

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072523\
 Data File : PQ062655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 17:01
 Operator : YP\AJ
 Sample : 03731-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 19:17:34 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...	3.402	2.755	65051417	42448680	13.335	16.918 #
2)	SA Decachlor...	8.581	7.521	34800002	32731334	9.580	9.823
Target Compounds							
3)	L1 AR-1016-1	4.507	3.753	-418751	4823124	N.D.	48.731 #
4)	L1 AR-1016-2	4.521	3.771	3690243	4402732	14.924	30.532 #
5)	L1 AR-1016-3	4.576	3.933	3310914	937711	21.724	12.429 #
6)	L1 AR-1016-4	4.690	3.960f	6726993	700858	53.668	10.671 #
7)	L1 AR-1016-5	4.959	4.180	4318990	8005750	35.484	97.653 #
8)	L2 AR-1221-1	3.586	2.951	1532705	1262493	25.499	38.261 #
9)	L2 AR-1221-2	3.679	3.042	1131799	2688560	25.189	105.849 #
10)	L2 AR-1221-3	3.742	3.101	3018892	494772	21.484	6.418 #
11)	L3 AR-1232-1	3.742	3.101	3018892	494772	28.588	8.635 #
12)	L3 AR-1232-2	4.224	3.771	21207207	4402732	358.526	66.152 #
13)	L3 AR-1232-3	4.521	3.933	3690243	937711	32.634	27.137
14)	L3 AR-1232-4	4.690	4.014	6726993	5957180	118.712	200.310 #
15)	L3 AR-1232-5	4.784	4.180	6670354	8005750	166.551	224.497 #
16)	L4 AR-1242-1	4.507	3.753	-418751	4823124	N.D.	62.363 #
17)	L4 AR-1242-2	4.521	3.771	3690243	4402732	19.008	39.608 #
18)	L4 AR-1242-3	4.576	3.933	3310914	937711	27.398	16.008 #
19)	L4 AR-1242-4	4.690	4.014	6726993	5957180	69.005	101.610 #
20)	L4 AR-1242-5	5.390	4.509	8741489	36877354	91.314	444.881 #
21)	L5 AR-1248-1	4.507	3.753	-418751	4823124	N.D.	77.145 #
22)	L5 AR-1248-2	4.784	3.960	6670354	700858	46.431	7.474 #
23)	L5 AR-1248-3	4.959	4.014	4318990	5957180	24.863	65.793 #
24)	L5 AR-1248-4	5.355	4.180	1510698	8005750	7.871	70.948 #
25)	L5 AR-1248-5	5.390	4.579	8741489	11987971	48.263	107.004 #
26)	L6 AR-1254-1	5.325	4.509	23685910	36877354	127.466	228.395 #
27)	L6 AR-1254-2	5.535	4.657	28488296	27089097	97.995	183.998 #
28)	L6 AR-1254-3	5.895	5.038	76460814	71891504	248.944	307.622
29)	L6 AR-1254-4	6.178	5.265	19851247	17672519	85.495	115.951 #
30)	L6 AR-1254-5	6.593	5.670	84225232	115.4E6	327.890	499.984 #
31)	L7 AR-1260-1	6.060	5.168	43503071	56460166	184.388	338.992 #
32)	L7 AR-1260-2	6.318	5.358	72501357	60624372	251.033	291.539
33)	L7 AR-1260-3	6.673	5.494	14500958	40264867	82.123	206.955 #
34)	L7 AR-1260-4	6.890	5.959	11420122	10580649	54.214	72.539 #
35)	L7 AR-1260-5	7.202	6.206	37696212	26895947	91.806	80.997
36)	L8 AR-1262-1	6.673	5.712	14500958	17461840	47.553	75.114 #
37)	L8 AR-1262-2	7.202	5.959	37696212	10580649	71.569	48.938 #
38)	L8 AR-1262-3	7.479	6.486	31189123	15200685	88.529	87.196
39)	L8 AR-1262-4	7.553	6.542	9887620	23448929	37.071	72.756 #
40)	L8 AR-1262-5	8.057	7.039	18082234	6738341	101.867	43.441 #
41)	L9 AR-1268-1	7.479	6.486	31189123	15200685	54.961	32.305 #

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 Sample : 03731-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

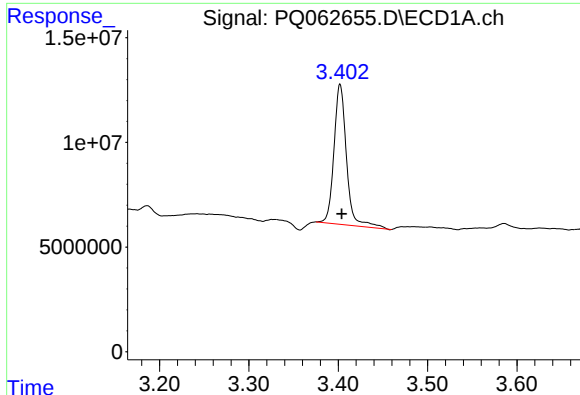
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 19:17:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
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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	7.553	6.542	9887620	23448929	19.392	55.343 #
43) L9	AR-1268-3	7.733	6.742	1624221	12967361	3.806	35.207 #
44) L9	AR-1268-4	8.057	7.039	18082234	6738341	98.818	42.131 #
45) L9	AR-1268-5	8.348	7.306	8514879	10162986	6.754	8.709 #

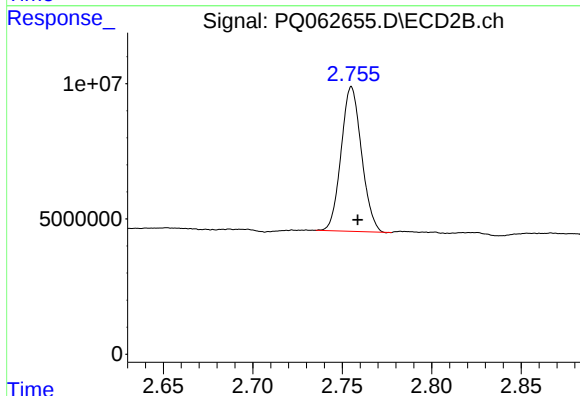
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

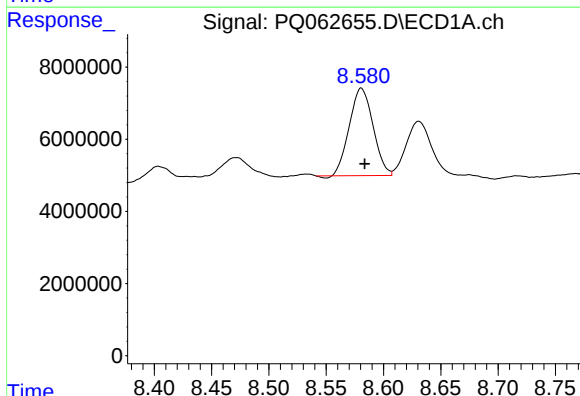
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 65051417
Conc: 13.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



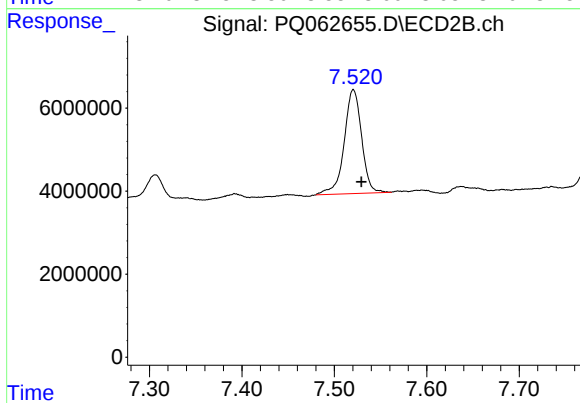
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.003 min
Response: 42448680
Conc: 16.92 ng/ml



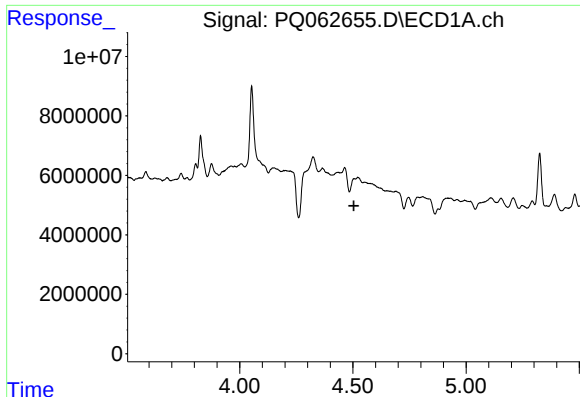
#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.003 min
Response: 34800002
Conc: 9.58 ng/ml



#2 Decachlorobiphenyl

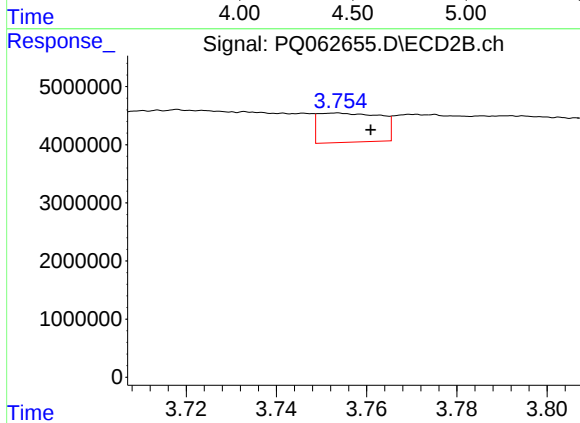
R.T.: 7.521 min
Delta R.T.: -0.009 min
Response: 32731334
Conc: 9.82 ng/ml



#3 AR-1016-1

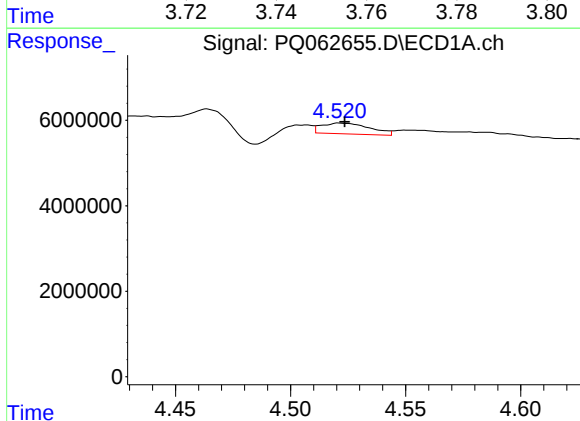
R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: -418751
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



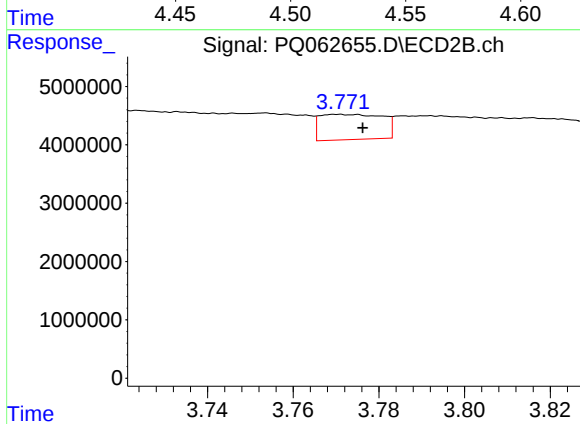
#3 AR-1016-1

R.T.: 3.753 min
Delta R.T.: -0.007 min
Response: 4823124
Conc: 48.73 ng/ml



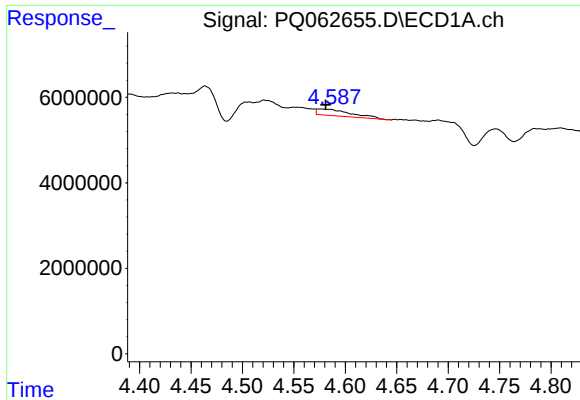
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 3690243
Conc: 14.92 ng/ml



#4 AR-1016-2

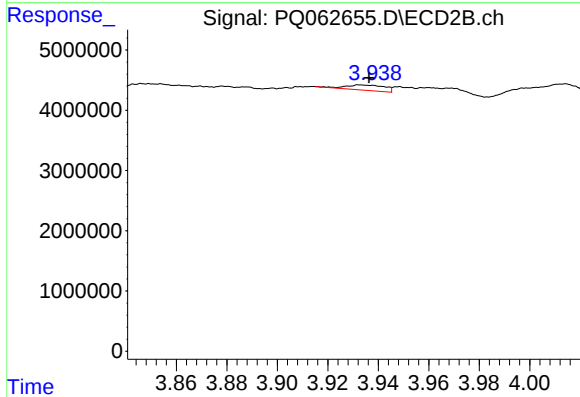
R.T.: 3.771 min
Delta R.T.: -0.006 min
Response: 4402732
Conc: 30.53 ng/ml



#5 AR-1016-3

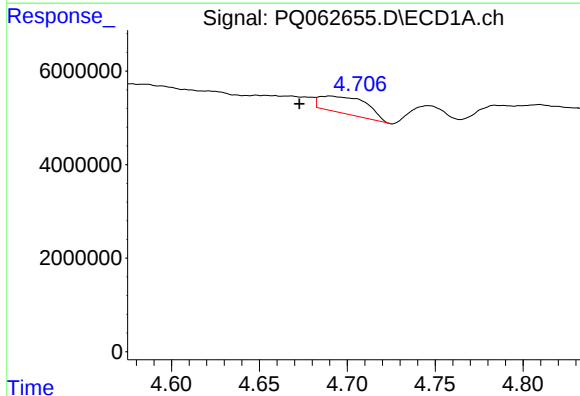
R.T.: 4.576 min
Delta R.T.: -0.005 min
Response: 3310914
Conc: 21.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



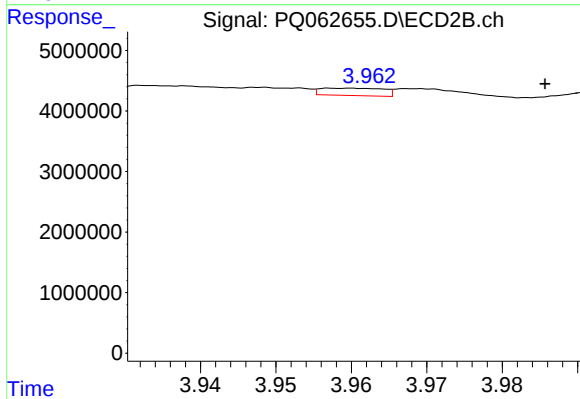
#5 AR-1016-3

R.T.: 3.933 min
Delta R.T.: -0.004 min
Response: 937711
Conc: 12.43 ng/ml



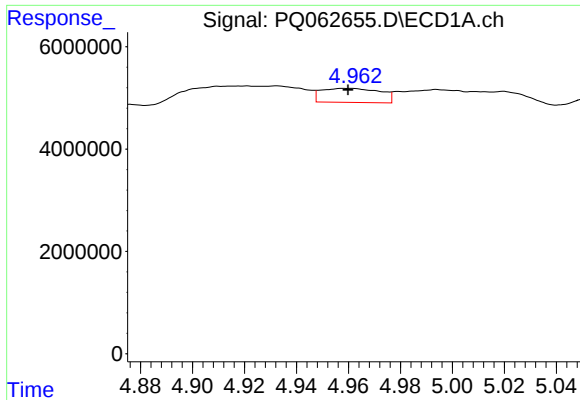
#6 AR-1016-4

R.T.: 4.690 min
Delta R.T.: 0.018 min
Response: 6726993
Conc: 53.67 ng/ml



#6 AR-1016-4

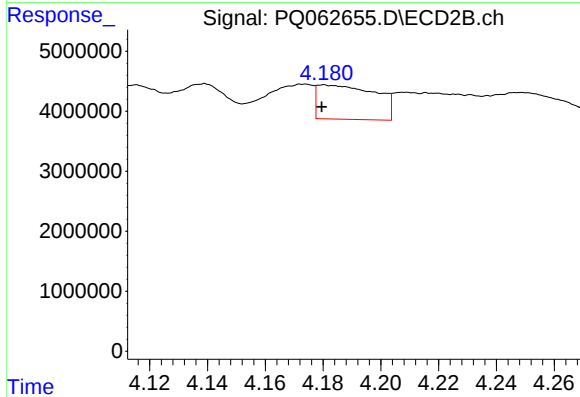
R.T.: 3.960 min
Delta R.T.: -0.026 min
Response: 700858
Conc: 10.67 ng/ml



#7 AR-1016-5

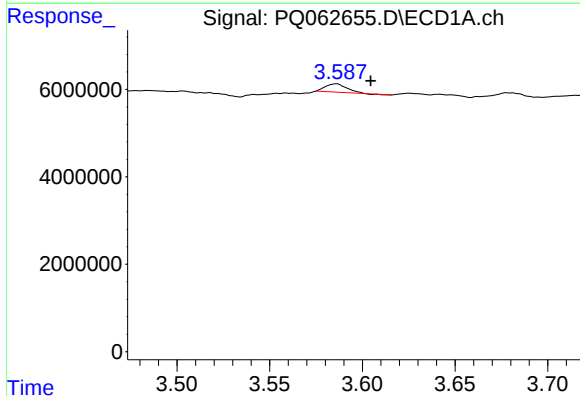
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 4318990
Conc: 35.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



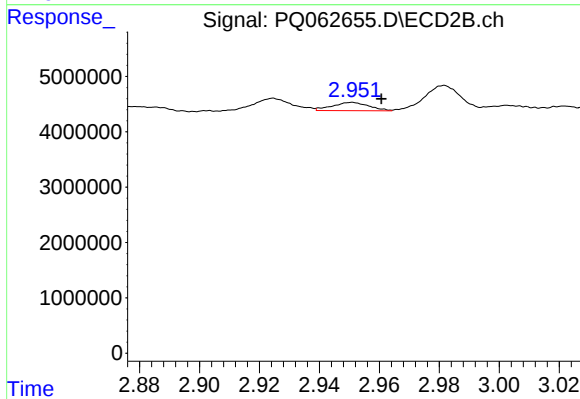
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 8005750
Conc: 97.65 ng/ml



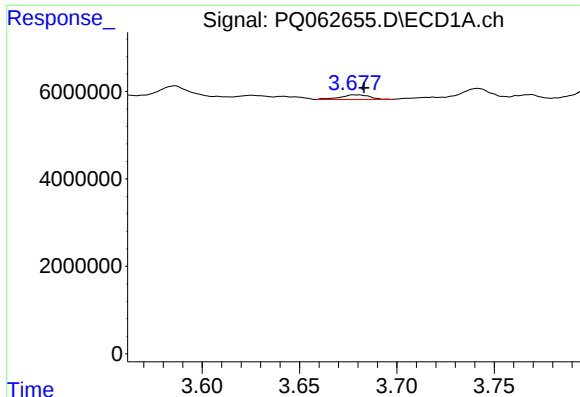
#8 AR-1221-1

R.T.: 3.586 min
Delta R.T.: -0.019 min
Response: 1532705
Conc: 25.50 ng/ml



#8 AR-1221-1

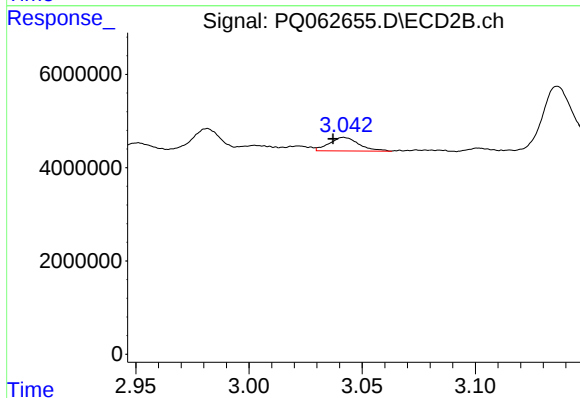
R.T.: 2.951 min
Delta R.T.: -0.010 min
Response: 1262493
Conc: 38.26 ng/ml



#9 AR-1221-2

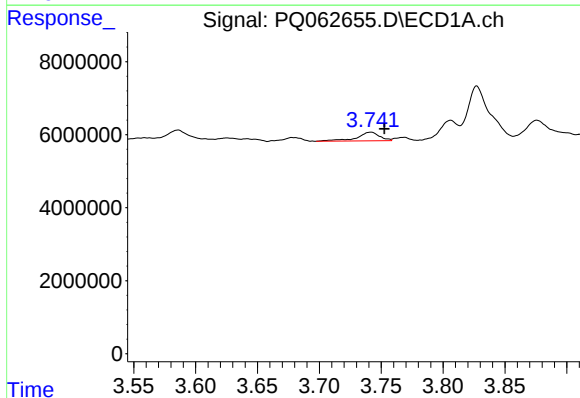
R.T.: 3.679 min
Delta R.T.: -0.004 min
Response: 1131799
Conc: 25.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



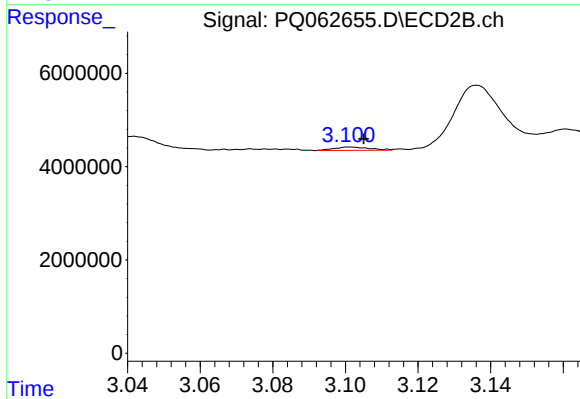
#9 AR-1221-2

R.T.: 3.042 min
Delta R.T.: 0.005 min
Response: 2688560
Conc: 105.85 ng/ml



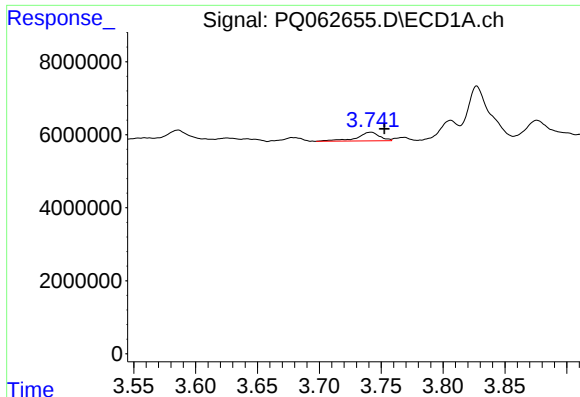
#10 AR-1221-3

R.T.: 3.742 min
Delta R.T.: -0.011 min
Response: 3018892
Conc: 21.48 ng/ml



#10 AR-1221-3

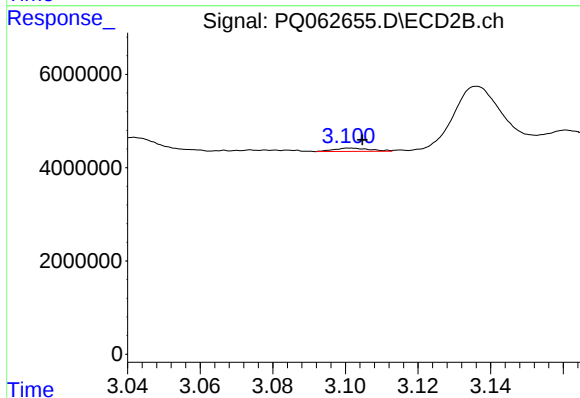
R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 494772
Conc: 6.42 ng/ml



#11 AR-1232-1

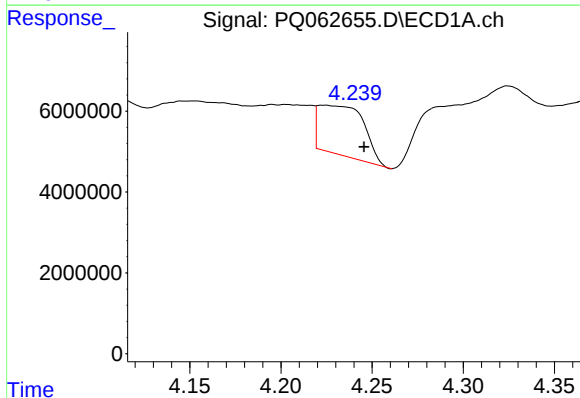
R.T.: 3.742 min
Delta R.T.: -0.011 min
Response: 3018892
Conc: 28.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



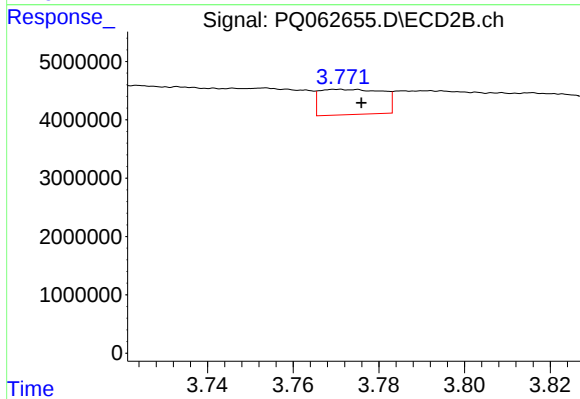
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.003 min
Response: 494772
Conc: 8.63 ng/ml



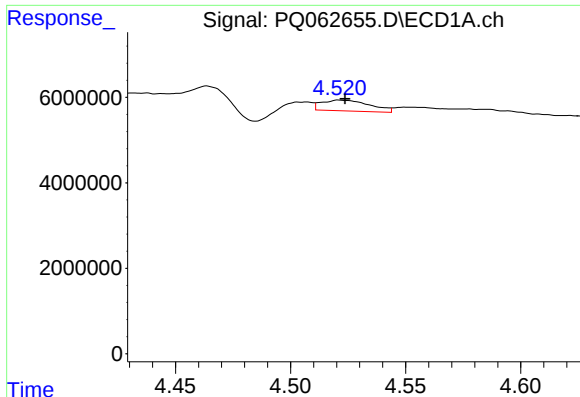
#12 AR-1232-2

R.T.: 4.224 min
Delta R.T.: -0.022 min
Response: 21207207
Conc: 358.53 ng/ml



#12 AR-1232-2

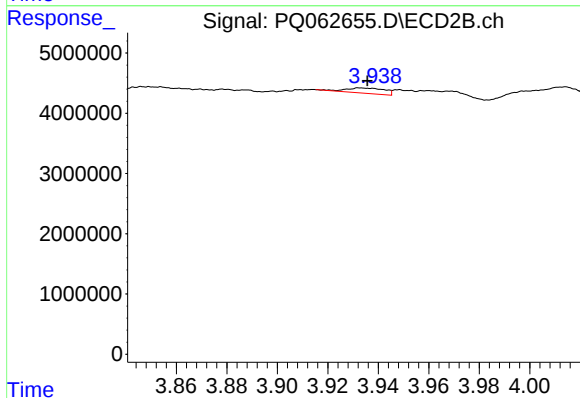
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 4402732
Conc: 66.15 ng/ml



#13 AR-1232-3

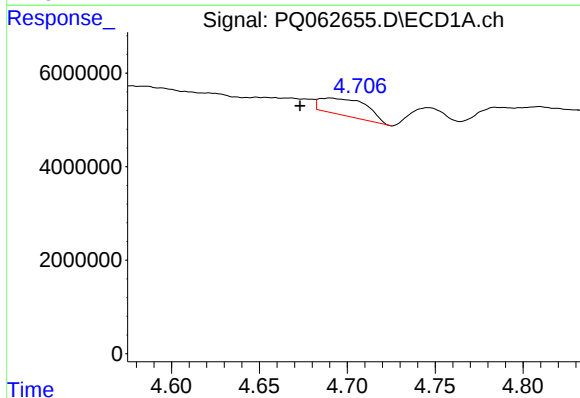
R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 3690243
Conc: 32.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



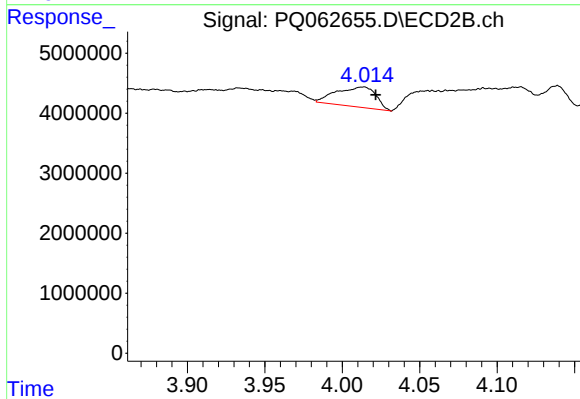
#13 AR-1232-3

R.T.: 3.933 min
Delta R.T.: -0.003 min
Response: 937711
Conc: 27.14 ng/ml



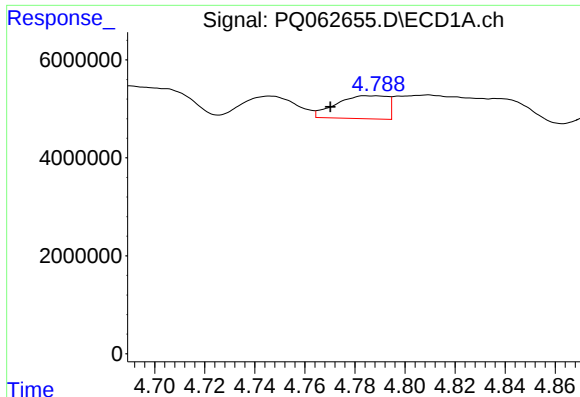
#14 AR-1232-4

R.T.: 4.690 min
Delta R.T.: 0.017 min
Response: 6726993
Conc: 118.71 ng/ml



#14 AR-1232-4

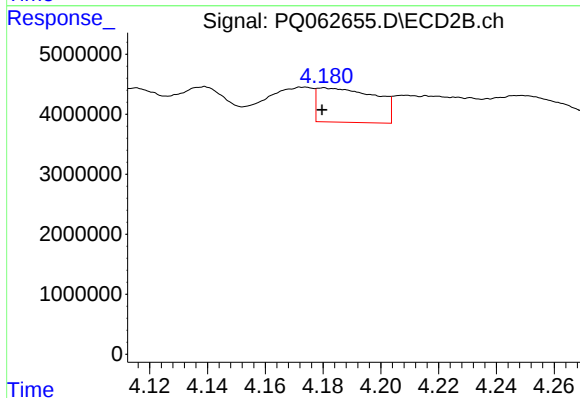
R.T.: 4.014 min
Delta R.T.: -0.007 min
Response: 5957180
Conc: 200.31 ng/ml



#15 AR-1232-5

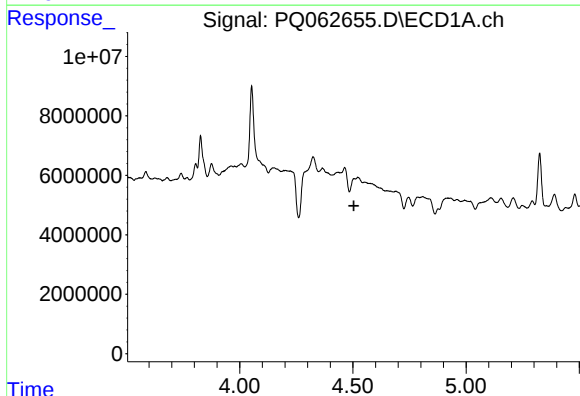
R.T.: 4.784 min
Delta R.T.: 0.014 min
Response: 6670354
Conc: 166.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



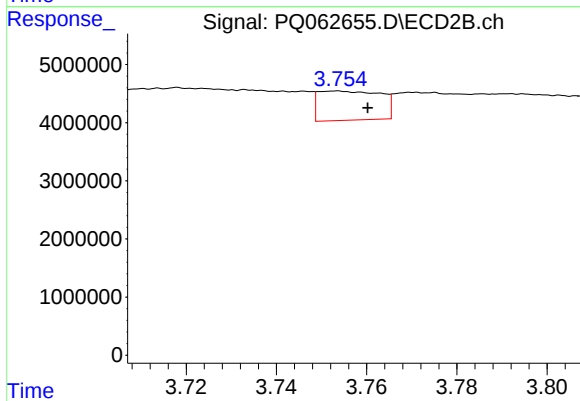
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 8005750
Conc: 224.50 ng/ml



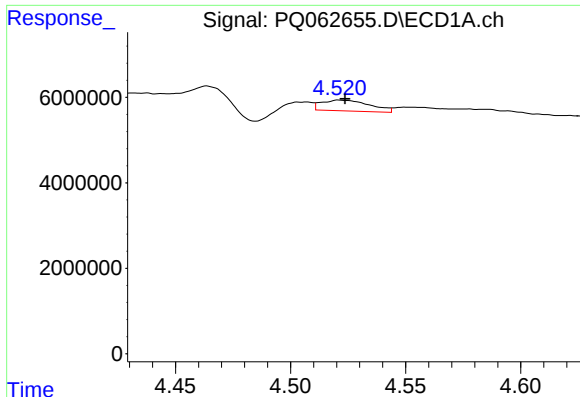
#16 AR-1242-1

R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: -418751
Conc: N.D.



#16 AR-1242-1

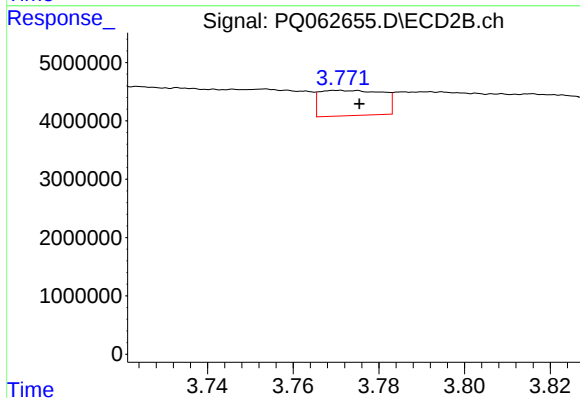
R.T.: 3.753 min
Delta R.T.: -0.007 min
Response: 4823124
Conc: 62.36 ng/ml



#17 AR-1242-2

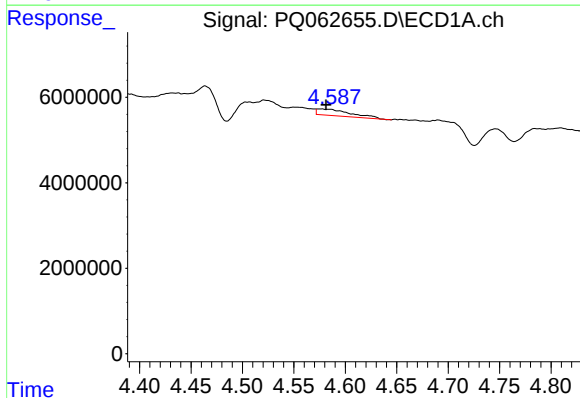
R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 3690243
Conc: 19.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



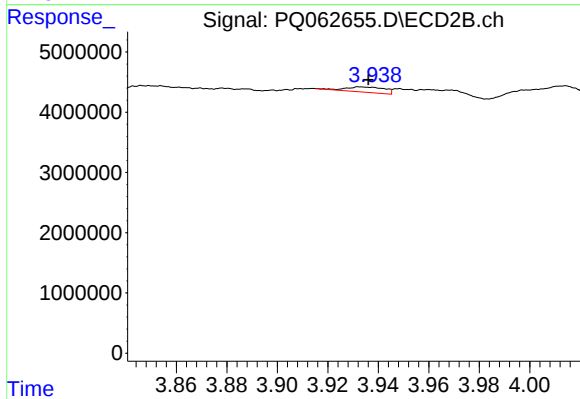
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 4402732
Conc: 39.61 ng/ml



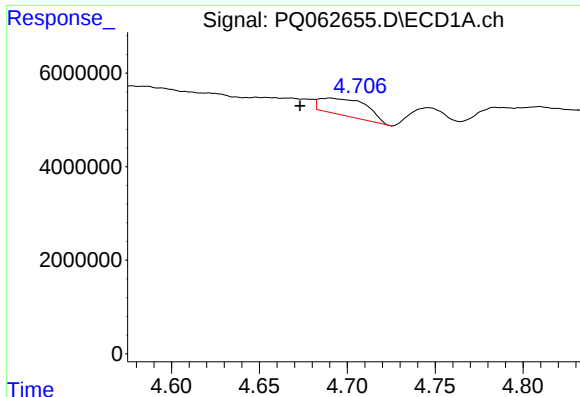
#18 AR-1242-3

R.T.: 4.576 min
Delta R.T.: -0.005 min
Response: 3310914
Conc: 27.40 ng/ml



#18 AR-1242-3

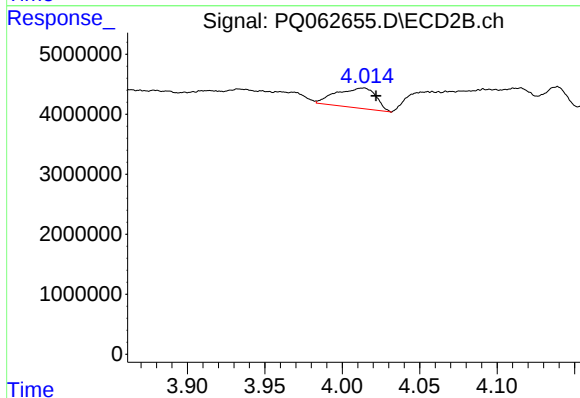
R.T.: 3.933 min
Delta R.T.: -0.004 min
Response: 937711
Conc: 16.01 ng/ml



#19 AR-1242-4

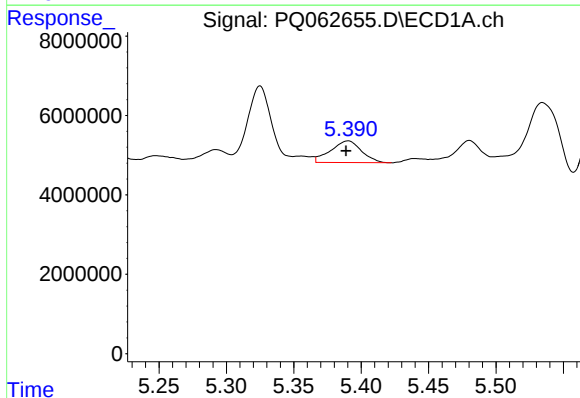
R.T.: 4.690 min
Delta R.T.: 0.017 min
Response: 6726993
Conc: 69.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



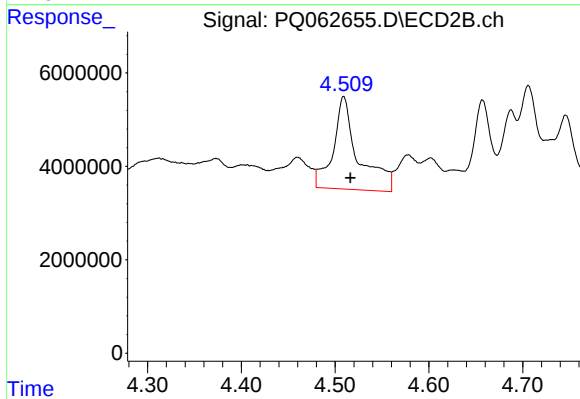
#19 AR-1242-4

R.T.: 4.014 min
Delta R.T.: -0.007 min
Response: 5957180
Conc: 101.61 ng/ml



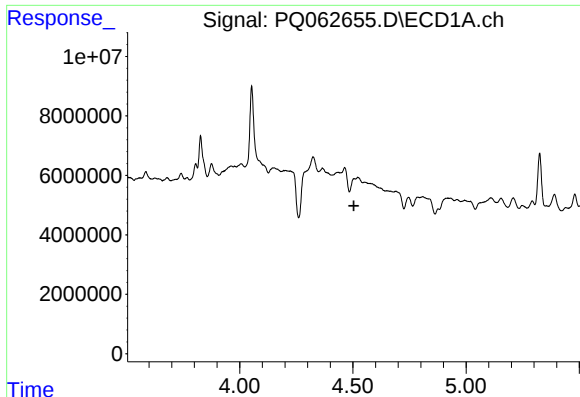
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 8741489
Conc: 91.31 ng/ml



#20 AR-1242-5

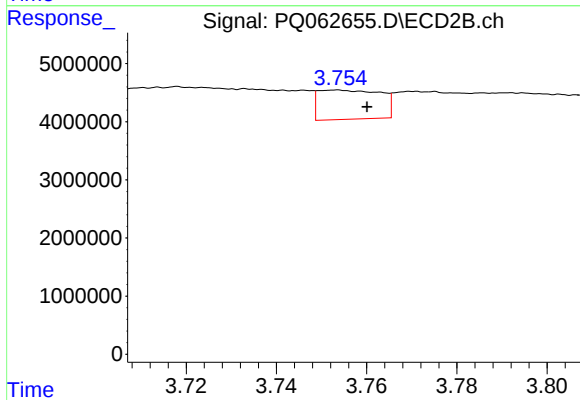
R.T.: 4.509 min
Delta R.T.: -0.007 min
Response: 36877354
Conc: 444.88 ng/ml



#21 AR-1248-1

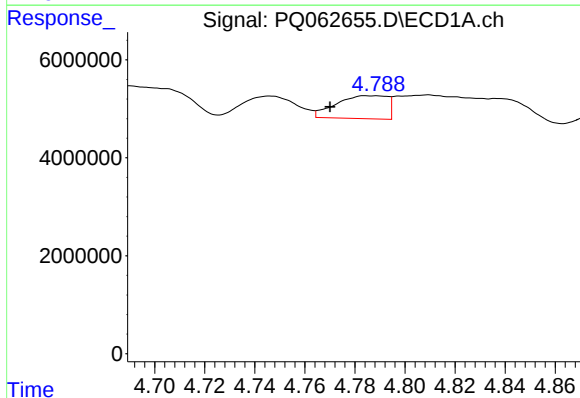
R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: -418751
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



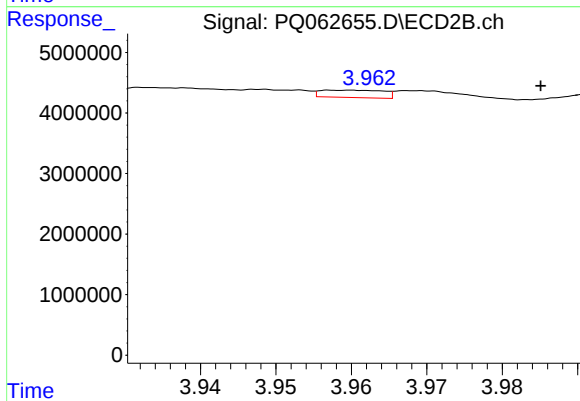
#21 AR-1248-1

R.T.: 3.753 min
Delta R.T.: -0.007 min
Response: 4823124
Conc: 77.14 ng/ml



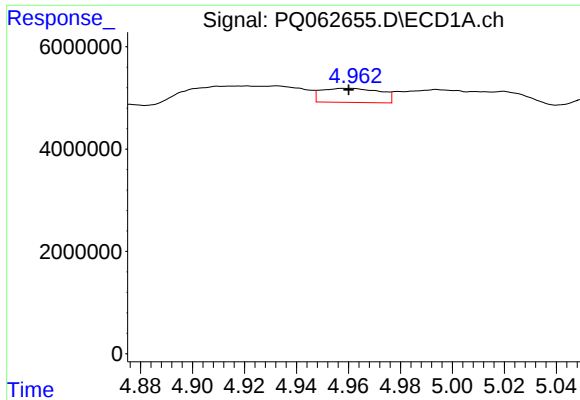
#22 AR-1248-2

R.T.: 4.784 min
Delta R.T.: 0.014 min
Response: 6670354
Conc: 46.43 ng/ml



#22 AR-1248-2

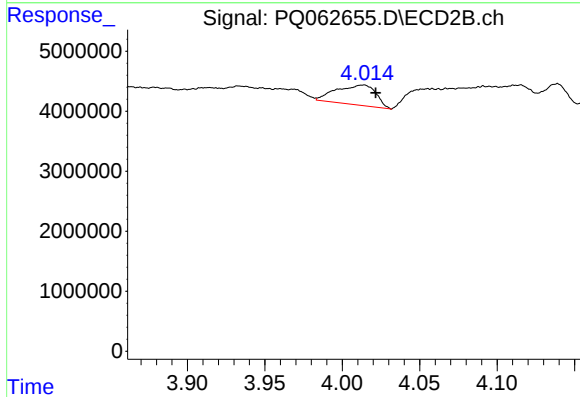
R.T.: 3.960 min
Delta R.T.: -0.025 min
Response: 700858
Conc: 7.47 ng/ml



#23 AR-1248-3

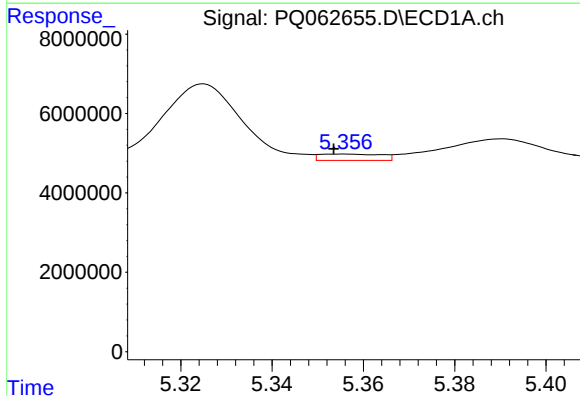
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 4318990
Conc: 24.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



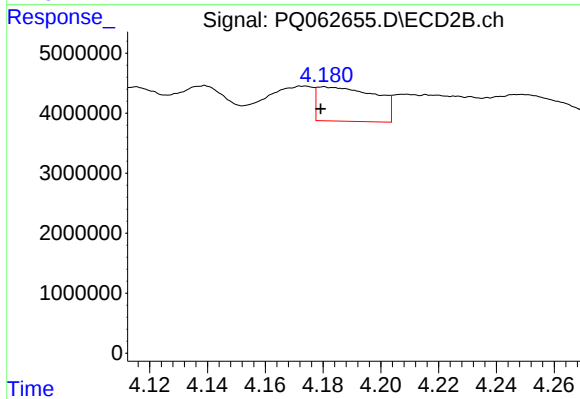
#23 AR-1248-3

R.T.: 4.014 min
Delta R.T.: -0.007 min
Response: 5957180
Conc: 65.79 ng/ml



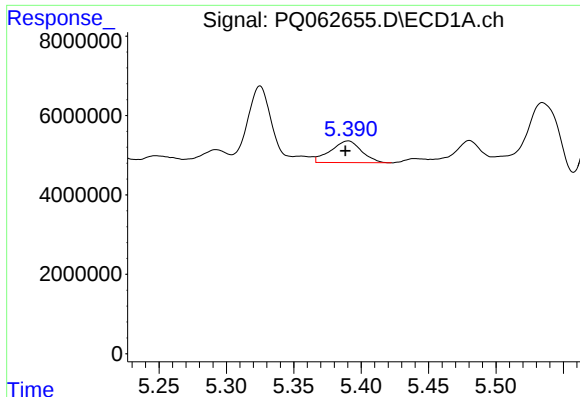
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.002 min
Response: 1510698
Conc: 7.87 ng/ml



#24 AR-1248-4

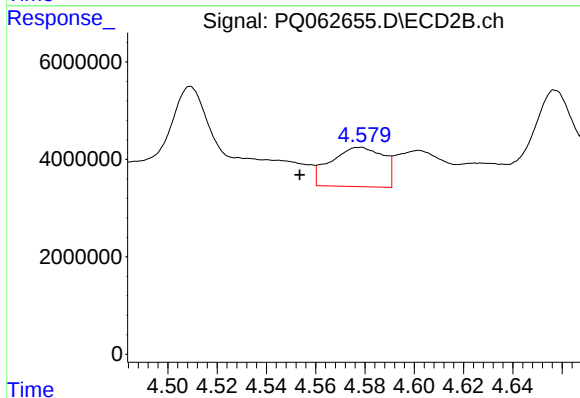
R.T.: 4.180 min
Delta R.T.: 0.001 min
Response: 8005750
Conc: 70.95 ng/ml



#25 AR-1248-5

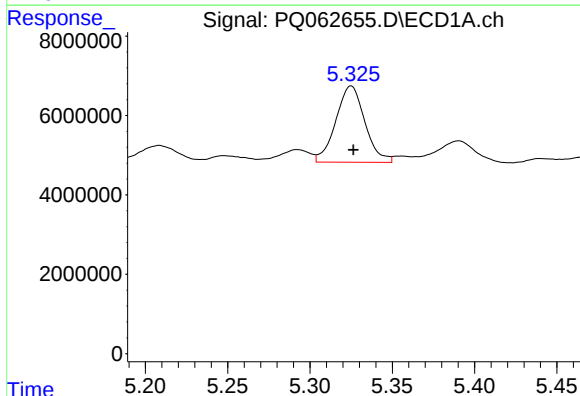
R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 8741489
Conc: 48.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



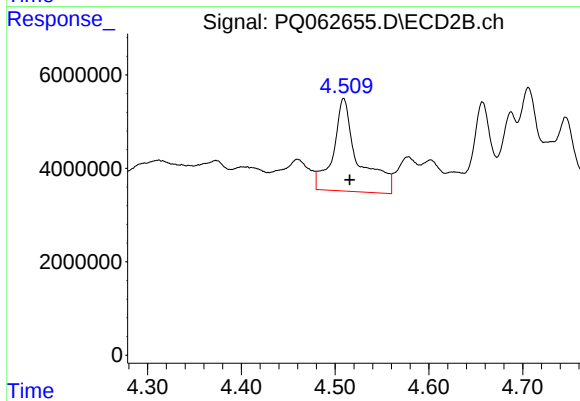
#25 AR-1248-5

R.T.: 4.579 min
Delta R.T.: 0.025 min
Response: 11987971
Conc: 107.00 ng/ml



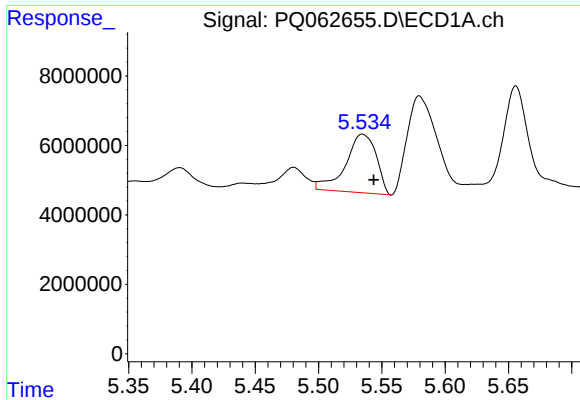
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 23685910
Conc: 127.47 ng/ml



#26 AR-1254-1

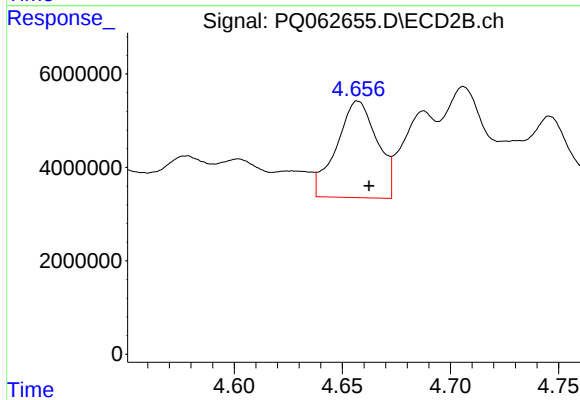
R.T.: 4.509 min
Delta R.T.: -0.006 min
Response: 36877354
Conc: 228.40 ng/ml



#27 AR-1254-2

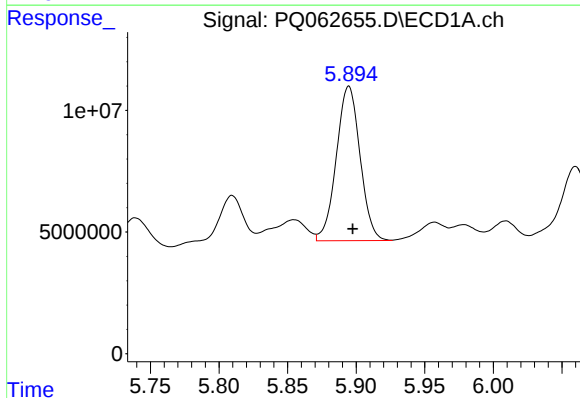
R.T.: 5.535 min
Delta R.T.: -0.009 min
Response: 28488296
Conc: 97.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



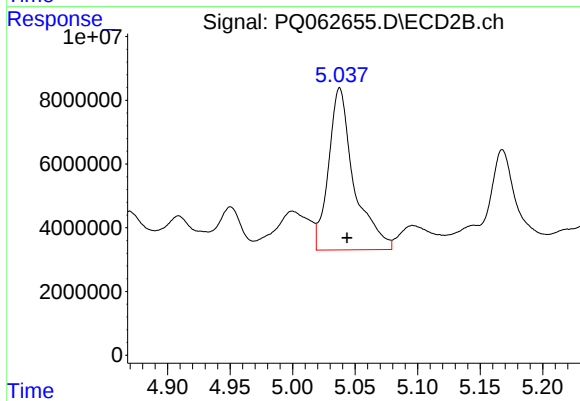
#27 AR-1254-2

R.T.: 4.657 min
Delta R.T.: -0.005 min
Response: 27089097
Conc: 184.00 ng/ml



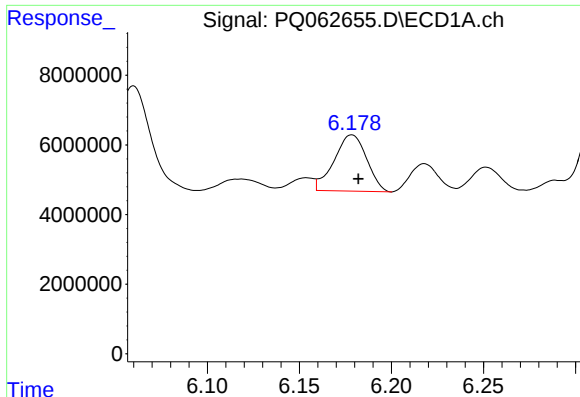
#28 AR-1254-3

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 76460814
Conc: 248.94 ng/ml



#28 AR-1254-3

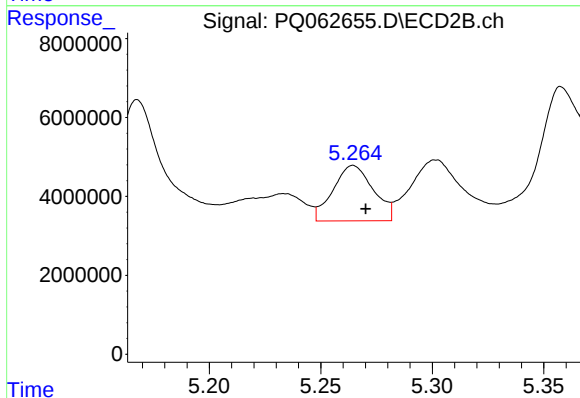
R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 71891504
Conc: 307.62 ng/ml



#29 AR-1254-4

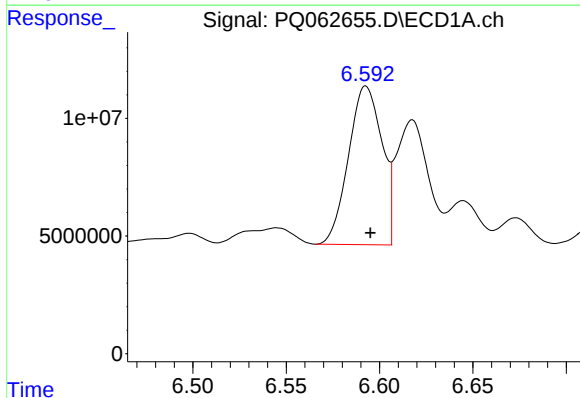
R.T.: 6.178 min
Delta R.T.: -0.004 min
Response: 19851247
Conc: 85.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



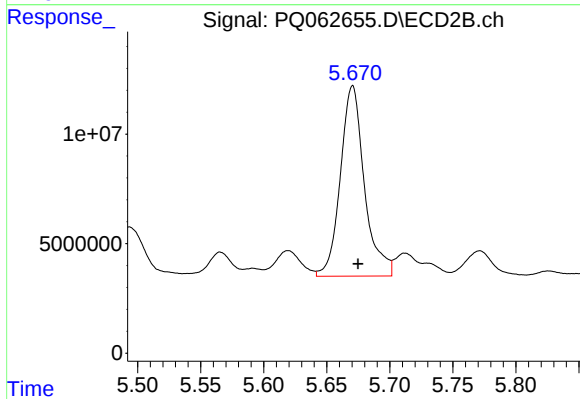
#29 AR-1254-4

R.T.: 5.265 min
Delta R.T.: -0.006 min
Response: 17672519
Conc: 115.95 ng/ml



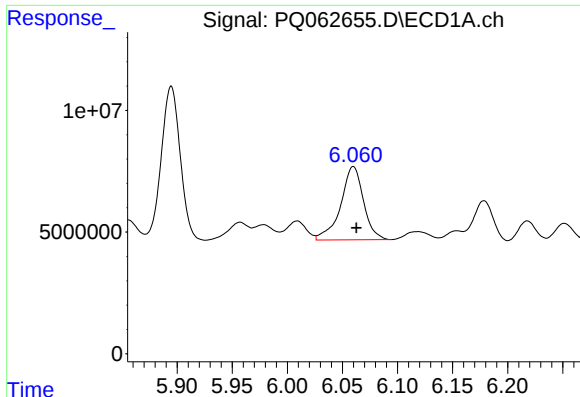
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 84225232
Conc: 327.89 ng/ml



#30 AR-1254-5

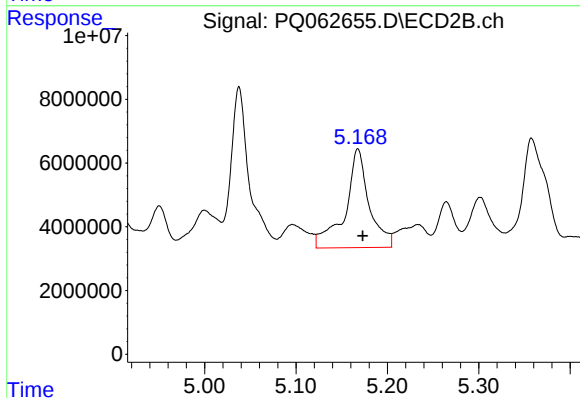
R.T.: 5.670 min
Delta R.T.: -0.004 min
Response: 115394507
Conc: 499.98 ng/ml



#31 AR-1260-1

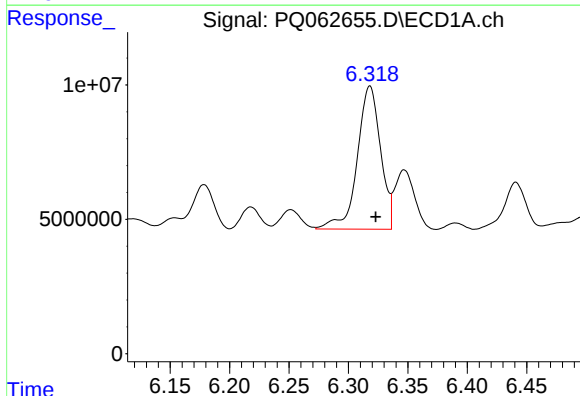
R.T.: 6.060 min
Delta R.T.: -0.003 min
Response: 43503071
Conc: 184.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



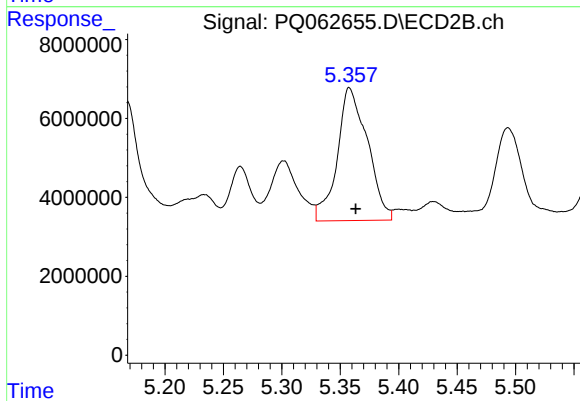
#31 AR-1260-1

R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 56460166
Conc: 338.99 ng/ml



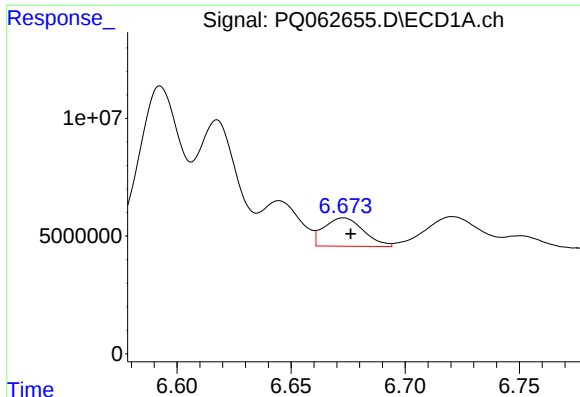
#32 AR-1260-2

R.T.: 6.318 min
Delta R.T.: -0.005 min
Response: 72501357
Conc: 251.03 ng/ml



#32 AR-1260-2

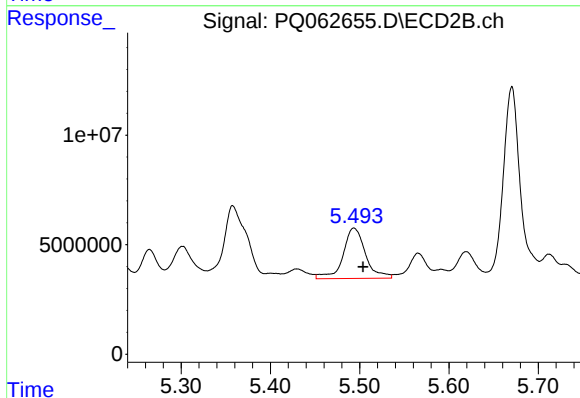
R.T.: 5.358 min
Delta R.T.: -0.006 min
Response: 60624372
Conc: 291.54 ng/ml



#33 AR-1260-3

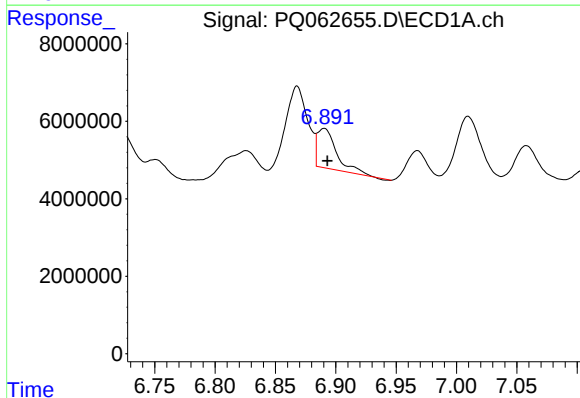
R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 14500958
Conc: 82.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



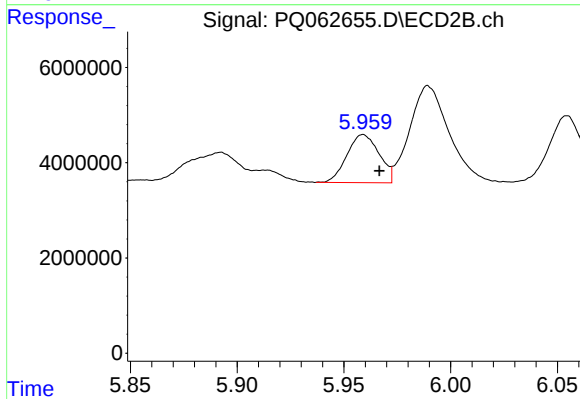
#33 AR-1260-3

R.T.: 5.494 min
Delta R.T.: -0.010 min
Response: 40264867
Conc: 206.95 ng/ml



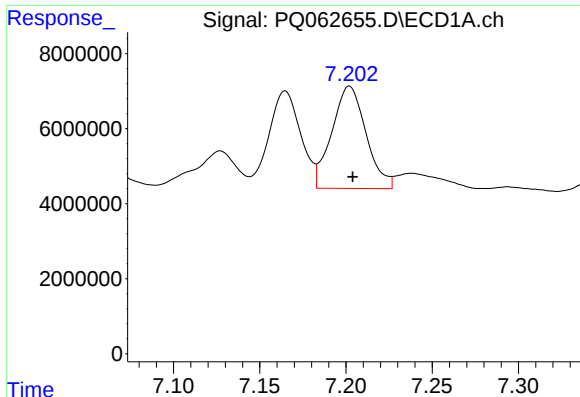
#34 AR-1260-4

R.T.: 6.890 min
Delta R.T.: -0.002 min
Response: 11420122
Conc: 54.21 ng/ml



#34 AR-1260-4

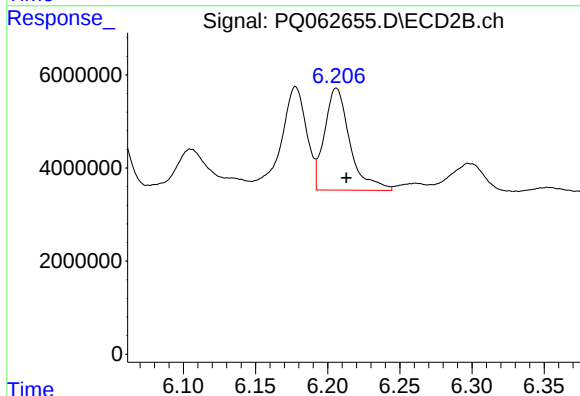
R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 10580649
Conc: 72.54 ng/ml



#35 AR-1260-5

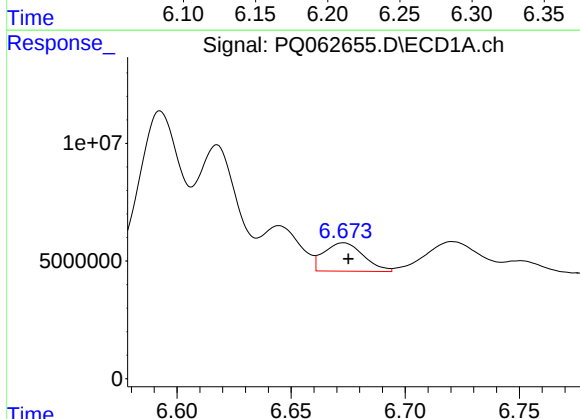
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 37696212
Conc: 91.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



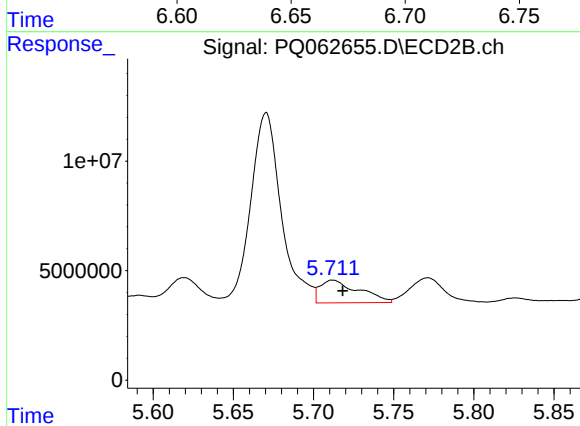
#35 AR-1260-5

R.T.: 6.206 min
Delta R.T.: -0.007 min
Response: 26895947
Conc: 81.00 ng/ml



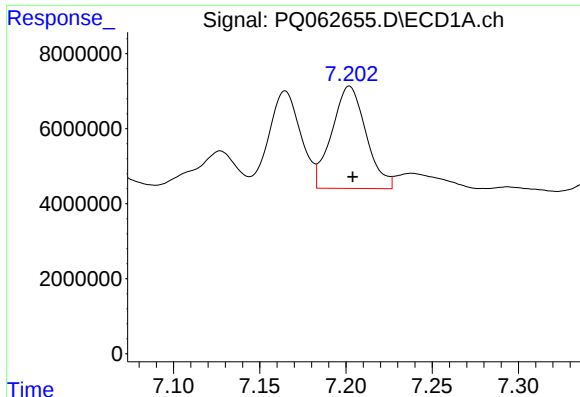
#36 AR-1262-1

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 14500958
Conc: 47.55 ng/ml



#36 AR-1262-1

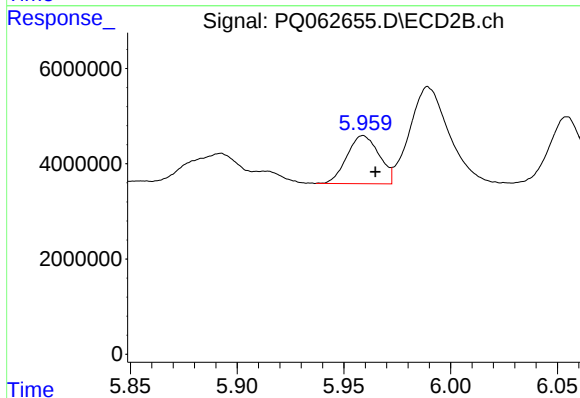
R.T.: 5.712 min
Delta R.T.: -0.006 min
Response: 17461840
Conc: 75.11 ng/ml



#37 AR-1262-2

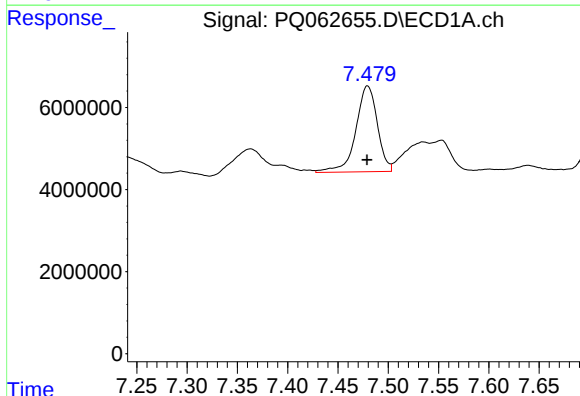
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 37696212
Conc: 71.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



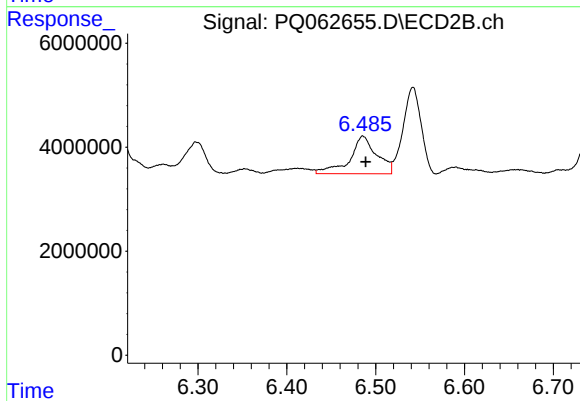
#37 AR-1262-2

R.T.: 5.959 min
Delta R.T.: -0.006 min
Response: 10580649
Conc: 48.94 ng/ml



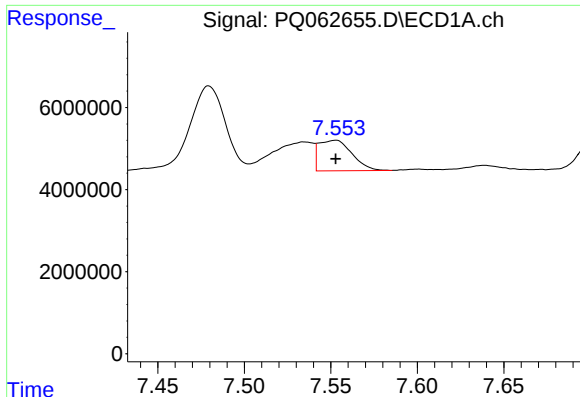
#38 AR-1262-3

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 31189123
Conc: 88.53 ng/ml



#38 AR-1262-3

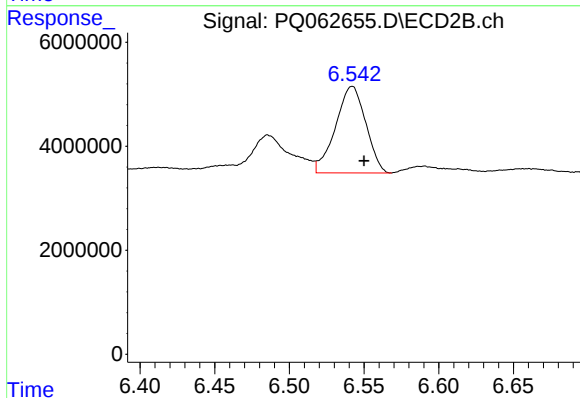
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 15200685
Conc: 87.20 ng/ml



#39 AR-1262-4

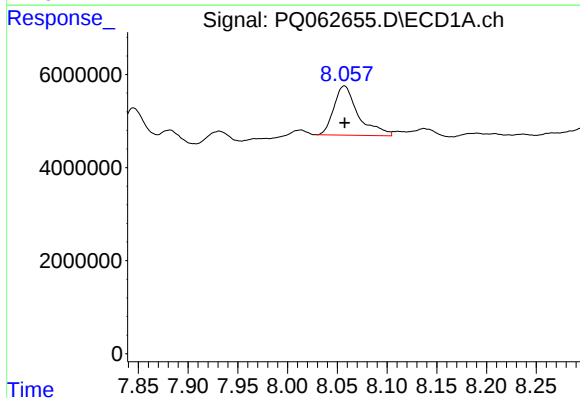
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 9887620
Conc: 37.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



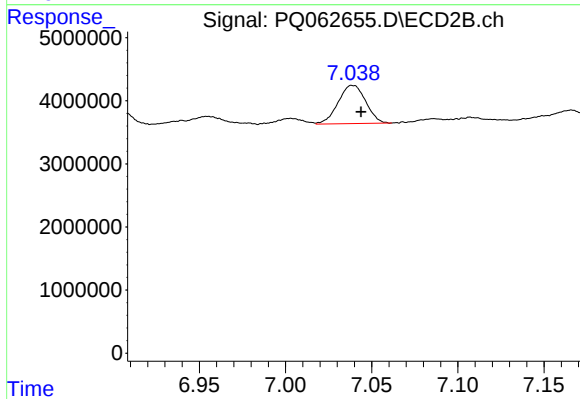
#39 AR-1262-4

R.T.: 6.542 min
Delta R.T.: -0.008 min
Response: 23448929
Conc: 72.76 ng/ml



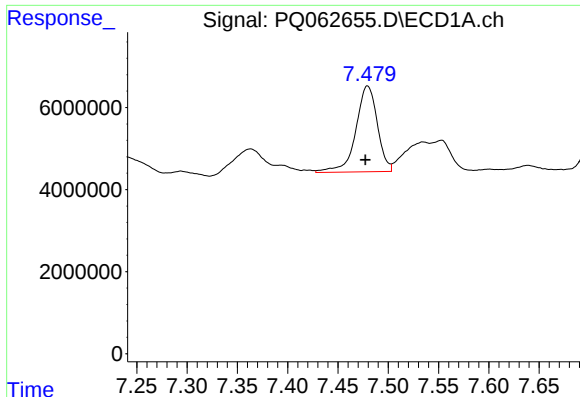
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 18082234
Conc: 101.87 ng/ml



#40 AR-1262-5

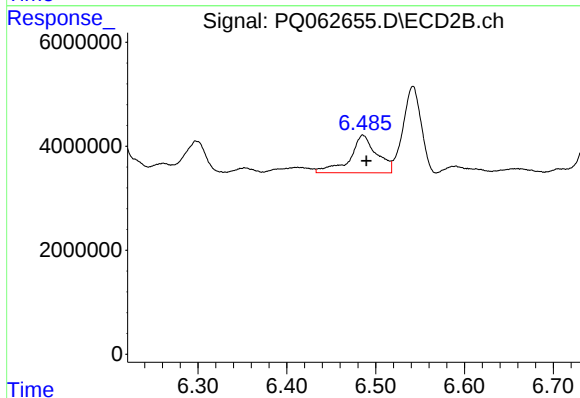
R.T.: 7.039 min
Delta R.T.: -0.005 min
Response: 6738341
Conc: 43.44 ng/ml



#41 AR-1268-1

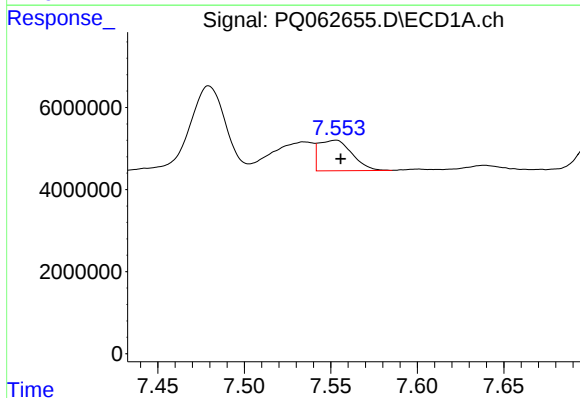
R.T.: 7.479 min
Delta R.T.: 0.002 min
Response: 31189123
Conc: 54.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



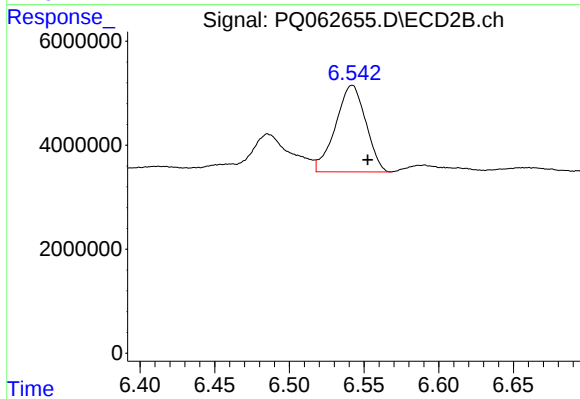
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 15200685
Conc: 32.30 ng/ml



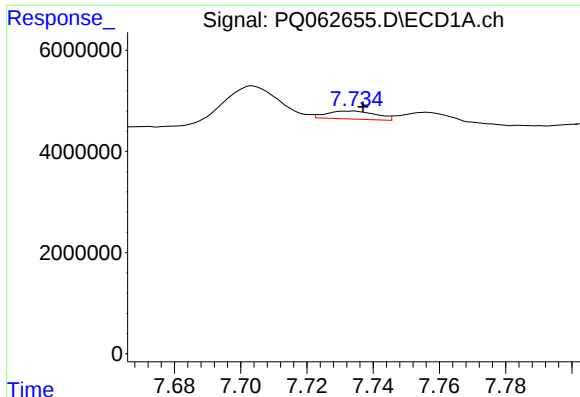
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 9887620
Conc: 19.39 ng/ml



#42 AR-1268-2

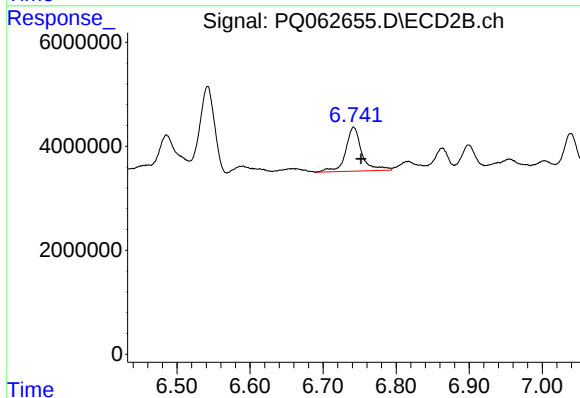
R.T.: 6.542 min
Delta R.T.: -0.010 min
Response: 23448929
Conc: 55.34 ng/ml



#43 AR-1268-3

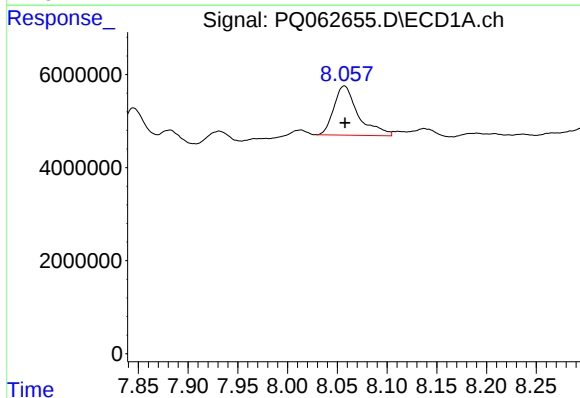
R.T.: 7.733 min
Delta R.T.: -0.004 min
Response: 1624221
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



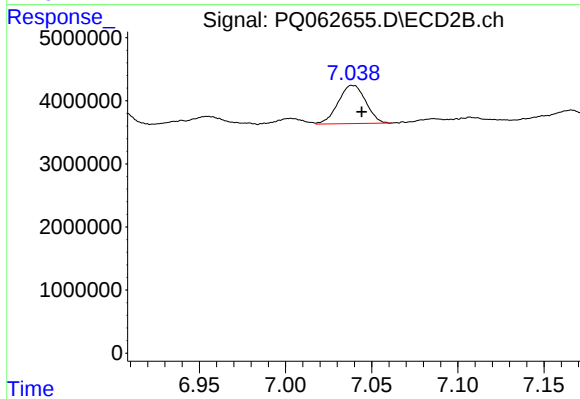
#43 AR-1268-3

R.T.: 6.742 min
Delta R.T.: -0.010 min
Response: 12967361
Conc: 35.21 ng/ml



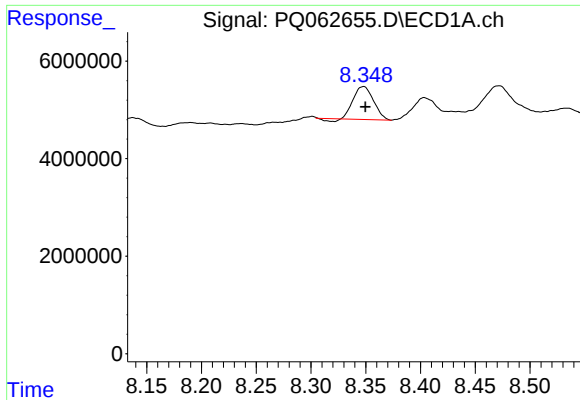
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 18082234
Conc: 98.82 ng/ml



#44 AR-1268-4

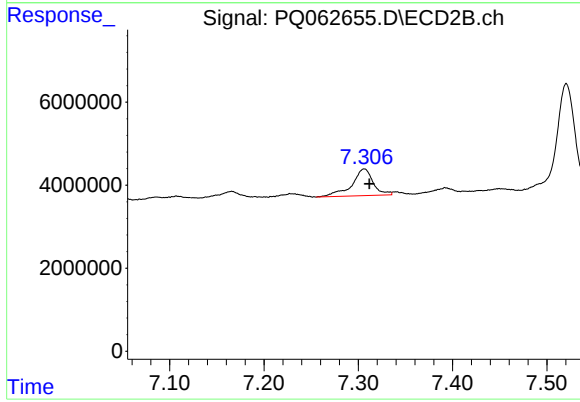
R.T.: 7.039 min
Delta R.T.: -0.005 min
Response: 6738341
Conc: 42.13 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.002 min
Response: 8514879
Conc: 6.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.306 min
Delta R.T.: -0.005 min
Response: 10162986
Conc: 8.71 ng/ml