

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062294.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 18:10
 Operator : YP\AJ
 Sample : 03639-31
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:28:27 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...	3.404	2.759	92435968	58565373	18.949	23.341
2)	SA Decachlor...	8.587	7.529	54848084	57721247	15.098	17.322
Target Compounds							
5)	L1 AR-1016-3	4.597	3.939	516450	46197	3.389	0.612 #
6)	L1 AR-1016-4	4.694	3.979	614490	99771	4.902	1.519 #
7)	L1 AR-1016-5	0.000	4.170	0	184193	N.D.	2.247 #
8)	L2 AR-1221-1	3.589	2.951	1390228	43530	23.129	1.319 #
9)	L2 AR-1221-2	3.682	3.028	1908935	953678	42.484	37.546
10)	L2 AR-1221-3	0.000	3.107	0	105014	N.D.	1.362 #
11)	L3 AR-1232-1	0.000	3.107	0	105014	N.D.	1.833 #
12)	L3 AR-1232-2	4.254	3.775	1732239	81370	29.285	1.223 #
14)	L3 AR-1232-4	4.694	4.018	614490	313168	10.844	10.530
15)	L3 AR-1232-5	4.766	4.170	221289	184193	5.525	5.165
18)	L4 AR-1242-3	4.597	3.939	516450	46197	4.274	0.789 #
19)	L4 AR-1242-4	4.694	4.018	614490	313168	6.303	5.342
20)	L4 AR-1242-5	5.391	4.517	211366	480783	2.208	5.800 #
22)	L5 AR-1248-2	4.766	3.979	221289	99771	1.540	1.064 #
23)	L5 AR-1248-3	0.000	4.018	0	313168	N.D.	3.459 #
24)	L5 AR-1248-4	5.368	4.170	282098	184193	1.470	1.632
25)	L5 AR-1248-5	5.391	4.550	211366	1882886	1.167	16.807 #
26)	L6 AR-1254-1	5.324	4.517	1807446	480783	9.727	2.978 #
27)	L6 AR-1254-2	5.528	4.659	2278121	1398047	7.836	9.496
28)	L6 AR-1254-3	5.902	5.045	1735698	298539	5.651	1.277 #
29)	L6 AR-1254-4	0.000	5.272	0	438128	N.D.	2.875 #
30)	L6 AR-1254-5	6.595	5.665	753361	4641022	2.933	20.109 #
31)	L7 AR-1260-1	6.064	5.168	82131	541858	0.348	3.253 #
32)	L7 AR-1260-2	6.313	5.360	2218473	968116	7.681	4.656 #
33)	L7 AR-1260-3	6.673	5.508	498173	1042846	2.821	5.360 #
34)	L7 AR-1260-4	6.906	5.949	749759	488706	3.559	3.350
35)	L7 AR-1260-5	7.207	6.207	864565	650351	2.106	1.959
36)	L8 AR-1262-1	6.673	5.717	498173	281669	1.634	1.212 #
37)	L8 AR-1262-2	7.207	5.949	864565	488706	1.641	2.260 #
38)	L8 AR-1262-3	7.477	6.487	470502	261234	1.336	1.499
39)	L8 AR-1262-4	0.000	6.538	0	2602918	N.D.	8.076 #
40)	L8 AR-1262-5	8.065	7.043	92069	701464	0.519	4.522 #
41)	L9 AR-1268-1	7.477	6.487	470502	261234	0.829	0.555 #
42)	L9 AR-1268-2	0.000	6.538	0	2602918	N.D.	6.143 #
43)	L9 AR-1268-3	7.737	6.754	817382	7125394	1.915	19.346 #
44)	L9 AR-1268-4	8.065	7.043	92069	701464	0.503	4.386 #
45)	L9 AR-1268-5	8.352	7.312	863789	2179077	0.685	1.867 #

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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

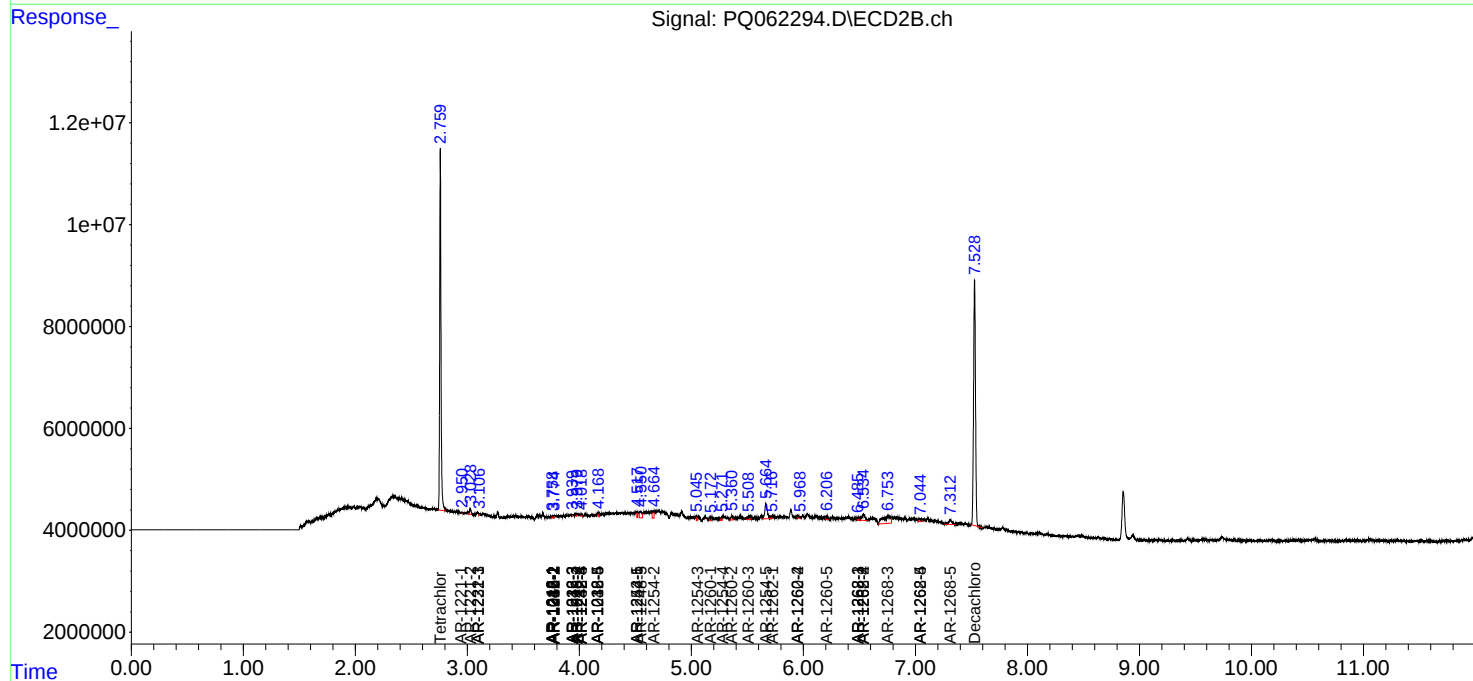
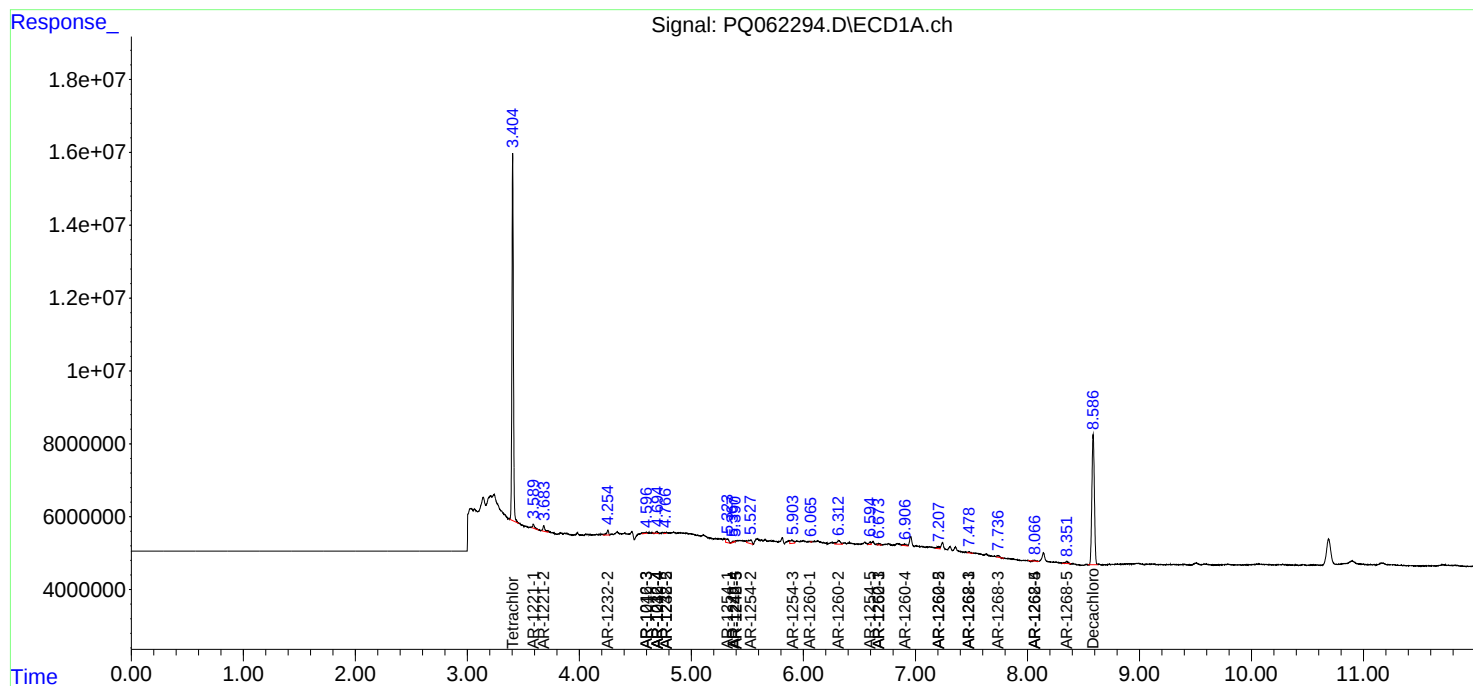
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

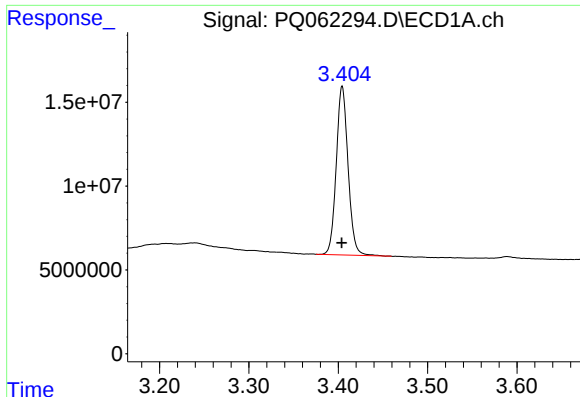
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
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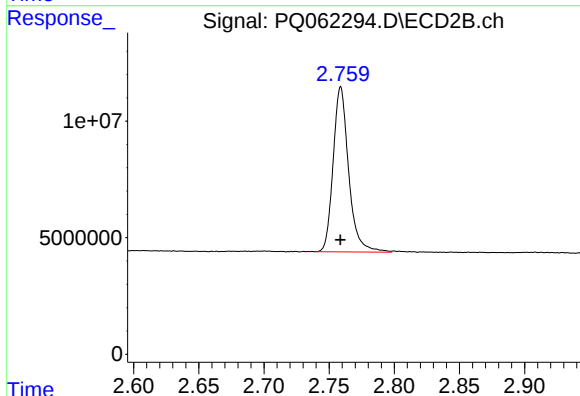




#1 Tetrachloro-m-xylene

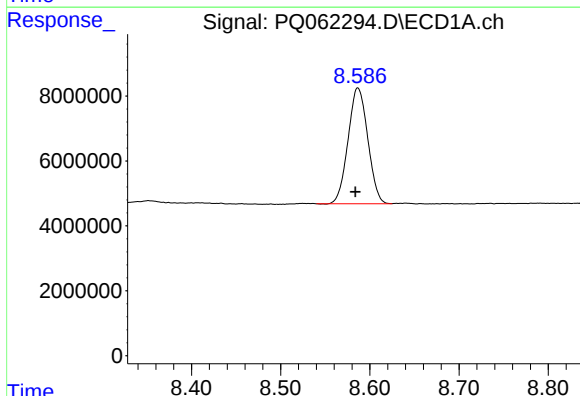
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 92435968
Conc: 18.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



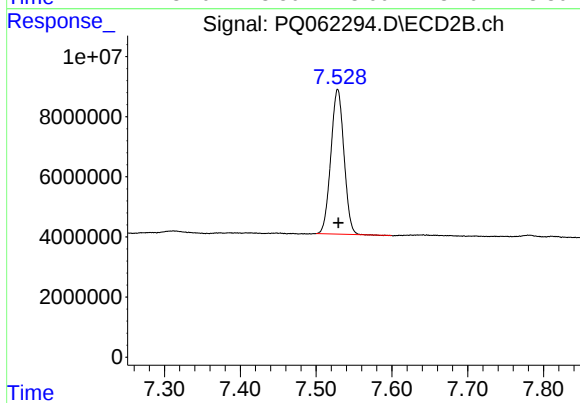
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 58565373
Conc: 23.34 ng/ml



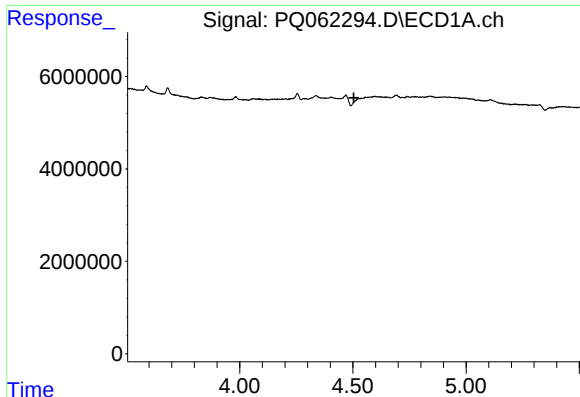
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 54848084
Conc: 15.10 ng/ml



#2 Decachlorobiphenyl

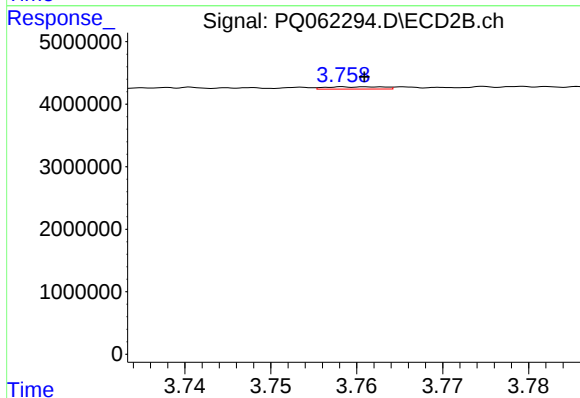
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 57721247
Conc: 17.32 ng/ml



#3 AR-1016-1

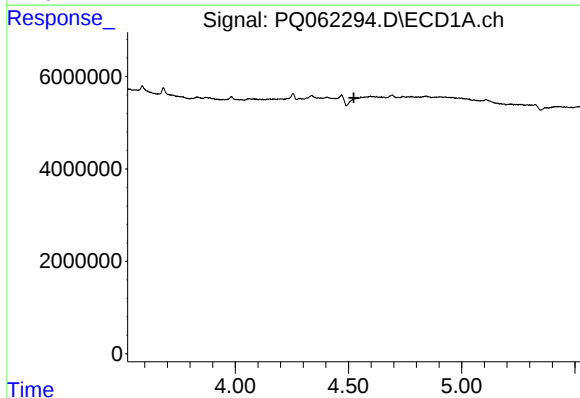
R.T.: 4.537 min
Delta R.T.: 0.032 min
Response: -2259014
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



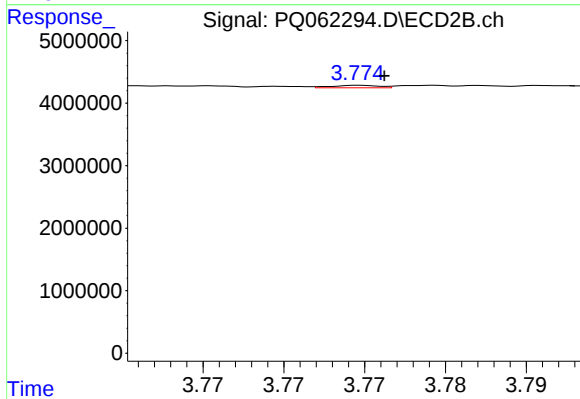
#3 AR-1016-1

R.T.: 3.759 min
Delta R.T.: -0.002 min
Response: 168189
Conc: 1.70 ng/ml



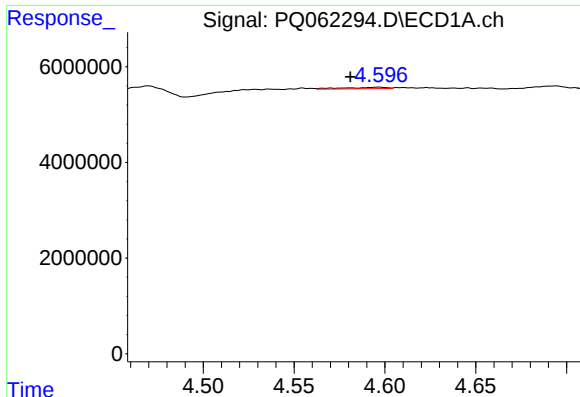
#4 AR-1016-2

R.T.: 4.537 min
Delta R.T.: 0.013 min
Response: -2259014
Conc: N.D.



#4 AR-1016-2

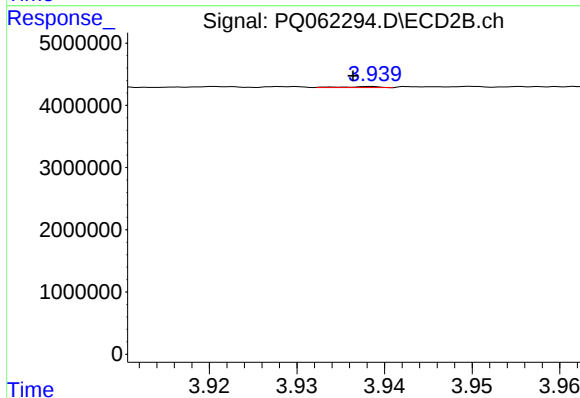
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 81370
Conc: 0.56 ng/ml



#5 AR-1016-3

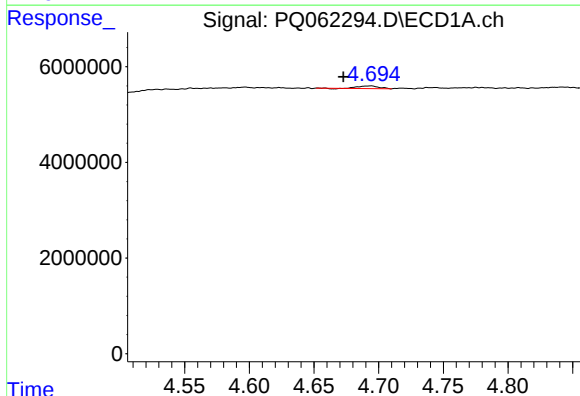
R.T.: 4.597 min
Delta R.T.: 0.016 min
Response: 516450
Conc: 3.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



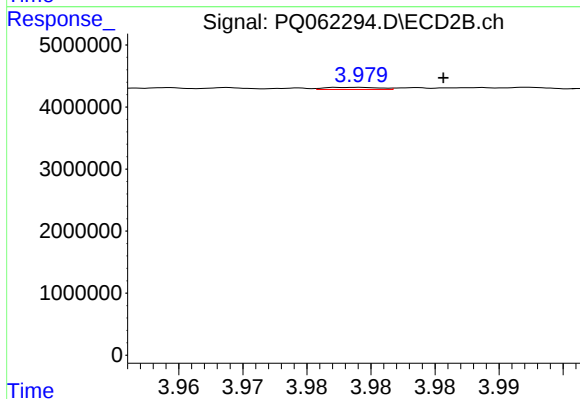
#5 AR-1016-3

R.T.: 3.939 min
Delta R.T.: 0.002 min
Response: 46197
Conc: 0.61 ng/ml



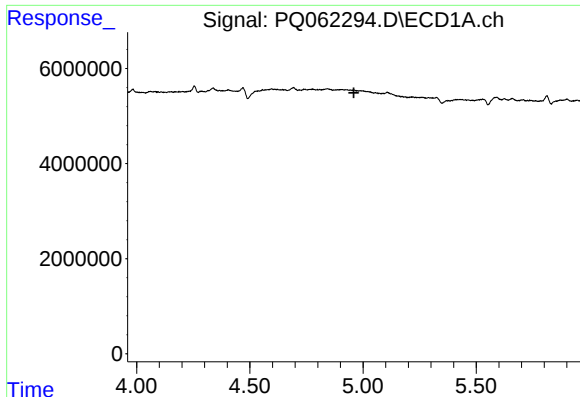
#6 AR-1016-4

R.T.: 4.694 min
Delta R.T.: 0.021 min
Response: 614490
Conc: 4.90 ng/ml



#6 AR-1016-4

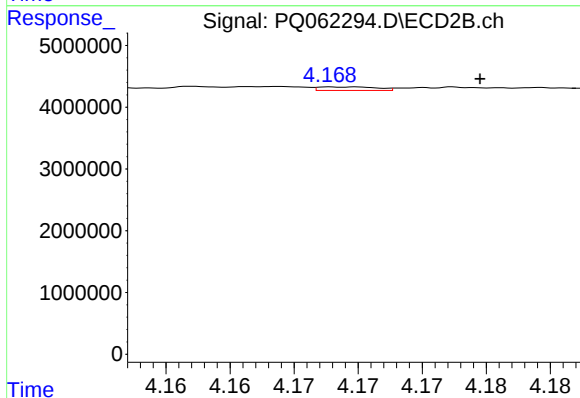
R.T.: 3.979 min
Delta R.T.: -0.006 min
Response: 99771
Conc: 1.52 ng/ml



#7 AR-1016-5

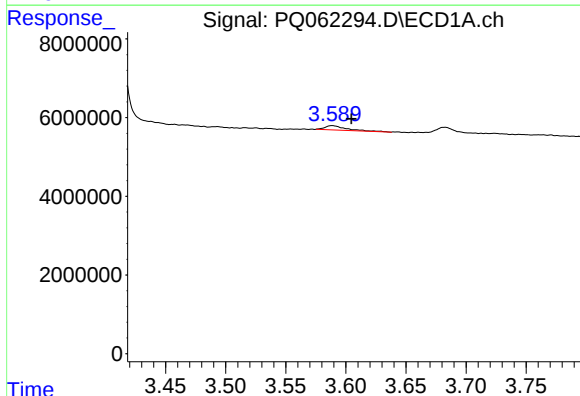
R.T.: 0.000 min
Exp R.T.: 4.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



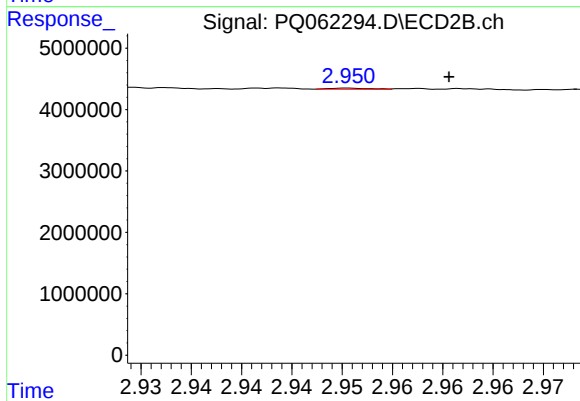
#7 AR-1016-5

R.T.: 4.170 min
Delta R.T.: -0.010 min
Response: 184193
Conc: 2.25 ng/ml



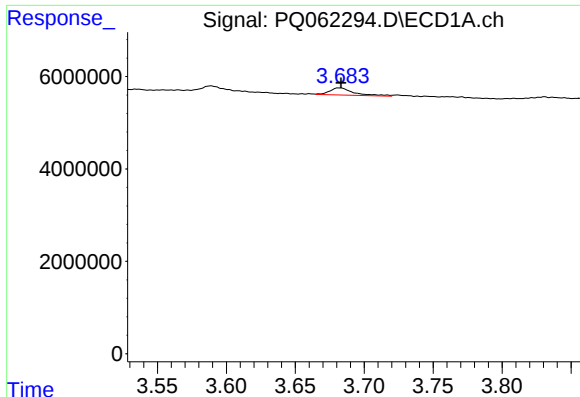
#8 AR-1221-1

R.T.: 3.589 min
Delta R.T.: -0.016 min
Response: 1390228
Conc: 23.13 ng/ml



#8 AR-1221-1

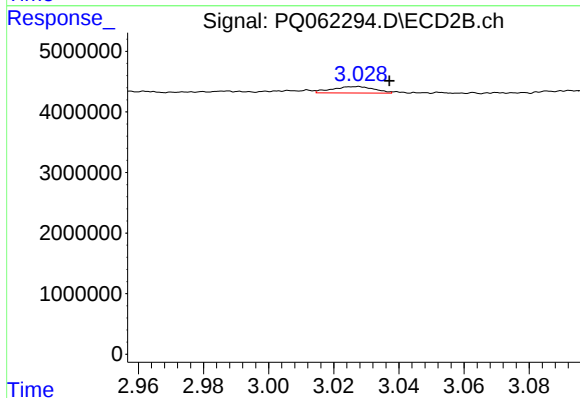
R.T.: 2.951 min
Delta R.T.: -0.010 min
Response: 43530
Conc: 1.32 ng/ml



#9 AR-1221-2

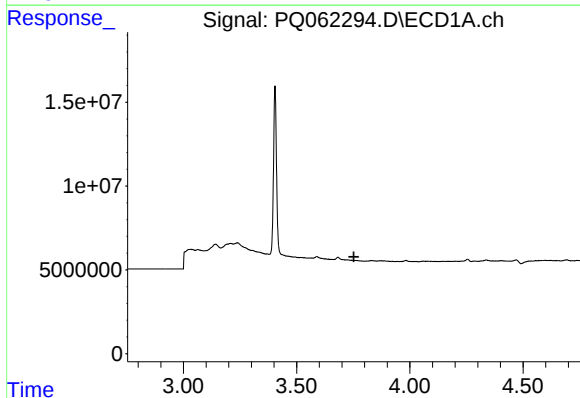
R.T.: 3.682 min
Delta R.T.: 0.000 min
Response: 1908935
Conc: 42.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



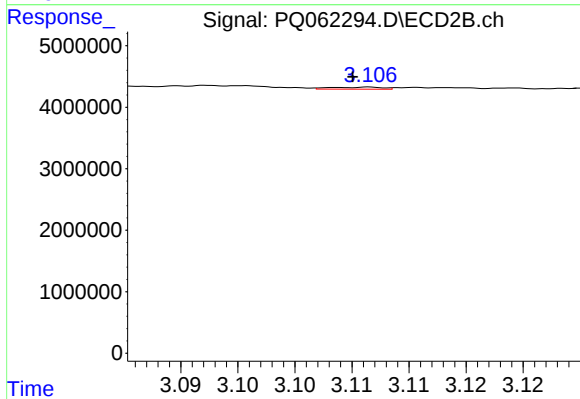
#9 AR-1221-2

R.T.: 3.028 min
Delta R.T.: -0.009 min
Response: 953678
Conc: 37.55 ng/ml



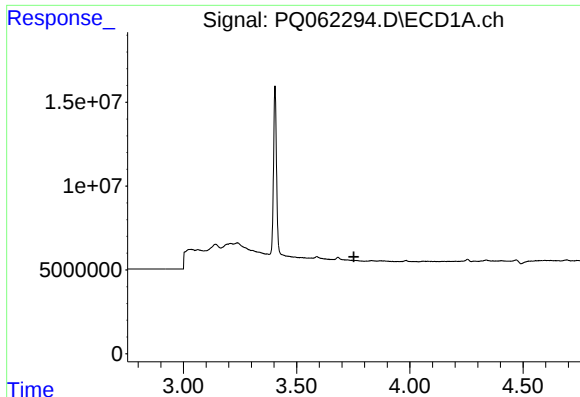
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.753 min
Response: 0
Conc: N.D.



#10 AR-1221-3

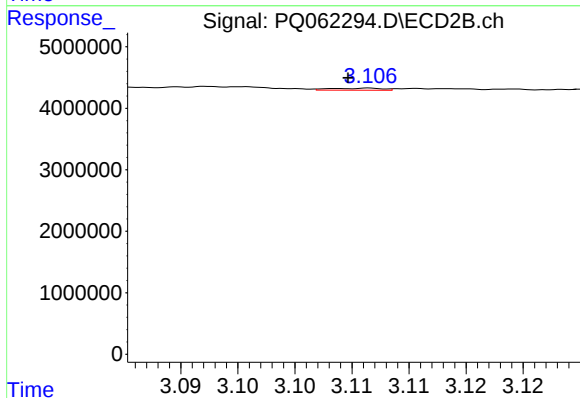
R.T.: 3.107 min
Delta R.T.: 0.002 min
Response: 105014
Conc: 1.36 ng/ml



#11 AR-1232-1

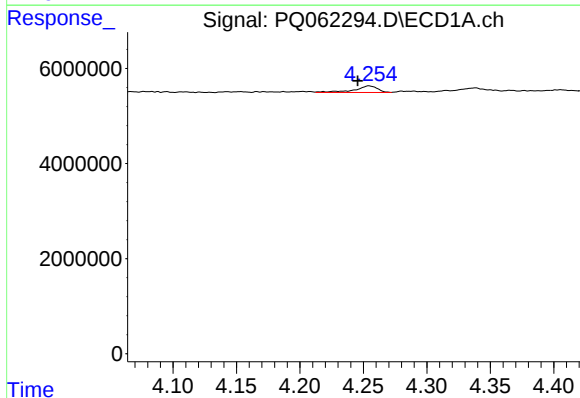
R.T.: 0.000 min
Exp R.T.: 3.753 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



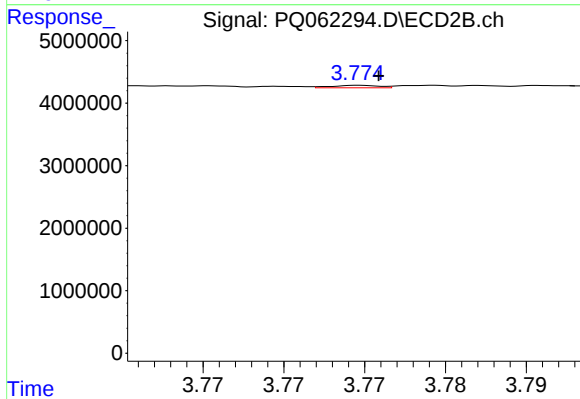
#11 AR-1232-1

R.T.: 3.107 min
Delta R.T.: 0.002 min
Response: 105014
Conc: 1.83 ng/ml



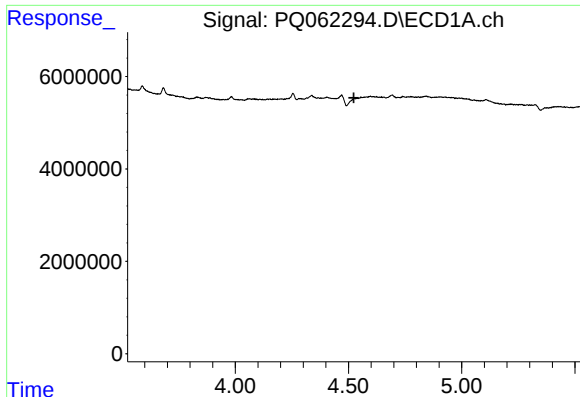
#12 AR-1232-2

R.T.: 4.254 min
Delta R.T.: 0.009 min
Response: 1732239
Conc: 29.28 ng/ml



#12 AR-1232-2

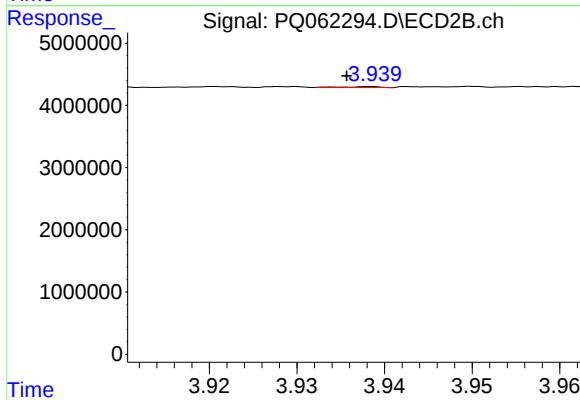
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 81370
Conc: 1.22 ng/ml



#13 AR-1232-3

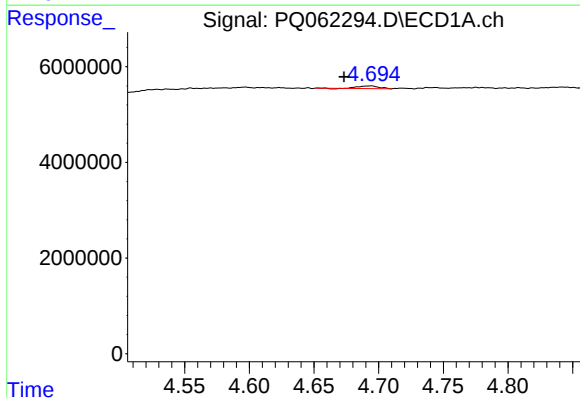
R.T.: 4.537 min
Delta R.T.: 0.013 min
Response: -2259014
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



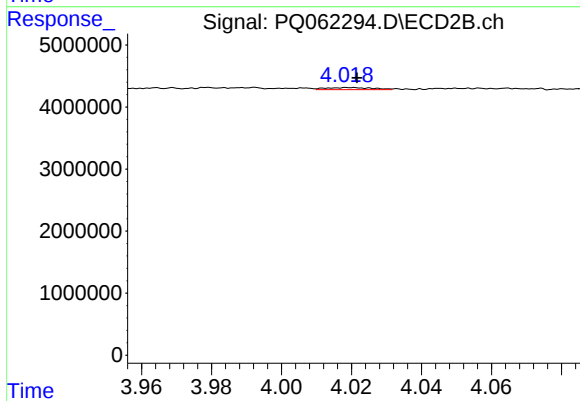
#13 AR-1232-3

R.T.: 3.939 min
Delta R.T.: 0.003 min
Response: 46197
Conc: 1.34 ng/ml



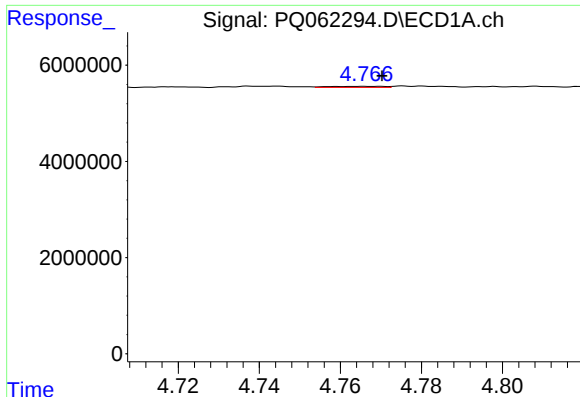
#14 AR-1232-4

R.T.: 4.694 min
Delta R.T.: 0.021 min
Response: 614490
Conc: 10.84 ng/ml



#14 AR-1232-4

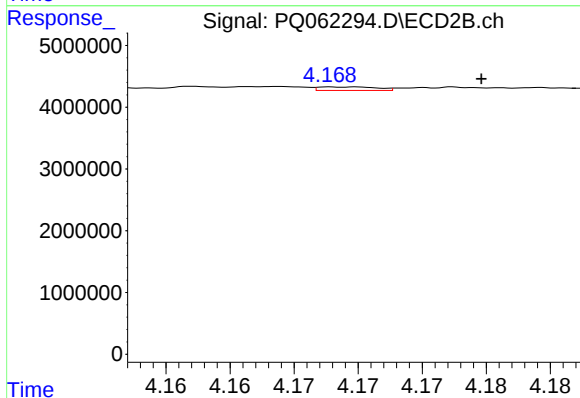
R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 313168
Conc: 10.53 ng/ml



#15 AR-1232-5

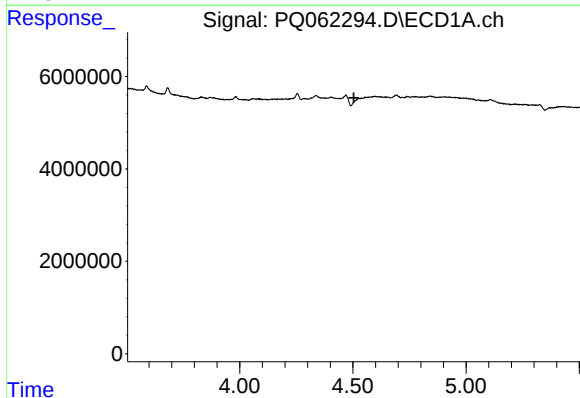
R.T.: 4.766 min
Delta R.T.: -0.004 min
Response: 221289
Conc: 5.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



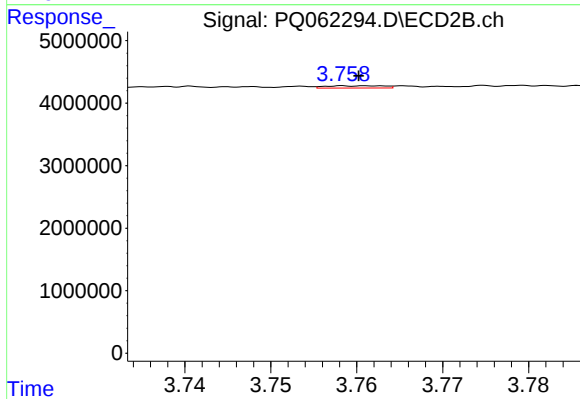
#15 AR-1232-5

R.T.: 4.170 min
Delta R.T.: -0.010 min
Response: 184193
Conc: 5.17 ng/ml



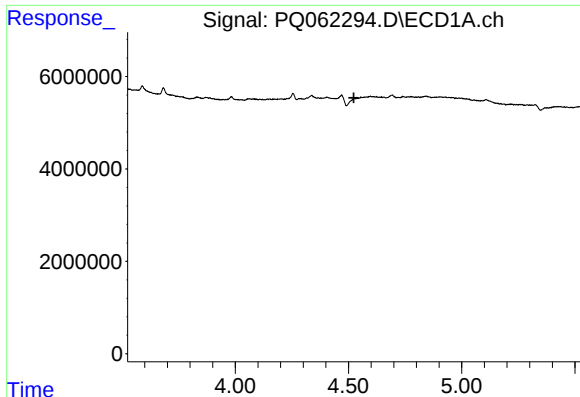
#16 AR-1242-1

R.T.: 4.537 min
Delta R.T.: 0.032 min
Response: -2259014
Conc: N.D.



#16 AR-1242-1

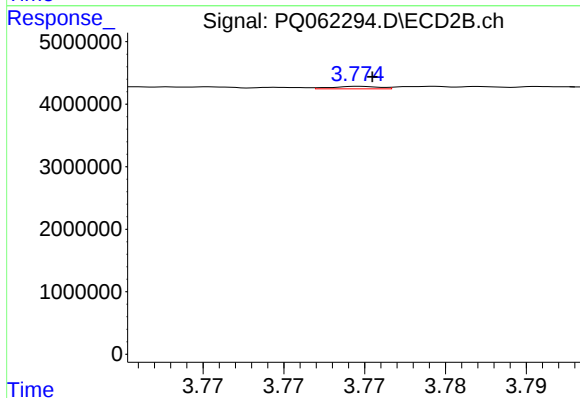
R.T.: 3.759 min
Delta R.T.: -0.002 min
Response: 168189
Conc: 2.17 ng/ml



#17 AR-1242-2

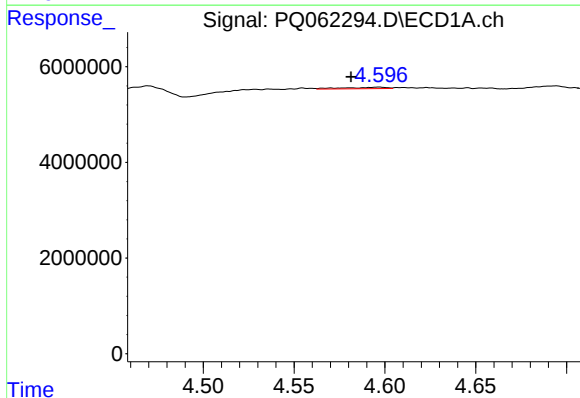
R.T.: 4.537 min
Delta R.T.: 0.013 min
Response: -2259014
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



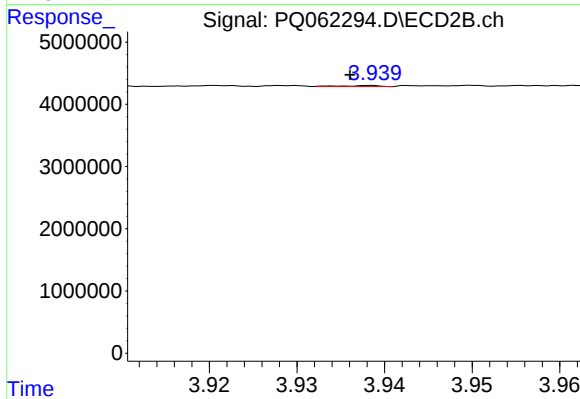
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 81370
Conc: 0.73 ng/ml



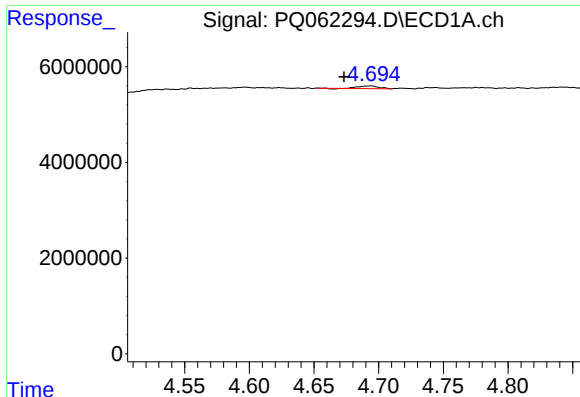
#18 AR-1242-3

R.T.: 4.597 min
Delta R.T.: 0.015 min
Response: 516450
Conc: 4.27 ng/ml



#18 AR-1242-3

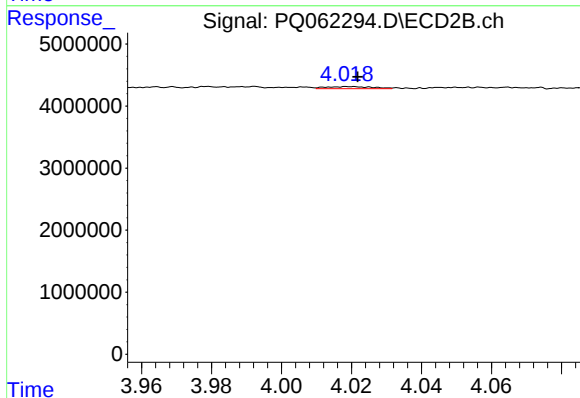
R.T.: 3.939 min
Delta R.T.: 0.003 min
Response: 46197
Conc: 0.79 ng/ml



#19 AR-1242-4

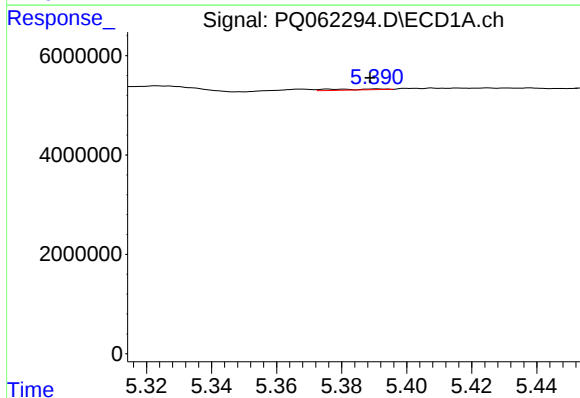
R.T.: 4.694 min
Delta R.T.: 0.021 min
Response: 614490
Conc: 6.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



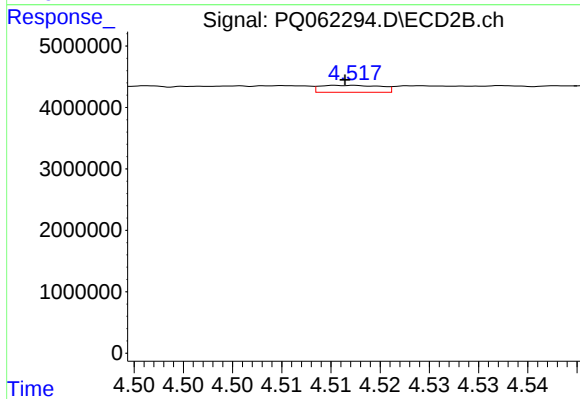
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 313168
Conc: 5.34 ng/ml



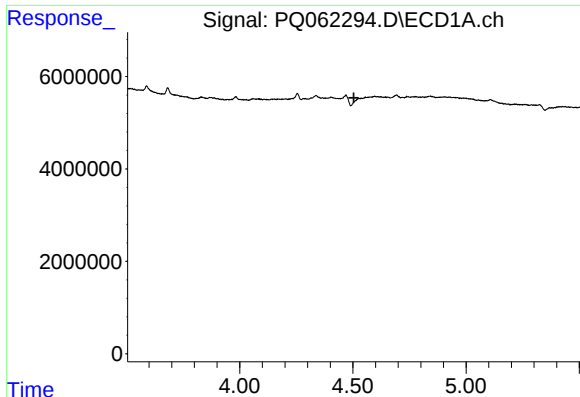
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 211366
Conc: 2.21 ng/ml



#20 AR-1242-5

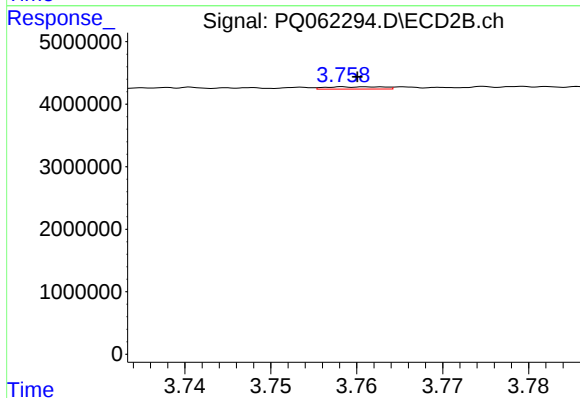
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 480783
Conc: 5.80 ng/ml



#21 AR-1248-1

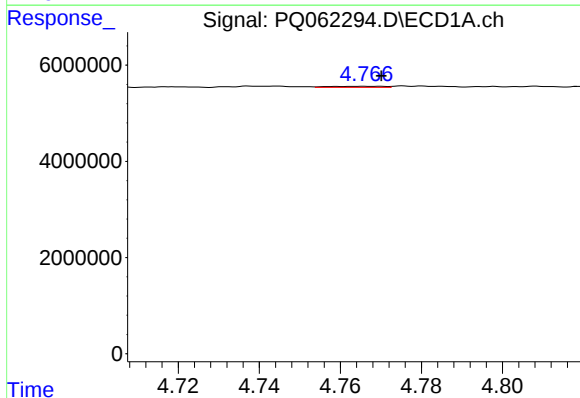
R.T.: 4.537 min
Delta R.T.: 0.032 min
Response: -2259014
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



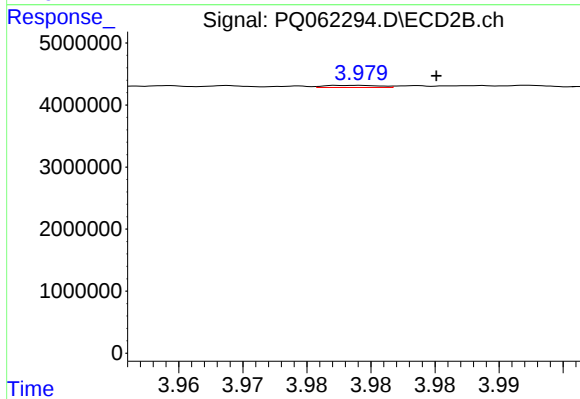
#21 AR-1248-1

R.T.: 3.759 min
Delta R.T.: -0.002 min
Response: 168189
Conc: 2.69 ng/ml



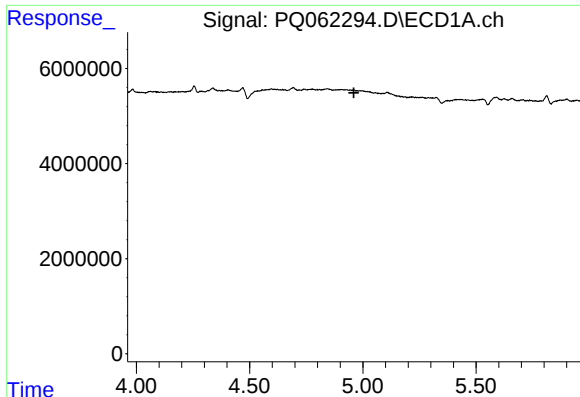
#22 AR-1248-2

R.T.: 4.766 min
Delta R.T.: -0.004 min
Response: 221289
Conc: 1.54 ng/ml



#22 AR-1248-2

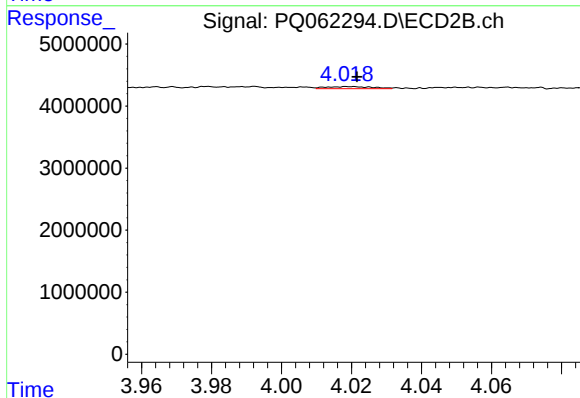
R.T.: 3.979 min
Delta R.T.: -0.006 min
Response: 99771
Conc: 1.06 ng/ml



#23 AR-1248-3

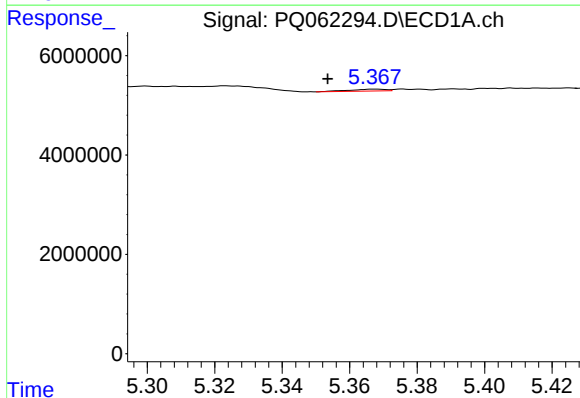
R.T.: 0.000 min
Exp R.T.: 4.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



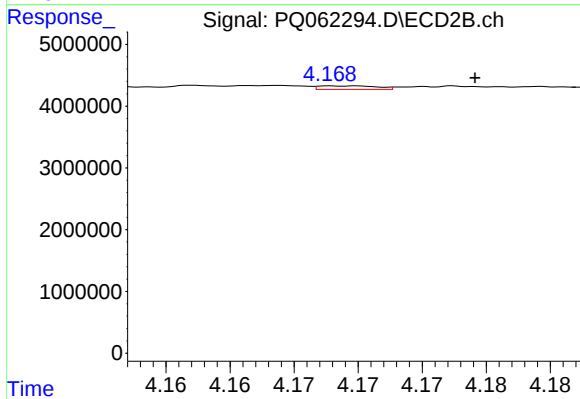
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.003 min
Response: 313168
Conc: 3.46 ng/ml



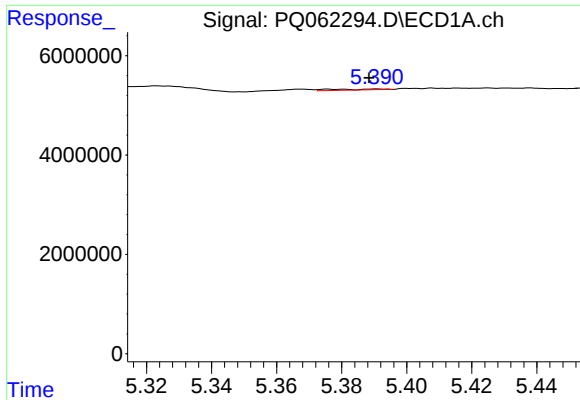
#24 AR-1248-4

R.T.: 5.368 min
Delta R.T.: 0.014 min
Response: 282098
Conc: 1.47 ng/ml



#24 AR-1248-4

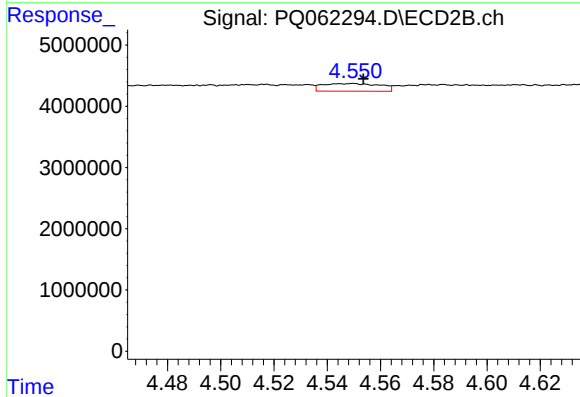
R.T.: 4.170 min
Delta R.T.: -0.009 min
Response: 184193
Conc: 1.63 ng/ml



#25 AR-1248-5

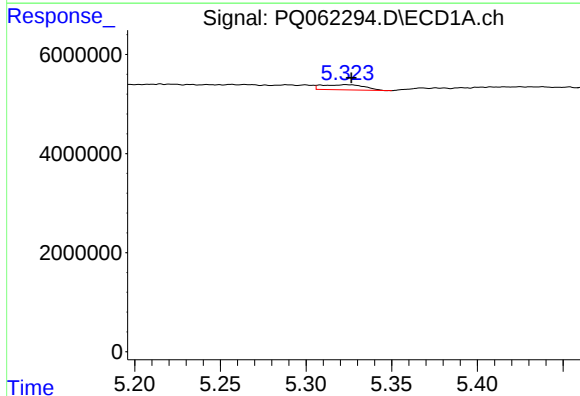
R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 211366
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



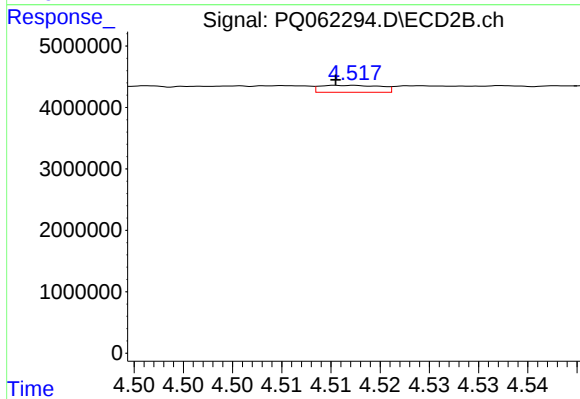
#25 AR-1248-5

R.T.: 4.550 min
Delta R.T.: -0.004 min
Response: 1882886
Conc: 16.81 ng/ml



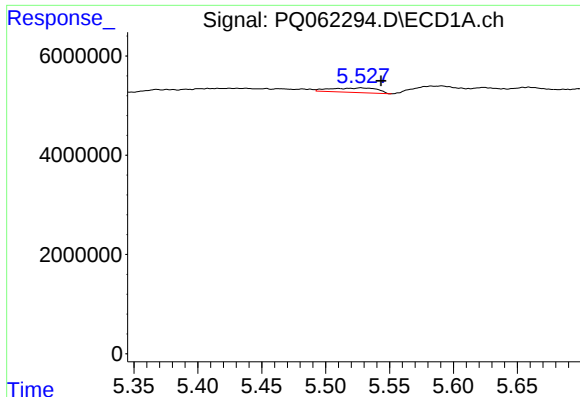
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: -0.003 min
Response: 1807446
Conc: 9.73 ng/ml



#26 AR-1254-1

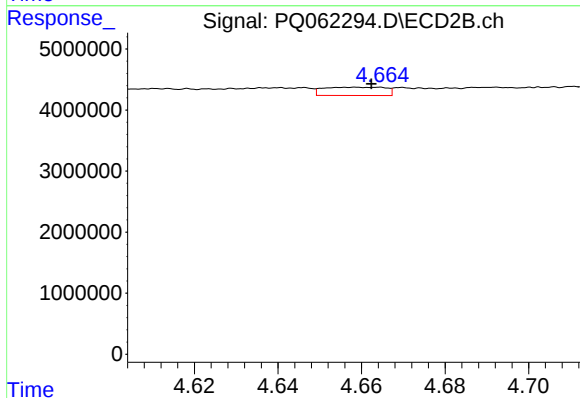
R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 480783
Conc: 2.98 ng/ml



#27 AR-1254-2

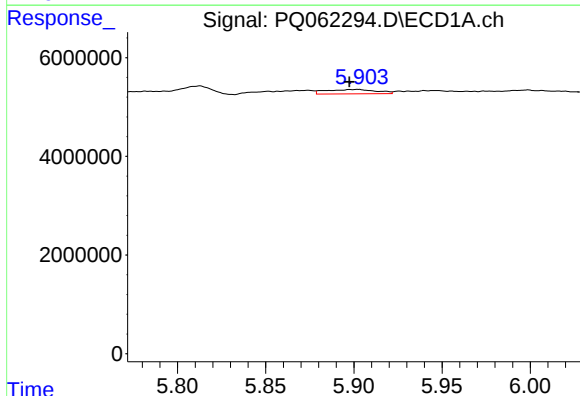
R.T.: 5.528 min
Delta R.T.: -0.016 min
Response: 2278121
Conc: 7.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



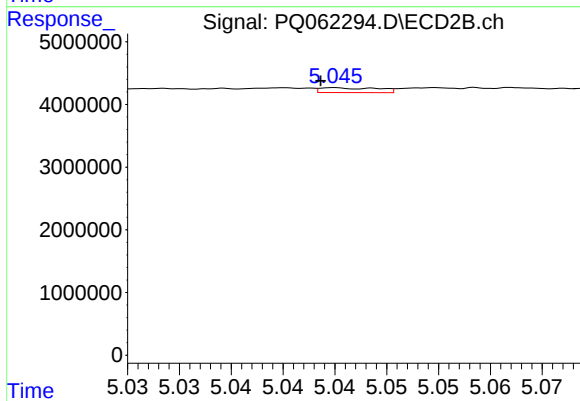
#27 AR-1254-2

R.T.: 4.659 min
Delta R.T.: -0.003 min
Response: 1398047
Conc: 9.50 ng/ml



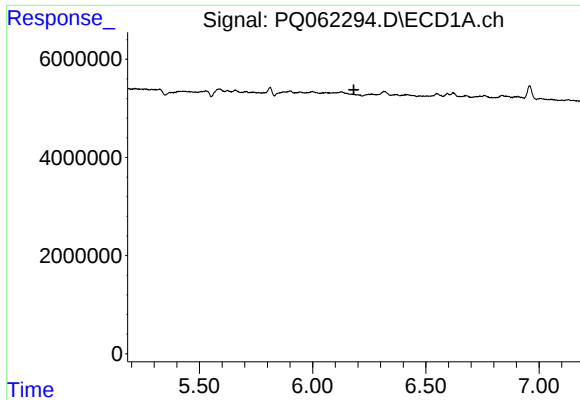
#28 AR-1254-3

R.T.: 5.902 min
Delta R.T.: 0.005 min
Response: 1735698
Conc: 5.65 ng/ml



#28 AR-1254-3

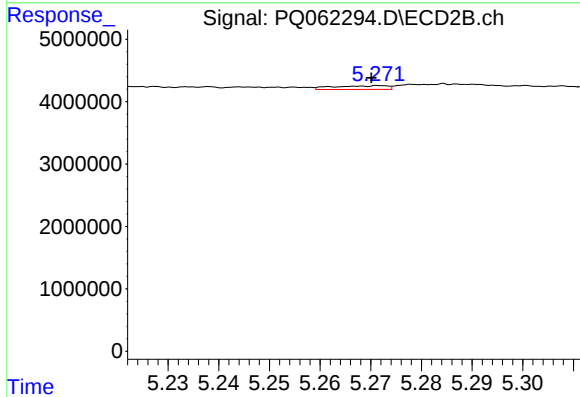
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 298539
Conc: 1.28 ng/ml



#29 AR-1254-4

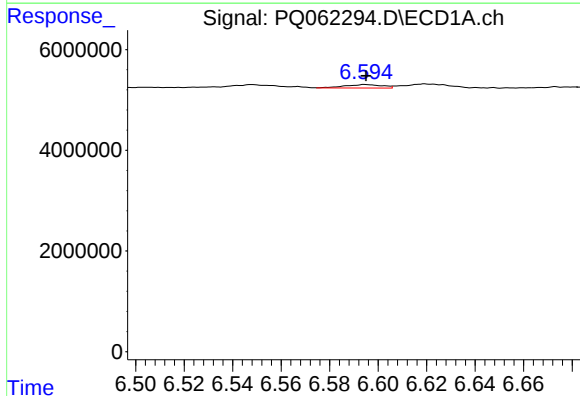
R.T.: 0.000 min
Exp R.T.: 6.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



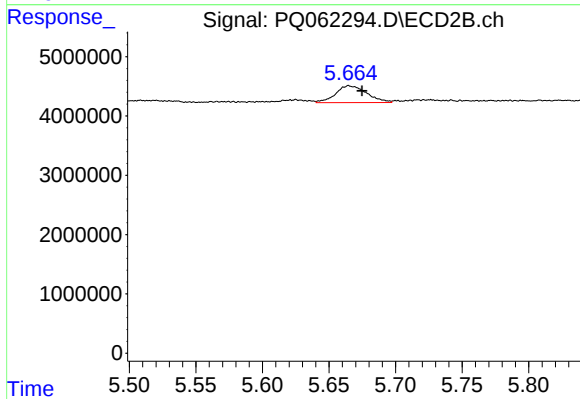
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 438128
Conc: 2.87 ng/ml



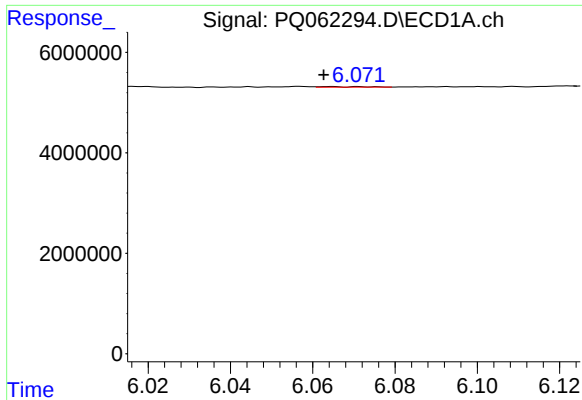
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 753361
Conc: 2.93 ng/ml



#30 AR-1254-5

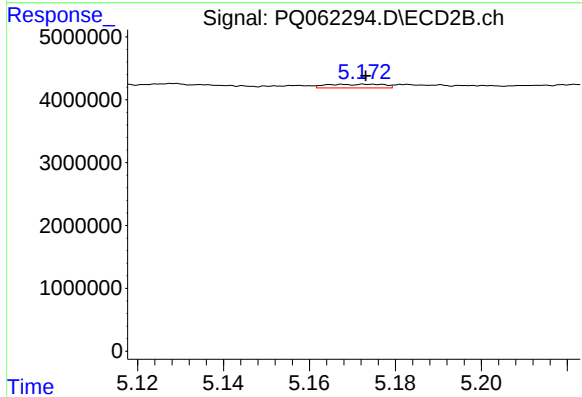
R.T.: 5.665 min
Delta R.T.: -0.010 min
Response: 4641022
Conc: 20.11 ng/ml



#31 AR-1260-1

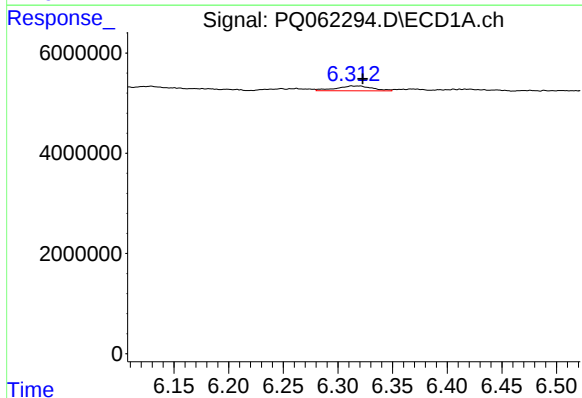
R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 82131
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



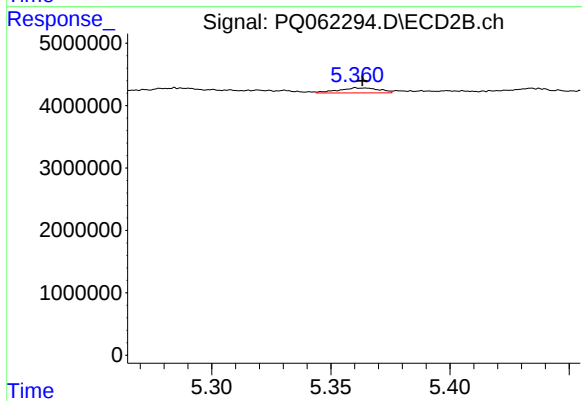
#31 AR-1260-1

R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 541858
Conc: 3.25 ng/ml



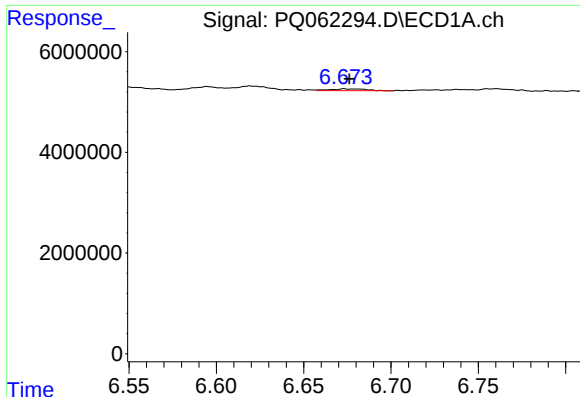
#32 AR-1260-2

R.T.: 6.313 min
Delta R.T.: -0.010 min
Response: 2218473
Conc: 7.68 ng/ml



#32 AR-1260-2

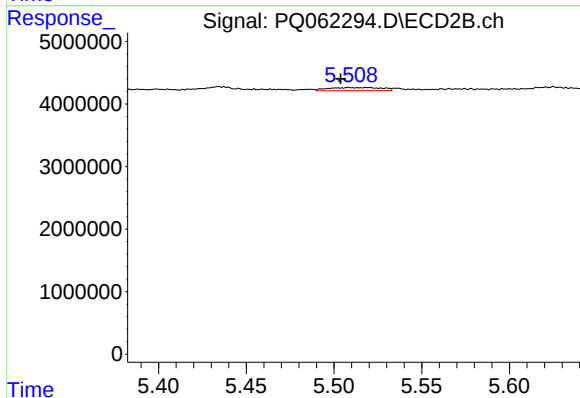
R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 968116
Conc: 4.66 ng/ml



#33 AR-1260-3

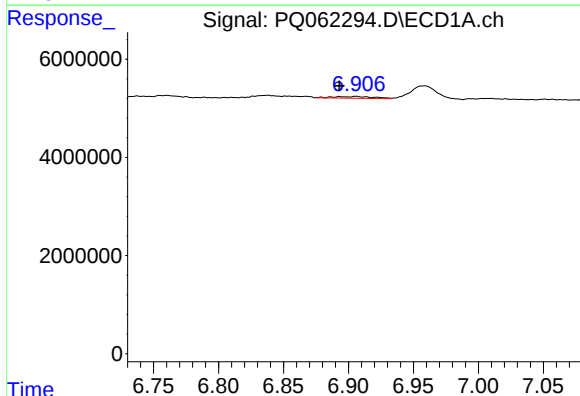
R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 498173
Conc: 2.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



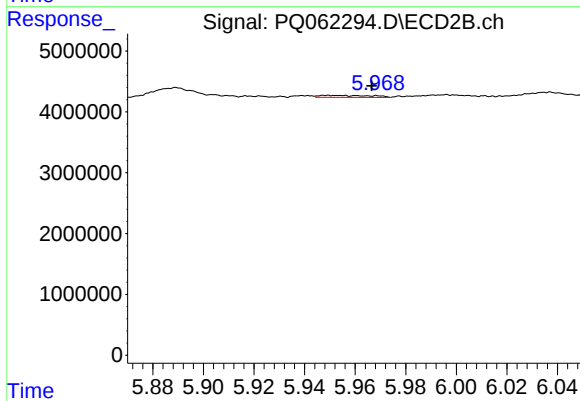
#33 AR-1260-3

R.T.: 5.508 min
Delta R.T.: 0.005 min
Response: 1042846
Conc: 5.36 ng/ml



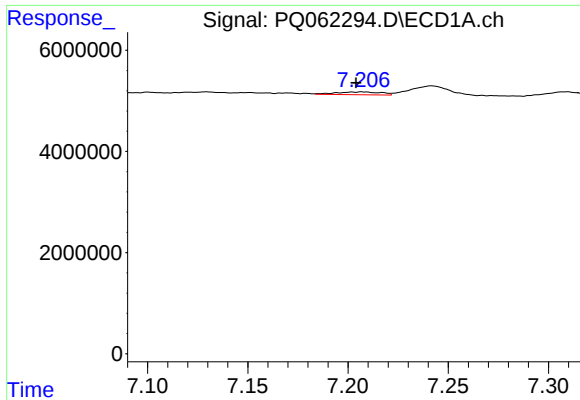
#34 AR-1260-4

R.T.: 6.906 min
Delta R.T.: 0.013 min
Response: 749759
Conc: 3.56 ng/ml



#34 AR-1260-4

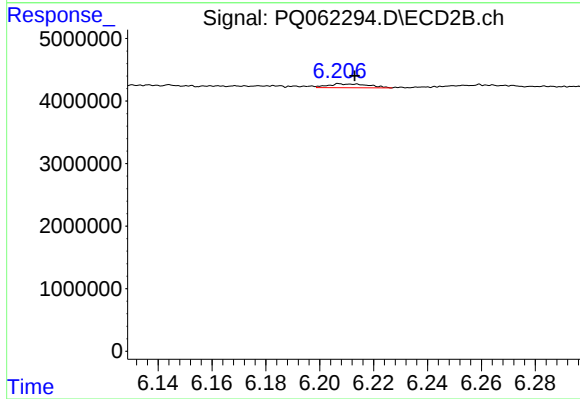
R.T.: 5.949 min
Delta R.T.: -0.017 min
Response: 488706
Conc: 3.35 ng/ml



#35 AR-1260-5

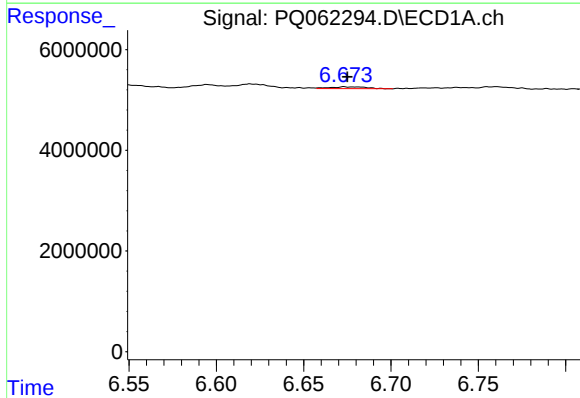
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 864565
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



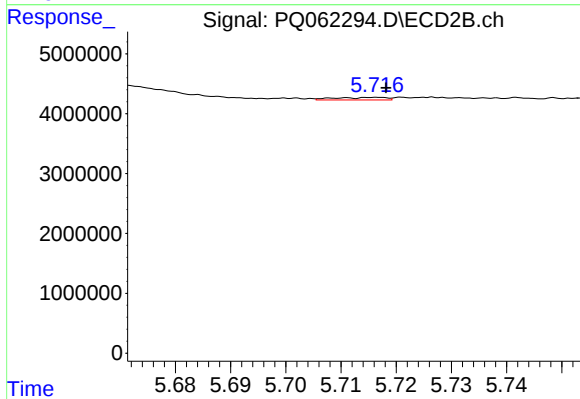
#35 AR-1260-5

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 650351
Conc: 1.96 ng/ml



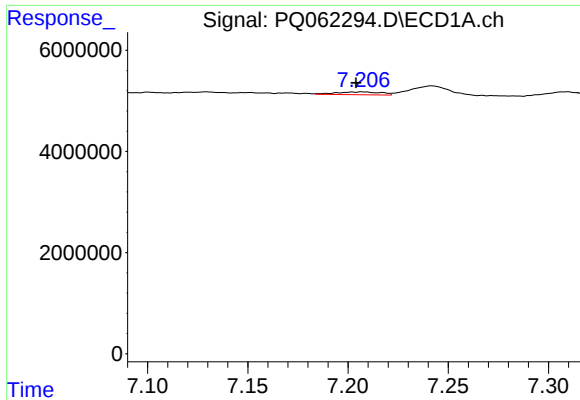
#36 AR-1262-1

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 498173
Conc: 1.63 ng/ml



#36 AR-1262-1

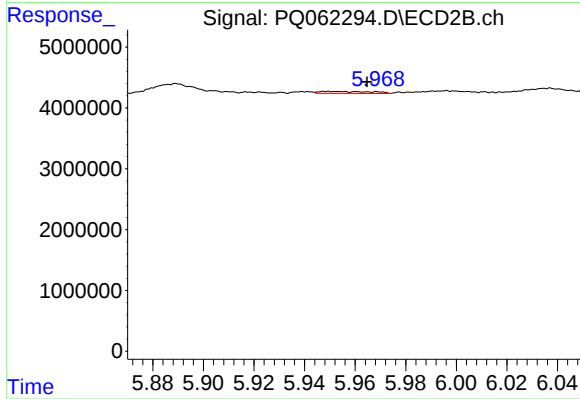
R.T.: 5.717 min
Delta R.T.: -0.001 min
Response: 281669
Conc: 1.21 ng/ml



#37 AR-1262-2

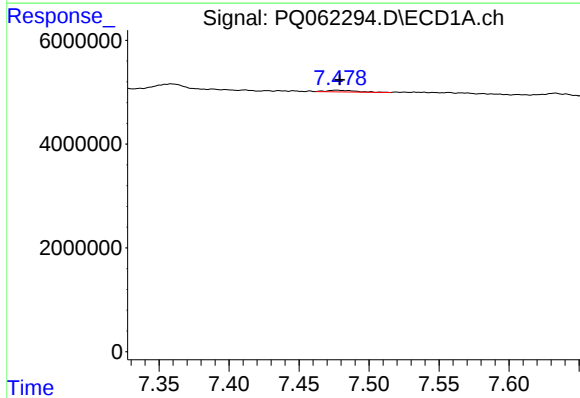
R.T.: 7.207 min
Delta R.T.: 0.004 min
Response: 864565
Conc: 1.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



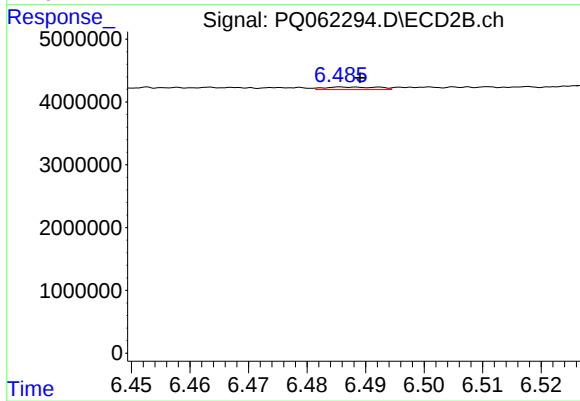
#37 AR-1262-2

R.T.: 5.949 min
Delta R.T.: -0.015 min
Response: 488706
Conc: 2.26 ng/ml



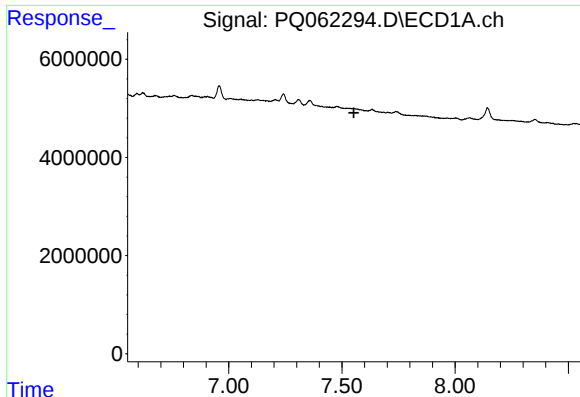
#38 AR-1262-3

R.T.: 7.477 min
Delta R.T.: -0.002 min
Response: 470502
Conc: 1.34 ng/ml



#38 AR-1262-3

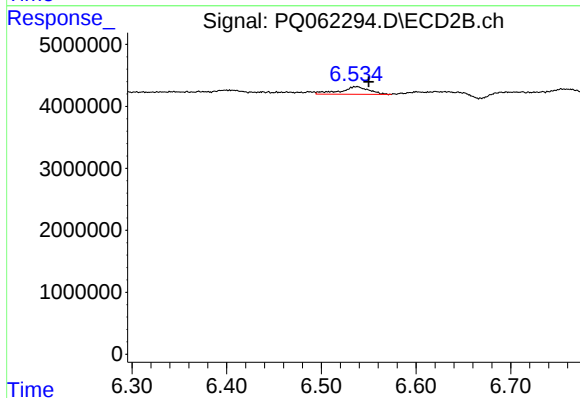
R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 261234
Conc: 1.50 ng/ml



#39 AR-1262-4

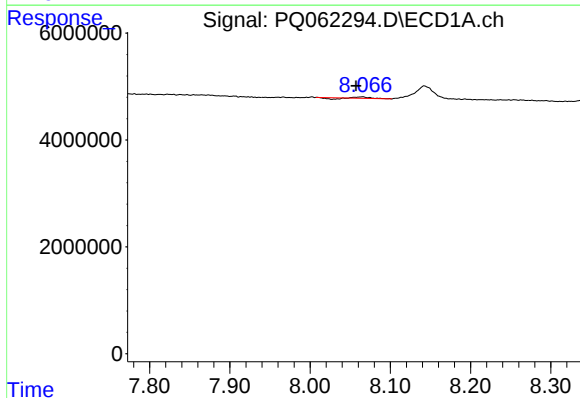
R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



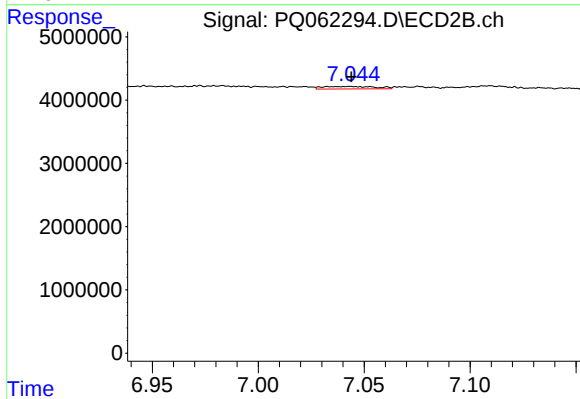
#39 AR-1262-4

R.T.: 6.538 min
Delta R.T.: -0.012 min
Response: 2602918
Conc: 8.08 ng/ml



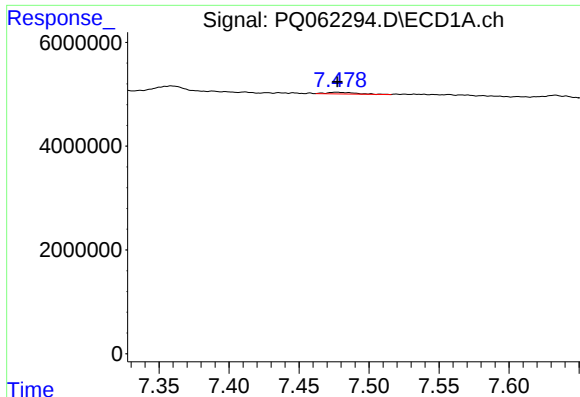
#40 AR-1262-5

R.T.: 8.065 min
Delta R.T.: 0.008 min
Response: 92069
Conc: 0.52 ng/ml



#40 AR-1262-5

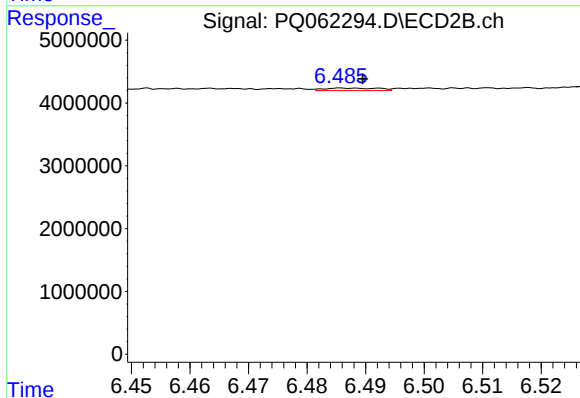
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 701464
Conc: 4.52 ng/ml



#41 AR-1268-1

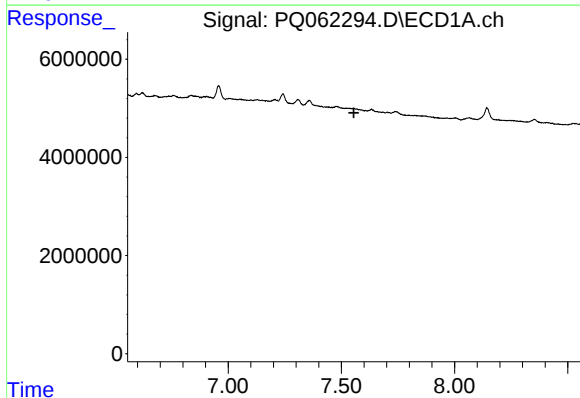
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 470502
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



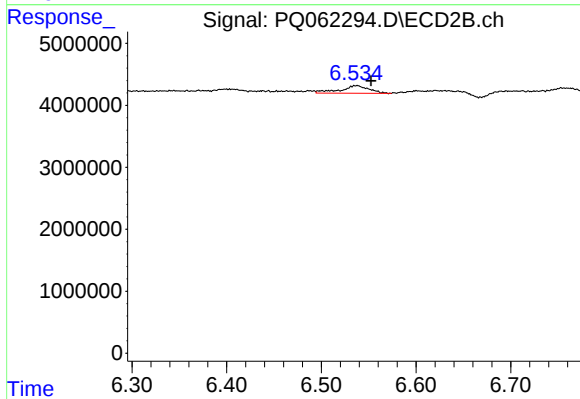
#41 AR-1268-1

R.T.: 6.487 min
Delta R.T.: -0.003 min
Response: 261234
Conc: 0.56 ng/ml



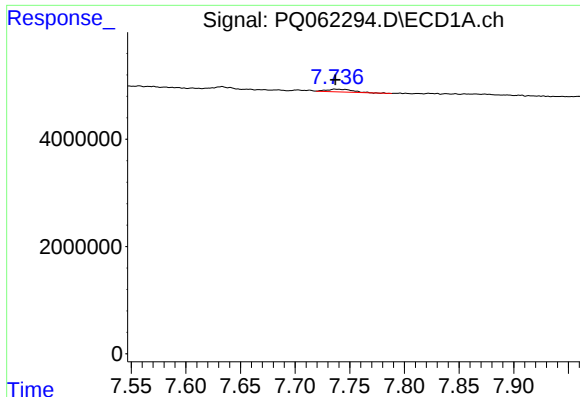
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.556 min
Response: 0
Conc: N.D.



#42 AR-1268-2

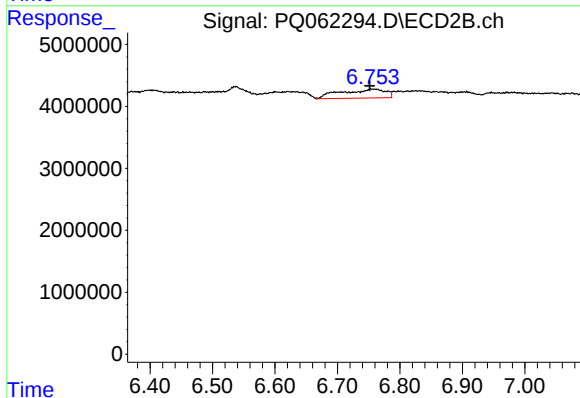
R.T.: 6.538 min
Delta R.T.: -0.015 min
Response: 2602918
Conc: 6.14 ng/ml



#43 AR-1268-3

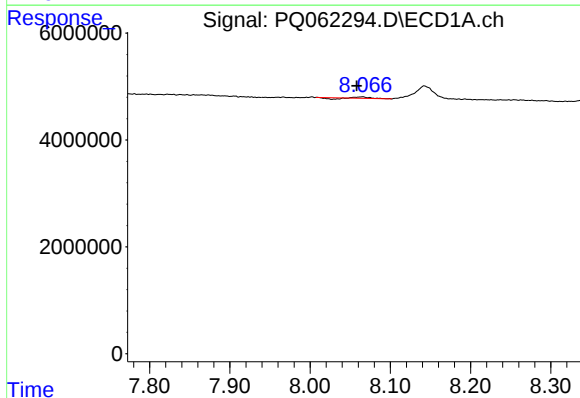
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 817382
Conc: 1.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



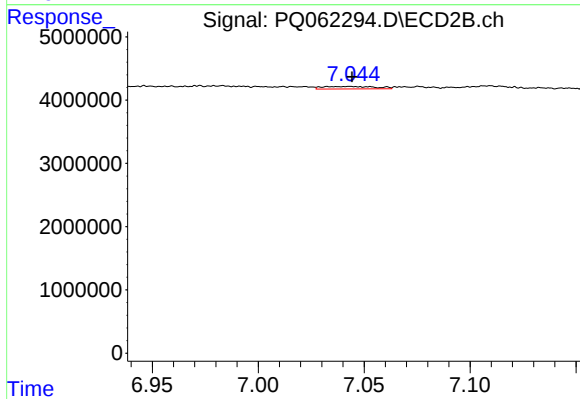
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 7125394
Conc: 19.35 ng/ml



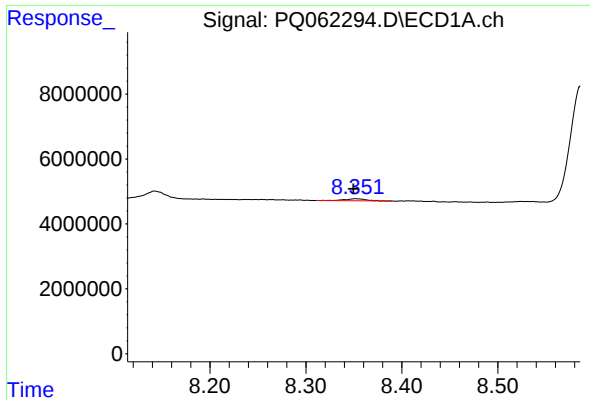
#44 AR-1268-4

R.T.: 8.065 min
Delta R.T.: 0.007 min
Response: 92069
Conc: 0.50 ng/ml



#44 AR-1268-4

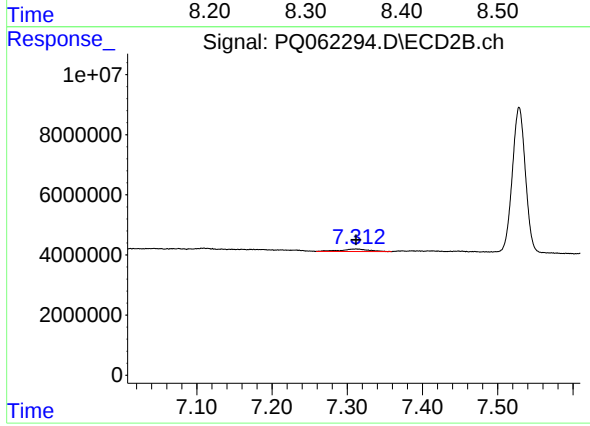
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 701464
Conc: 4.39 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.002 min
Response: 863789
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 2179077
Conc: 1.87 ng/ml