

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082521\
 Data File : PQ054290.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 11:49
 Operator : AJ\MA
 Sample : M3531-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 13:12:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.204	4.212	350.7E6	206.0E6	15.017	14.572
2)	SA Decachlor...	11.376	9.545	211.7E6	154.7E6	12.579	12.263
Target Compounds							
3)	L1 AR-1016-1	6.546f	5.500f	6093186	35074563	8.313	77.480 #
4)	L1 AR-1016-2	6.546	5.500	6093186	35074563	5.425	47.319 #
5)	L1 AR-1016-3	6.625	5.680	2725278	3704438	3.951	10.276 #
6)	L1 AR-1016-4	6.724	5.755f	3124465	1538340	5.492	5.390
7)	L1 AR-1016-5	7.048	5.971	7212254	4204861	13.324	11.541
8)	L2 AR-1221-1	5.475f	4.467	15780606	580817	65.224	4.076 #
9)	L2 AR-1221-2	5.560	4.568	5227510	5300097	28.858	50.242 #
10)	L2 AR-1221-3	5.654	4.631f	3782176	2085269	6.610	5.942
11)	L3 AR-1232-1	5.654	4.631f	3782176	2085269	9.681	8.934
12)	L3 AR-1232-2	0.000	5.500	0	35074563	N.D.	121.104 #
13)	L3 AR-1232-3	6.546	5.680	6093186	3704438	14.200	27.921 #
14)	L3 AR-1232-4	6.724	5.798f	3124465	5132894	14.426	44.982 #
15)	L3 AR-1232-5	6.821	5.971	7120360	4204861	43.814	32.719 #
16)	L4 AR-1242-1	6.546f	5.500f	6093186	35074563	13.269	128.999 #
17)	L4 AR-1242-2	6.546	5.500	6093186	35074563	8.645	74.522 #
18)	L4 AR-1242-3	6.625	5.680	2725278	3704438	6.260	16.791 #
19)	L4 AR-1242-4	6.724	5.798f	3124465	5132894	8.689	23.726 #
20)	L4 AR-1242-5	7.529f	6.350	25648116	66883967	69.669	225.462 #
21)	L5 AR-1248-1	6.546f	5.500f	6093186	35074563	16.425	155.461 #
22)	L5 AR-1248-2	6.821	5.755f	7120360	1538340	13.594	4.687 #
23)	L5 AR-1248-3	7.048	5.798f	7212254	5132894	12.153	15.522 #
24)	L5 AR-1248-4	7.454f	5.971	117.5E6	4204861	176.894	10.595 #
25)	L5 AR-1248-5	7.529f	6.392	25648116	10500295	39.392	26.346 #
26)	L6 AR-1254-1	7.454f	6.350	117.5E6	66883967	166.259	100.016 #
27)	L6 AR-1254-2	7.684f	6.499	61762519	5854835	56.405	9.522 #
28)	L6 AR-1254-3	8.060	6.923	43784731	3385720	37.229	3.506 #
29)	L6 AR-1254-4	8.330f	7.176	28369985	5285550	32.190	7.931 #
30)	L6 AR-1254-5	8.768	7.589	11450189	27111614	11.734	27.797 #
31)	L7 AR-1260-1	8.214	7.058	11632861	5188479	11.848	6.922 #
32)	L7 AR-1260-2	8.478	7.255	107.5E6	1827975	94.684	1.750 #
33)	L7 AR-1260-3	8.841	7.412	7149792	4235594	10.108	4.867 #
34)	L7 AR-1260-4	9.075	7.894	22053335	5803243	24.929	9.320 #
35)	L7 AR-1260-5	9.429	8.141	10720018	14235308	6.368	8.308 #
36)	L8 AR-1262-1	8.841	7.589	7149792	27111614	7.228	59.990 #
37)	L8 AR-1262-2	9.429	8.141	10720018	14235308	5.939	7.559 #
38)	L8 AR-1262-3	9.755	8.428	6989103	3296123	5.704	4.294
39)	L8 AR-1262-4	0.000	8.488	0	11686212	N.D.	9.348 #
40)	L8 AR-1262-5	10.571	8.993	19771337	4522654	29.829	7.836 #
41)	L9 AR-1268-1	9.755	8.428	6989103	3296123	3.314	1.461 #

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 Operator : AJ\MA
 Sample : M3531-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

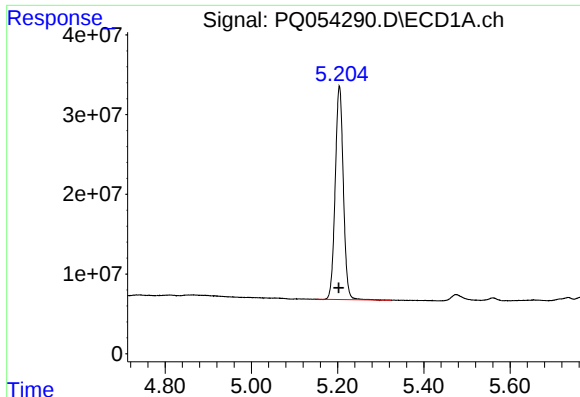
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 13:12:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
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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	0.000	8.488	0	11686212	N.D.	6.256 #
43) L9	AR-1268-3	10.102	8.707	21253041	1092950	13.201	0.654 #
44) L9	AR-1268-4	10.571	8.993	19771337	4522654	27.031	6.935 #
45) L9	AR-1268-5	0.000	9.292	0	4184182	N.D.	0.888 #

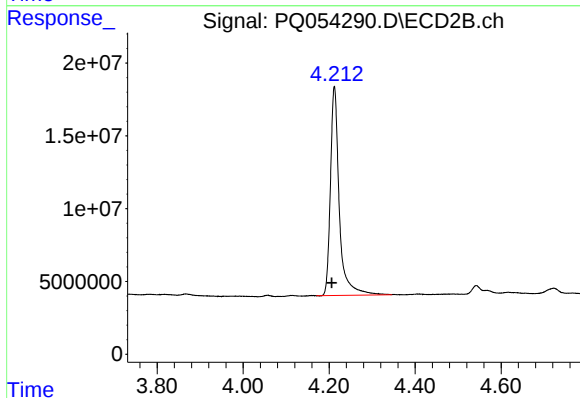
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

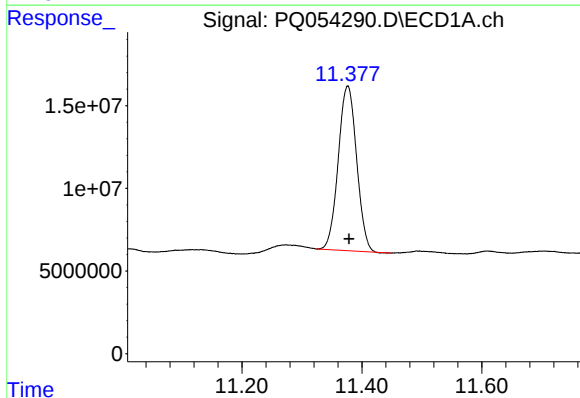
R.T.: 5.204 min
Delta R.T.: 0.001 min
Response: 350679209
Conc: 15.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



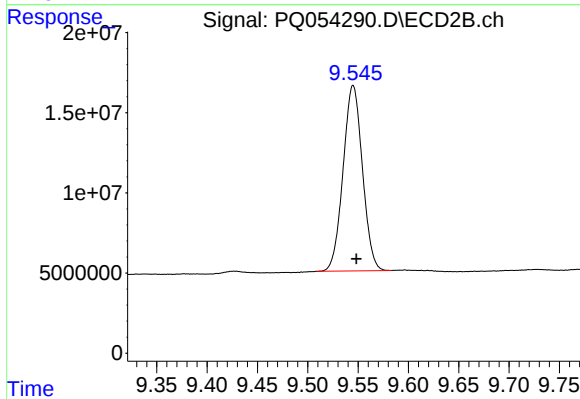
#1 Tetrachloro-m-xylene

R.T.: 4.212 min
Delta R.T.: 0.006 min
Response: 206010187
Conc: 14.57 ng/ml



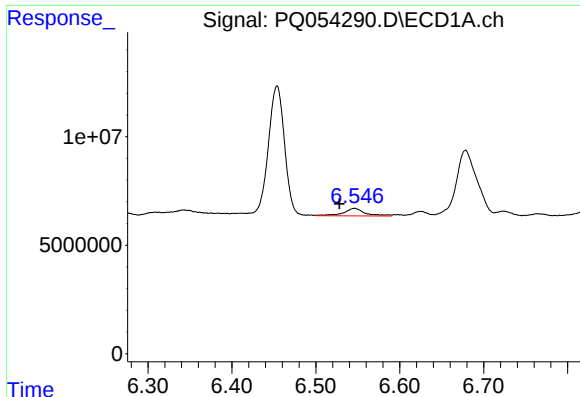
#2 Decachlorobiphenyl

R.T.: 11.376 min
Delta R.T.: -0.002 min
Response: 211654226
Conc: 12.58 ng/ml



#2 Decachlorobiphenyl

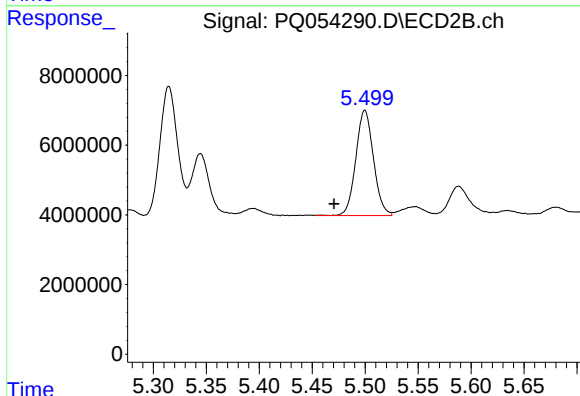
R.T.: 9.545 min
Delta R.T.: -0.003 min
Response: 154684680
Conc: 12.26 ng/ml



#3 AR-1016-1

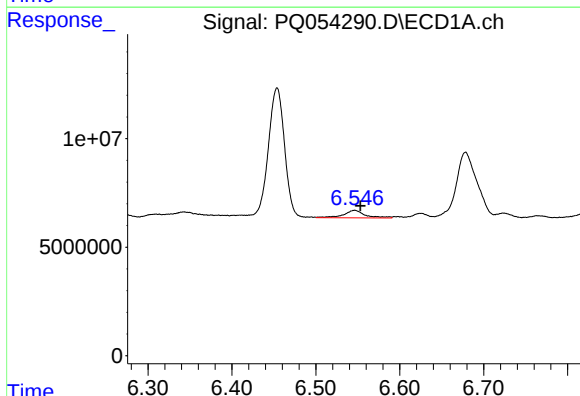
R.T.: 6.546 min
Delta R.T.: 0.018 min
Response: 6093186
Conc: 8.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



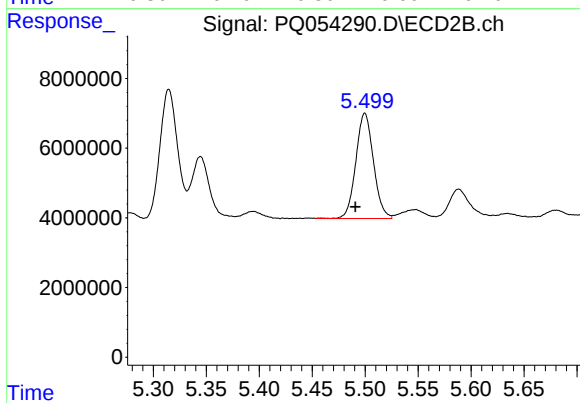
#3 AR-1016-1

R.T.: 5.500 min
Delta R.T.: 0.029 min
Response: 35074563
Conc: 77.48 ng/ml



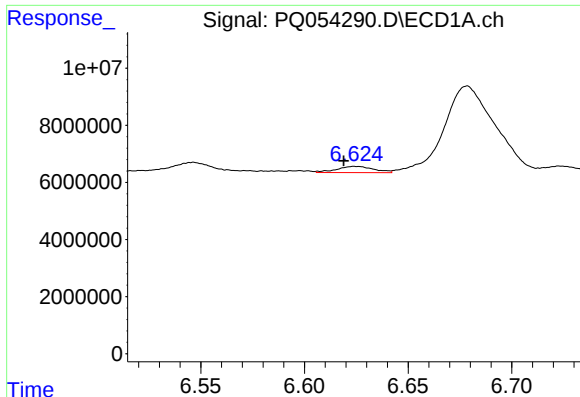
#4 AR-1016-2

R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 6093186
Conc: 5.42 ng/ml



#4 AR-1016-2

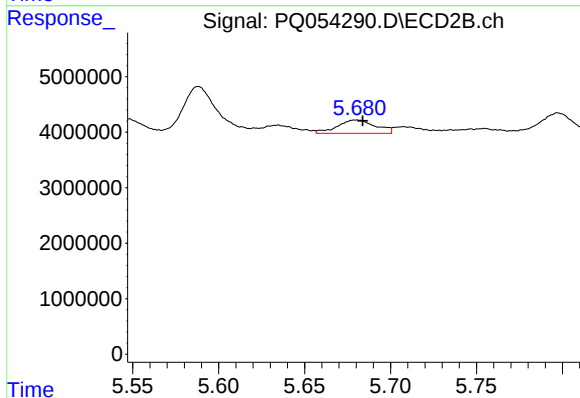
R.T.: 5.500 min
Delta R.T.: 0.009 min
Response: 35074563
Conc: 47.32 ng/ml



#5 AR-1016-3

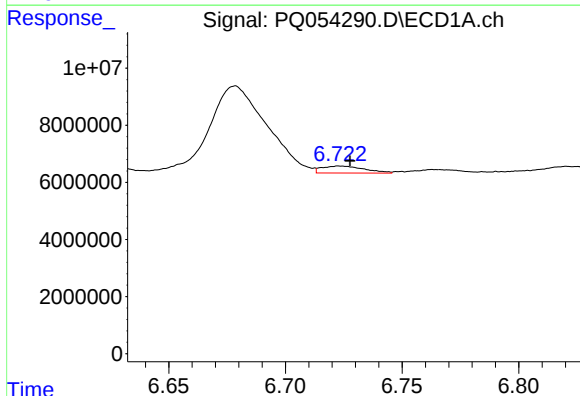
R.T.: 6.625 min
Delta R.T.: 0.006 min
Response: 2725278
Conc: 3.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



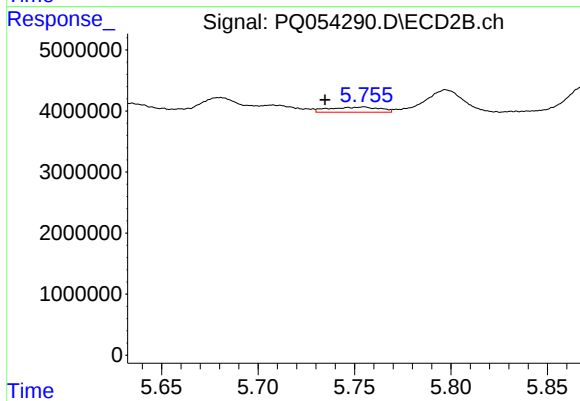
#5 AR-1016-3

R.T.: 5.680 min
Delta R.T.: -0.004 min
Response: 3704438
Conc: 10.28 ng/ml



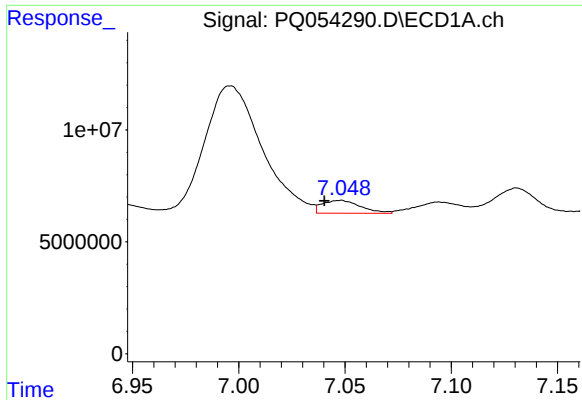
#6 AR-1016-4

R.T.: 6.724 min
Delta R.T.: -0.004 min
Response: 3124465
Conc: 5.49 ng/ml



#6 AR-1016-4

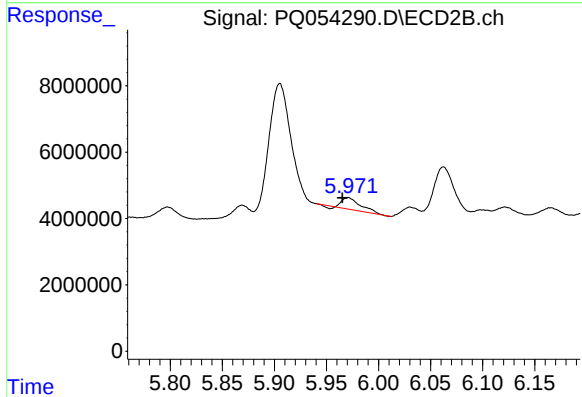
R.T.: 5.755 min
Delta R.T.: 0.020 min
Response: 1538340
Conc: 5.39 ng/ml



#7 AR-1016-5

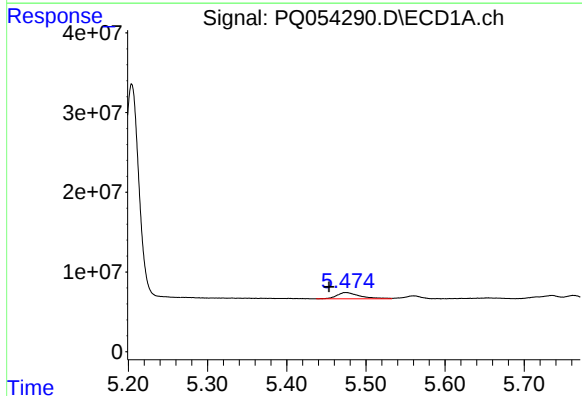
R.T.: 7.048 min
Delta R.T.: 0.008 min
Response: 7212254
Conc: 13.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



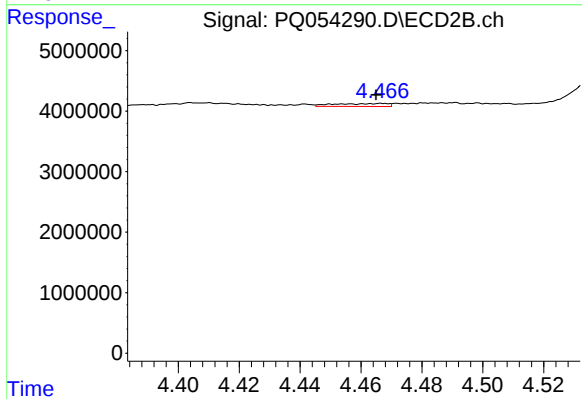
#7 AR-1016-5

R.T.: 5.971 min
Delta R.T.: 0.006 min
Response: 4204861
Conc: 11.54 ng/ml



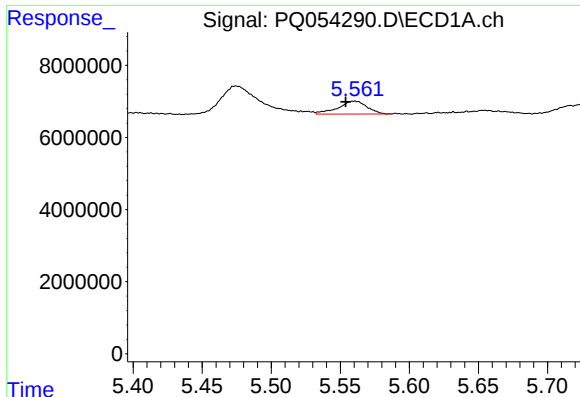
#8 AR-1221-1

R.T.: 5.475 min
Delta R.T.: 0.021 min
Response: 15780606
Conc: 65.22 ng/ml



#8 AR-1221-1

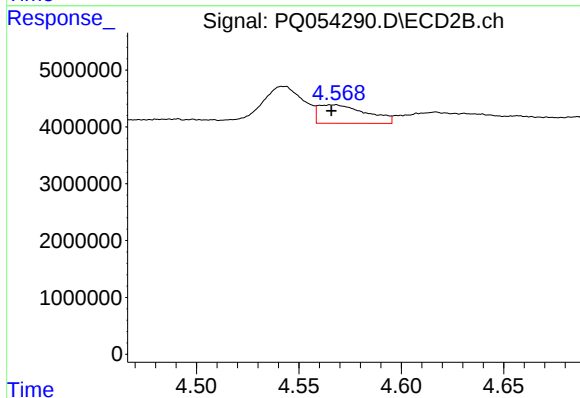
R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 580817
Conc: 4.08 ng/ml



#9 AR-1221-2

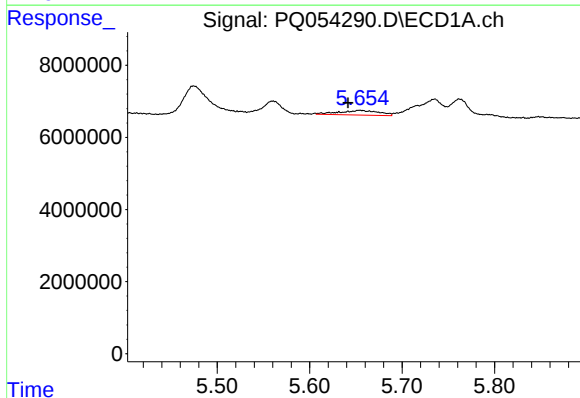
R.T.: 5.560 min
Delta R.T.: 0.006 min
Response: 5227510
Conc: 28.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



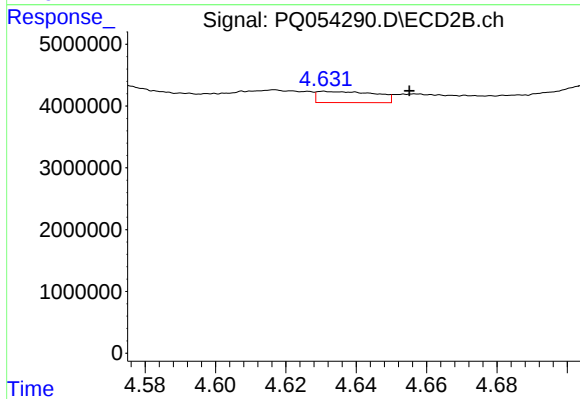
#9 AR-1221-2

R.T.: 4.568 min
Delta R.T.: 0.002 min
Response: 5300097
Conc: 50.24 ng/ml



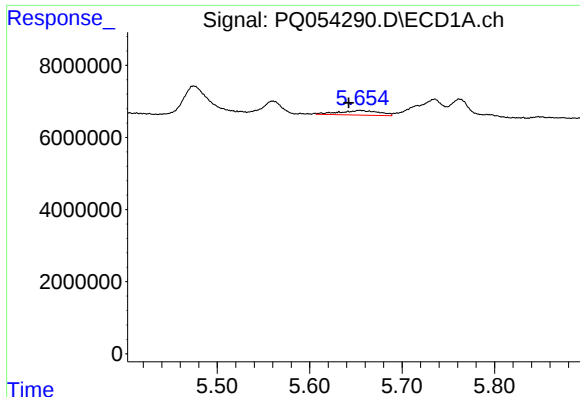
#10 AR-1221-3

R.T.: 5.654 min
Delta R.T.: 0.013 min
Response: 3782176
Conc: 6.61 ng/ml



#10 AR-1221-3

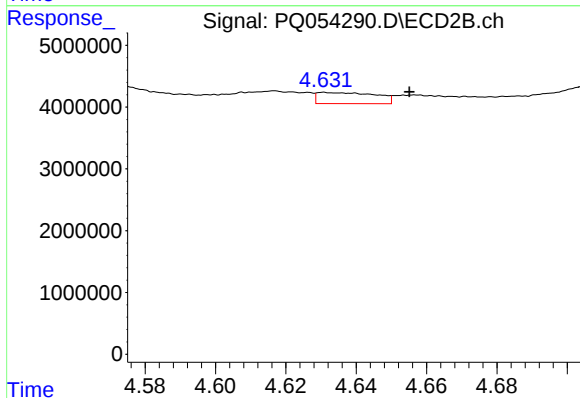
R.T.: 4.631 min
Delta R.T.: -0.024 min
Response: 2085269
Conc: 5.94 ng/ml



#11 AR-1232-1

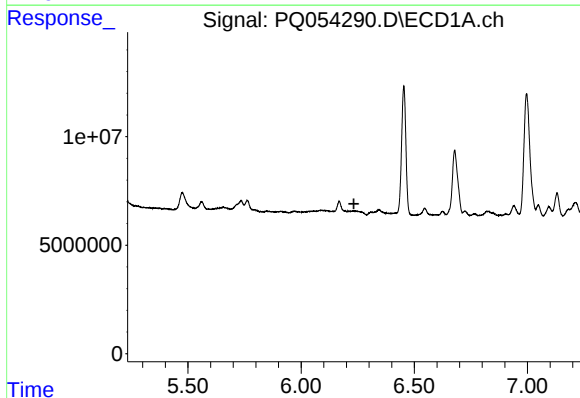
R.T.: 5.654 min
Delta R.T.: 0.012 min
Response: 3782176
Conc: 9.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



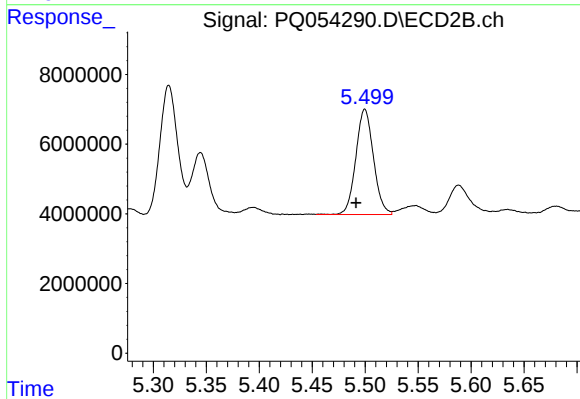
#11 AR-1232-1

R.T.: 4.631 min
Delta R.T.: -0.024 min
Response: 2085269
Conc: 8.93 ng/ml



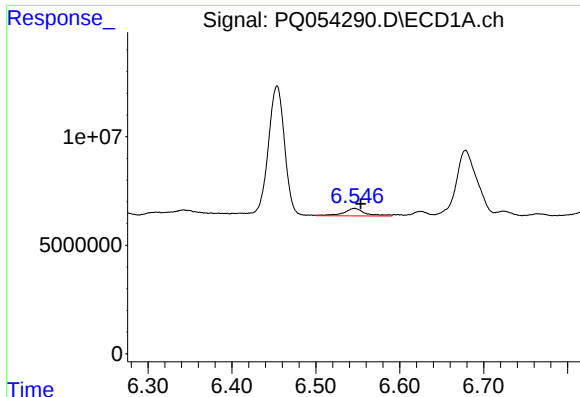
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.



#12 AR-1232-2

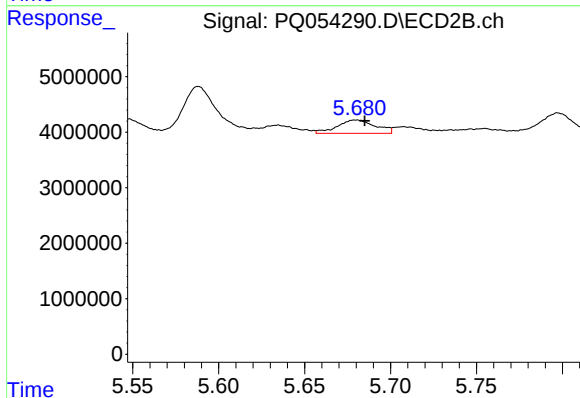
R.T.: 5.500 min
Delta R.T.: 0.008 min
Response: 35074563
Conc: 121.10 ng/ml



#13 AR-1232-3

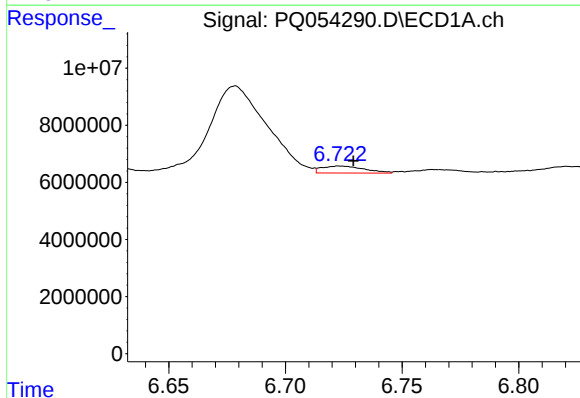
R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 6093186
Conc: 14.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



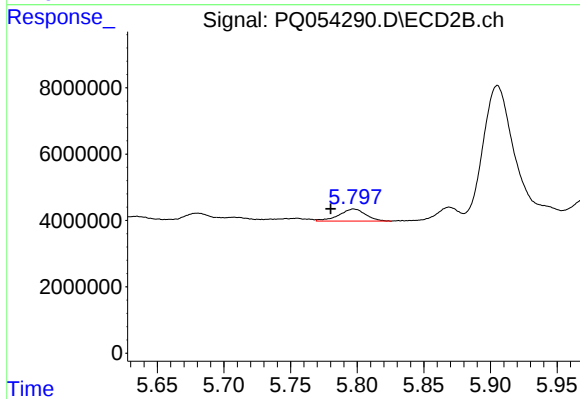
#13 AR-1232-3

R.T.: 5.680 min
Delta R.T.: -0.005 min
Response: 3704438
Conc: 27.92 ng/ml



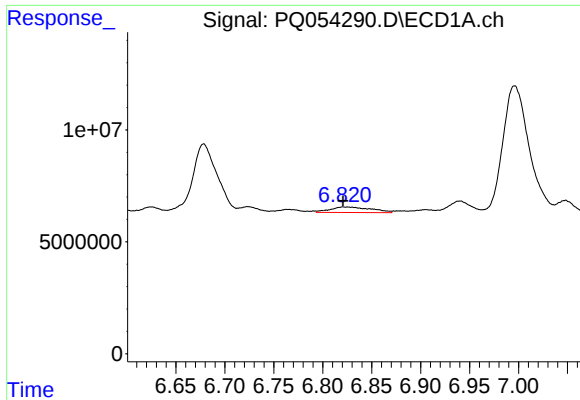
#14 AR-1232-4

R.T.: 6.724 min
Delta R.T.: -0.006 min
Response: 3124465
Conc: 14.43 ng/ml



#14 AR-1232-4

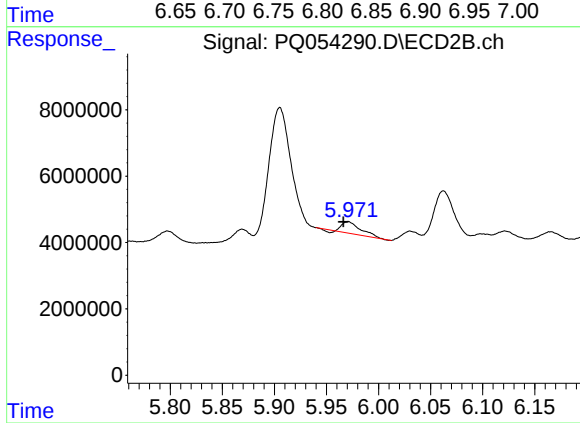
R.T.: 5.798 min
Delta R.T.: 0.017 min
Response: 5132894
Conc: 44.98 ng/ml



#15 AR-1232-5

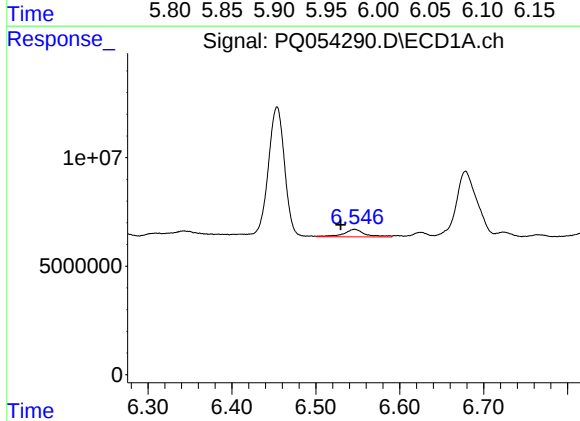
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 7120360
Conc: 43.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



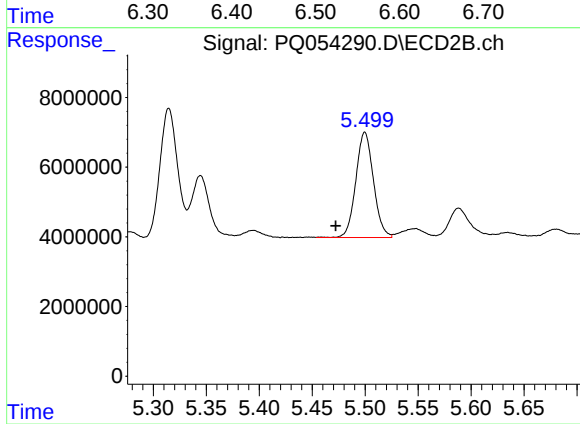
#15 AR-1232-5

R.T.: 5.971 min
Delta R.T.: 0.005 min
Response: 4204861
Conc: 32.72 ng/ml



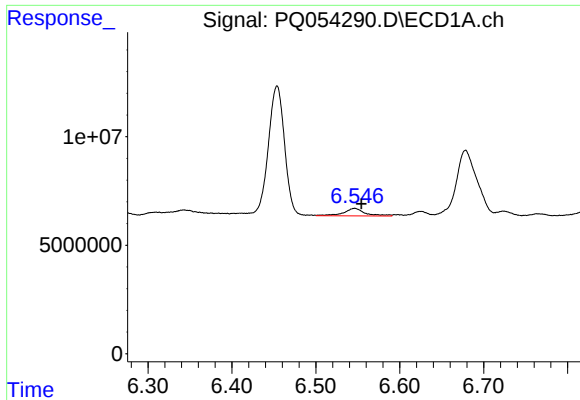
#16 AR-1242-1

R.T.: 6.546 min
Delta R.T.: 0.017 min
Response: 6093186
Conc: 13.27 ng/ml



#16 AR-1242-1

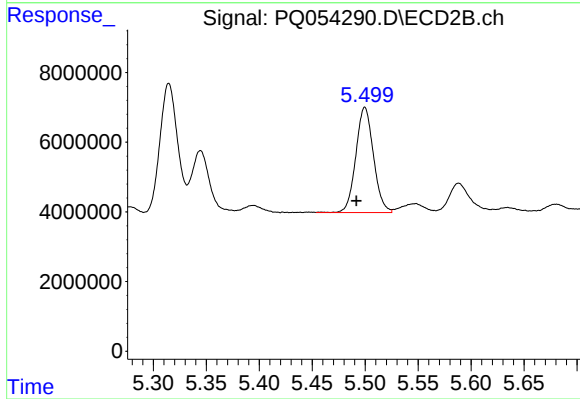
R.T.: 5.500 min
Delta R.T.: 0.027 min
Response: 35074563
Conc: 129.00 ng/ml



#17 AR-1242-2

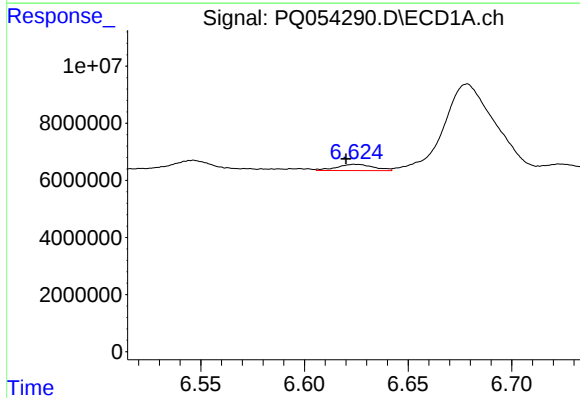
R.T.: 6.546 min
Delta R.T.: -0.008 min
Response: 6093186
Conc: 8.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



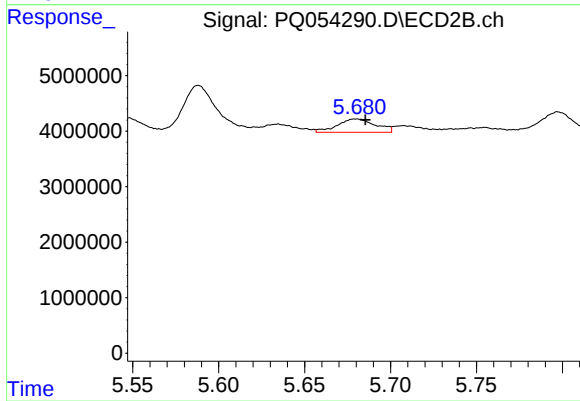
#17 AR-1242-2

R.T.: 5.500 min
Delta R.T.: 0.008 min
Response: 35074563
Conc: 74.52 ng/ml



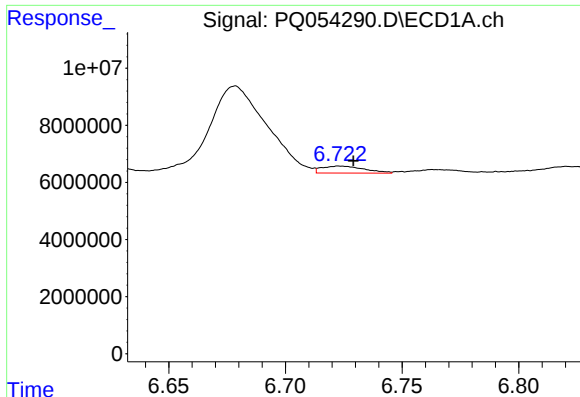
#18 AR-1242-3

R.T.: 6.625 min
Delta R.T.: 0.005 min
Response: 2725278
Conc: 6.26 ng/ml



#18 AR-1242-3

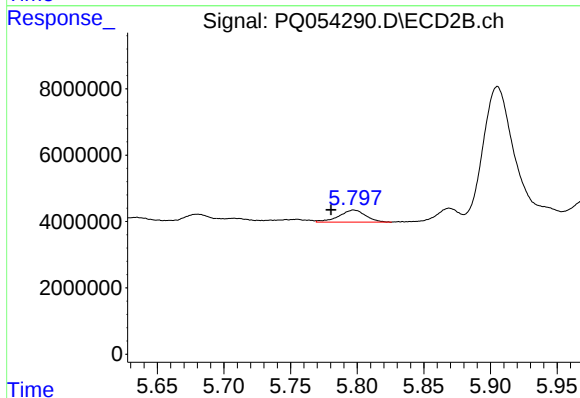
R.T.: 5.680 min
Delta R.T.: -0.005 min
Response: 3704438
Conc: 16.79 ng/ml



#19 AR-1242-4

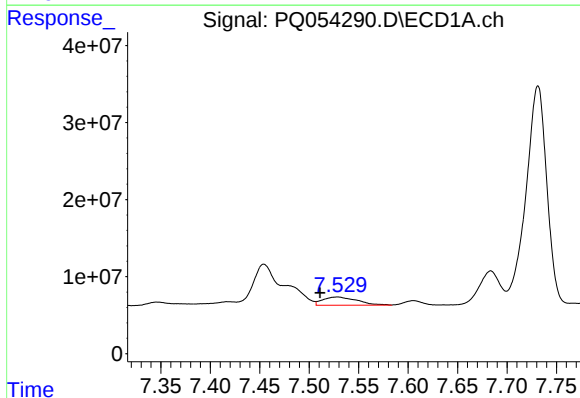
R.T.: 6.724 min
Delta R.T.: -0.006 min
Response: 3124465
Conc: 8.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



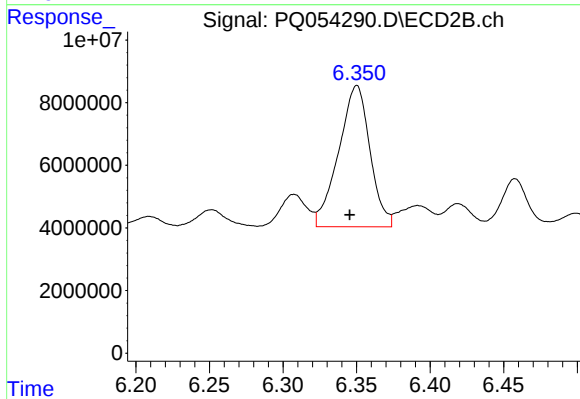
#19 AR-1242-4

R.T.: 5.798 min
Delta R.T.: 0.017 min
Response: 5132894
Conc: 23.73 ng/ml



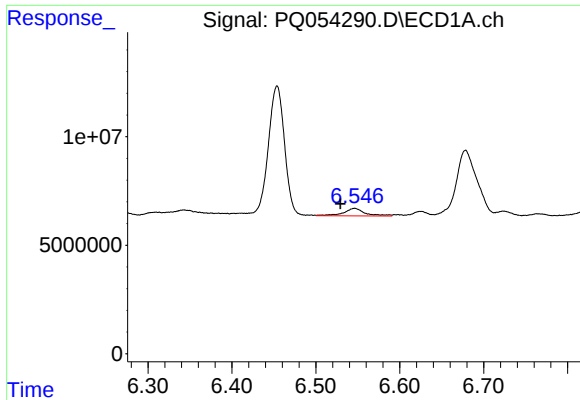
#20 AR-1242-5

R.T.: 7.529 min
Delta R.T.: 0.018 min
Response: 25648116
Conc: 69.67 ng/ml



#20 AR-1242-5

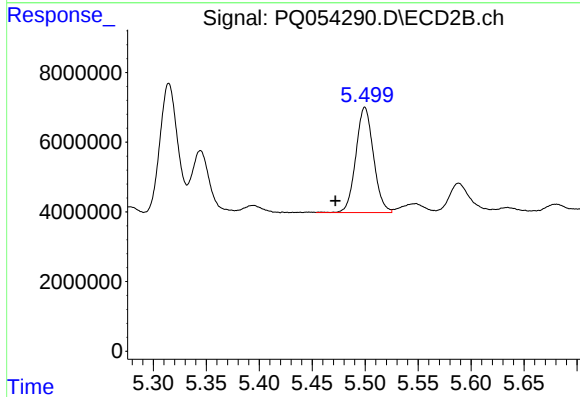
R.T.: 6.350 min
Delta R.T.: 0.005 min
Response: 66883967
Conc: 225.46 ng/ml



#21 AR-1248-1

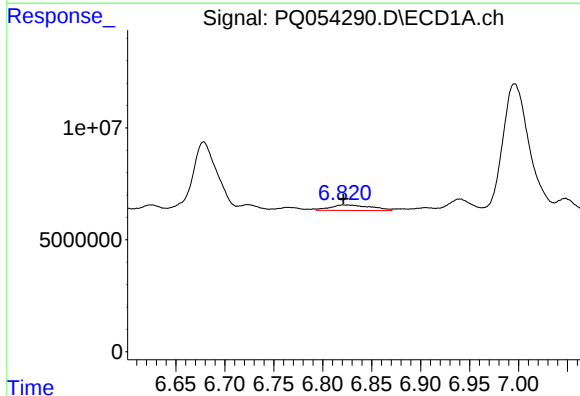
R.T.: 6.546 min
Delta R.T.: 0.017 min
Response: 6093186
Conc: 16.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



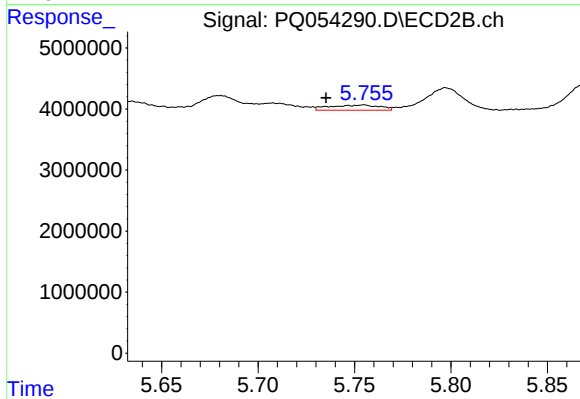
#21 AR-1248-1

R.T.: 5.500 min
Delta R.T.: 0.028 min
Response: 35074563
Conc: 155.46 ng/ml



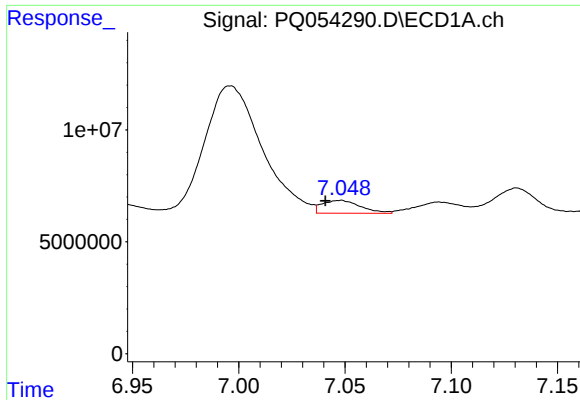
#22 AR-1248-2

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 7120360
Conc: 13.59 ng/ml



#22 AR-1248-2

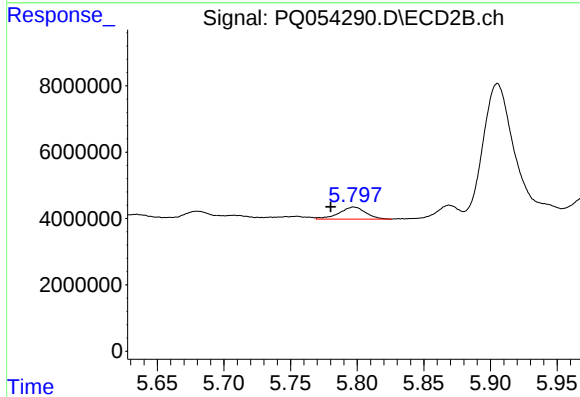
R.T.: 5.755 min
Delta R.T.: 0.020 min
Response: 1538340
Conc: 4.69 ng/ml



#23 AR-1248-3

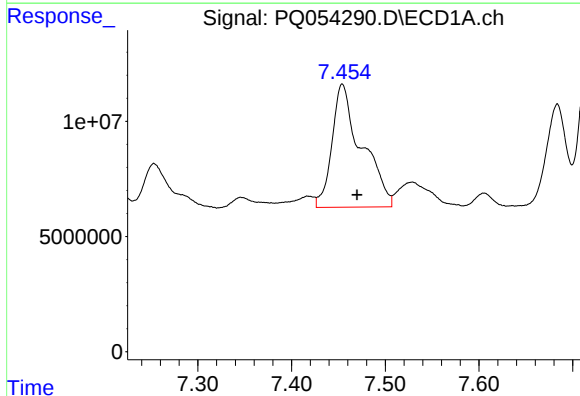
R.T.: 7.048 min
Delta R.T.: 0.007 min
Response: 7212254
Conc: 12.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



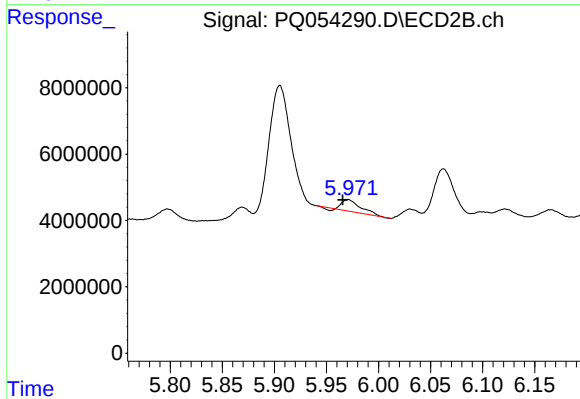
#23 AR-1248-3

R.T.: 5.798 min
Delta R.T.: 0.018 min
Response: 5132894
Conc: 15.52 ng/ml



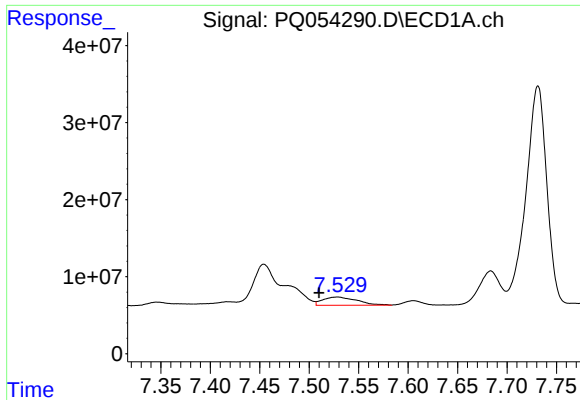
#24 AR-1248-4

R.T.: 7.454 min
Delta R.T.: -0.016 min
Response: 117507317
Conc: 176.89 ng/ml



#24 AR-1248-4

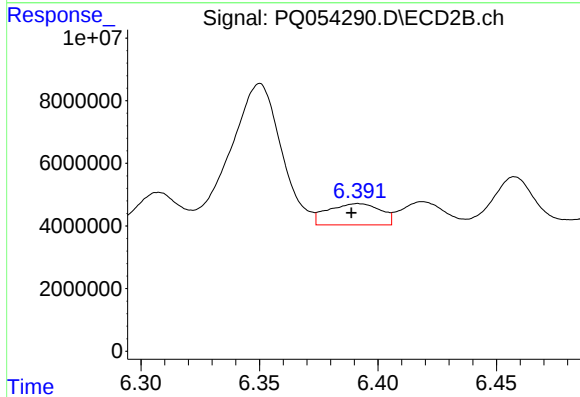
R.T.: 5.971 min
Delta R.T.: 0.005 min
Response: 4204861
Conc: 10.59 ng/ml



#25 AR-1248-5

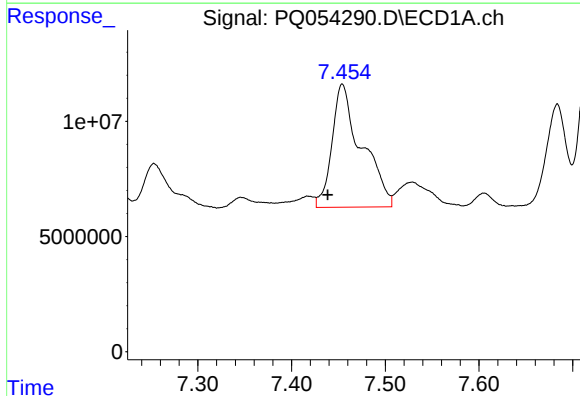
R.T.: 7.529 min
Delta R.T.: 0.019 min
Response: 25648116
Conc: 39.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



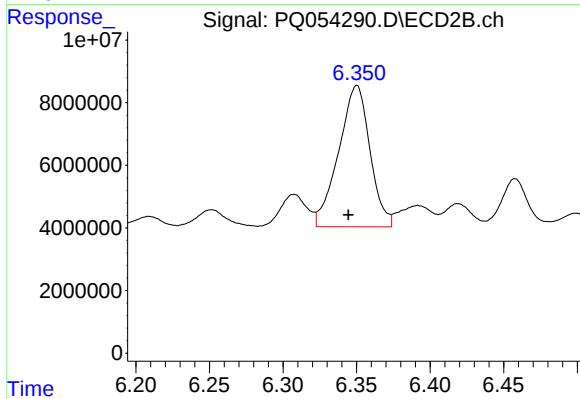
#25 AR-1248-5

R.T.: 6.392 min
Delta R.T.: 0.003 min
Response: 10500295
Conc: 26.35 ng/ml



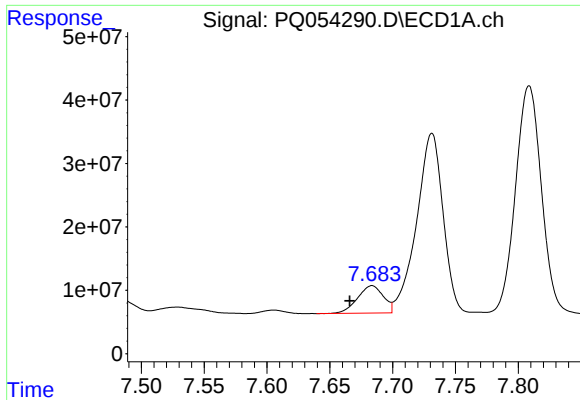
#26 AR-1254-1

R.T.: 7.454 min
Delta R.T.: 0.016 min
Response: 117507317
Conc: 166.26 ng/ml



#26 AR-1254-1

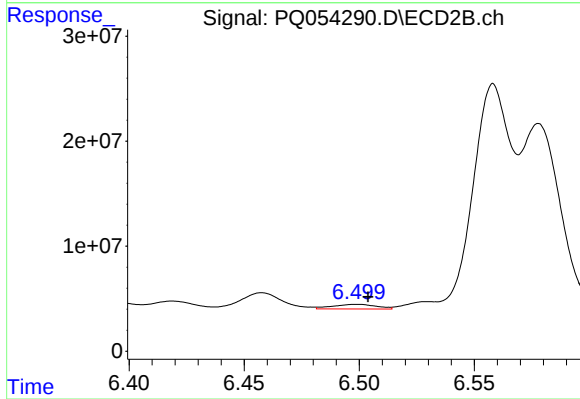
R.T.: 6.350 min
Delta R.T.: 0.006 min
Response: 66883967
Conc: 100.02 ng/ml



#27 AR-1254-2

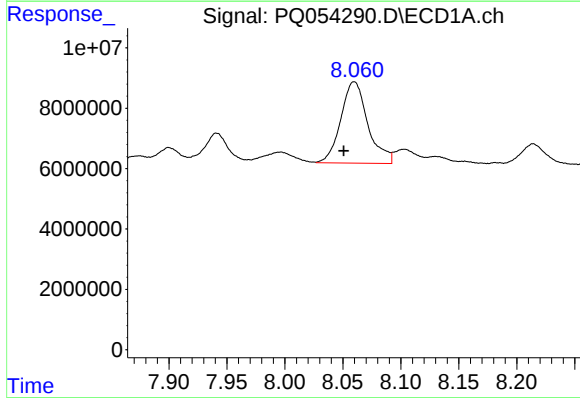
R.T.: 7.684 min
Delta R.T.: 0.018 min
Response: 61762519
Conc: 56.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



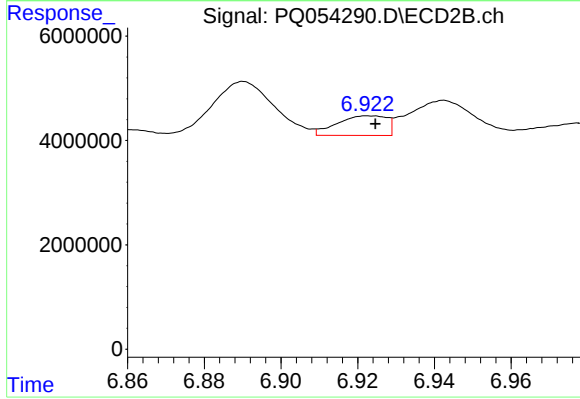
#27 AR-1254-2

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 5854835
Conc: 9.52 ng/ml



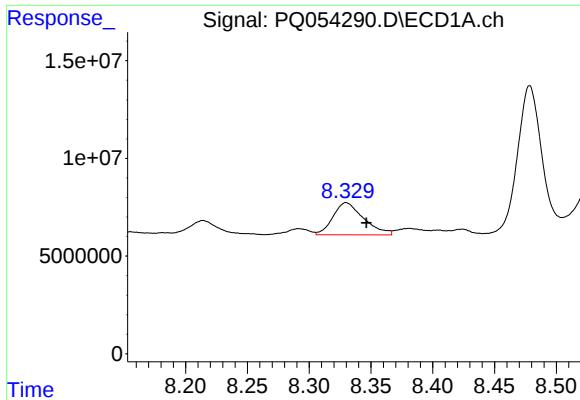
#28 AR-1254-3

R.T.: 8.060 min
Delta R.T.: 0.009 min
Response: 43784731
Conc: 37.23 ng/ml



#28 AR-1254-3

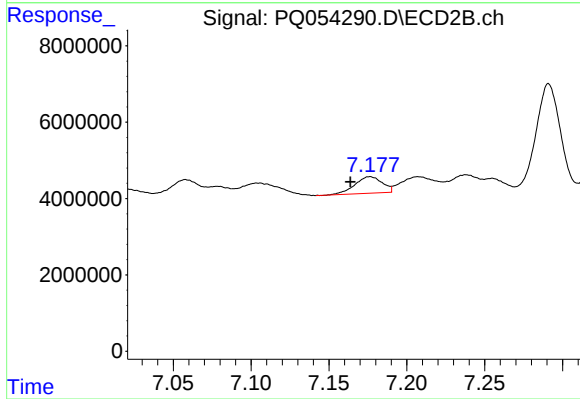
R.T.: 6.923 min
Delta R.T.: -0.002 min
Response: 3385720
Conc: 3.51 ng/ml



#29 AR-1254-4

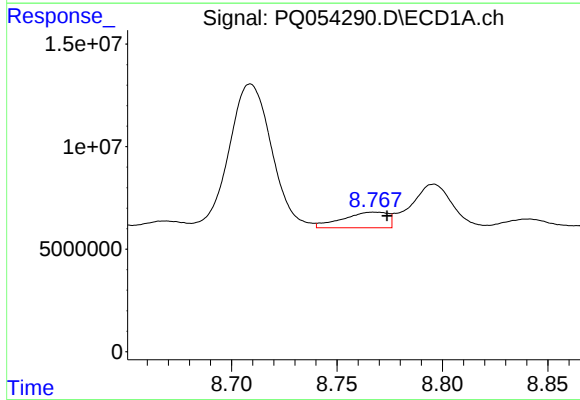
R.T.: 8.330 min
Delta R.T.: -0.016 min
Response: 28369985
Conc: 32.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



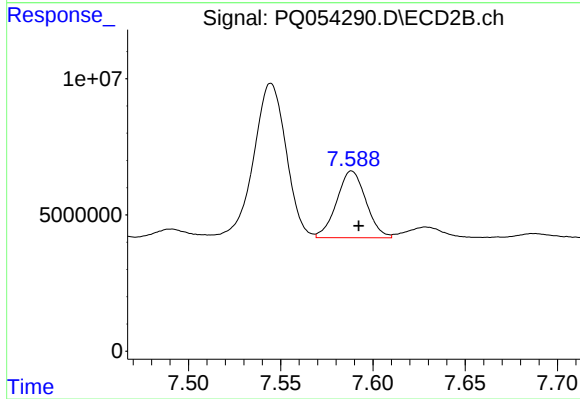
#29 AR-1254-4

R.T.: 7.176 min
Delta R.T.: 0.013 min
Response: 5285550
Conc: 7.93 ng/ml



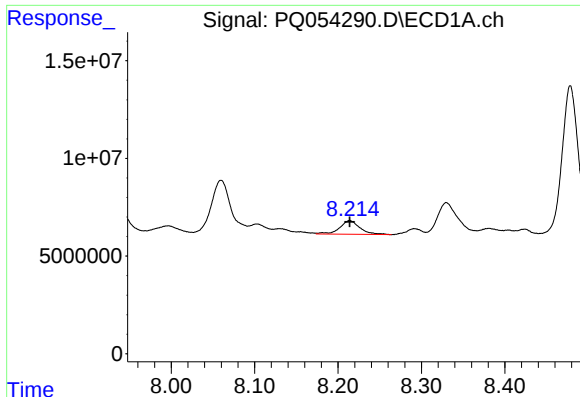
#30 AR-1254-5

R.T.: 8.768 min
Delta R.T.: -0.006 min
Response: 11450189
Conc: 11.73 ng/ml



#30 AR-1254-5

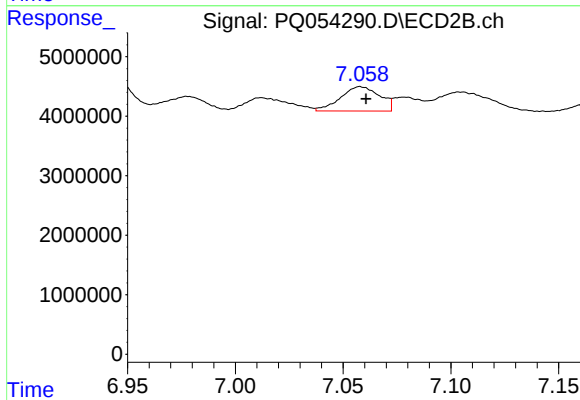
R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 27111614
Conc: 27.80 ng/ml



#31 AR-1260-1

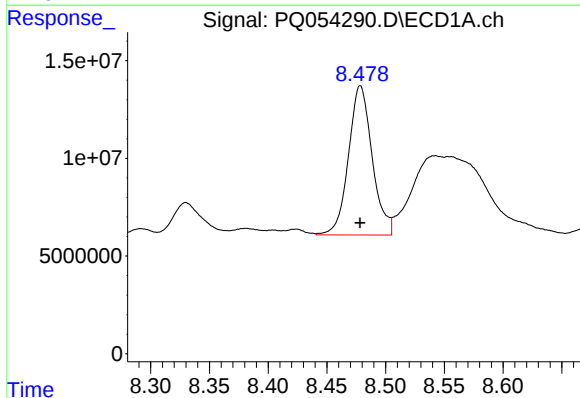
R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 11632861
Conc: 11.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



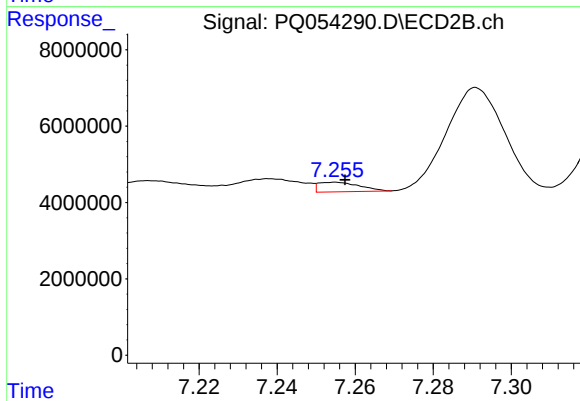
#31 AR-1260-1

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 5188479
Conc: 6.92 ng/ml



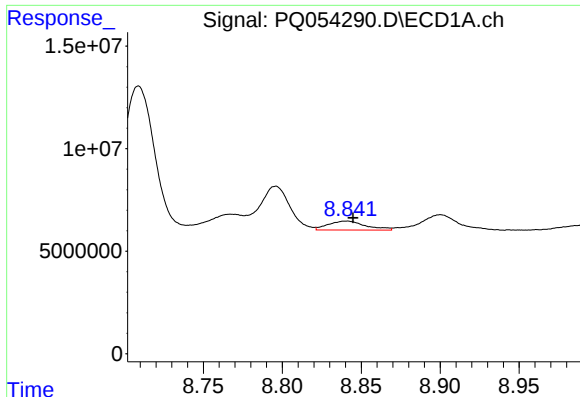
#32 AR-1260-2

R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 107501285
Conc: 94.68 ng/ml



#32 AR-1260-2

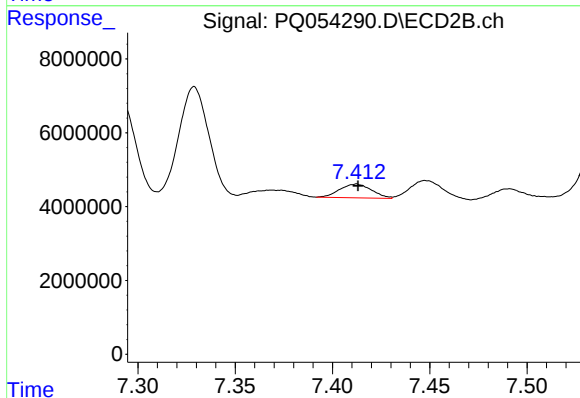
R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 1827975
Conc: 1.75 ng/ml



#33 AR-1260-3

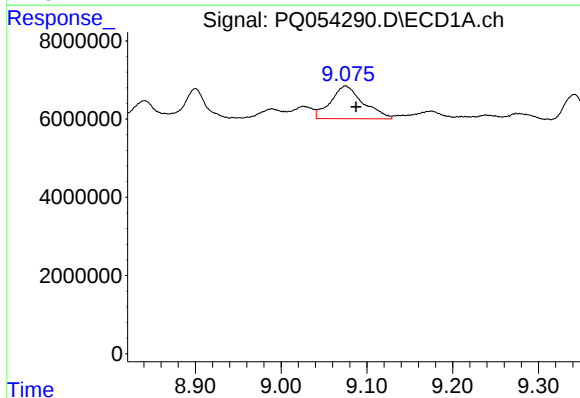
R.T.: 8.841 min
Delta R.T.: -0.004 min
Response: 7149792
Conc: 10.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



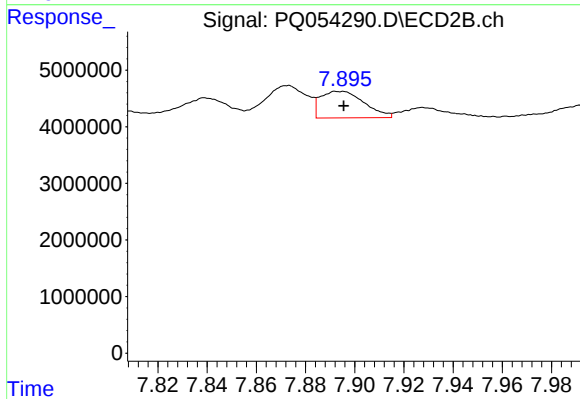
#33 AR-1260-3

R.T.: 7.412 min
Delta R.T.: 0.000 min
Response: 4235594
Conc: 4.87 ng/ml



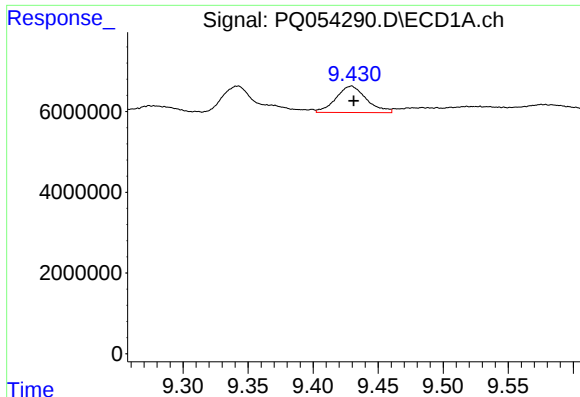
#34 AR-1260-4

R.T.: 9.075 min
Delta R.T.: -0.012 min
Response: 22053335
Conc: 24.93 ng/ml



#34 AR-1260-4

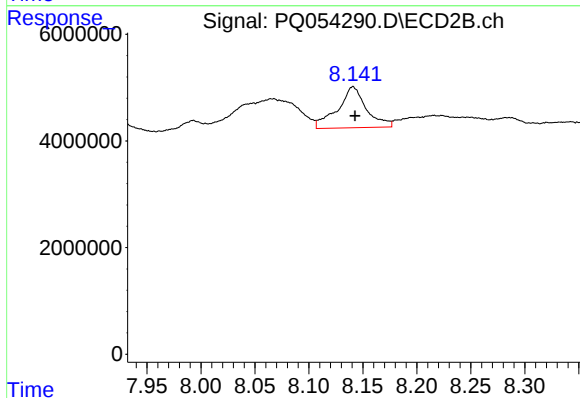
R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 5803243
Conc: 9.32 ng/ml



#35 AR-1260-5

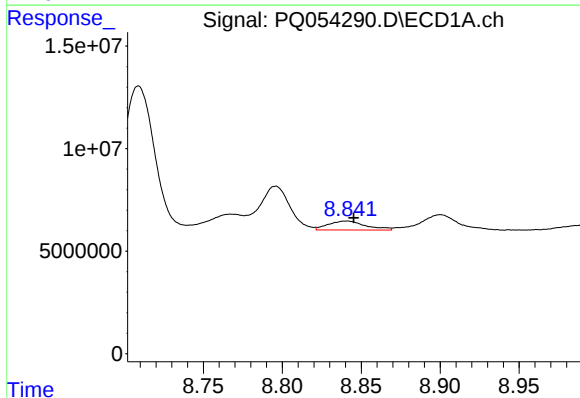
R.T.: 9.429 min
Delta R.T.: -0.002 min
Response: 10720018
Conc: 6.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



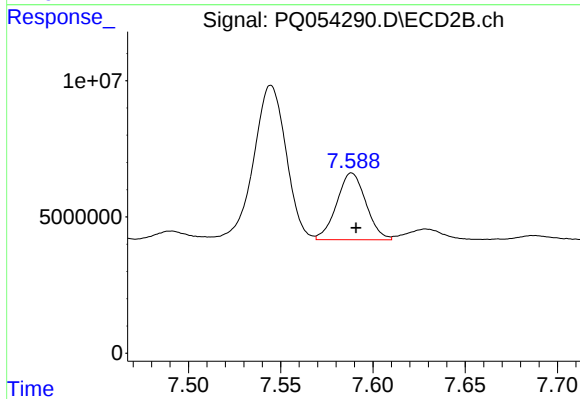
#35 AR-1260-5

R.T.: 8.141 min
Delta R.T.: -0.002 min
Response: 14235308
Conc: 8.31 ng/ml



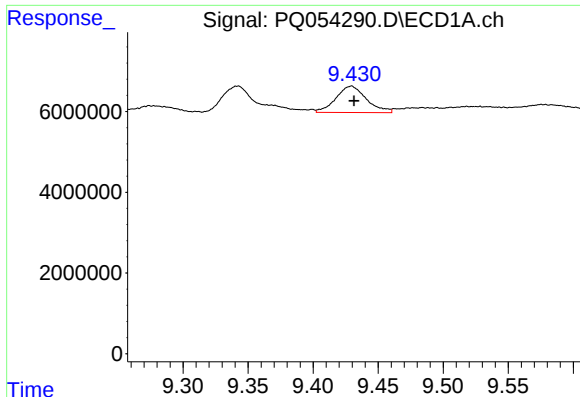
#36 AR-1262-1

R.T.: 8.841 min
Delta R.T.: -0.005 min
Response: 7149792
Conc: 7.23 ng/ml



#36 AR-1262-1

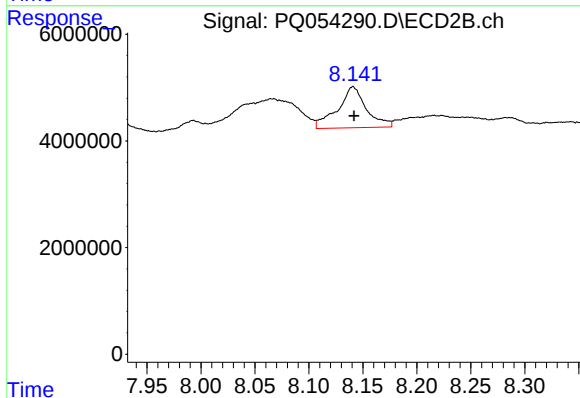
R.T.: 7.589 min
Delta R.T.: -0.002 min
Response: 27111614
Conc: 59.99 ng/ml



#37 AR-1262-2

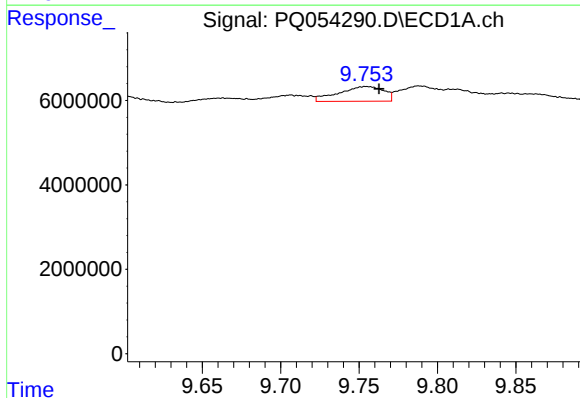
R.T.: 9.429 min
Delta R.T.: -0.002 min
Response: 10720018
Conc: 5.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



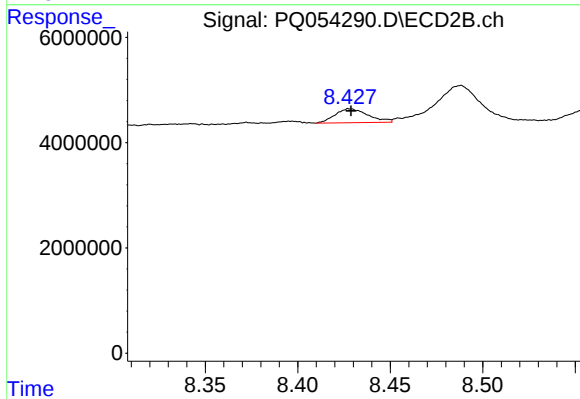
#37 AR-1262-2

R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 14235308
Conc: 7.56 ng/ml



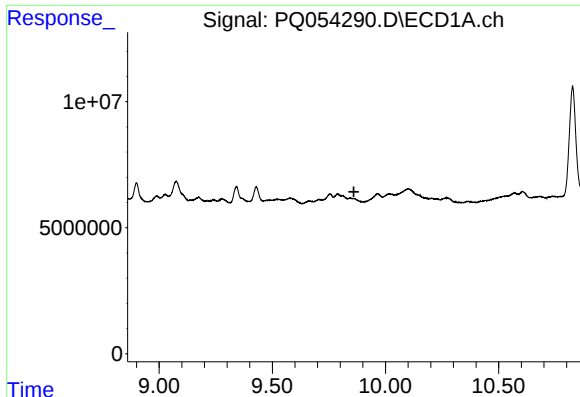
#38 AR-1262-3

R.T.: 9.755 min
Delta R.T.: -0.008 min
Response: 6989103
Conc: 5.70 ng/ml



#38 AR-1262-3

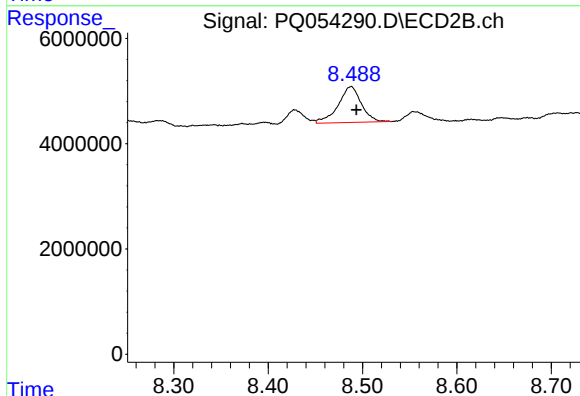
R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 3296123
Conc: 4.29 ng/ml



#39 AR-1262-4

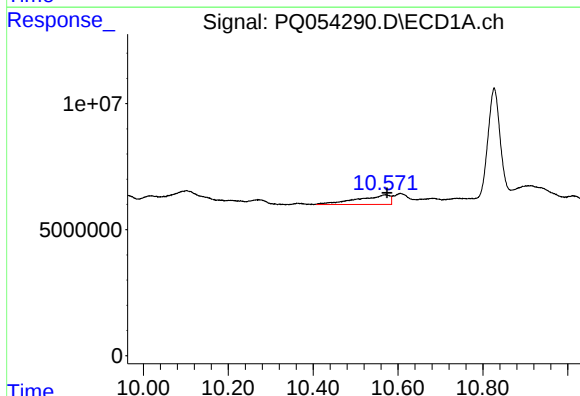
R.T.: 0.000 min
Exp R.T.: 9.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



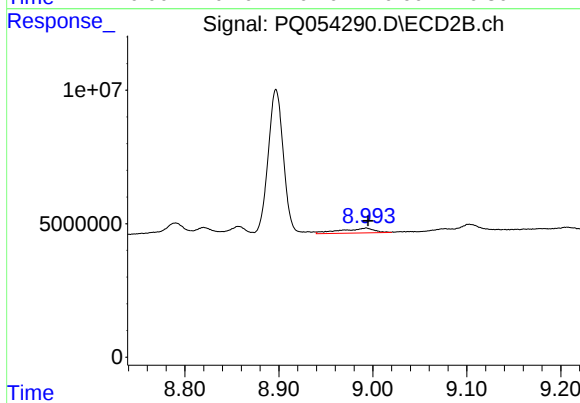
#39 AR-1262-4

R.T.: 8.488 min
Delta R.T.: -0.006 min
Response: 11686212
Conc: 9.35 ng/ml



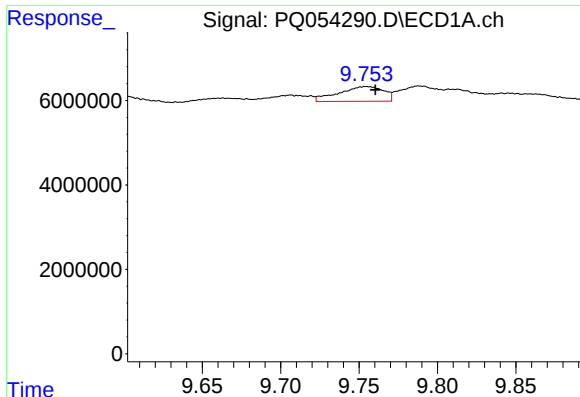
#40 AR-1262-5

R.T.: 10.571 min
Delta R.T.: -0.003 min
Response: 19771337
Conc: 29.83 ng/ml



#40 AR-1262-5

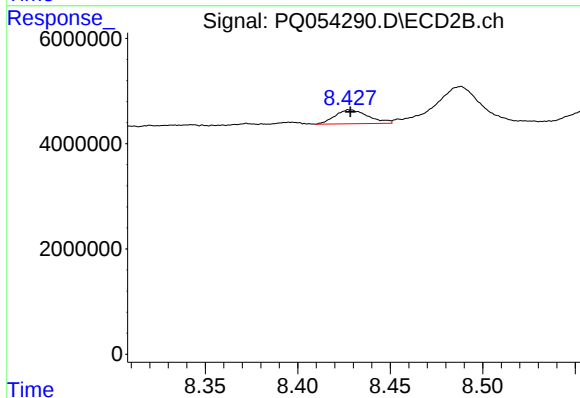
R.T.: 8.993 min
Delta R.T.: -0.002 min
Response: 4522654
Conc: 7.84 ng/ml



#41 AR-1268-1

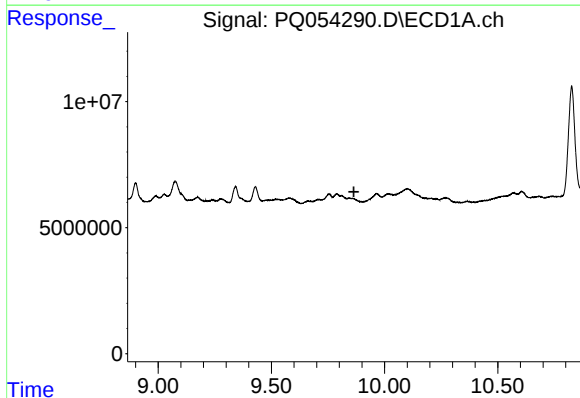
R.T.: 9.755 min
Delta R.T.: -0.006 min
Response: 6989103
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



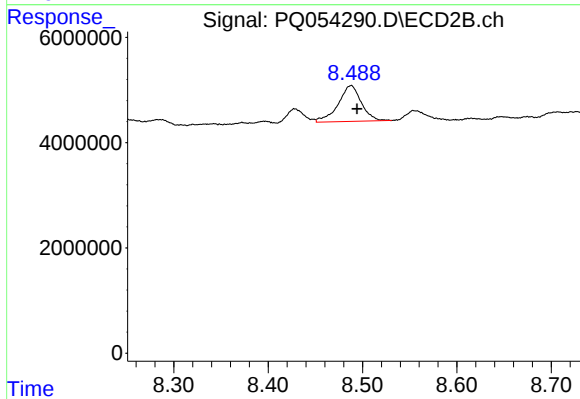
#41 AR-1268-1

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 3296123
Conc: 1.46 ng/ml



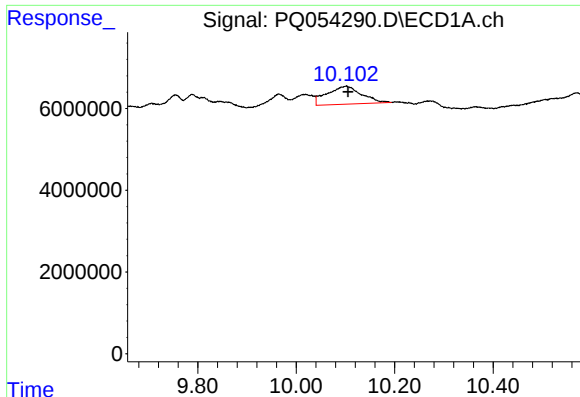
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.864 min
Response: 0
Conc: N.D.



#42 AR-1268-2

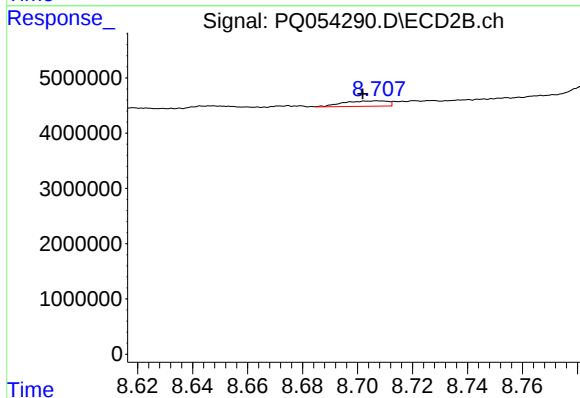
R.T.: 8.488 min
Delta R.T.: -0.006 min
Response: 11686212
Conc: 6.26 ng/ml



#43 AR-1268-3

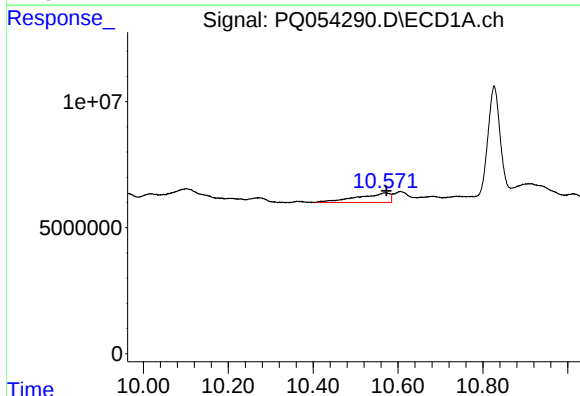
R.T.: 10.102 min
Delta R.T.: -0.003 min
Response: 21253041
Conc: 13.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



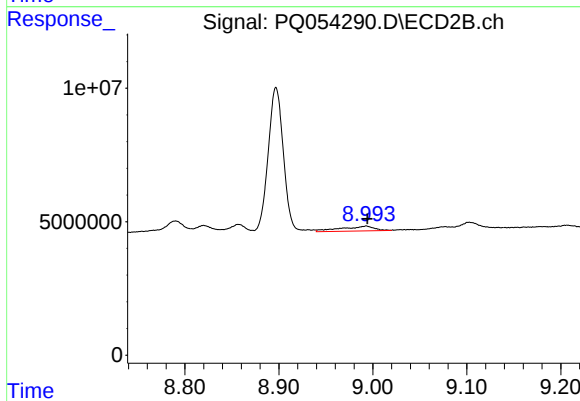
#43 AR-1268-3

R.T.: 8.707 min
Delta R.T.: 0.005 min
Response: 1092950
Conc: 0.65 ng/ml



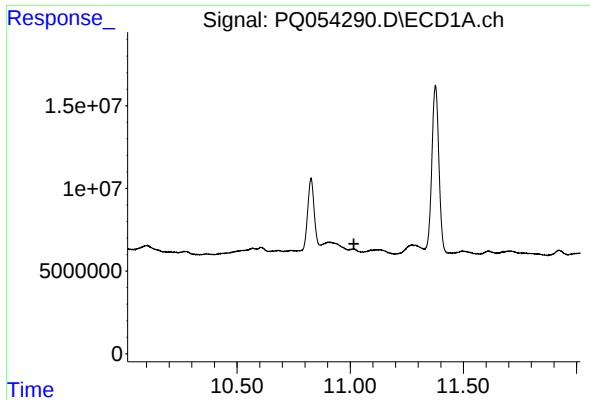
#44 AR-1268-4

R.T.: 10.571 min
Delta R.T.: -0.002 min
Response: 19771337
Conc: 27.03 ng/ml



#44 AR-1268-4

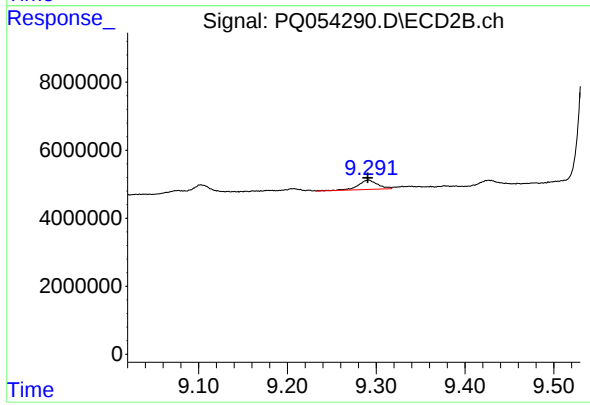
R.T.: 8.993 min
Delta R.T.: -0.001 min
Response: 4522654
Conc: 6.94 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.292 min
Delta R.T.: 0.001 min
Response: 4184182
Conc: 0.89 ng/ml