

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072123\
 Data File : PQ062494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2023 16:59
 Operator : YP\AJ
 Sample : 03663-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 21:28:06 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...	3.401	2.754	113.7E6	59726356	23.310	23.804
2)	SA Decachlor...	8.585	7.525	93079333	84974837	25.622	25.501
Target Compounds							
3)	L1 AR-1016-1	4.529	3.769	-1106709	1400186	N.D.	14.147 #
4)	L1 AR-1016-2	4.529	3.769	-1106709	1400186	N.D.	9.710 #
5)	L1 AR-1016-3	4.572	3.937	2703057	761853	17.736	10.098 #
6)	L1 AR-1016-4	4.686	3.983	822084	167472	6.559	2.550 #
7)	L1 AR-1016-5	4.942	4.165	3942917	1520000	32.394	18.541 #
8)	L2 AR-1221-1	3.602	2.986f	18875597	7312025	314.029	221.600 #
9)	L2 AR-1221-2	3.675	3.038	16911539	1234607	376.375	48.606 #
10)	L2 AR-1221-3	3.739	3.112	24810382	3409381	176.563	44.225 #
11)	L3 AR-1232-1	3.739	3.112	24810382	3409381	234.944	59.502 #
12)	L3 AR-1232-2	4.248	3.769	2025115	1400186	34.236	21.038 #
13)	L3 AR-1232-3	4.529	3.937	-1106709	761853	N.D.	22.048 #
14)	L3 AR-1232-4	4.686	4.015	822084	2231816	14.507	75.045 #
15)	L3 AR-1232-5	4.750	4.165	363850	1520000	9.085	42.624 #
16)	L4 AR-1242-1	4.529	3.769	-1106709	1400186	N.D.	18.105 #
17)	L4 AR-1242-2	4.529	3.769	-1106709	1400186	N.D.	12.596 #
18)	L4 AR-1242-3	4.572	3.937	2703057	761853	22.368	13.006 #
19)	L4 AR-1242-4	4.686	4.015	822084	2231816	8.433	38.067 #
20)	L4 AR-1242-5	5.397	4.510	2873340	2852637	30.015	34.414
21)	L5 AR-1248-1	4.529	3.769	-1106709	1400186	N.D.	22.396 #
22)	L5 AR-1248-2	4.750	3.983	363850	167472	2.533	1.786 #
23)	L5 AR-1248-3	4.942	4.015	3942917	2231816	22.698	24.649
24)	L5 AR-1248-4	5.322f	4.165	19107982	1520000	99.557	13.470 #
25)	L5 AR-1248-5	5.397	4.537	2873340	6380146	15.864	56.949 #
26)	L6 AR-1254-1	5.322	4.510	19107982	2852637	102.830	17.667 #
27)	L6 AR-1254-2	5.558	4.667	5910173	2444385	20.330	16.603
28)	L6 AR-1254-3	5.876	5.045	5730976	1002204	18.659	4.288 #
29)	L6 AR-1254-4	6.183	5.263	557328	1090754	2.400	7.157 #
30)	L6 AR-1254-5	6.594	5.670	1885525	3217829	7.340	13.942 #
31)	L7 AR-1260-1	6.054	5.163	218765	3040428	0.927	18.255 #
32)	L7 AR-1260-2	6.320	5.361	4982336	1145474	17.251	5.509 #
33)	L7 AR-1260-3	6.674	5.503	433851	601273	2.457	3.090 #
34)	L7 AR-1260-4	6.900	5.957	269249	205608	1.278	1.410
35)	L7 AR-1260-5	7.209	6.208	1365460	574776	3.325	1.731 #
36)	L8 AR-1262-1	6.674	5.721	433851	107325	1.423	0.462 #
37)	L8 AR-1262-2	7.209	5.957	1365460	205608	2.592	0.951 #
38)	L8 AR-1262-3	7.481	6.483	558268	80434	1.585	0.461 #
39)	L8 AR-1262-4	7.547	6.545	582142	649379	2.183	2.015
40)	L8 AR-1262-5	8.051	7.037	2558321	330711	14.412	2.132 #
41)	L9 AR-1268-1	7.481	6.483	558268	80434	0.984	0.171 #

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 Acq On : 21 Jul 2023 16:59
 Operator : YP\AJ
 Sample : 03663-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

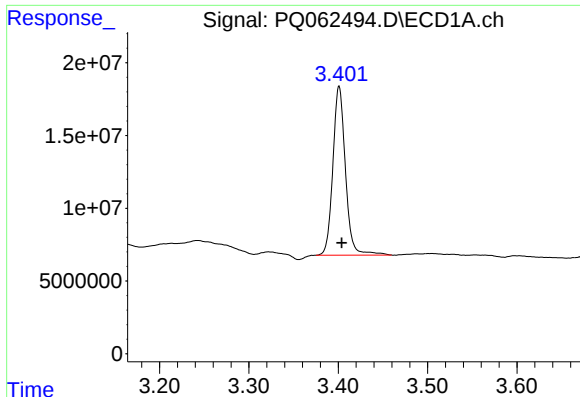
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 21:28:06 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
42) L9	AR-1268-2	7.547	6.545	582142	649379	1.142	1.533 #
43) L9	AR-1268-3	0.000	6.752	0	929399	N.D.	2.523 #
44) L9	AR-1268-4	8.051	7.037	2558321	330711	13.981	2.068 #
45) L9	AR-1268-5	8.351	7.306	905441	2076189	0.718	1.779 #

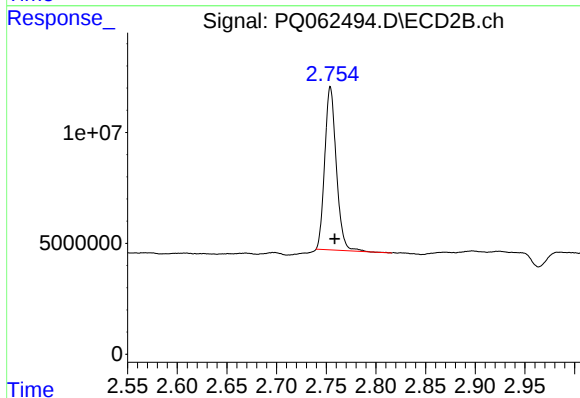
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

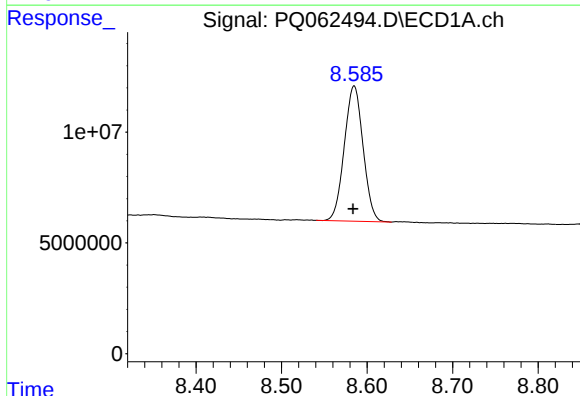
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 113708320
Conc: 23.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



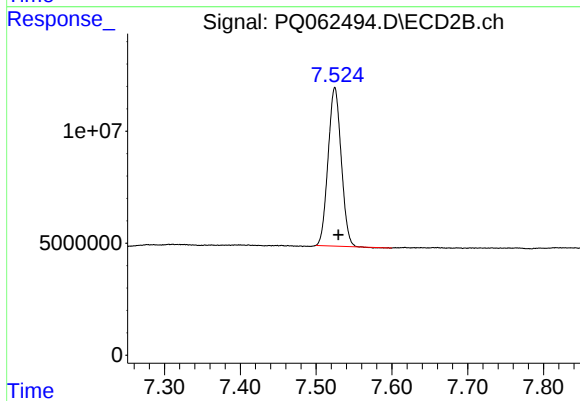
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: -0.004 min
Response: 59726356
Conc: 23.80 ng/ml



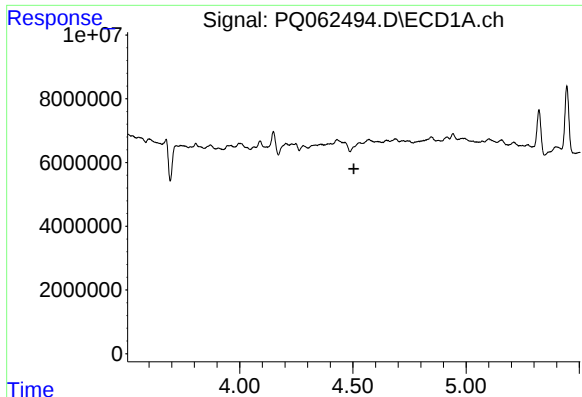
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.001 min
Response: 93079333
Conc: 25.62 ng/ml



#2 Decachlorobiphenyl

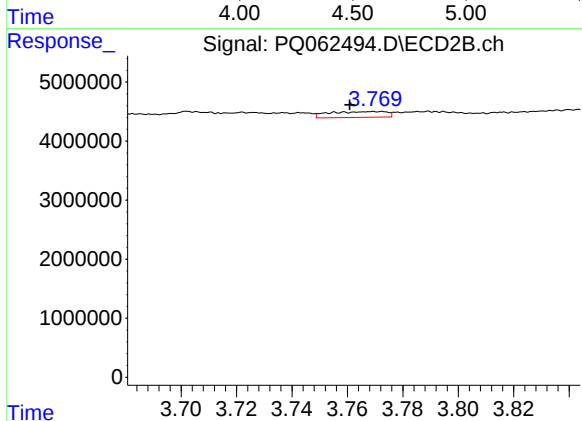
R.T.: 7.525 min
Delta R.T.: -0.005 min
Response: 84974837
Conc: 25.50 ng/ml



#3 AR-1016-1

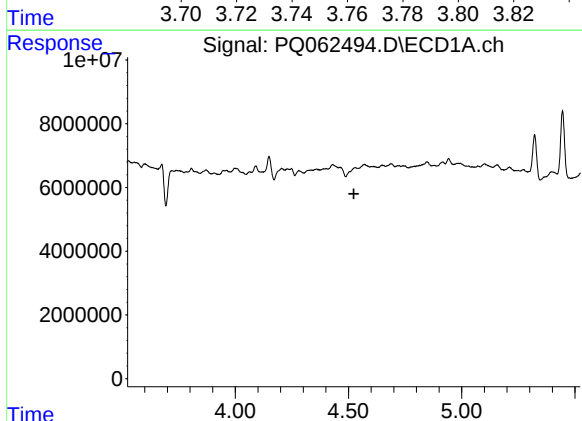
R.T.: 4.529 min
Delta R.T.: 0.024 min
Response: -1106709
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



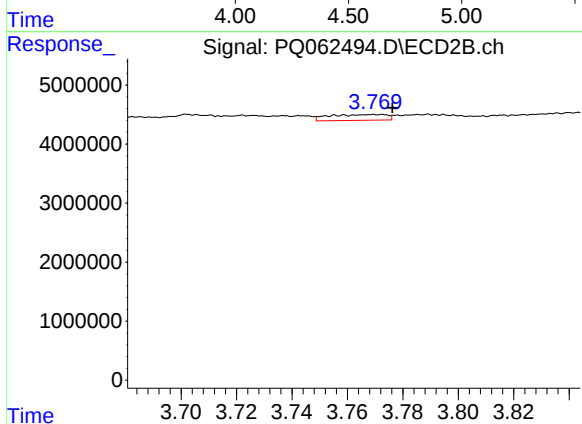
#3 AR-1016-1

R.T.: 3.769 min
Delta R.T.: 0.008 min
Response: 1400186
Conc: 14.15 ng/ml



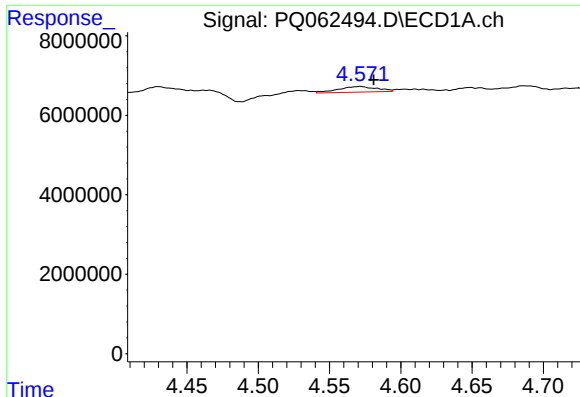
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: -1106709
Conc: N.D.



#4 AR-1016-2

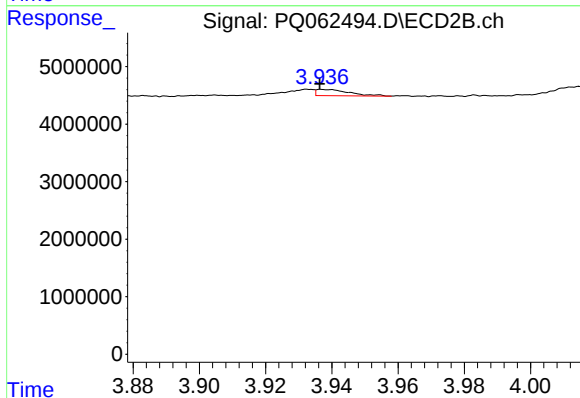
R.T.: 3.769 min
Delta R.T.: -0.007 min
Response: 1400186
Conc: 9.71 ng/ml



#5 AR-1016-3

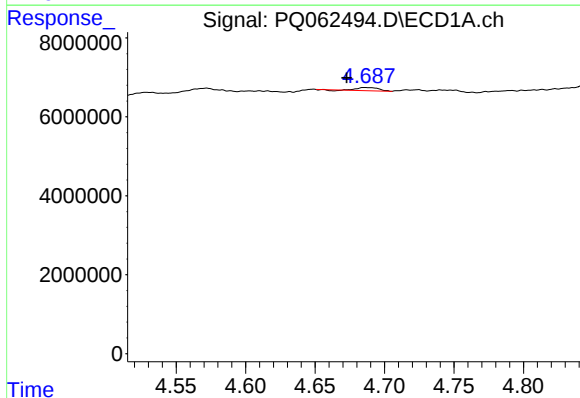
R.T.: 4.572 min
Delta R.T.: -0.009 min
Response: 2703057
Conc: 17.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



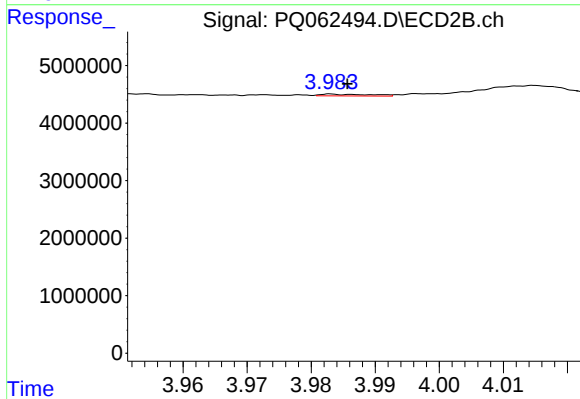
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 761853
Conc: 10.10 ng/ml



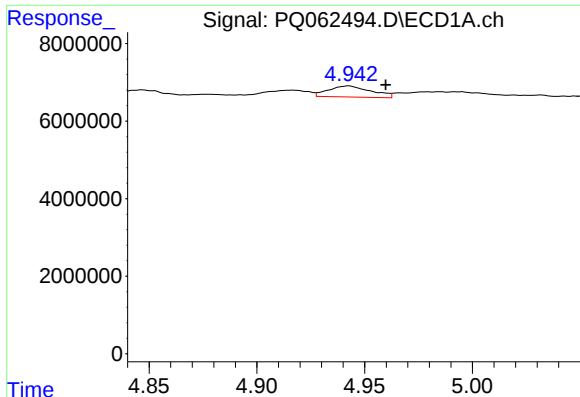
#6 AR-1016-4

R.T.: 4.686 min
Delta R.T.: 0.013 min
Response: 822084
Conc: 6.56 ng/ml



#6 AR-1016-4

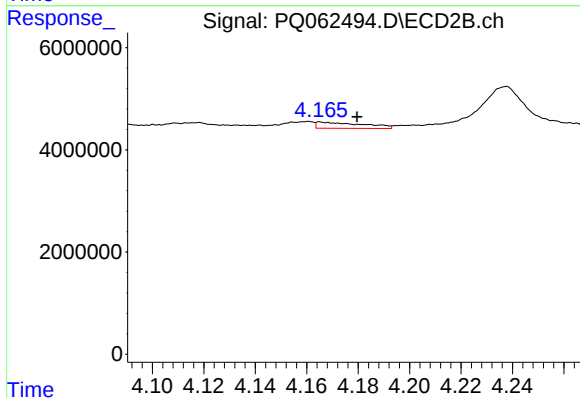
R.T.: 3.983 min
Delta R.T.: -0.002 min
Response: 167472
Conc: 2.55 ng/ml



#7 AR-1016-5

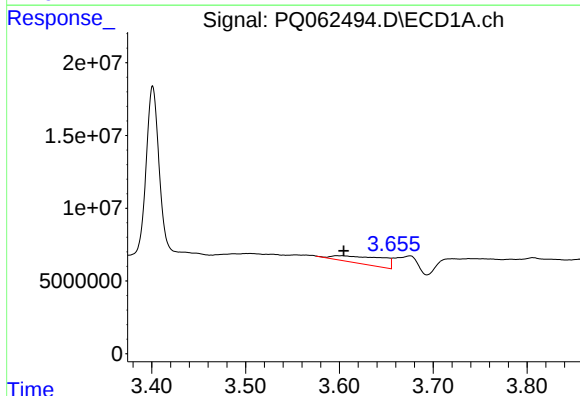
R.T.: 4.942 min
Delta R.T.: -0.017 min
Response: 3942917
Conc: 32.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



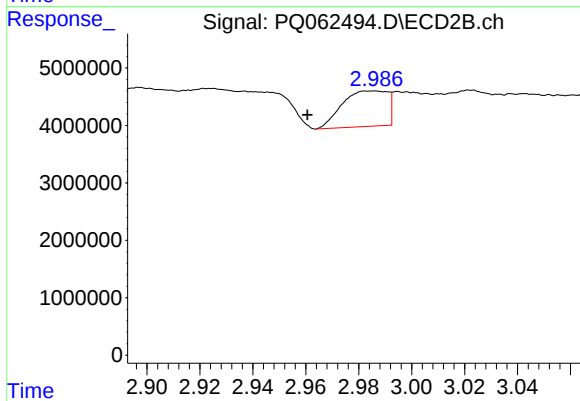
#7 AR-1016-5

R.T.: 4.165 min
Delta R.T.: -0.014 min
Response: 1520000
Conc: 18.54 ng/ml



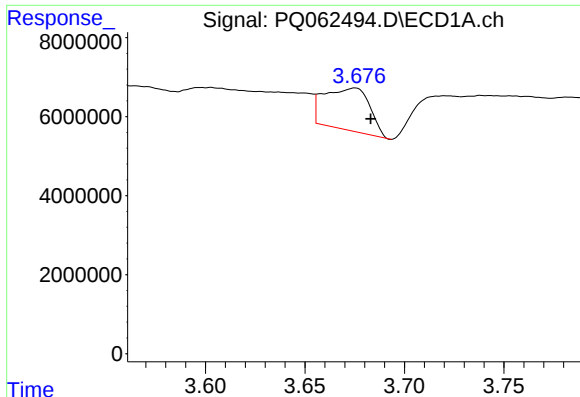
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 18875597
Conc: 314.03 ng/ml



#8 AR-1221-1

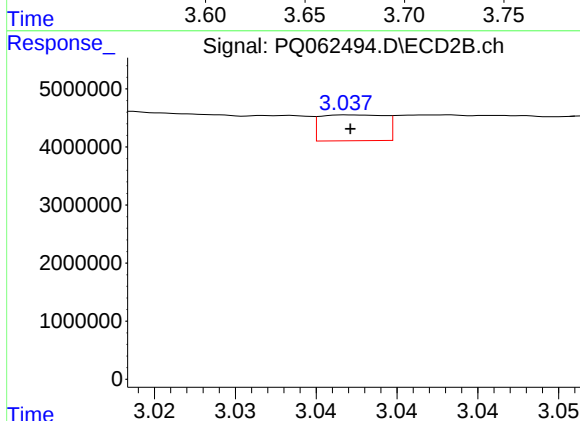
R.T.: 2.986 min
Delta R.T.: 0.025 min
Response: 7312025
Conc: 221.60 ng/ml



#9 AR-1221-2

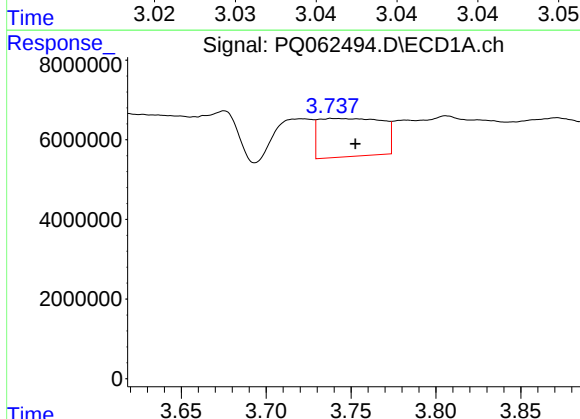
R.T.: 3.675 min
Delta R.T.: -0.008 min
Response: 16911539
Conc: 376.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



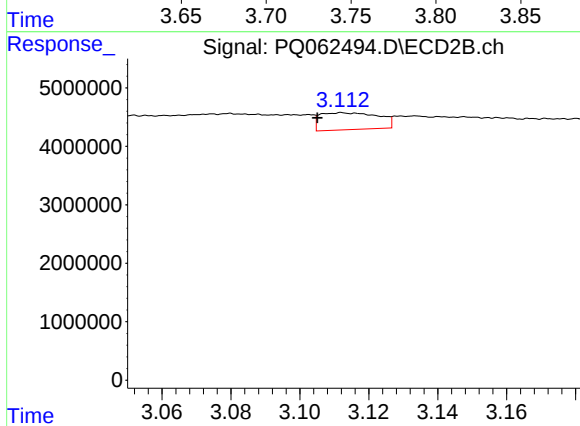
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: 0.000 min
Response: 1234607
Conc: 48.61 ng/ml



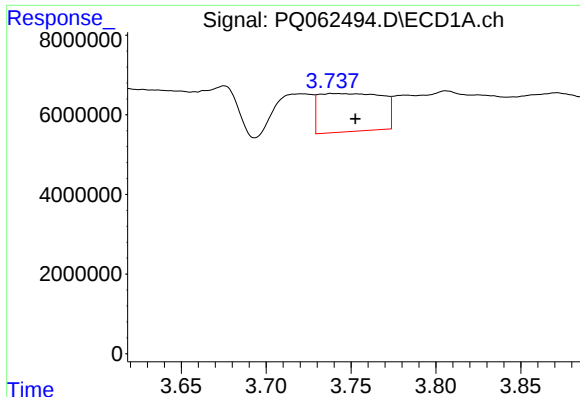
#10 AR-1221-3

R.T.: 3.739 min
Delta R.T.: -0.014 min
Response: 24810382
Conc: 176.56 ng/ml



#10 AR-1221-3

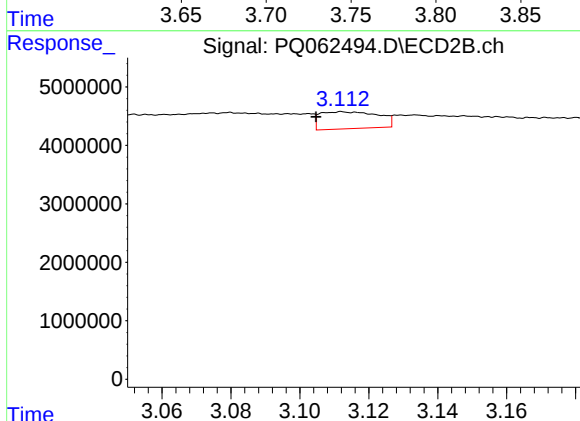
R.T.: 3.112 min
Delta R.T.: 0.007 min
Response: 3409381
Conc: 44.23 ng/ml



#11 AR-1232-1

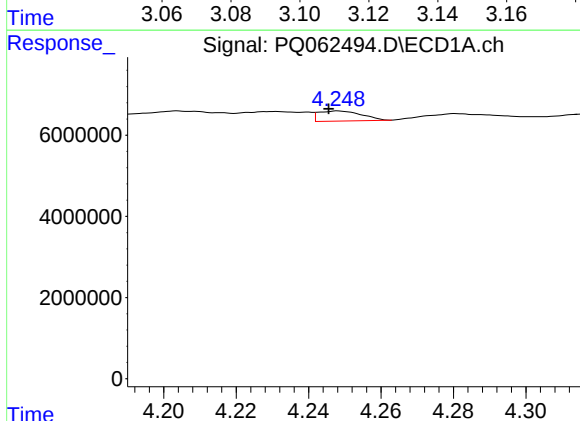
R.T.: 3.739 min
Delta R.T.: -0.014 min
Response: 24810382
Conc: 234.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



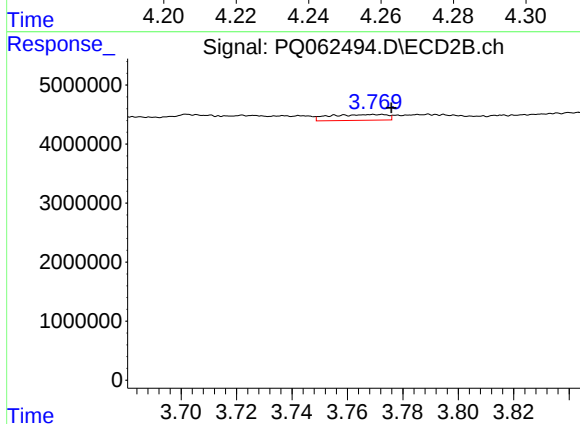
#11 AR-1232-1

R.T.: 3.112 min
Delta R.T.: 0.008 min
Response: 3409381
Conc: 59.50 ng/ml



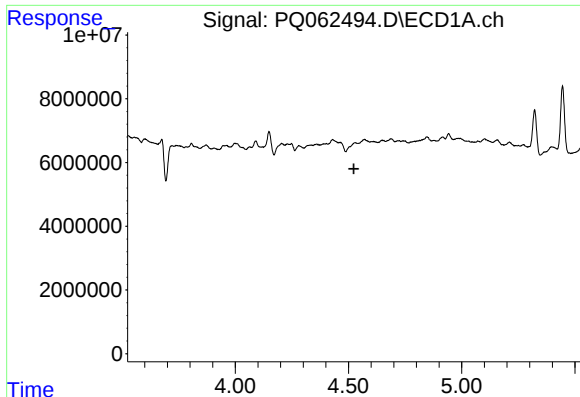
#12 AR-1232-2

R.T.: 4.248 min
Delta R.T.: 0.003 min
Response: 2025115
Conc: 34.24 ng/ml



#12 AR-1232-2

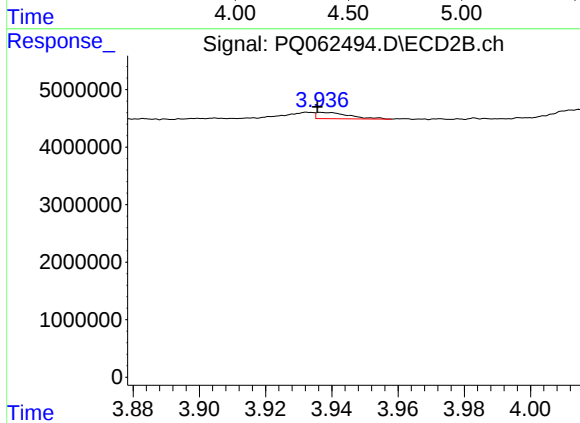
R.T.: 3.769 min
Delta R.T.: -0.007 min
Response: 1400186
Conc: 21.04 ng/ml



#13 AR-1232-3

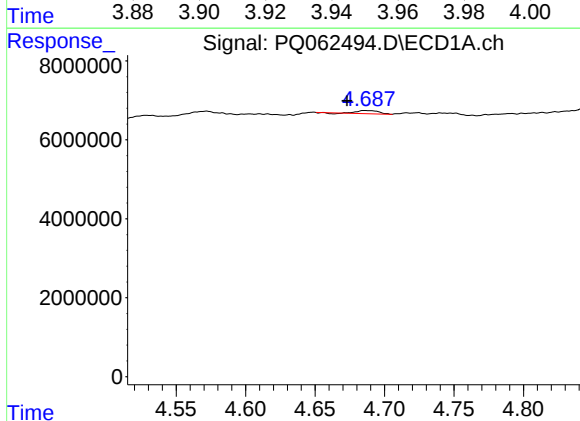
R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: -1106709
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



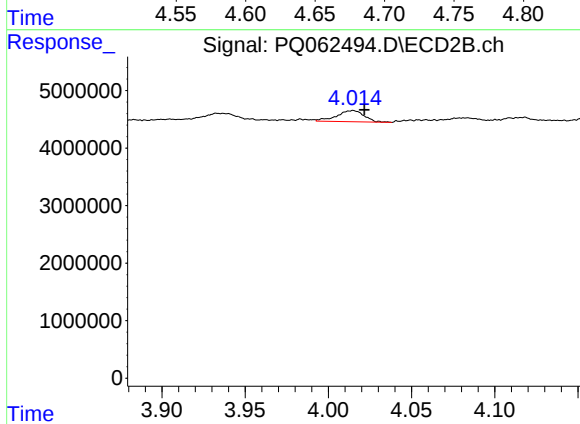
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 761853
Conc: 22.05 ng/ml



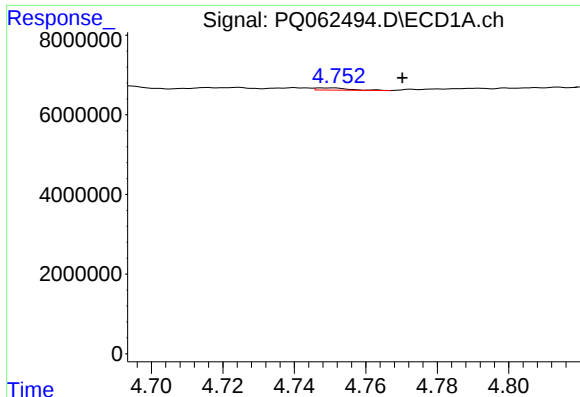
#14 AR-1232-4

R.T.: 4.686 min
Delta R.T.: 0.013 min
Response: 822084
Conc: 14.51 ng/ml



#14 AR-1232-4

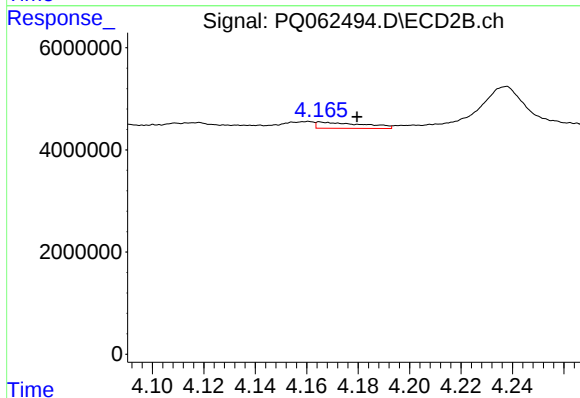
R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 2231816
Conc: 75.04 ng/ml



#15 AR-1232-5

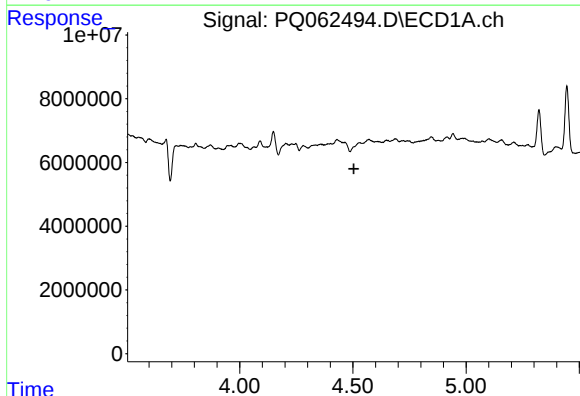
R.T.: 4.750 min
Delta R.T.: -0.020 min
Response: 363850
Conc: 9.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



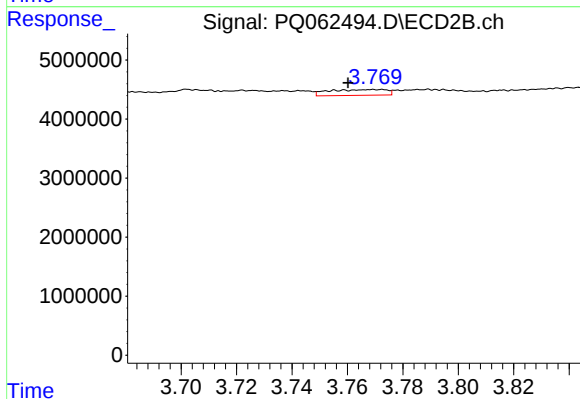
#15 AR-1232-5

R.T.: 4.165 min
Delta R.T.: -0.014 min
Response: 1520000
Conc: 42.62 ng/ml



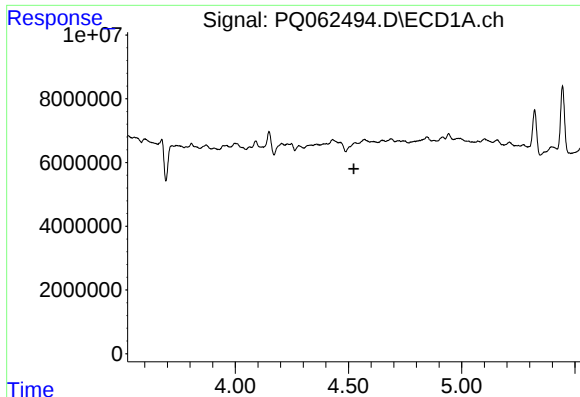
#16 AR-1242-1

R.T.: 4.529 min
Delta R.T.: 0.024 min
Response: -1106709
Conc: N.D.



#16 AR-1242-1

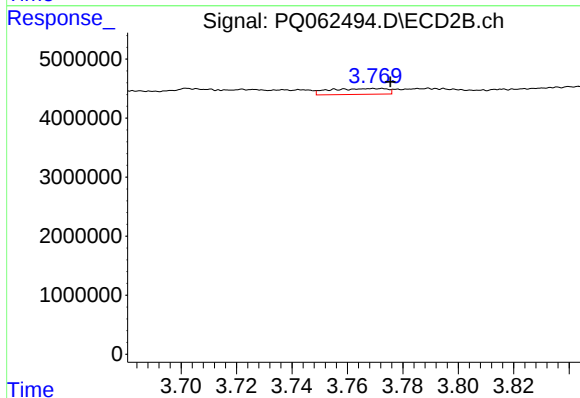
R.T.: 3.769 min
Delta R.T.: 0.009 min
Response: 1400186
Conc: 18.10 ng/ml



#17 AR-1242-2

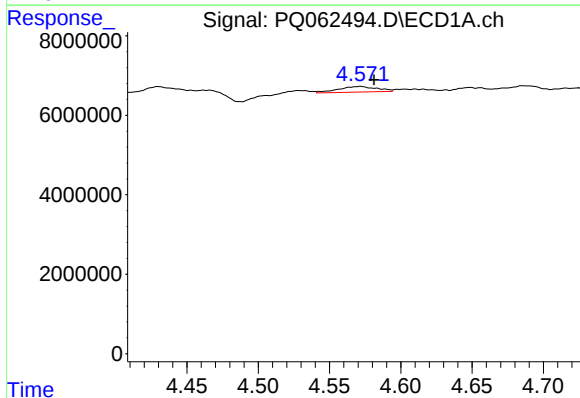
R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: -1106709
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



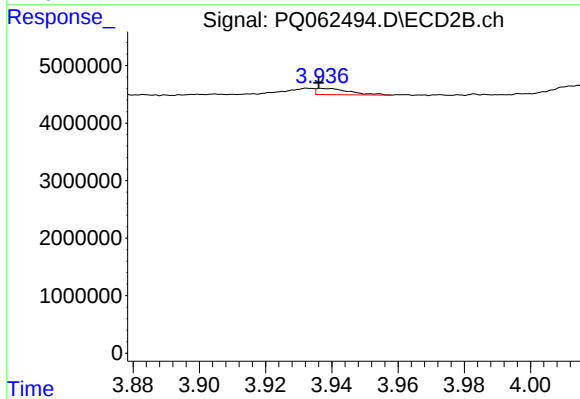
#17 AR-1242-2

R.T.: 3.769 min
Delta R.T.: -0.006 min
Response: 1400186
Conc: 12.60 ng/ml



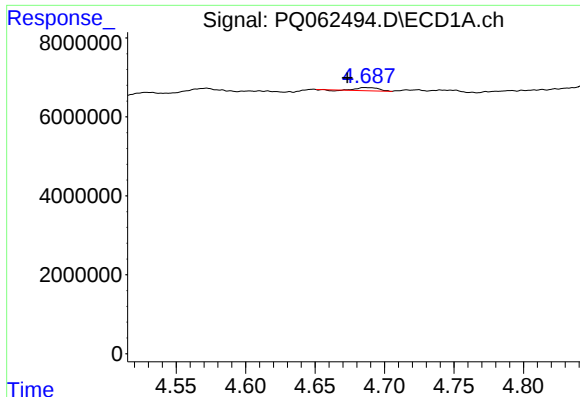
#18 AR-1242-3

R.T.: 4.572 min
Delta R.T.: -0.010 min
Response: 2703057
Conc: 22.37 ng/ml



#18 AR-1242-3

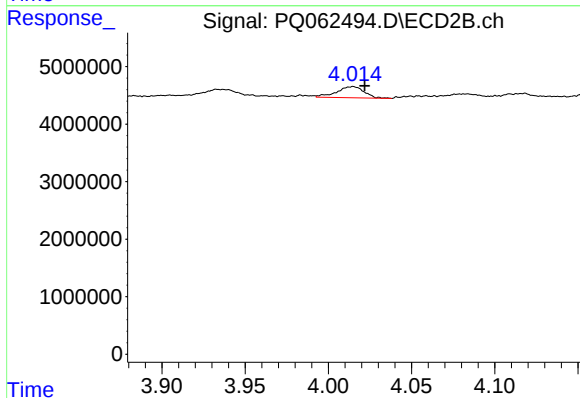
R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 761853
Conc: 13.01 ng/ml



#19 AR-1242-4

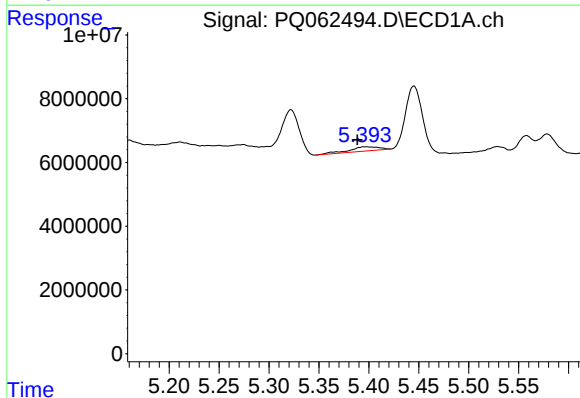
R.T.: 4.686 min
Delta R.T.: 0.013 min
Response: 822084
Conc: 8.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



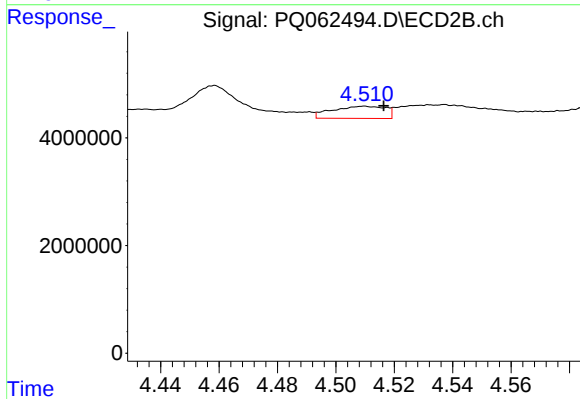
#19 AR-1242-4

R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 2231816
Conc: 38.07 ng/ml



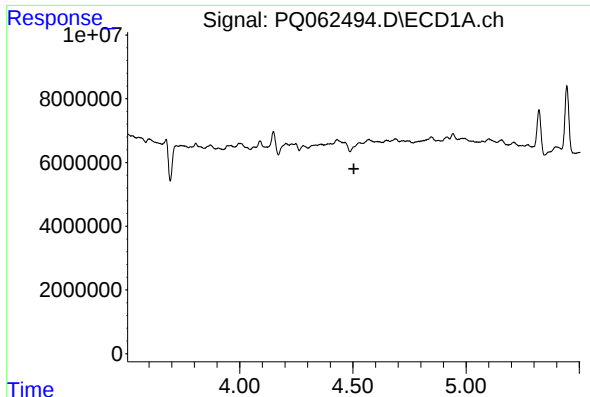
#20 AR-1242-5

R.T.: 5.397 min
Delta R.T.: 0.009 min
Response: 2873340
Conc: 30.02 ng/ml



#20 AR-1242-5

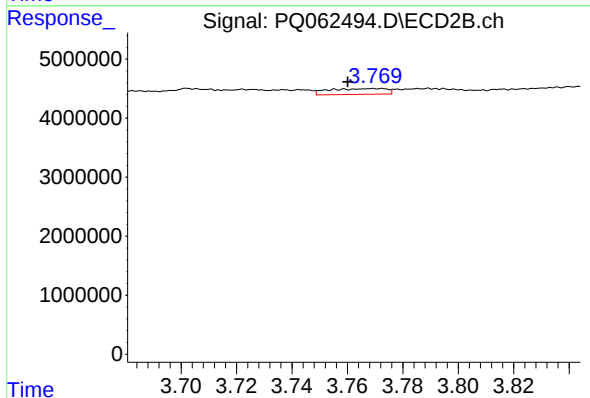
R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 2852637
Conc: 34.41 ng/ml



#21 AR-1248-1

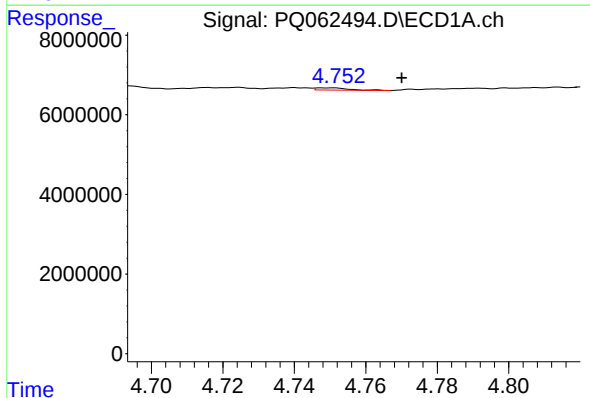
R.T.: 4.529 min
Delta R.T.: 0.024 min
Response: -1106709
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



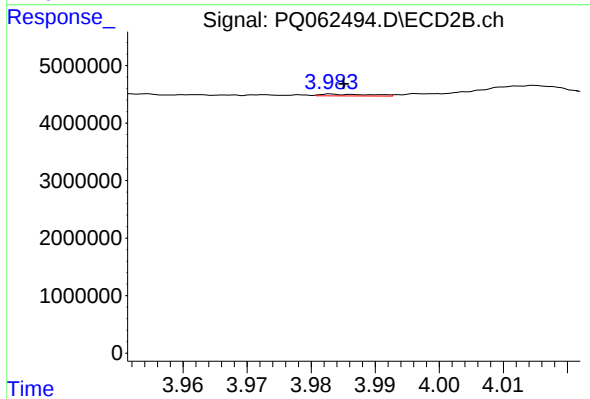
#21 AR-1248-1

R.T.: 3.769 min
Delta R.T.: 0.009 min
Response: 1400186
Conc: 22.40 ng/ml



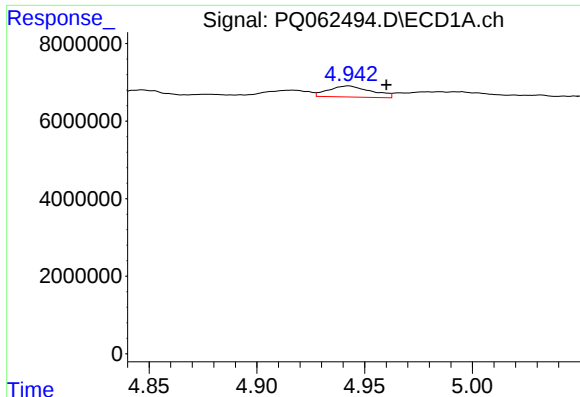
#22 AR-1248-2

R.T.: 4.750 min
Delta R.T.: -0.020 min
Response: 363850
Conc: 2.53 ng/ml



#22 AR-1248-2

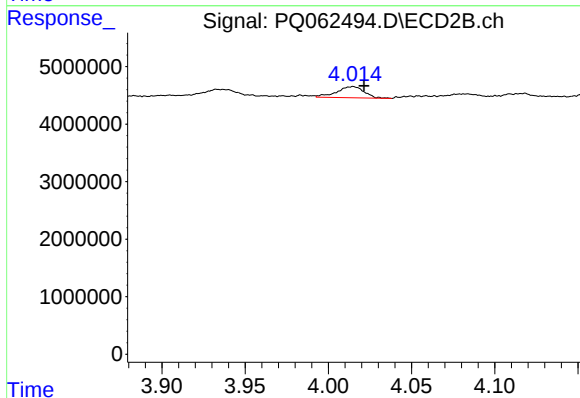
R.T.: 3.983 min
Delta R.T.: -0.002 min
Response: 167472
Conc: 1.79 ng/ml



#23 AR-1248-3

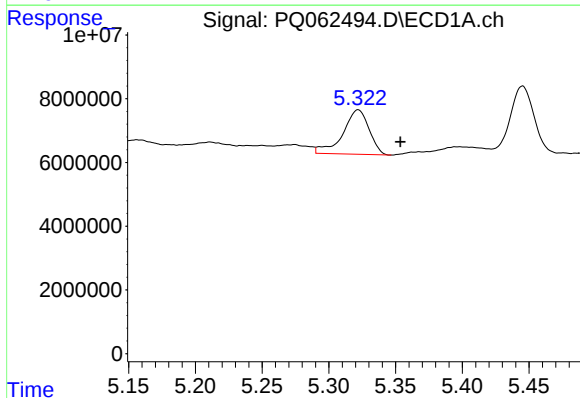
R.T.: 4.942 min
Delta R.T.: -0.018 min
Response: 3942917
Conc: 22.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



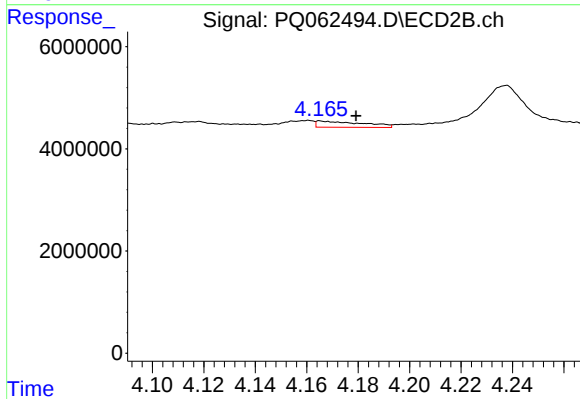
#23 AR-1248-3

R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 2231816
Conc: 24.65 ng/ml



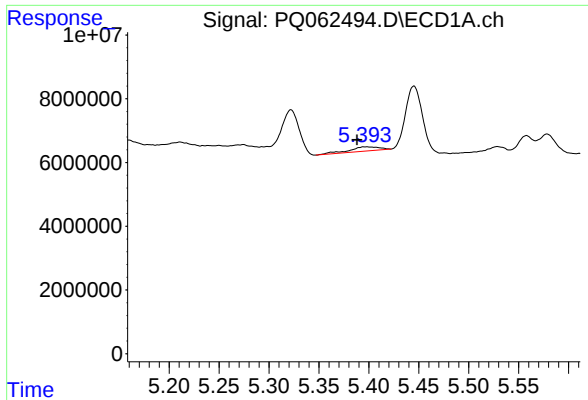
#24 AR-1248-4

R.T.: 5.322 min
Delta R.T.: -0.032 min
Response: 19107982
Conc: 99.56 ng/ml



#24 AR-1248-4

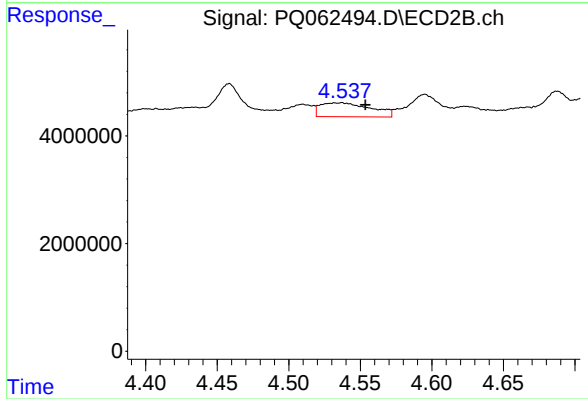
R.T.: 4.165 min
Delta R.T.: -0.014 min
Response: 1520000
Conc: 13.47 ng/ml



#25 AR-1248-5

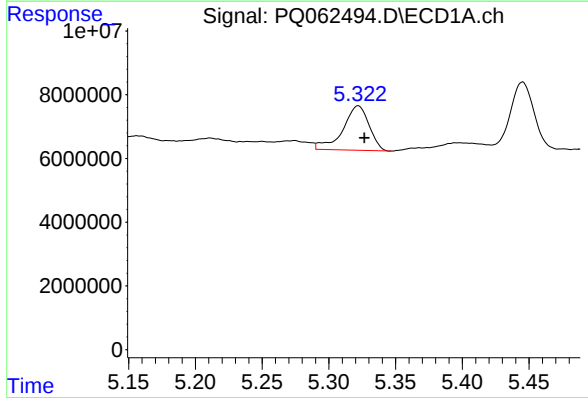
R.T.: 5.397 min
Delta R.T.: 0.009 min
Response: 2873340
Conc: 15.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



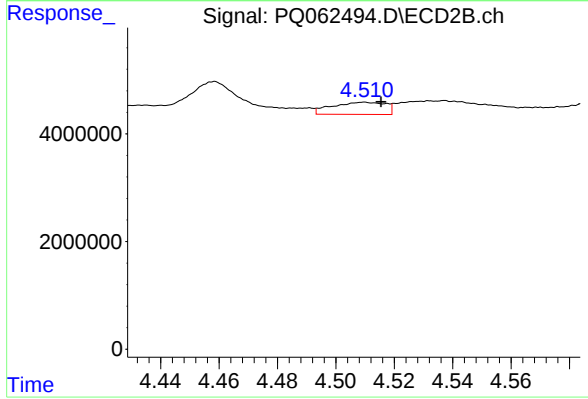
#25 AR-1248-5

R.T.: 4.537 min
Delta R.T.: -0.016 min
Response: 6380146
Conc: 56.95 ng/ml



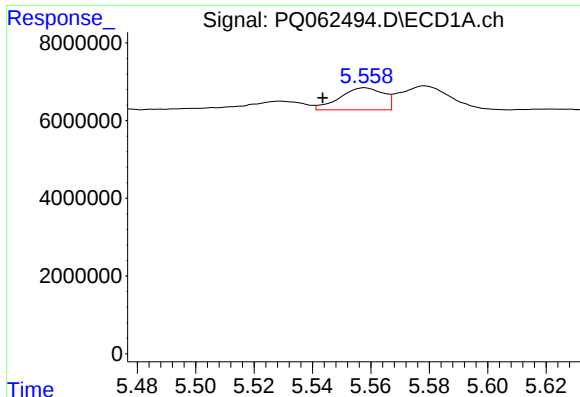
#26 AR-1254-1

R.T.: 5.322 min
Delta R.T.: -0.005 min
Response: 19107982
Conc: 102.83 ng/ml



#26 AR-1254-1

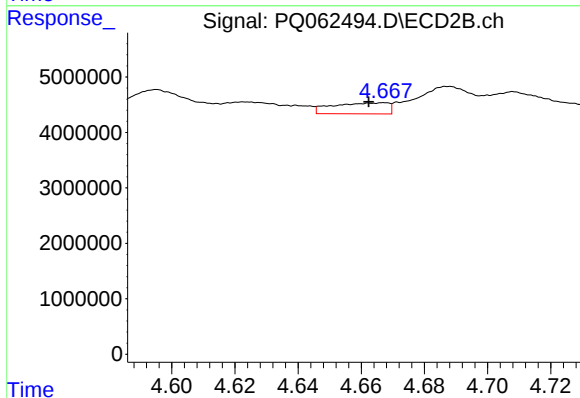
R.T.: 4.510 min
Delta R.T.: -0.006 min
Response: 2852637
Conc: 17.67 ng/ml



#27 AR-1254-2

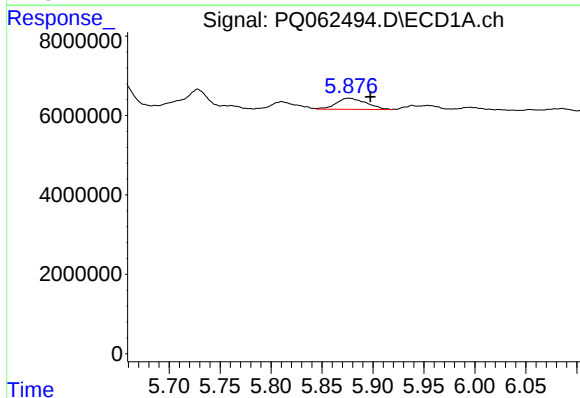
R.T.: 5.558 min
Delta R.T.: 0.014 min
Response: 5910173
Conc: 20.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



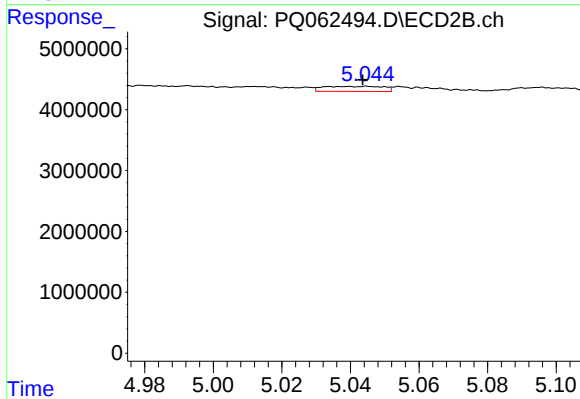
#27 AR-1254-2

R.T.: 4.667 min
Delta R.T.: 0.005 min
Response: 2444385
Conc: 16.60 ng/ml



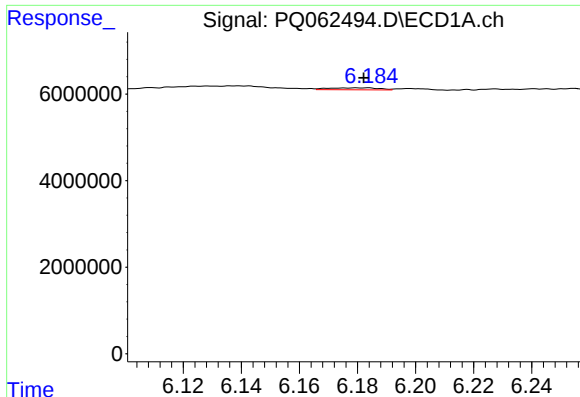
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.021 min
Response: 5730976
Conc: 18.66 ng/ml



#28 AR-1254-3

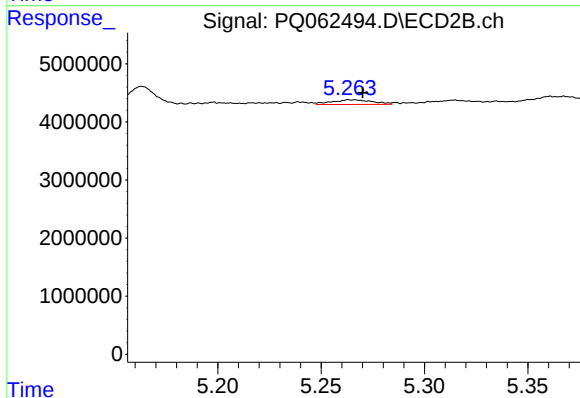
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 1002204
Conc: 4.29 ng/ml



#29 AR-1254-4

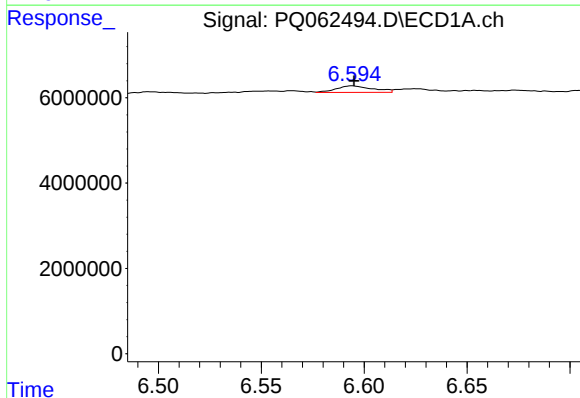
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 557328
Conc: 2.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



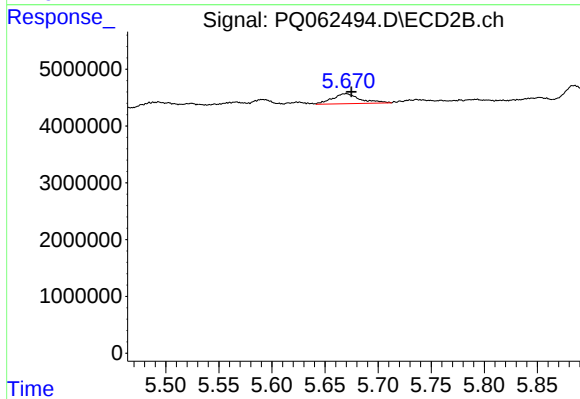
#29 AR-1254-4

R.T.: 5.263 min
Delta R.T.: -0.007 min
Response: 1090754
Conc: 7.16 ng/ml



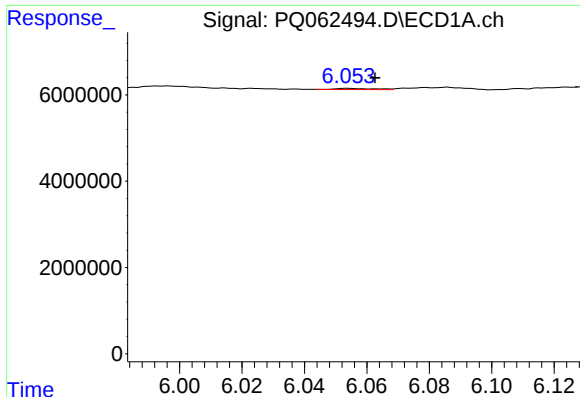
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 1885525
Conc: 7.34 ng/ml



#30 AR-1254-5

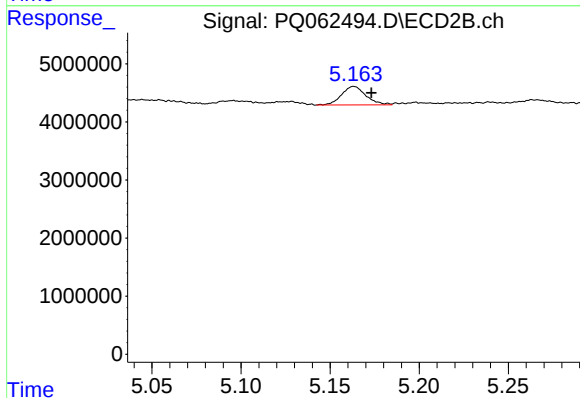
R.T.: 5.670 min
Delta R.T.: -0.005 min
Response: 3217829
Conc: 13.94 ng/ml



#31 AR-1260-1

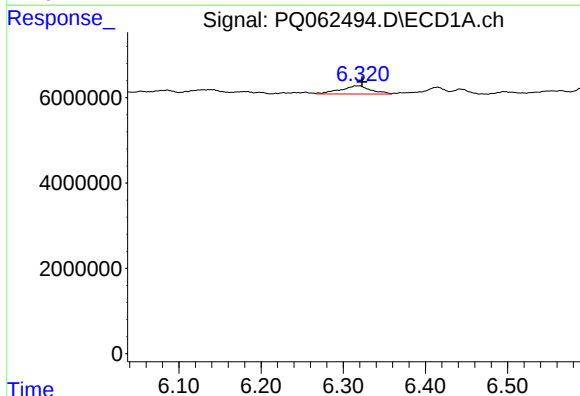
R.T.: 6.054 min
Delta R.T.: -0.009 min
Response: 218765
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



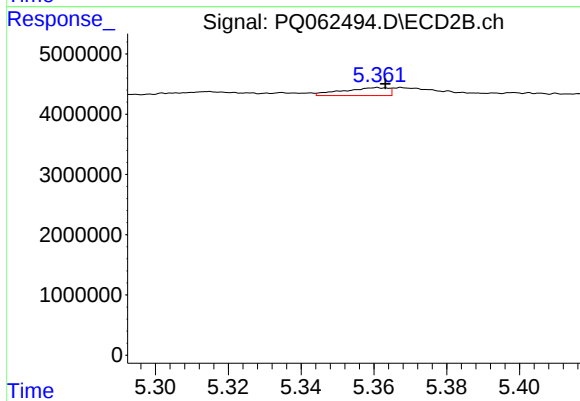
#31 AR-1260-1

R.T.: 5.163 min
Delta R.T.: -0.010 min
Response: 3040428
Conc: 18.25 ng/ml



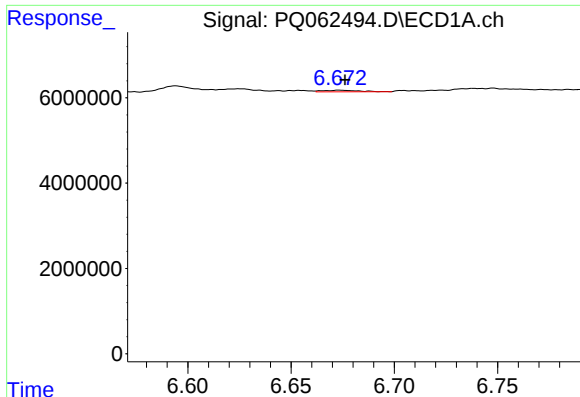
#32 AR-1260-2

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 4982336
Conc: 17.25 ng/ml



#32 AR-1260-2

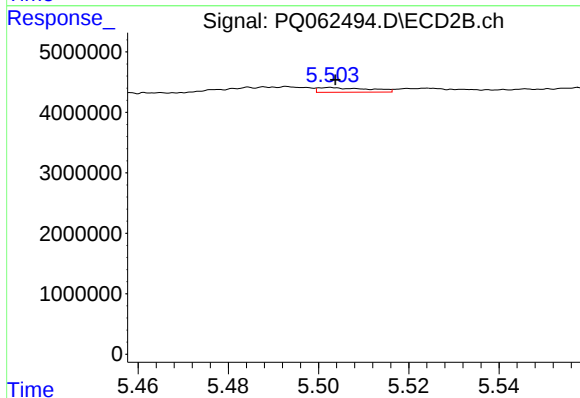
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 1145474
Conc: 5.51 ng/ml



#33 AR-1260-3

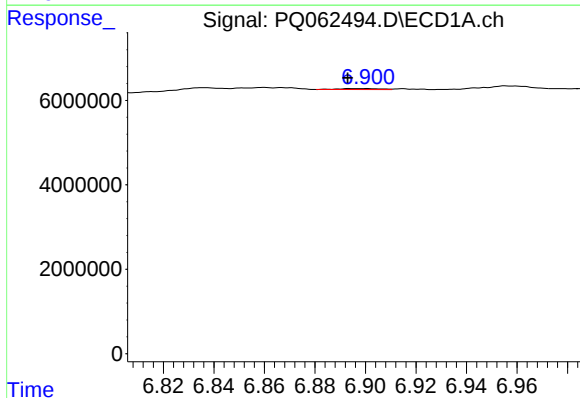
R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 433851
Conc: 2.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



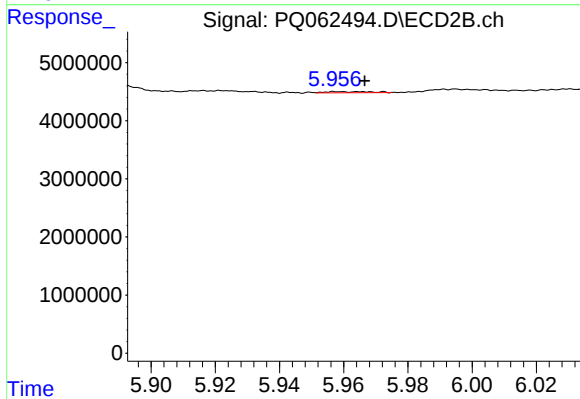
#33 AR-1260-3

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 601273
Conc: 3.09 ng/ml



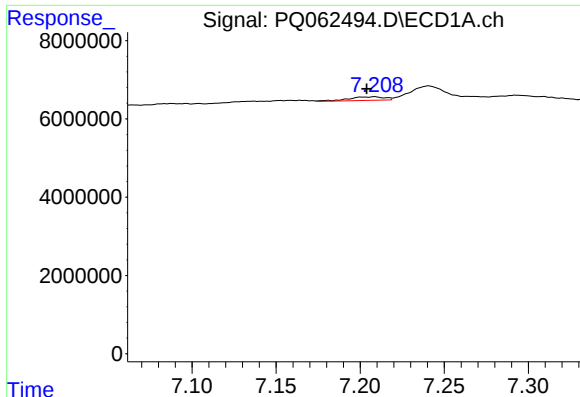
#34 AR-1260-4

R.T.: 6.900 min
Delta R.T.: 0.007 min
Response: 269249
Conc: 1.28 ng/ml



#34 AR-1260-4

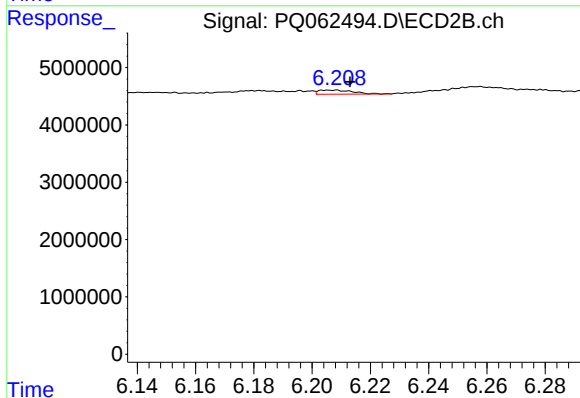
R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 205608
Conc: 1.41 ng/ml



#35 AR-1260-5

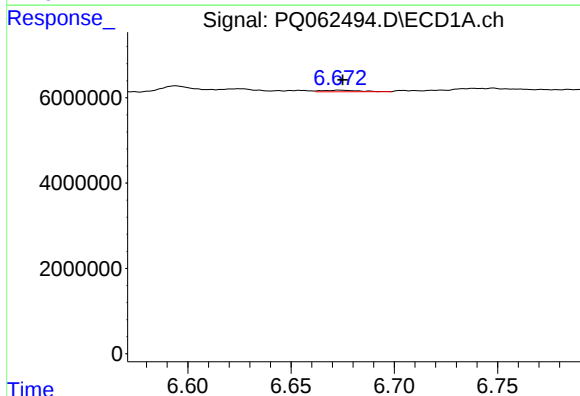
R.T.: 7.209 min
Delta R.T.: 0.005 min
Response: 1365460
Conc: 3.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



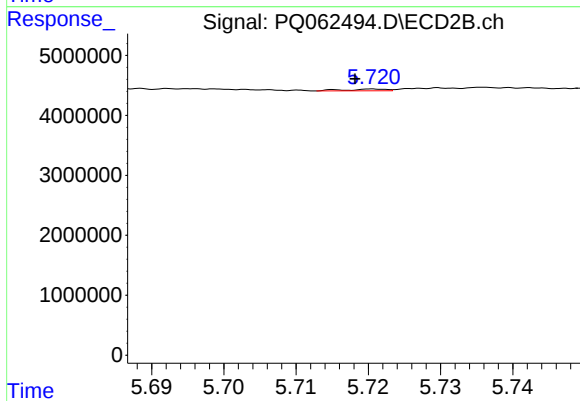
#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 574776
Conc: 1.73 ng/ml



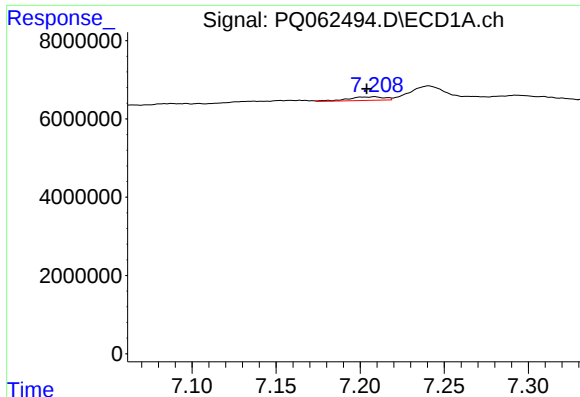
#36 AR-1262-1

R.T.: 6.674 min
Delta R.T.: -0.001 min
Response: 433851
Conc: 1.42 ng/ml



#36 AR-1262-1

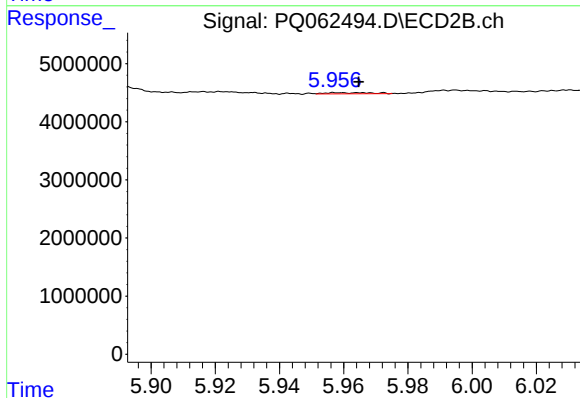
R.T.: 5.721 min
Delta R.T.: 0.003 min
Response: 107325
Conc: 0.46 ng/ml



#37 AR-1262-2

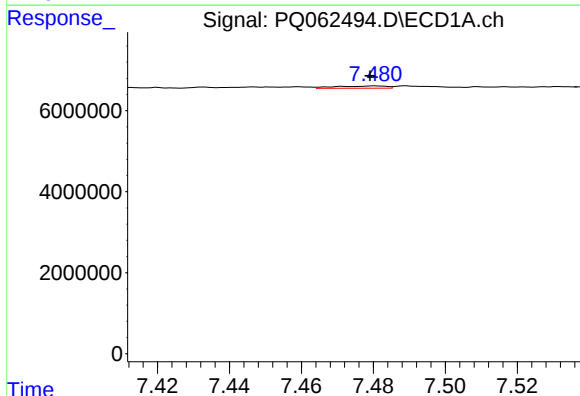
R.T.: 7.209 min
Delta R.T.: 0.005 min
Response: 1365460
Conc: 2.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



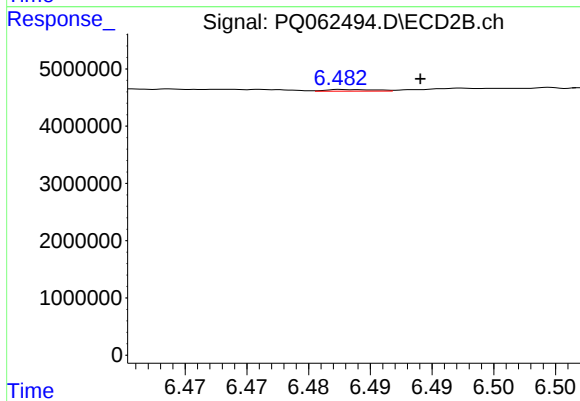
#37 AR-1262-2

R.T.: 5.957 min
Delta R.T.: -0.008 min
Response: 205608
Conc: 0.95 ng/ml



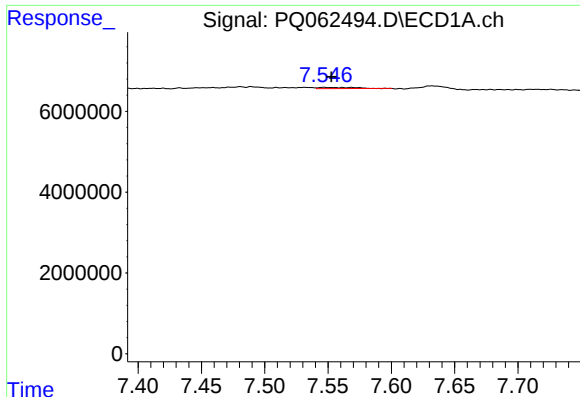
#38 AR-1262-3

R.T.: 7.481 min
Delta R.T.: 0.002 min
Response: 558268
Conc: 1.58 ng/ml



#38 AR-1262-3

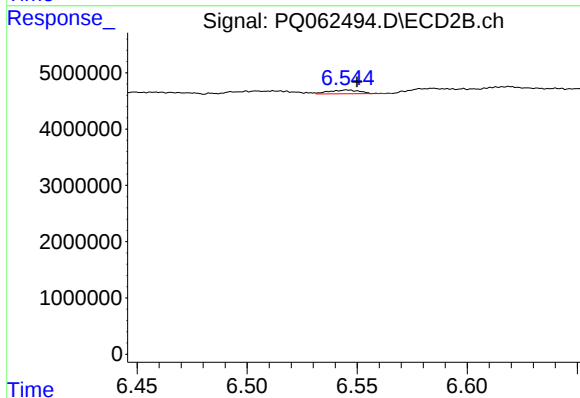
R.T.: 6.483 min
Delta R.T.: -0.006 min
Response: 80434
Conc: 0.46 ng/ml



#39 AR-1262-4

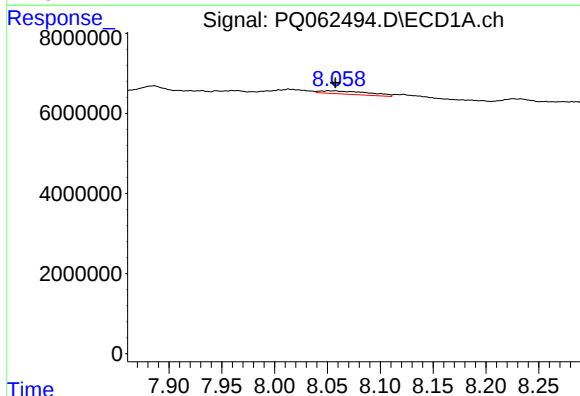
R.T.: 7.547 min
Delta R.T.: -0.006 min
Response: 582142
Conc: 2.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



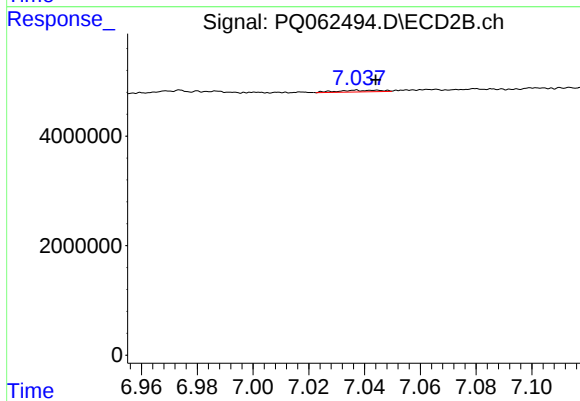
#39 AR-1262-4

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 649379
Conc: 2.01 ng/ml



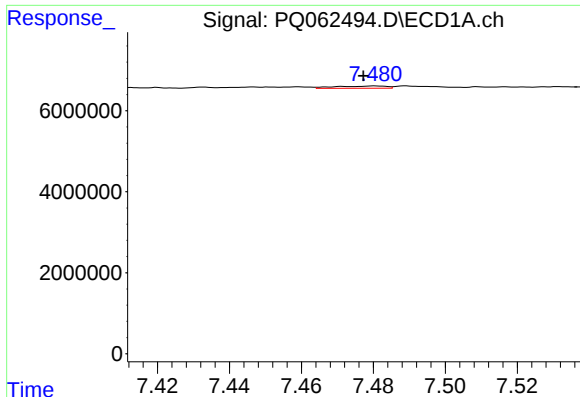
#40 AR-1262-5

R.T.: 8.051 min
Delta R.T.: -0.006 min
Response: 2558321
Conc: 14.41 ng/ml



#40 AR-1262-5

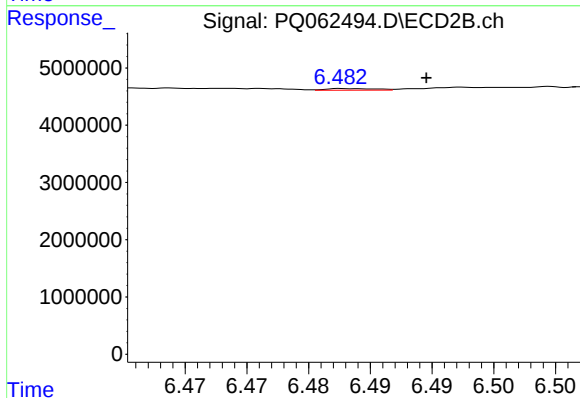
R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 330711
Conc: 2.13 ng/ml



#41 AR-1268-1

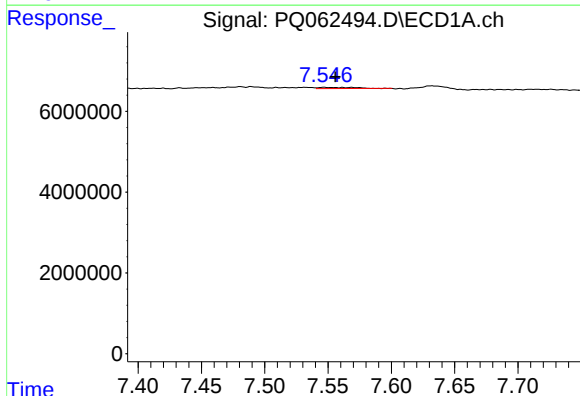
R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 558268
Conc: 0.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



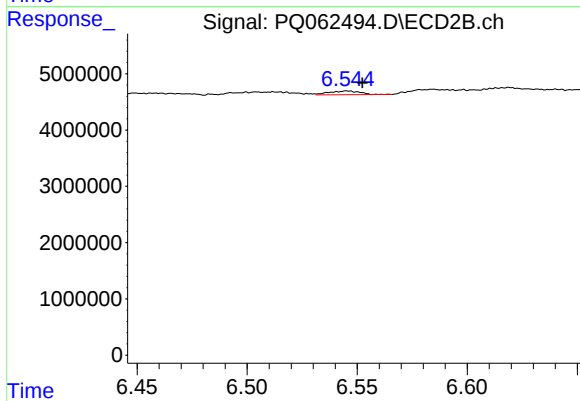
#41 AR-1268-1

R.T.: 6.483 min
Delta R.T.: -0.006 min
Response: 80434
Conc: 0.17 ng/ml



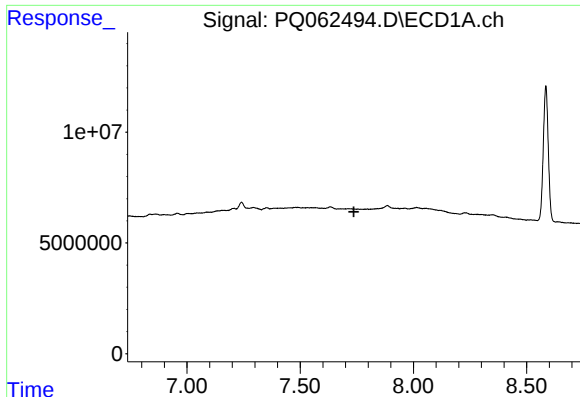
#42 AR-1268-2

R.T.: 7.547 min
Delta R.T.: -0.009 min
Response: 582142
Conc: 1.14 ng/ml



#42 AR-1268-2

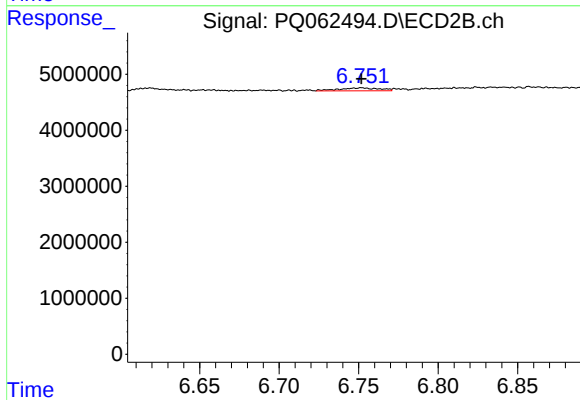
R.T.: 6.545 min
Delta R.T.: -0.007 min
Response: 649379
Conc: 1.53 ng/ml



#43 AR-1268-3

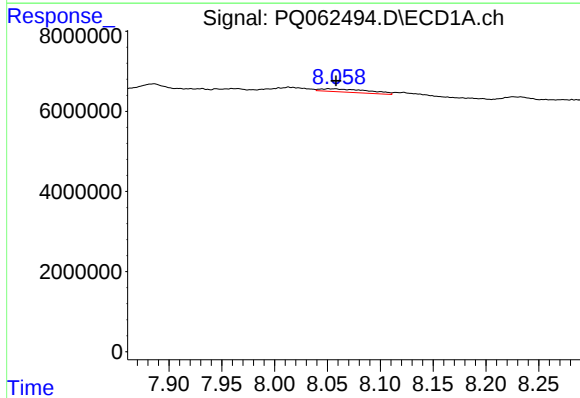
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



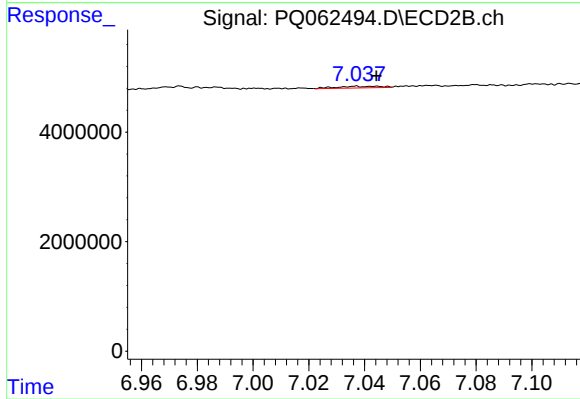
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 929399
Conc: 2.52 ng/ml



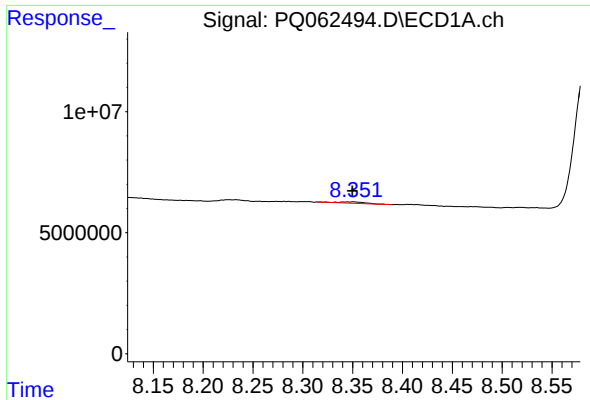
#44 AR-1268-4

R.T.: 8.051 min
Delta R.T.: -0.007 min
Response: 2558321
Conc: 13.98 ng/ml



#44 AR-1268-4

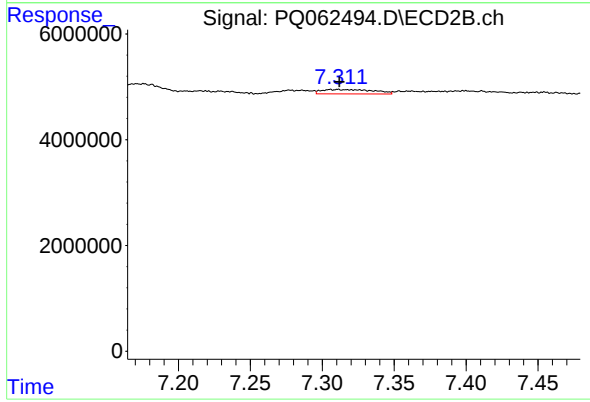
R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 330711
Conc: 2.07 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.001 min
Response: 905441
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.306 min
Delta R.T.: -0.006 min
Response: 2076189
Conc: 1.78 ng/ml