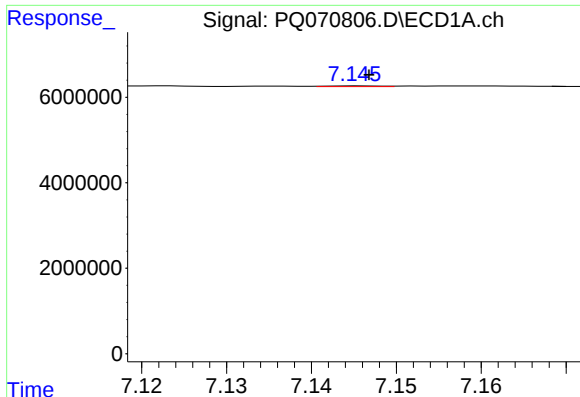
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 68162
Conc: 0.29 ng/ml



#34 AR-1260-4

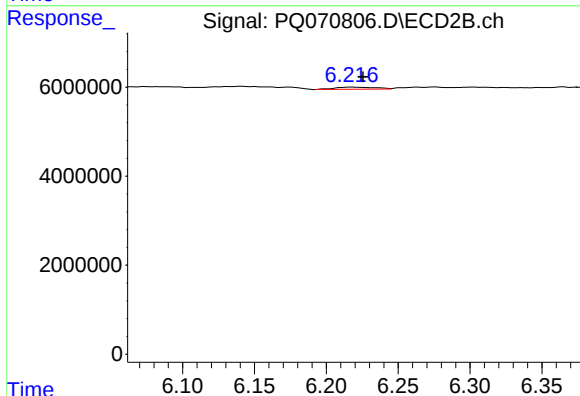
R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 28591
Conc: 0.08 ng/ml



#35 AR-1260-5

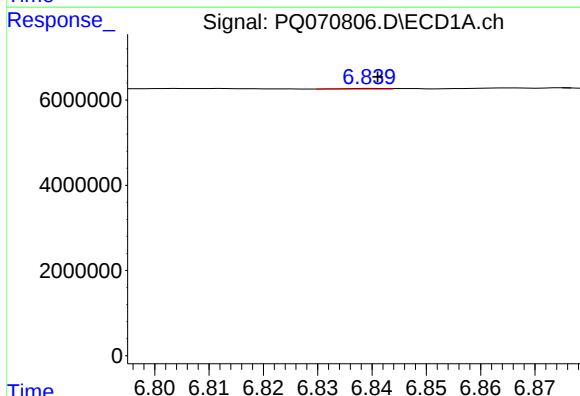
R.T.: 7.145 min
Delta R.T.: -0.001 min
Response: 69788
Conc: 0.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



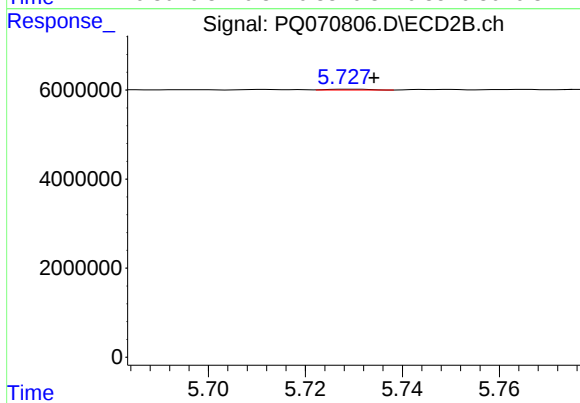
#35 AR-1260-5

R.T.: 6.217 min
Delta R.T.: -0.009 min
Response: 958863
Conc: 1.17 ng/ml



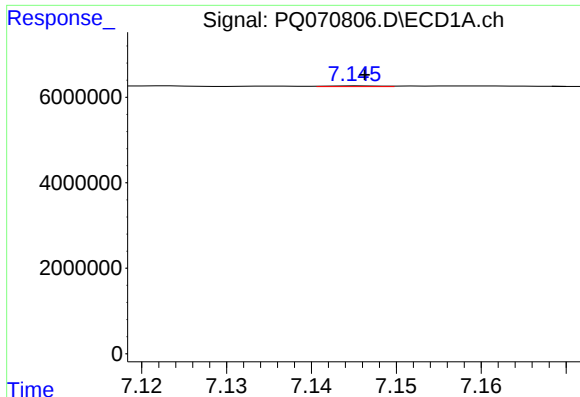
#36 AR-1262-1

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 68162
Conc: 0.20 ng/ml



#36 AR-1262-1

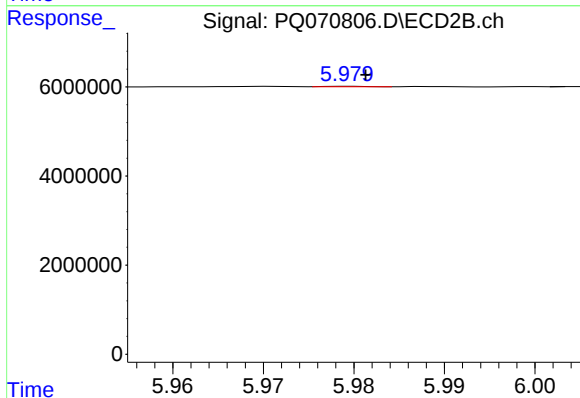
R.T.: 5.729 min
Delta R.T.: -0.006 min
Response: 111180
Conc: 0.21 ng/ml



#37 AR-1262-2

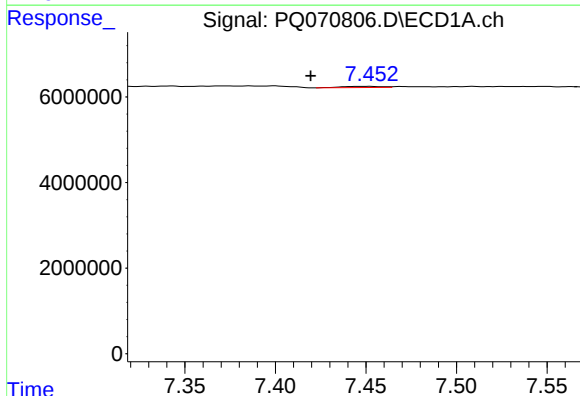
R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 69788
Conc: 0.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



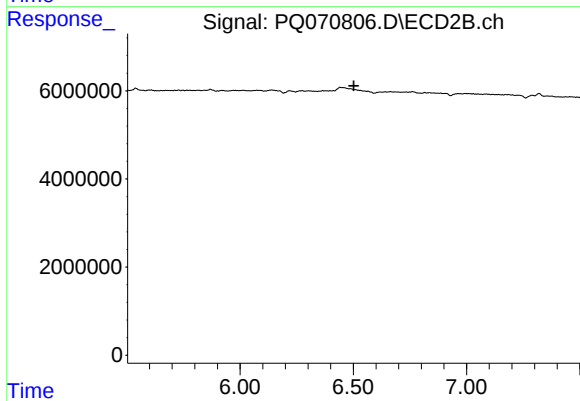
#37 AR-1262-2

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 28591
Conc: 0.06 ng/ml



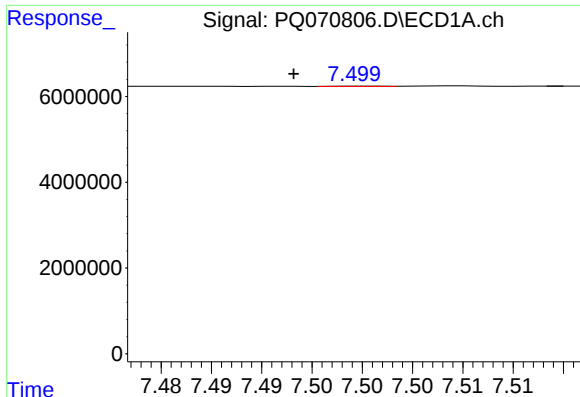
#38 AR-1262-3

R.T.: 7.452 min
Delta R.T.: 0.033 min
Response: 439413
Conc: 1.10 ng/ml



#38 AR-1262-3

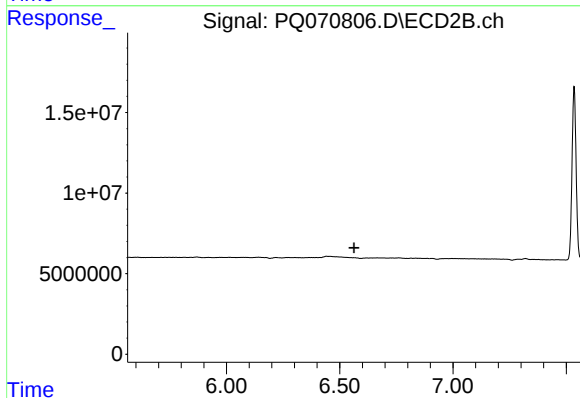
R.T.: 0.000 min
Exp R.T. : 6.502 min
Response: 0
Conc: N.D.



#39 AR-1262-4

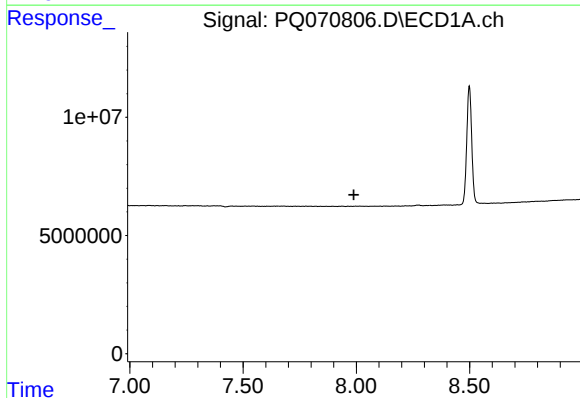
R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 25641
Conc: 0.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



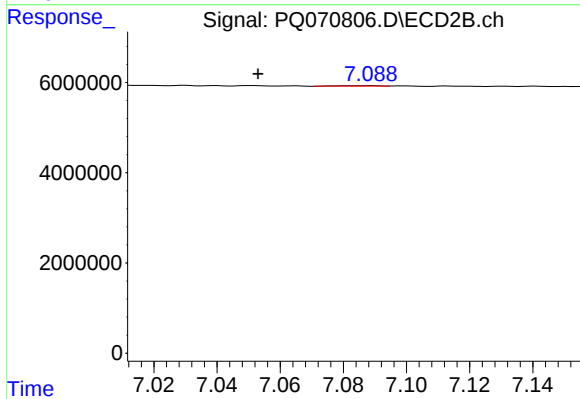
#39 AR-1262-4

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



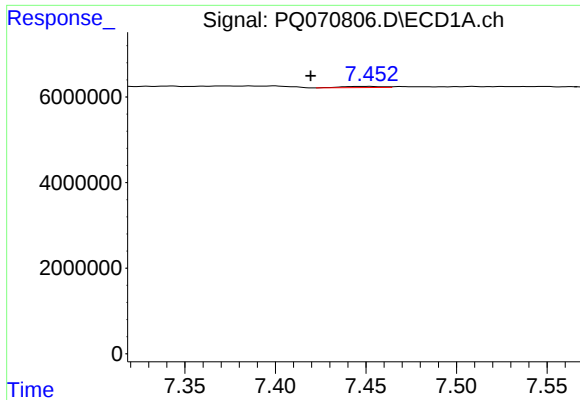
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.989 min
Response: 0
Conc: N.D.



#40 AR-1262-5

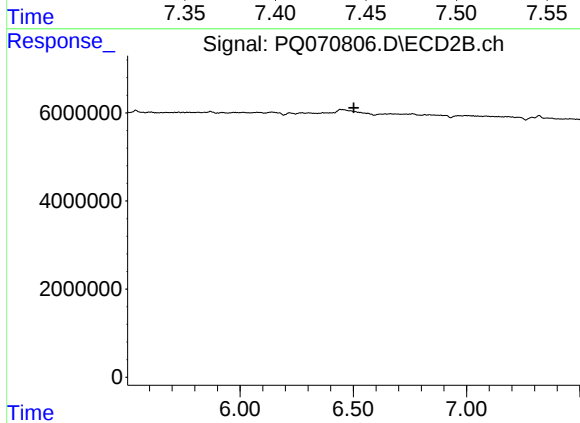
R.T.: 7.088 min
Delta R.T.: 0.035 min
Response: 97689
Conc: 0.28 ng/ml



#41 AR-1268-1

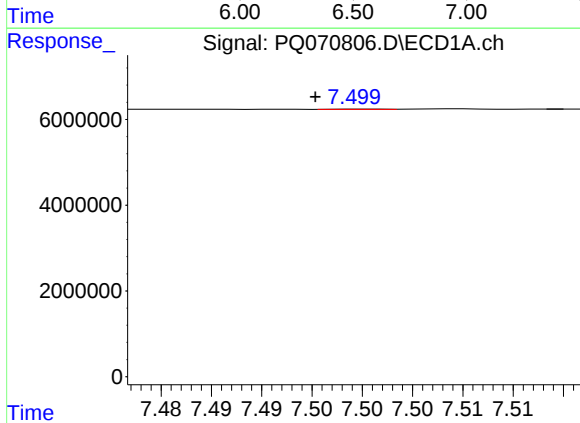
R.T.: 7.452 min
Delta R.T.: 0.033 min
Response: 439413
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



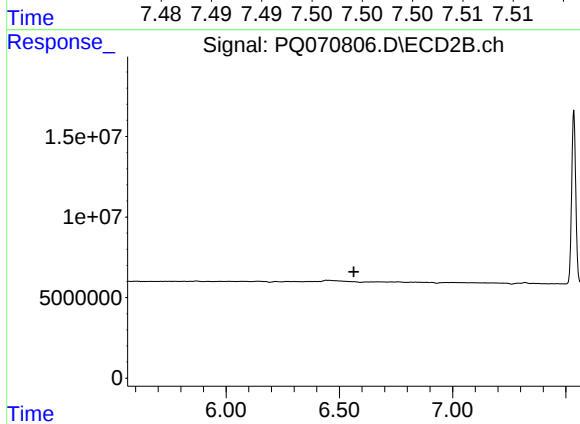
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.502 min
Response: 0
Conc: N.D.



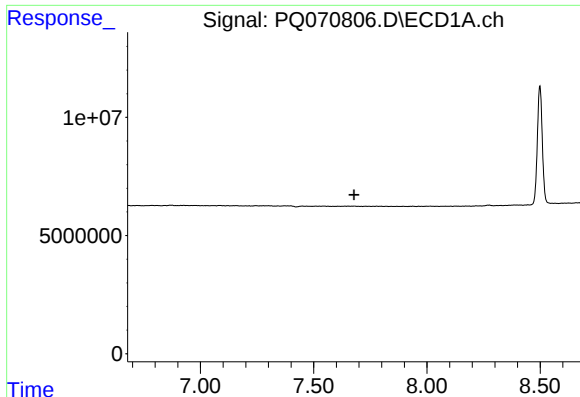
#42 AR-1268-2

R.T.: 7.500 min
Delta R.T.: 0.004 min
Response: 25641
Conc: 0.04 ng/ml



#42 AR-1268-2

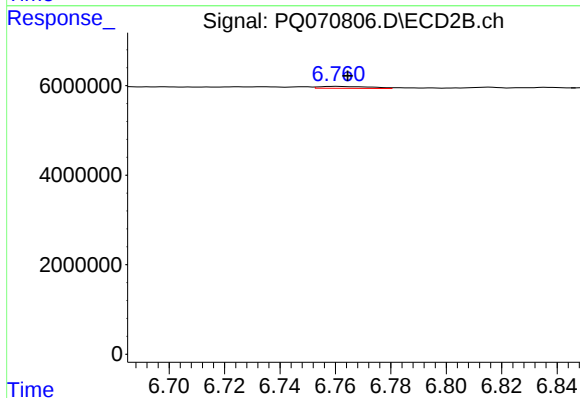
R.T.: 0.000 min
Exp R.T. : 6.564 min
Response: 0
Conc: N.D.



#43 AR-1268-3

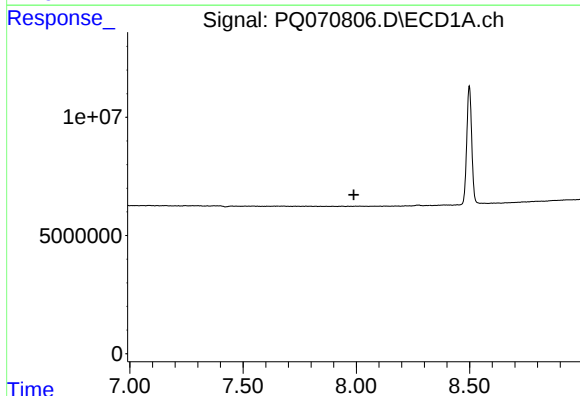
R.T.: 0.000 min
Exp R.T.: 7.678 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



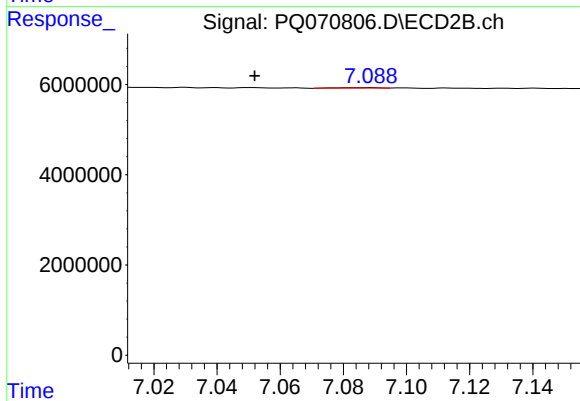
#43 AR-1268-3

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 540456
Conc: 0.60 ng/ml



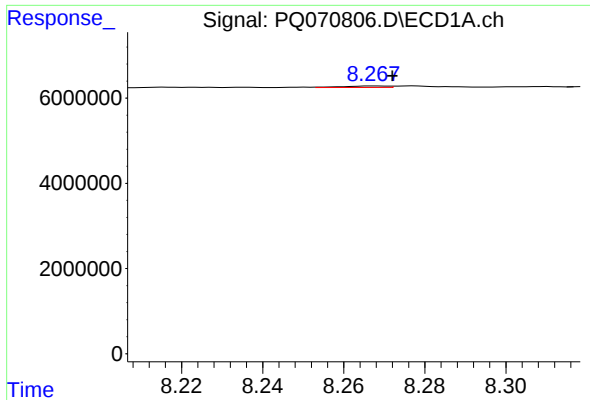
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 7.989 min
Response: 0
Conc: N.D.



#44 AR-1268-4

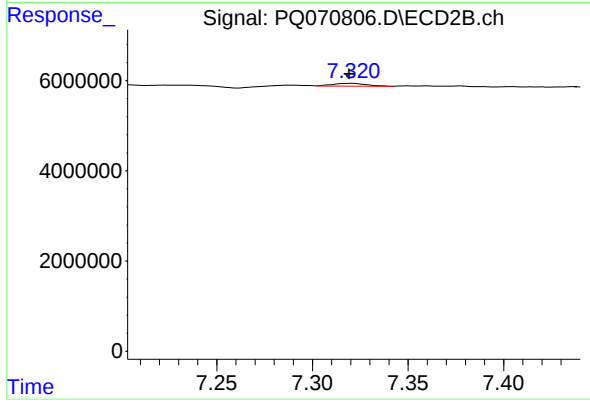
R.T.: 7.088 min
Delta R.T.: 0.036 min
Response: 97689
Conc: 0.25 ng/ml



#45 AR-1268-5

R.T.: 8.267 min
Delta R.T.: -0.005 min
Response: 263682
Conc: 0.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.321 min
Delta R.T.: 0.002 min
Response: 752287
Conc: 0.27 ng/ml