

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
 Data File : PQ054873.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 00:51
 Operator : AJ\MA
 Sample : M4077-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 09:50:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 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...	5.193	4.200	506.5E6	244.8E6	21.208	18.517
2)	SA Decachlor...	11.354	9.521f	363.4E6	430.1E6	21.531	31.737 #
Target Compounds							
3)	L1 AR-1016-1	6.521	5.480	19800311	10641385	24.004	23.447
4)	L1 AR-1016-2	6.544	5.480	32303963	10641385	26.482	14.995 #
5)	L1 AR-1016-3	6.614	5.675	16899135	3863241	22.322	11.280 #
6)	L1 AR-1016-4	6.721	5.712f	17458410	17084878	28.236	61.512 #
7)	L1 AR-1016-5	7.030	0.000	19280478	0	33.936	N.D. #
9)	L2 AR-1221-2	5.551	4.557	8346615	9888546	43.664	103.787 #
10)	L2 AR-1221-3	5.638	4.646	12088032	5827073	20.169	18.241
11)	L3 AR-1232-1	5.638	4.646	12088032	5827073	26.124	24.358
12)	L3 AR-1232-2	6.219	5.480	19838834	10641385	70.089	34.277 #
13)	L3 AR-1232-3	6.544	5.675	32303963	3863241	61.437	26.809 #
14)	L3 AR-1232-4	6.721	5.764	17458410	6922856	65.347	54.804
15)	L3 AR-1232-5	6.804	0.000	52339537	0	258.857	N.D. #
16)	L4 AR-1242-1	6.521	5.480	19800311	10641385	33.614	32.987
17)	L4 AR-1242-2	6.544	5.480	32303963	10641385	36.004	20.881 #
18)	L4 AR-1242-3	6.614	5.675	16899135	3863241	30.072	15.045 #
19)	L4 AR-1242-4	6.721	5.764	17458410	6922856	38.162	27.353 #
20)	L4 AR-1242-5	7.503	6.332	63712228	66398945	136.071	186.893 #
21)	L5 AR-1248-1	6.521	5.480	19800311	10641385	39.561	40.671
22)	L5 AR-1248-2	6.804	5.712f	52339537	17084878	80.561	47.967 #
23)	L5 AR-1248-3	7.030	5.764	19280478	6922856	26.961	19.468 #
24)	L5 AR-1248-4	7.470	0.000	90261665	0	114.096	N.D. #
25)	L5 AR-1248-5	7.503	6.377	63712228	22155506	79.396	51.714 #
26)	L6 AR-1254-1	7.435	6.332	126.4E6	66398945	145.053	87.160 #
27)	L6 AR-1254-2	7.659	6.490	168.6E6	80850164	126.017	115.536
28)	L6 AR-1254-3	8.040	6.911	84865199	137.2E6	60.934	124.483 #
29)	L6 AR-1254-4	8.336	0.000	151.3E6	0	142.027	N.D. #
30)	L6 AR-1254-5	8.783	7.572	282.9E6	78268307	246.144	70.721 #
31)	L7 AR-1260-1	8.199	7.044	222.8E6	76520731	224.491	101.895 #
32)	L7 AR-1260-2	8.460	7.244	384.4E6	100.6E6	326.651	97.189 #
33)	L7 AR-1260-3	8.834	7.398	63696563	185.2E6	83.167	209.458 #
34)	L7 AR-1260-4	9.070	7.917f	86746761	47546245	92.868	68.712 #
35)	L7 AR-1260-5	0.000	8.123	0	10822203	N.D.	5.662 #
36)	L8 AR-1262-1	8.834	7.572	63696563	78268307	54.210	151.483 #
37)	L8 AR-1262-2	0.000	8.123	0	10822203	N.D.	4.886 #
38)	L8 AR-1262-3	9.737f	8.444f	37469890	243.6E6	42.067	274.569 #
39)	L8 AR-1262-4	9.873f	0.000	14550774	0	25.794	N.D. #
41)	L9 AR-1268-1	9.737f	8.444f	37469890	243.6E6	14.941	89.760 #
42)	L9 AR-1268-2	9.873f	0.000	14550774	0	6.362	N.D. #
43)	L9 AR-1268-3	0.000	8.680	0	8718267	N.D.	4.326 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
45) L9	AR-1268-5	10.993f	0.000	4917417	0	0.780	N.D. #

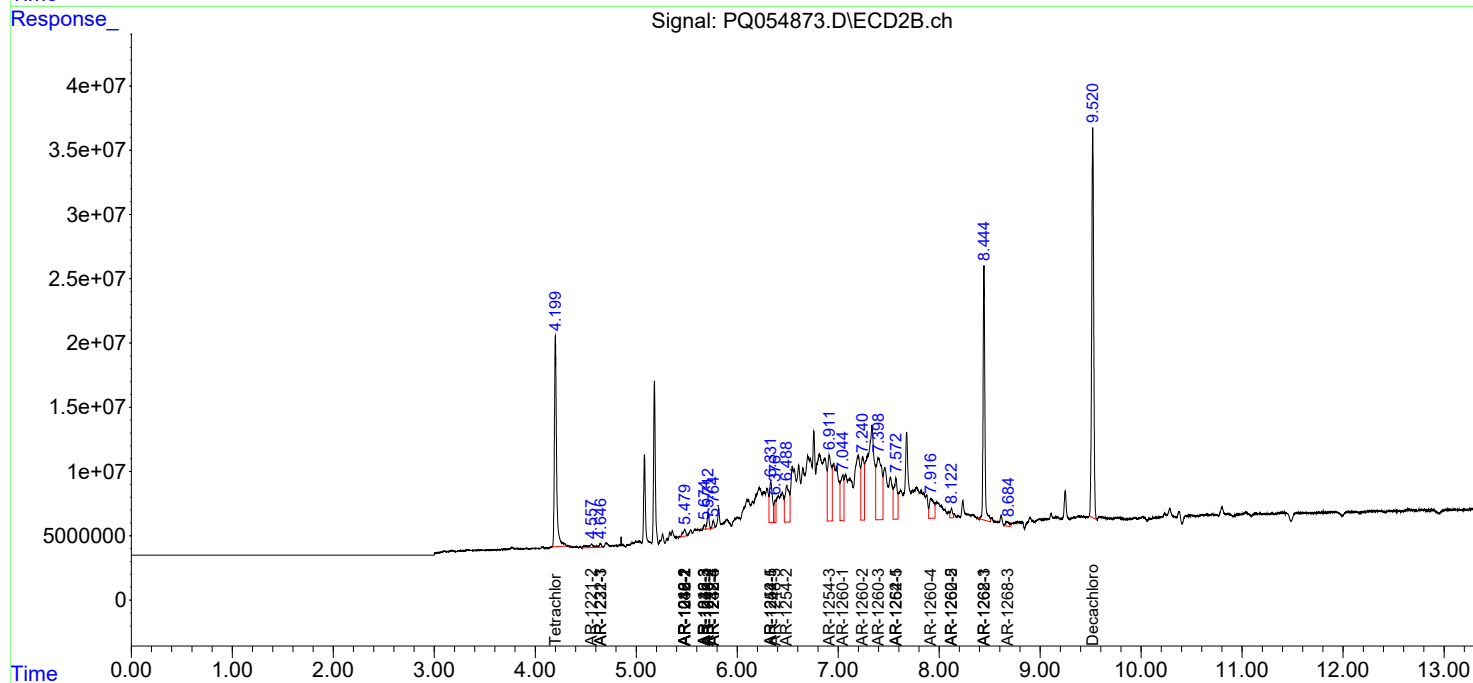
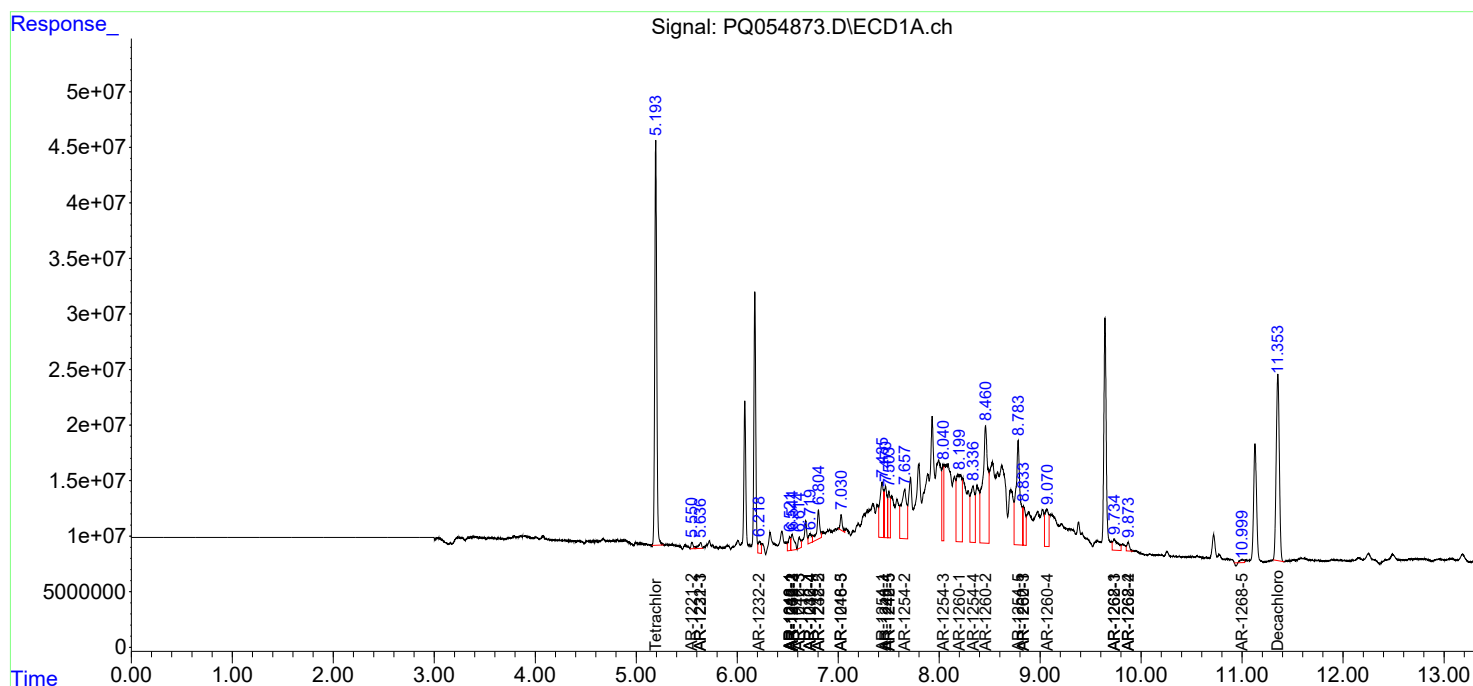
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

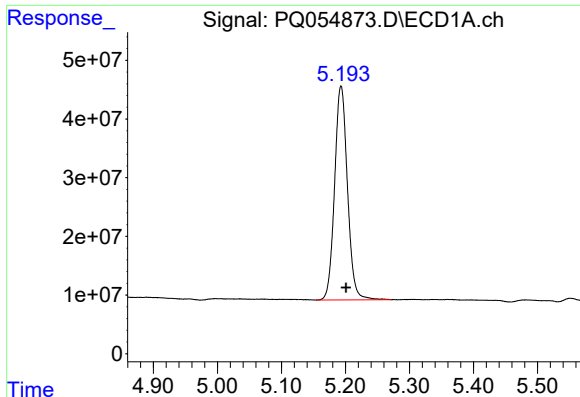
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
Data File : PQ054873.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AJ\MA
Sample : M4077-10
Misc :
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Volume Inj. : 2 µl
Signal #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

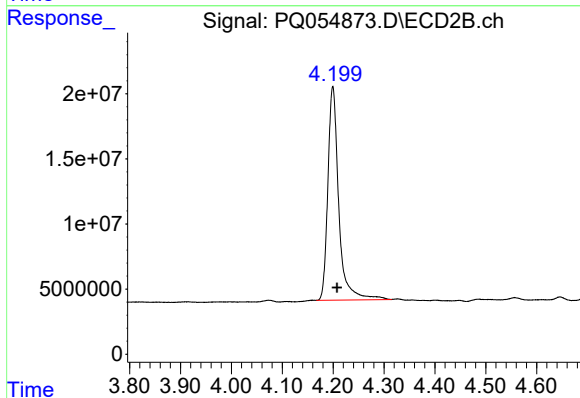




#1 Tetrachloro-m-xylene

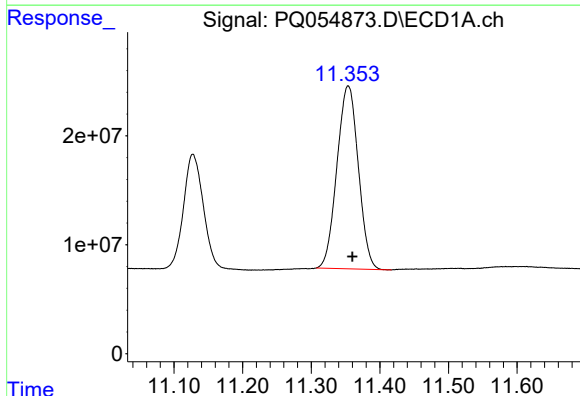
R.T.: 5.193 min
Delta R.T.: -0.008 min
Response: 506467168
Conc: 21.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



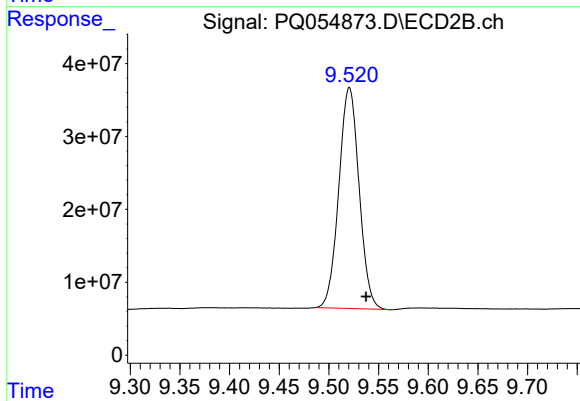
#1 Tetrachloro-m-xylene

R.T.: 4.200 min
Delta R.T.: -0.008 min
Response: 244786901
Conc: 18.52 ng/ml



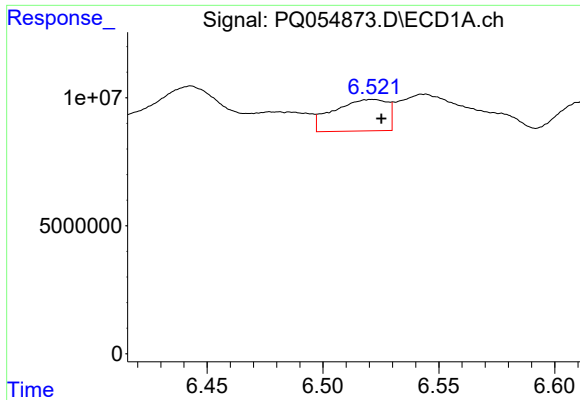
#2 Decachlorobiphenyl

R.T.: 11.354 min
Delta R.T.: -0.006 min
Response: 363407970
Conc: 21.53 ng/ml



#2 Decachlorobiphenyl

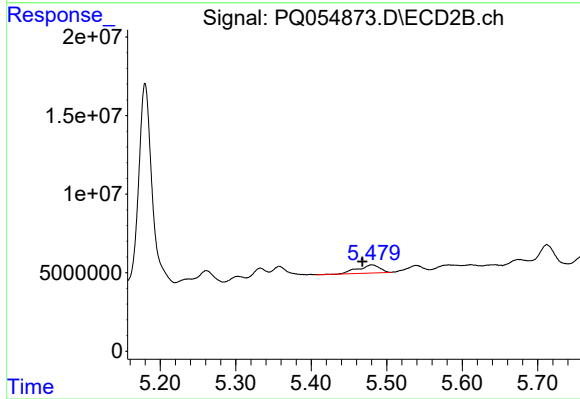
R.T.: 9.521 min
Delta R.T.: -0.017 min
Response: 430098560
Conc: 31.74 ng/ml



#3 AR-1016-1

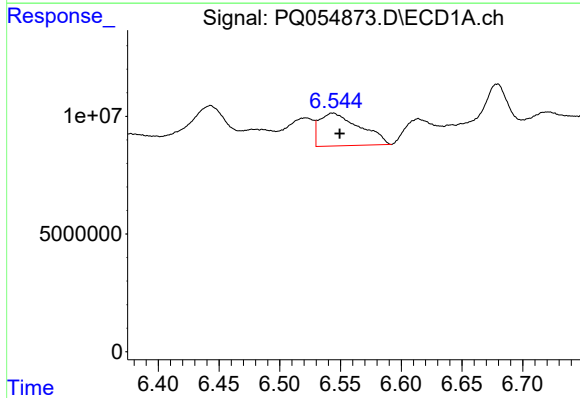
R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 19800311
Conc: 24.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



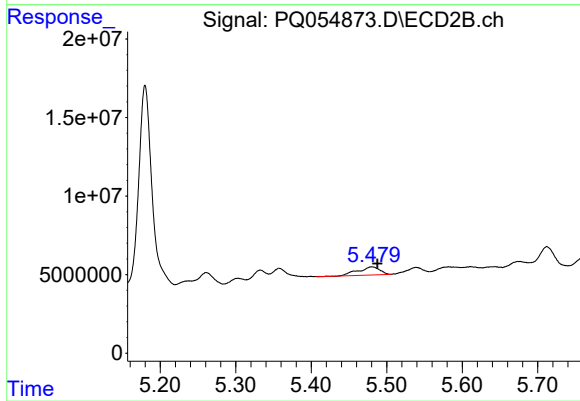
#3 AR-1016-1

R.T.: 5.480 min
Delta R.T.: 0.012 min
Response: 10641385
Conc: 23.45 ng/ml



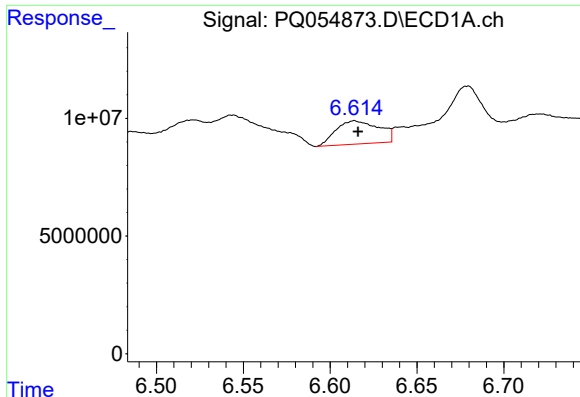
#4 AR-1016-2

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 32303963
Conc: 26.48 ng/ml



#4 AR-1016-2

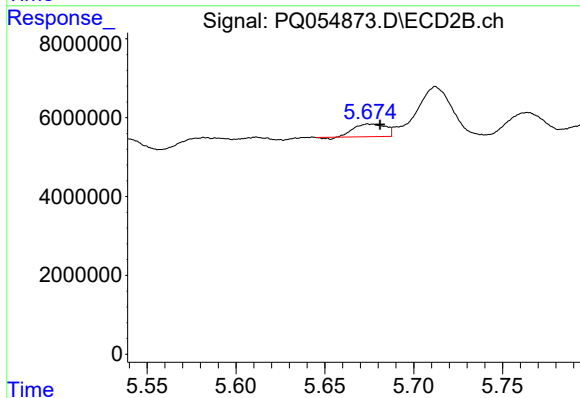
R.T.: 5.480 min
Delta R.T.: -0.008 min
Response: 10641385
Conc: 14.99 ng/ml



#5 AR-1016-3

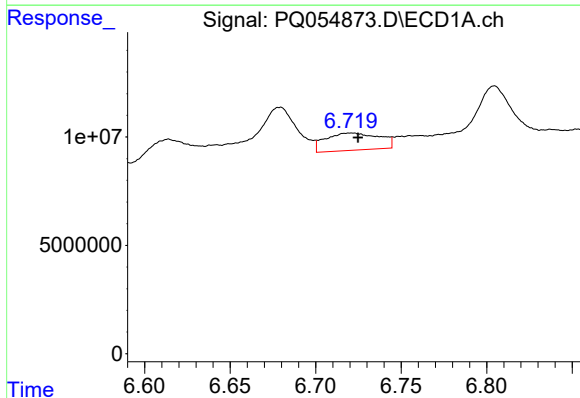
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 16899135
Conc: 22.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



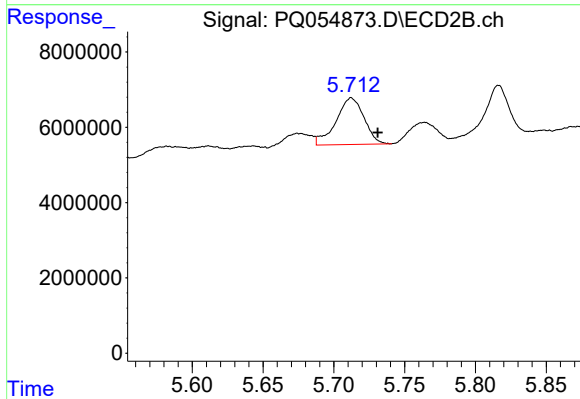
#5 AR-1016-3

R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 3863241
Conc: 11.28 ng/ml



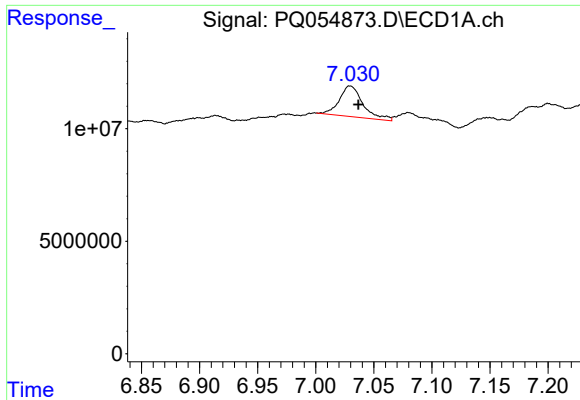
#6 AR-1016-4

R.T.: 6.721 min
Delta R.T.: -0.004 min
Response: 17458410
Conc: 28.24 ng/ml



#6 AR-1016-4

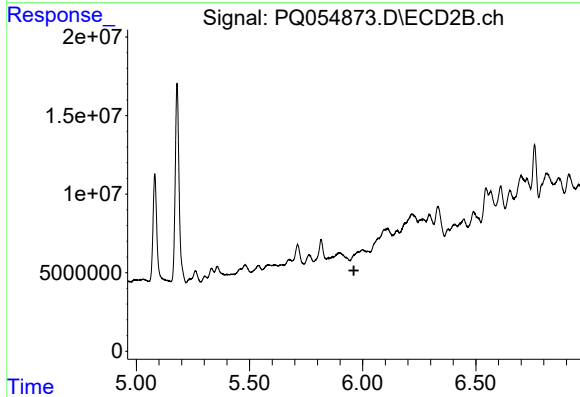
R.T.: 5.712 min
Delta R.T.: -0.019 min
Response: 17084878
Conc: 61.51 ng/ml



#7 AR-1016-5

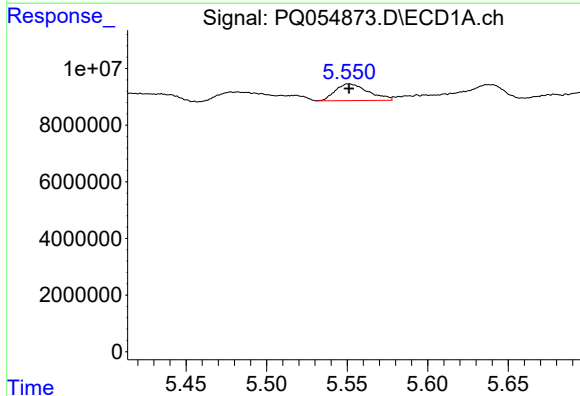
R.T.: 7.030 min
Delta R.T.: -0.007 min
Response: 19280478
Conc: 33.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



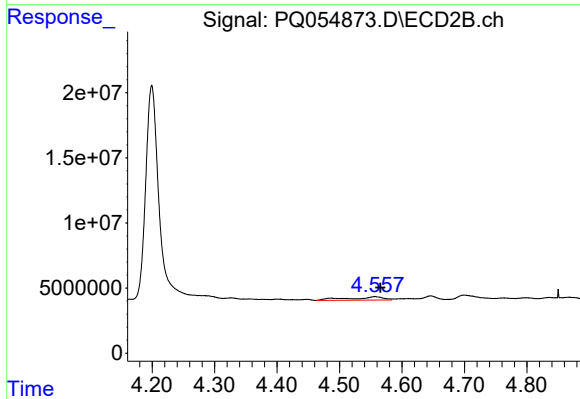
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.961 min
Response: 0
Conc: N.D.



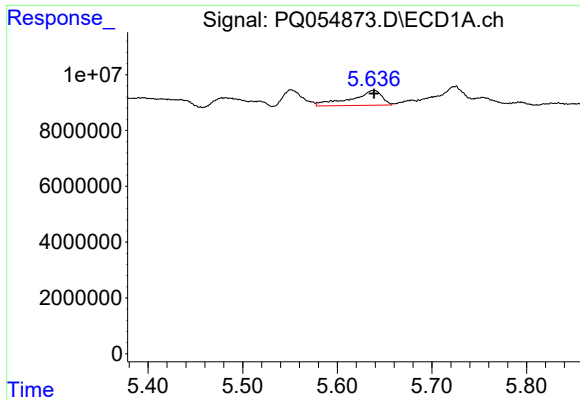
#9 AR-1221-2

R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 8346615
Conc: 43.66 ng/ml



#9 AR-1221-2

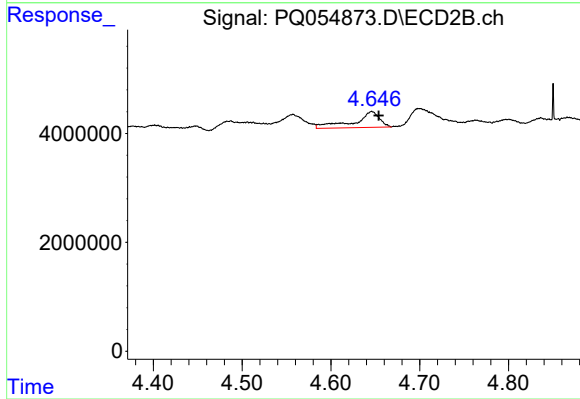
R.T.: 4.557 min
Delta R.T.: -0.008 min
Response: 9888546
Conc: 103.79 ng/ml



#10 AR-1221-3

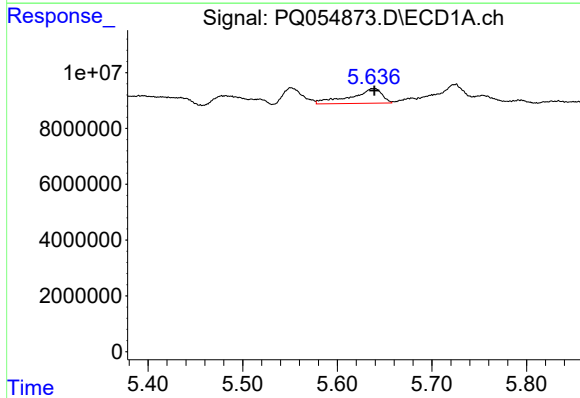
R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 12088032
Conc: 20.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



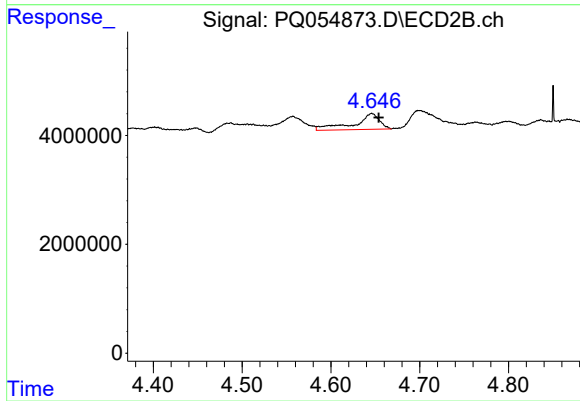
#10 AR-1221-3

R.T.: 4.646 min
Delta R.T.: -0.008 min
Response: 5827073
Conc: 18.24 ng/ml



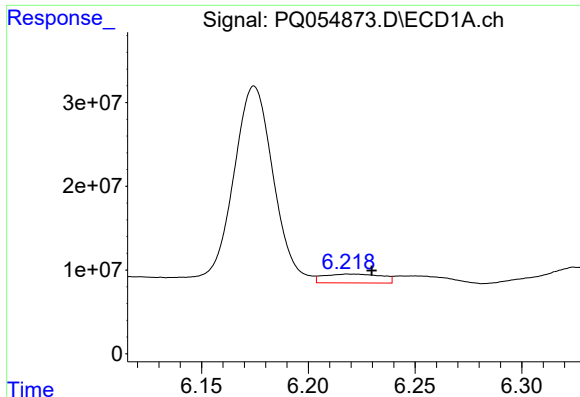
#11 AR-1232-1

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 12088032
Conc: 26.12 ng/ml



#11 AR-1232-1

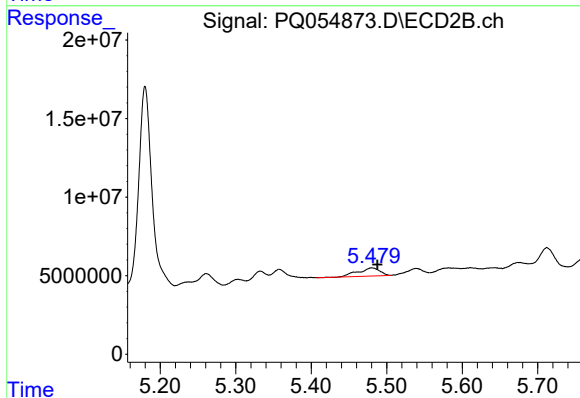
R.T.: 4.646 min
Delta R.T.: -0.008 min
Response: 5827073
Conc: 24.36 ng/ml



#12 AR-1232-2

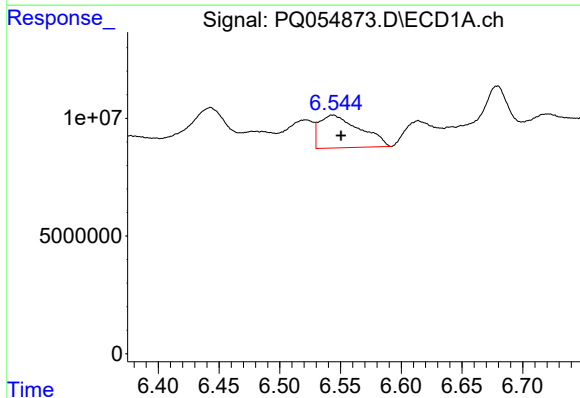
R.T.: 6.219 min
Delta R.T.: -0.011 min
Response: 19838834
Conc: 70.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



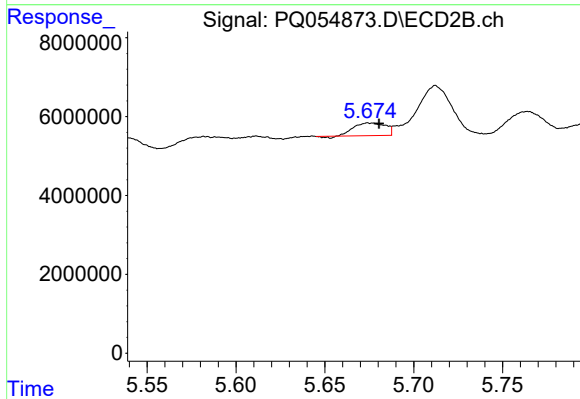
#12 AR-1232-2

R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 10641385
Conc: 34.28 ng/ml



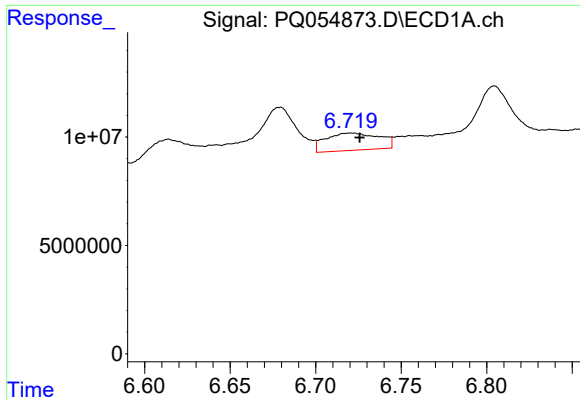
#13 AR-1232-3

R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 32303963
Conc: 61.44 ng/ml



#13 AR-1232-3

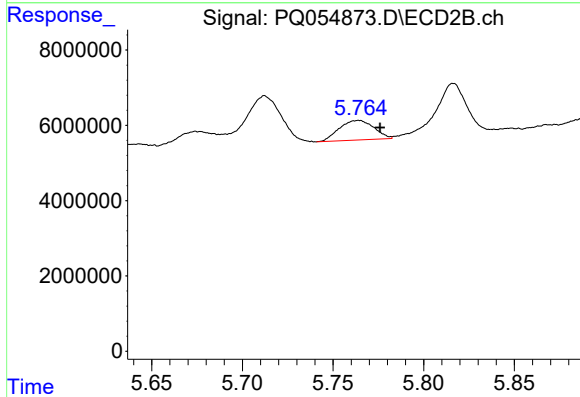
R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 3863241
Conc: 26.81 ng/ml



#14 AR-1232-4

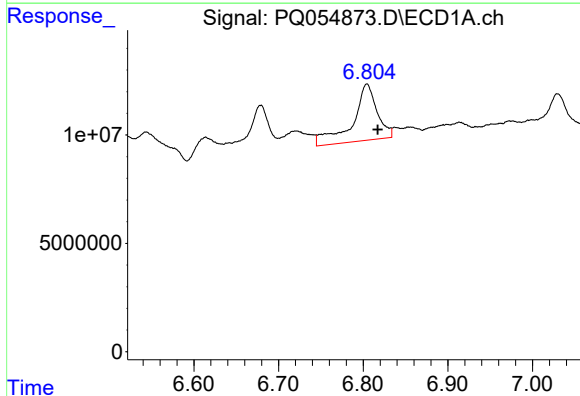
R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 17458410
Conc: 65.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



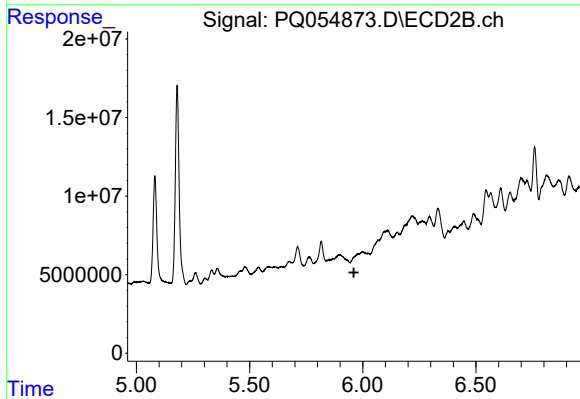
#14 AR-1232-4

R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 6922856
Conc: 54.80 ng/ml



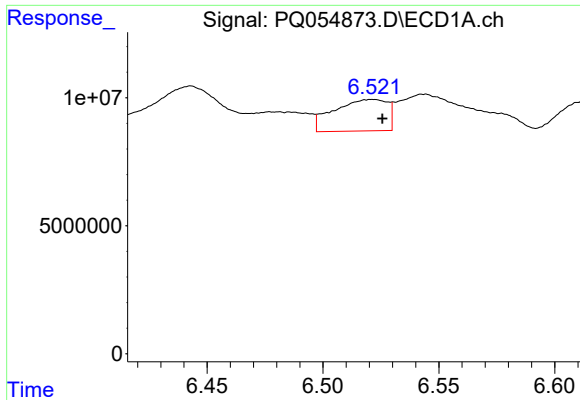
#15 AR-1232-5

R.T.: 6.804 min
Delta R.T.: -0.013 min
Response: 52339537
Conc: 258.86 ng/ml



#15 AR-1232-5

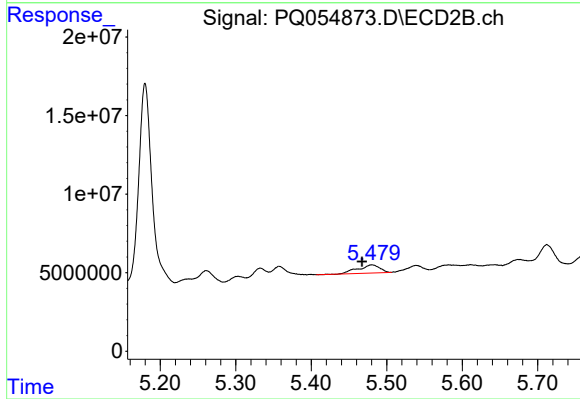
R.T.: 0.000 min
Exp R.T.: 5.961 min
Response: 0
Conc: N.D.



#16 AR-1242-1

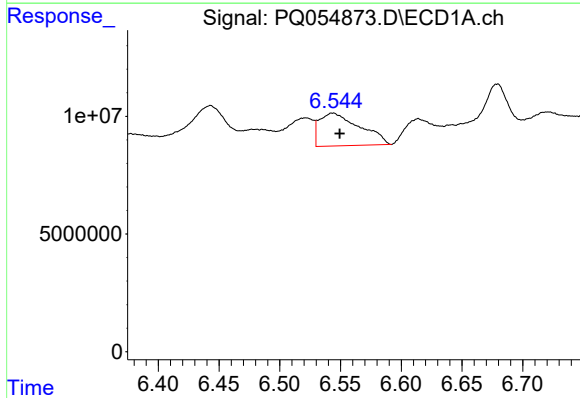
R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 19800311
Conc: 33.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



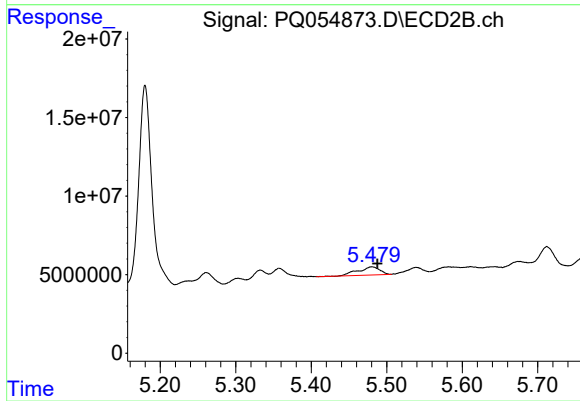
#16 AR-1242-1

R.T.: 5.480 min
Delta R.T.: 0.013 min
Response: 10641385
Conc: 32.99 ng/ml



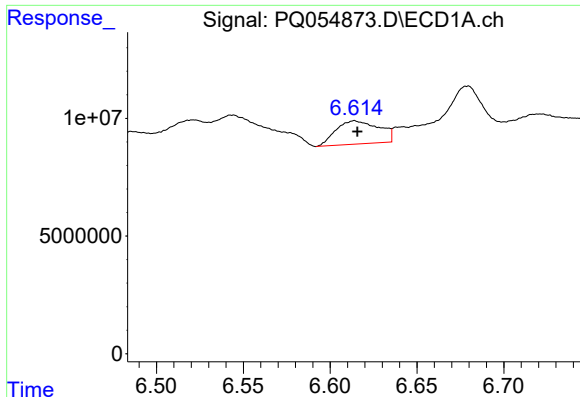
#17 AR-1242-2

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 32303963
Conc: 36.00 ng/ml



#17 AR-1242-2

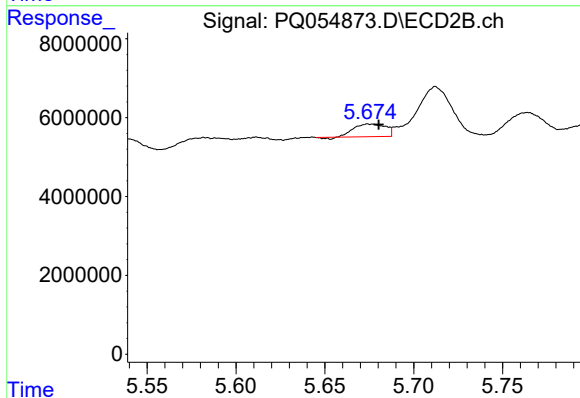
R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 10641385
Conc: 20.88 ng/ml



#18 AR-1242-3

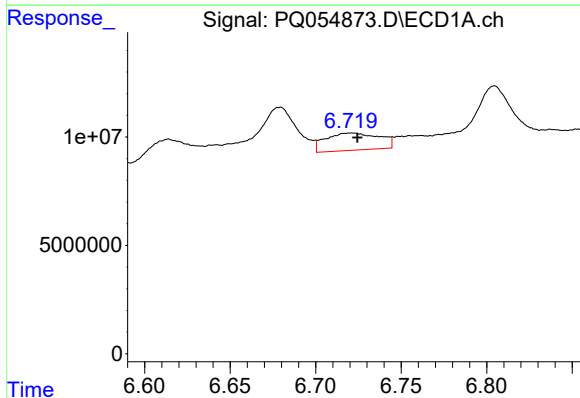
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 16899135
Conc: 30.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



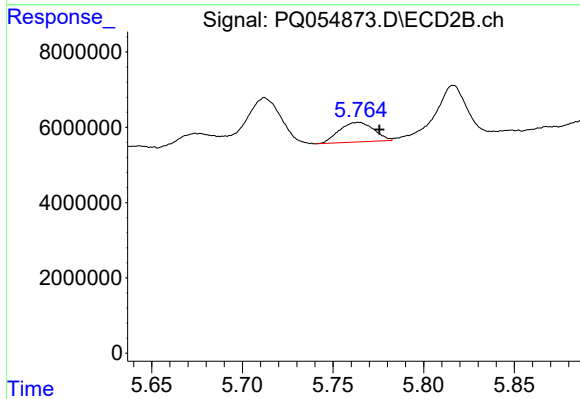
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 3863241
Conc: 15.04 ng/ml



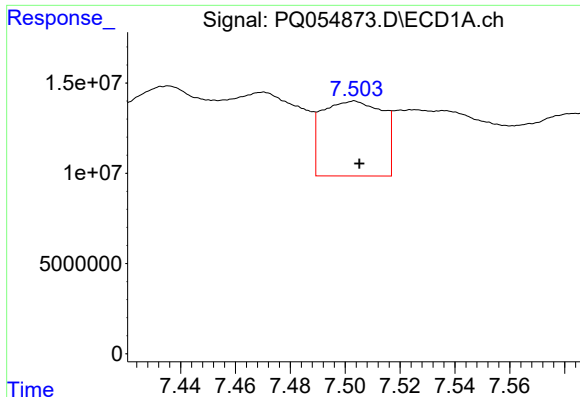
#19 AR-1242-4

R.T.: 6.721 min
Delta R.T.: -0.004 min
Response: 17458410
Conc: 38.16 ng/ml



#19 AR-1242-4

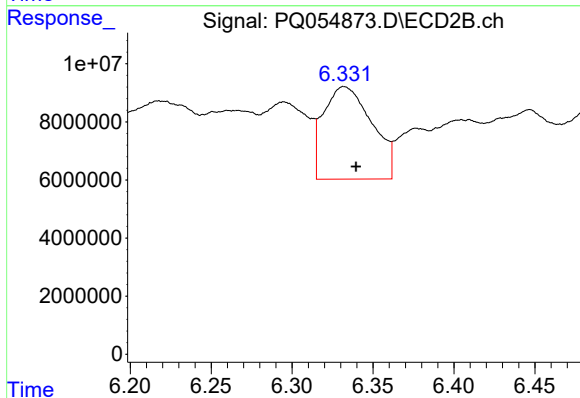
R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 6922856
Conc: 27.35 ng/ml



#20 AR-1242-5

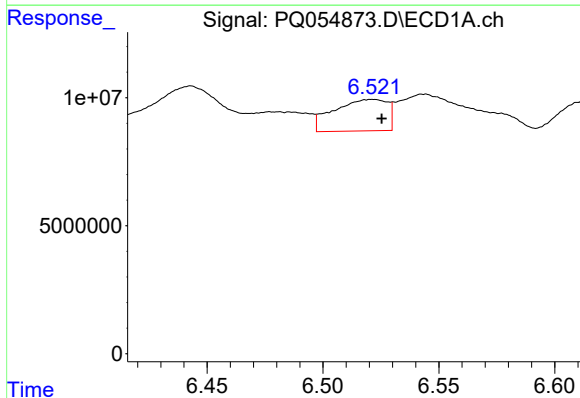
R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 63712228
Conc: 136.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



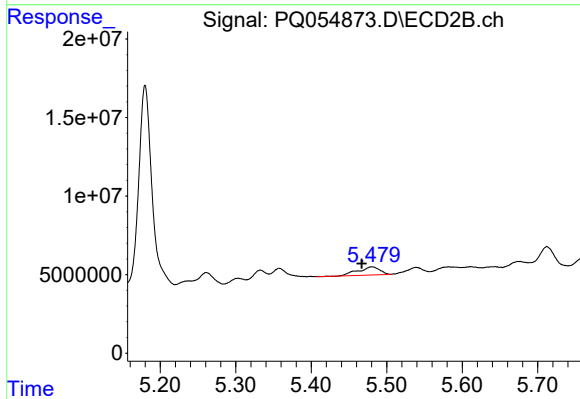
#20 AR-1242-5

R.T.: 6.332 min
Delta R.T.: -0.007 min
Response: 66398945
Conc: 186.89 ng/ml



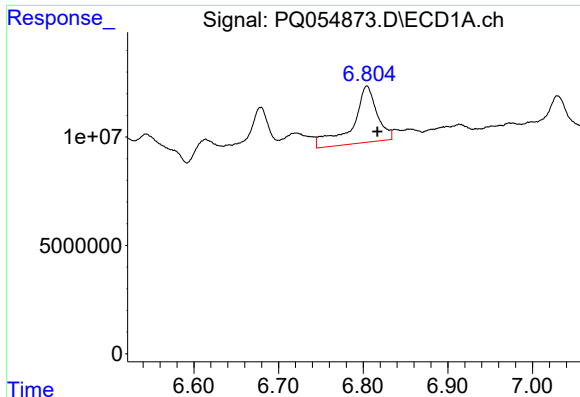
#21 AR-1248-1

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 19800311
Conc: 39.56 ng/ml



#21 AR-1248-1

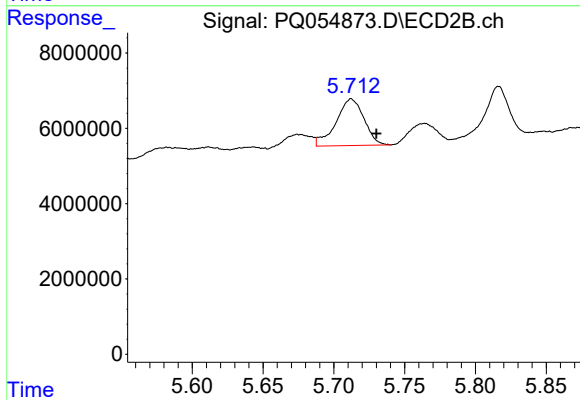
R.T.: 5.480 min
Delta R.T.: 0.013 min
Response: 10641385
Conc: 40.67 ng/ml



#22 AR-1248-2

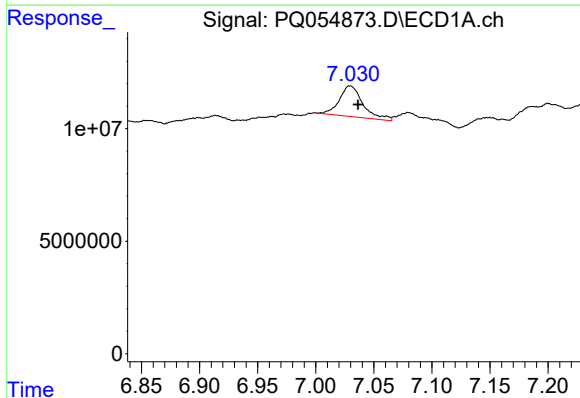
R.T.: 6.804 min
Delta R.T.: -0.012 min
Response: 52339537
Conc: 80.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



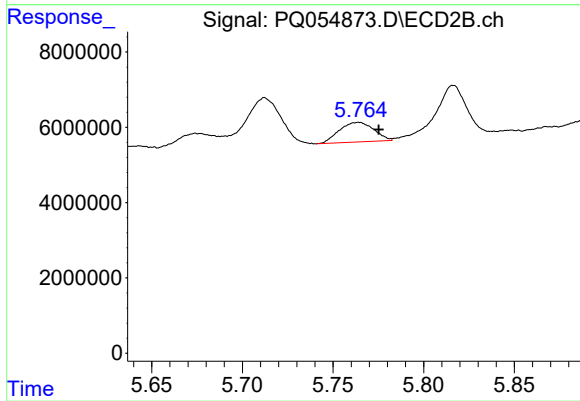
#22 AR-1248-2

R.T.: 5.712 min
Delta R.T.: -0.018 min
Response: 17084878
Conc: 47.97 ng/ml



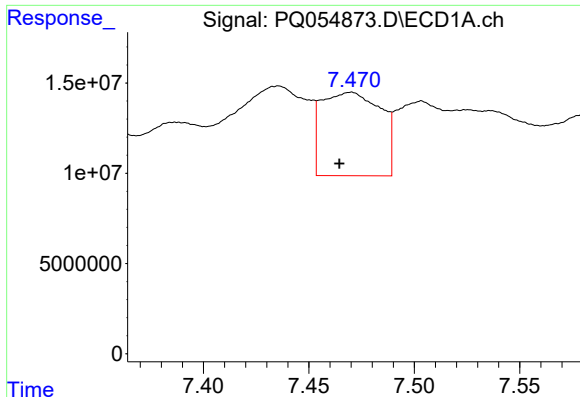
#23 AR-1248-3

R.T.: 7.030 min
Delta R.T.: -0.007 min
Response: 19280478
Conc: 26.96 ng/ml



#23 AR-1248-3

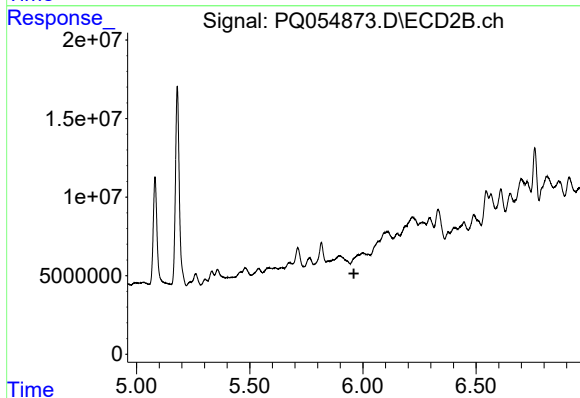
R.T.: 5.764 min
Delta R.T.: -0.011 min
Response: 6922856
Conc: 19.47 ng/ml



#24 AR-1248-4

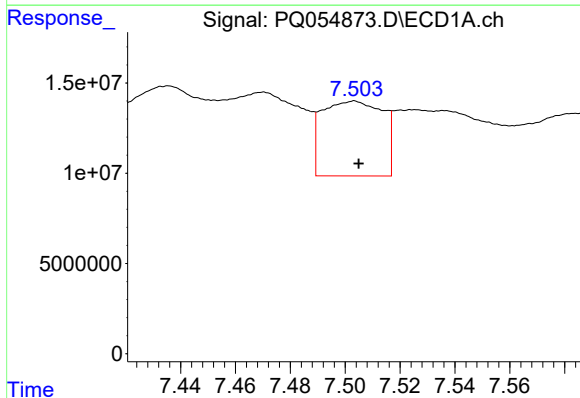
R.T.: 7.470 min
Delta R.T.: 0.005 min
Response: 90261665
Conc: 114.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



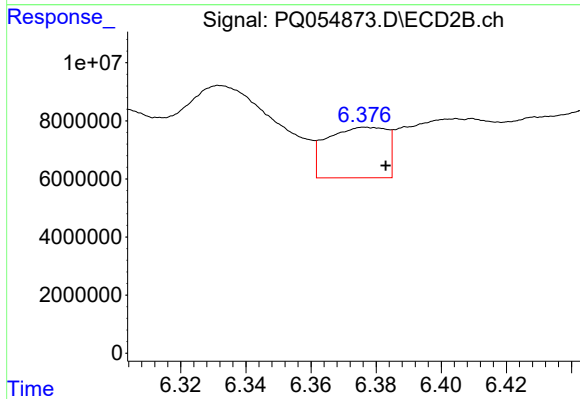
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.



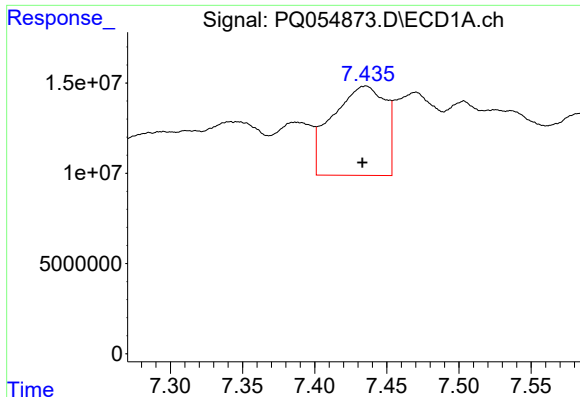
#25 AR-1248-5

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 63712228
Conc: 79.40 ng/ml



#25 AR-1248-5

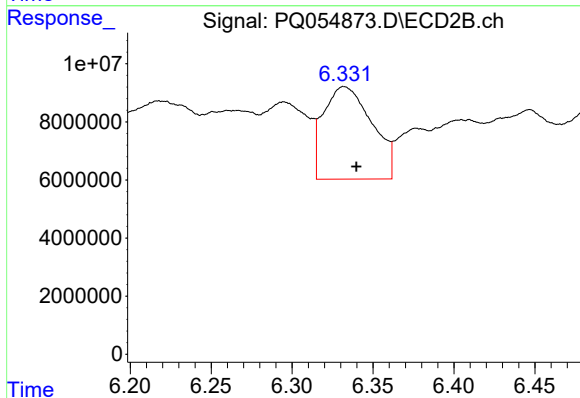
R.T.: 6.377 min
Delta R.T.: -0.006 min
Response: 22155506
Conc: 51.71 ng/ml



#26 AR-1254-1

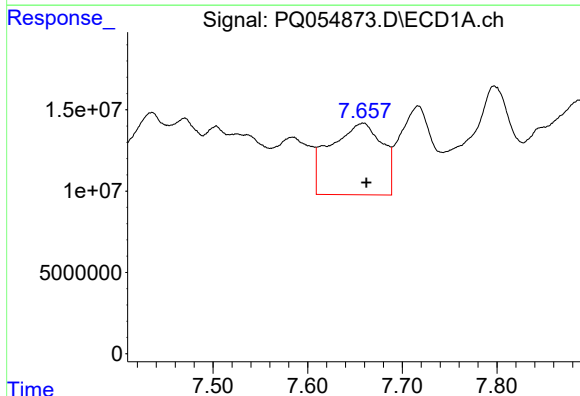
R.T.: 7.435 min
Delta R.T.: 0.002 min
Response: 126353381
Conc: 145.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



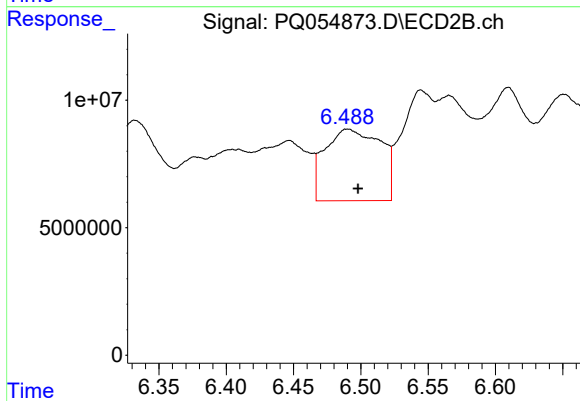
#26 AR-1254-1

R.T.: 6.332 min
Delta R.T.: -0.008 min
Response: 66398945
Conc: 87.16 ng/ml



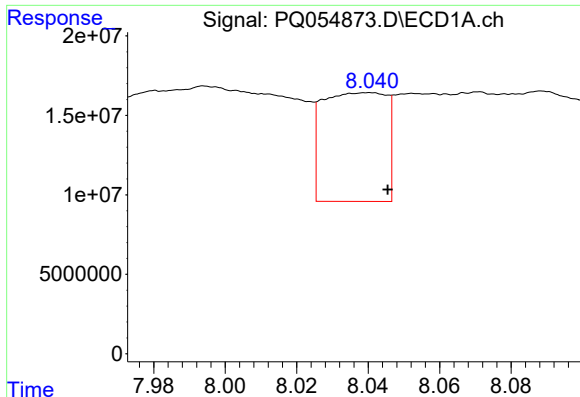
#27 AR-1254-2

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 168560188
Conc: 126.02 ng/ml



#27 AR-1254-2

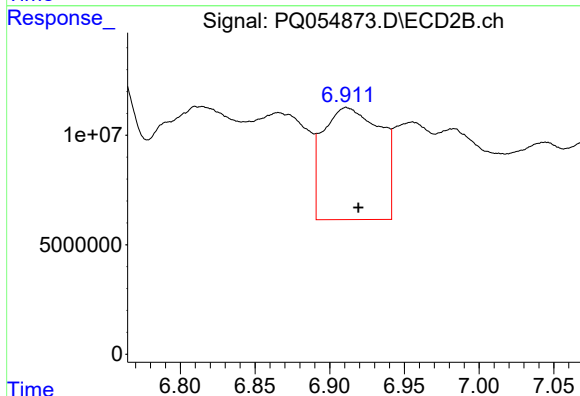
R.T.: 6.490 min
Delta R.T.: -0.008 min
Response: 80850164
Conc: 115.54 ng/ml



#28 AR-1254-3

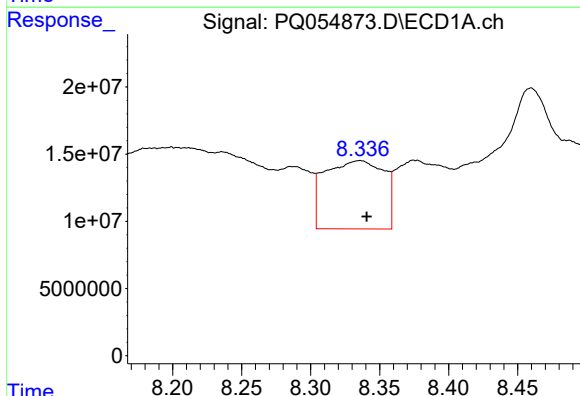
R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 84865199
Conc: 60.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



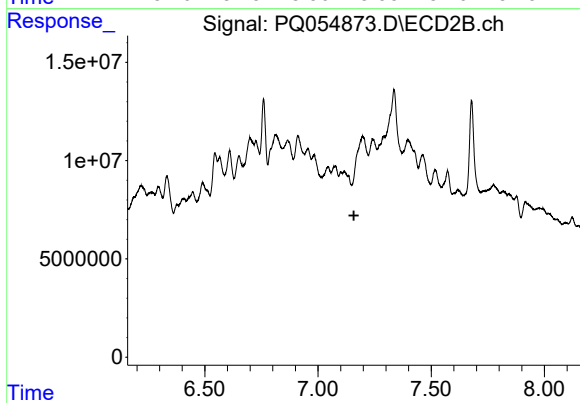
#28 AR-1254-3

R.T.: 6.911 min
Delta R.T.: -0.008 min
Response: 137232994
Conc: 124.48 ng/ml



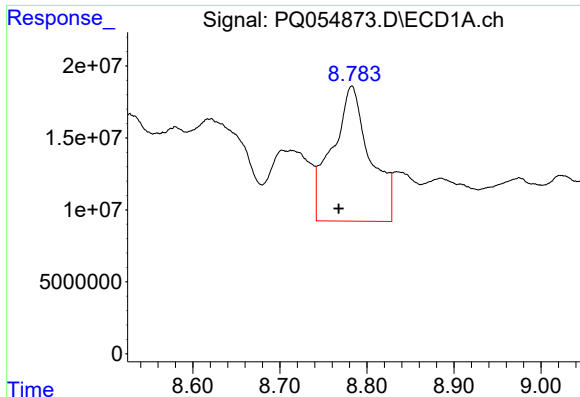
#29 AR-1254-4

R.T.: 8.336 min
Delta R.T.: -0.005 min
Response: 151303235
Conc: 142.03 ng/ml



#29 AR-1254-4

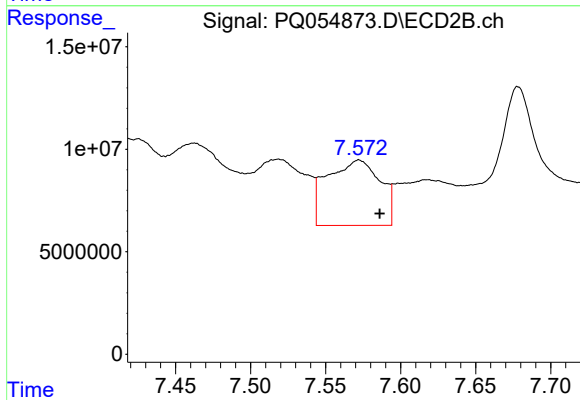
R.T.: 0.000 min
Exp R.T.: 7.158 min
Response: 0
Conc: N.D.



#30 AR-1254-5

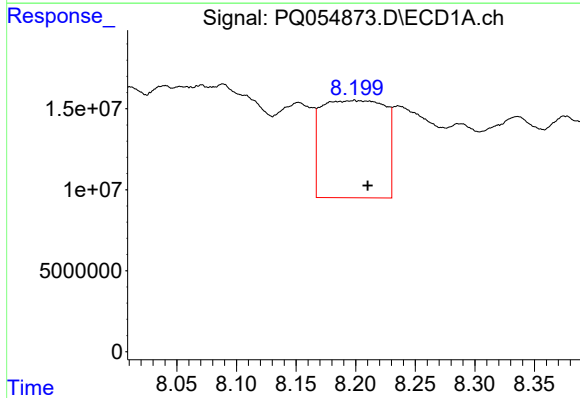
R.T.: 8.783 min
Delta R.T.: 0.015 min
Response: 28288873
Conc: 246.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



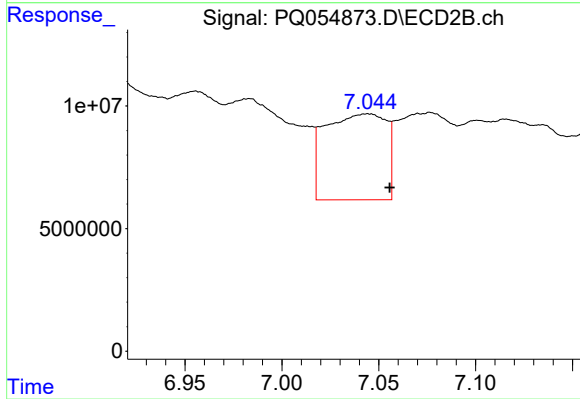
#30 AR-1254-5

R.T.: 7.572 min
Delta R.T.: -0.014 min
Response: 78268307
Conc: 70.72 ng/ml



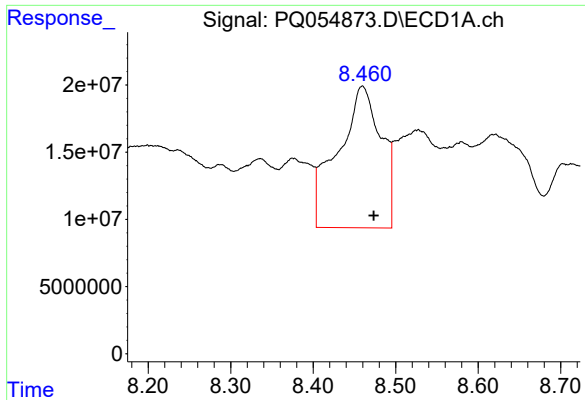
#31 AR-1260-1

R.T.: 8.199 min
Delta R.T.: -0.011 min
Response: 222783875
Conc: 224.49 ng/ml



#31 AR-1260-1

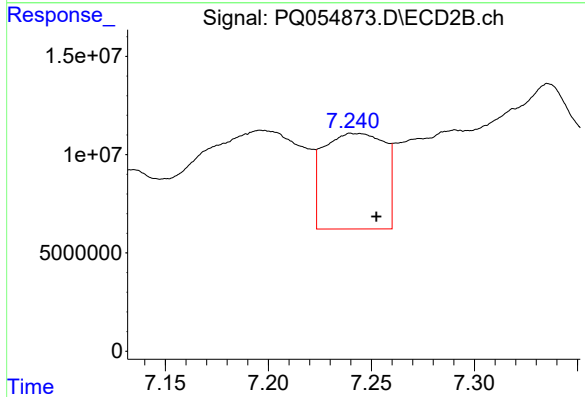
R.T.: 7.044 min
Delta R.T.: -0.011 min
Response: 76520731
Conc: 101.90 ng/ml



#32 AR-1260-2

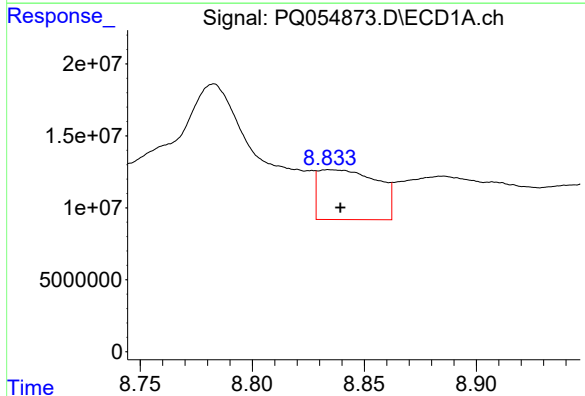
R.T.: 8.460 min
Delta R.T.: -0.014 min
Response: 384372993
Conc: 326.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



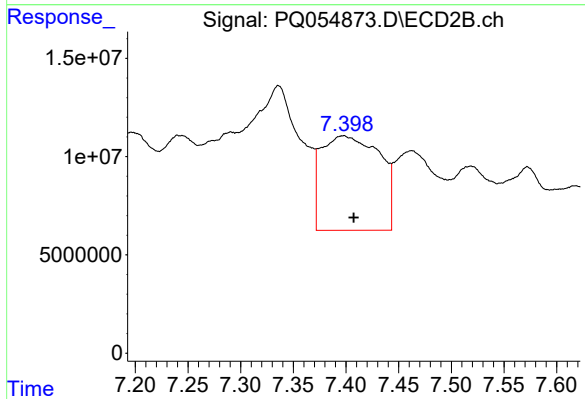
#32 AR-1260-2

R.T.: 7.244 min
Delta R.T.: -0.008 min
Response: 100580622
Conc: 97.19 ng/ml



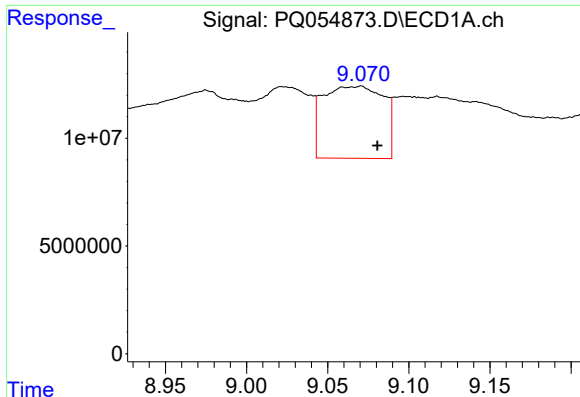
#33 AR-1260-3

R.T.: 8.834 min
Delta R.T.: -0.005 min
Response: 63696563
Conc: 83.17 ng/ml



#33 AR-1260-3

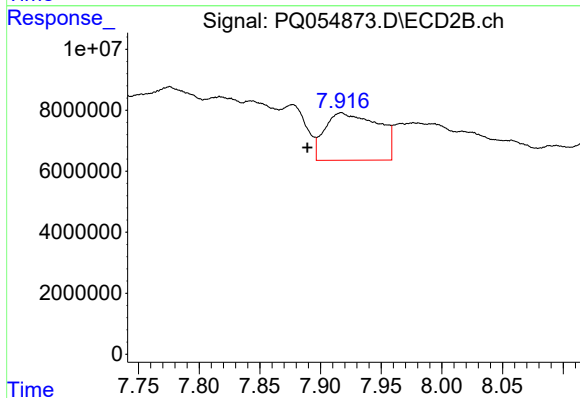
R.T.: 7.398 min
Delta R.T.: -0.010 min
Response: 185192002
Conc: 209.46 ng/ml



#34 AR-1260-4

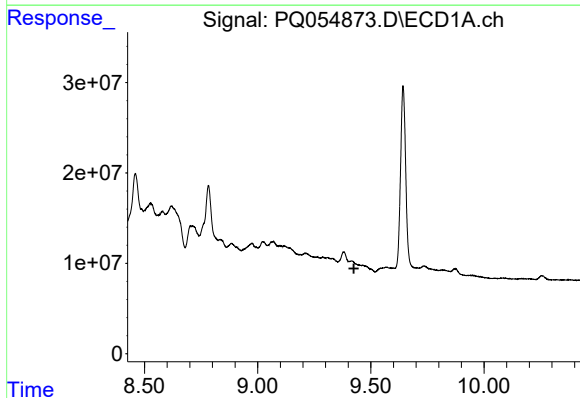
R.T.: 9.070 min
Delta R.T.: -0.010 min
Response: 86746761
Conc: 92.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



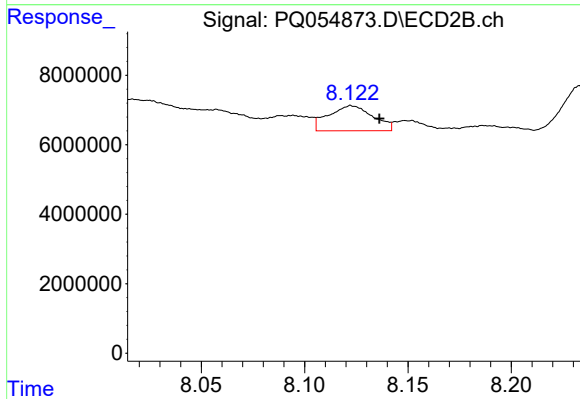
#34 AR-1260-4

R.T.: 7.917 min
Delta R.T.: 0.028 min
Response: 47546245
Conc: 68.71 ng/ml



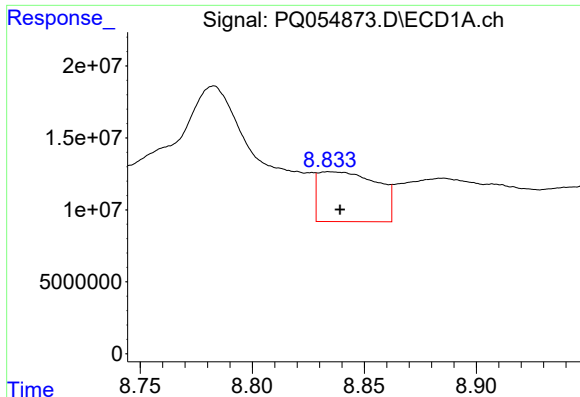
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.425 min
Response: 0
Conc: N.D.



#35 AR-1260-5

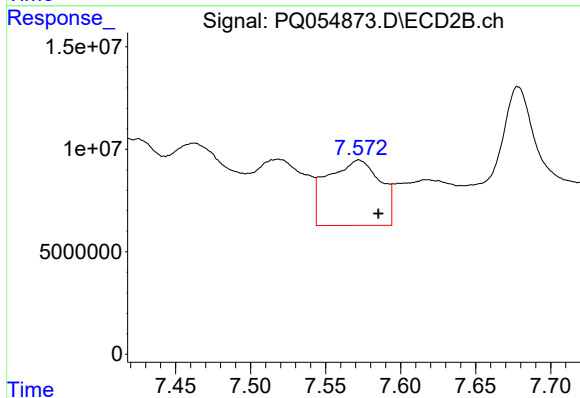
R.T.: 8.123 min
Delta R.T.: -0.014 min
Response: 10822203
Conc: 5.66 ng/ml



#36 AR-1262-1

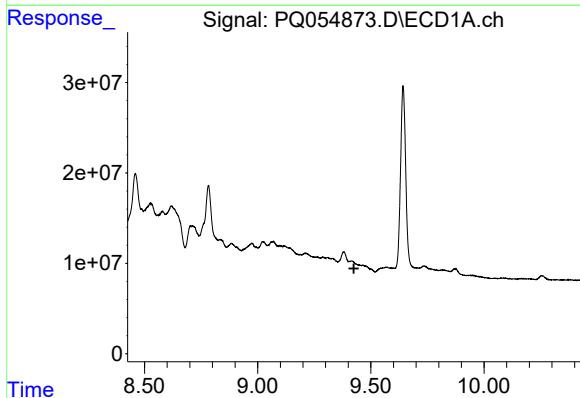
R.T.: 8.834 min
Delta R.T.: -0.005 min
Response: 63696563
Conc: 54.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



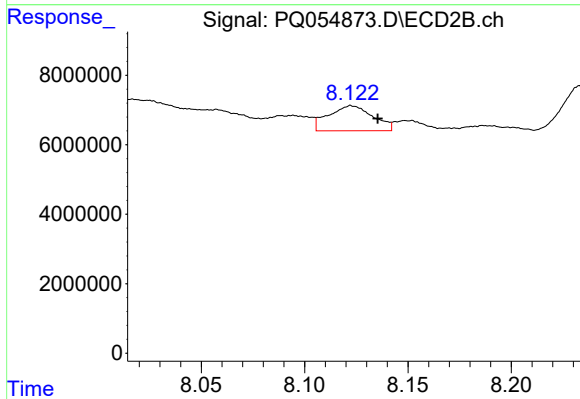
#36 AR-1262-1

R.T.: 7.572 min
Delta R.T.: -0.013 min
Response: 78268307
Conc: 151.48 ng/ml



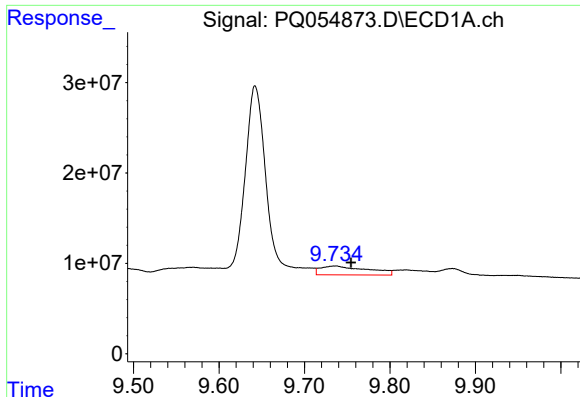
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.425 min
Response: 0
Conc: N.D.



#37 AR-1262-2

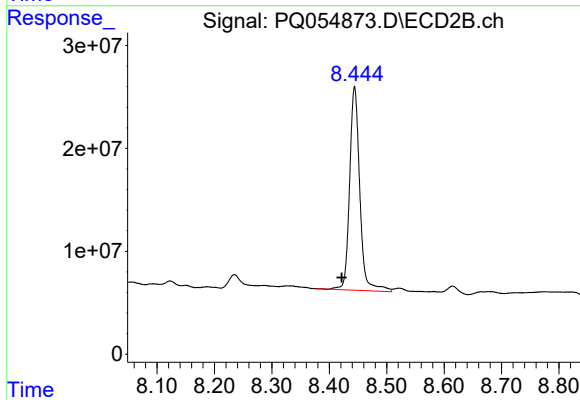
R.T.: 8.123 min
Delta R.T.: -0.013 min
Response: 10822203
Conc: 4.89 ng/ml



#38 AR-1262-3

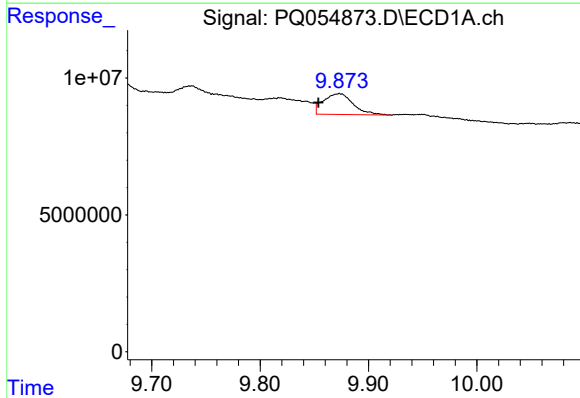
R.T.: 9.737 min
Delta R.T.: -0.018 min
Response: 37469890
Conc: 42.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



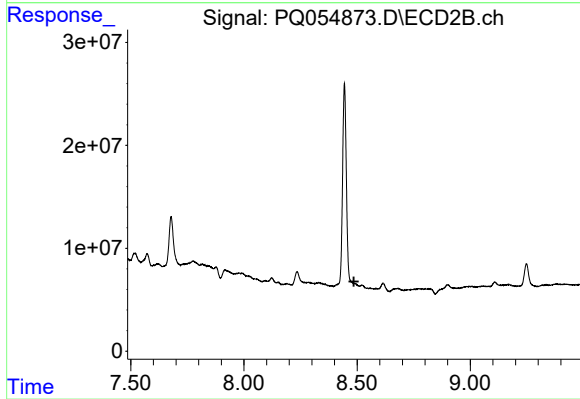
#38 AR-1262-3

R.T.: 8.444 min
Delta R.T.: 0.022 min
Response: 243622963
Conc: 274.57 ng/ml



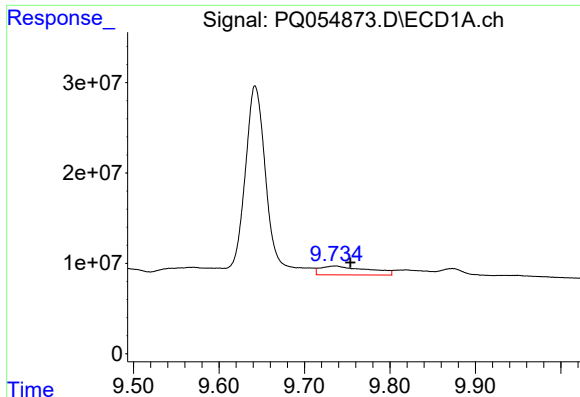
#39 AR-1262-4

R.T.: 9.873 min
Delta R.T.: 0.020 min
Response: 14550774
Conc: 25.79 ng/ml



#39 AR-1262-4

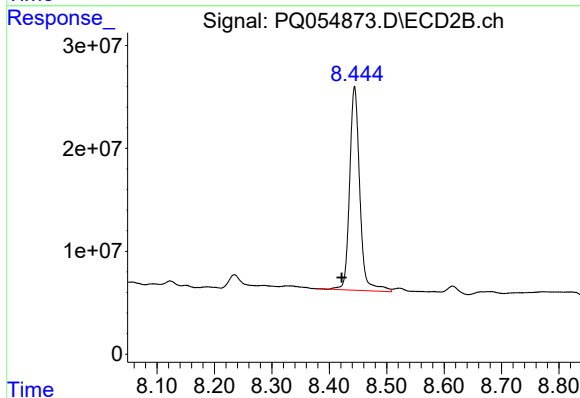
R.T.: 0.000 min
Exp R.T.: 8.486 min
Response: 0
Conc: N.D.



#41 AR-1268-1

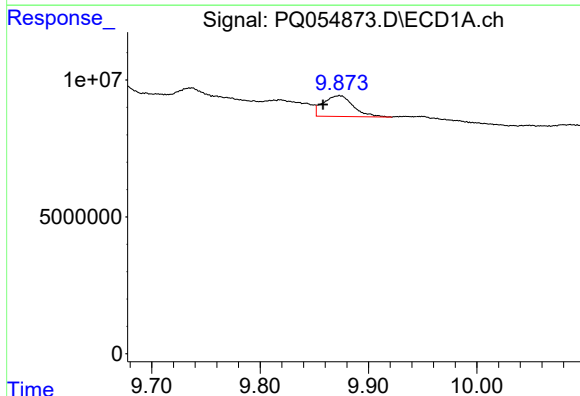
R.T.: 9.737 min
Delta R.T.: -0.017 min
Response: 37469890
Conc: 14.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



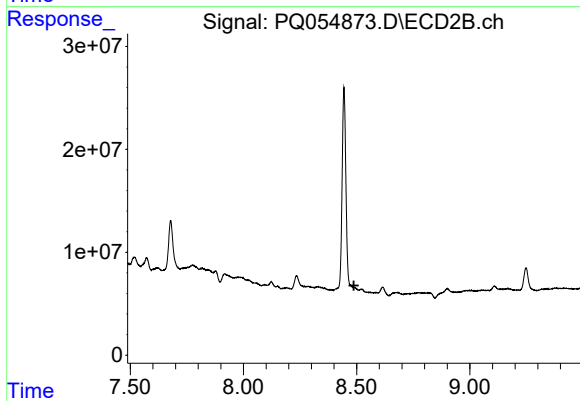
#41 AR-1268-1

R.T.: 8.444 min
Delta R.T.: 0.022 min
Response: 243622963
Conc: 89.76 ng/ml



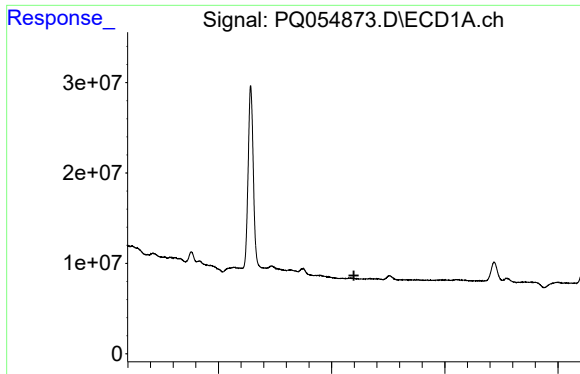
#42 AR-1268-2

R.T.: 9.873 min
Delta R.T.: 0.015 min
Response: 14550774
Conc: 6.36 ng/ml



#42 AR-1268-2

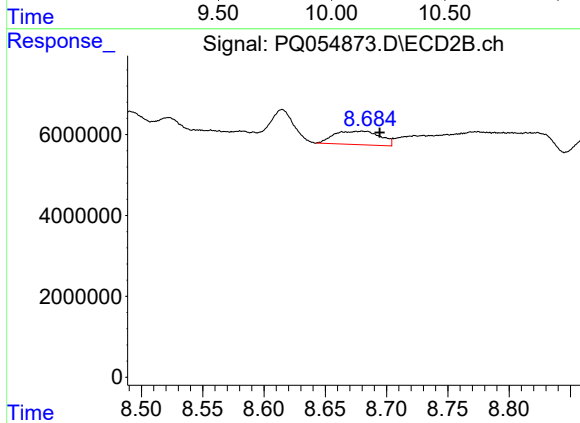
R.T.: 0.000 min
Exp R.T.: 8.488 min
Response: 0
Conc: N.D.



#43 AR-1268-3

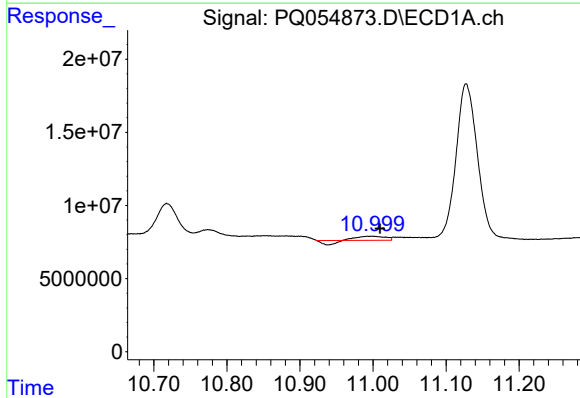
R.T.: 0.000 min
Exp R.T.: 10.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



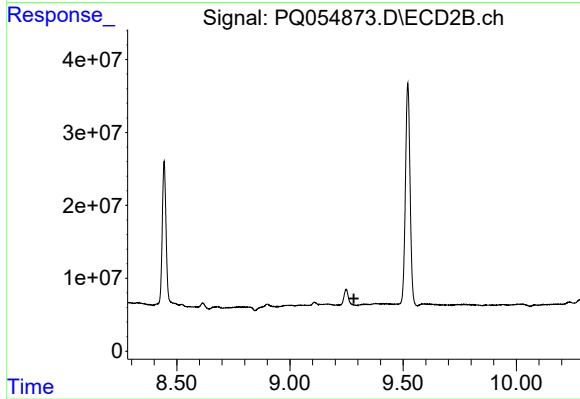
#43 AR-1268-3

R.T.: 8.680 min
Delta R.T.: -0.014 min
Response: 8718267
Conc: 4.33 ng/ml



#45 AR-1268-5

R.T.: 10.993 min
Delta R.T.: -0.017 min
Response: 4917417
Conc: 0.78 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.283 min
Response: 0
Conc: N.D.