

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111423\
 Data File : PQ064087.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2023 17:44
 Operator : YP\AJ
 Sample : 05387-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 20:06:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.459	2.776	95241333	95070596	22.344	25.851
2)	SA Decachlor...	8.692	7.573	57054492	89566351	17.671	19.116
Target Compounds							
3)	L1 AR-1016-1	4.536f	3.787	8285227	162573	60.121	1.290 #
4)	L1 AR-1016-2	4.629f	3.797	7481880	297638	35.424	1.643 #
5)	L1 AR-1016-3	4.657	3.963	2568799	248404	19.288	2.549 #
6)	L1 AR-1016-4	4.760	4.013	1321328	2186924	12.568	25.922 #
7)	L1 AR-1016-5	5.035	4.207	2605268	3094883	24.591	30.945 #
8)	L2 AR-1221-1	3.646	2.975	3690653	1073984	68.204	20.841 #
9)	L2 AR-1221-2	3.741	3.068	1169933	131749	32.027	3.779 #
10)	L2 AR-1221-3	3.803	3.128	305187	440578	2.570	3.994 #
11)	L3 AR-1232-1	3.803	3.128	305187	440578	3.263	5.088 #
12)	L3 AR-1232-2	4.320	3.797	6259378	297638	119.188	3.742 #
13)	L3 AR-1232-3	4.629f	3.963	7481880	248404	83.185	6.000 #
14)	L3 AR-1232-4	4.760	4.049	1321328	1455240	30.219	40.071 #
15)	L3 AR-1232-5	4.843	4.207	1321878	3094883	39.530	73.657 #
16)	L4 AR-1242-1	4.536f	3.787	8285227	162573	73.526	1.580 #
17)	L4 AR-1242-2	4.629f	3.797	7481880	297638	44.245	2.017 #
18)	L4 AR-1242-3	4.657	3.963	2568799	248404	24.338	3.122 #
19)	L4 AR-1242-4	4.760	4.049	1321328	1455240	15.573	19.177
20)	L4 AR-1242-5	5.471	4.546	2204612	13313236	24.933	132.346 #
21)	L5 AR-1248-1	4.536f	3.787	8285227	162573	99.515	2.085 #
22)	L5 AR-1248-2	4.843	4.013	1321878	2186924	10.891	18.448 #
23)	L5 AR-1248-3	5.035	4.049	2605268	1455240	17.993	12.917 #
24)	L5 AR-1248-4	5.403f	4.207	12630444	3094883	81.500	22.482 #
25)	L5 AR-1248-5	5.471	4.570	2204612	6661902	14.418	49.616 #
26)	L6 AR-1254-1	5.403	4.546	12630444	13313236	80.474	68.497
27)	L6 AR-1254-2	5.622	4.694	17597361	20512108	74.202	117.747 #
28)	L6 AR-1254-3	5.978	5.077	37594474	35303866	151.626	131.893
29)	L6 AR-1254-4	6.265	5.305	21552251	24062622	118.927	137.164
30)	L6 AR-1254-5	6.681	5.714	44826885	155.1E6	224.741	608.359 #
31)	L7 AR-1260-1	6.145	5.208	17982682	30062360	87.837	151.988 #
32)	L7 AR-1260-2	6.398	5.399	77136523	43670577	319.322	182.926 #
33)	L7 AR-1260-3	6.759	5.537	10062965	27169320	62.522	120.284 #
34)	L7 AR-1260-4	6.979	6.004	7295952	10158198	39.546	59.038 #
35)	L7 AR-1260-5	7.291	6.250	18618313	17856545	52.388	44.746
36)	L8 AR-1262-1	6.759	5.807	10062965	2789677	38.506	25.481 #
37)	L8 AR-1262-2	7.291	6.004	18618313	10158198	43.773	41.123
38)	L8 AR-1262-3	7.573	6.527	10561957	8843285	36.862	43.651
39)	L8 AR-1262-4	7.645	6.585	2055978	18177181	8.960	48.780 #
40)	L8 AR-1262-5	8.153	7.086	2923714	2888672	20.525	15.976
41)	L9 AR-1268-1	7.573	6.527	10561957	8843285	21.358	15.413 #

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 Operator : YP\AJ
 Sample : 05387-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

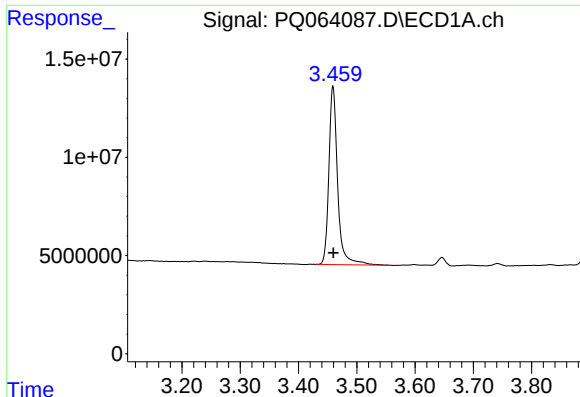
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 20:06:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 Response via : Initial Calibration
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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	7.645	6.585	2055978	18177181	4.591	35.016 #
43) L9	AR-1268-3	7.829	6.795	2321901	3176523	5.952	6.851
44) L9	AR-1268-4	8.153	7.086	2923714	2888672	18.702	14.789
45) L9	AR-1268-5	8.450	7.355	1777944	7399360	1.577	4.835 #

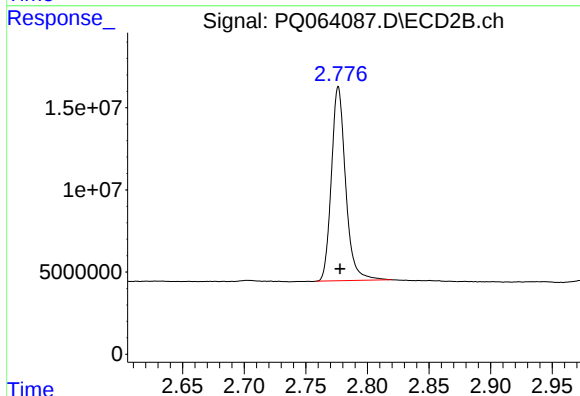
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

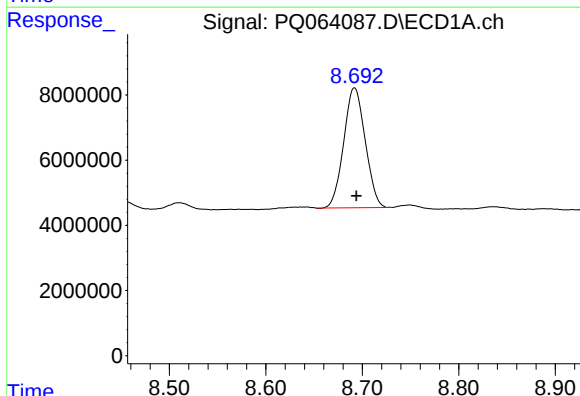
R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 95241333
Conc: 22.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



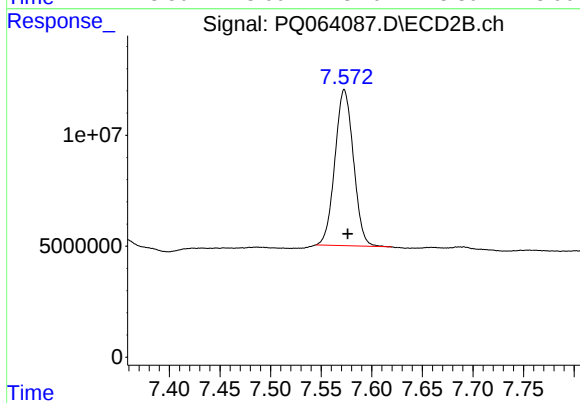
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 95070596
Conc: 25.85 ng/ml



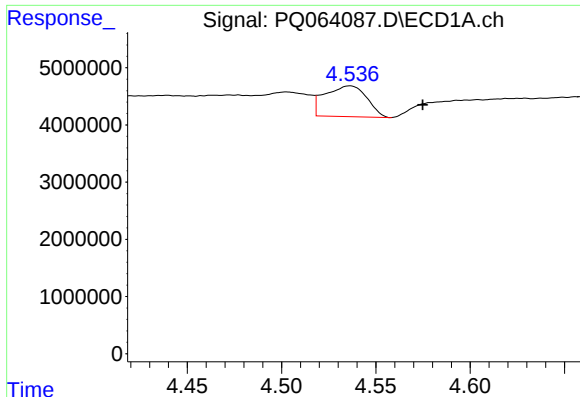
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 57054492
Conc: 17.67 ng/ml



#2 Decachlorobiphenyl

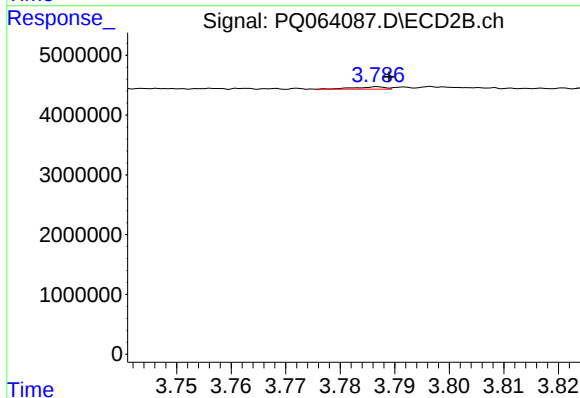
R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 89566351
Conc: 19.12 ng/ml



#3 AR-1016-1

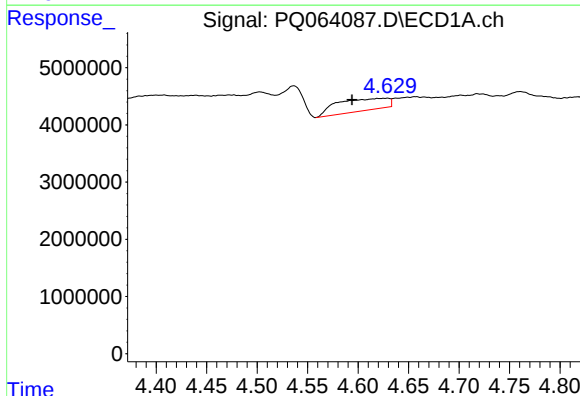
R.T.: 4.536 min
Delta R.T.: -0.039 min
Response: 8285227
Conc: 60.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



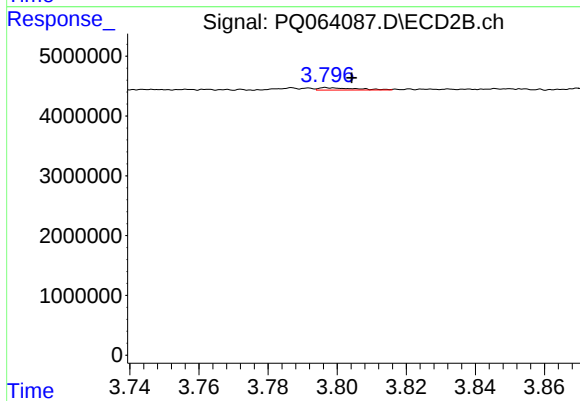
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 162573
Conc: 1.29 ng/ml



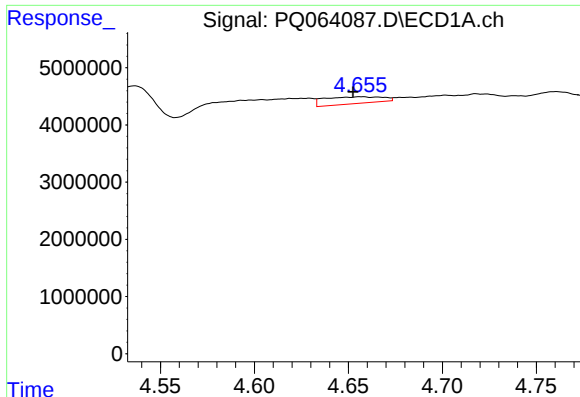
#4 AR-1016-2

R.T.: 4.629 min
Delta R.T.: 0.035 min
Response: 7481880
Conc: 35.42 ng/ml



#4 AR-1016-2

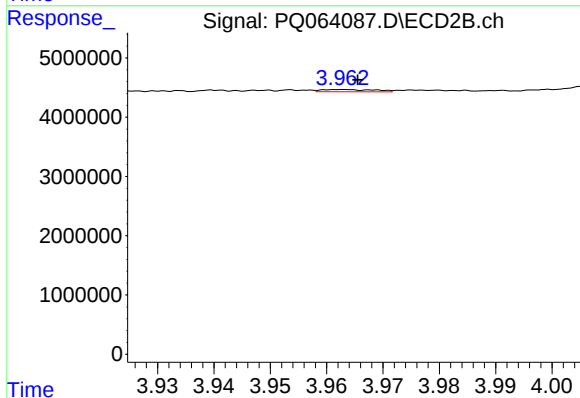
R.T.: 3.797 min
Delta R.T.: -0.007 min
Response: 297638
Conc: 1.64 ng/ml



#5 AR-1016-3

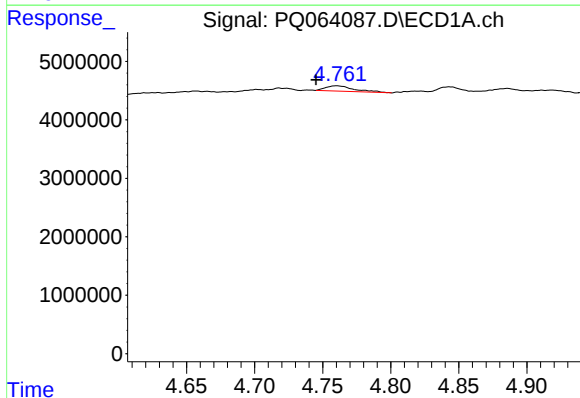
R.T.: 4.657 min
Delta R.T.: 0.004 min
Response: 2568799
Conc: 19.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



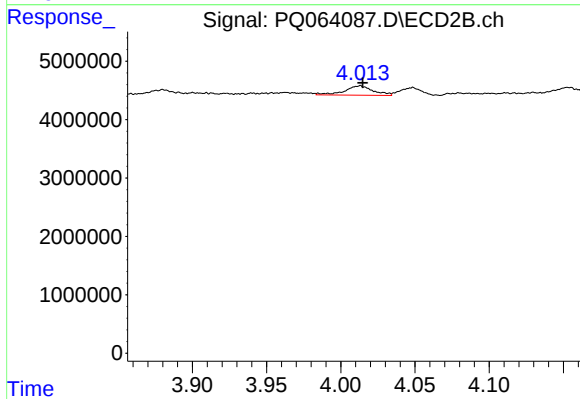
#5 AR-1016-3

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 248404
Conc: 2.55 ng/ml



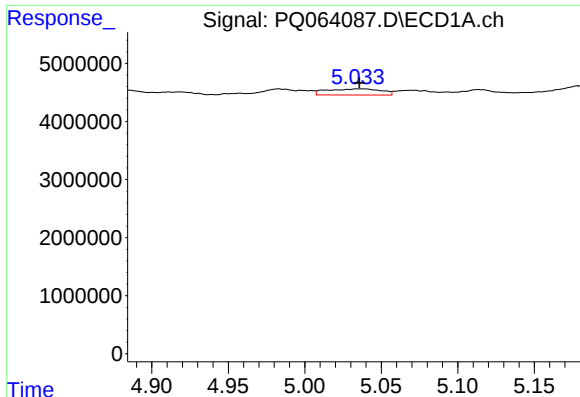
#6 AR-1016-4

R.T.: 4.760 min
Delta R.T.: 0.015 min
Response: 1321328
Conc: 12.57 ng/ml



#6 AR-1016-4

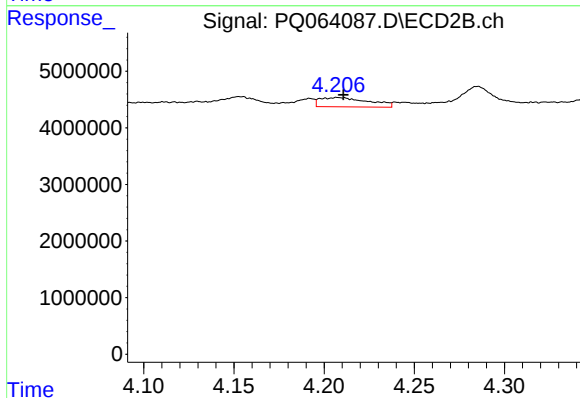
R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 2186924
Conc: 25.92 ng/ml



#7 AR-1016-5

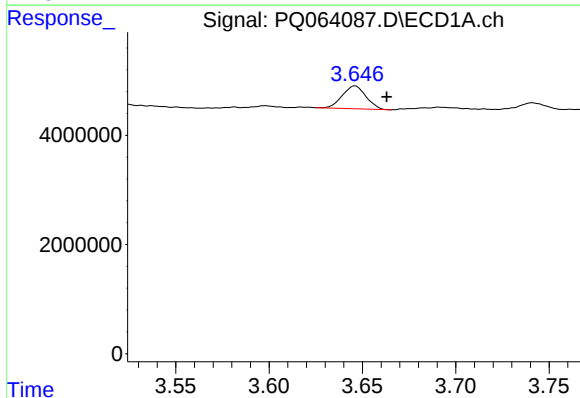
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 2605268
Conc: 24.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



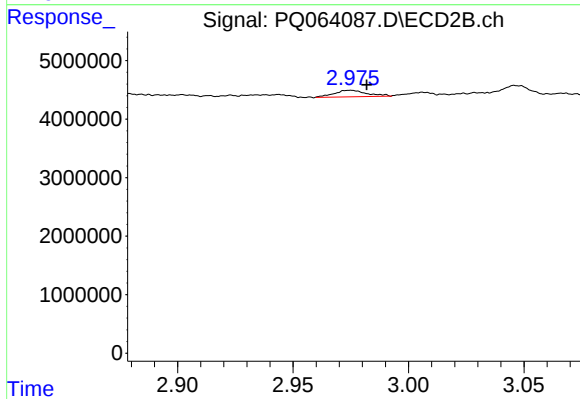
#7 AR-1016-5

R.T.: 4.207 min
Delta R.T.: -0.003 min
Response: 3094883
Conc: 30.95 ng/ml



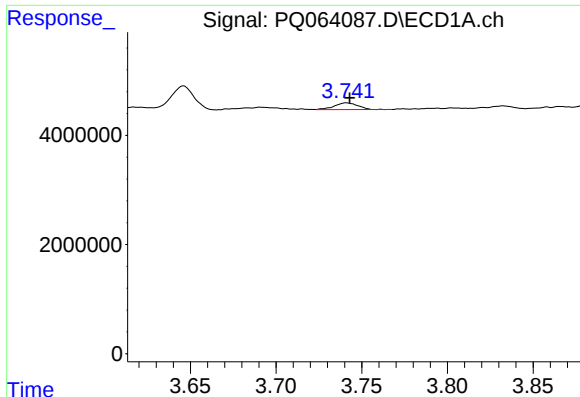
#8 AR-1221-1

R.T.: 3.646 min
Delta R.T.: -0.017 min
Response: 3690653
Conc: 68.20 ng/ml



#8 AR-1221-1

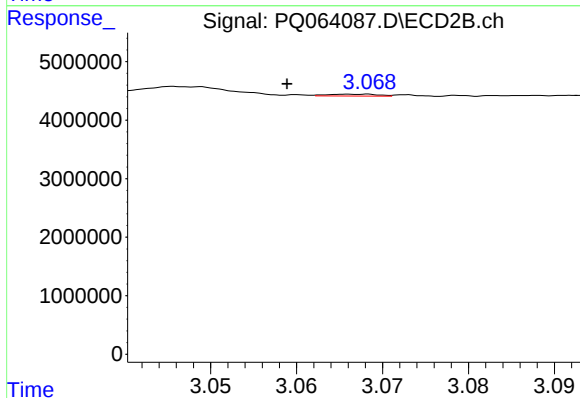
R.T.: 2.975 min
Delta R.T.: -0.007 min
Response: 1073984
Conc: 20.84 ng/ml



#9 AR-1221-2

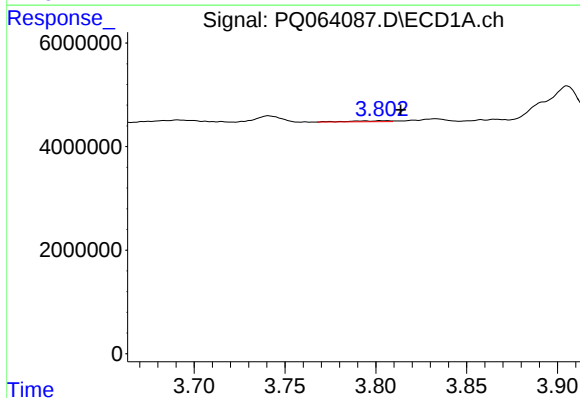
R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 1169933
Conc: 32.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



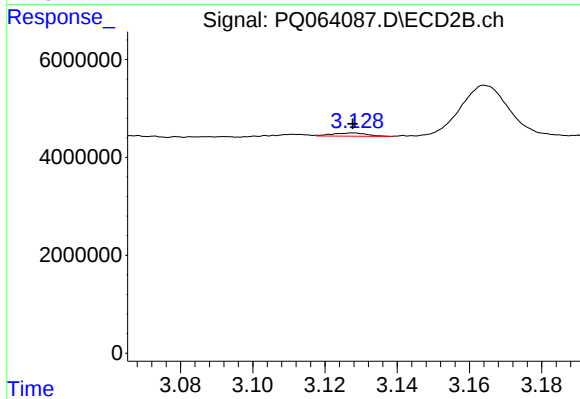
#9 AR-1221-2

R.T.: 3.068 min
Delta R.T.: 0.009 min
Response: 131749
Conc: 3.78 ng/ml



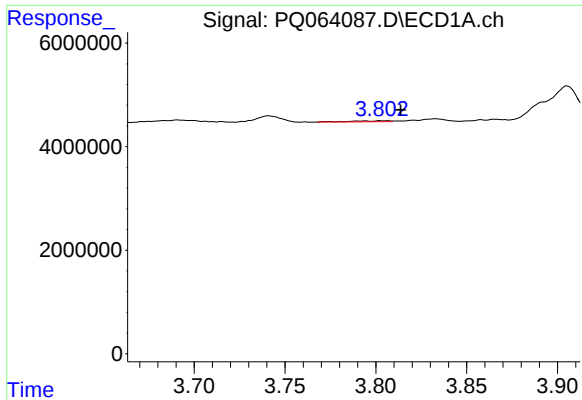
#10 AR-1221-3

R.T.: 3.803 min
Delta R.T.: -0.011 min
Response: 305187
Conc: 2.57 ng/ml



#10 AR-1221-3

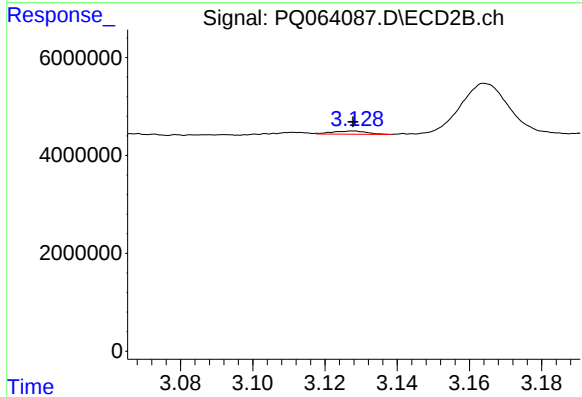
R.T.: 3.128 min
Delta R.T.: 0.000 min
Response: 440578
Conc: 3.99 ng/ml



#11 AR-1232-1

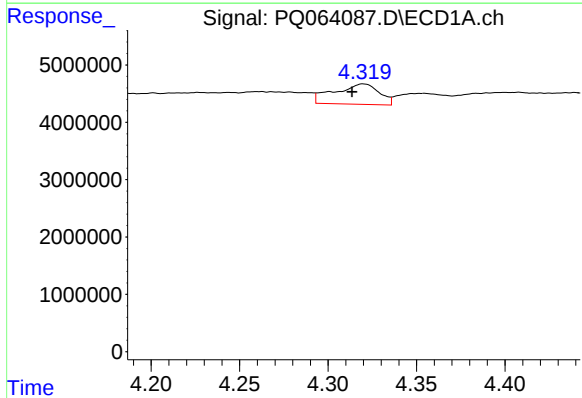
R.T.: 3.803 min
Delta R.T.: -0.011 min
Response: 305187
Conc: 3.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



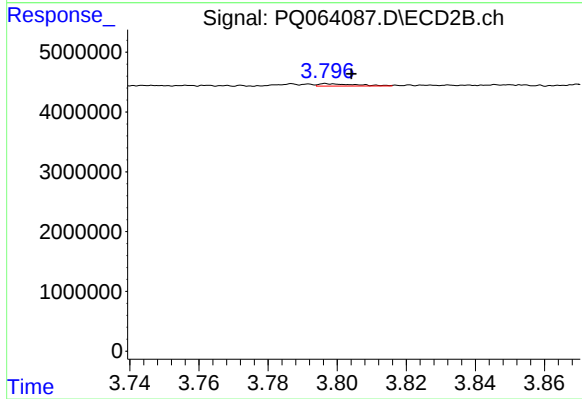
#11 AR-1232-1

R.T.: 3.128 min
Delta R.T.: 0.000 min
Response: 440578
Conc: 5.09 ng/ml



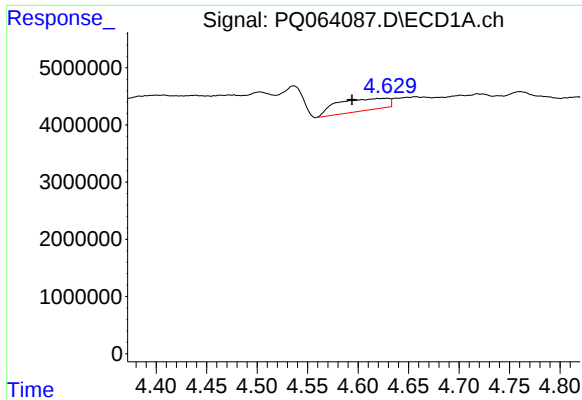
#12 AR-1232-2

R.T.: 4.320 min
Delta R.T.: 0.006 min
Response: 6259378
Conc: 119.19 ng/ml



#12 AR-1232-2

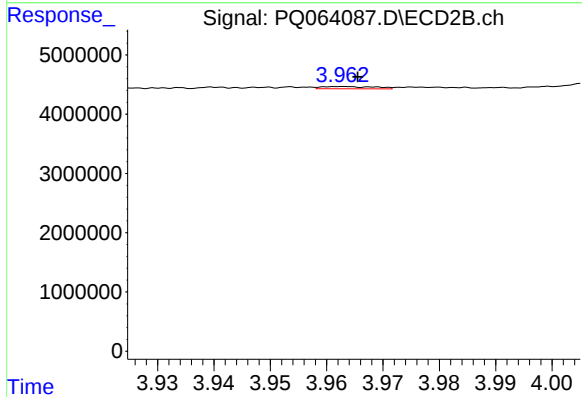
R.T.: 3.797 min
Delta R.T.: -0.007 min
Response: 297638
Conc: 3.74 ng/ml



#13 AR-1232-3

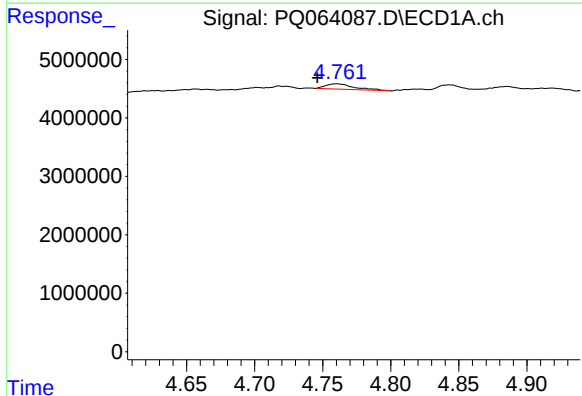
R.T.: 4.629 min
Delta R.T.: 0.035 min
Response: 7481880
Conc: 83.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



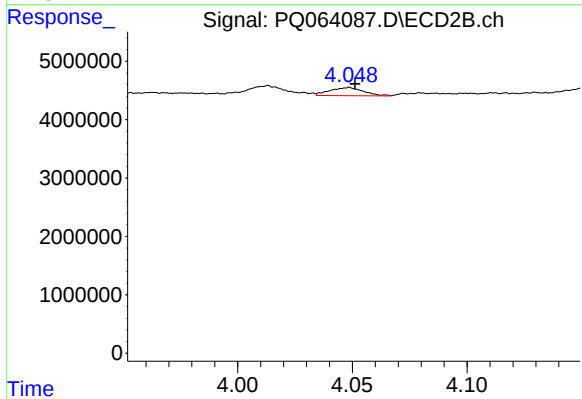
#13 AR-1232-3

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 248404
Conc: 6.00 ng/ml



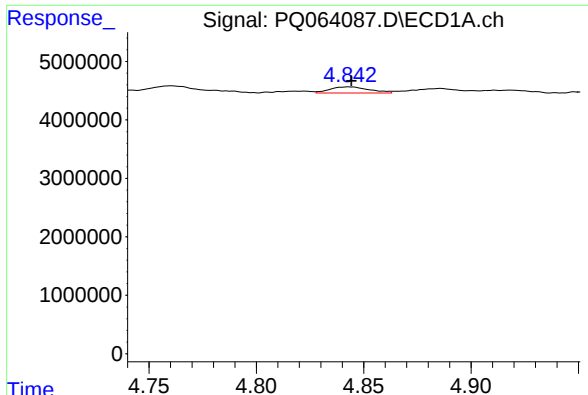
#14 AR-1232-4

R.T.: 4.760 min
Delta R.T.: 0.014 min
Response: 1321328
Conc: 30.22 ng/ml



#14 AR-1232-4

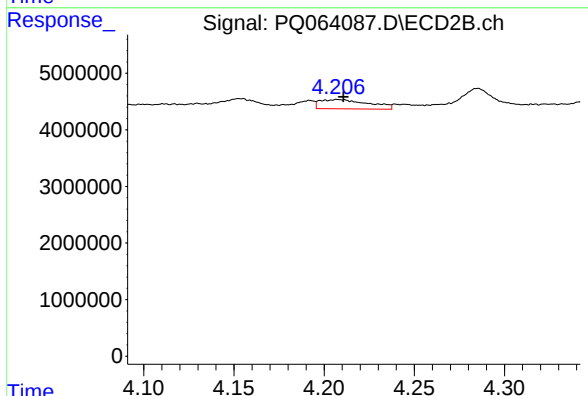
R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 1455240
Conc: 40.07 ng/ml



#15 AR-1232-5

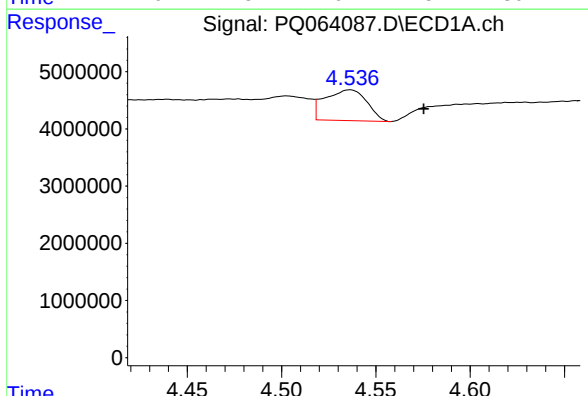
R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 1321878
Conc: 39.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



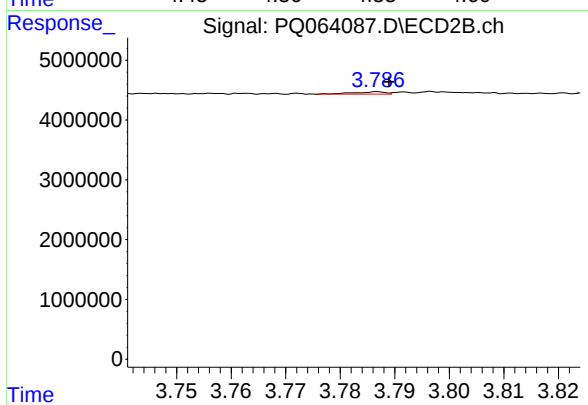
#15 AR-1232-5

R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 3094883
Conc: 73.66 ng/ml



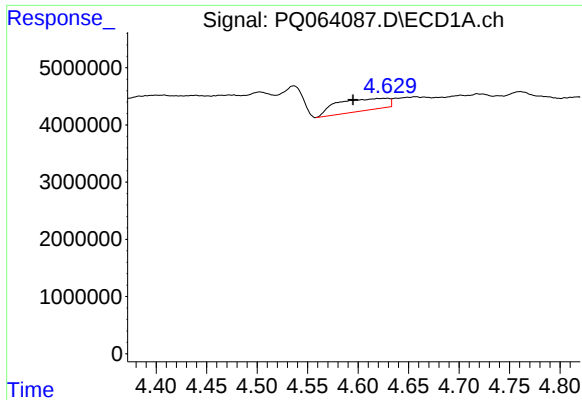
#16 AR-1242-1

R.T.: 4.536 min
Delta R.T.: -0.039 min
Response: 8285227
Conc: 73.53 ng/ml



#16 AR-1242-1

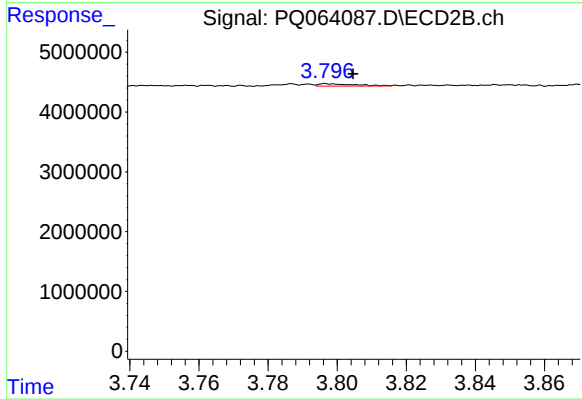
R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 162573
Conc: 1.58 ng/ml



#17 AR-1242-2

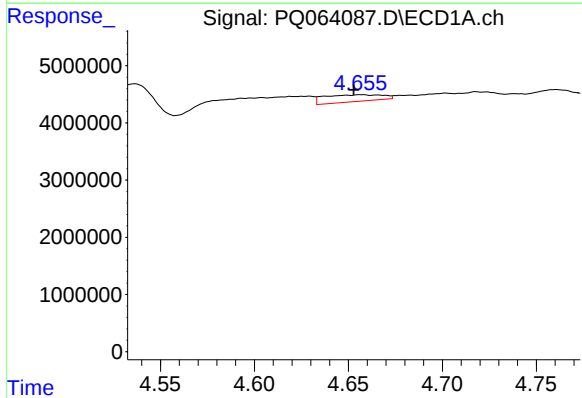
R.T.: 4.629 min
Delta R.T.: 0.034 min
Response: 7481880
Conc: 44.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



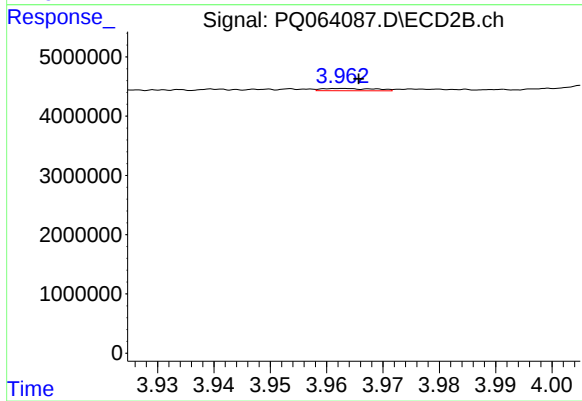
#17 AR-1242-2

R.T.: 3.797 min
Delta R.T.: -0.008 min
Response: 297638
Conc: 2.02 ng/ml



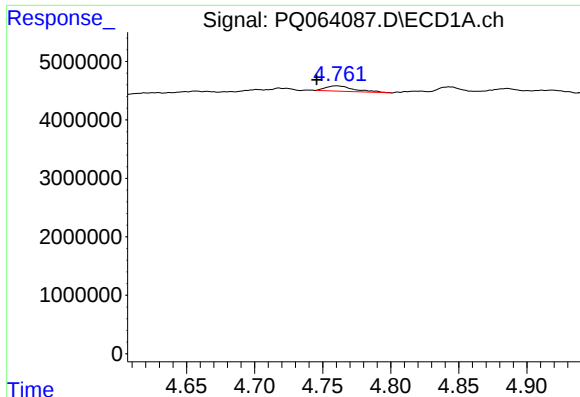
#18 AR-1242-3

R.T.: 4.657 min
Delta R.T.: 0.004 min
Response: 2568799
Conc: 24.34 ng/ml



#18 AR-1242-3

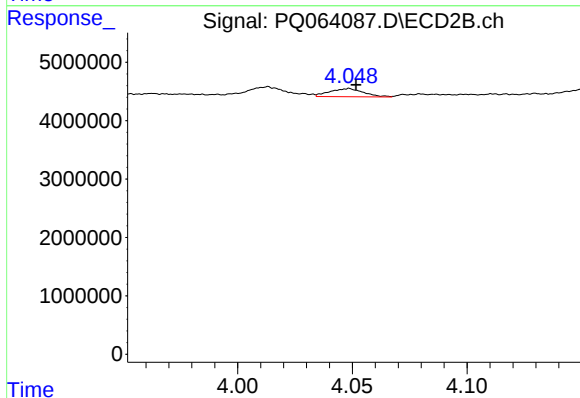
R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 248404
Conc: 3.12 ng/ml



#19 AR-1242-4

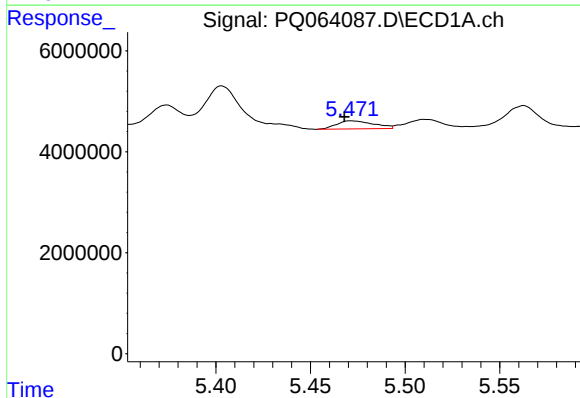
R.T.: 4.760 min
Delta R.T.: 0.015 min
Response: 1321328
Conc: 15.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



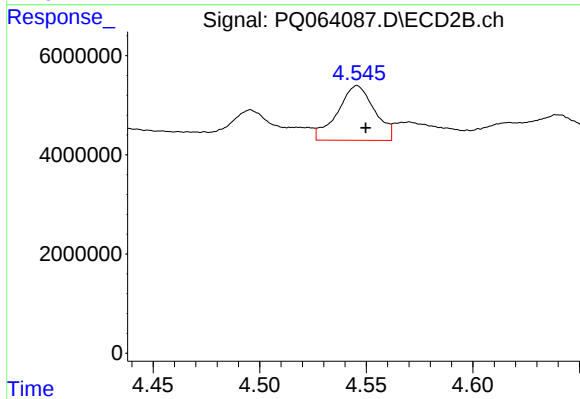
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 1455240
Conc: 19.18 ng/ml



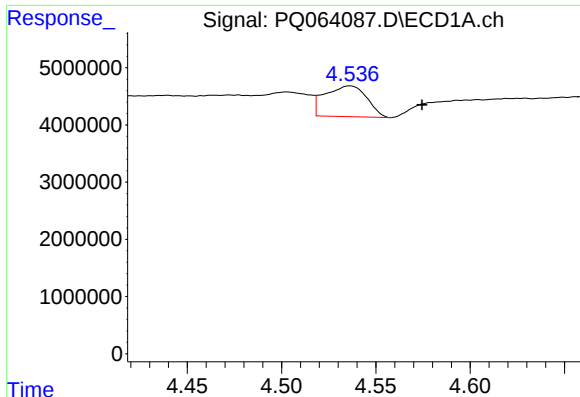
#20 AR-1242-5

R.T.: 5.471 min
Delta R.T.: 0.004 min
Response: 2204612
Conc: 24.93 ng/ml



#20 AR-1242-5

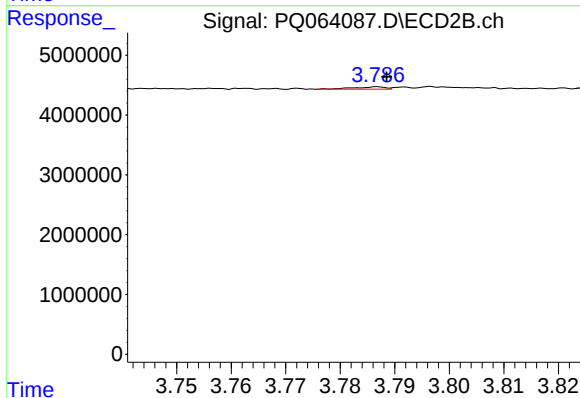
R.T.: 4.546 min
Delta R.T.: -0.004 min
Response: 13313236
Conc: 132.35 ng/ml



#21 AR-1248-1

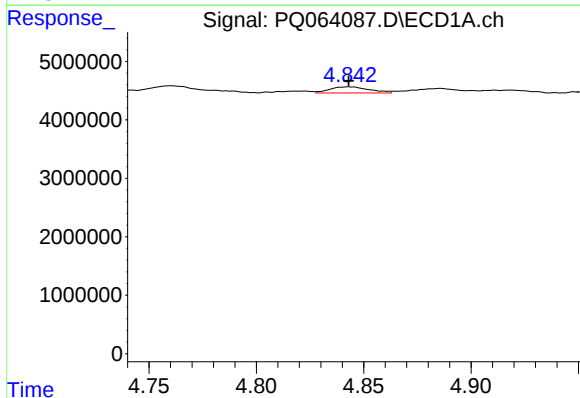
R.T.: 4.536 min
Delta R.T.: -0.038 min
Response: 8285227
Conc: 99.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



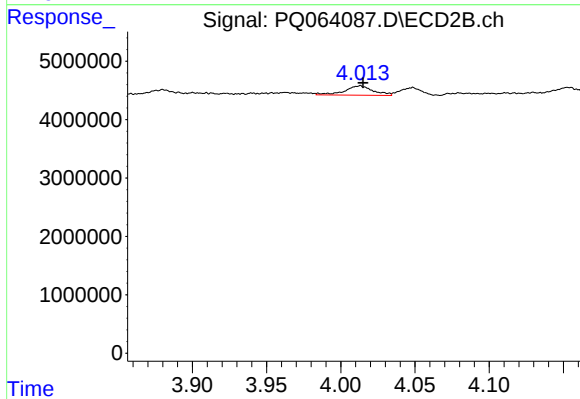
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 162573
Conc: 2.08 ng/ml



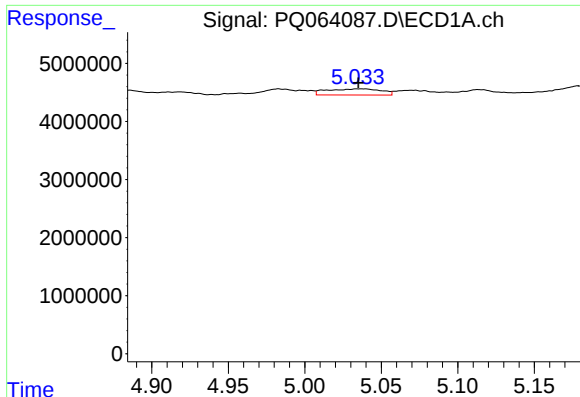
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 1321878
Conc: 10.89 ng/ml



#22 AR-1248-2

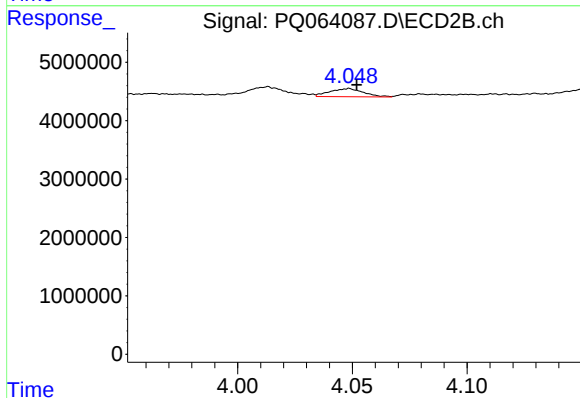
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 2186924
Conc: 18.45 ng/ml



#23 AR-1248-3

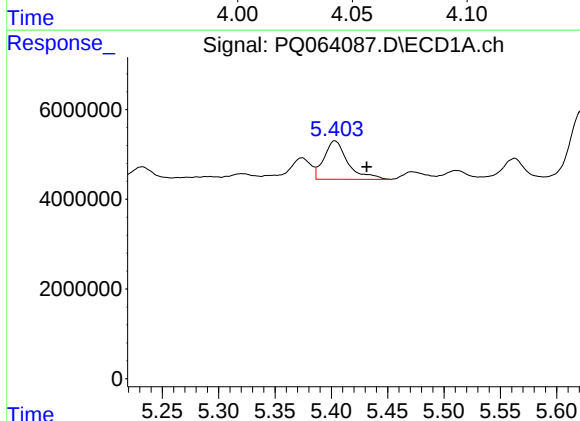
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 2605268
Conc: 17.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



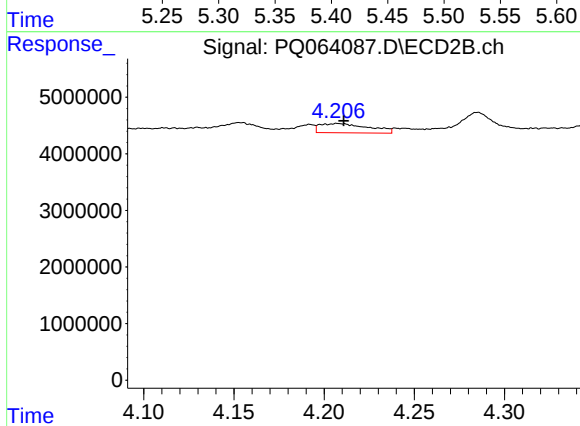
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 1455240
Conc: 12.92 ng/ml



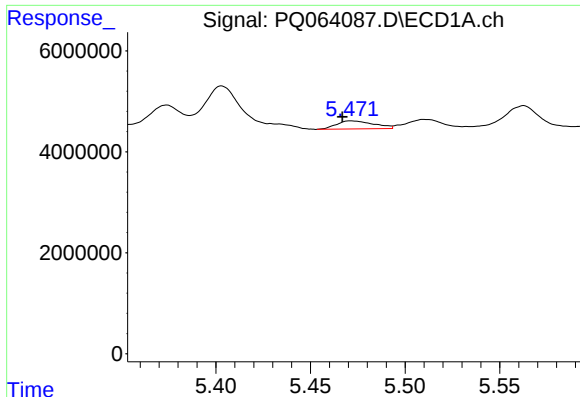
#24 AR-1248-4

R.T.: 5.403 min
Delta R.T.: -0.028 min
Response: 12630444
Conc: 81.50 ng/ml



#24 AR-1248-4

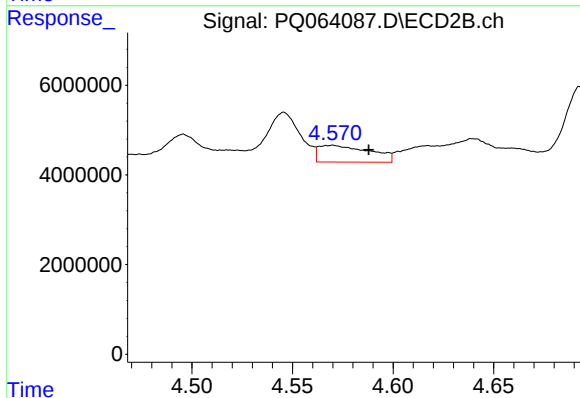
R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 3094883
Conc: 22.48 ng/ml



#25 AR-1248-5

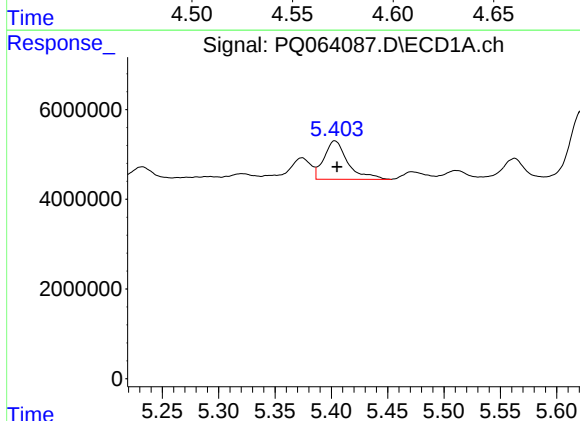
R.T.: 5.471 min
Delta R.T.: 0.005 min
Response: 2204612
Conc: 14.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



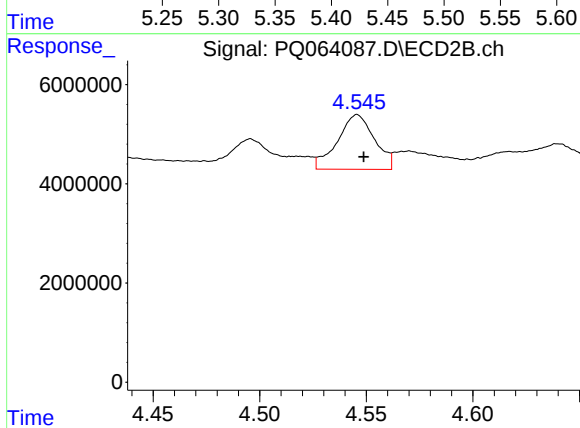
#25 AR-1248-5

R.T.: 4.570 min
Delta R.T.: -0.018 min
Response: 6661902
Conc: 49.62 ng/ml



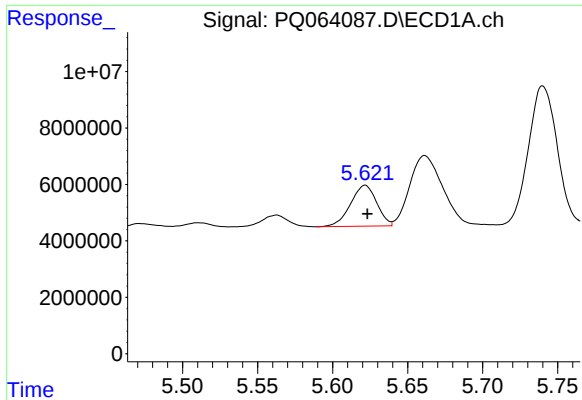
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 12630444
Conc: 80.47 ng/ml



#26 AR-1254-1

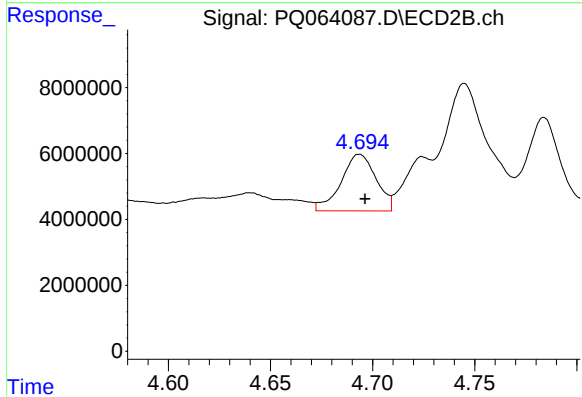
R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 13313236
Conc: 68.50 ng/ml



#27 AR-1254-2

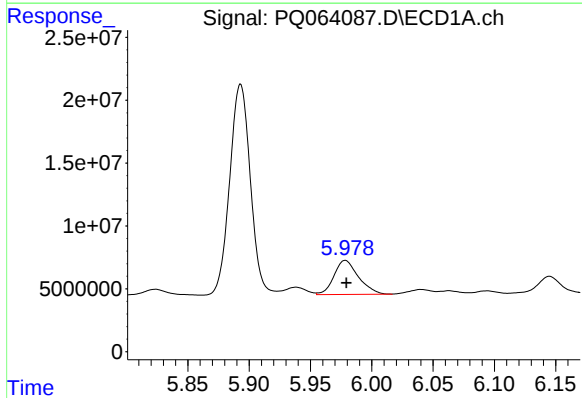
R.T.: 5.622 min
Delta R.T.: -0.001 min
Response: 17597361
Conc: 74.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



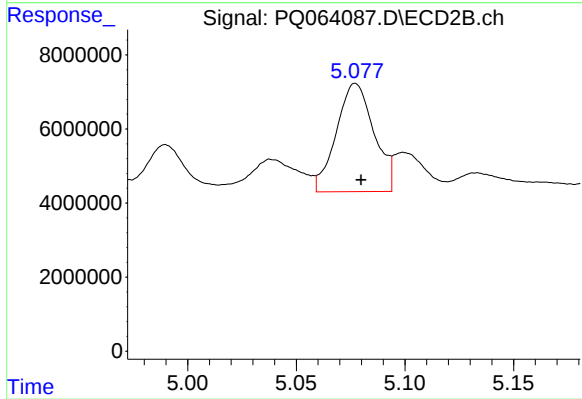
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 20512108
Conc: 117.75 ng/ml



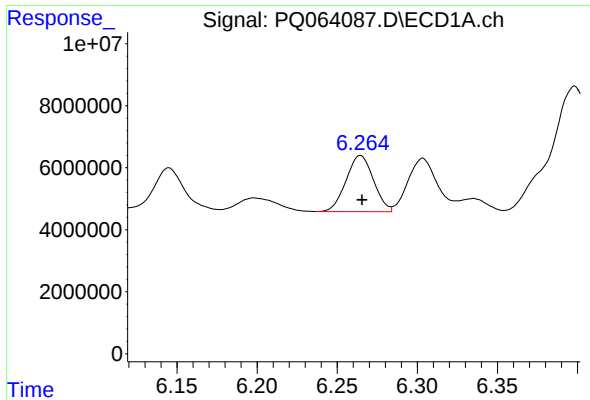
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 37594474
Conc: 151.63 ng/ml



#28 AR-1254-3

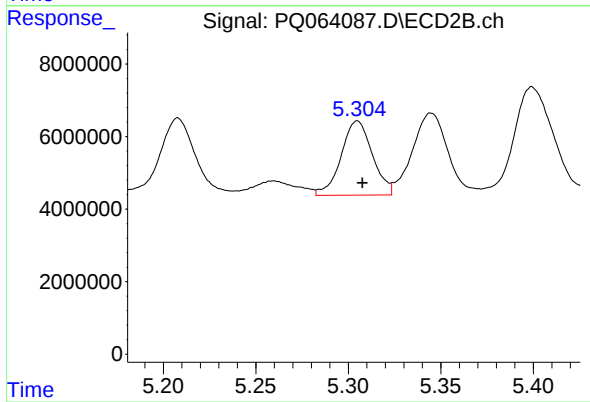
R.T.: 5.077 min
Delta R.T.: -0.003 min
Response: 35303866
Conc: 131.89 ng/ml



#29 AR-1254-4

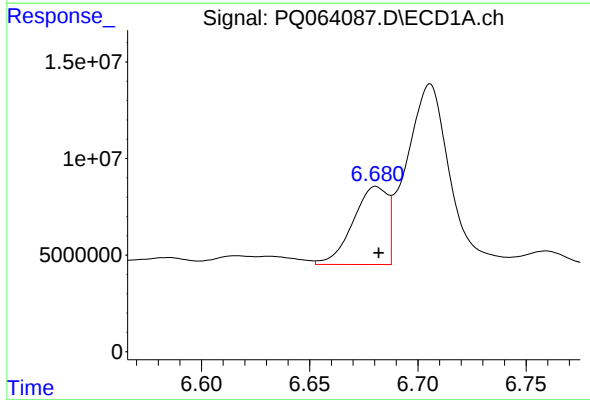
R.T.: 6.265 min
Delta R.T.: -0.001 min
Response: 21552251
Conc: 118.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



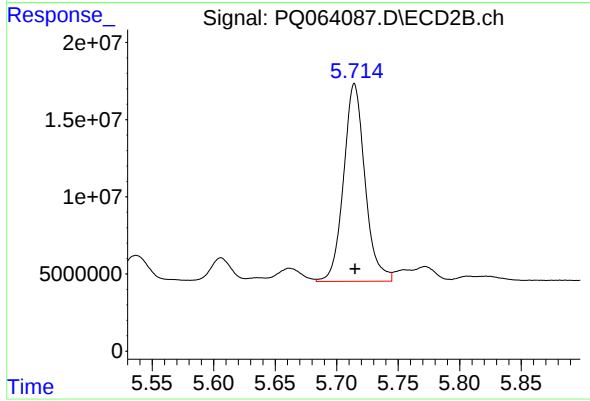
#29 AR-1254-4

R.T.: 5.305 min
Delta R.T.: -0.003 min
Response: 24062622
Conc: 137.16 ng/ml



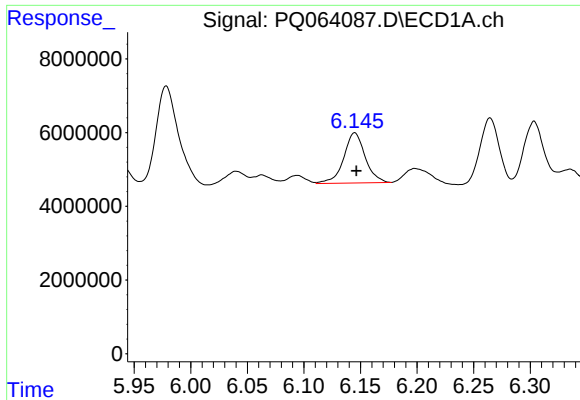
#30 AR-1254-5

R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 44826885
Conc: 224.74 ng/ml



#30 AR-1254-5

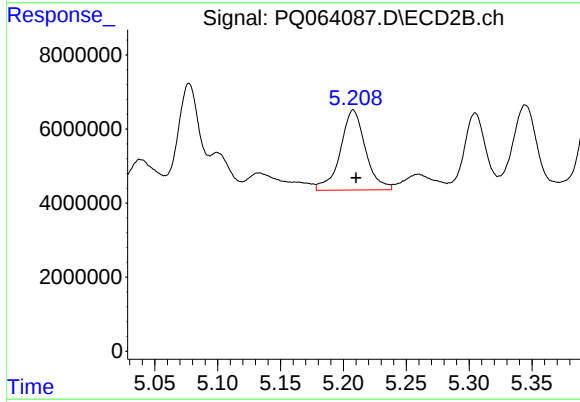
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 155095478
Conc: 608.36 ng/ml



#31 AR-1260-1

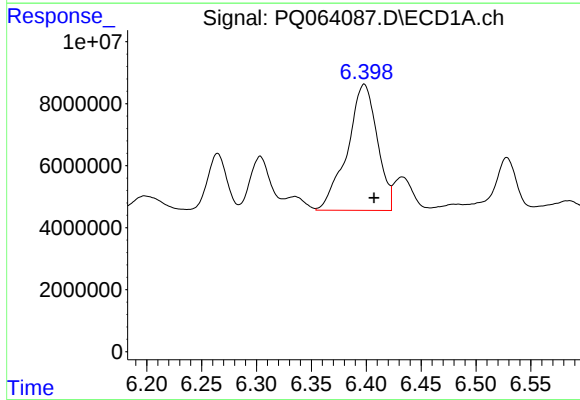
R.T.: 6.145 min
Delta R.T.: -0.001 min
Response: 17982682
Conc: 87.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



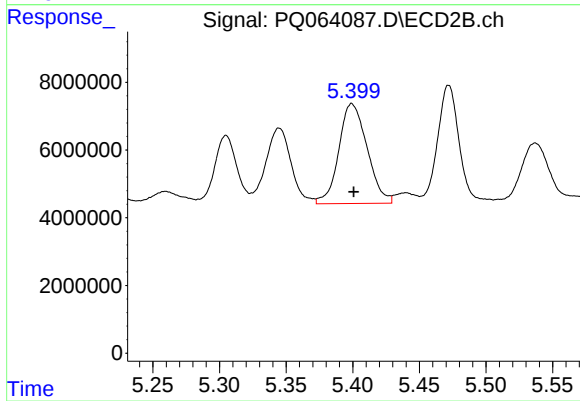
#31 AR-1260-1

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 30062360
Conc: 151.99 ng/ml



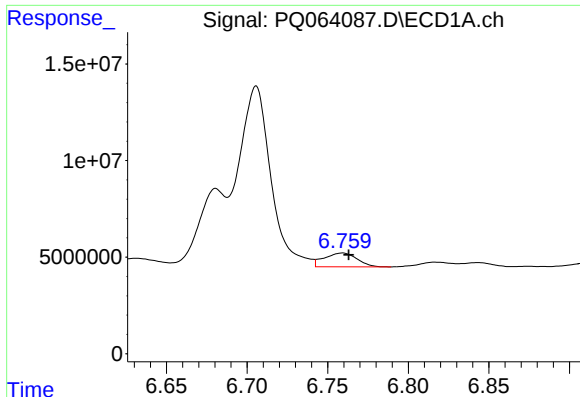
#32 AR-1260-2

R.T.: 6.398 min
Delta R.T.: -0.009 min
Response: 77136523
Conc: 319.32 ng/ml



#32 AR-1260-2

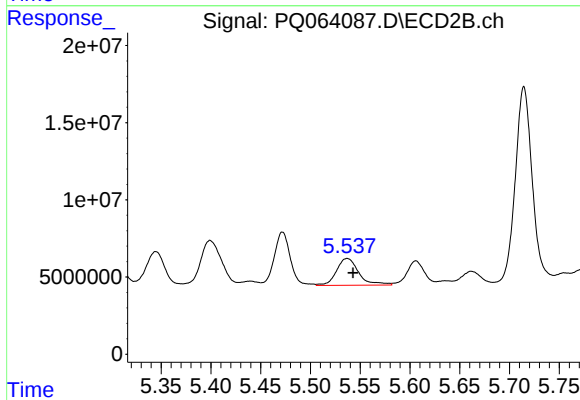
R.T.: 5.399 min
Delta R.T.: -0.002 min
Response: 43670577
Conc: 182.93 ng/ml



#33 AR-1260-3

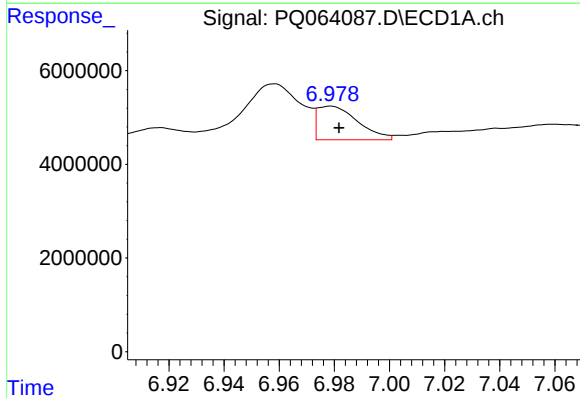
R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 10062965
Conc: 62.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



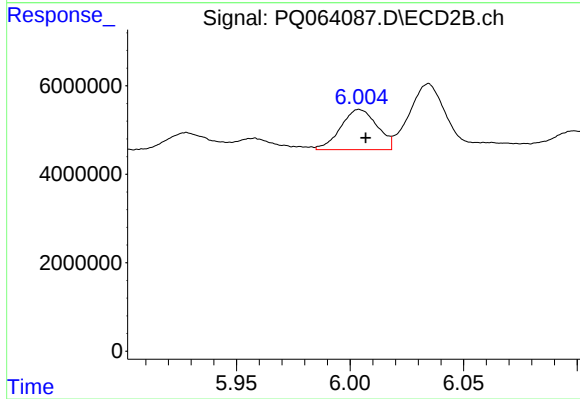
#33 AR-1260-3

R.T.: 5.537 min
Delta R.T.: -0.006 min
Response: 27169320
Conc: 120.28 ng/ml



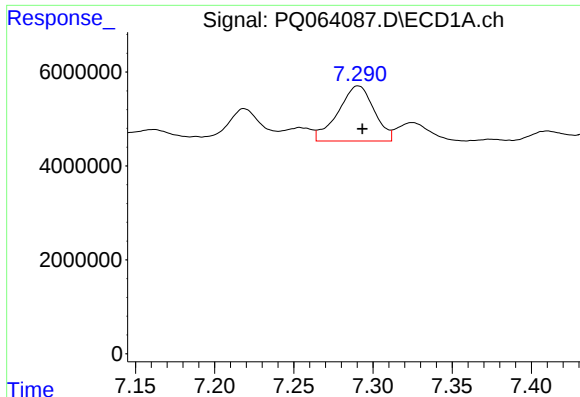
#34 AR-1260-4

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 7295952
Conc: 39.55 ng/ml



#34 AR-1260-4

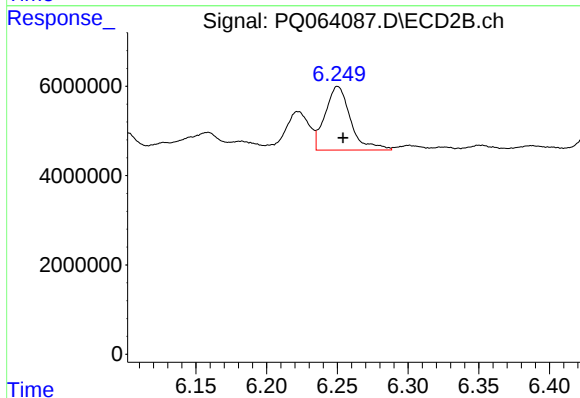
R.T.: 6.004 min
Delta R.T.: -0.003 min
Response: 10158198
Conc: 59.04 ng/ml



#35 AR-1260-5

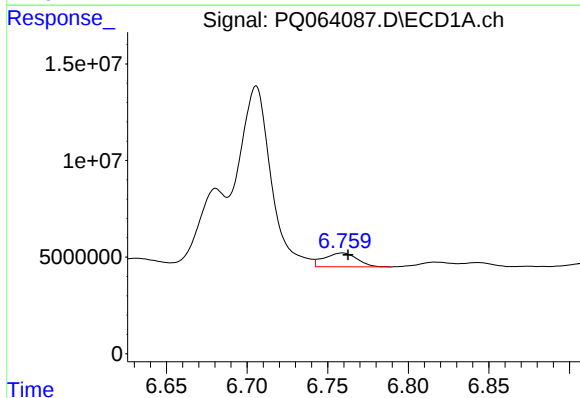
R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 18618313
Conc: 52.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



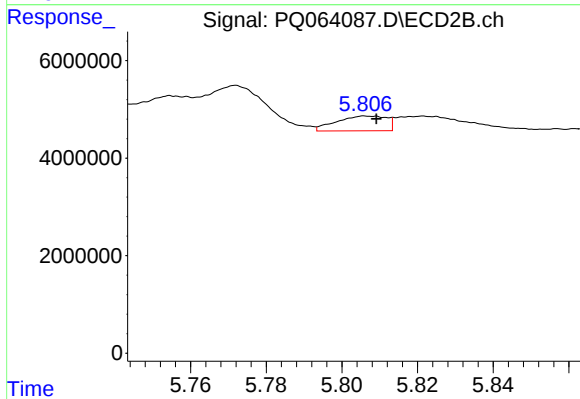
#35 AR-1260-5

R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 17856545
Conc: 44.75 ng/ml



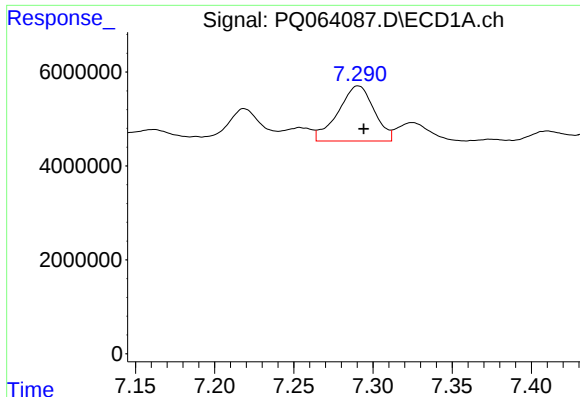
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 10062965
Conc: 38.51 ng/ml



#36 AR-1262-1

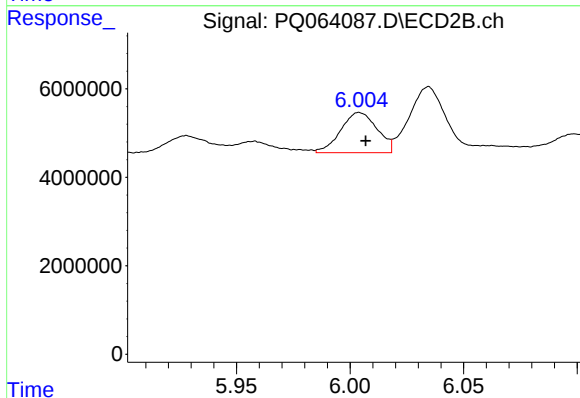
R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 2789677
Conc: 25.48 ng/ml



#37 AR-1262-2

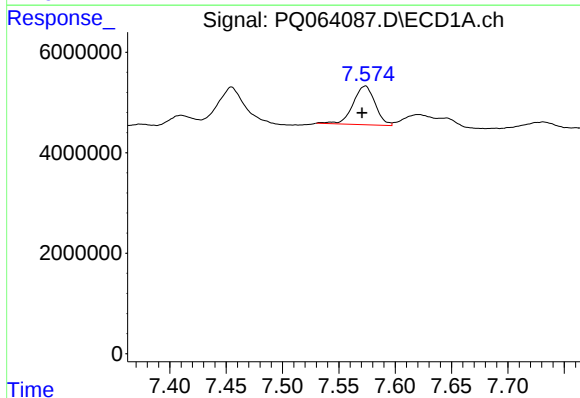
R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 18618313
Conc: 43.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



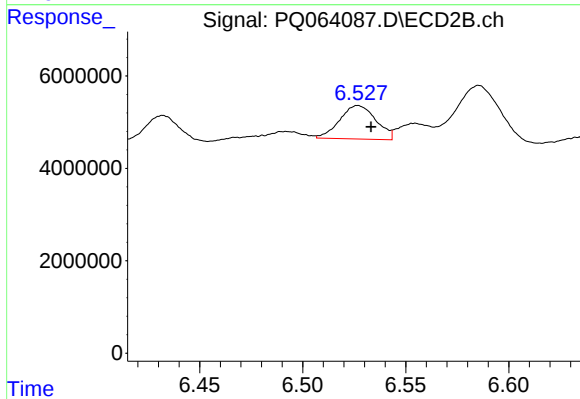
#37 AR-1262-2

R.T.: 6.004 min
Delta R.T.: -0.003 min
Response: 10158198
Conc: 41.12 ng/ml



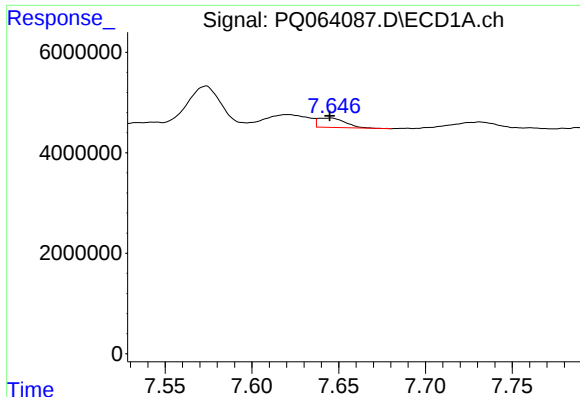
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.003 min
Response: 10561957
Conc: 36.86 ng/ml



#38 AR-1262-3

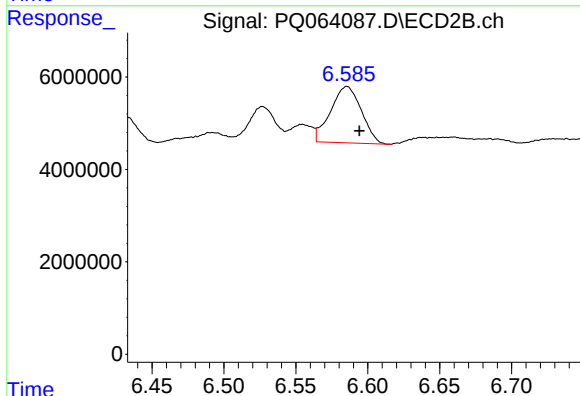
R.T.: 6.527 min
Delta R.T.: -0.006 min
Response: 8843285
Conc: 43.65 ng/ml



#39 AR-1262-4

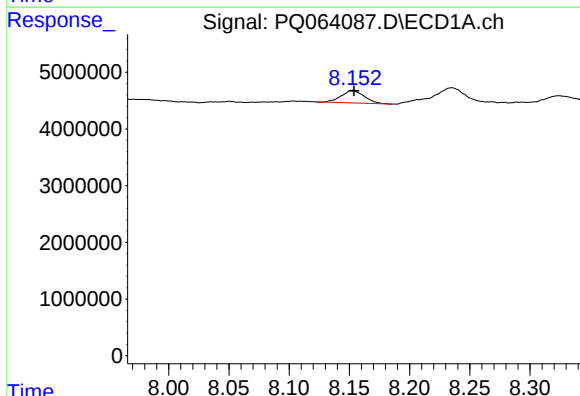
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 2055978
Conc: 8.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



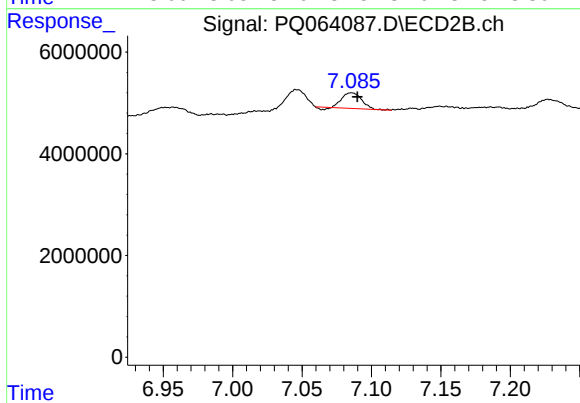
#39 AR-1262-4

R.T.: 6.585 min
Delta R.T.: -0.009 min
Response: 18177181
Conc: 48.78 ng/ml



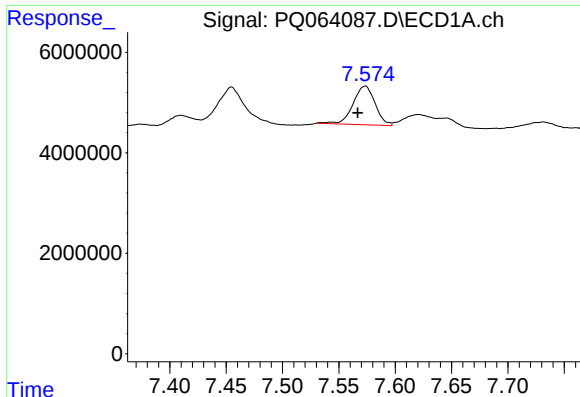
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 2923714
Conc: 20.52 ng/ml



#40 AR-1262-5

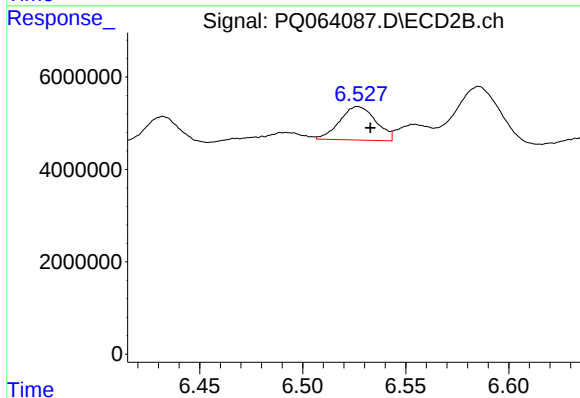
R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 2888672
Conc: 15.98 ng/ml



#41 AR-1268-1

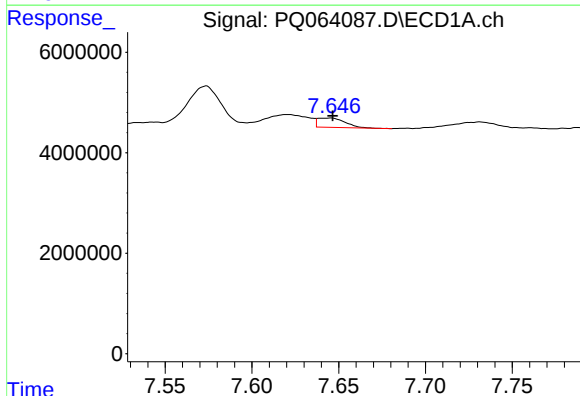
R.T.: 7.573 min
Delta R.T.: 0.007 min
Response: 10561957
Conc: 21.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



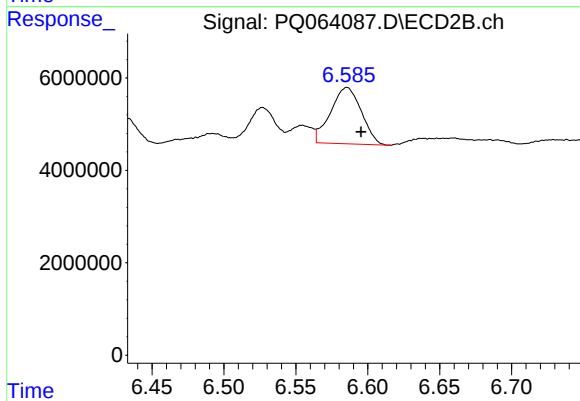
#41 AR-1268-1

R.T.: 6.527 min
Delta R.T.: -0.006 min
Response: 8843285
Conc: 15.41 ng/ml



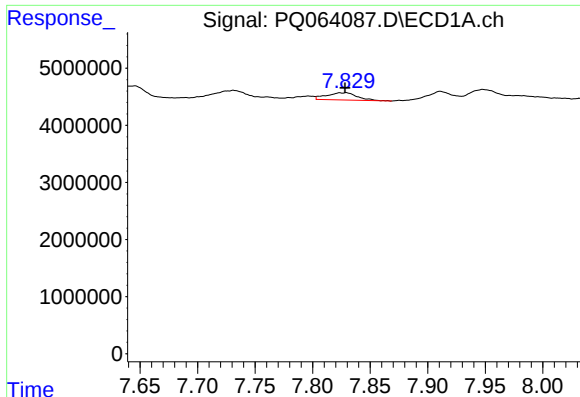
#42 AR-1268-2

R.T.: 7.645 min
Delta R.T.: -0.001 min
Response: 2055978
Conc: 4.59 ng/ml



#42 AR-1268-2

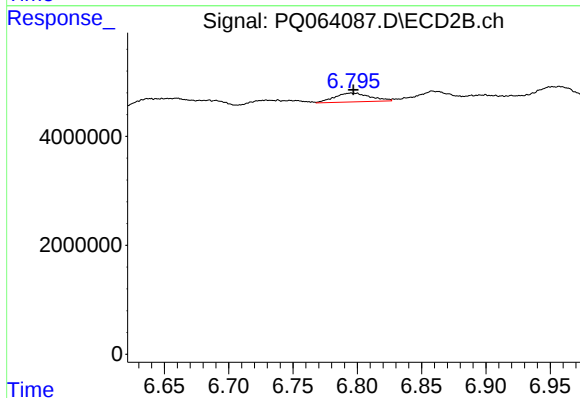
R.T.: 6.585 min
Delta R.T.: -0.010 min
Response: 18177181
Conc: 35.02 ng/ml



#43 AR-1268-3

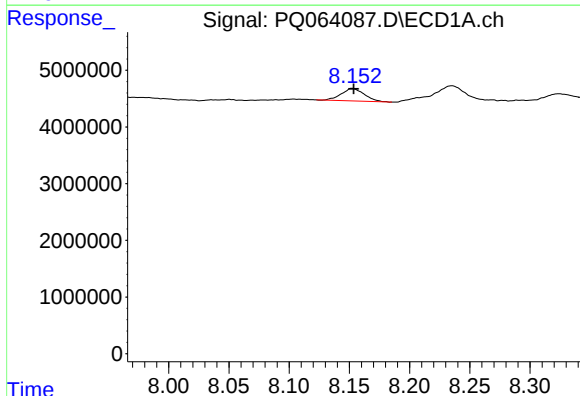
R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 2321901
Conc: 5.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



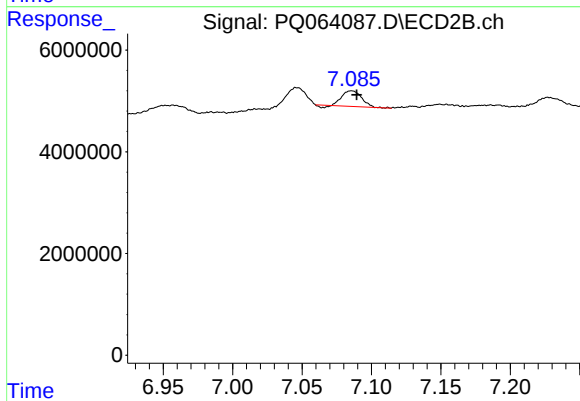
#43 AR-1268-3

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 3176523
Conc: 6.85 ng/ml



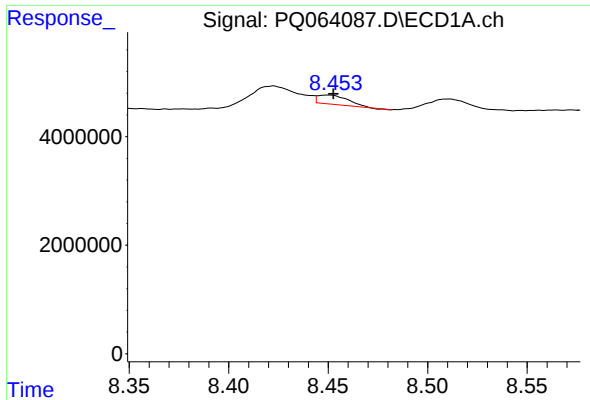
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: -0.001 min
Response: 2923714
Conc: 18.70 ng/ml



#44 AR-1268-4

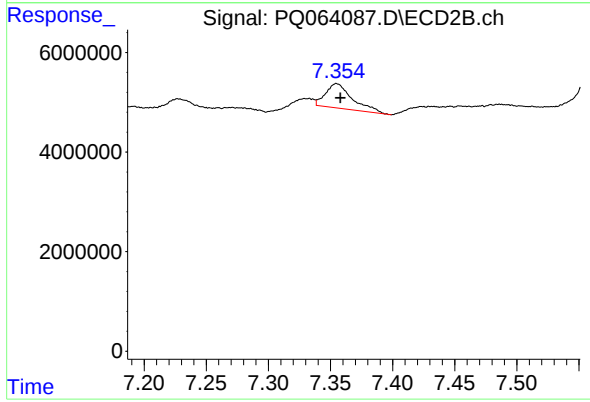
R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 2888672
Conc: 14.79 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 1777944
Conc: 1.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 7399360
Conc: 4.83 ng/ml