

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012122\
 Data File : PQ055866.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 20:28
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 03:45:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 20 13:18:56 2022
 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...	5.238	4.295	714.2E6	630.0E6	52.728	56.033
2)	SA Decachlor...	11.419	9.662	733.7E6	433.0E6	50.257	54.290
Target Compounds							
3)	L1 AR-1016-1	6.566	5.567	6764820	5017796	19.345	16.340
4)	L1 AR-1016-2	6.594	5.587	10252081	4329478	15.080	6.951 #
5)	L1 AR-1016-3	6.654	5.779	4194323	2736457	9.225	10.026
6)	L1 AR-1016-4	6.762	5.825	3202528	128.8E6	8.648	510.411 #
7)	L1 AR-1016-5	7.075	6.057	67192261	72632432	229.476	248.091
8)	L2 AR-1221-1	5.493	4.547	148357	320203	1.040	2.828 #
9)	L2 AR-1221-2	5.593	4.655	12008258	7881990	109.470	90.055
10)	L2 AR-1221-3	5.677	4.751	3016982	1742609	9.297	6.176 #
11)	L3 AR-1232-1	5.677	4.751	3016982	1742609	11.248	7.581 #
12)	L3 AR-1232-2	6.263	5.587	14541238	4329478	98.081	17.805 #
13)	L3 AR-1232-3	6.594	5.779	10252081	2736457	36.896	26.345 #
14)	L3 AR-1232-4	6.762	5.870	3202528	41847516	21.655	403.141 #
15)	L3 AR-1232-5	6.856	6.057	101.4E6	72632432	1072.238	662.250 #
16)	L4 AR-1242-1	6.566	5.567	6764820	5017796	25.072	21.679
17)	L4 AR-1242-2	6.594	5.587	10252081	4329478	19.587	9.195 #
18)	L4 AR-1242-3	6.654	5.779	4194323	2736457	11.598	13.177
19)	L4 AR-1242-4	6.762	5.870	3202528	41847516	10.977	187.597 #
20)	L4 AR-1242-5	7.546	6.437	69450849	321.6E6	261.976	1190.845 #
21)	L5 AR-1248-1	6.566	5.567	6764820	5017796	32.306	29.028
22)	L5 AR-1248-2	6.856	5.825	101.4E6	128.8E6	316.647	403.746 #
23)	L5 AR-1248-3	7.075	5.870	67192261	41847516	177.598	127.830 #
24)	L5 AR-1248-4	7.506	6.057	102.0E6	72632432	240.990	192.555
25)	L5 AR-1248-5	7.546	6.485	69450849	36492796	150.832	99.258 #
26)	L6 AR-1254-1	7.472	6.437	182.2E6	321.6E6	447.138	518.725
27)	L6 AR-1254-2	7.702	6.595	294.6E6	276.2E6	454.700	510.010
28)	L6 AR-1254-3	8.086	7.019	357.1E6	432.1E6	456.683	500.922
29)	L6 AR-1254-4	8.383	7.260	248.5E6	311.5E6	438.615	498.531
30)	L6 AR-1254-5	8.810	7.687	268.2E6	367.5E6	424.917	484.632
31)	L7 AR-1260-1	8.250	7.154	131.4E6	204.7E6	273.358	373.885 #
32)	L7 AR-1260-2	8.515	7.349	146.1E6	172.7E6	248.060	260.219
33)	L7 AR-1260-3	8.873	7.506	38582295	171.0E6	77.157	277.767 #
34)	L7 AR-1260-4	9.119	7.991	107.4E6	18208853	184.360	36.047 #
35)	L7 AR-1260-5	9.471	8.234	55458835	42158161	42.197	35.491
36)	L8 AR-1262-1	8.873	7.687	38582295	367.5E6	53.861	1011.204 #
37)	L8 AR-1262-2	9.471	8.234	55458835	42158161	37.061	31.867
38)	L8 AR-1262-3	9.828f	8.524	36274759	1036941	47.149	2.095 #
39)	L8 AR-1262-4	9.879f	8.586	11496756	34720877	17.382	37.621 #
40)	L8 AR-1262-5	10.611	9.094	6027381	1380258	8.812	3.464 #
41)	L9 AR-1268-1	9.828f	8.524	36274759	1036941	19.190	0.707 #

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 Acq On : 21 Jan 2022 20:28
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

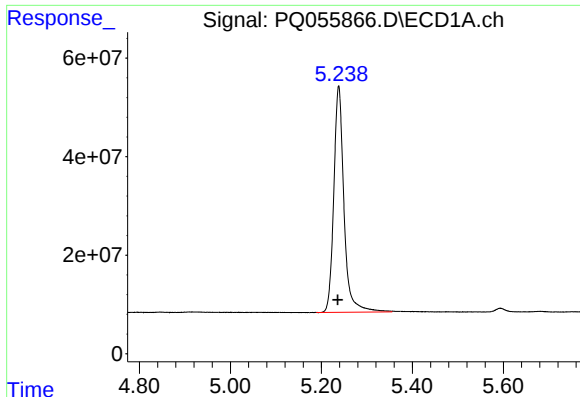
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 03:45:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.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	9.879f	8.586	11496756	34720877	5.757	26.201 #
43) L9	AR-1268-3	10.144	8.798	1599242	910256	0.935	0.824
44) L9	AR-1268-4	10.611	9.094	6027381	1380258	8.085	3.141 #
45) L9	AR-1268-5	11.060	9.397	4953518	2865419	0.902	0.866

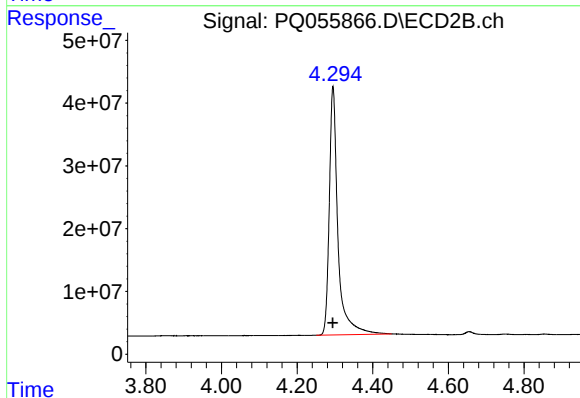
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

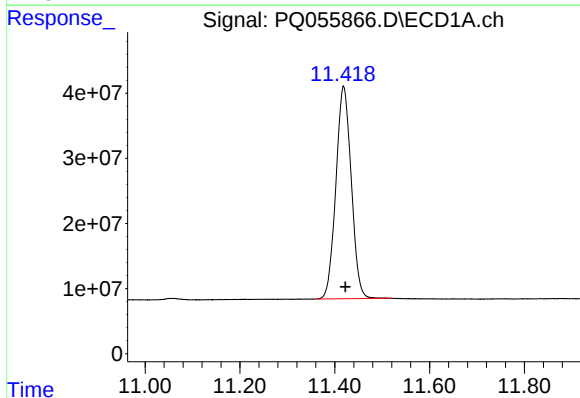
R.T.: 5.238 min
Delta R.T.: 0.002 min
Response: 714152813
Conc: 52.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



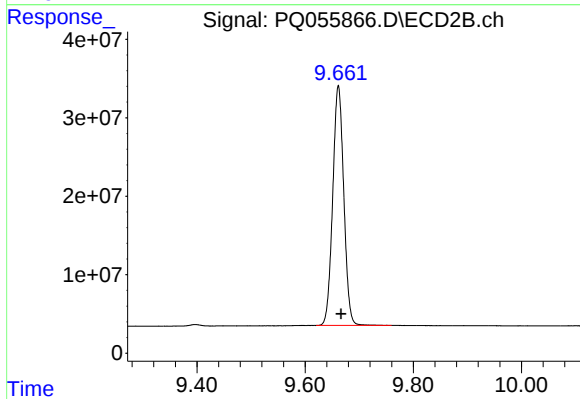
#1 Tetrachloro-m-xylene

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 630023533
Conc: 56.03 ng/ml



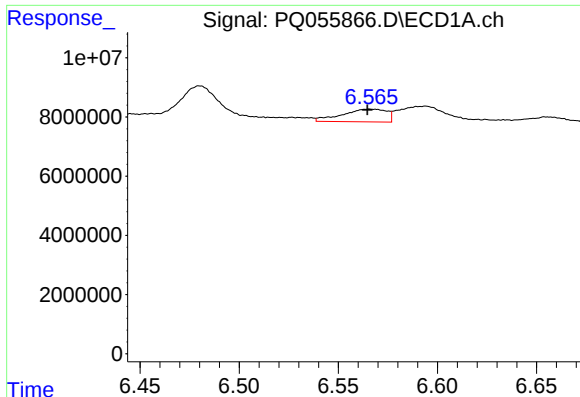
#2 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: -0.003 min
Response: 733679939
Conc: 50.26 ng/ml



#2 Decachlorobiphenyl

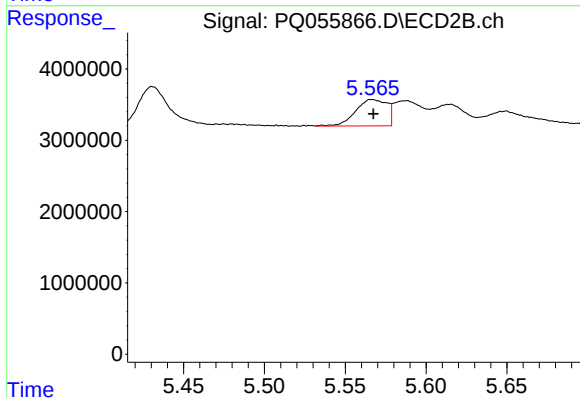
R.T.: 9.662 min
Delta R.T.: -0.005 min
Response: 432971938
Conc: 54.29 ng/ml



#3 AR-1016-1

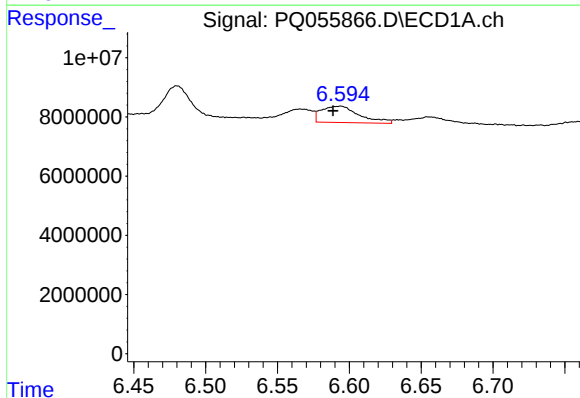
R.T.: 6.566 min
Delta R.T.: 0.001 min
Response: 6764820
Conc: 19.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



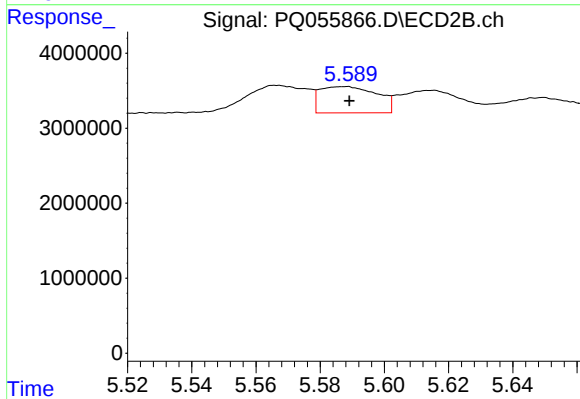
#3 AR-1016-1

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 5017796
Conc: 16.34 ng/ml



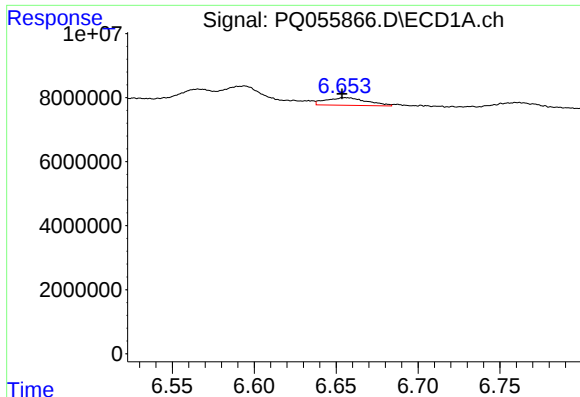
#4 AR-1016-2

R.T.: 6.594 min
Delta R.T.: 0.006 min
Response: 10252081
Conc: 15.08 ng/ml



#4 AR-1016-2

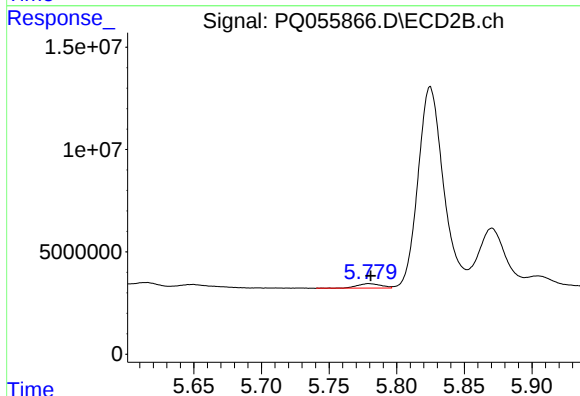
R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 4329478
Conc: 6.95 ng/ml



#5 AR-1016-3

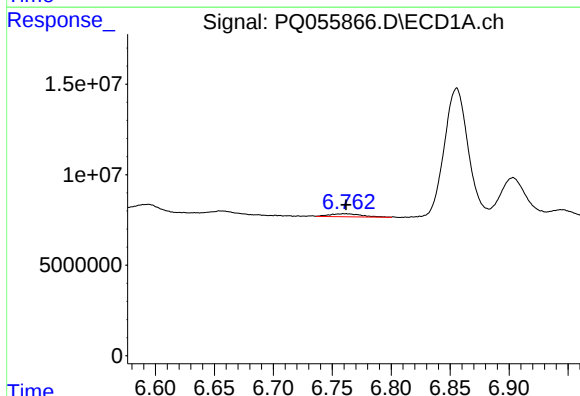
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 4194323
Conc: 9.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



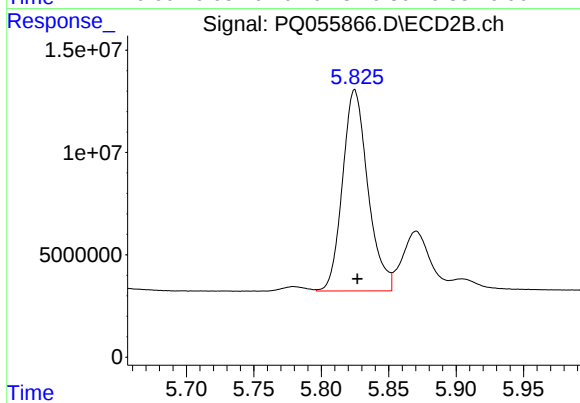
#5 AR-1016-3

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2736457
Conc: 10.03 ng/ml



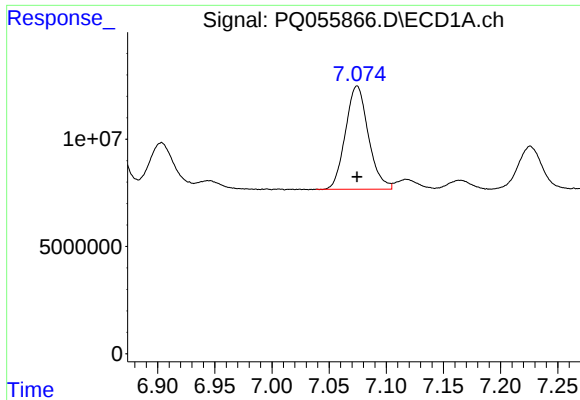
#6 AR-1016-4

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 3202528
Conc: 8.65 ng/ml



#6 AR-1016-4

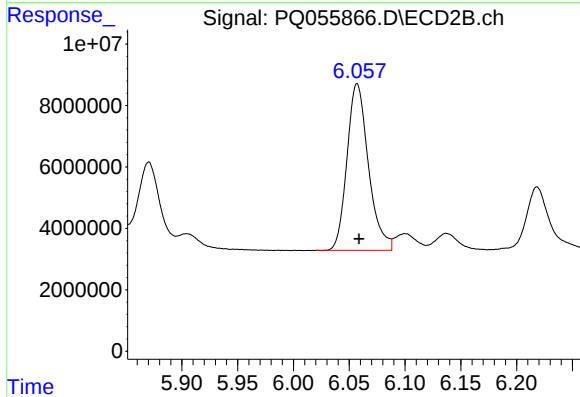
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 128797024
Conc: 510.41 ng/ml



#7 AR-1016-5

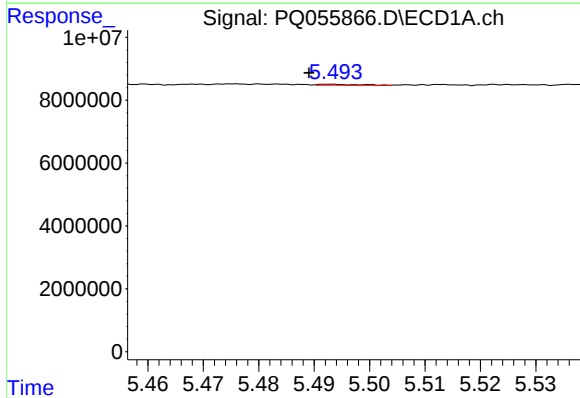
R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 67192261
Conc: 229.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



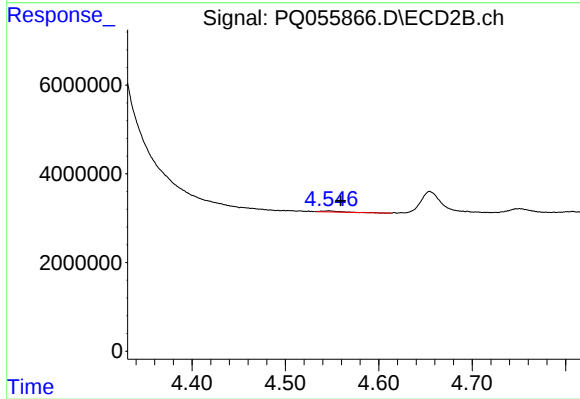
#7 AR-1016-5

R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 72632432
Conc: 248.09 ng/ml



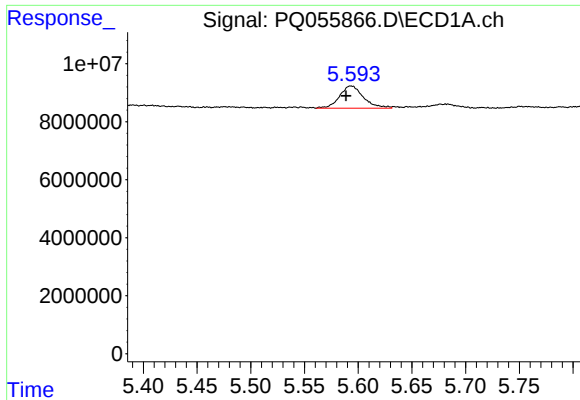
#8 AR-1221-1

R.T.: 5.493 min
Delta R.T.: 0.004 min
Response: 148357
Conc: 1.04 ng/ml



#8 AR-1221-1

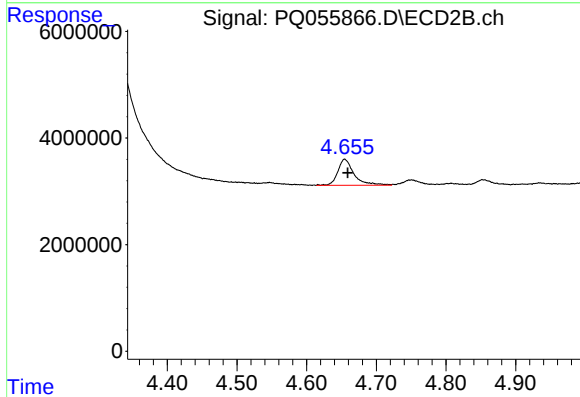
R.T.: 4.547 min
Delta R.T.: -0.013 min
Response: 320203
Conc: 2.83 ng/ml



#9 AR-1221-2

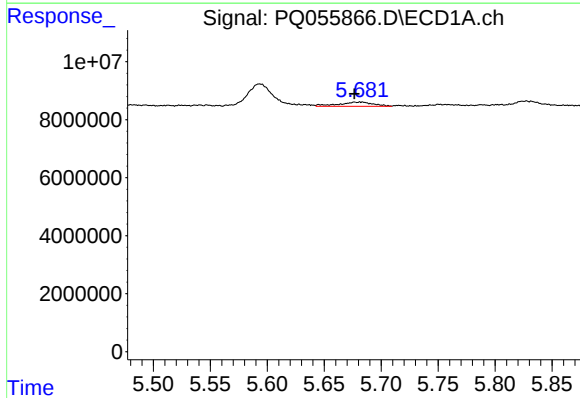
R.T.: 5.593 min
Delta R.T.: 0.004 min
Response: 12008258
Conc: 109.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



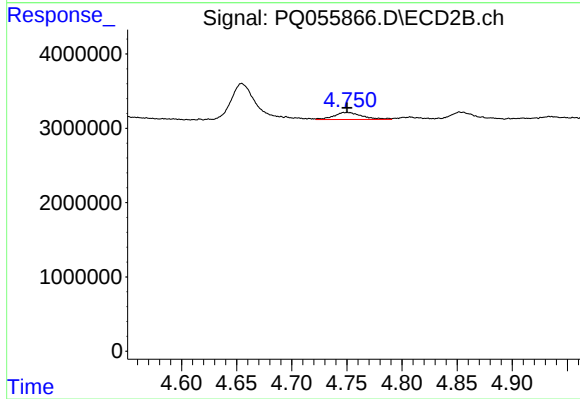
#9 AR-1221-2

R.T.: 4.655 min
Delta R.T.: -0.004 min
Response: 7881990
Conc: 90.06 ng/ml



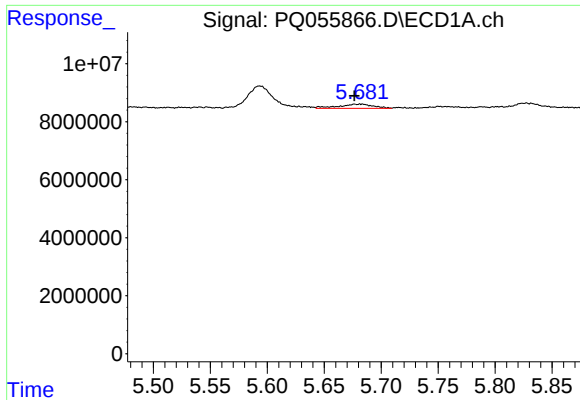
#10 AR-1221-3

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 3016982
Conc: 9.30 ng/ml



#10 AR-1221-3

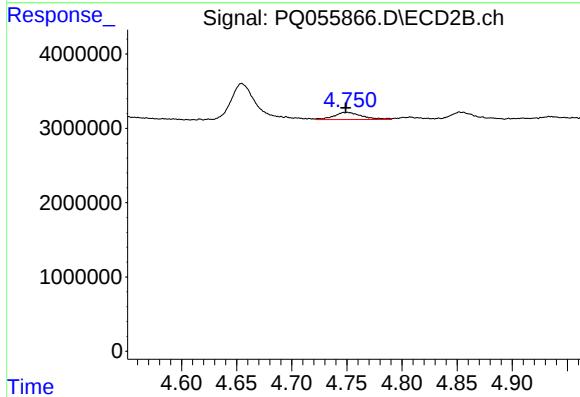
R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 1742609
Conc: 6.18 ng/ml



#11 AR-1232-1

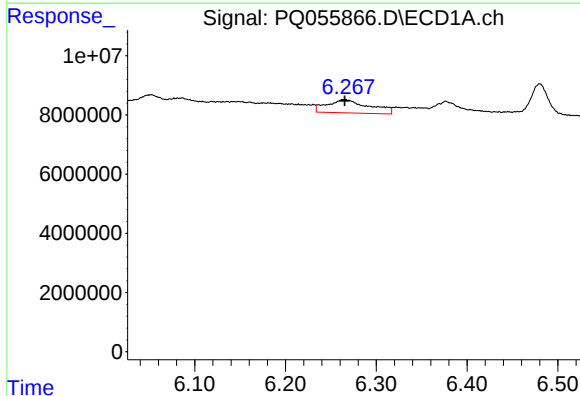
R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 3016982
Conc: 11.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



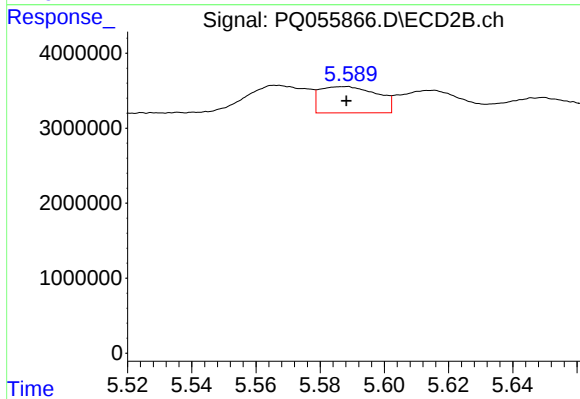
#11 AR-1232-1

R.T.: 4.751 min
Delta R.T.: 0.002 min
Response: 1742609
Conc: 7.58 ng/ml



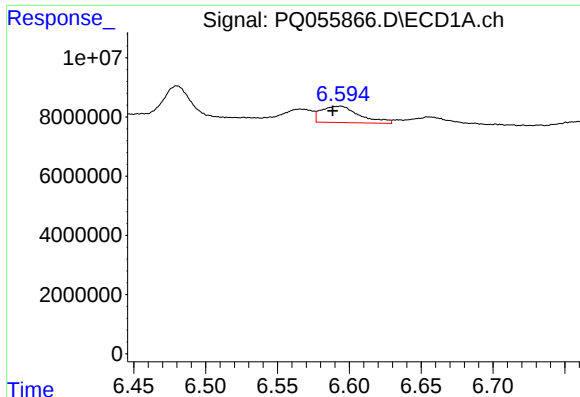
#12 AR-1232-2

R.T.: 6.263 min
Delta R.T.: -0.002 min
Response: 14541238
Conc: 98.08 ng/ml



#12 AR-1232-2

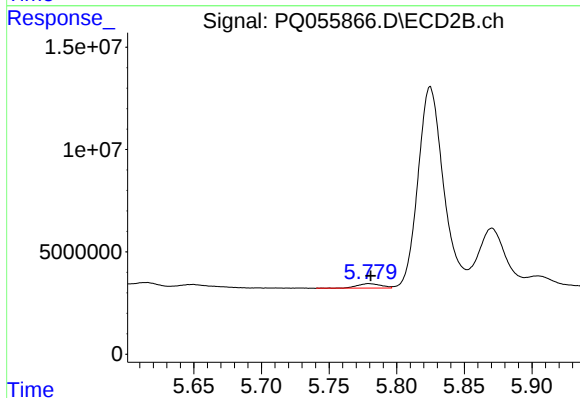
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 4329478
Conc: 17.80 ng/ml



#13 AR-1232-3

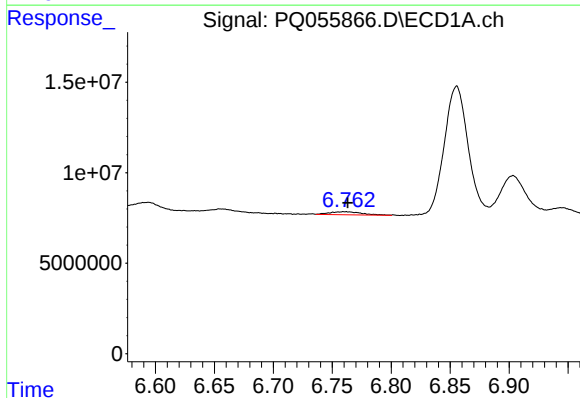
R.T.: 6.594 min
Delta R.T.: 0.006 min
Response: 10252081
Conc: 36.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



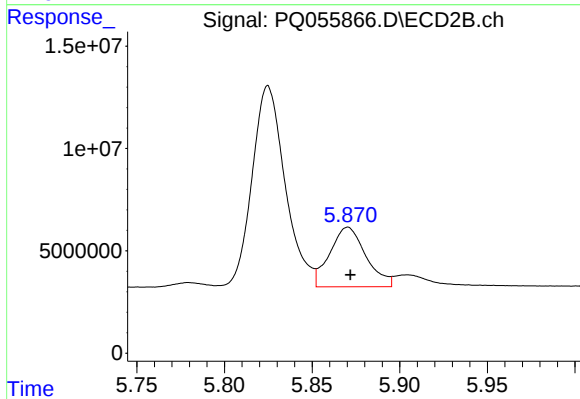
#13 AR-1232-3

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2736457
Conc: 26.34 ng/ml



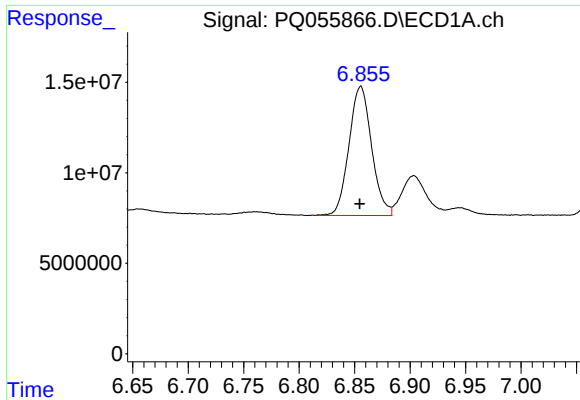
#14 AR-1232-4

R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 3202528
Conc: 21.65 ng/ml



#14 AR-1232-4

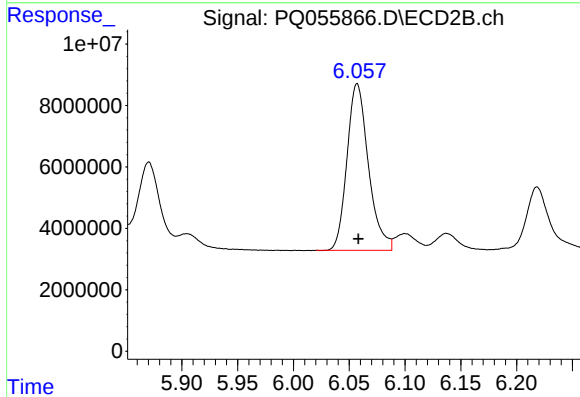
R.T.: 5.870 min
Delta R.T.: -0.002 min
Response: 41847516
Conc: 403.14 ng/ml



#15 AR-1232-5

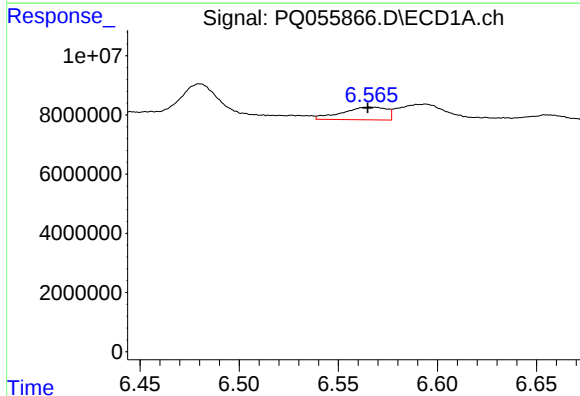
R.T.: 6.856 min
Delta R.T.: 0.001 min
Response: 101385420
Conc: 1072.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



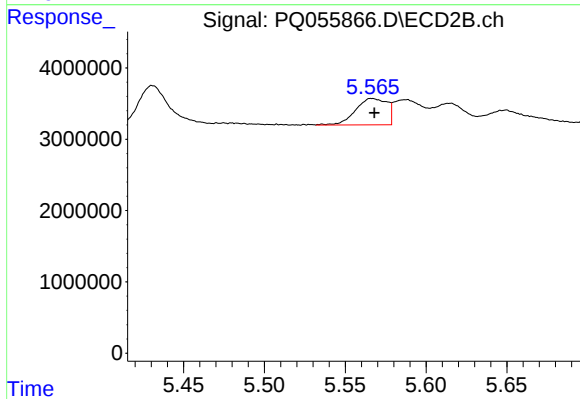
#15 AR-1232-5

R.T.: 6.057 min
Delta R.T.: -0.001 min
Response: 72632432
Conc: 662.25 ng/ml



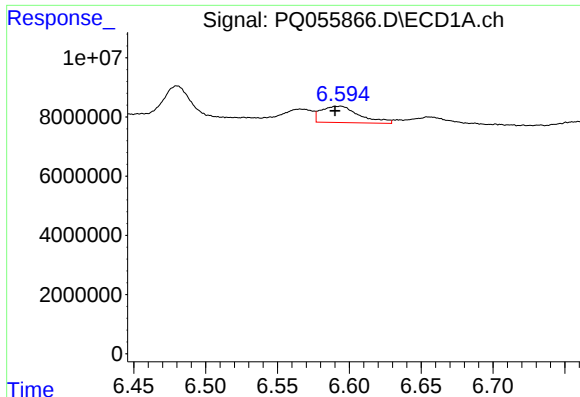
#16 AR-1242-1

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 6764820
Conc: 25.07 ng/ml



#16 AR-1242-1

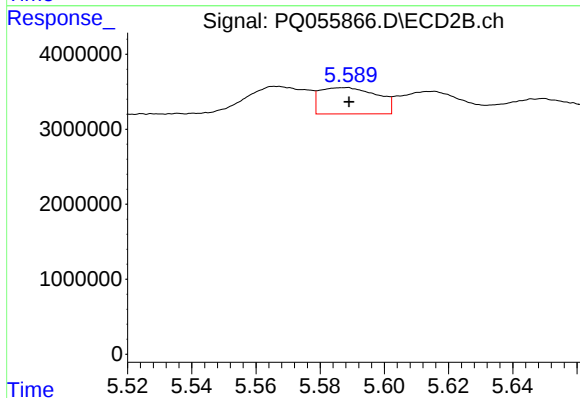
R.T.: 5.567 min
Delta R.T.: -0.002 min
Response: 5017796
Conc: 21.68 ng/ml



#17 AR-1242-2

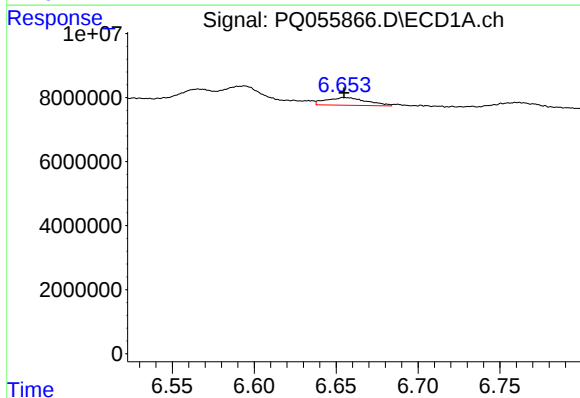
R.T.: 6.594 min
Delta R.T.: 0.004 min
Response: 10252081
Conc: 19.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



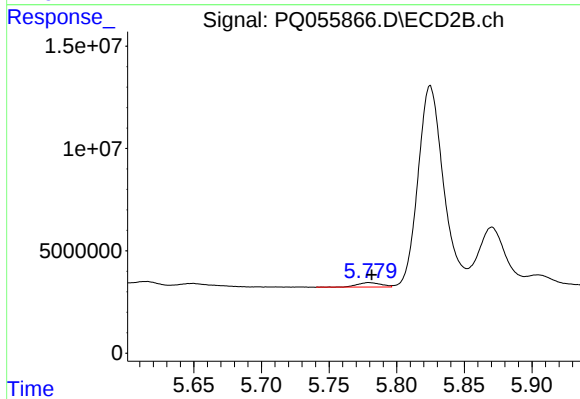
#17 AR-1242-2

R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 4329478
Conc: 9.19 ng/ml



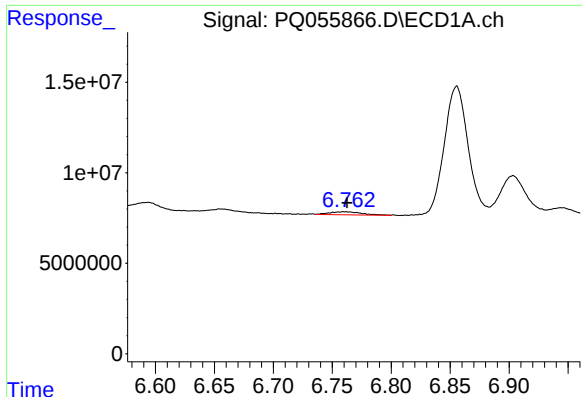
#18 AR-1242-3

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 4194323
Conc: 11.60 ng/ml



#18 AR-1242-3

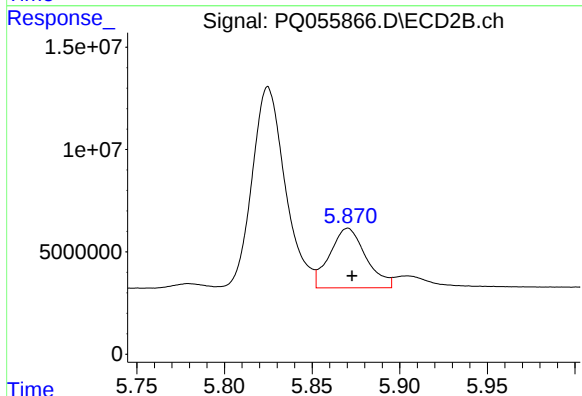
R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 2736457
Conc: 13.18 ng/ml



#19 AR-1242-4

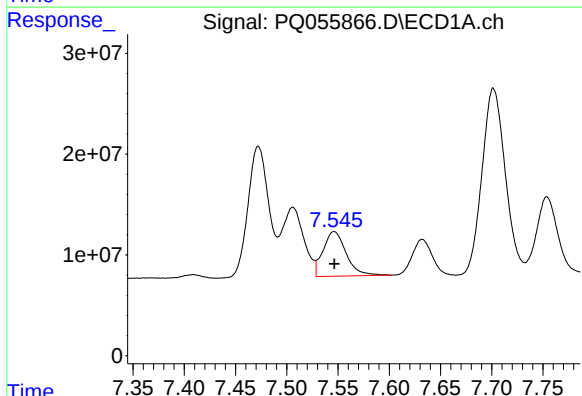
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 3202528
Conc: 10.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



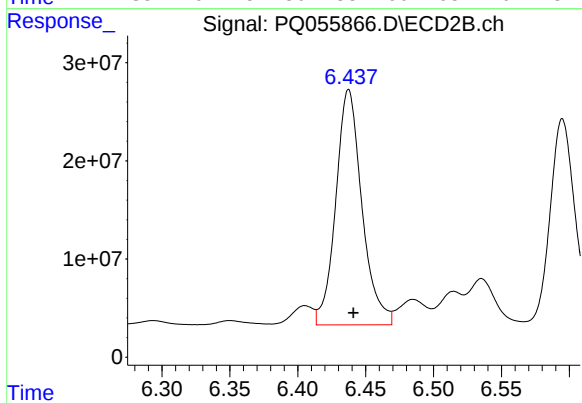
#19 AR-1242-4

R.T.: 5.870 min
Delta R.T.: -0.002 min
Response: 41847516
Conc: 187.60 ng/ml



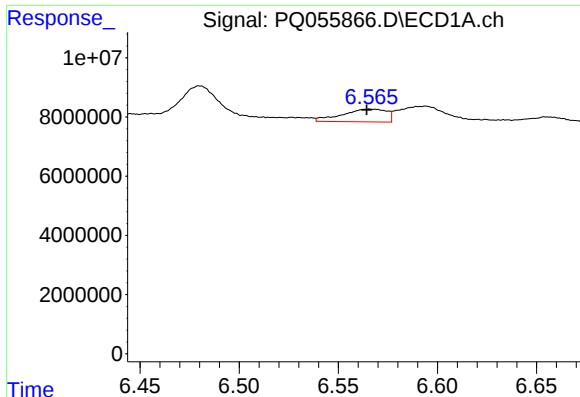
#20 AR-1242-5

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 69450849
Conc: 261.98 ng/ml



#20 AR-1242-5

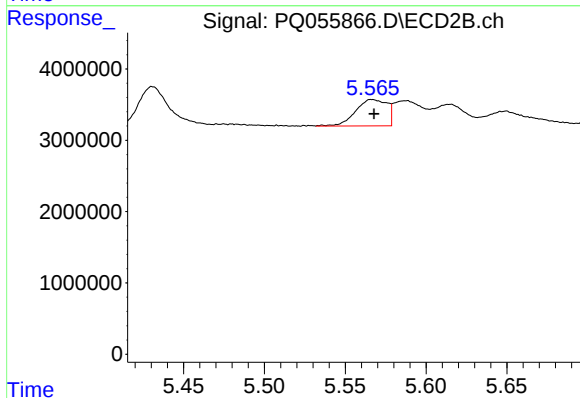
R.T.: 6.437 min
Delta R.T.: -0.004 min
Response: 321564841
Conc: 1190.85 ng/ml



#21 AR-1248-1

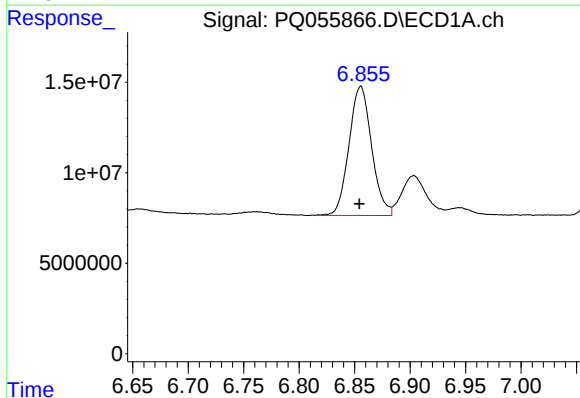
R.T.: 6.566 min
Delta R.T.: 0.001 min
Response: 6764820
Conc: 32.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



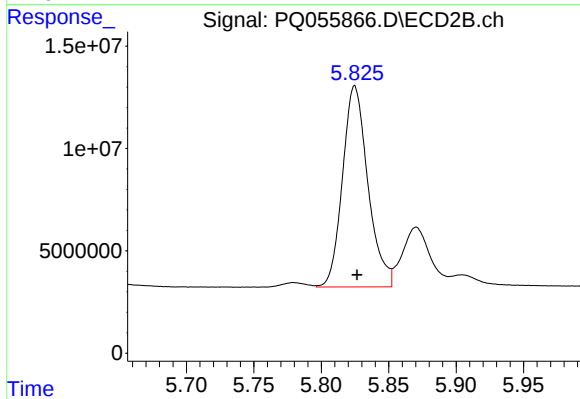
#21 AR-1248-1

R.T.: 5.567 min
Delta R.T.: -0.001 min
Response: 5017796
Conc: 29.03 ng/ml



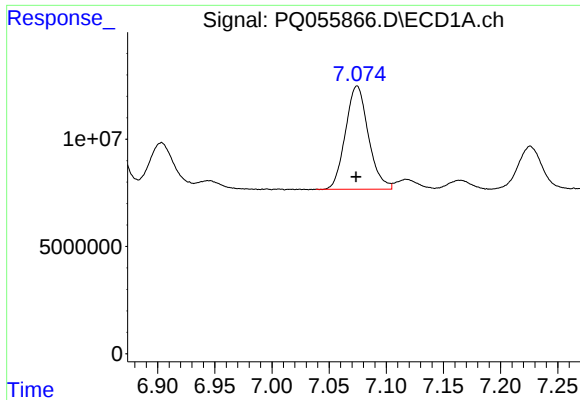
#22 AR-1248-2

R.T.: 6.856 min
Delta R.T.: 0.001 min
Response: 101385420
Conc: 316.65 ng/ml



#22 AR-1248-2

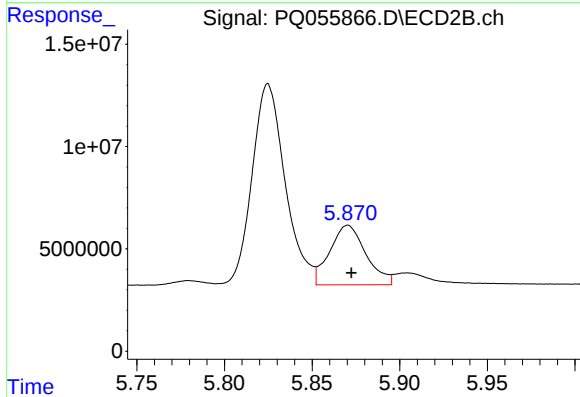
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 128797024
Conc: 403.75 ng/ml



#23 AR-1248-3

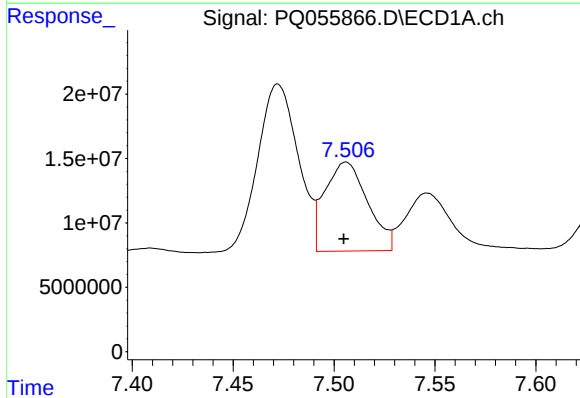
R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 67192261
Conc: 177.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



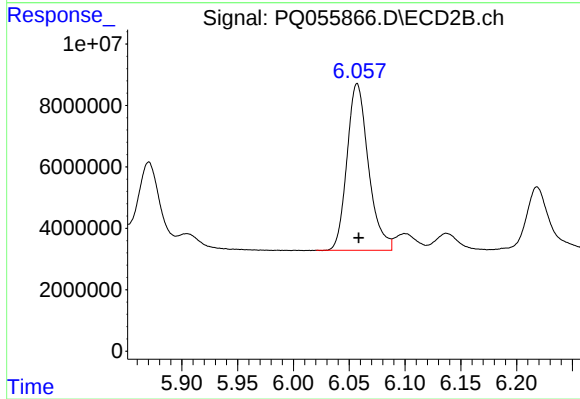
#23 AR-1248-3

R.T.: 5.870 min
Delta R.T.: -0.002 min
Response: 41847516
Conc: 127.83 ng/ml



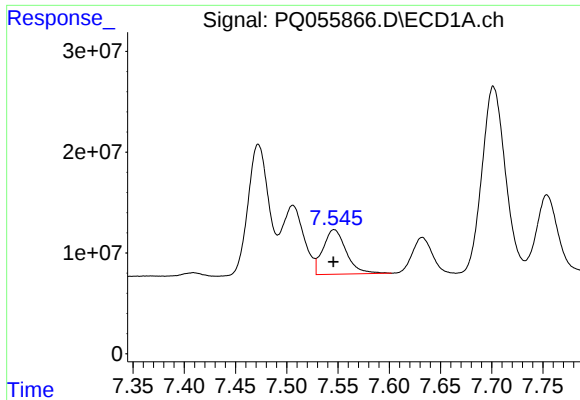
#24 AR-1248-4

R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 101951532
Conc: 240.99 ng/ml



#24 AR-1248-4

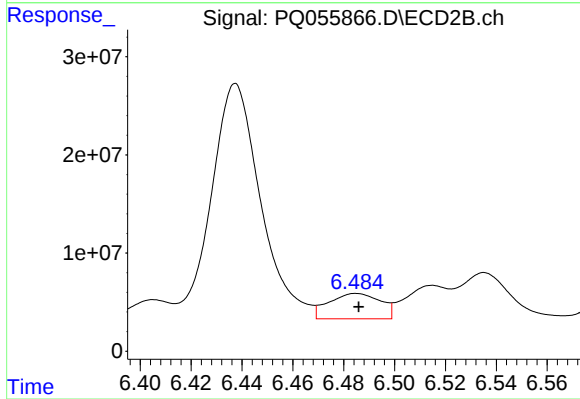
R.T.: 6.057 min
Delta R.T.: -0.001 min
Response: 72632432
Conc: 192.56 ng/ml



#25 AR-1248-5

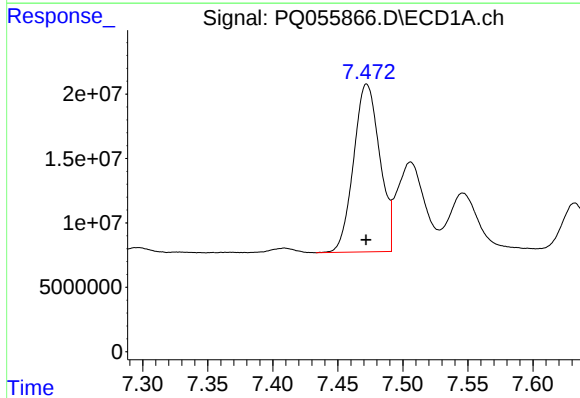
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 69450849
Conc: 150.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



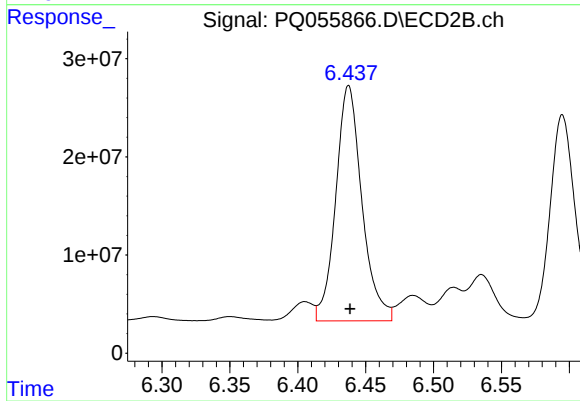
#25 AR-1248-5

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 36492796
Conc: 99.26 ng/ml



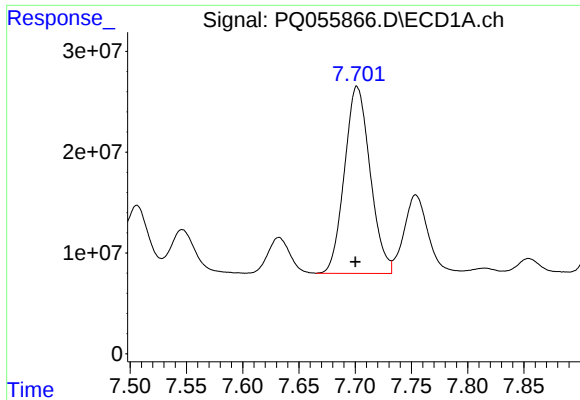
#26 AR-1254-1

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 182171920
Conc: 447.14 ng/ml



#26 AR-1254-1

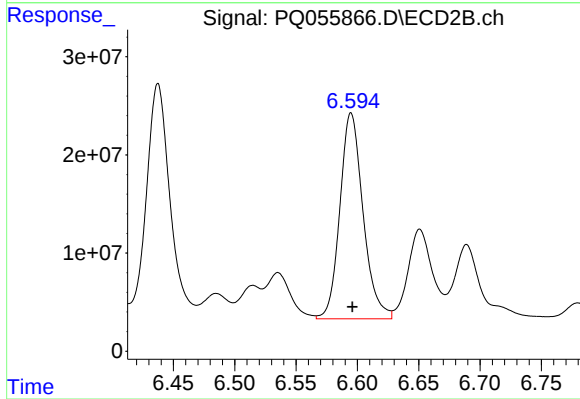
R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 321564841
Conc: 518.72 ng/ml



#27 AR-1254-2

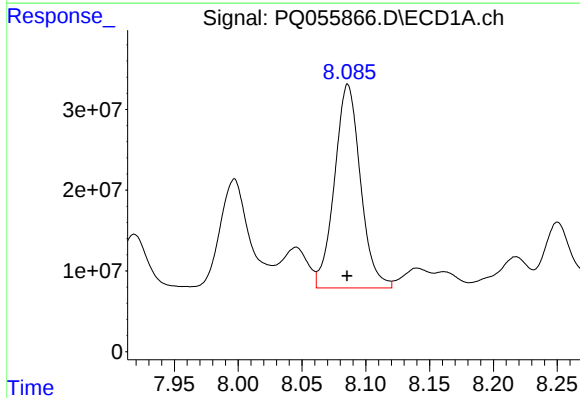
R.T.: 7.702 min
Delta R.T.: 0.002 min
Response: 294603584
Conc: 454.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



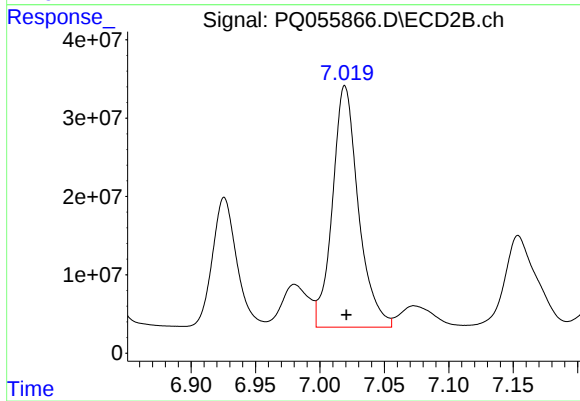
#27 AR-1254-2

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 276184888
Conc: 510.01 ng/ml



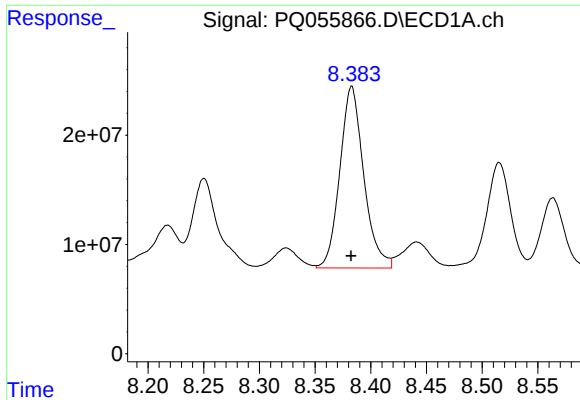
#28 AR-1254-3

R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 357139563
Conc: 456.68 ng/ml



#28 AR-1254-3

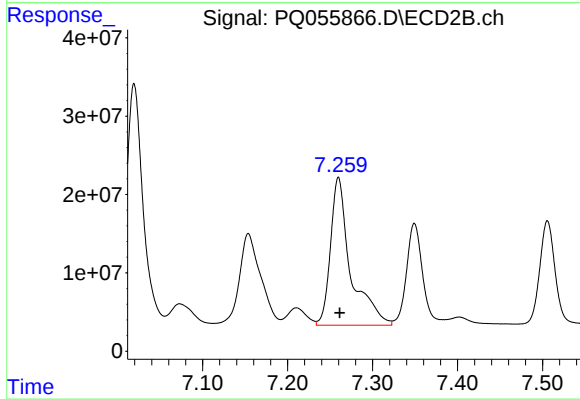
R.T.: 7.019 min
Delta R.T.: -0.001 min
Response: 432068327
Conc: 500.92 ng/ml



#29 AR-1254-4

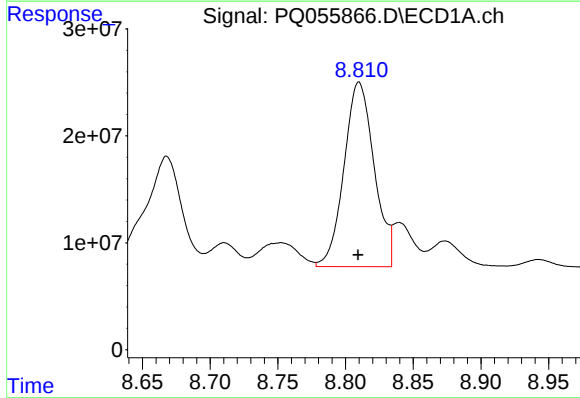
R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 248488443
Conc: 438.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



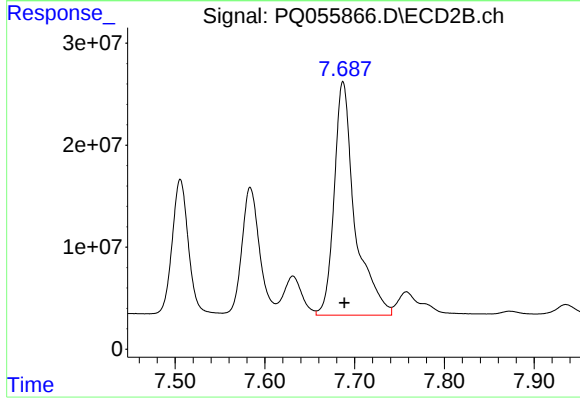
#29 AR-1254-4

R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 311533044
Conc: 498.53 ng/ml



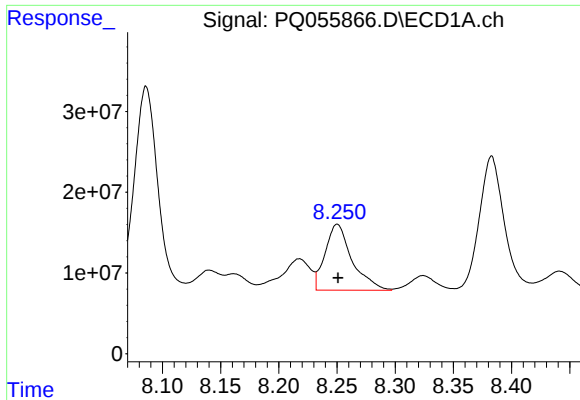
#30 AR-1254-5

R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 268206175
Conc: 424.92 ng/ml



#30 AR-1254-5

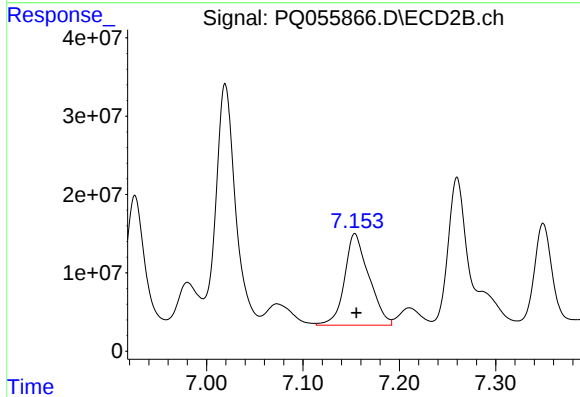
R.T.: 7.687 min
Delta R.T.: -0.002 min
Response: 367506926
Conc: 484.63 ng/ml



#31 AR-1260-1

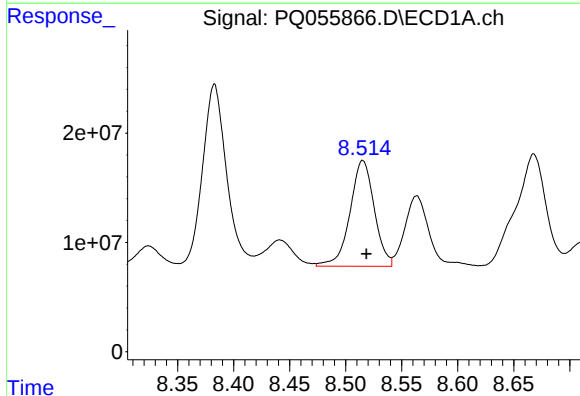
R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 131385604
Conc: 273.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



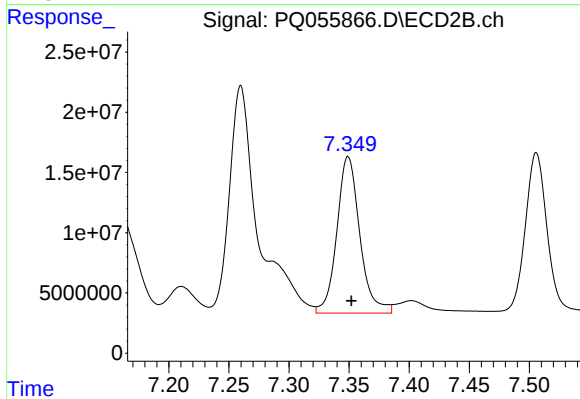
#31 AR-1260-1

R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 204731513
Conc: 373.89 ng/ml



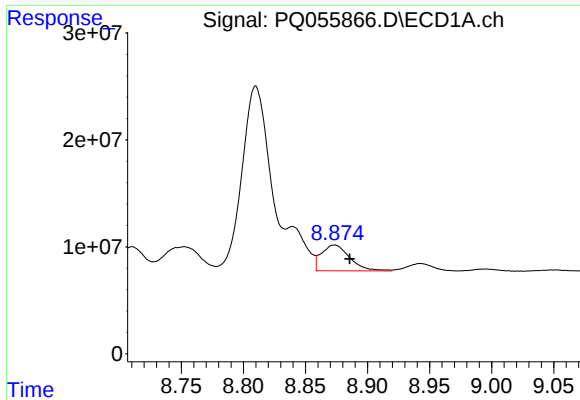
#32 AR-1260-2

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 146126687
Conc: 248.06 ng/ml



#32 AR-1260-2

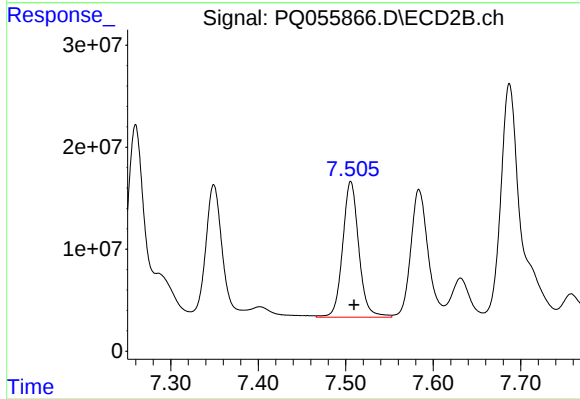
R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 172730242
Conc: 260.22 ng/ml



#33 AR-1260-3

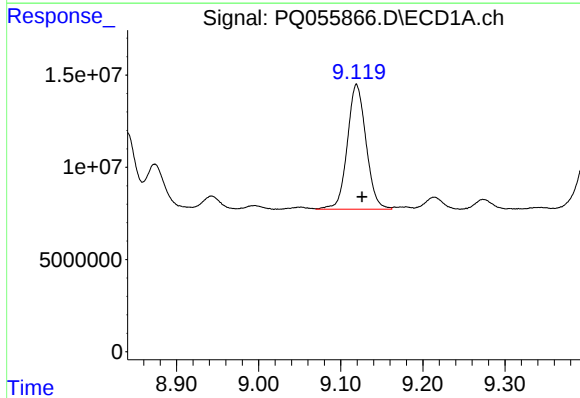
R.T.: 8.873 min
Delta R.T.: -0.012 min
Response: 38582295
Conc: 77.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



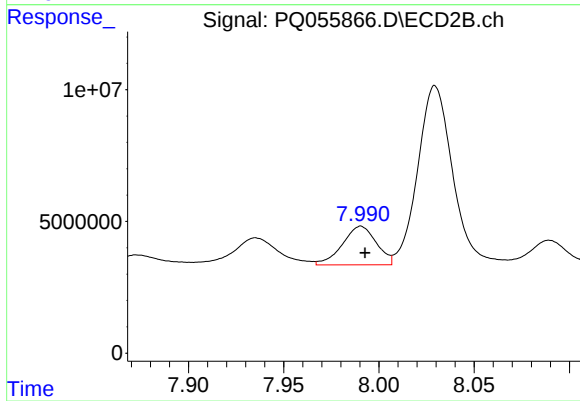
#33 AR-1260-3

R.T.: 7.506 min
Delta R.T.: -0.004 min
Response: 170976053
Conc: 277.77 ng/ml



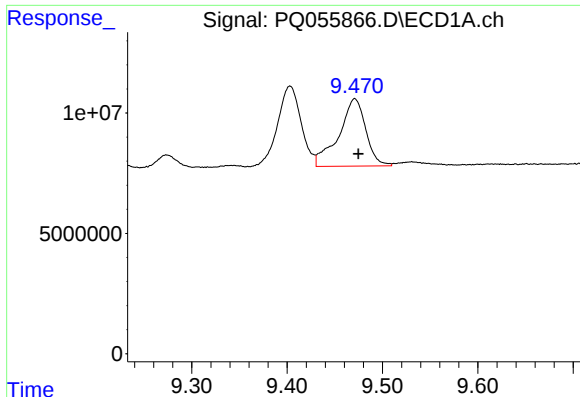
#34 AR-1260-4

R.T.: 9.119 min
Delta R.T.: -0.007 min
Response: 107390222
Conc: 184.36 ng/ml



#34 AR-1260-4

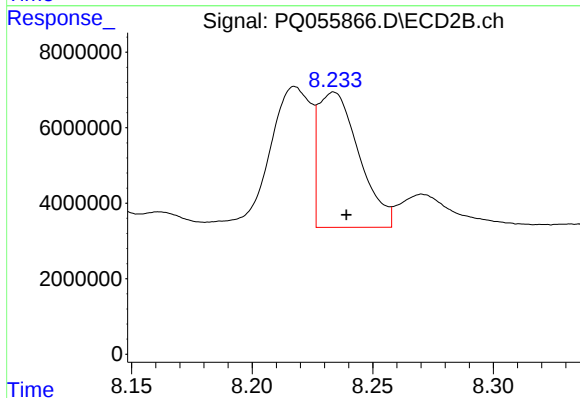
R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 18208853
Conc: 36.05 ng/ml



#35 AR-1260-5

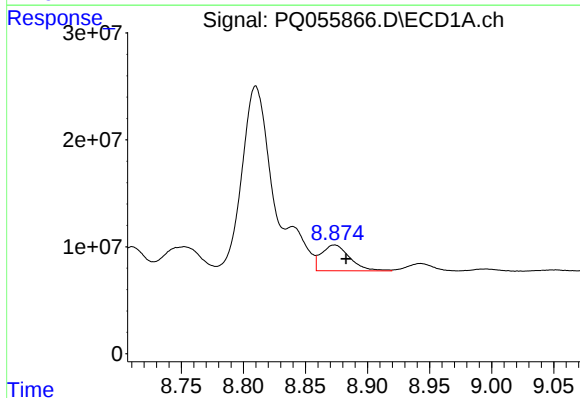
R.T.: 9.471 min
Delta R.T.: -0.004 min
Response: 55458835
Conc: 42.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



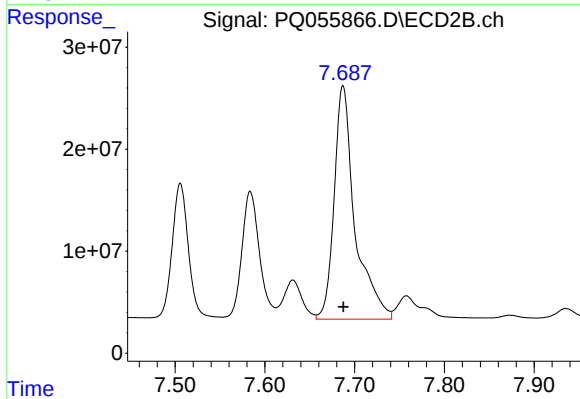
#35 AR-1260-5

R.T.: 8.234 min
Delta R.T.: -0.005 min
Response: 42158161
Conc: 35.49 ng/ml



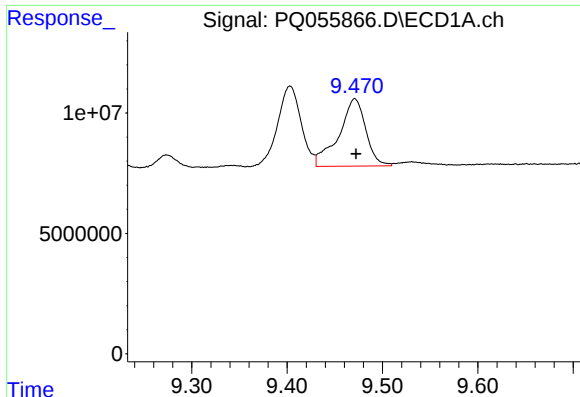
#36 AR-1262-1

R.T.: 8.873 min
Delta R.T.: -0.009 min
Response: 38582295
Conc: 53.86 ng/ml



#36 AR-1262-1

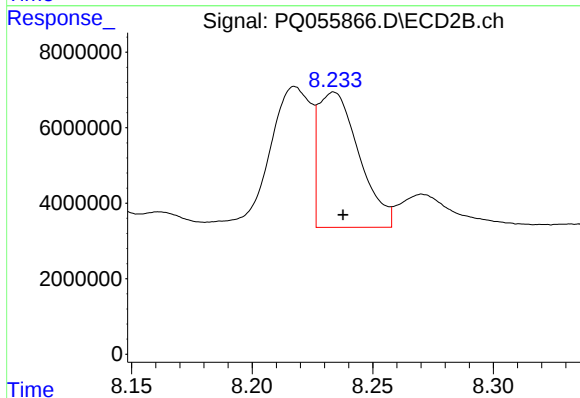
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 367506926
Conc: 1011.20 ng/ml



#37 AR-1262-2

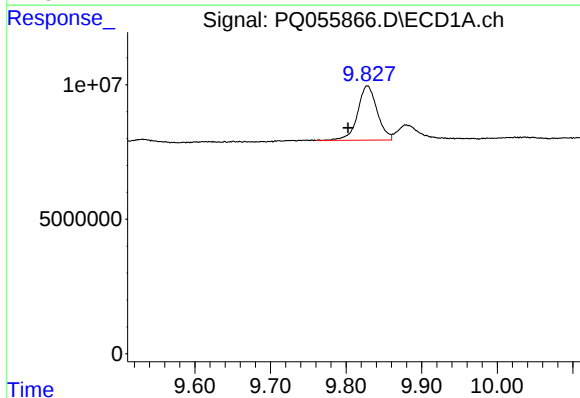
R.T.: 9.471 min
Delta R.T.: -0.001 min
Response: 55458835
Conc: 37.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



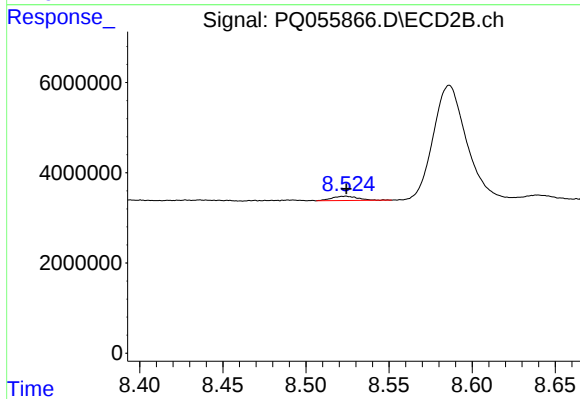
#37 AR-1262-2

R.T.: 8.234 min
Delta R.T.: -0.004 min
Response: 42158161
Conc: 31.87 ng/ml



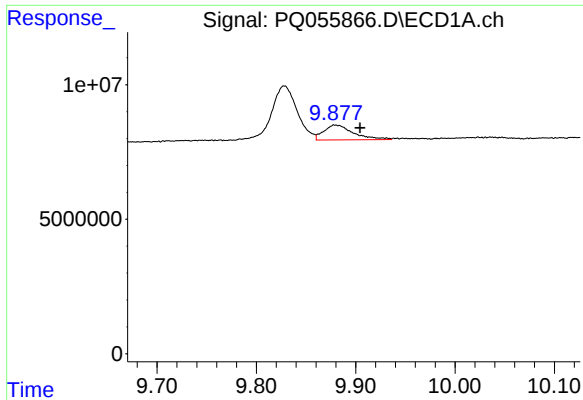
#38 AR-1262-3

R.T.: 9.828 min
Delta R.T.: 0.026 min
Response: 36274759
Conc: 47.15 ng/ml



#38 AR-1262-3

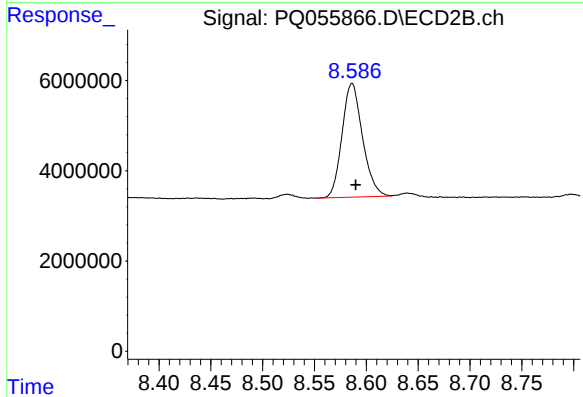
R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 1036941
Conc: 2.09 ng/ml



#39 AR-1262-4

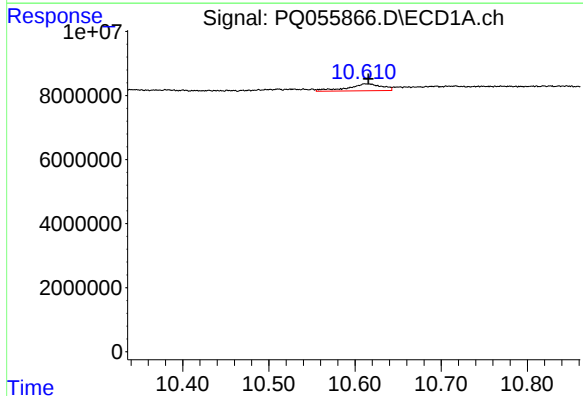
R.T.: 9.879 min
Delta R.T.: -0.025 min
Response: 11496756
Conc: 17.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



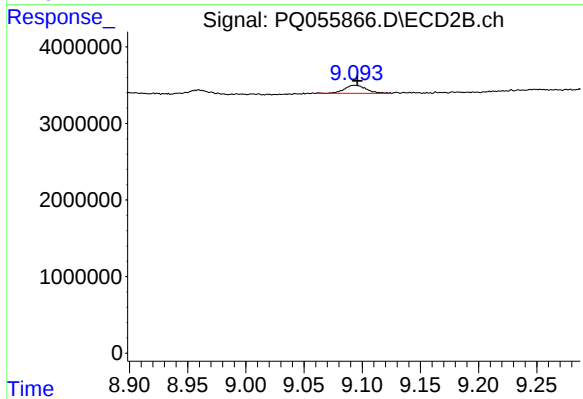
#39 AR-1262-4

R.T.: 8.586 min
Delta R.T.: -0.003 min
Response: 34720877
Conc: 37.62 ng/ml



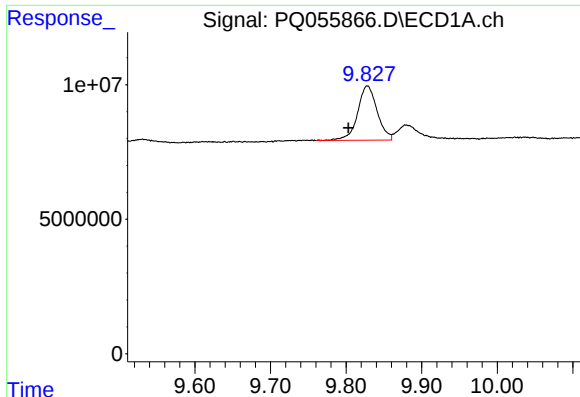
#40 AR-1262-5

R.T.: 10.611 min
Delta R.T.: -0.004 min
Response: 6027381
Conc: 8.81 ng/ml



#40 AR-1262-5

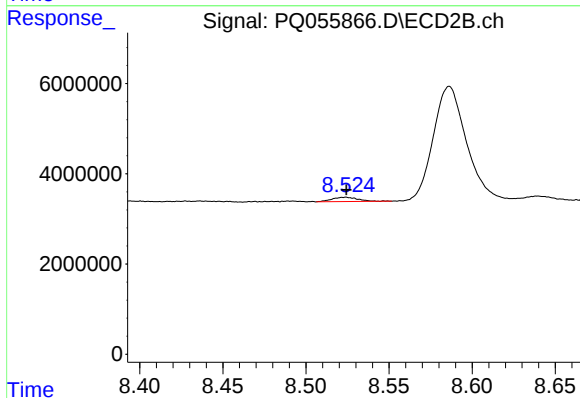
R.T.: 9.094 min
Delta R.T.: -0.002 min
Response: 1380258
Conc: 3.46 ng/ml



#41 AR-1268-1

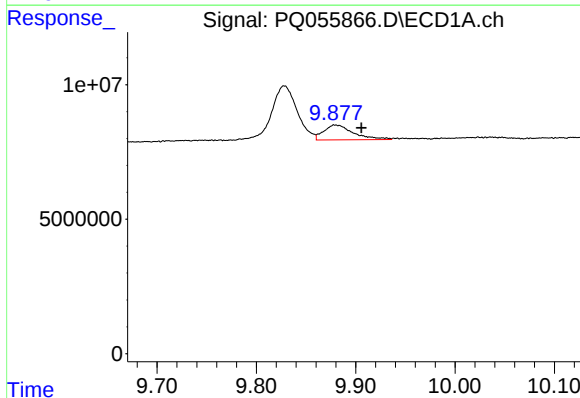
R.T.: 9.828 min
Delta R.T.: 0.025 min
Response: 36274759
Conc: 19.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



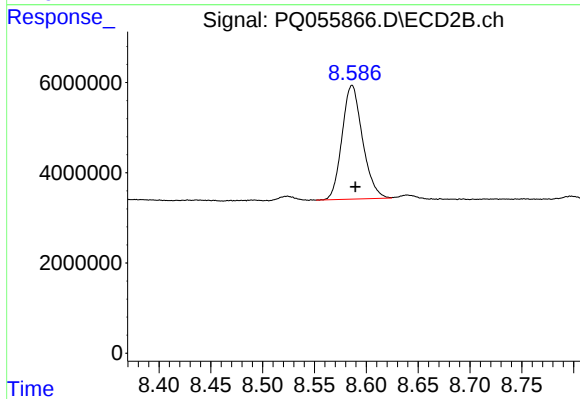
#41 AR-1268-1

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 1036941
Conc: 0.71 ng/ml



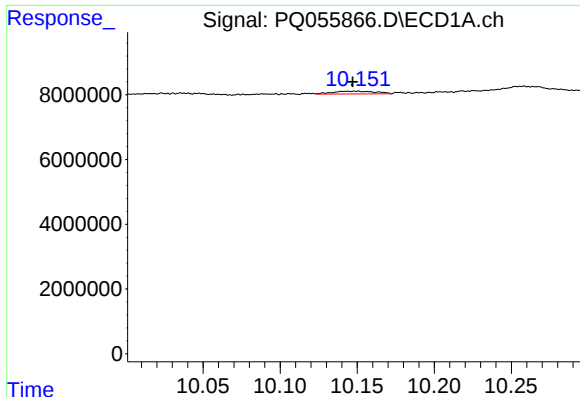
#42 AR-1268-2

R.T.: 9.879 min
Delta R.T.: -0.027 min
Response: 11496756
Conc: 5.76 ng/ml



#42 AR-1268-2

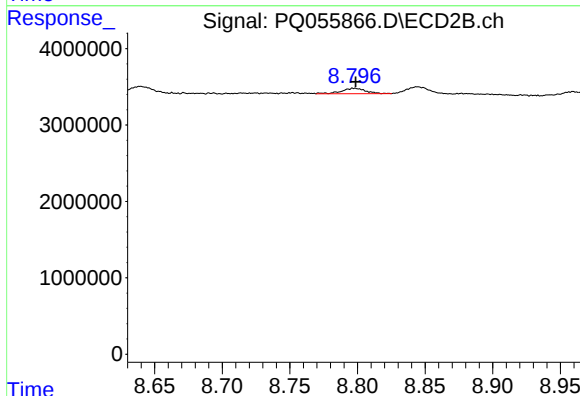
R.T.: 8.586 min
Delta R.T.: -0.003 min
Response: 34720877
Conc: 26.20 ng/ml



#43 AR-1268-3

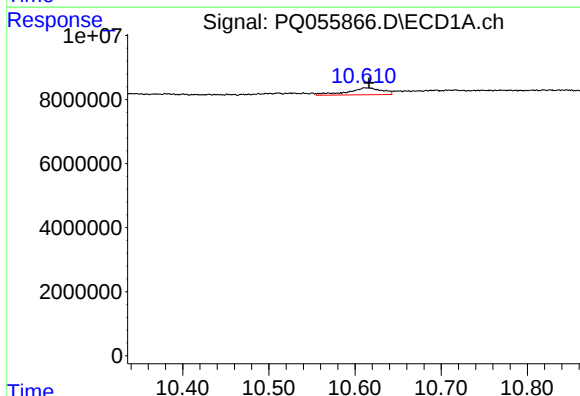
R.T.: 10.144 min
Delta R.T.: -0.004 min
Response: 1599242
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



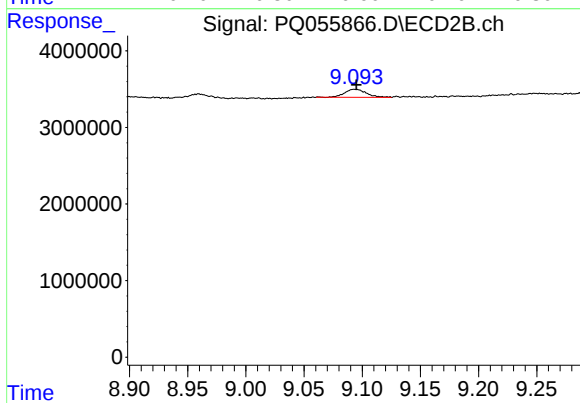
#43 AR-1268-3

R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 910256
Conc: 0.82 ng/ml



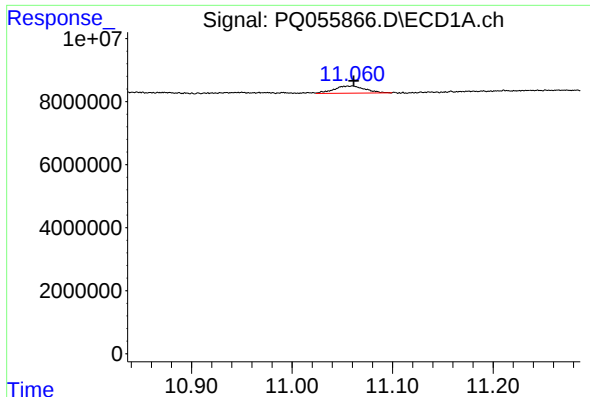
#44 AR-1268-4

R.T.: 10.611 min
Delta R.T.: -0.005 min
Response: 6027381
Conc: 8.09 ng/ml



#44 AR-1268-4

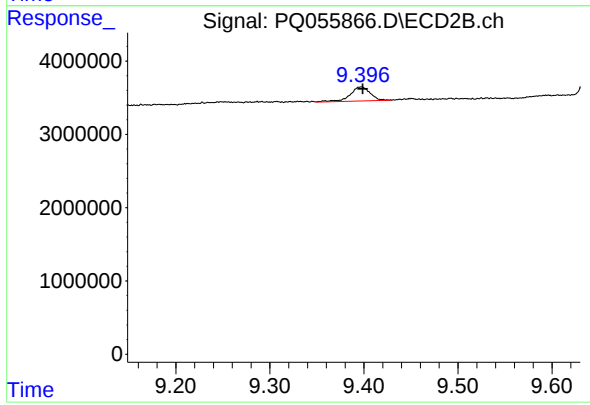
R.T.: 9.094 min
Delta R.T.: -0.001 min
Response: 1380258
Conc: 3.14 ng/ml



#45 AR-1268-5

R.T.: 11.060 min
Delta R.T.: -0.001 min
Response: 4953518
Conc: 0.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.397 min
Delta R.T.: -0.002 min
Response: 2865419
Conc: 0.87 ng/ml