

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
 Data File : PQ071400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 00:55
 Operator : YP\AJ
 Sample : Q3672-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 03:52:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.411	2.855	180.8E6	233.5E6	20.769	25.004
2)	SA Decachlor...	8.534	7.655	86138940	156.5E6	13.757	17.122
Target Compounds							
3)	L1 AR-1016-1	4.497	3.869	6223747	12198148	18.828	33.685 #
4)	L1 AR-1016-2	4.515	3.886	17933774	24811328	37.706	50.513 #
5)	L1 AR-1016-3	4.577	4.047	5287971	12814832	17.718	46.098 #
6)	L1 AR-1016-4	4.660	4.096	3370445	26383904	13.726	117.655 #
7)	L1 AR-1016-5	4.949	4.293	12910793	26663137	54.611	95.715 #
8)	L2 AR-1221-1	3.620	3.049	2778409	1867626	25.611	16.251 #
9)	L2 AR-1221-2	3.712	3.128	803165	4024602	10.124	47.182 #
10)	L2 AR-1221-3	3.775	3.205	2201833	2440311	9.038	9.438
11)	L3 AR-1232-1	3.775	3.205	2201833	2440311	11.155	11.509
12)	L3 AR-1232-2	4.241	3.886	1548189	24811328	15.109	114.549 #
13)	L3 AR-1232-3	4.515	4.047	17933774	12814832	86.558	107.794
14)	L3 AR-1232-4	4.660	4.133	3370445	29052897	32.460	309.418 #
15)	L3 AR-1232-5	4.801	4.293	18856172	26663137	223.221	246.713
16)	L4 AR-1242-1	4.497	3.869	6223747	12198148	23.870	42.133 #
17)	L4 AR-1242-2	4.515	3.886	17933774	24811328	47.098	61.592 #
18)	L4 AR-1242-3	4.577	4.047	5287971	12814832	21.739	54.789 #
19)	L4 AR-1242-4	4.660	4.133	3370445	29052897	17.345	145.389 #
20)	L4 AR-1242-5	5.337	4.633	33073930	60075821	165.551	228.178 #
21)	L5 AR-1248-1	4.497	3.869	6223747	12198148	32.672	57.302 #
22)	L5 AR-1248-2	4.761	4.096	15816485	26383904	65.012	92.895 #
23)	L5 AR-1248-3	4.949	4.133	12910793	29052897	43.940	103.719 #
24)	L5 AR-1248-4	5.310	4.293	31870023	26663137	121.235	76.976 #
25)	L5 AR-1248-5	5.337	4.671	33073930	60695332	97.752	174.093 #
26)	L6 AR-1254-1	5.310	4.633	31870023	60075821	91.749	112.109
27)	L6 AR-1254-2	5.525	4.780	57011130	50422906	105.221	109.906
28)	L6 AR-1254-3	5.877	5.164	60415679	78225869	104.919	103.024
29)	L6 AR-1254-4	6.158	5.391	67339292	94351607	159.387	188.772
30)	L6 AR-1254-5	6.568	5.797	312.2E6	411.9E6	679.335	595.095
31)	L7 AR-1260-1	6.042	5.294	94991906	140.1E6	212.274	280.722 #
32)	L7 AR-1260-2	6.299	5.484	245.6E6	309.6E6	480.726	510.534
33)	L7 AR-1260-3	6.651	5.627	154.3E6	162.8E6	403.235	275.323 #
34)	L7 AR-1260-4	6.866	6.090	138.0E6	177.6E6	330.037	358.534
35)	L7 AR-1260-5	7.174	6.335	243.8E6	406.5E6	292.982	354.025
36)	L8 AR-1262-1	6.866	5.841	138.0E6	232.4E6	295.734	363.385
37)	L8 AR-1262-2	7.174	6.090	243.8E6	177.6E6	286.751	298.836
38)	L8 AR-1262-3	7.448	6.615	192.3E6	127.1E6	342.811	266.145
39)	L8 AR-1262-4	7.522	6.673	63732414	384.4E6	145.419	429.778 #
40)	L8 AR-1262-5	8.020	7.167	67555989	119.9E6	237.893	279.867
41)	L9 AR-1268-1	7.448	6.615	192.3E6	127.1E6	188.363	88.279 #

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 Data File : PQ071400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 00:55
 Operator : YP\AJ
 Sample : Q3672-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

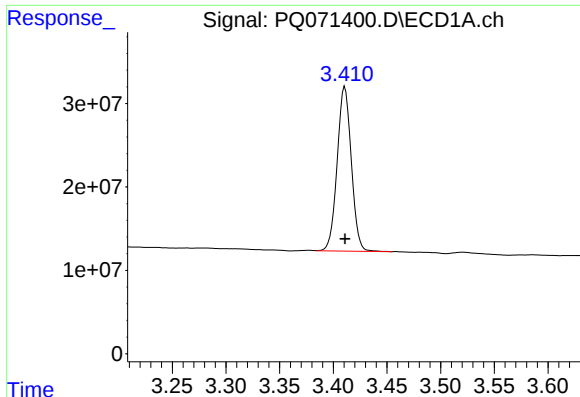
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 03:52:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
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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	7.522	6.673	63732414	384.4E6	67.317	285.203 #
43) L9	AR-1268-3	7.705	6.878	10762555	20174968	13.835	17.763 #
44) L9	AR-1268-4	8.020	7.167	67555989	119.9E6	199.675	236.380
45) L9	AR-1268-5	8.306	7.436	22784662	61599955	9.929	17.394 #

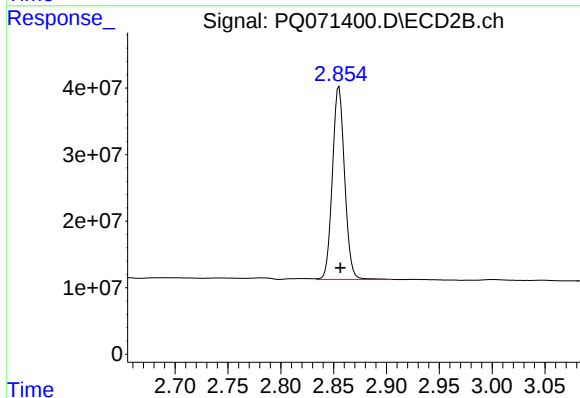
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

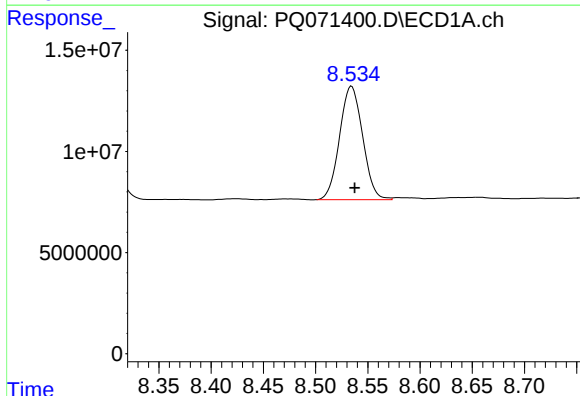
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 180800960
Conc: 20.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



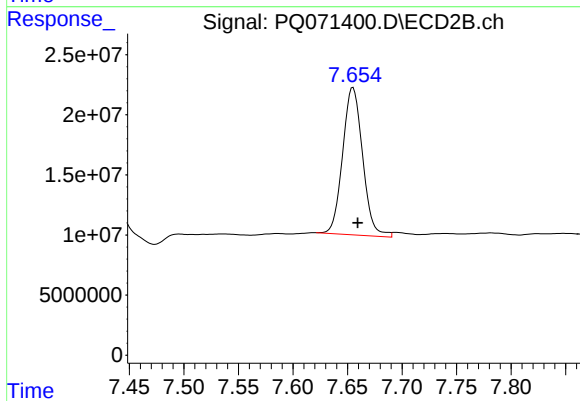
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 233455193
Conc: 25.00 ng/ml



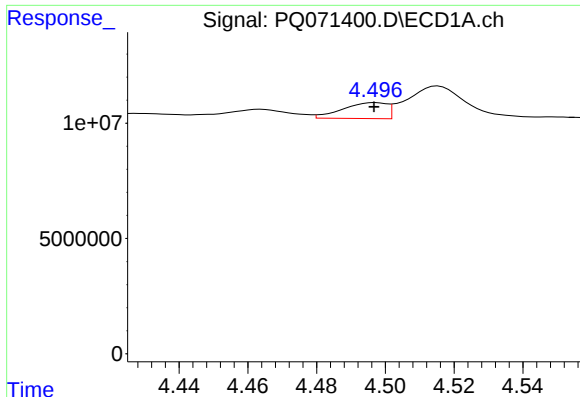
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 86138940
Conc: 13.76 ng/ml



#2 Decachlorobiphenyl

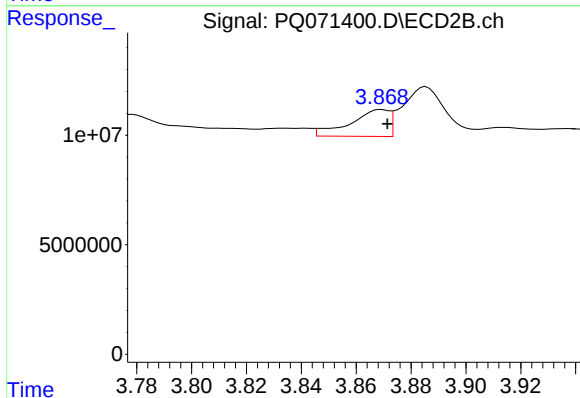
R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 156454062
Conc: 17.12 ng/ml



#3 AR-1016-1

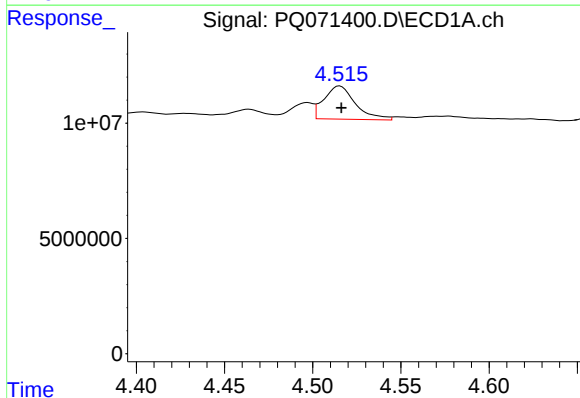
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 6223747
Conc: 18.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



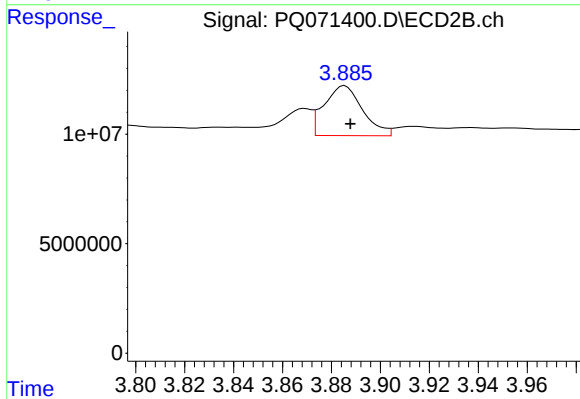
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 12198148
Conc: 33.69 ng/ml



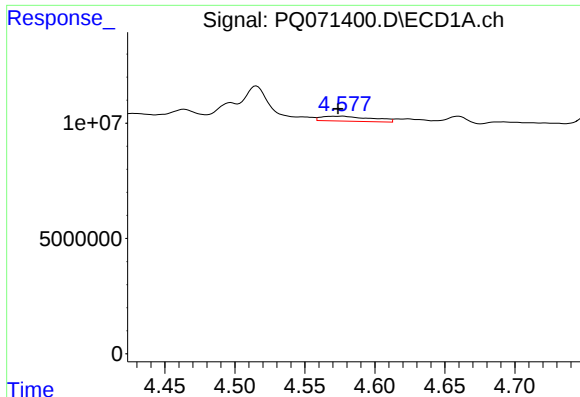
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 17933774
Conc: 37.71 ng/ml



#4 AR-1016-2

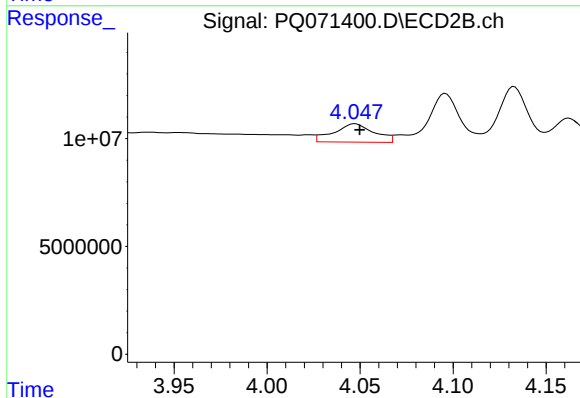
R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 24811328
Conc: 50.51 ng/ml



#5 AR-1016-3

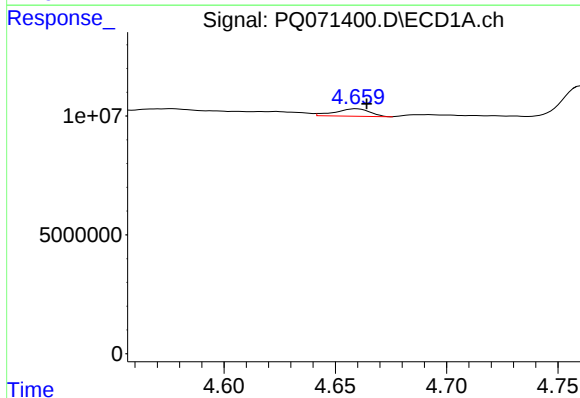
R.T.: 4.577 min
Delta R.T.: 0.003 min
Response: 5287971
Conc: 17.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



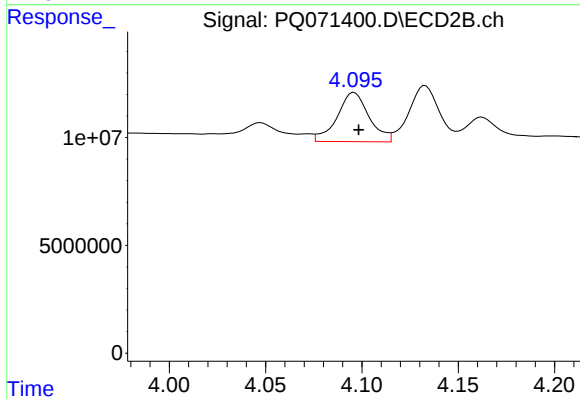
#5 AR-1016-3

R.T.: 4.047 min
Delta R.T.: -0.002 min
Response: 12814832
Conc: 46.10 ng/ml



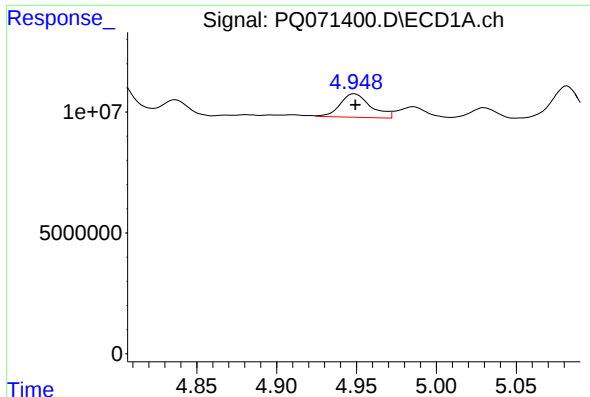
#6 AR-1016-4

R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 3370445
Conc: 13.73 ng/ml



#6 AR-1016-4

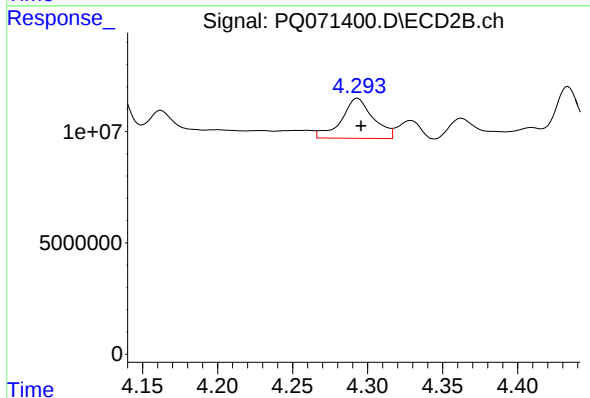
R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 26383904
Conc: 117.65 ng/ml



#7 AR-1016-5

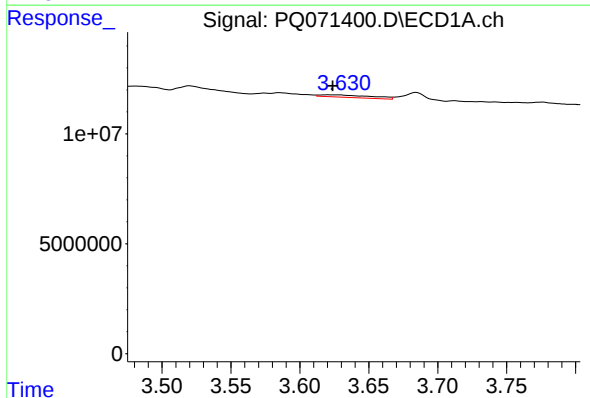
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 12910793
Conc: 54.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



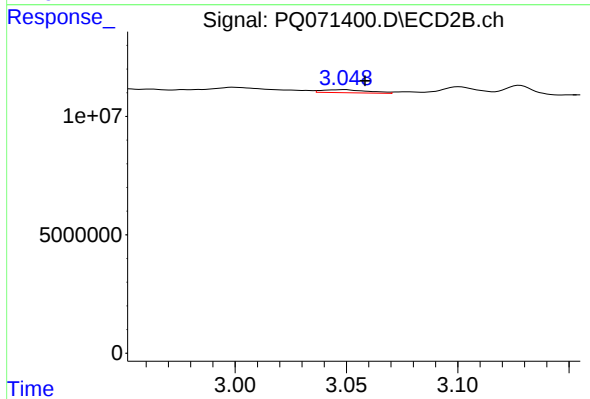
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 26663137
Conc: 95.71 ng/ml



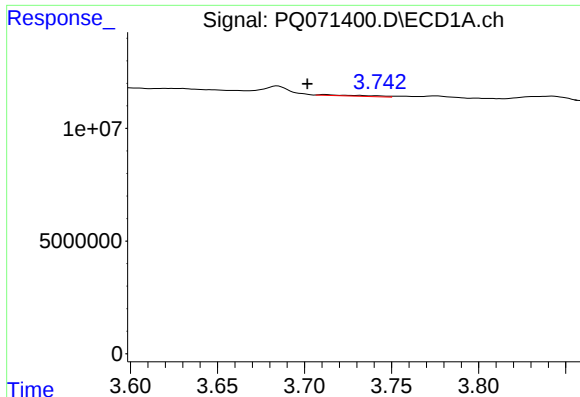
#8 AR-1221-1

R.T.: 3.620 min
Delta R.T.: -0.003 min
Response: 2778409
Conc: 25.61 ng/ml



#8 AR-1221-1

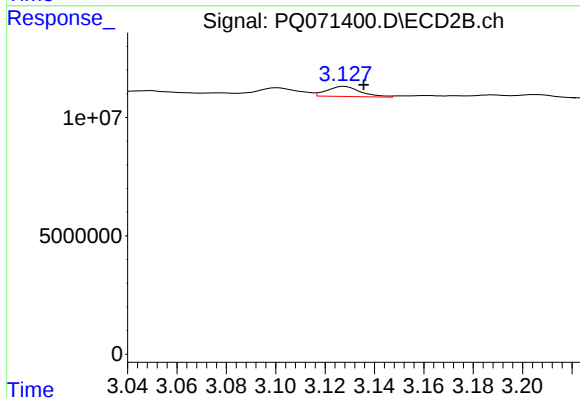
R.T.: 3.049 min
Delta R.T.: -0.009 min
Response: 1867626
Conc: 16.25 ng/ml



#9 AR-1221-2

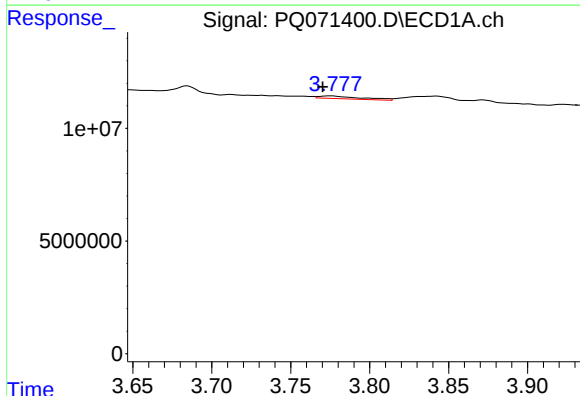
R.T.: 3.712 min
Delta R.T.: 0.010 min
Response: 803165
Conc: 10.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



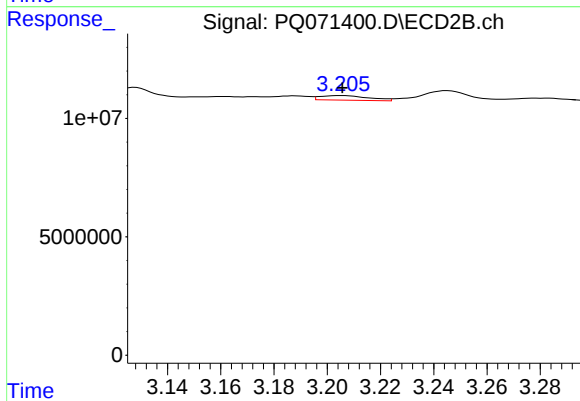
#9 AR-1221-2

R.T.: 3.128 min
Delta R.T.: -0.008 min
Response: 4024602
Conc: 47.18 ng/ml



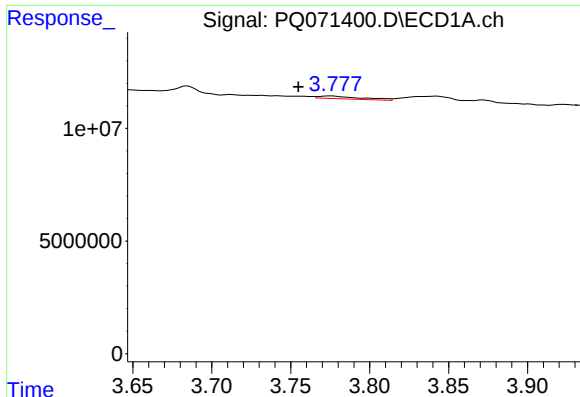
#10 AR-1221-3

R.T.: 3.775 min
Delta R.T.: 0.005 min
Response: 2201833
Conc: 9.04 ng/ml



#10 AR-1221-3

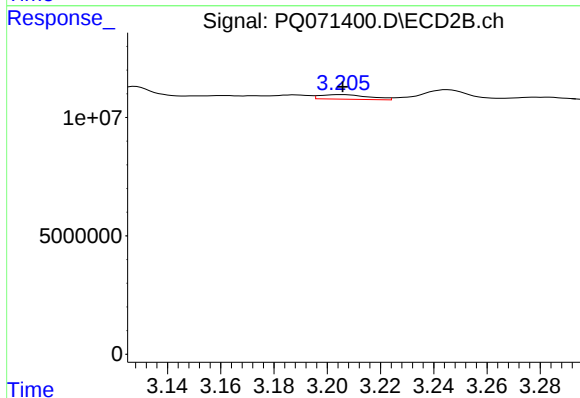
R.T.: 3.205 min
Delta R.T.: 0.000 min
Response: 2440311
Conc: 9.44 ng/ml



#11 AR-1232-1

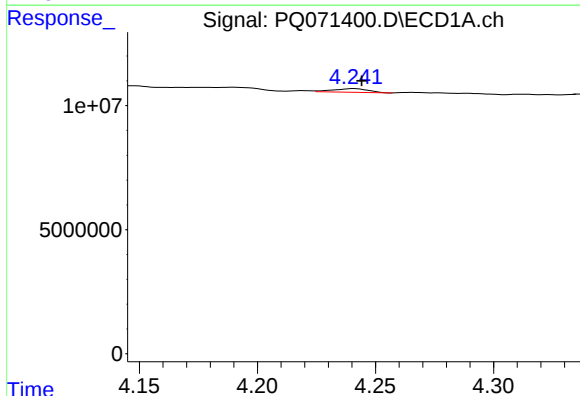
R.T.: 3.775 min
Delta R.T.: 0.021 min
Response: 2201833
Conc: 11.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



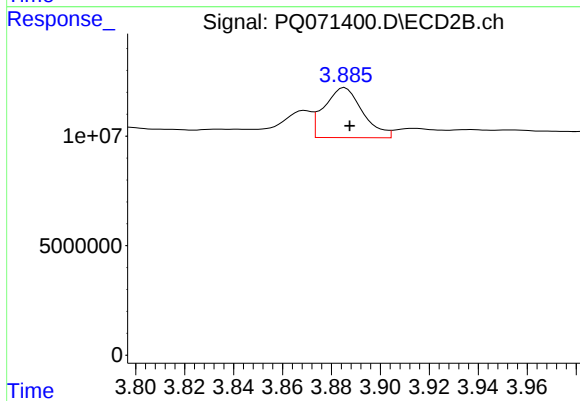
#11 AR-1232-1

R.T.: 3.205 min
Delta R.T.: 0.000 min
Response: 2440311
Conc: 11.51 ng/ml



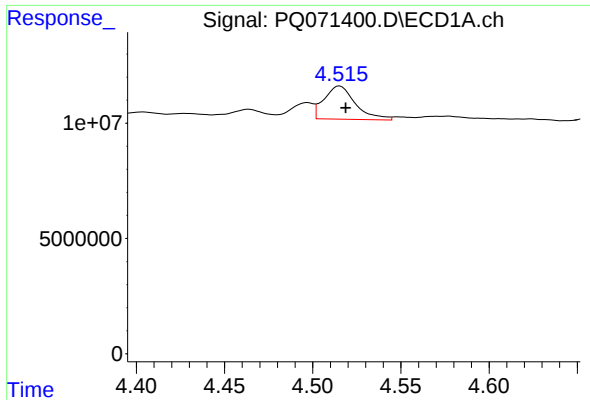
#12 AR-1232-2

R.T.: 4.241 min
Delta R.T.: -0.003 min
Response: 1548189
Conc: 15.11 ng/ml



#12 AR-1232-2

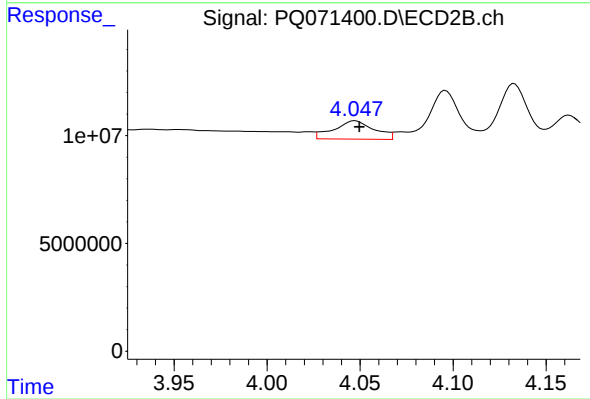
R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 24811328
Conc: 114.55 ng/ml



#13 AR-1232-3

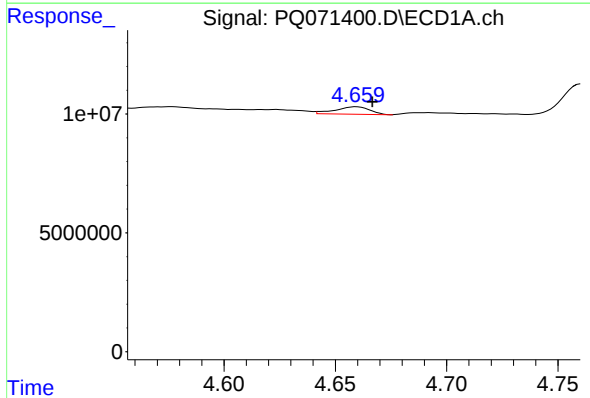
R.T.: 4.515 min
Delta R.T.: -0.003 min
Response: 17933774
Conc: 86.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



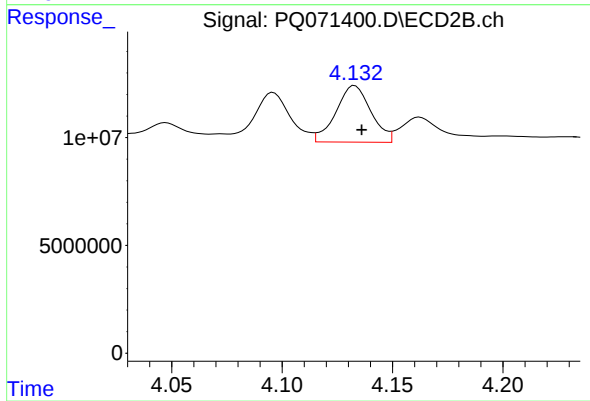
#13 AR-1232-3

R.T.: 4.047 min
Delta R.T.: -0.002 min
Response: 12814832
Conc: 107.79 ng/ml



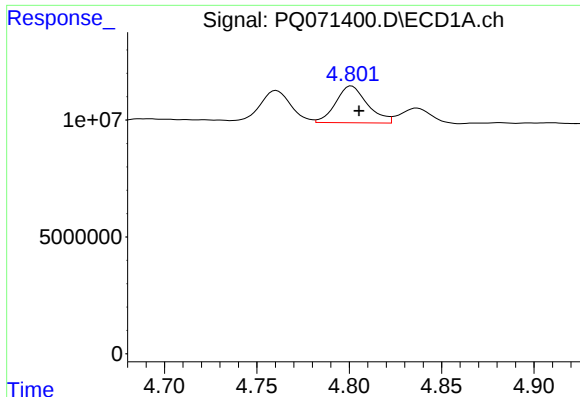
#14 AR-1232-4

R.T.: 4.660 min
Delta R.T.: -0.007 min
Response: 3370445
Conc: 32.46 ng/ml



#14 AR-1232-4

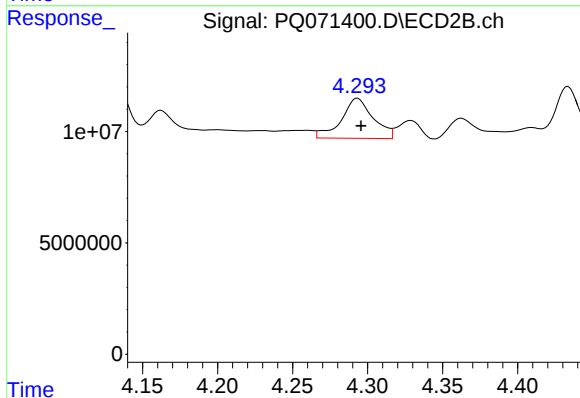
R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 29052897
Conc: 309.42 ng/ml



#15 AR-1232-5

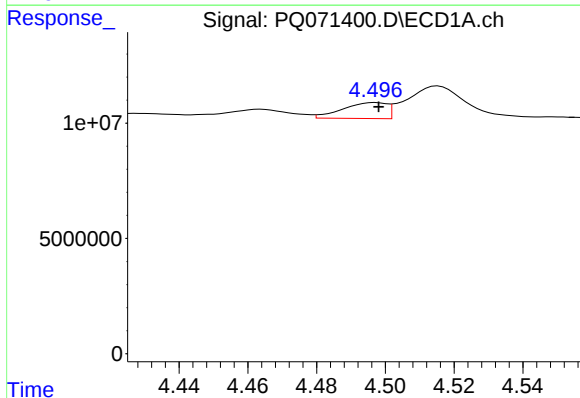
R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: 18856172
Conc: 223.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



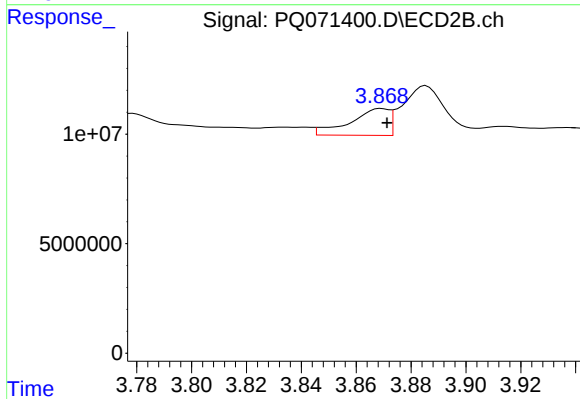
#15 AR-1232-5

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 26663137
Conc: 246.71 ng/ml



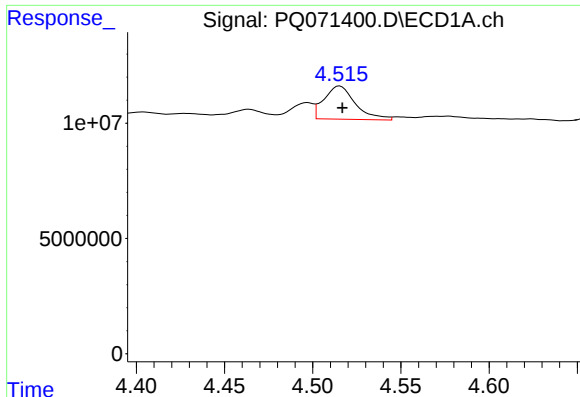
#16 AR-1242-1

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 6223747
Conc: 23.87 ng/ml



#16 AR-1242-1

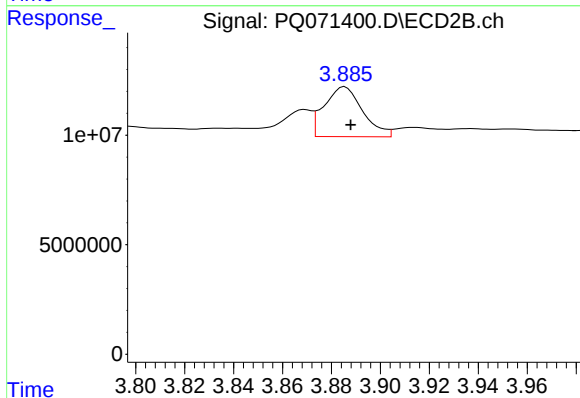
R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 12198148
Conc: 42.13 ng/ml



#17 AR-1242-2

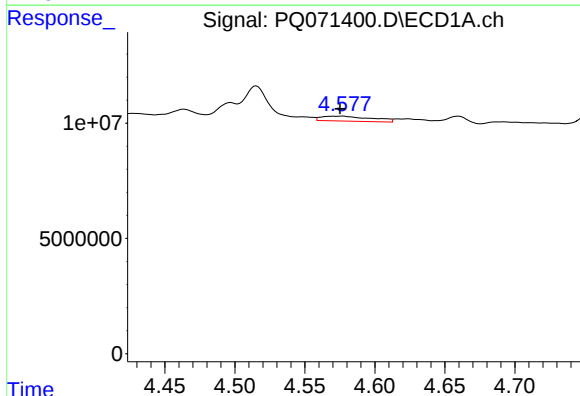
R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 17933774
Conc: 47.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



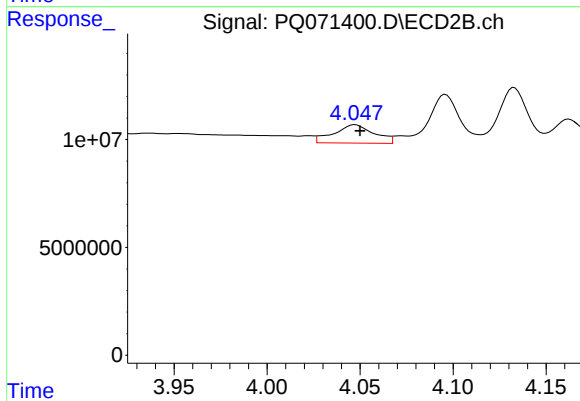
#17 AR-1242-2

R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 24811328
Conc: 61.59 ng/ml



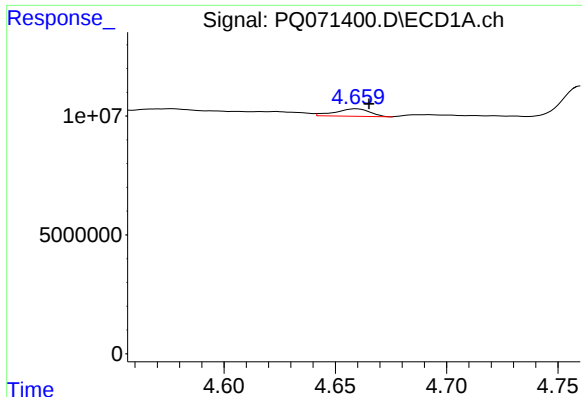
#18 AR-1242-3

R.T.: 4.577 min
Delta R.T.: 0.001 min
Response: 5287971
Conc: 21.74 ng/ml



#18 AR-1242-3

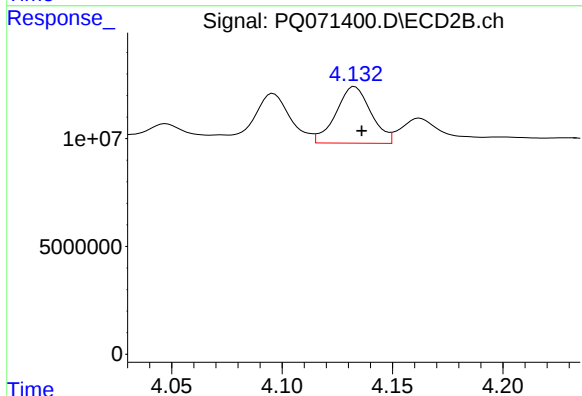
R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 12814832
Conc: 54.79 ng/ml



#19 AR-1242-4

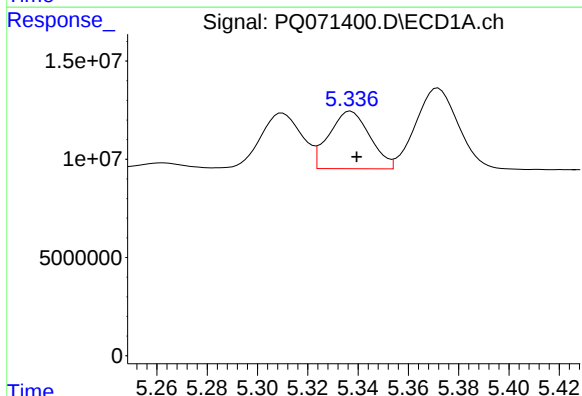
R.T.: 4.660 min
Delta R.T.: -0.006 min
Response: 3370445
Conc: 17.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



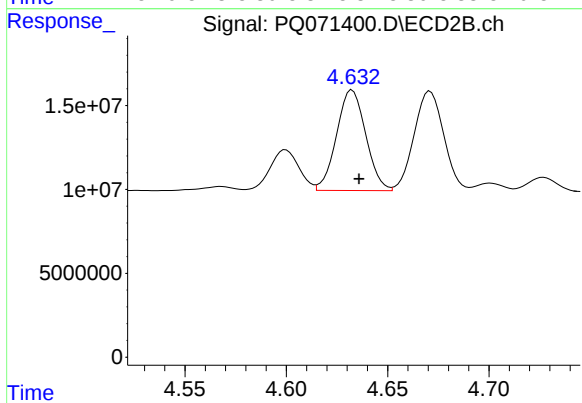
#19 AR-1242-4

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 29052897
Conc: 145.39 ng/ml



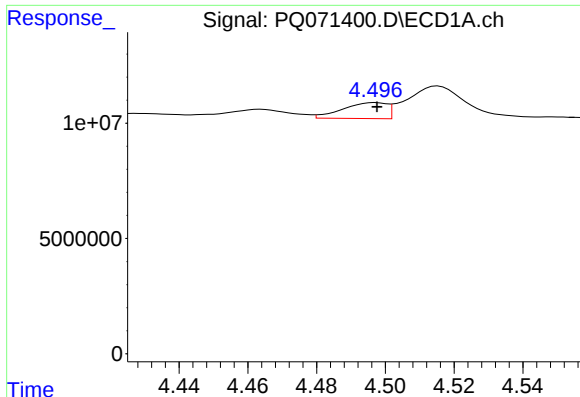
#20 AR-1242-5

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 33073930
Conc: 165.55 ng/ml



#20 AR-1242-5

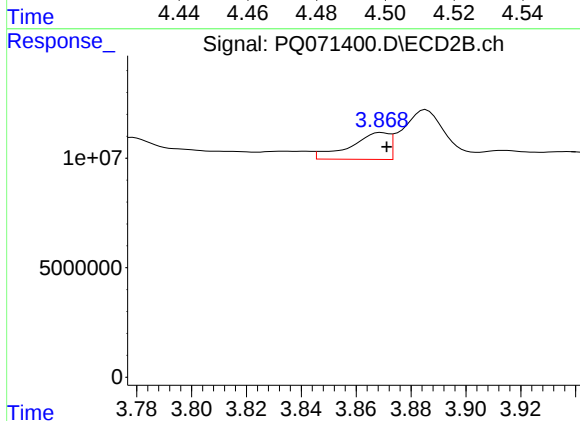
R.T.: 4.633 min
Delta R.T.: -0.003 min
Response: 60075821
Conc: 228.18 ng/ml



#21 AR-1248-1

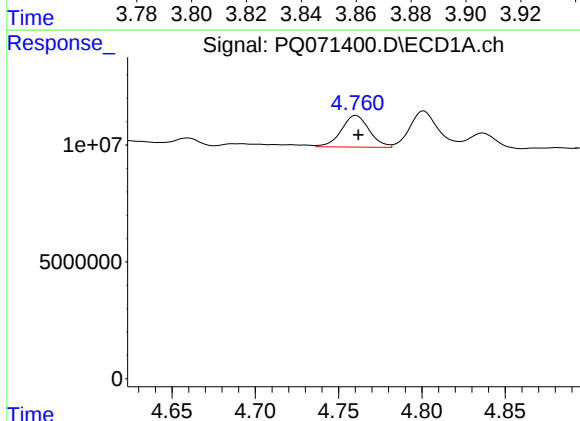
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 6223747
Conc: 32.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



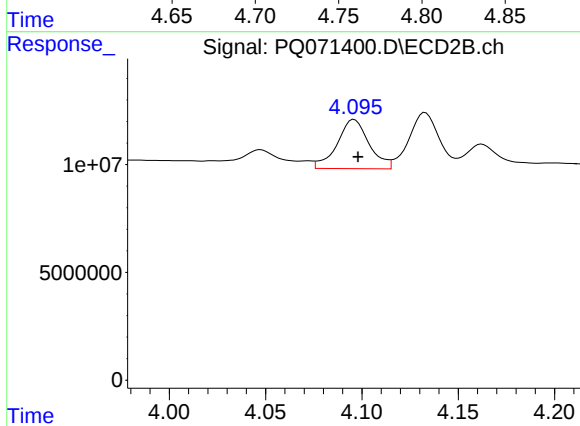
#21 AR-1248-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 12198148
Conc: 57.30 ng/ml



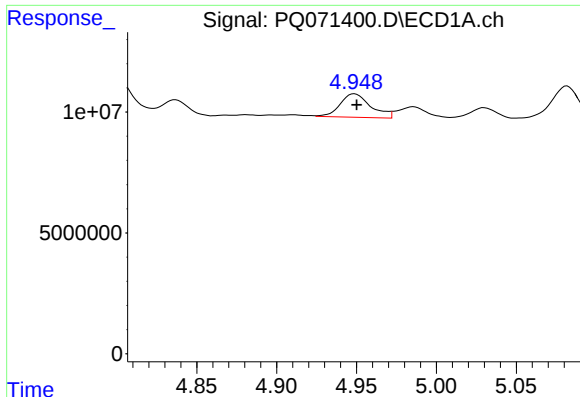
#22 AR-1248-2

R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 15816485
Conc: 65.01 ng/ml



#22 AR-1248-2

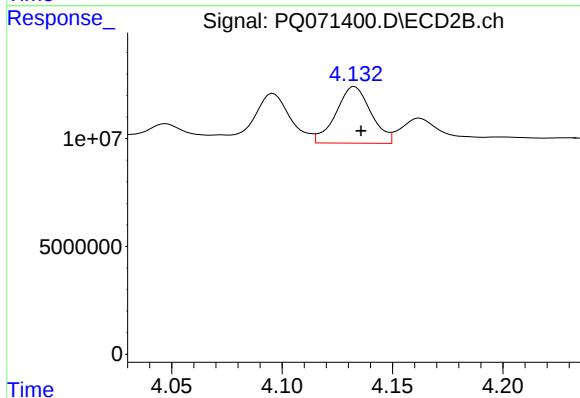
R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 26383904
Conc: 92.90 ng/ml



#23 AR-1248-3

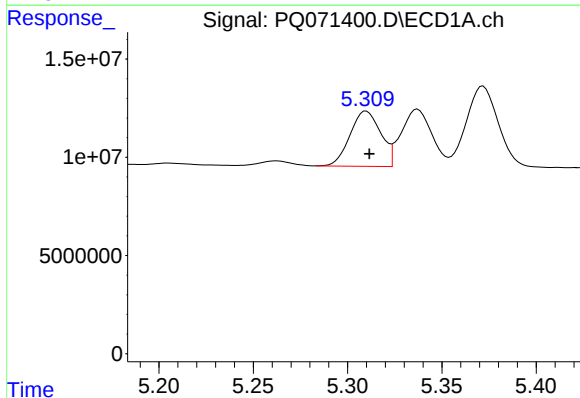
R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 12910793
Conc: 43.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



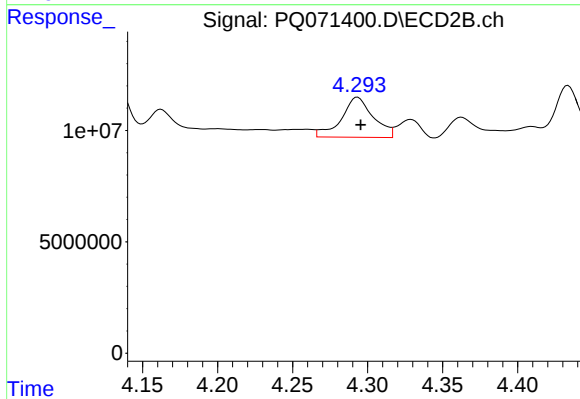
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 29052897
Conc: 103.72 ng/ml



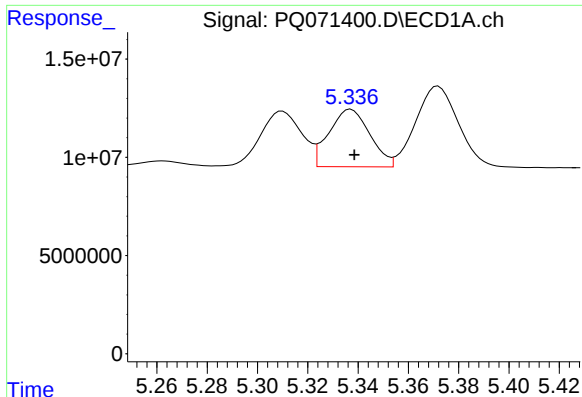
#24 AR-1248-4

R.T.: 5.310 min
Delta R.T.: -0.002 min
Response: 31870023
Conc: 121.23 ng/ml



#24 AR-1248-4

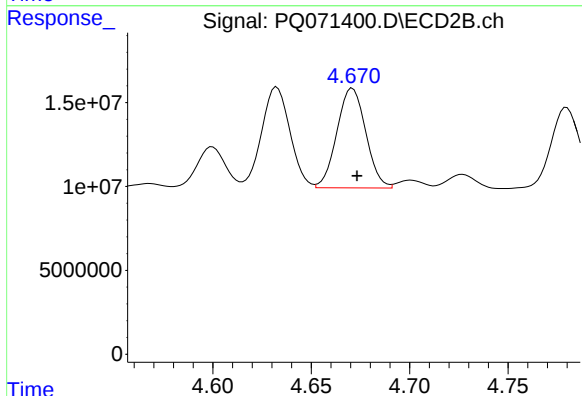
R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 26663137
Conc: 76.98 ng/ml



#25 AR-1248-5

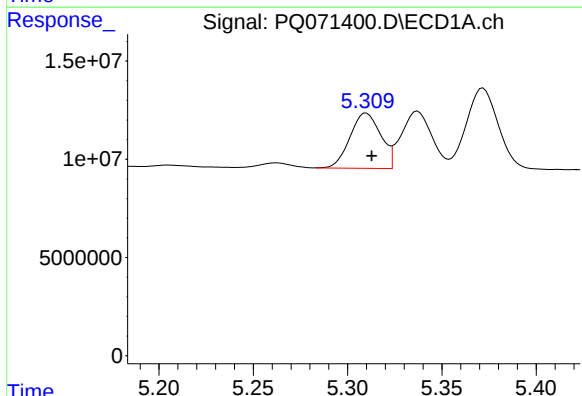
R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 33073930
Conc: 97.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



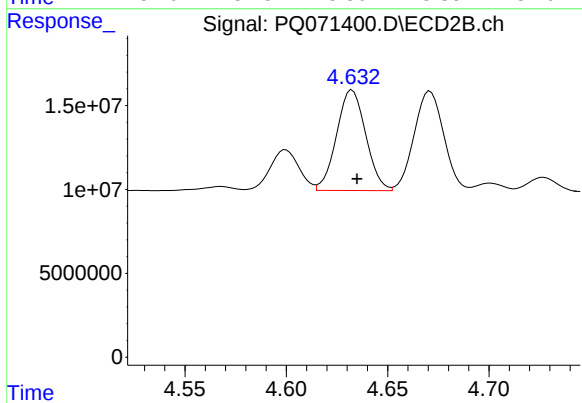
#25 AR-1248-5

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 60695332
Conc: 174.09 ng/ml



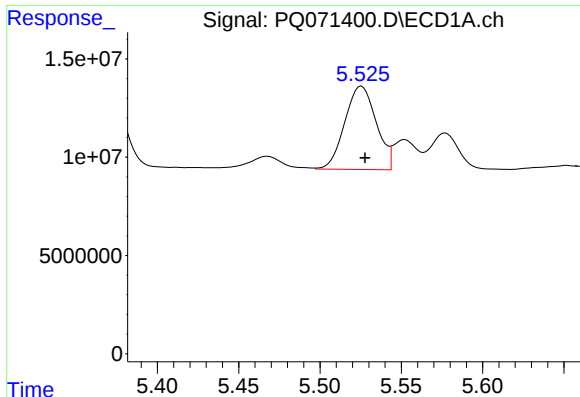
#26 AR-1254-1

R.T.: 5.310 min
Delta R.T.: -0.003 min
Response: 31870023
Conc: 91.75 ng/ml



#26 AR-1254-1

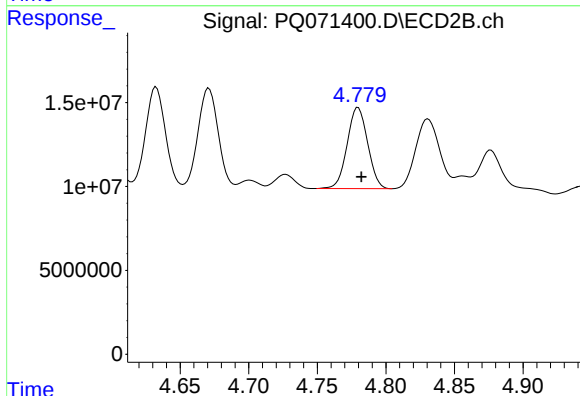
R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 60075821
Conc: 112.11 ng/ml



#27 AR-1254-2

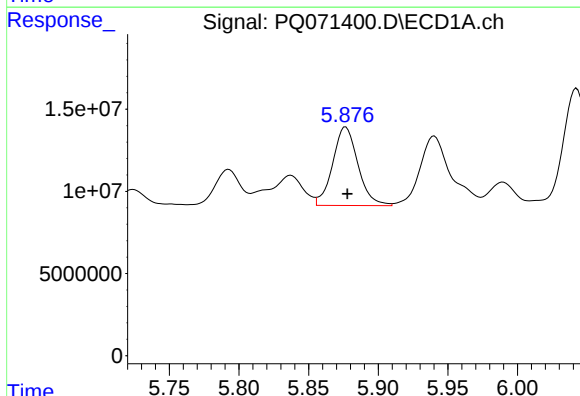
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 57011130
Conc: 105.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



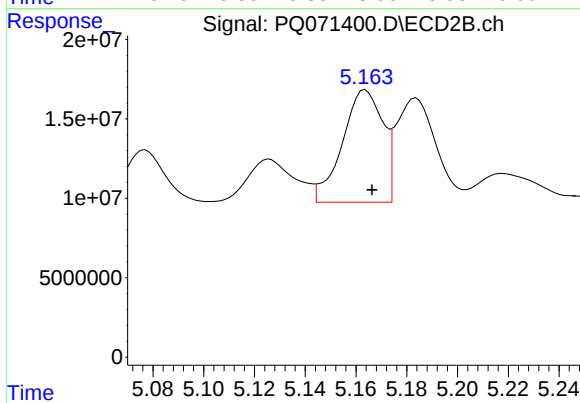
#27 AR-1254-2

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 50422906
Conc: 109.91 ng/ml



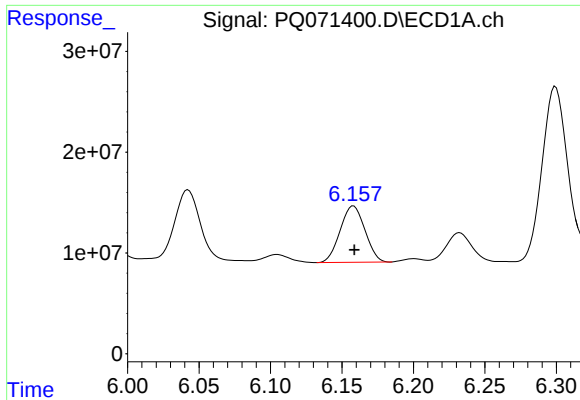
#28 AR-1254-3

R.T.: 5.877 min
Delta R.T.: -0.001 min
Response: 60415679
Conc: 104.92 ng/ml



#28 AR-1254-3

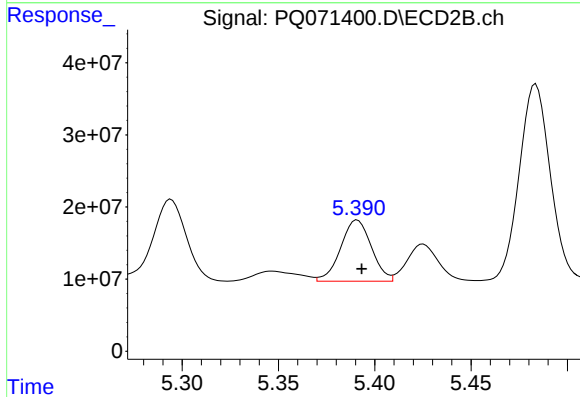
R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 78225869
Conc: 103.02 ng/ml



#29 AR-1254-4

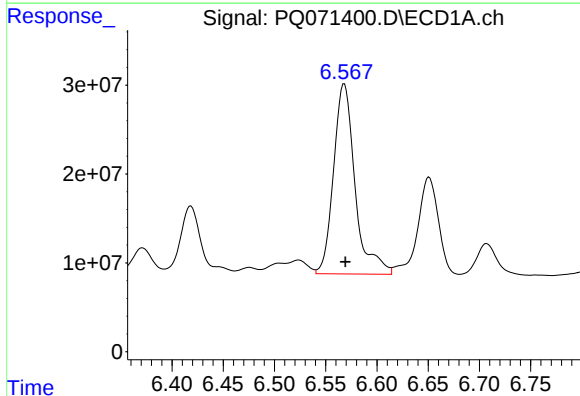
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 67339292
Conc: 159.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



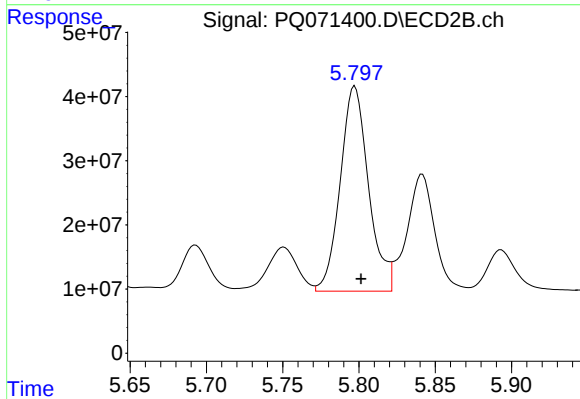
#29 AR-1254-4

R.T.: 5.391 min
Delta R.T.: -0.002 min
Response: 94351607
Conc: 188.77 ng/ml



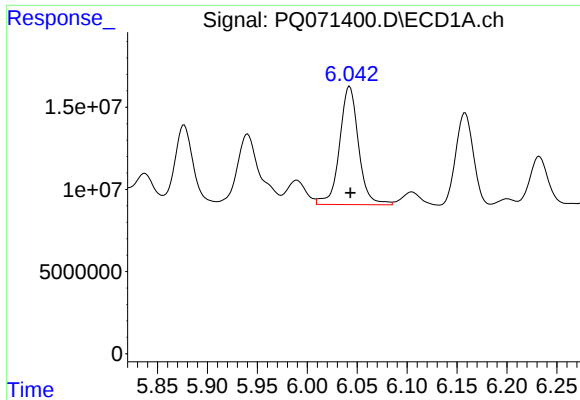
#30 AR-1254-5

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 312244282
Conc: 679.34 ng/ml



#30 AR-1254-5

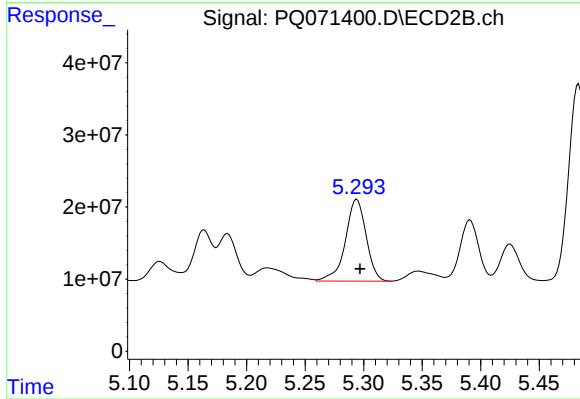
R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 411942407
Conc: 595.09 ng/ml



#31 AR-1260-1

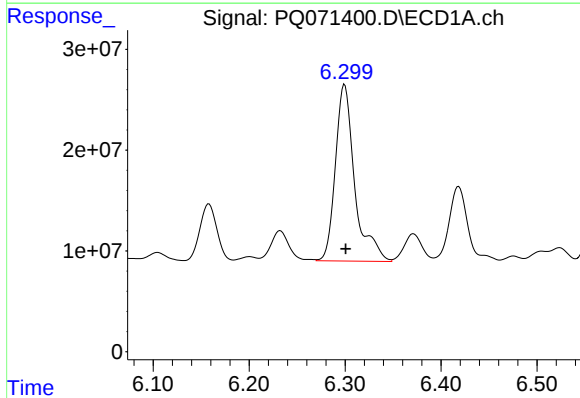
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 94991906
Conc: 212.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



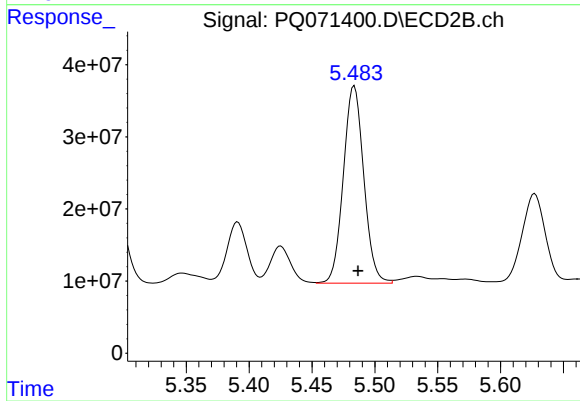
#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 140059871
Conc: 280.72 ng/ml



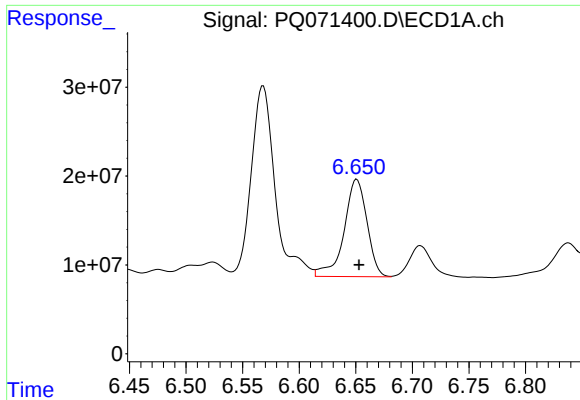
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 245609697
Conc: 480.73 ng/ml



#32 AR-1260-2

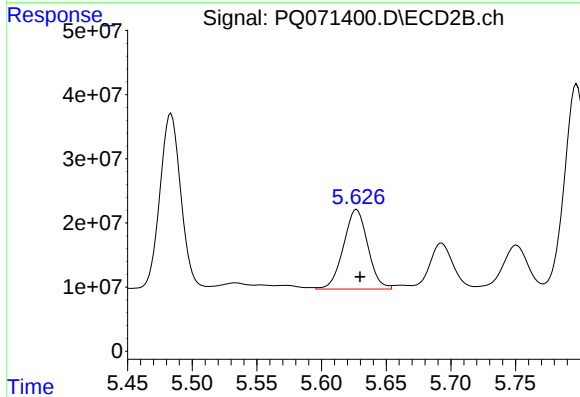
R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 309575394
Conc: 510.53 ng/ml



#33 AR-1260-3

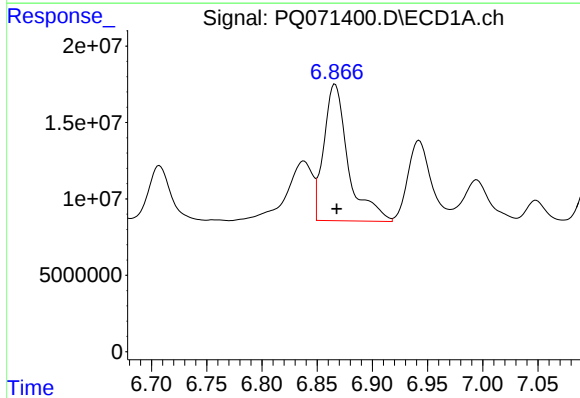
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 154331798
Conc: 403.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



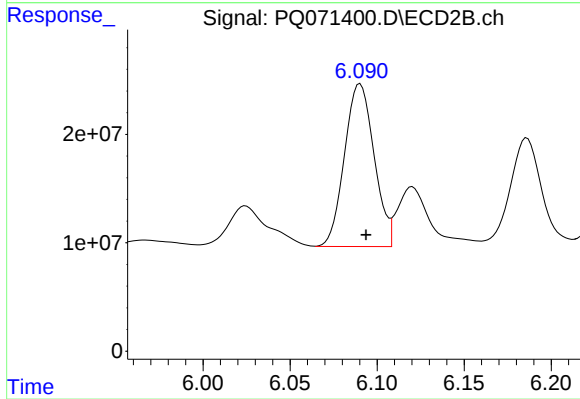
#33 AR-1260-3

R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 162766496
Conc: 275.32 ng/ml



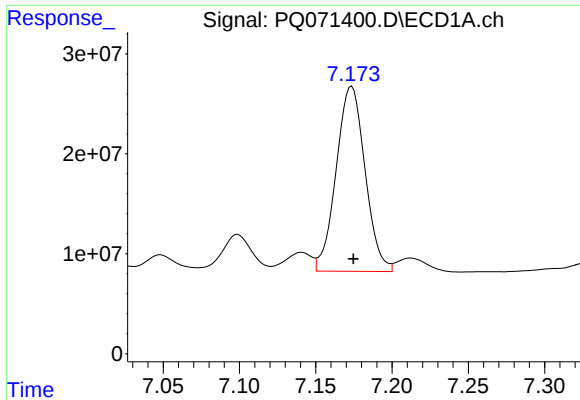
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 138003005
Conc: 330.04 ng/ml



#34 AR-1260-4

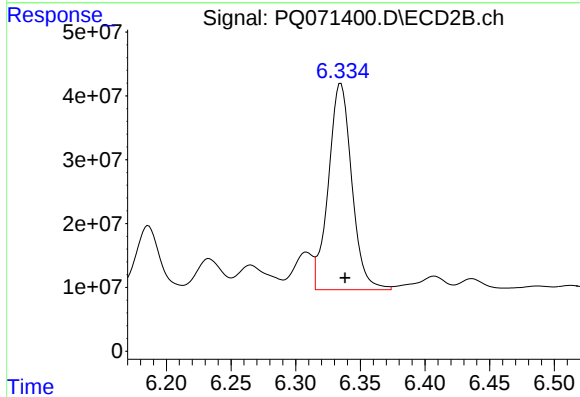
R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 177610010
Conc: 358.53 ng/ml



#35 AR-1260-5

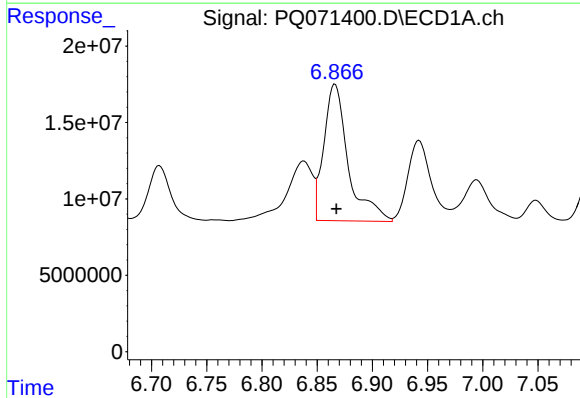
R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 243830839
Conc: 292.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



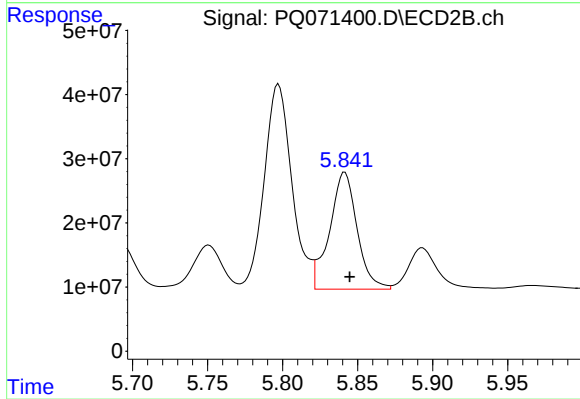
#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 406521720
Conc: 354.02 ng/ml



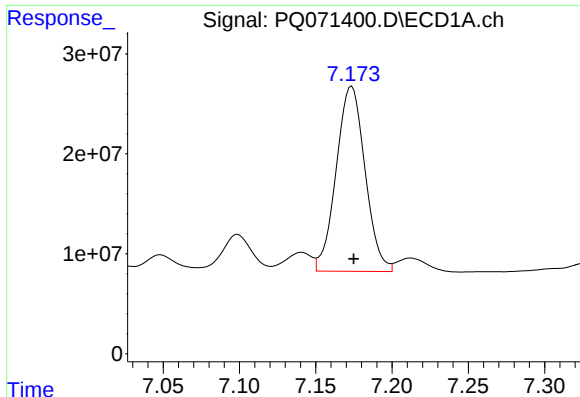
#36 AR-1262-1

R.T.: 6.866 min
Delta R.T.: -0.001 min
Response: 138003005
Conc: 295.73 ng/ml



#36 AR-1262-1

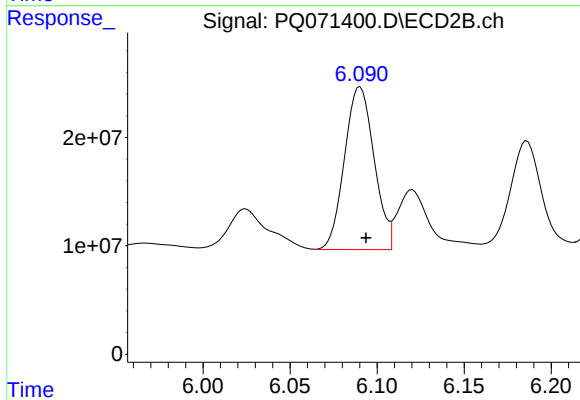
R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 232388325
Conc: 363.39 ng/ml



#37 AR-1262-2

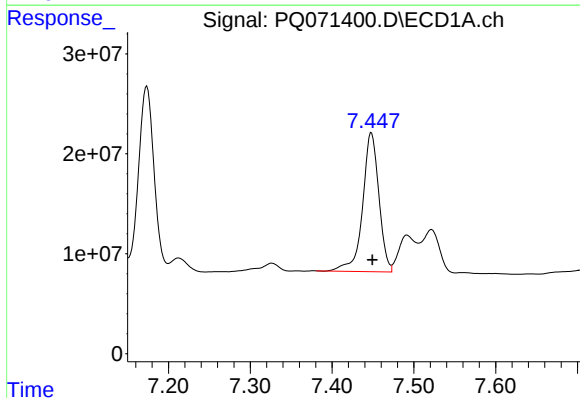
R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 243830839
Conc: 286.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



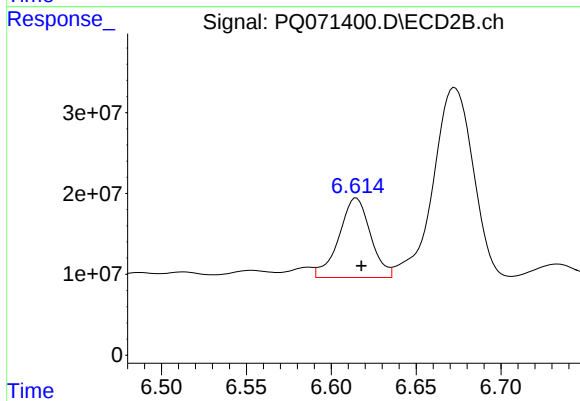
#37 AR-1262-2

R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 177610010
Conc: 298.84 ng/ml



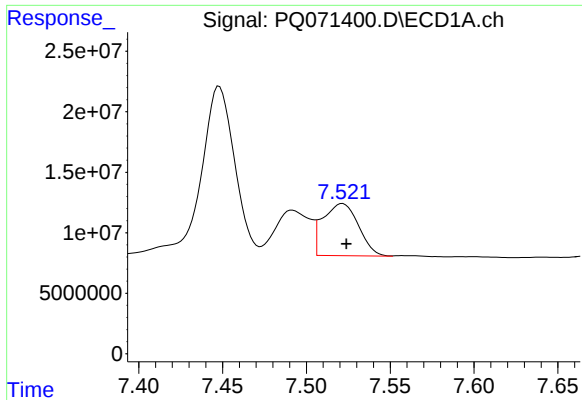
#38 AR-1262-3

R.T.: 7.448 min
Delta R.T.: -0.001 min
Response: 192272610
Conc: 342.81 ng/ml



#38 AR-1262-3

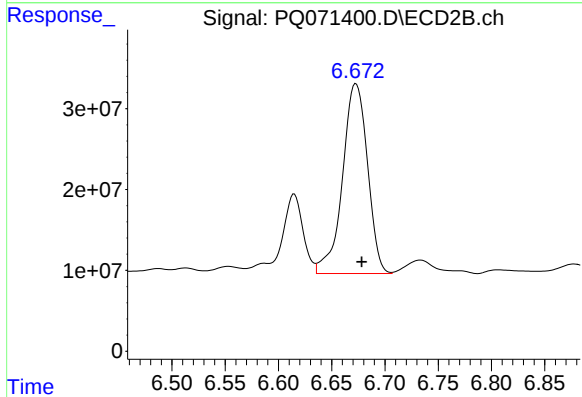
R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 127126131
Conc: 266.14 ng/ml



#39 AR-1262-4

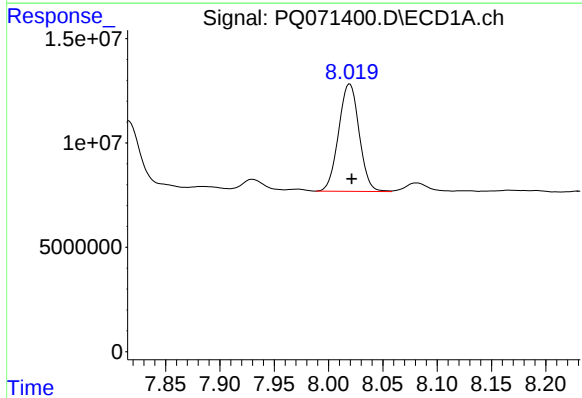
R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 63732414
Conc: 145.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



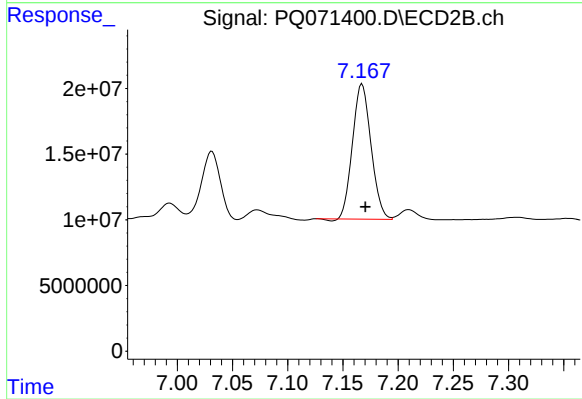
#39 AR-1262-4

R.T.: 6.673 min
Delta R.T.: -0.006 min
Response: 384371730
Conc: 429.78 ng/ml



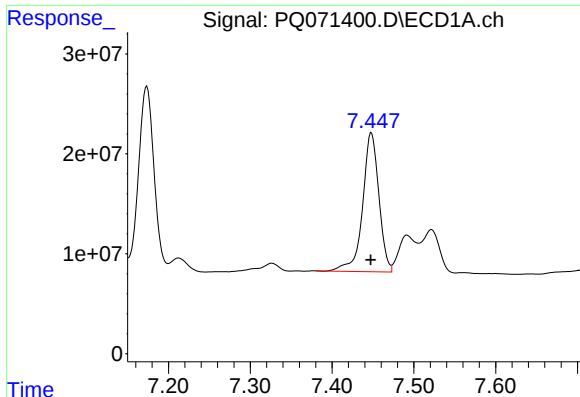
#40 AR-1262-5

R.T.: 8.020 min
Delta R.T.: -0.002 min
Response: 67555989
Conc: 237.89 ng/ml



#40 AR-1262-5

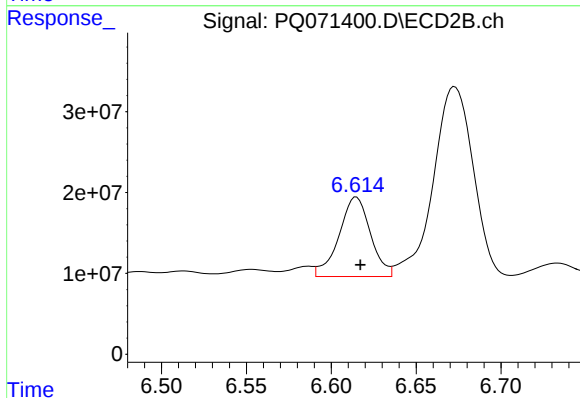
R.T.: 7.167 min
Delta R.T.: -0.003 min
Response: 119876088
Conc: 279.87 ng/ml



#41 AR-1268-1

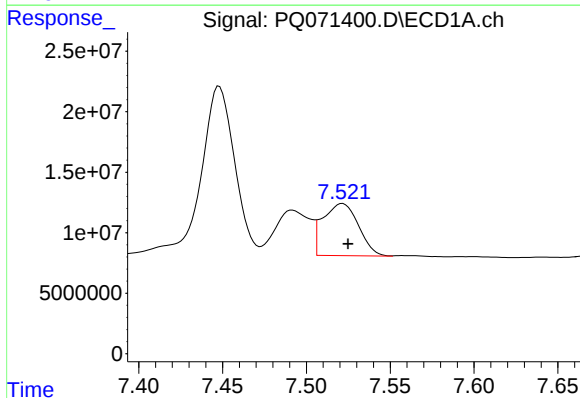
R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 192272610
Conc: 188.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



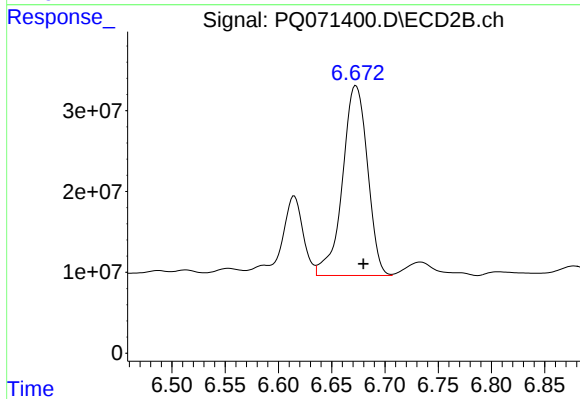
#41 AR-1268-1

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 127126131
Conc: 88.28 ng/ml



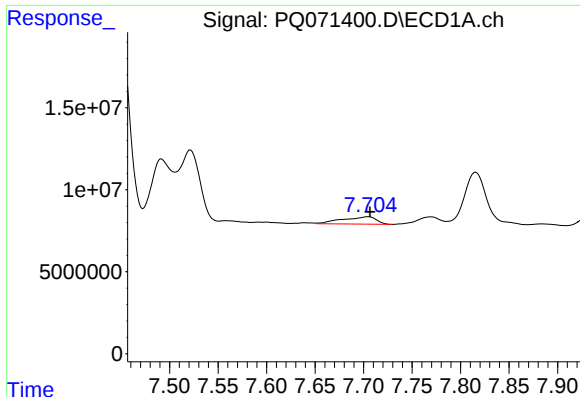
#42 AR-1268-2

R.T.: 7.522 min
Delta R.T.: -0.003 min
Response: 63732414
Conc: 67.32 ng/ml



#42 AR-1268-2

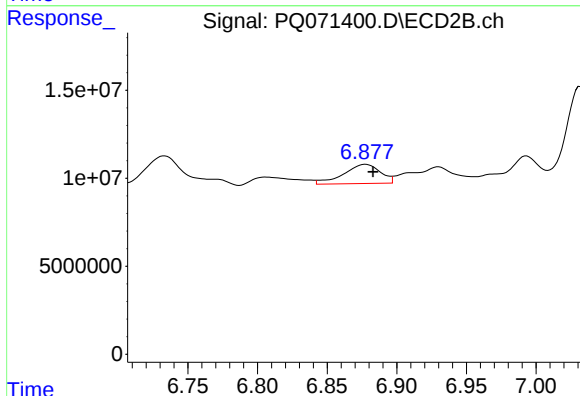
R.T.: 6.673 min
Delta R.T.: -0.007 min
Response: 384371730
Conc: 285.20 ng/ml



#43 AR-1268-3

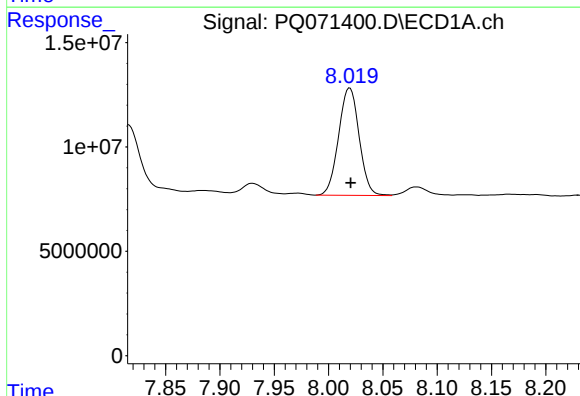
R.T.: 7.705 min
Delta R.T.: -0.002 min
Response: 10762555
Conc: 13.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



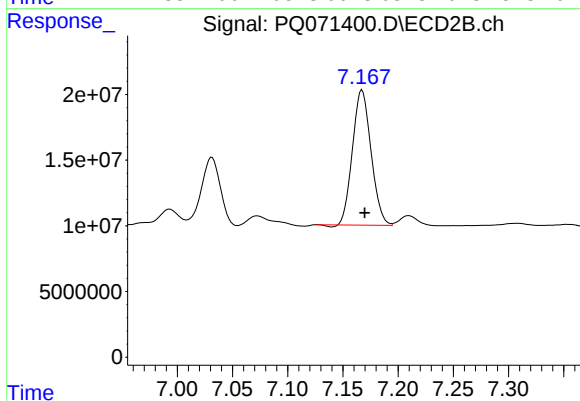
#43 AR-1268-3

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 20174968
Conc: 17.76 ng/ml



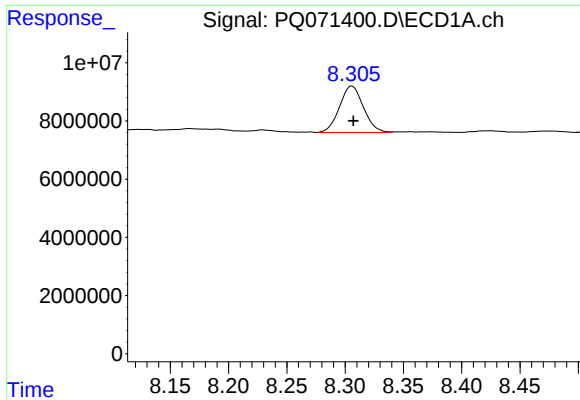
#44 AR-1268-4

R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 67555989
Conc: 199.68 ng/ml



#44 AR-1268-4

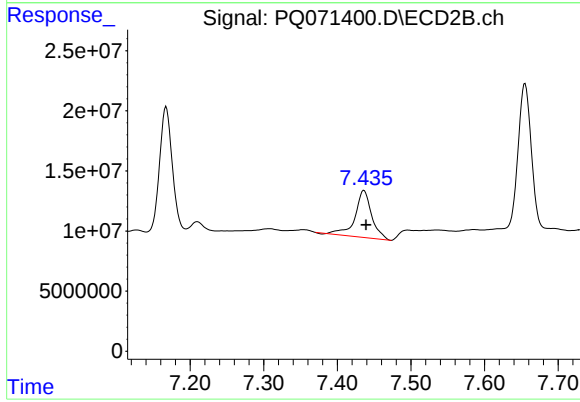
R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 119876088
Conc: 236.38 ng/ml



#45 AR-1268-5

R.T.: 8.306 min
Delta R.T.: -0.001 min
Response: 22784662
Conc: 9.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.436 min
Delta R.T.: -0.003 min
Response: 61599955
Conc: 17.39 ng/ml