

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101421\
 Data File : PQ054972.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2021 22:07
 Operator : AJ\MA
 Sample : M4196-18
 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: Oct 15 14:00:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.193	4.199	391.0E6	187.1E6	16.885	17.080
2)	SA Decachlor...	11.354	9.523	493.6E6	335.0E6	27.596	23.673
Target Compounds							
3)	L1 AR-1016-1	6.518	5.457	176.9E6	102.4E6	250.877	280.705
4)	L1 AR-1016-2	6.543	5.478	270.9E6	130.6E6	236.553	197.979
5)	L1 AR-1016-3	6.608	5.671	169.2E6	84346502	247.256	283.363
6)	L1 AR-1016-4	6.716	5.720	143.2E6	88594117	264.747	350.053 #
7)	L1 AR-1016-5	7.028	5.950	223.7E6	115.0E6	423.988	360.849
8)	L2 AR-1221-1	5.476	4.448	88033337	13755844	336.099	118.736 #
9)	L2 AR-1221-2	5.549	4.530	24733654	21953866	139.676	274.104 #
10)	L2 AR-1221-3	5.633	4.645	21583135	12925337	37.435	42.232
11)	L3 AR-1232-1	5.633	4.645	21583135	12925337	48.183	52.673
12)	L3 AR-1232-2	6.221	5.478	130.6E6	130.6E6	534.051	473.601
13)	L3 AR-1232-3	6.543	5.671	270.9E6	84346502	562.148	687.556
14)	L3 AR-1232-4	6.716	5.765	143.2E6	115.5E6	633.182	1038.296 #
15)	L3 AR-1232-5	6.809	5.950	168.0E6	115.0E6	1013.042	928.217
16)	L4 AR-1242-1	6.518	5.457	176.9E6	102.4E6	300.259	328.436
17)	L4 AR-1242-2	6.543	5.478	270.9E6	130.6E6	283.553	237.948
18)	L4 AR-1242-3	6.608	5.671	169.2E6	84346502	292.979	333.819
19)	L4 AR-1242-4	6.716	5.765	143.2E6	115.5E6	313.611	461.839 #
20)	L4 AR-1242-5	7.497	6.331	207.0E6	101.8E6	397.831	290.300 #
21)	L5 AR-1248-1	6.518	5.457	176.9E6	102.4E6	413.611	444.787
22)	L5 AR-1248-2	6.809	5.720	168.0E6	88594117	259.350	246.378
23)	L5 AR-1248-3	7.028	5.765	223.7E6	115.5E6	303.411	311.251
24)	L5 AR-1248-4	7.456	5.950	180.1E6	115.0E6	208.685	255.545
25)	L5 AR-1248-5	7.497	6.373	207.0E6	99280501	234.823	203.846
26)	L6 AR-1254-1	7.426	6.331	137.4E6	101.8E6	166.503	139.724
27)	L6 AR-1254-2	7.663	6.488	179.4E6	23946344	139.075	37.185 #
28)	L6 AR-1254-3	8.037	6.908	68887676	33655553	49.461	32.273 #
29)	L6 AR-1254-4	8.333	7.147	39066642	14131197	38.314	20.079 #
30)	L6 AR-1254-5	8.760	7.575	16111201	8709545	14.812	8.471 #
31)	L7 AR-1260-1	8.199	7.055	15687358	18297617	17.934	28.144 #
32)	L7 AR-1260-2	8.464	7.242	52580156	3174408	46.965	3.533 #
33)	L7 AR-1260-3	8.760	7.398	16111201	15527601	13.162	19.017 #
34)	L7 AR-1260-4	9.068	7.880	7072458	2508714	7.733	3.661 #
35)	L7 AR-1260-5	9.418	8.124	32963513	24999479	18.241	12.997 #
36)	L8 AR-1262-1	8.833	7.575	5550901	8709545	4.380	15.765 #
37)	L8 AR-1262-2	9.418	8.124	32963513	24999479	14.147	10.358 #
38)	L8 AR-1262-3	9.770	8.350f	12672397	3407764	12.847	3.524 #
39)	L8 AR-1262-4	9.842	8.475	8312468	6429419	12.731	3.859 #
40)	L8 AR-1262-5	10.556	0.000	2494531	0	2.877	N.D. #
41)	L9 AR-1268-1	9.770	8.350f	12672397	3407764	4.796	1.181 #

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 Acq On : 14 Oct 2021 22:07
 Operator : AJ\MA
 Sample : M4196-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

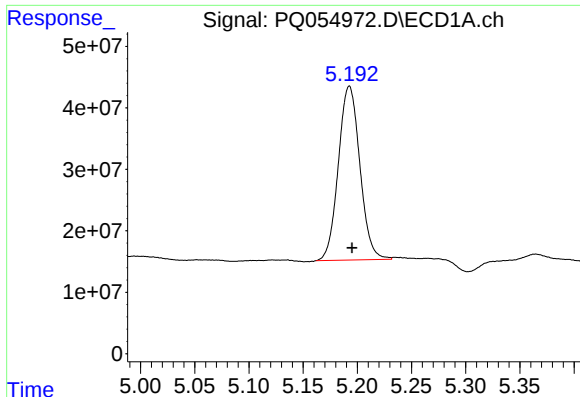
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 14:00:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.842	8.475	8312468	6429419	3.366	2.594
43) L9	AR-1268-3	0.000	8.683	0	1713354	N.D.	0.796 #
44) L9	AR-1268-4	10.556	0.000	2494531	0	2.652	N.D. #
45) L9	AR-1268-5	10.999	9.268	3632041	3179357	0.511	0.506

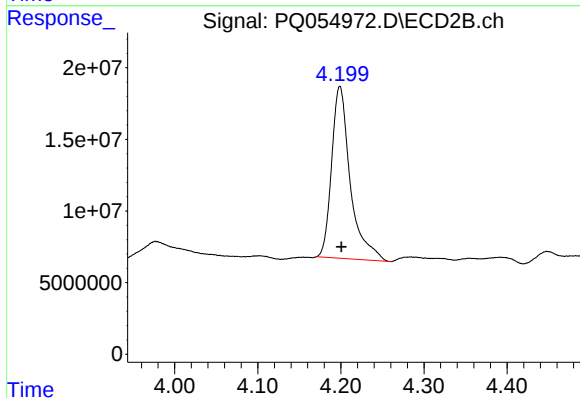
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

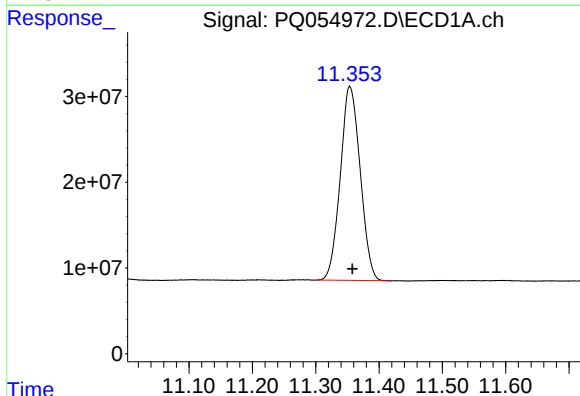
R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 391048257
Conc: 16.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



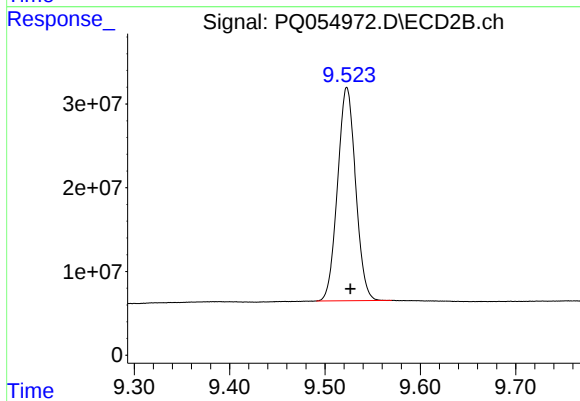
#1 Tetrachloro-m-xylene

R.T.: 4.199 min
Delta R.T.: -0.002 min
Response: 187122070
Conc: 17.08 ng/ml



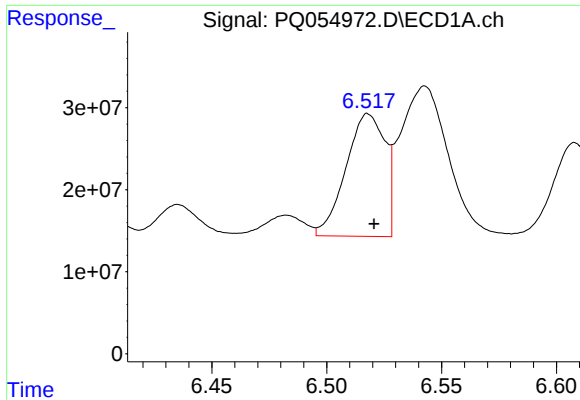
#2 Decachlorobiphenyl

R.T.: 11.354 min
Delta R.T.: -0.004 min
Response: 493557304
Conc: 27.60 ng/ml



#2 Decachlorobiphenyl

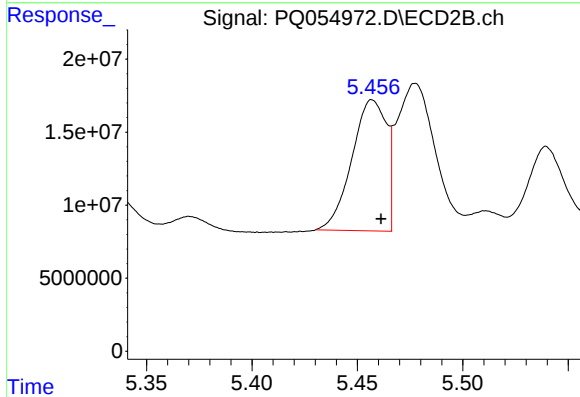
R.T.: 9.523 min
Delta R.T.: -0.004 min
Response: 335007424
Conc: 23.67 ng/ml



#3 AR-1016-1

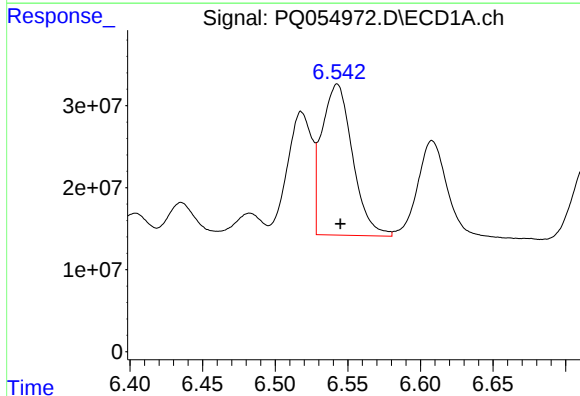
R.T.: 6.518 min
Delta R.T.: -0.003 min
Response: 176880070
Conc: 250.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



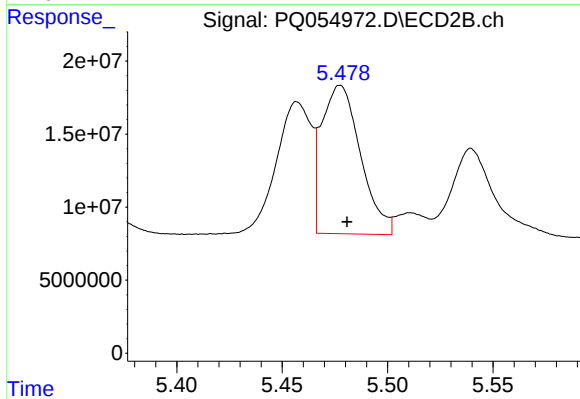
#3 AR-1016-1

R.T.: 5.457 min
Delta R.T.: -0.004 min
Response: 102403991
Conc: 280.71 ng/ml



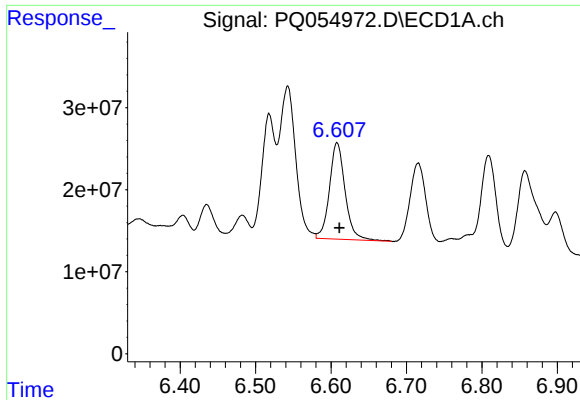
#4 AR-1016-2

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 270868369
Conc: 236.55 ng/ml



#4 AR-1016-2

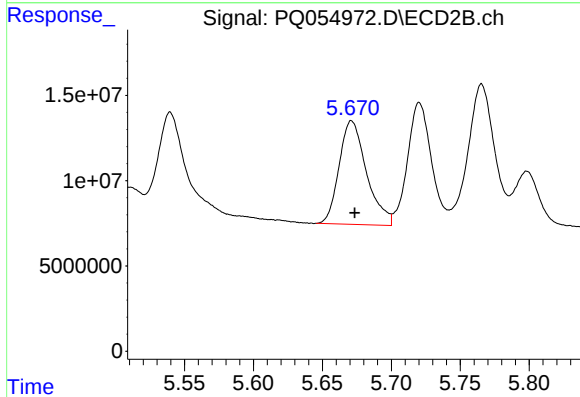
R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 130642259
Conc: 197.98 ng/ml



#5 AR-1016-3

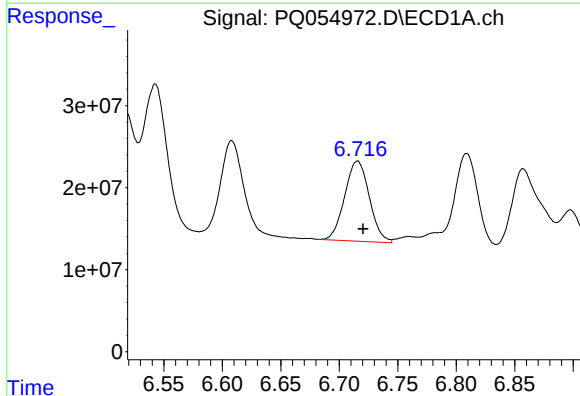
R.T.: 6.608 min
Delta R.T.: -0.003 min
Response: 169152571
Conc: 247.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



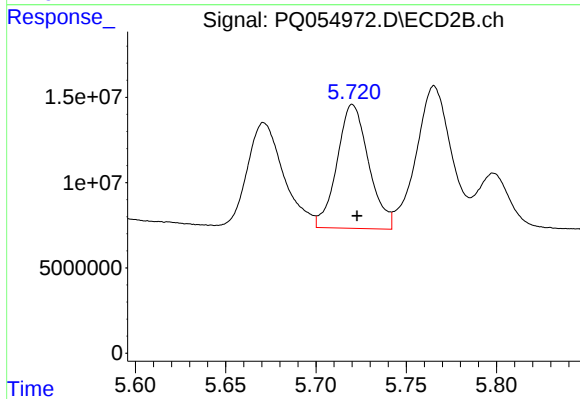
#5 AR-1016-3

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 84346502
Conc: 283.36 ng/ml



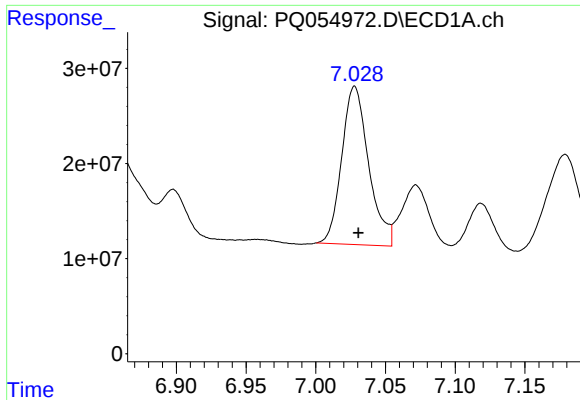
#6 AR-1016-4

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 143222140
Conc: 264.75 ng/ml



#6 AR-1016-4

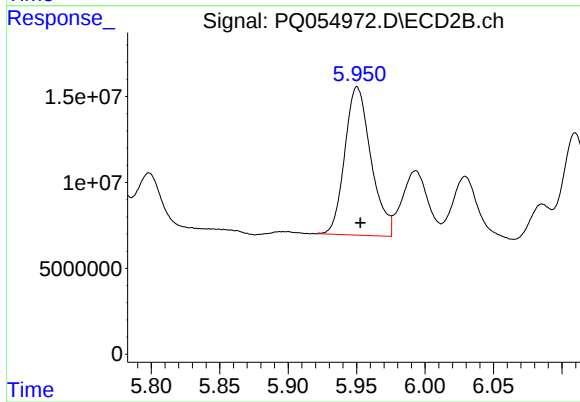
R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 88594117
Conc: 350.05 ng/ml



#7 AR-1016-5

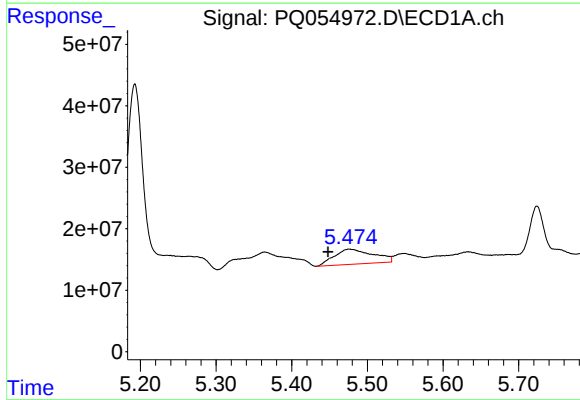
R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 223712595
Conc: 423.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



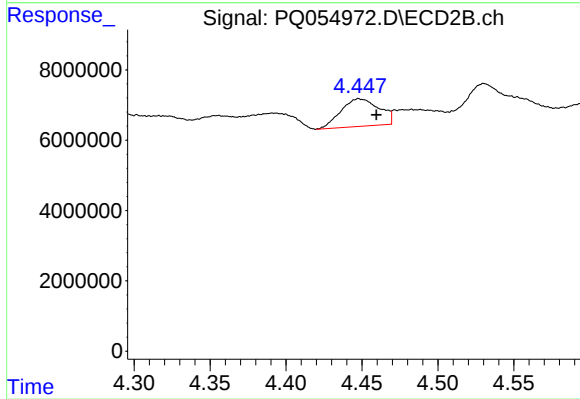
#7 AR-1016-5

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 115017470
Conc: 360.85 ng/ml



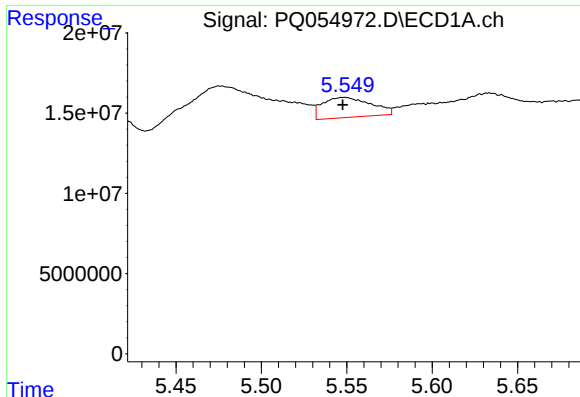
#8 AR-1221-1

R.T.: 5.476 min
Delta R.T.: 0.028 min
Response: 88033337
Conc: 336.10 ng/ml



#8 AR-1221-1

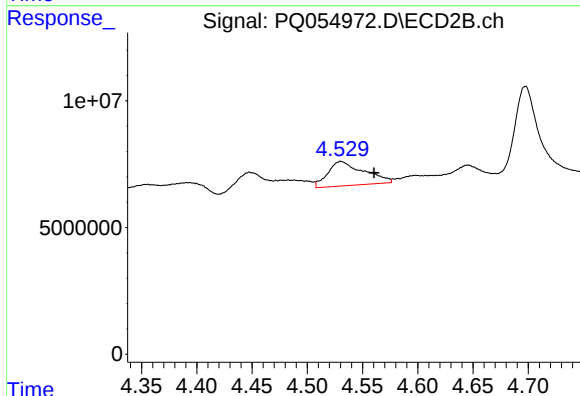
R.T.: 4.448 min
Delta R.T.: -0.012 min
Response: 13755844
Conc: 118.74 ng/ml



#9 AR-1221-2

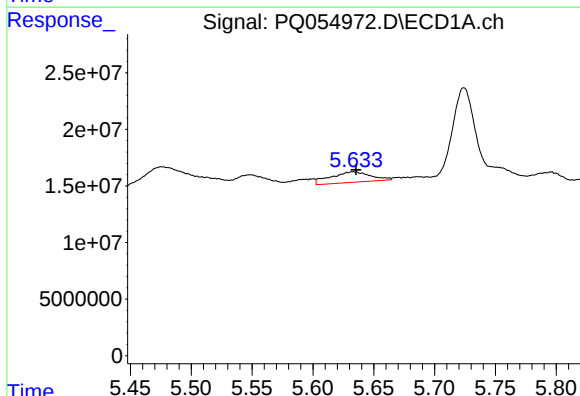
R.T.: 5.549 min
Delta R.T.: 0.001 min
Response: 24733654
Conc: 139.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



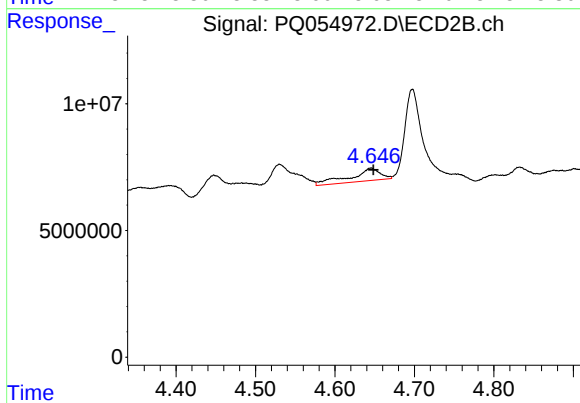
#9 AR-1221-2

R.T.: 4.530 min
Delta R.T.: -0.030 min
Response: 21953866
Conc: 274.10 ng/ml



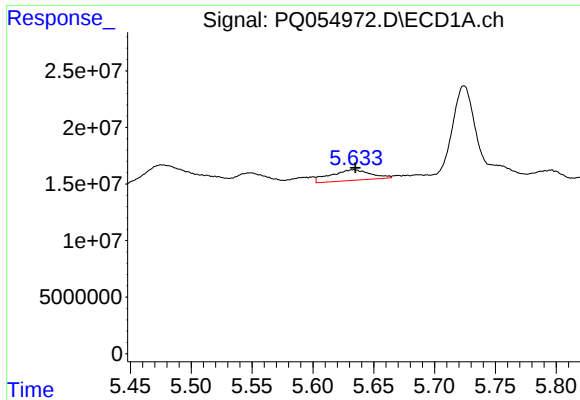
#10 AR-1221-3

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 21583135
Conc: 37.44 ng/ml



#10 AR-1221-3

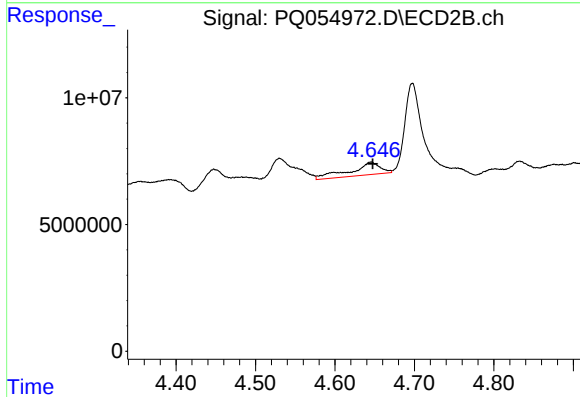
R.T.: 4.645 min
Delta R.T.: -0.003 min
Response: 12925337
Conc: 42.23 ng/ml



#11 AR-1232-1

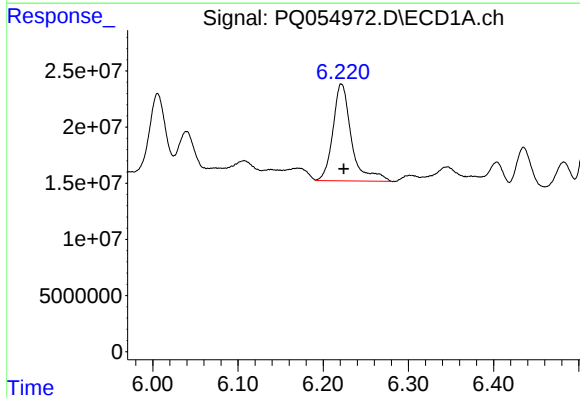
R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 21583135
Conc: 48.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



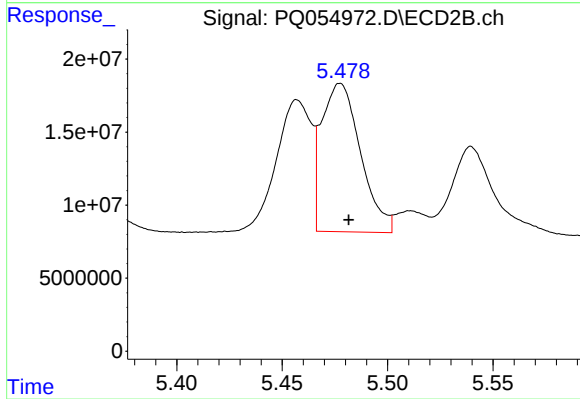
#11 AR-1232-1

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 12925337
Conc: 52.67 ng/ml



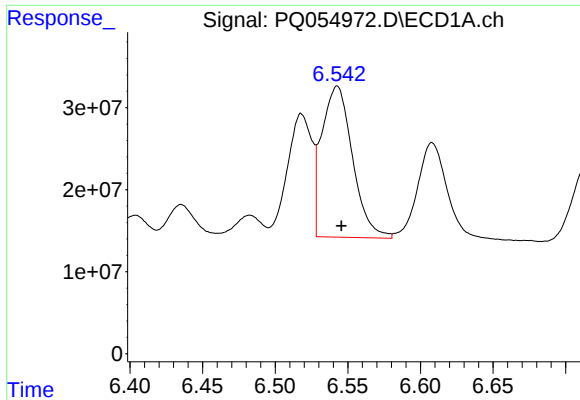
#12 AR-1232-2

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 130570317
Conc: 534.05 ng/ml



#12 AR-1232-2

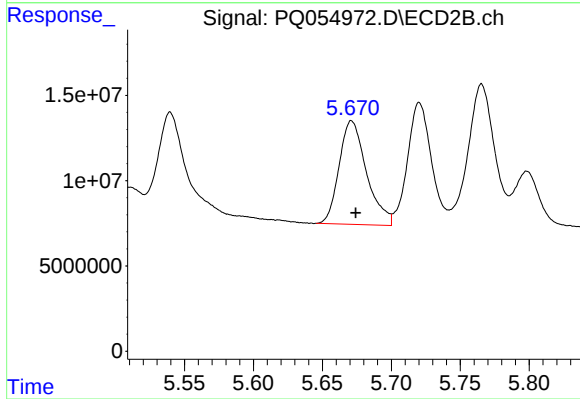
R.T.: 5.478 min
Delta R.T.: -0.004 min
Response: 130642259
Conc: 473.60 ng/ml



#13 AR-1232-3

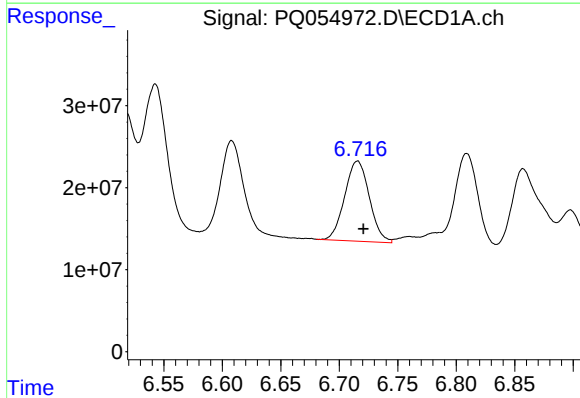
R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 270868369
Conc: 562.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



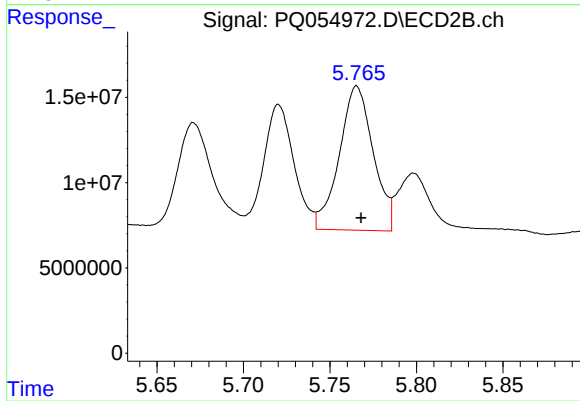
#13 AR-1232-3

R.T.: 5.671 min
Delta R.T.: -0.003 min
Response: 84346502
Conc: 687.56 ng/ml



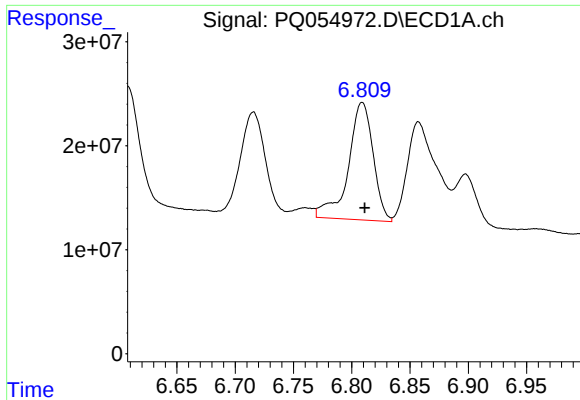
#14 AR-1232-4

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 143222140
Conc: 633.18 ng/ml



#14 AR-1232-4

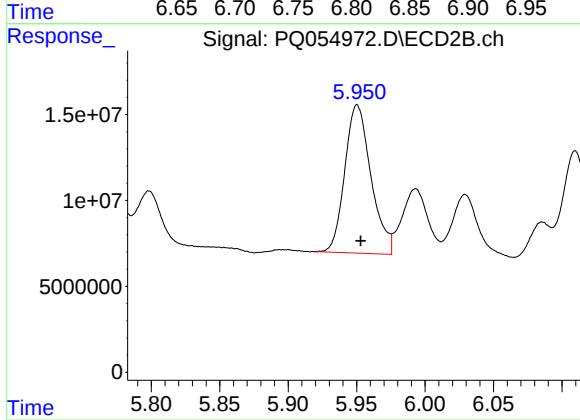
R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 115493016
Conc: 1038.30 ng/ml



#15 AR-1232-5

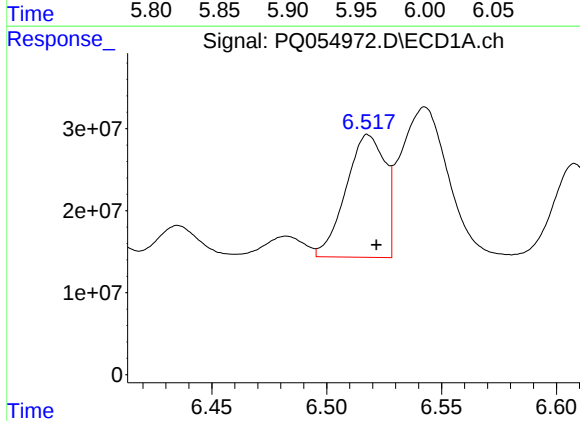
R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 168017643
Conc: 1013.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



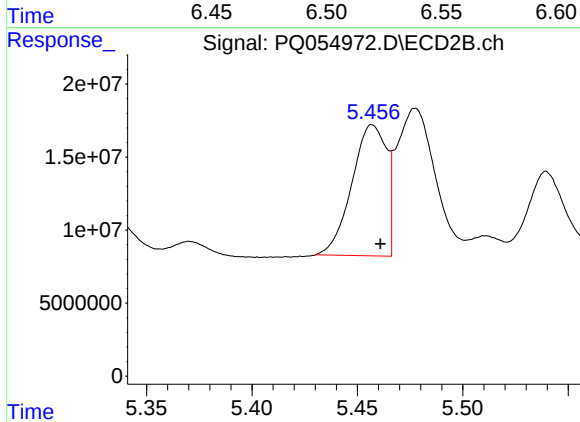
#15 AR-1232-5

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 115017470
Conc: 928.22 ng/ml



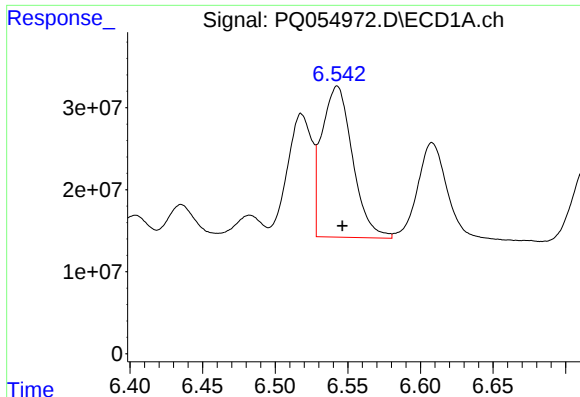
#16 AR-1242-1

R.T.: 6.518 min
Delta R.T.: -0.004 min
Response: 176880070
Conc: 300.26 ng/ml



#16 AR-1242-1

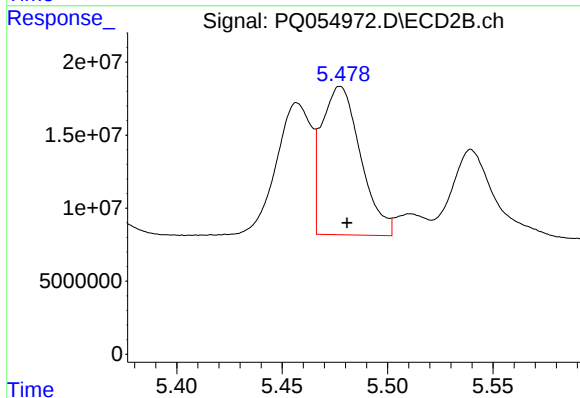
R.T.: 5.457 min
Delta R.T.: -0.004 min
Response: 102403991
Conc: 328.44 ng/ml



#17 AR-1242-2

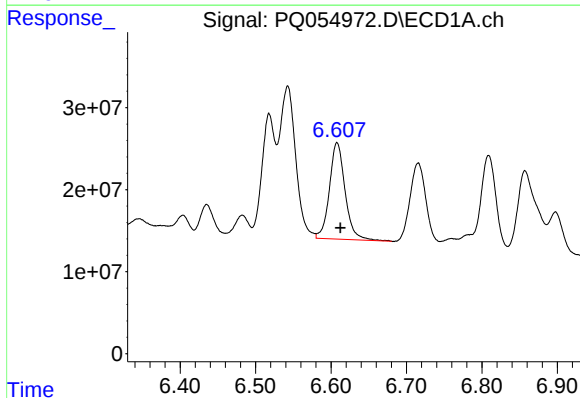
R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 270868369
Conc: 283.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



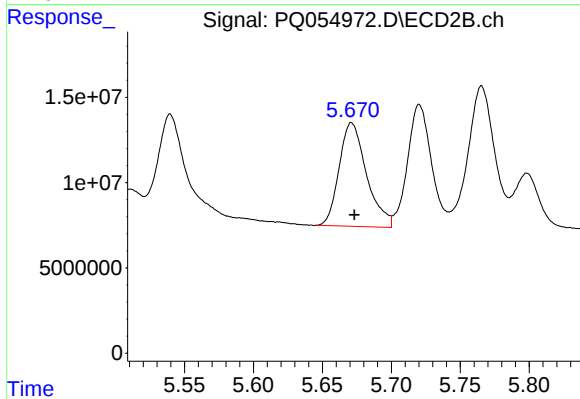
#17 AR-1242-2

R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 130642259
Conc: 237.95 ng/ml



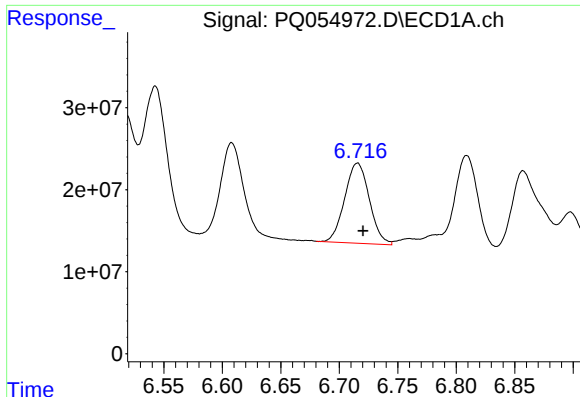
#18 AR-1242-3

R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 169152571
Conc: 292.98 ng/ml



#18 AR-1242-3

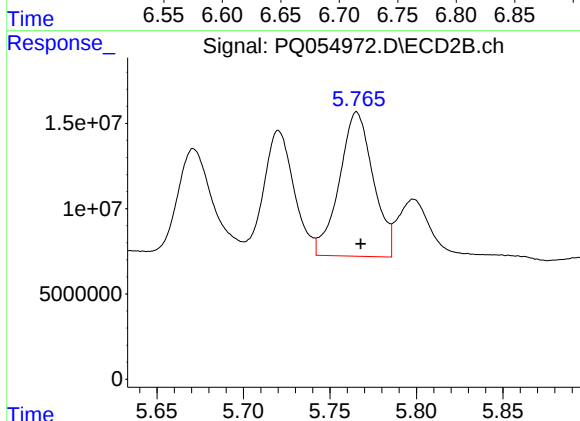
R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 84346502
Conc: 333.82 ng/ml



#19 AR-1242-4

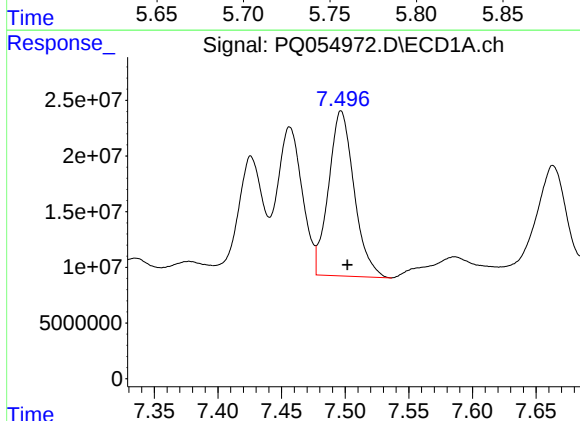
R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 143222140
Conc: 313.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



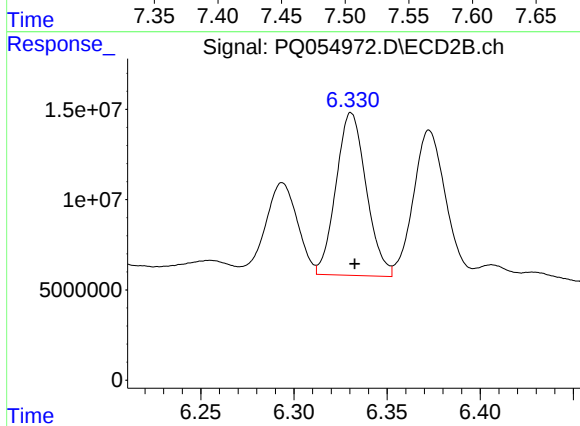
#19 AR-1242-4

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 115493016
Conc: 461.84 ng/ml



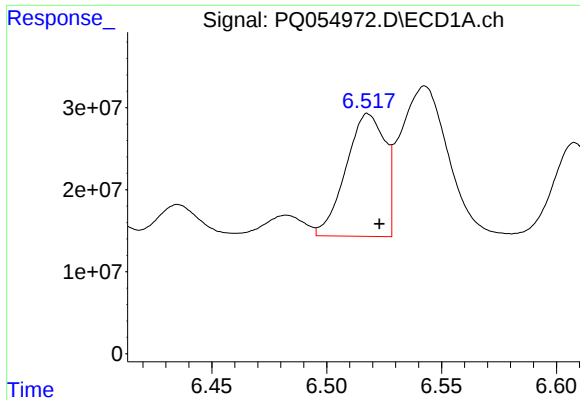
#20 AR-1242-5

R.T.: 7.497 min
Delta R.T.: -0.005 min
Response: 207011986
Conc: 397.83 ng/ml



#20 AR-1242-5

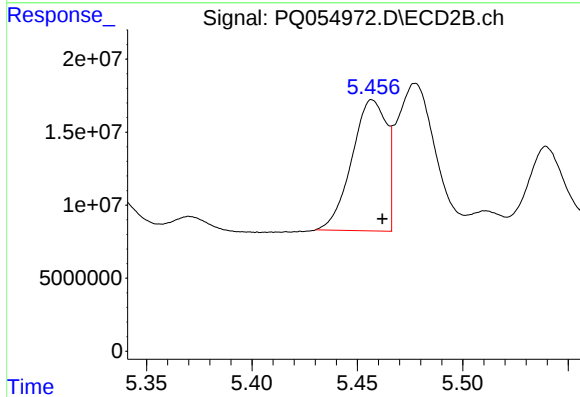
R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 101776469
Conc: 290.30 ng/ml



#21 AR-1248-1

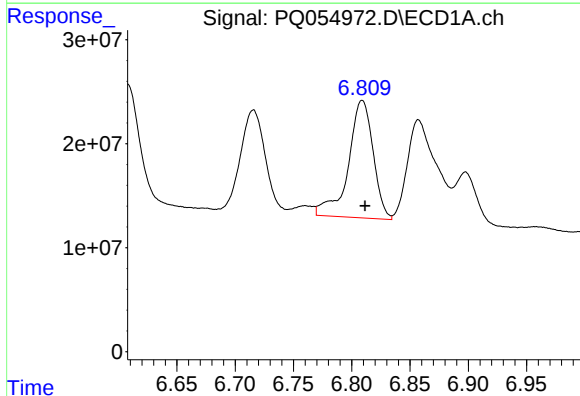
R.T.: 6.518 min
Delta R.T.: -0.005 min
Response: 176880070
Conc: 413.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



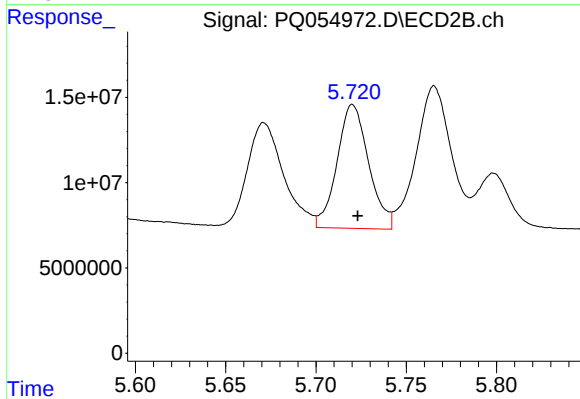
#21 AR-1248-1

R.T.: 5.457 min
Delta R.T.: -0.005 min
Response: 102403991
Conc: 444.79 ng/ml



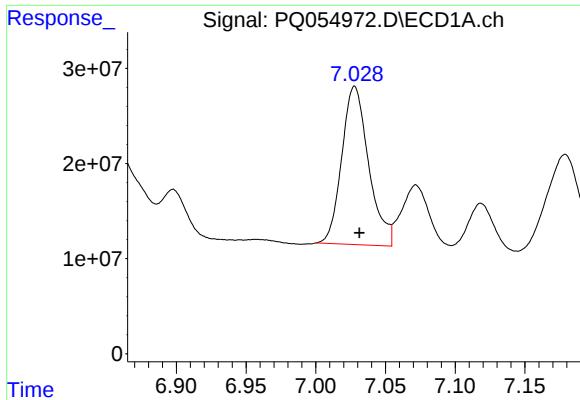
#22 AR-1248-2

R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 168017643
Conc: 259.35 ng/ml



#22 AR-1248-2

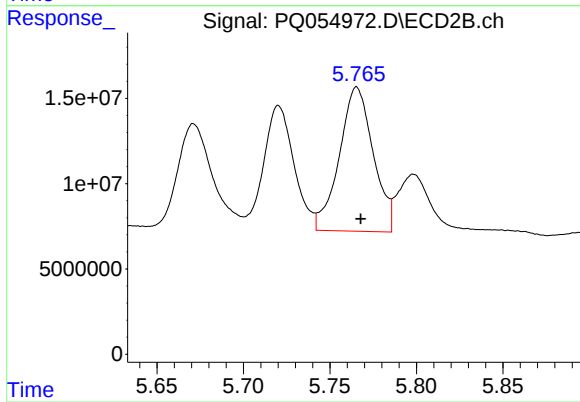
R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 88594117
Conc: 246.38 ng/ml



#23 AR-1248-3

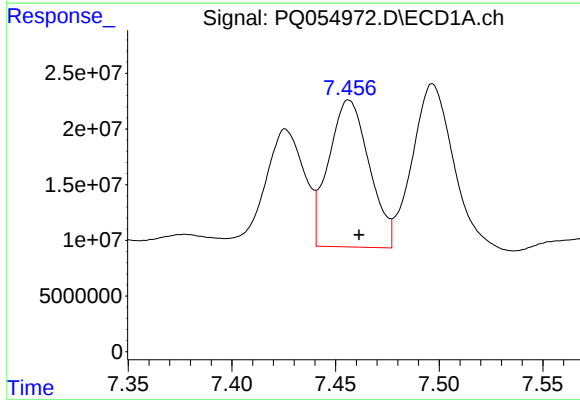
R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 223712595
Conc: 303.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



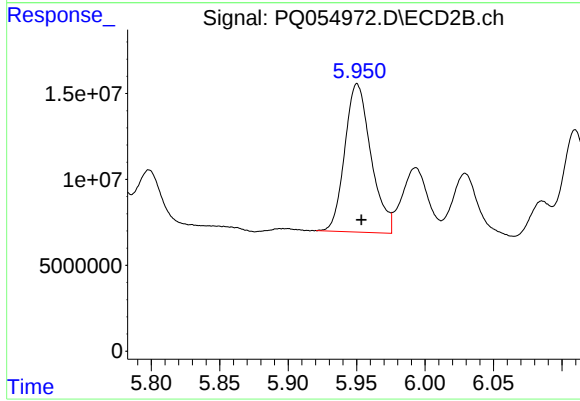
#23 AR-1248-3

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 115493016
Conc: 311.25 ng/ml



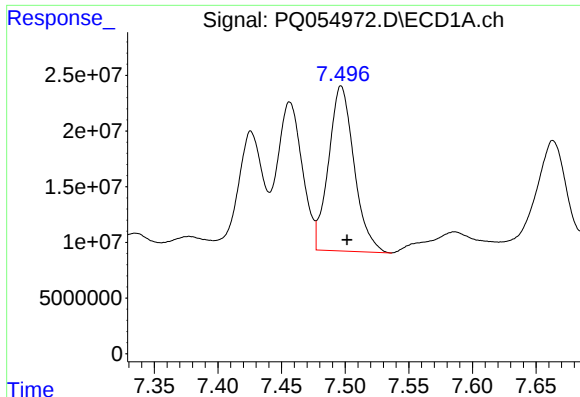
#24 AR-1248-4

R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 180087298
Conc: 208.68 ng/ml



#24 AR-1248-4

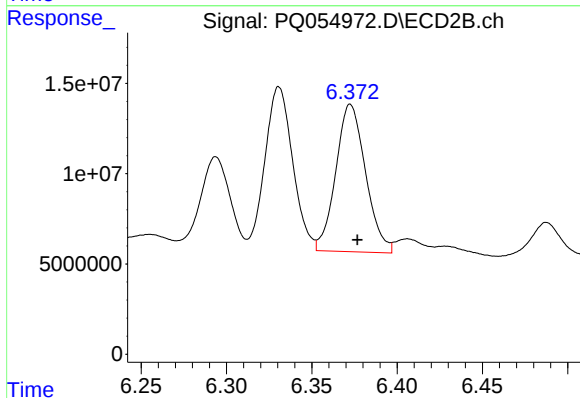
R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 115017470
Conc: 255.54 ng/ml



#25 AR-1248-5

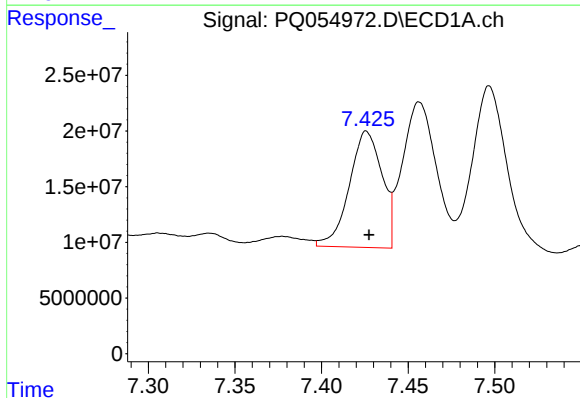
R.T.: 7.497 min
Delta R.T.: -0.005 min
Response: 207011986
Conc: 234.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



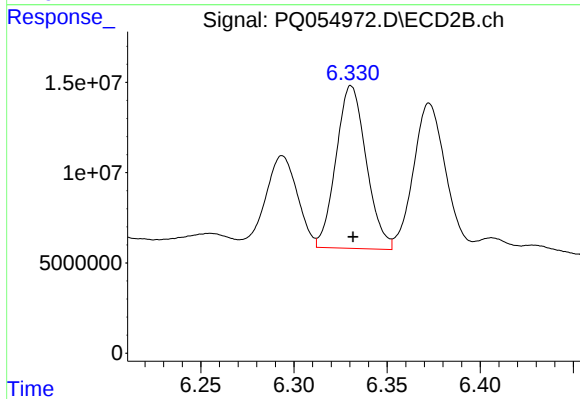
#25 AR-1248-5

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 99280501
Conc: 203.85 ng/ml



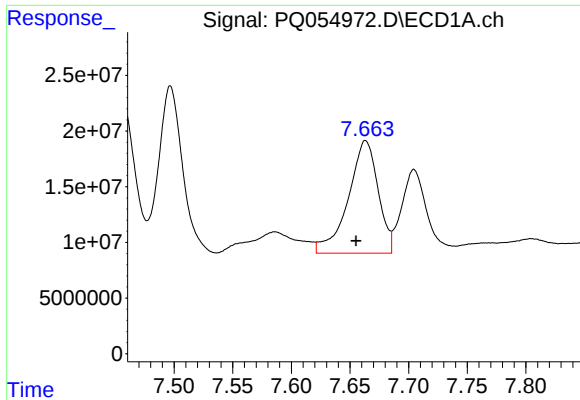
#26 AR-1254-1

R.T.: 7.426 min
Delta R.T.: -0.001 min
Response: 137391726
Conc: 166.50 ng/ml



#26 AR-1254-1

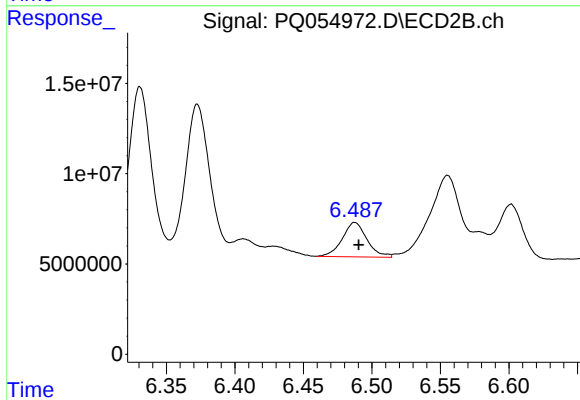
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 101776469
Conc: 139.72 ng/ml



#27 AR-1254-2

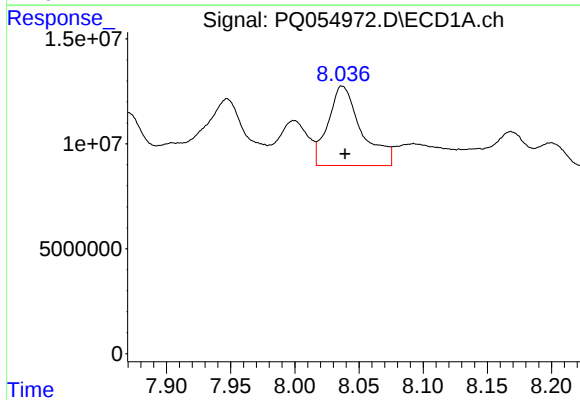
R.T.: 7.663 min
Delta R.T.: 0.008 min
Response: 179359827
Conc: 139.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



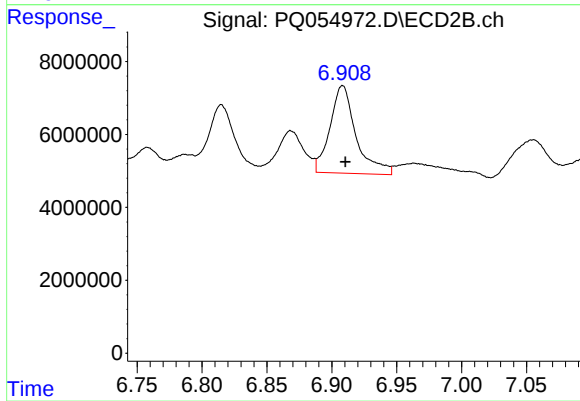
#27 AR-1254-2

R.T.: 6.488 min
Delta R.T.: -0.003 min
Response: 23946344
Conc: 37.19 ng/ml



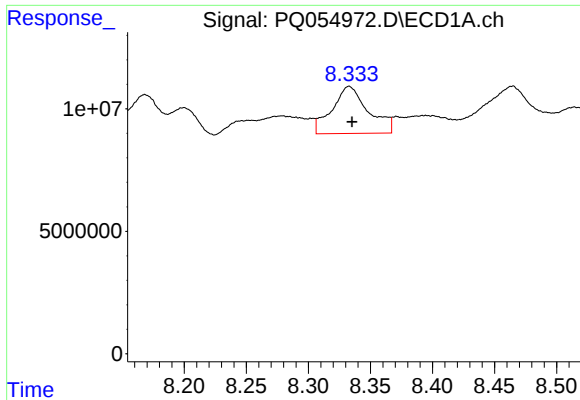
#28 AR-1254-3

R.T.: 8.037 min
Delta R.T.: -0.002 min
Response: 68887676
Conc: 49.46 ng/ml



#28 AR-1254-3

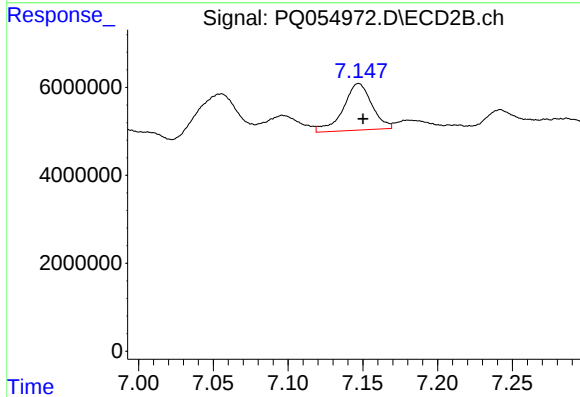
R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 33655553
Conc: 32.27 ng/ml



#29 AR-1254-4

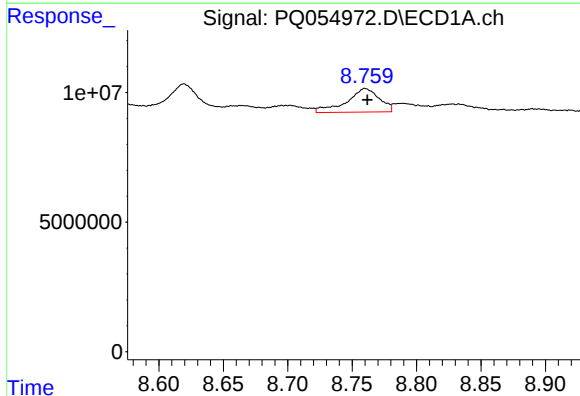
R.T.: 8.333 min
Delta R.T.: -0.002 min
Response: 39066642
Conc: 38.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



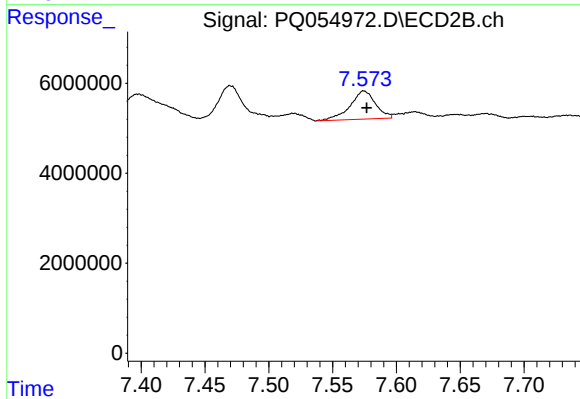
#29 AR-1254-4

R.T.: 7.147 min
Delta R.T.: -0.003 min
Response: 14131197
Conc: 20.08 ng/ml



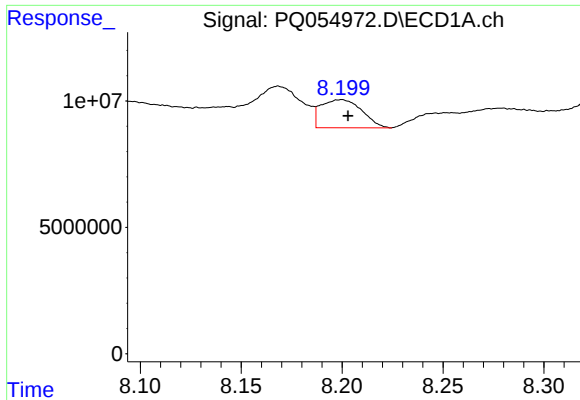
#30 AR-1254-5

R.T.: 8.760 min
Delta R.T.: -0.002 min
Response: 16111201
Conc: 14.81 ng/ml



#30 AR-1254-5

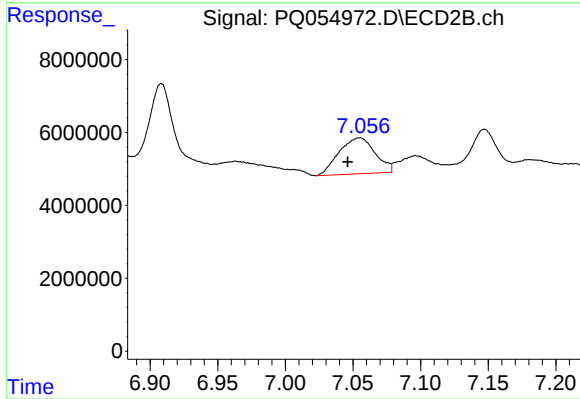
R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 8709545
Conc: 8.47 ng/ml



#31 AR-1260-1

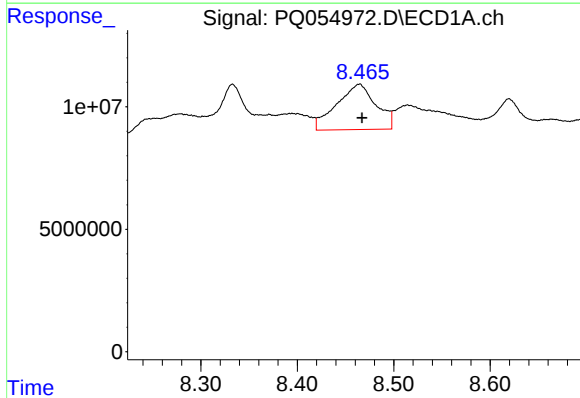
R.T.: 8.199 min
Delta R.T.: -0.004 min
Response: 15687358
Conc: 17.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



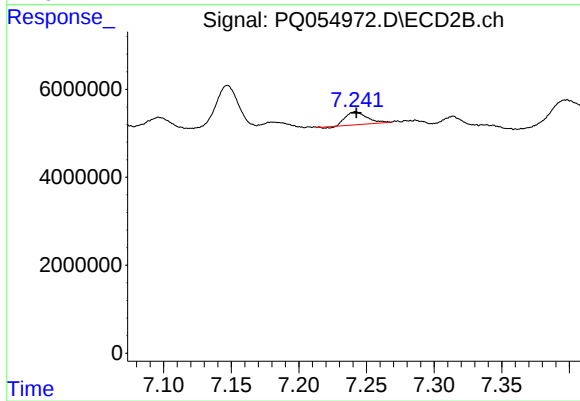
#31 AR-1260-1

R.T.: 7.055 min
Delta R.T.: 0.009 min
Response: 18297617
Conc: 28.14 ng/ml



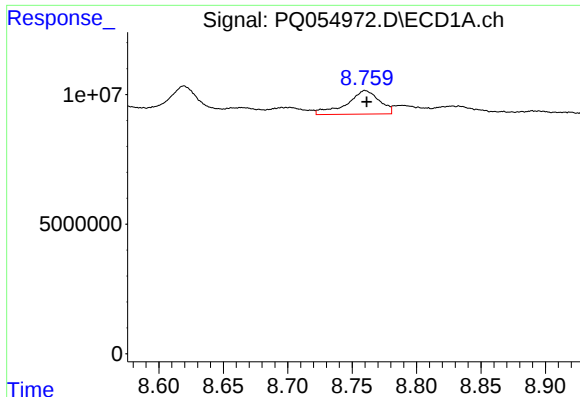
#32 AR-1260-2

R.T.: 8.464 min
Delta R.T.: -0.003 min
Response: 52580156
Conc: 46.96 ng/ml



#32 AR-1260-2

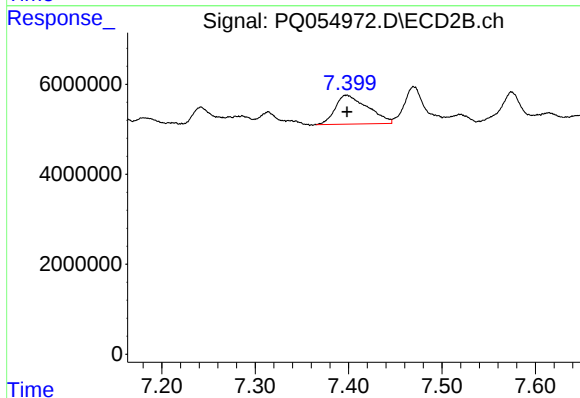
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 3174408
Conc: 3.53 ng/ml



#33 AR-1260-3

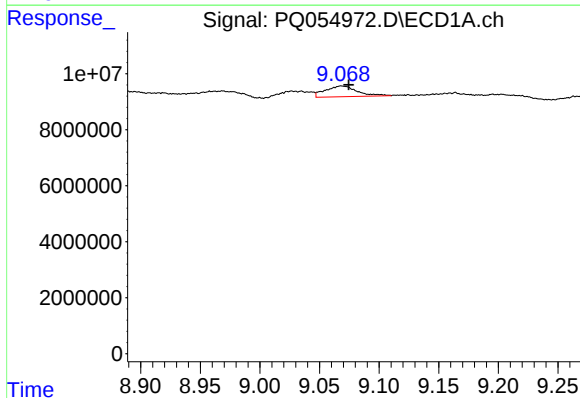
R.T.: 8.760 min
Delta R.T.: -0.001 min
Response: 16111201
Conc: 13.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



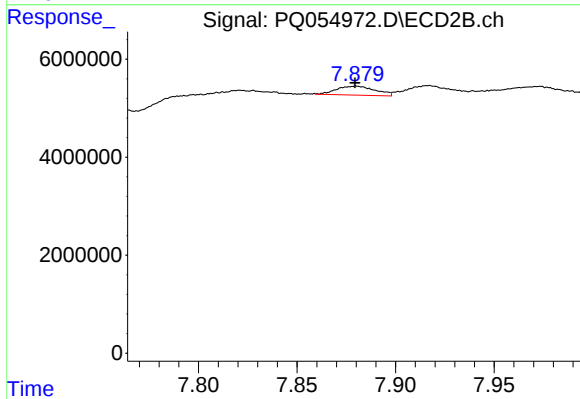
#33 AR-1260-3

R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 15527601
Conc: 19.02 ng/ml



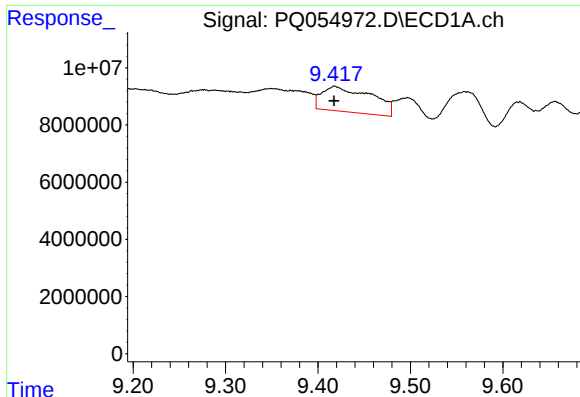
#34 AR-1260-4

R.T.: 9.068 min
Delta R.T.: -0.006 min
Response: 7072458
Conc: 7.73 ng/ml



#34 AR-1260-4

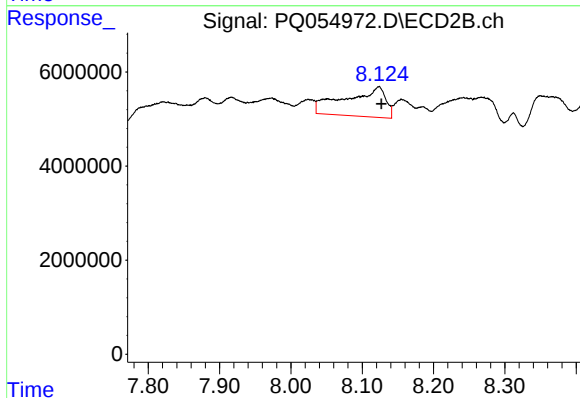
R.T.: 7.880 min
Delta R.T.: 0.000 min
Response: 2508714
Conc: 3.66 ng/ml



#35 AR-1260-5

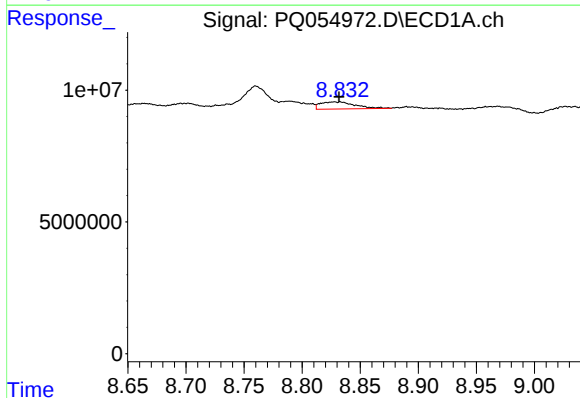
R.T.: 9.418 min
Delta R.T.: 0.000 min
Response: 32963513
Conc: 18.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



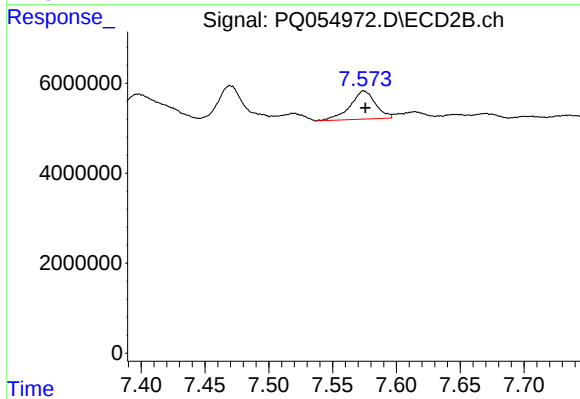
#35 AR-1260-5

R.T.: 8.124 min
Delta R.T.: -0.004 min
Response: 24999479
Conc: 13.00 ng/ml



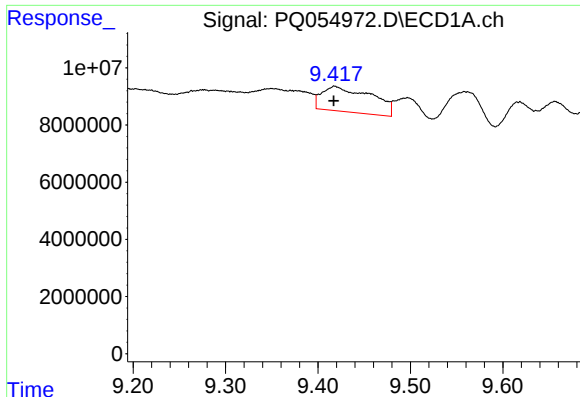
#36 AR-1262-1

R.T.: 8.833 min
Delta R.T.: 0.001 min
Response: 5550901
Conc: 4.38 ng/ml



#36 AR-1262-1

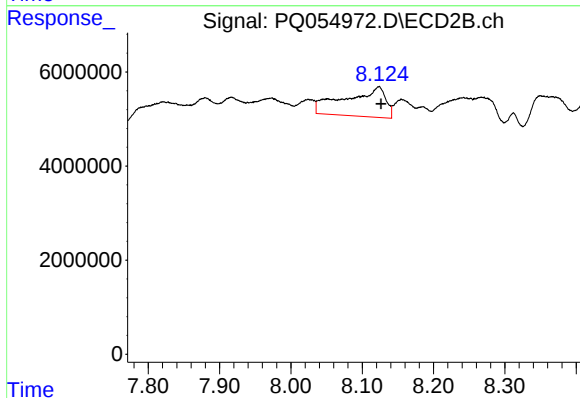
R.T.: 7.575 min
Delta R.T.: -0.001 min
Response: 8709545
Conc: 15.77 ng/ml



#37 AR-1262-2

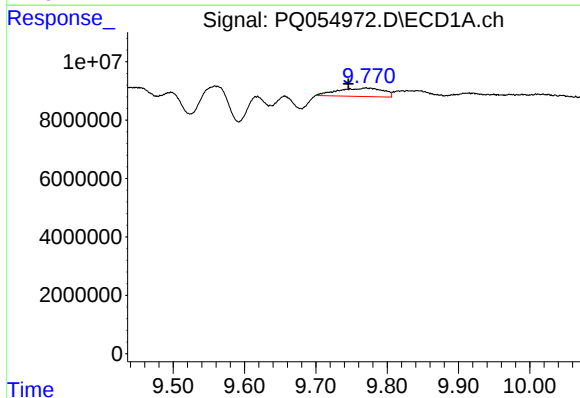
R.T.: 9.418 min
Delta R.T.: 0.000 min
Response: 32963513
Conc: 14.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



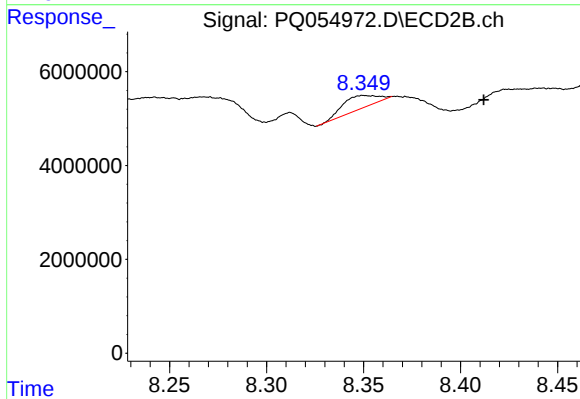
#37 AR-1262-2

R.T.: 8.124 min
Delta R.T.: -0.003 min
Response: 24999479
Conc: 10.36 ng/ml



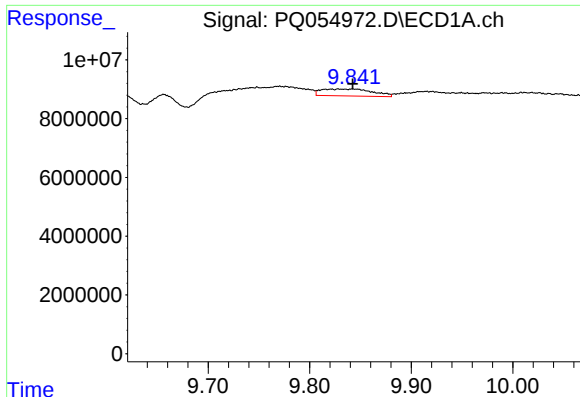
#38 AR-1262-3

R.T.: 9.770 min
Delta R.T.: 0.025 min
Response: 12672397
Conc: 12.85 ng/ml



#38 AR-1262-3

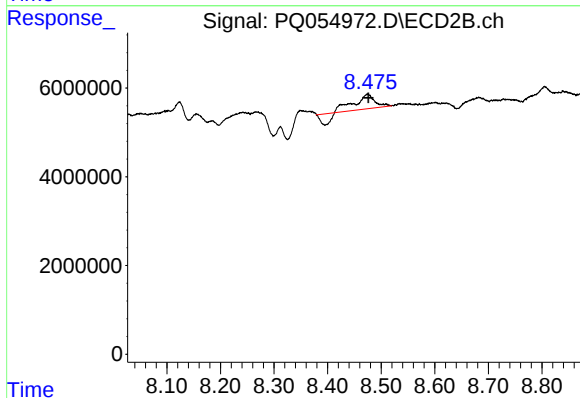
R.T.: 8.350 min
Delta R.T.: -0.062 min
Response: 3407764
Conc: 3.52 ng/ml



#39 AR-1262-4

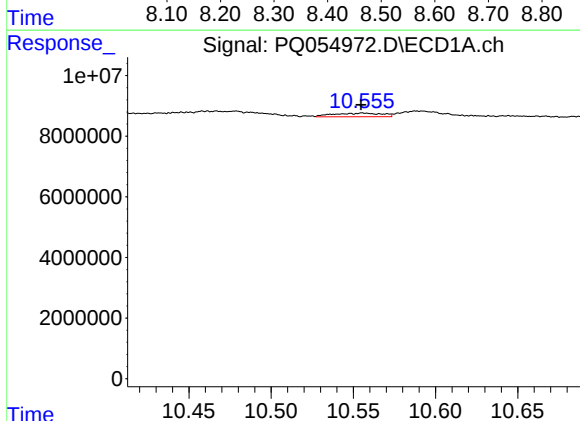
R.T.: 9.842 min
Delta R.T.: 0.000 min
Response: 8312468
Conc: 12.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



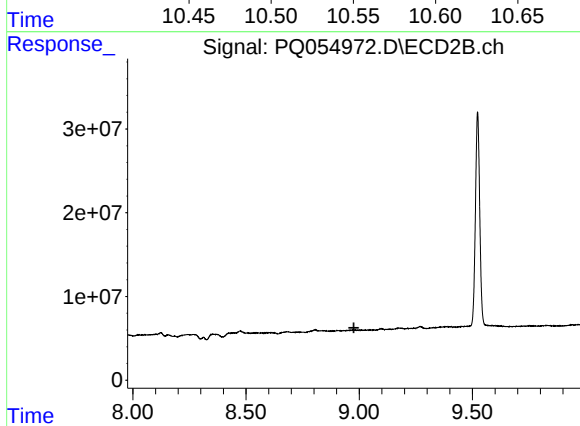
#39 AR-1262-4

R.T.: 8.475 min
Delta R.T.: -0.001 min
Response: 6429419
Conc: 3.86 ng/ml



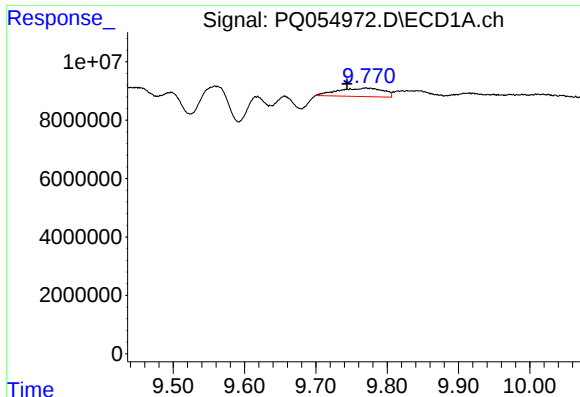
#40 AR-1262-5

R.T.: 10.556 min
Delta R.T.: 0.001 min
Response: 2494531
Conc: 2.88 ng/ml



#40 AR-1262-5

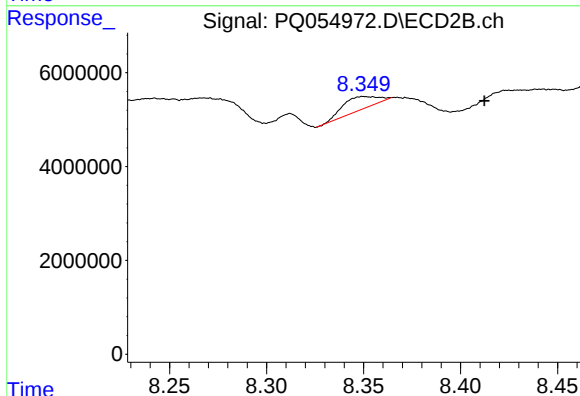
R.T.: 0.000 min
Exp R.T.: 8.976 min
Response: 0
Conc: N.D.



#41 AR-1268-1

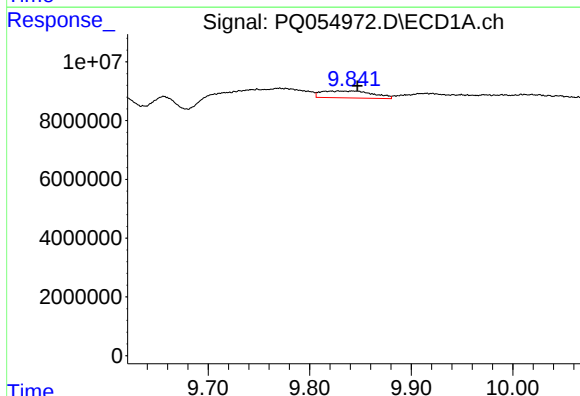
R.T.: 9.770 min
Delta R.T.: 0.026 min
Response: 12672397
Conc: 4.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



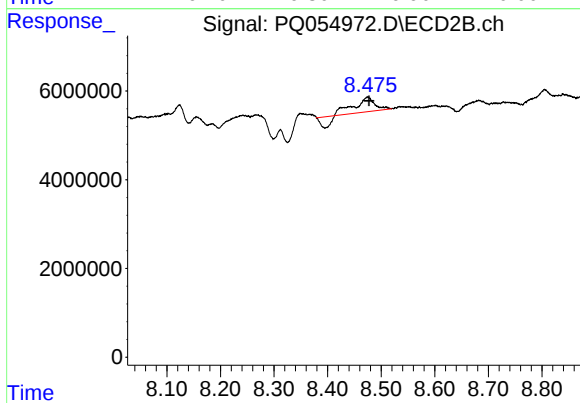
#41 AR-1268-1

R.T.: 8.350 min
Delta R.T.: -0.062 min
Response: 3407764
Conc: 1.18 ng/ml



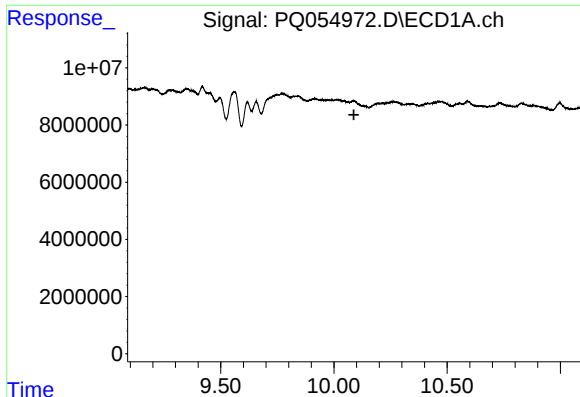
#42 AR-1268-2

R.T.: 9.842 min
Delta R.T.: -0.005 min
Response: 8312468
Conc: 3.37 ng/ml



#42 AR-1268-2

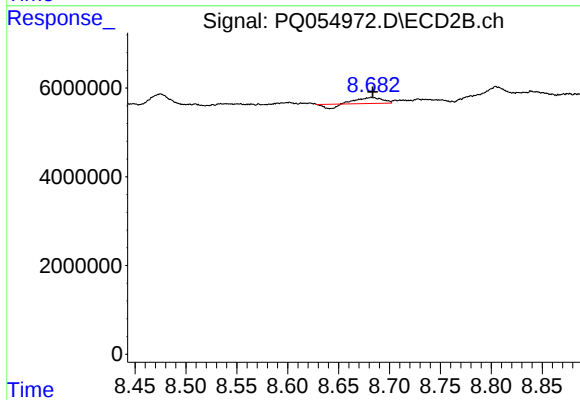
R.T.: 8.475 min
Delta R.T.: -0.003 min
Response: 6429419
Conc: 2.59 ng/ml



#43 AR-1268-3

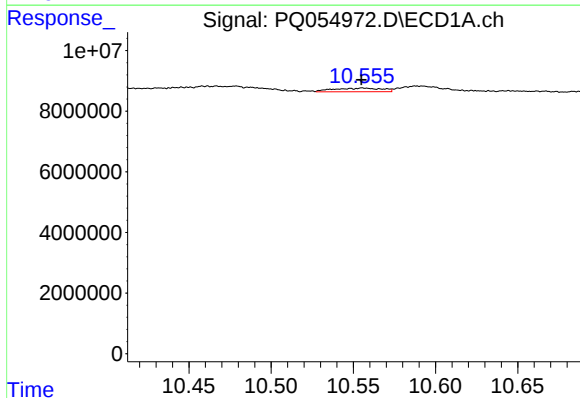
R.T.: 0.000 min
Exp R.T.: 10.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



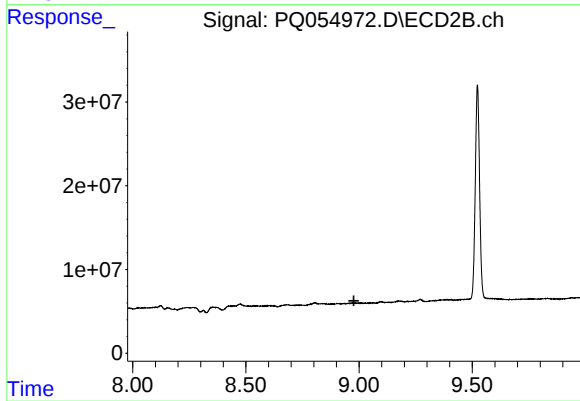
#43 AR-1268-3

R.T.: 8.683 min
Delta R.T.: 0.000 min
Response: 1713354
Conc: 0.80 ng/ml



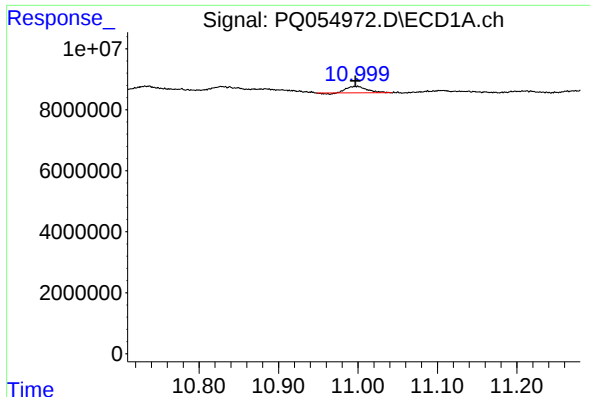
#44 AR-1268-4

R.T.: 10.556 min
Delta R.T.: 0.001 min
Response: 2494531
Conc: 2.65 ng/ml



#44 AR-1268-4

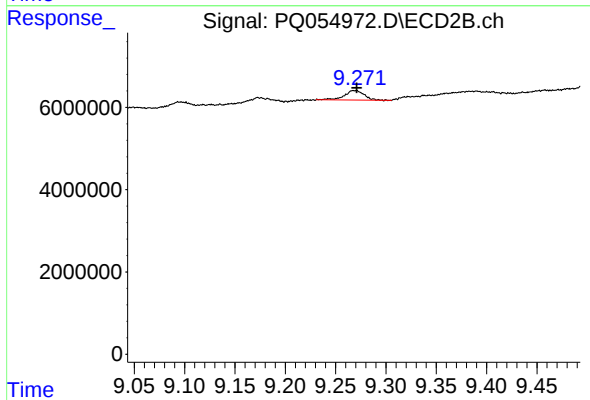
R.T.: 0.000 min
Exp R.T.: 8.977 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.999 min
Delta R.T.: 0.002 min
Response: 3632041
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.268 min
Delta R.T.: -0.003 min
Response: 3179357
Conc: 0.51 ng/ml