

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060220\
 Data File : PQ047956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2020 09:14
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 12:02:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 27 17:33:08 2020
 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...	5.318	4.296	339.2E6	169.2E6	47.470	50.700
2)	SA Decachlor...	11.610	9.672	348.4E6	180.1E6	48.776	49.807
Target Compounds							
3)	L1 AR-1016-1	6.647	5.563	114.0E6	59506071	468.041	501.754
4)	L1 AR-1016-2	6.672	5.584	160.3E6	81757077	473.422	495.105
5)	L1 AR-1016-3	6.740	5.778	96409224	41780659	459.671	517.535
6)	L1 AR-1016-4	6.848	5.827	79586177	33708652	468.122	522.967
7)	L1 AR-1016-5	7.163	6.058	75520985	40979921	449.817	480.799
8)	L2 AR-1221-1	5.560	4.553	10324397	4924897	136.982	139.659
9)	L2 AR-1221-2	5.669	4.655	15727764	7554071	279.049	286.072
10)	L2 AR-1221-3	5.757	4.745	56762968	28099789	322.089	335.929
11)	L3 AR-1232-1	5.757	4.745	56762968	28099789	407.079	416.742
12)	L3 AR-1232-2	6.352	5.584	77700104	81757077	1093.694	1239.974
13)	L3 AR-1232-3	6.672	5.778	160.3E6	41780659	1145.570	1298.902
14)	L3 AR-1232-4	6.848	5.873	79586177	40641924	1159.168	1435.134
15)	L3 AR-1232-5	6.942	6.058	66524311	40979921	1291.184	1296.171
16)	L4 AR-1242-1	6.647	5.563	114.0E6	59506071	605.261	651.887
17)	L4 AR-1242-2	6.672	5.584	160.3E6	81757077	622.327	654.878
18)	L4 AR-1242-3	6.740	5.778	96409224	41780659	596.378	667.563
19)	L4 AR-1242-4	6.848	5.873	79586177	40641924	598.652	664.952
20)	L4 AR-1242-5	7.634	6.439	11249196	32785221	80.539	399.915 #
21)	L5 AR-1248-1	6.647	5.563	114.0E6	59506071	844.196	891.867
22)	L5 AR-1248-2	6.942	5.827	66524311	33708652	384.992	409.294
23)	L5 AR-1248-3	7.163	5.873	75520985	40641924	382.576	482.486 #
24)	L5 AR-1248-4	7.592	6.058	13262044	40979921	59.309	391.497 #
25)	L5 AR-1248-5	7.634	6.482	11249196	6120937	52.780	59.290
26)	L6 AR-1254-1	7.562	6.439	51516171	32785221	227.281	193.049
27)	L6 AR-1254-2	7.790	6.597	54008760	30673633	152.239	208.605 #
28)	L6 AR-1254-3	8.177	7.038	32351282	72875422	84.878	298.821 #
29)	L6 AR-1254-4	8.473	7.257	23486565	8872429	81.066	57.072 #
30)	L6 AR-1254-5	8.904	7.688	191.2E6	112.8E6	608.996	545.743
31)	L7 AR-1260-1	8.343	7.157	129.3E6	82784292	438.480	506.197
32)	L7 AR-1260-2	8.608	7.351	160.0E6	102.8E6	466.220	524.396
33)	L7 AR-1260-3	8.979	7.510	125.0E6	92225271	472.150	522.107
34)	L7 AR-1260-4	9.229	7.994	144.4E6	80180738	472.517	506.245
35)	L7 AR-1260-5	9.583	8.239	309.1E6	206.1E6	475.900	529.618
36)	L8 AR-1262-1	8.979	7.688	125.0E6	112.8E6	366.864	1113.507 #
37)	L8 AR-1262-2	9.583	8.239	309.1E6	206.1E6	463.362	522.517
38)	L8 AR-1262-3	9.926	8.528	60941333	44683760	132.728	309.987 #
39)	L8 AR-1262-4	10.009	8.591	120.2E6	148.3E6	346.280	516.945 #
40)	L8 AR-1262-5	10.768	9.098	99415913	54961568	389.017	408.874
41)	L9 AR-1268-1	9.926	8.528	60941333	44683760	64.521	84.153 #

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 Acq On : 02 Jun 2020 09:14
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

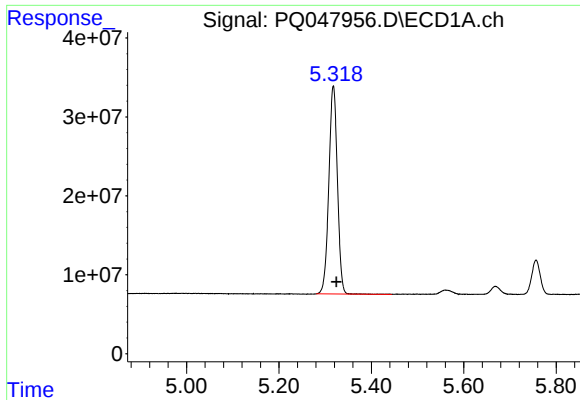
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 12:02:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052720.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	10.009	8.591	120.2E6	148.3E6	134.802	293.595 #
43) L9	AR-1268-3	10.284	8.805	4827865	2803751	6.429	6.744
44) L9	AR-1268-4	10.768	9.098	99415913	54961568	286.954	298.515
45) L9	AR-1268-5	11.231	9.404	29567000	15142119	11.212	10.608

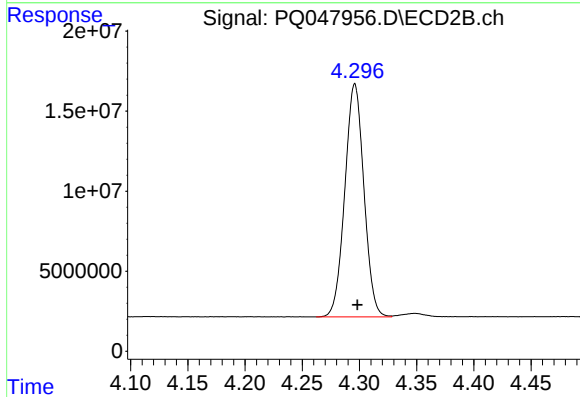
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

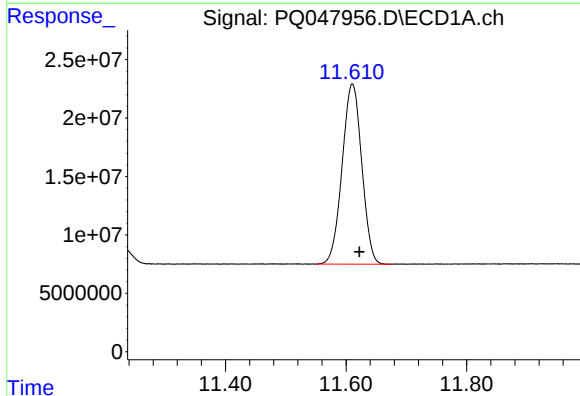
R.T.: 5.318 min
Delta R.T.: -0.006 min
Response: 339187694
Conc: 47.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



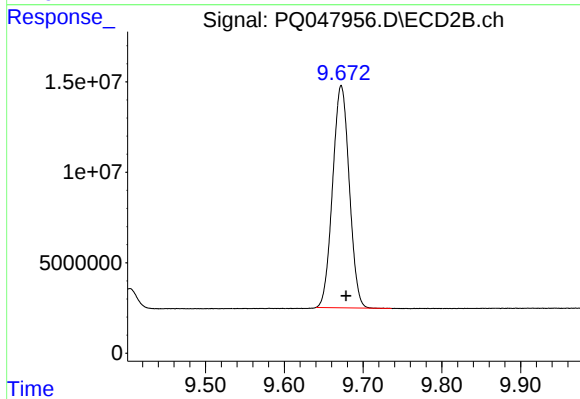
#1 Tetrachloro-m-xylene

R.T.: 4.296 min
Delta R.T.: -0.002 min
Response: 169186662
Conc: 50.70 ng/ml



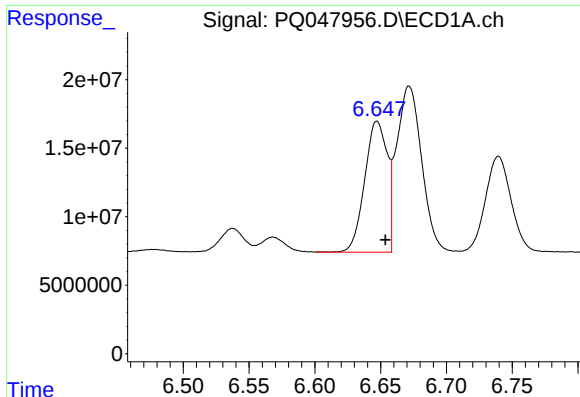
#2 Decachlorobiphenyl

R.T.: 11.610 min
Delta R.T.: -0.012 min
Response: 348360913
Conc: 48.78 ng/ml



#2 Decachlorobiphenyl

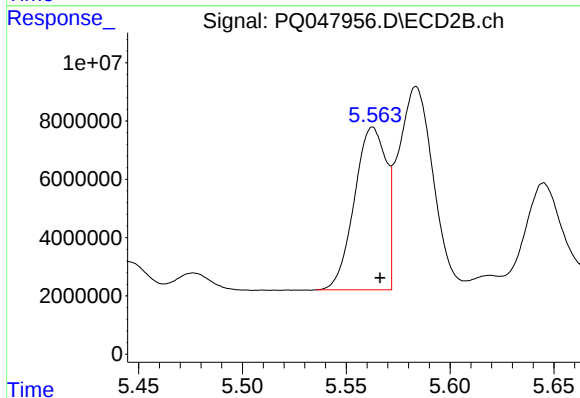
R.T.: 9.672 min
Delta R.T.: -0.006 min
Response: 180123796
Conc: 49.81 ng/ml



#3 AR-1016-1

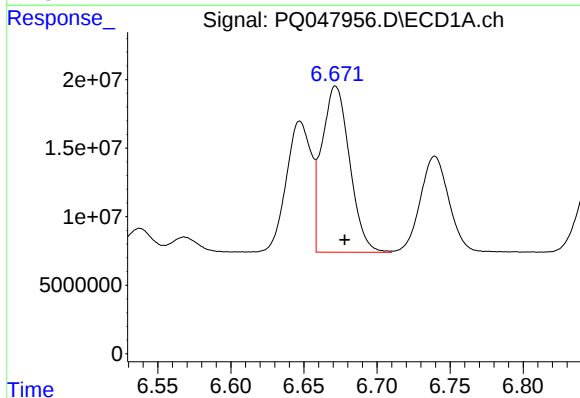
R.T.: 6.647 min
Delta R.T.: -0.006 min
Response: 114049029
Conc: 468.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



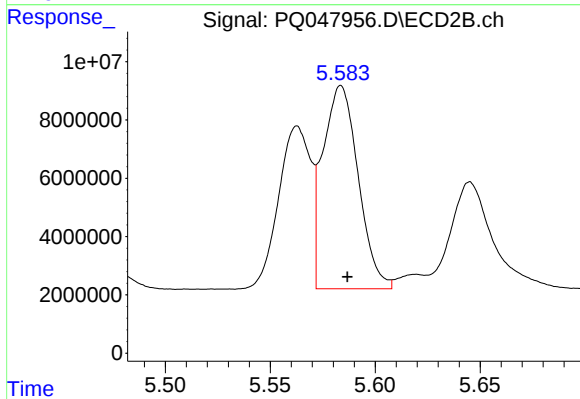
#3 AR-1016-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 59506071
Conc: 501.75 ng/ml



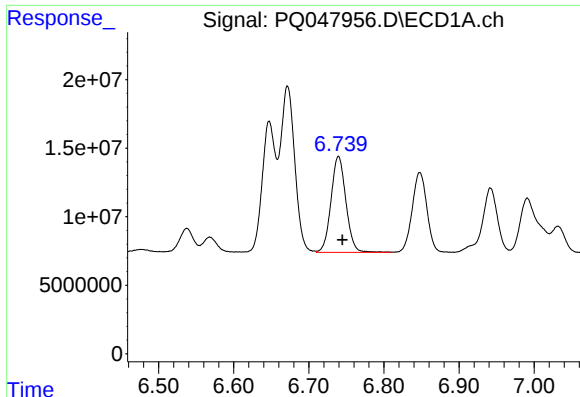
#4 AR-1016-2

R.T.: 6.672 min
Delta R.T.: -0.006 min
Response: 160275601
Conc: 473.42 ng/ml



#4 AR-1016-2

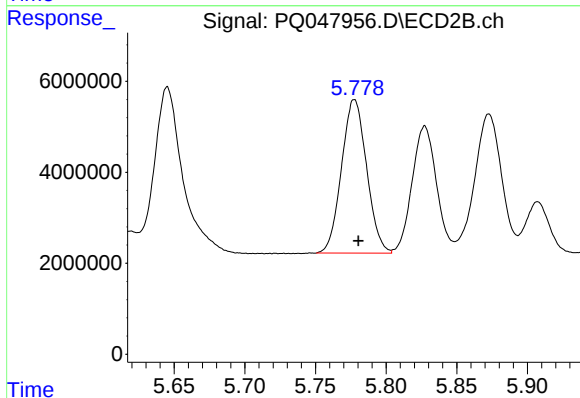
R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 81757077
Conc: 495.10 ng/ml



#5 AR-1016-3

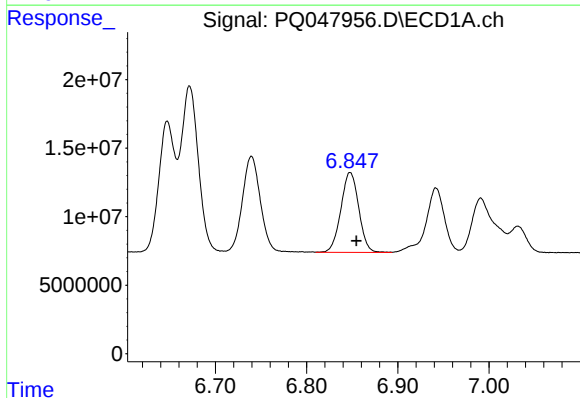
R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 96409224
Conc: 459.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



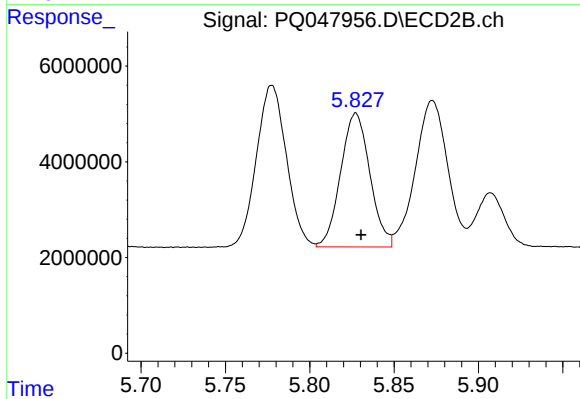
#5 AR-1016-3

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 41780659
Conc: 517.53 ng/ml



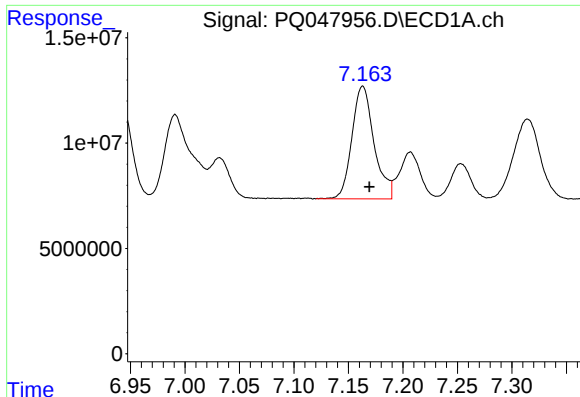
#6 AR-1016-4

R.T.: 6.848 min
Delta R.T.: -0.007 min
Response: 79586177
Conc: 468.12 ng/ml



#6 AR-1016-4

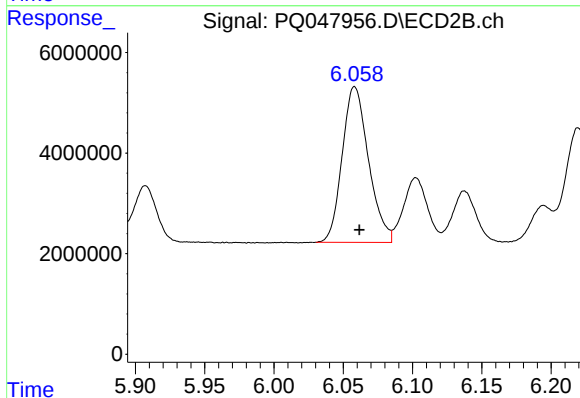
R.T.: 5.827 min
Delta R.T.: -0.003 min
Response: 33708652
Conc: 522.97 ng/ml



#7 AR-1016-5

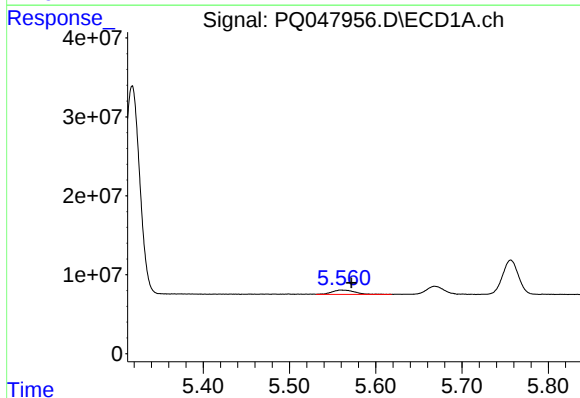
R.T.: 7.163 min
Delta R.T.: -0.006 min
Response: 75520985
Conc: 449.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



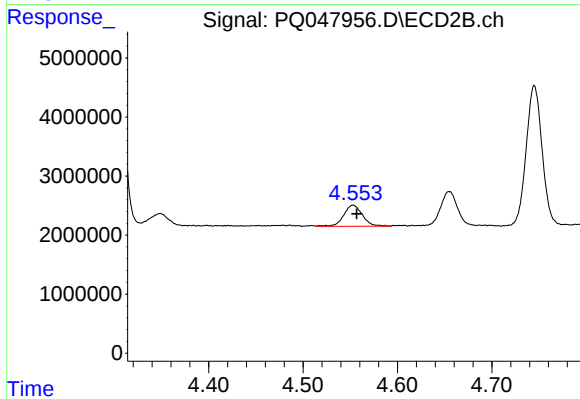
#7 AR-1016-5

R.T.: 6.058 min
Delta R.T.: -0.003 min
Response: 40979921
Conc: 480.80 ng/ml



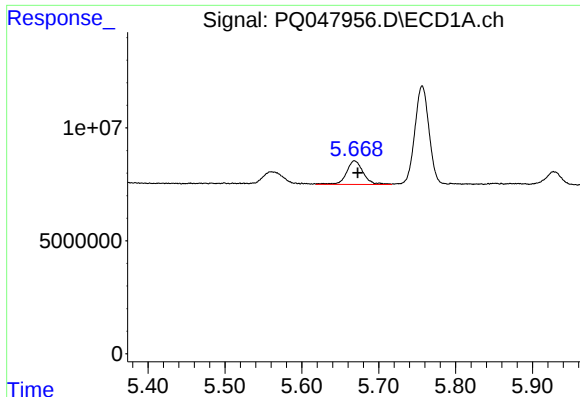
#8 AR-1221-1

R.T.: 5.560 min
Delta R.T.: -0.012 min
Response: 10324397
Conc: 136.98 ng/ml



#8 AR-1221-1

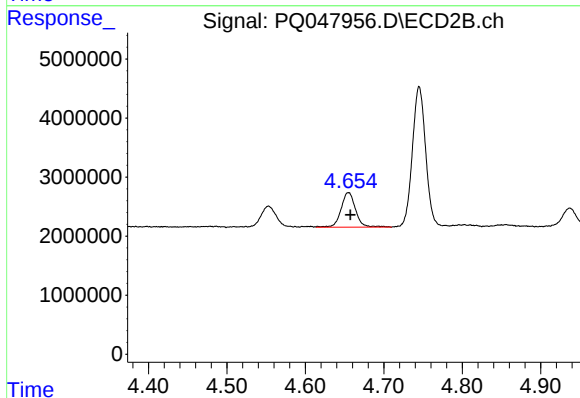
R.T.: 4.553 min
Delta R.T.: -0.004 min
Response: 4924897
Conc: 139.66 ng/ml



#9 AR-1221-2

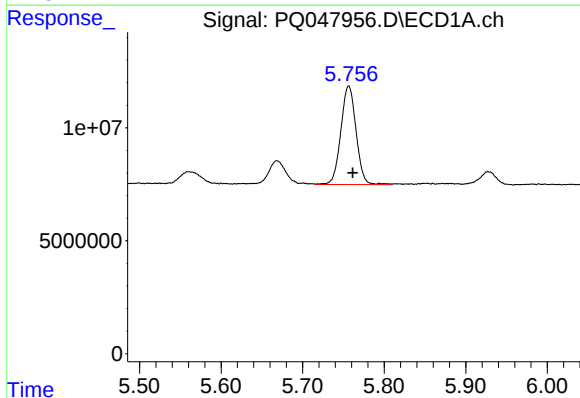
R.T.: 5.669 min
Delta R.T.: -0.004 min
Response: 15727764
Conc: 279.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



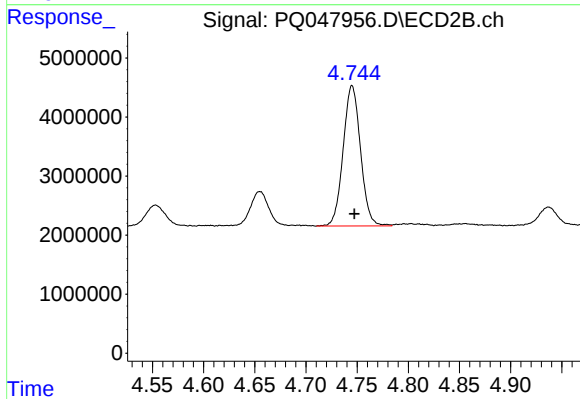
#9 AR-1221-2

R.T.: 4.655 min
Delta R.T.: -0.002 min
Response: 7554071
Conc: 286.07 ng/ml



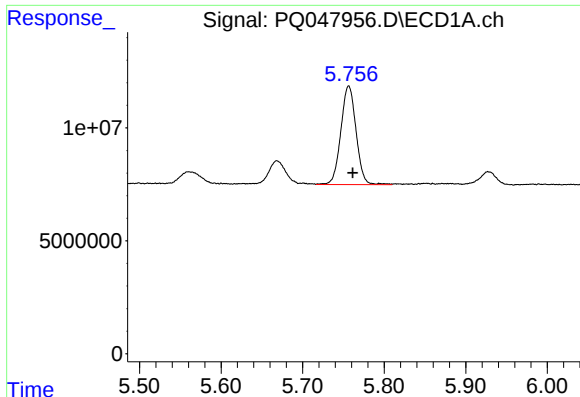
#10 AR-1221-3

R.T.: 5.757 min
Delta R.T.: -0.005 min
Response: 56762968
Conc: 322.09 ng/ml



#10 AR-1221-3

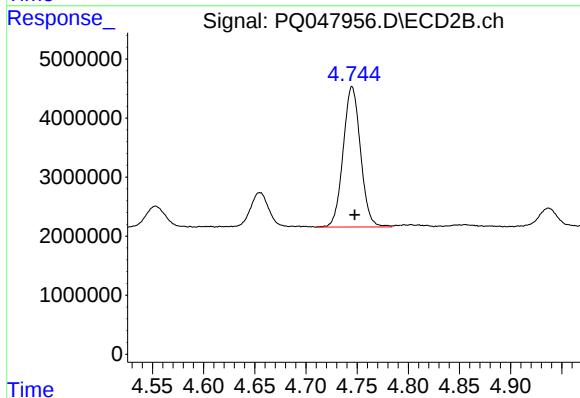
R.T.: 4.745 min
Delta R.T.: -0.002 min
Response: 28099789
Conc: 335.93 ng/ml



#11 AR-1232-1

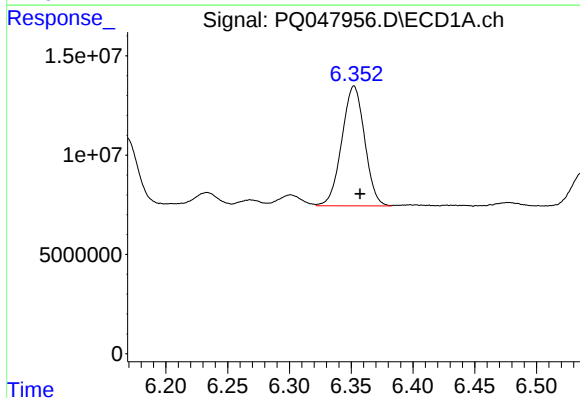
R.T.: 5.757 min
Delta R.T.: -0.005 min
Response: 56762968
Conc: 407.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



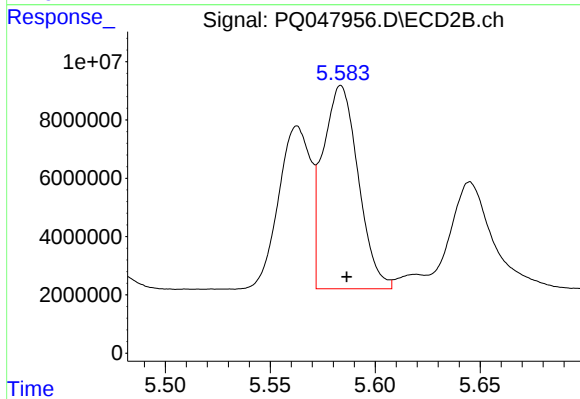
#11 AR-1232-1

R.T.: 4.745 min
Delta R.T.: -0.003 min
Response: 28099789
Conc: 416.74 ng/ml



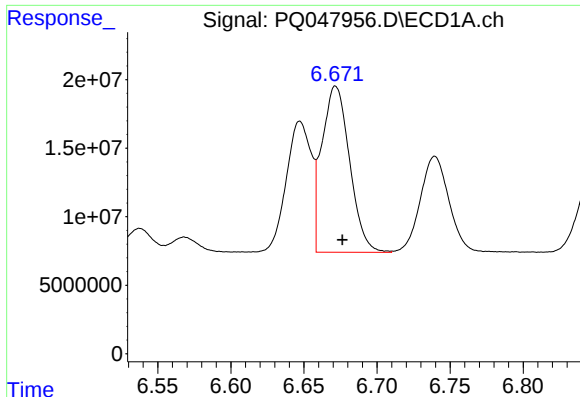
#12 AR-1232-2

R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 77700104
Conc: 1093.69 ng/ml



#12 AR-1232-2

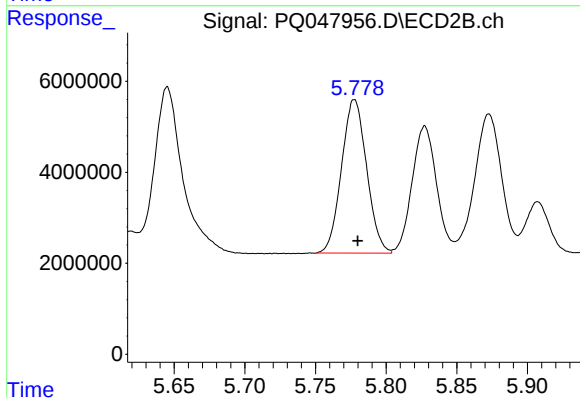
R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 81757077
Conc: 1239.97 ng/ml



#13 AR-1232-3

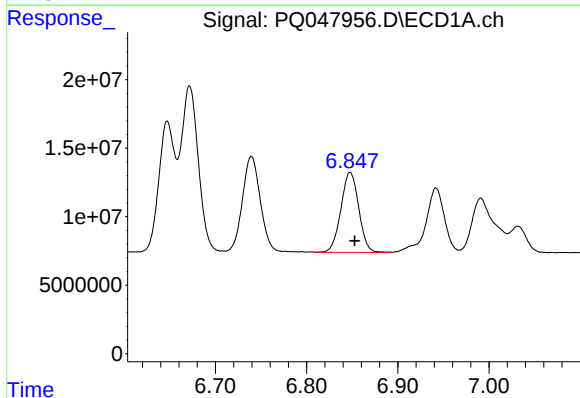
R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 160275601
Conc: 1145.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



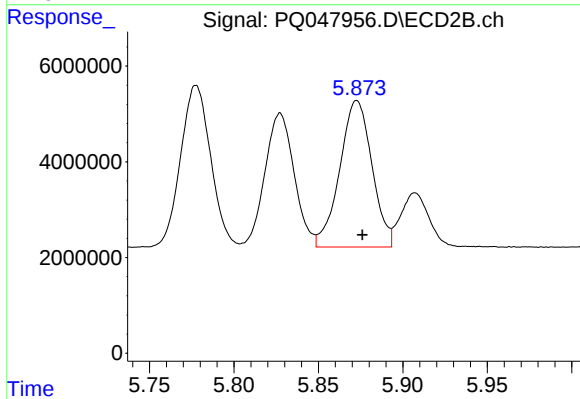
#13 AR-1232-3

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 41780659
Conc: 1298.90 ng/ml



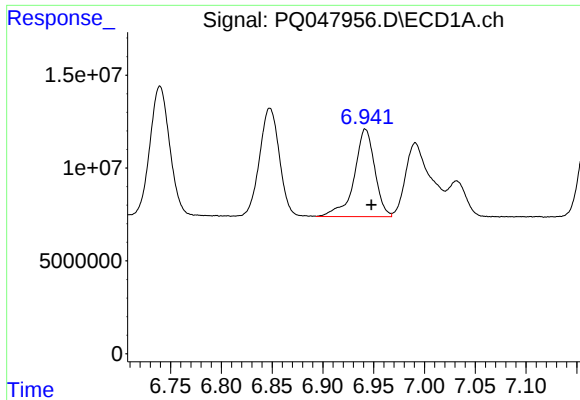
#14 AR-1232-4

R.T.: 6.848 min
Delta R.T.: -0.005 min
Response: 79586177
Conc: 1159.17 ng/ml



#14 AR-1232-4

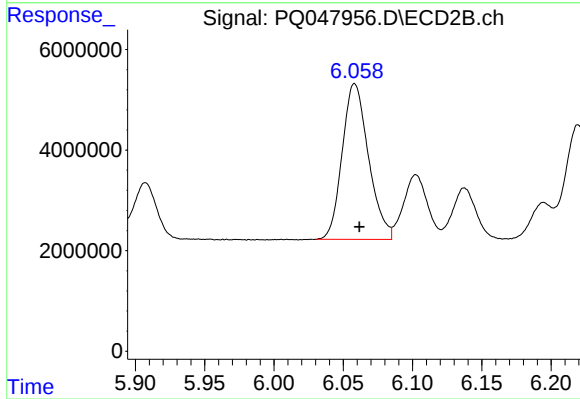
R.T.: 5.873 min
Delta R.T.: -0.003 min
Response: 40641924
Conc: 1435.13 ng/ml



#15 AR-1232-5

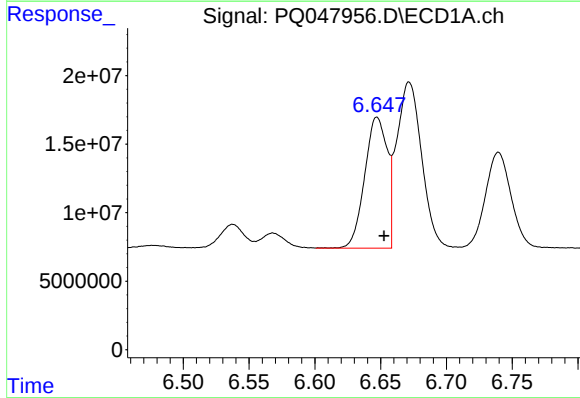
R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 66524311
Conc: 1291.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



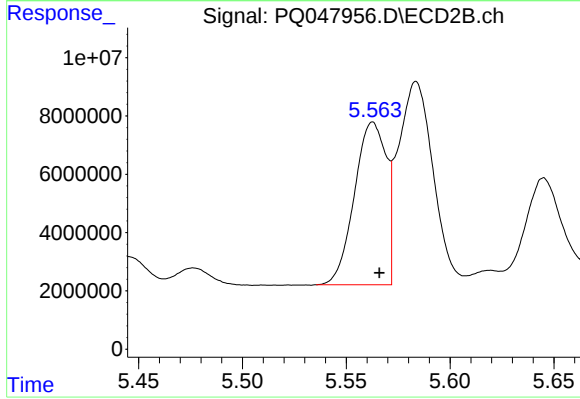
#15 AR-1232-5

R.T.: 6.058 min
Delta R.T.: -0.003 min
Response: 40979921
Conc: 1296.17 ng/ml



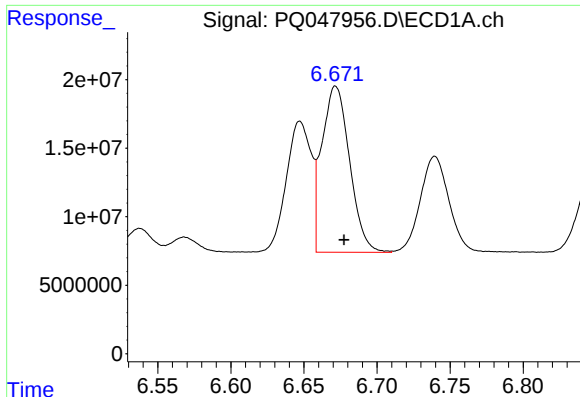
#16 AR-1242-1

R.T.: 6.647 min
Delta R.T.: -0.005 min
Response: 114049029
Conc: 605.26 ng/ml



#16 AR-1242-1

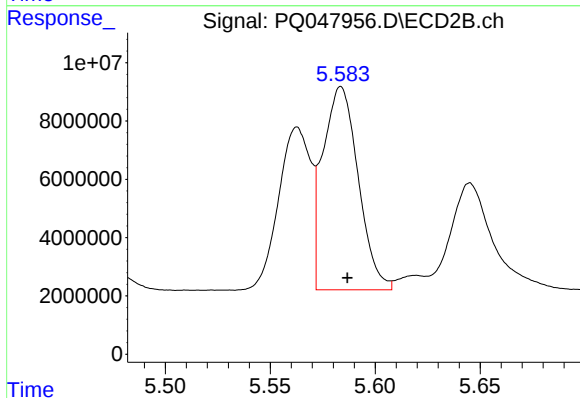
R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 59506071
Conc: 651.89 ng/ml



#17 AR-1242-2

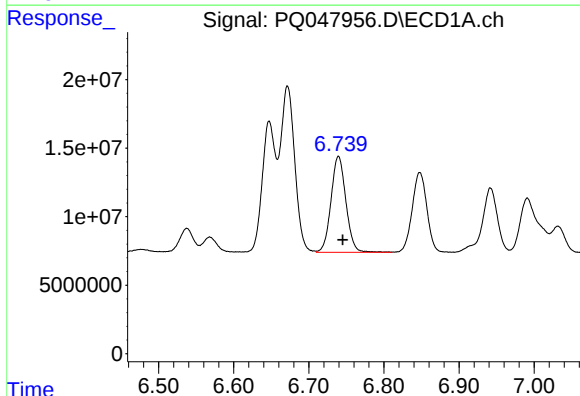
R.T.: 6.672 min
Delta R.T.: -0.006 min
Response: 160275601
Conc: 622.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



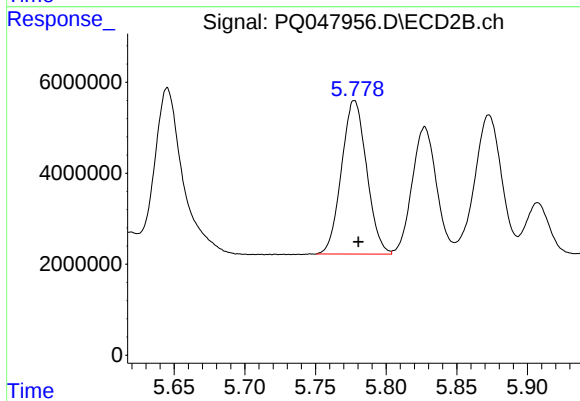
#17 AR-1242-2

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 81757077
Conc: 654.88 ng/ml



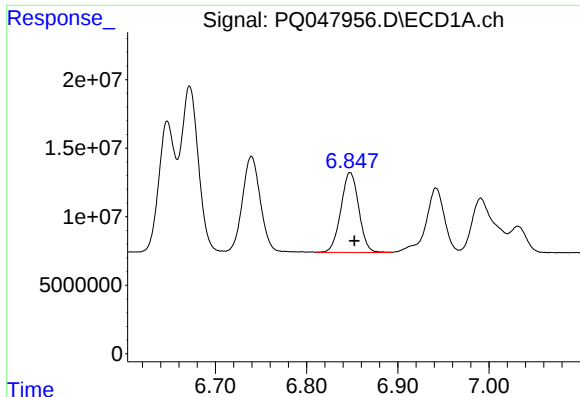
#18 AR-1242-3

R.T.: 6.740 min
Delta R.T.: -0.006 min
Response: 96409224
Conc: 596.38 ng/ml



#18 AR-1242-3

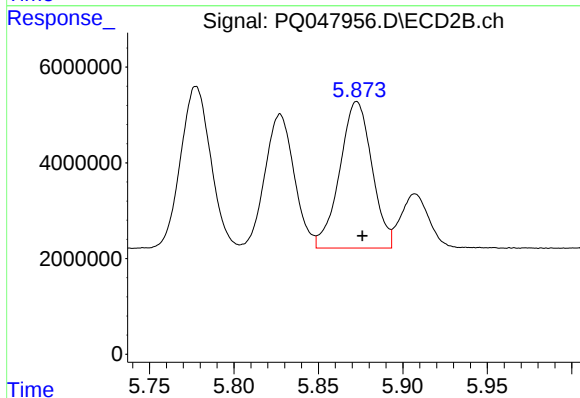
R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 41780659
Conc: 667.56 ng/ml



#19 AR-1242-4

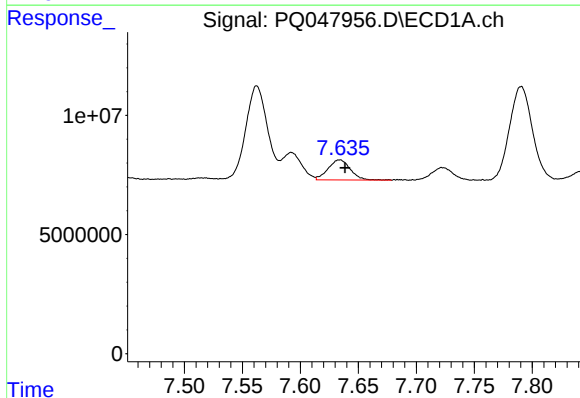
R.T.: 6.848 min
Delta R.T.: -0.005 min
Response: 79586177
Conc: 598.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



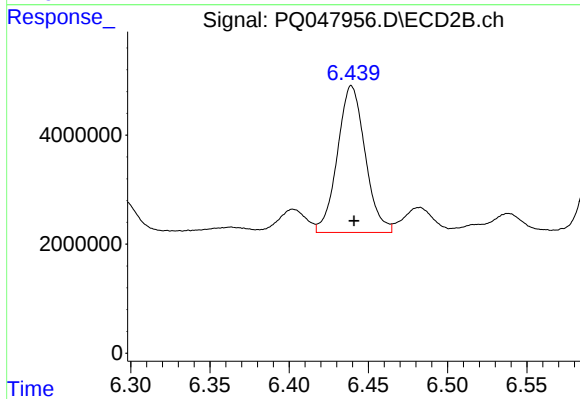
#19 AR-1242-4

R.T.: 5.873 min
Delta R.T.: -0.003 min
Response: 40641924
Conc: 664.95 ng/ml



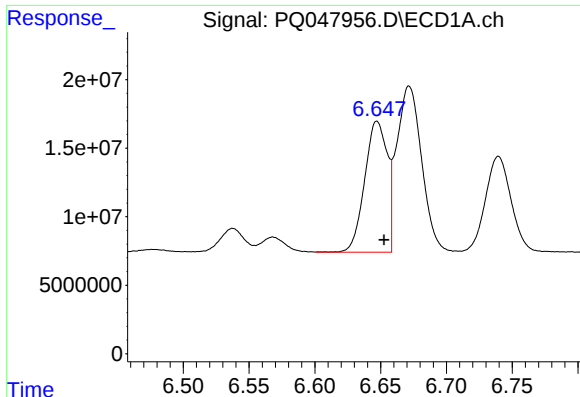
#20 AR-1242-5

R.T.: 7.634 min
Delta R.T.: -0.005 min
Response: 11249196
Conc: 80.54 ng/ml



#20 AR-1242-5

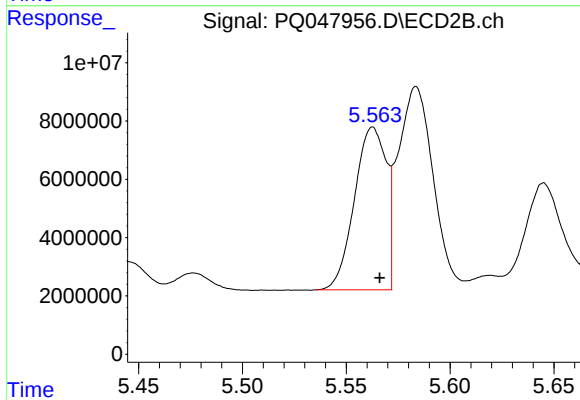
R.T.: 6.439 min
Delta R.T.: -0.002 min
Response: 32785221
Conc: 399.92 ng/ml



#21 AR-1248-1

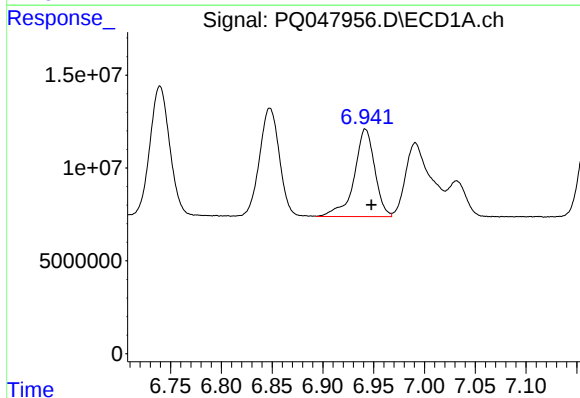
R.T.: 6.647 min
Delta R.T.: -0.005 min
Response: 114049029
Conc: 844.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



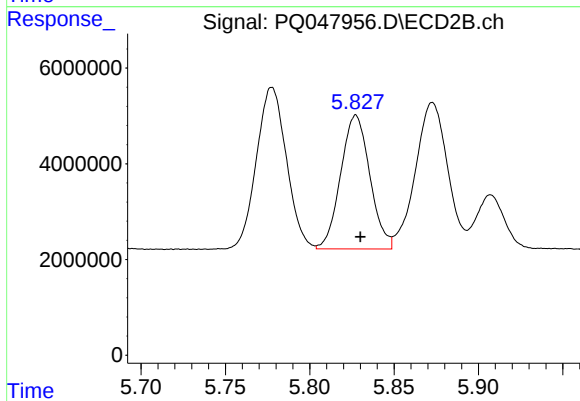
#21 AR-1248-1

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 59506071
Conc: 891.87 ng/ml



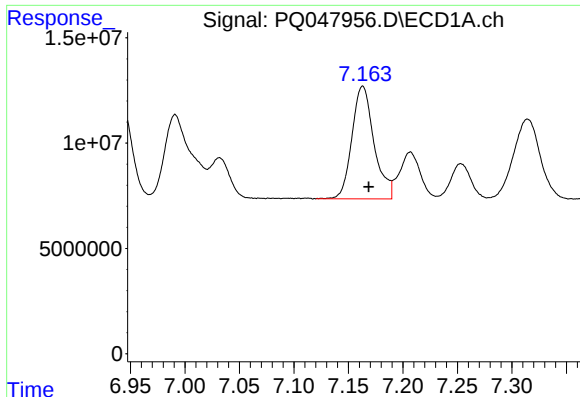
#22 AR-1248-2

R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 66524311
Conc: 384.99 ng/ml



#22 AR-1248-2

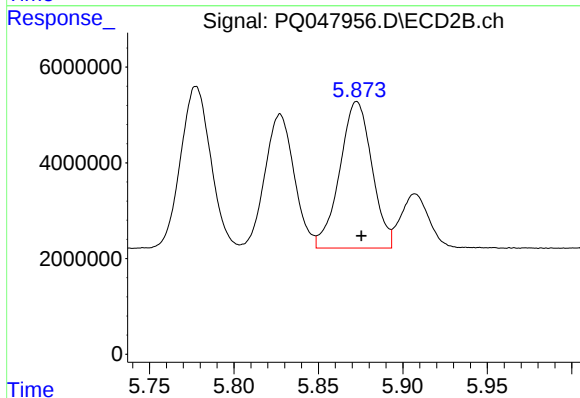
R.T.: 5.827 min
Delta R.T.: -0.003 min
Response: 33708652
Conc: 409.29 ng/ml



#23 AR-1248-3

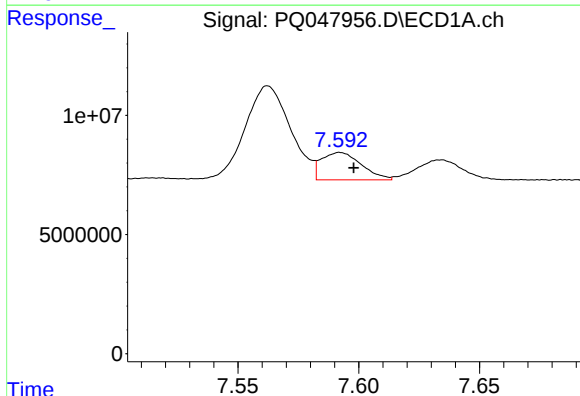
R.T.: 7.163 min
Delta R.T.: -0.005 min
Response: 75520985
Conc: 382.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



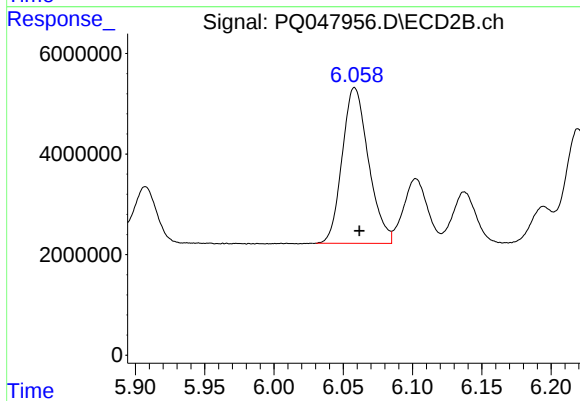
#23 AR-1248-3

R.T.: 5.873 min
Delta R.T.: -0.003 min
Response: 40641924
Conc: 482.49 ng/ml



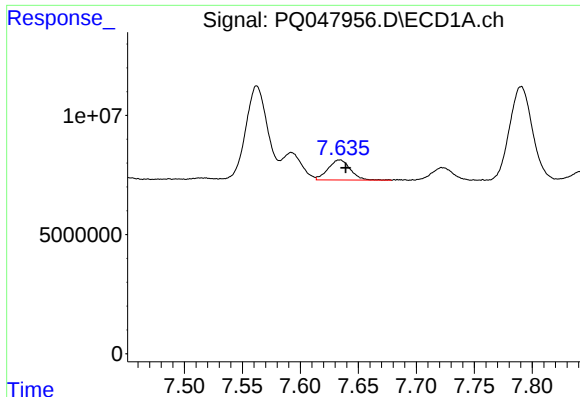
#24 AR-1248-4

R.T.: 7.592 min
Delta R.T.: -0.006 min
Response: 13262044
Conc: 59.31 ng/ml



#24 AR-1248-4

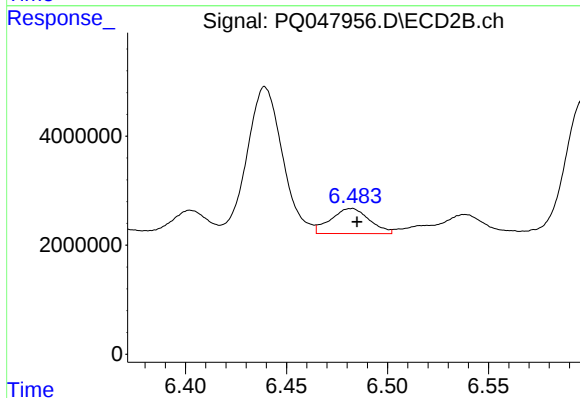
R.T.: 6.058 min
Delta R.T.: -0.003 min
Response: 40979921
Conc: 391.50 ng/ml



#25 AR-1248-5

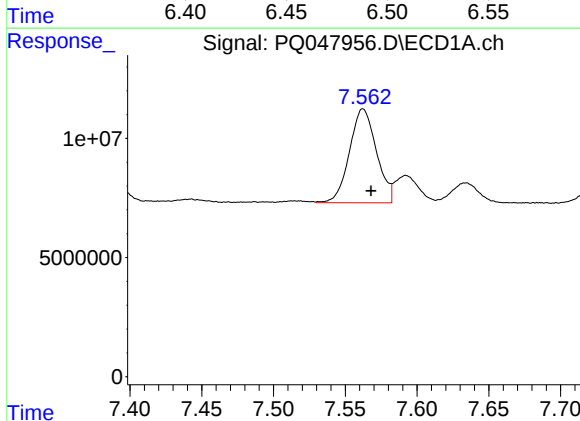
R.T.: 7.634 min
Delta R.T.: -0.005 min
Response: 11249196
Conc: 52.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



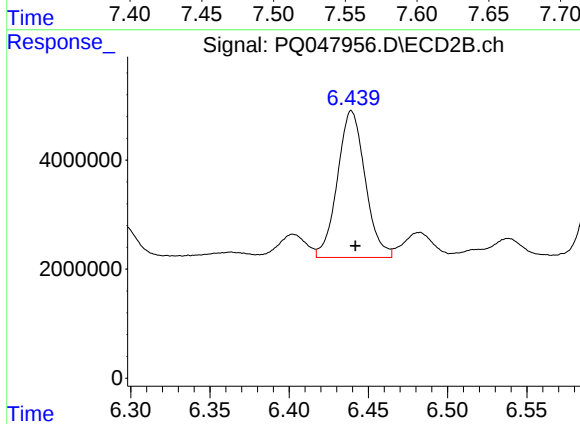
#25 AR-1248-5

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 6120937
Conc: 59.29 ng/ml



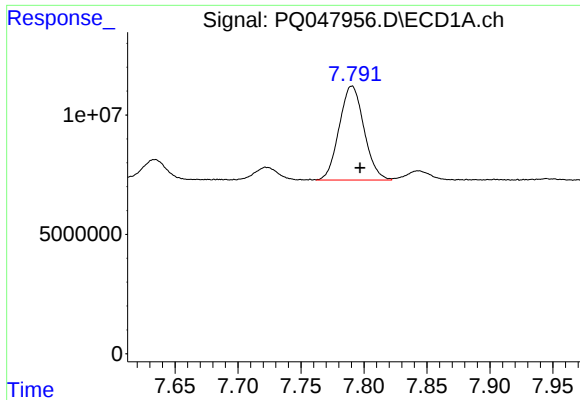
#26 AR-1254-1

R.T.: 7.562 min
Delta R.T.: -0.006 min
Response: 51516171
Conc: 227.28 ng/ml



#26 AR-1254-1

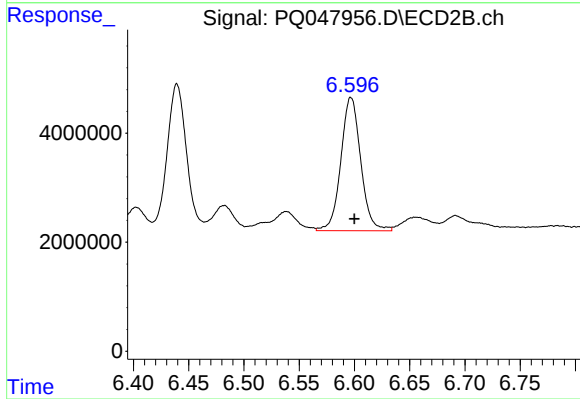
R.T.: 6.439 min
Delta R.T.: -0.002 min
Response: 32785221
Conc: 193.05 ng/ml



#27 AR-1254-2

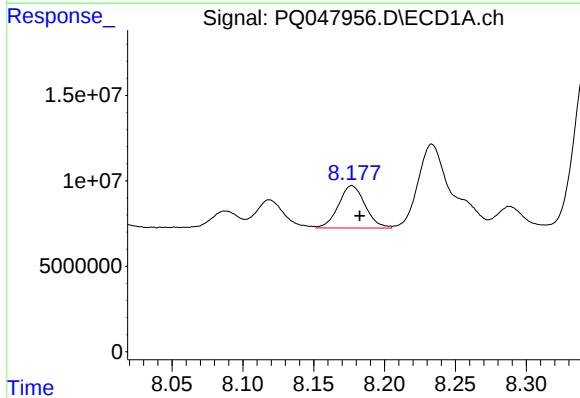
R.T.: 7.790 min
Delta R.T.: -0.006 min
Response: 54008760
Conc: 152.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



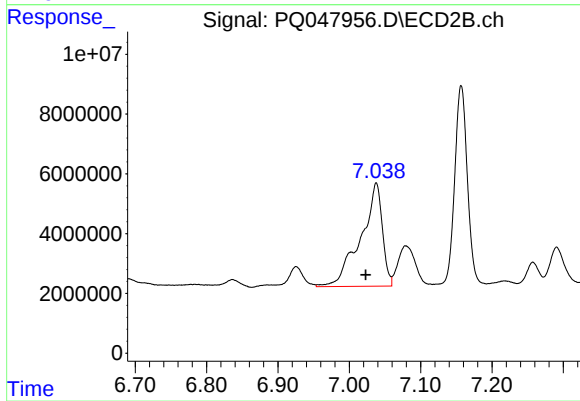
#27 AR-1254-2

R.T.: 6.597 min
Delta R.T.: -0.003 min
Response: 30673633
Conc: 208.61 ng/ml



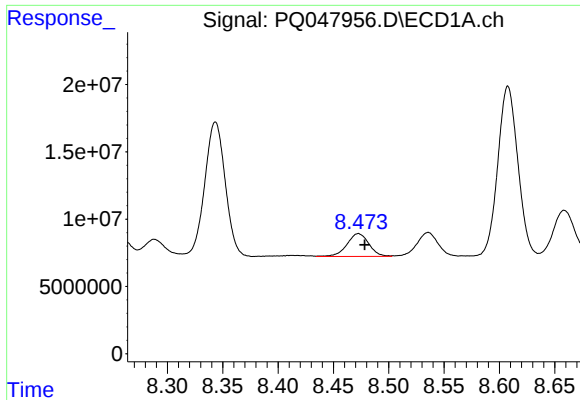
#28 AR-1254-3

R.T.: 8.177 min
Delta R.T.: -0.006 min
Response: 32351282
Conc: 84.88 ng/ml



#28 AR-1254-3

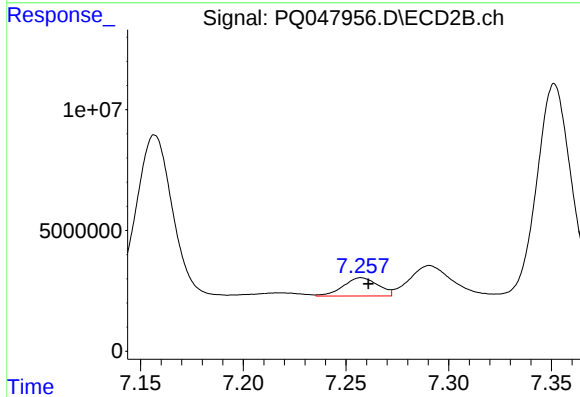
R.T.: 7.038 min
Delta R.T.: 0.015 min
Response: 72875422
Conc: 298.82 ng/ml



#29 AR-1254-4

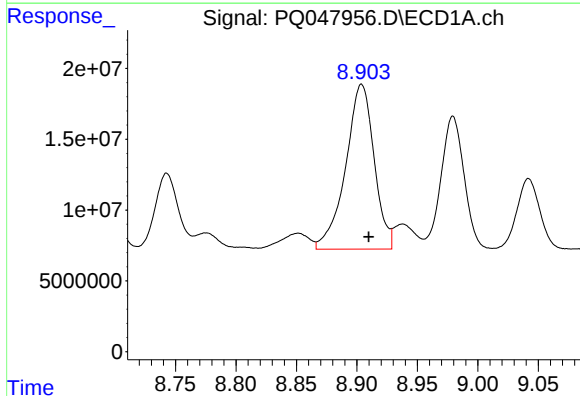
R.T.: 8.473 min
Delta R.T.: -0.006 min
Response: 23486565
Conc: 81.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



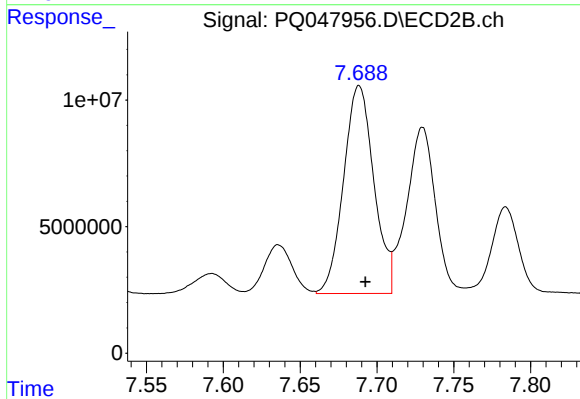
#29 AR-1254-4

R.T.: 7.257 min
Delta R.T.: -0.004 min
Response: 8872429
Conc: 57.07 ng/ml



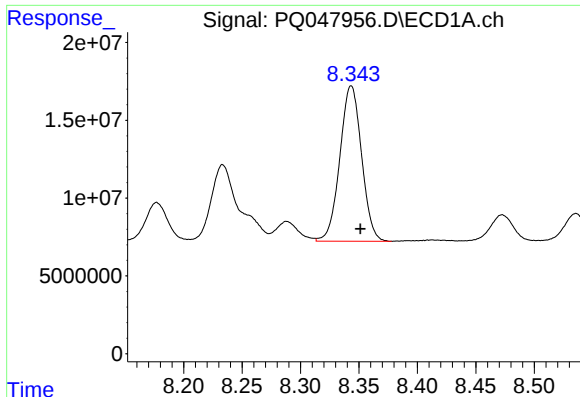
#30 AR-1254-5

R.T.: 8.904 min
Delta R.T.: -0.006 min
Response: 191203898
Conc: 609.00 ng/ml



#30 AR-1254-5

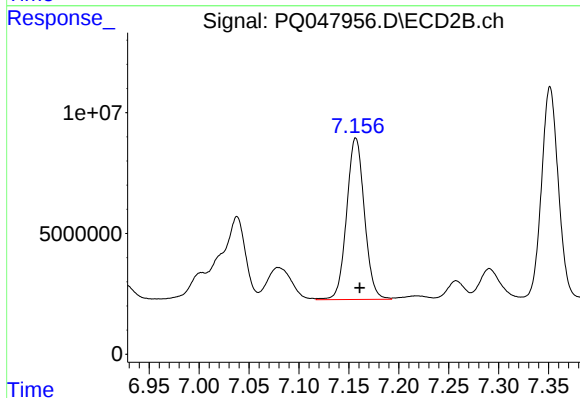
R.T.: 7.688 min
Delta R.T.: -0.004 min
Response: 112772996
Conc: 545.74 ng/ml



#31 AR-1260-1

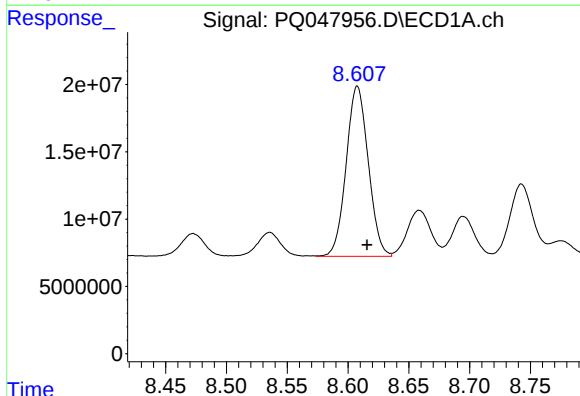
R.T.: 8.343 min
Delta R.T.: -0.008 min
Response: 129315209
Conc: 438.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



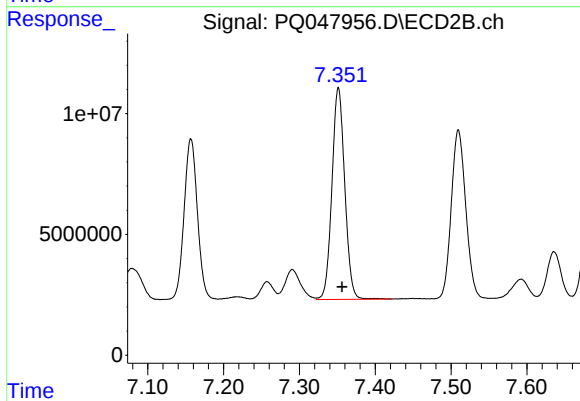
#31 AR-1260-1

R.T.: 7.157 min
Delta R.T.: -0.004 min
Response: 82784292
Conc: 506.20 ng/ml



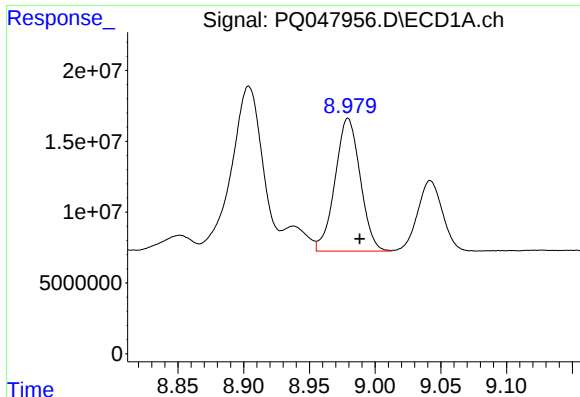
#32 AR-1260-2

R.T.: 8.608 min
Delta R.T.: -0.008 min
Response: 160039026
Conc: 466.22 ng/ml



#32 AR-1260-2

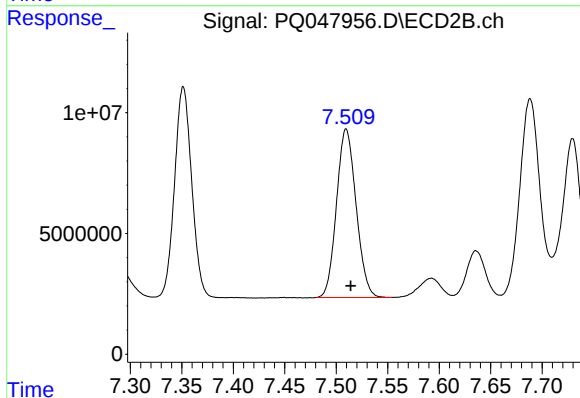
R.T.: 7.351 min
Delta R.T.: -0.005 min
Response: 102786289
Conc: 524.40 ng/ml



#33 AR-1260-3

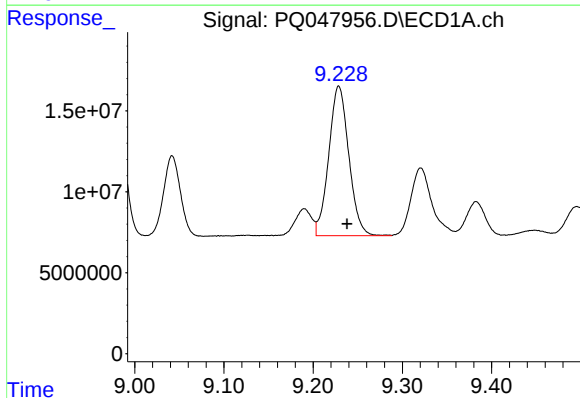
R.T.: 8.979 min
Delta R.T.: -0.009 min
Response: 125028968
Conc: 472.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



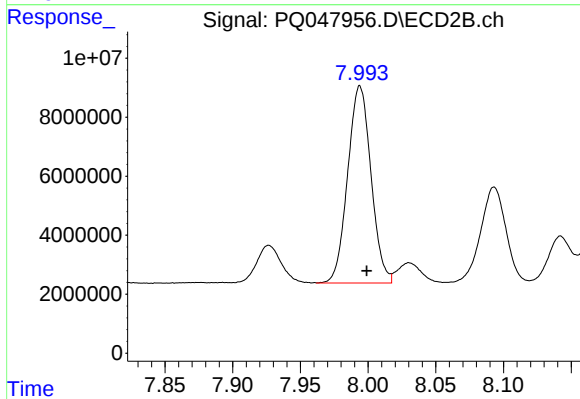
#33 AR-1260-3

R.T.: 7.510 min
Delta R.T.: -0.004 min
Response: 92225271
Conc: 522.11 ng/ml



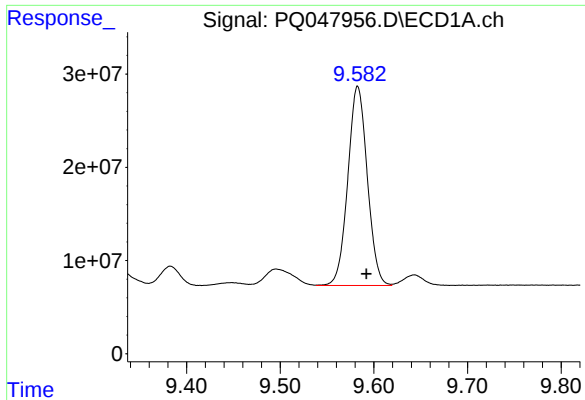
#34 AR-1260-4

R.T.: 9.229 min
Delta R.T.: -0.009 min
Response: 144357144
Conc: 472.52 ng/ml



#34 AR-1260-4

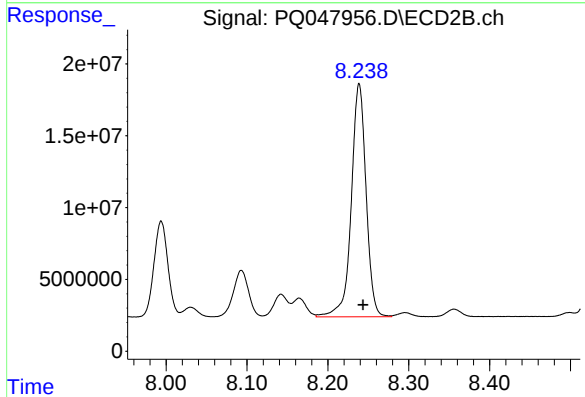
R.T.: 7.994 min
Delta R.T.: -0.005 min
Response: 80180738
Conc: 506.24 ng/ml



#35 AR-1260-5

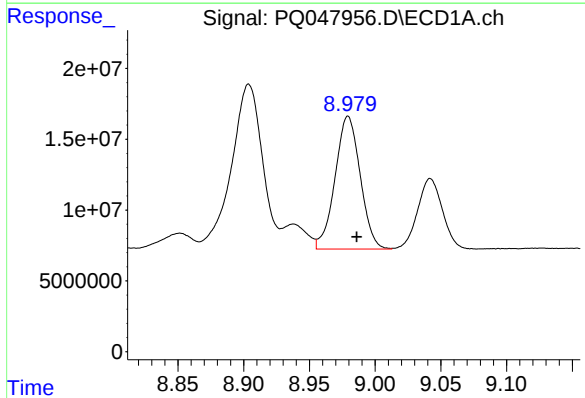
R.T.: 9.583 min
Delta R.T.: -0.009 min
Response: 309101150
Conc: 475.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



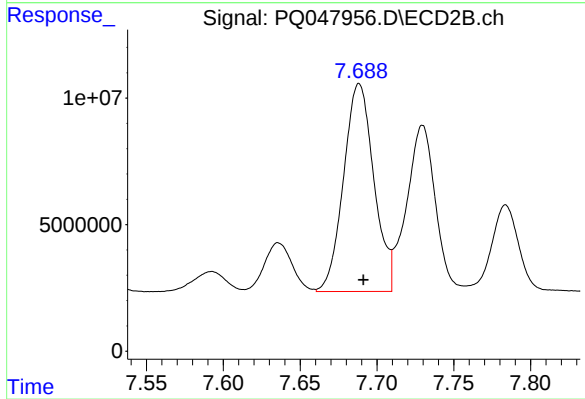
#35 AR-1260-5

R.T.: 8.239 min
Delta R.T.: -0.005 min
Response: 206136591
Conc: 529.62 ng/ml



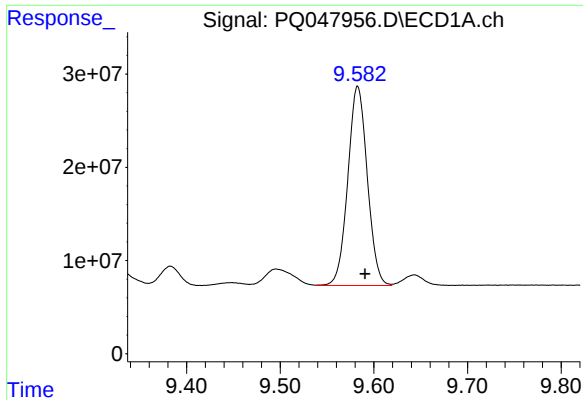
#36 AR-1262-1

R.T.: 8.979 min
Delta R.T.: -0.007 min
Response: 125028968
Conc: 366.86 ng/ml



#36 AR-1262-1

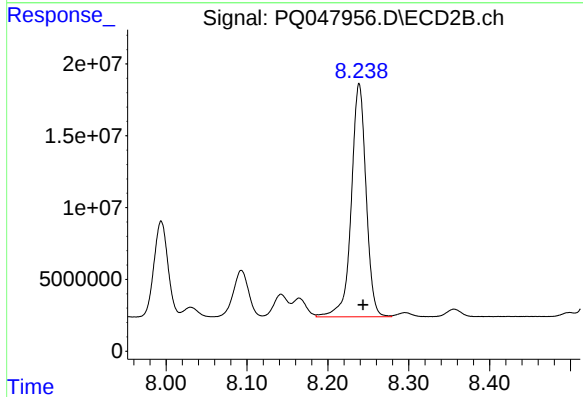
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 112772996
Conc: 1113.51 ng/ml



#37 AR-1262-2

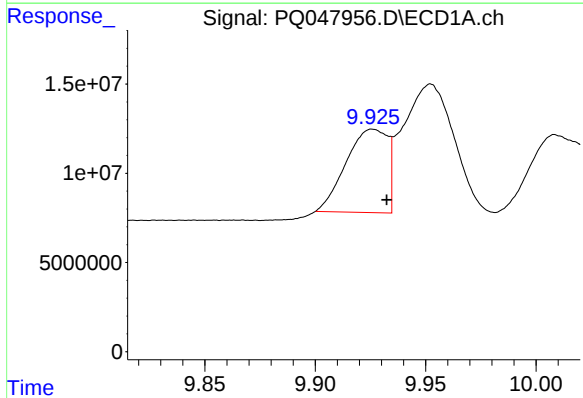
R.T.: 9.583 min
Delta R.T.: -0.008 min
Response: 309101150
Conc: 463.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



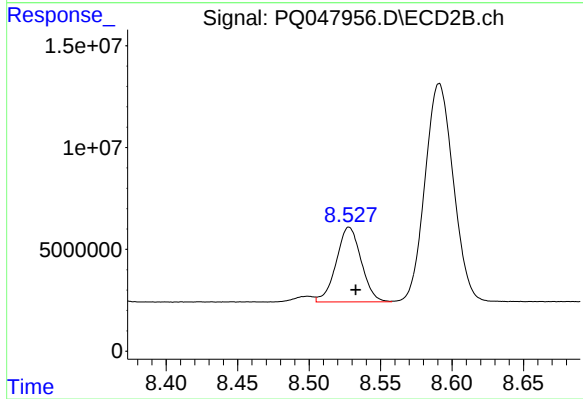
#37 AR-1262-2

R.T.: 8.239 min
Delta R.T.: -0.005 min
Response: 206136591
Conc: 522.52 ng/ml



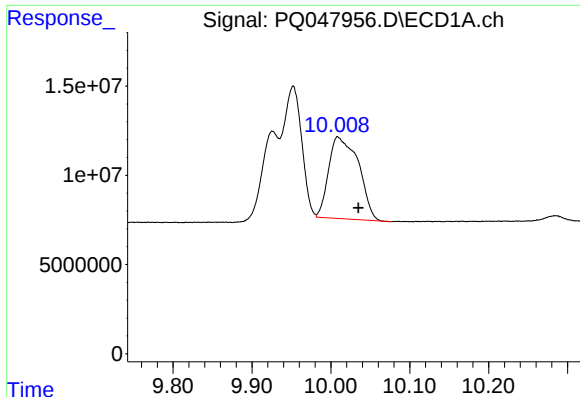
#38 AR-1262-3

R.T.: 9.926 min
Delta R.T.: -0.006 min
Response: 60941333
Conc: 132.73 ng/ml



#38 AR-1262-3

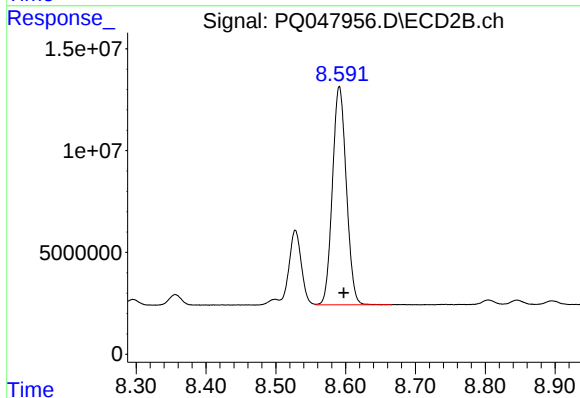
R.T.: 8.528 min
Delta R.T.: -0.005 min
Response: 44683760
Conc: 309.99 ng/ml



#39 AR-1262-4

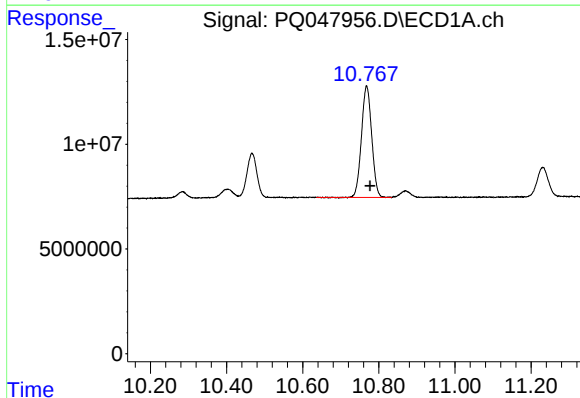
R.T.: 10.009 min
Delta R.T.: -0.026 min
Response: 120248037
Conc: 346.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



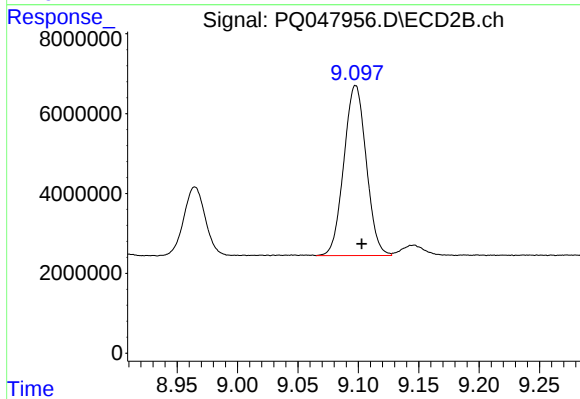
#39 AR-1262-4

R.T.: 8.591 min
Delta R.T.: -0.006 min
Response: 148307523
Conc: 516.95 ng/ml



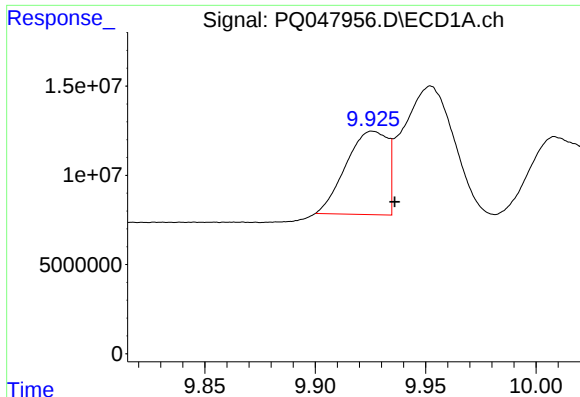
#40 AR-1262-5

R.T.: 10.768 min
Delta R.T.: -0.009 min
Response: 99415913
Conc: 389.02 ng/ml



#40 AR-1262-5

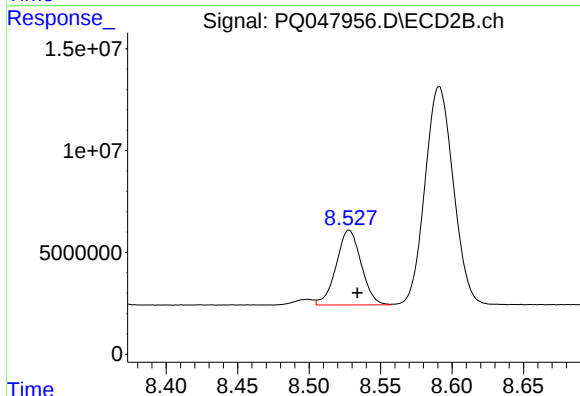
R.T.: 9.098 min
Delta R.T.: -0.005 min
Response: 54961568
Conc: 408.87 ng/ml



#41 AR-1268-1

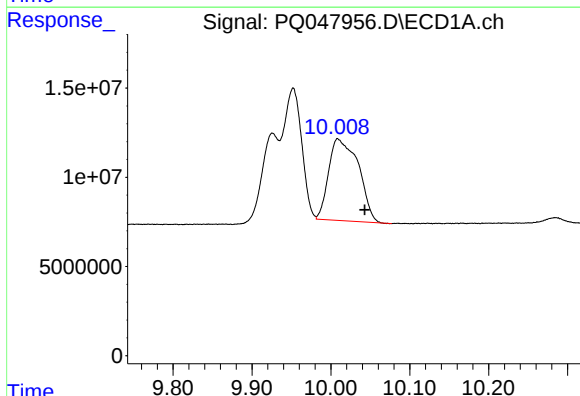
R.T.: 9.926 min
Delta R.T.: -0.010 min
Response: 60941333
Conc: 64.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



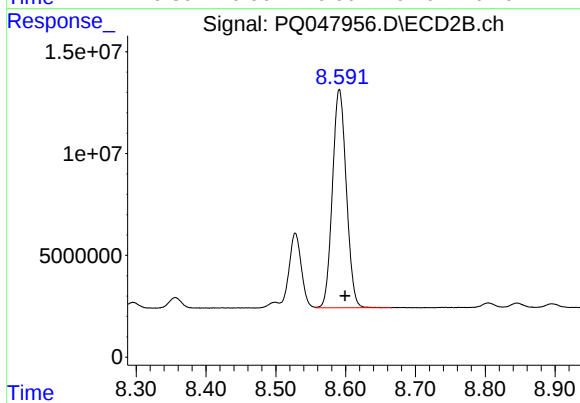
#41 AR-1268-1

R.T.: 8.528 min
Delta R.T.: -0.006 min
Response: 44683760
Conc: 84.15 ng/ml



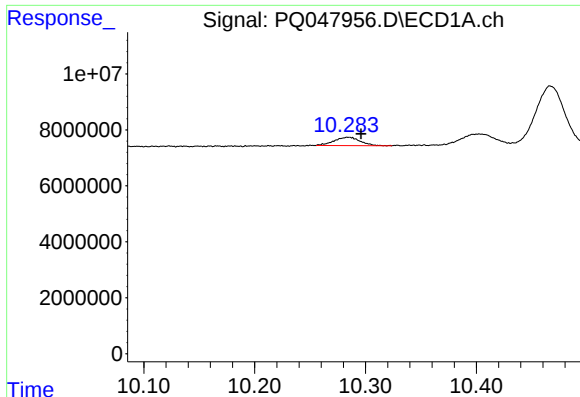
#42 AR-1268-2

R.T.: 10.009 min
Delta R.T.: -0.034 min
Response: 120248037
Conc: 134.80 ng/ml



#42 AR-1268-2

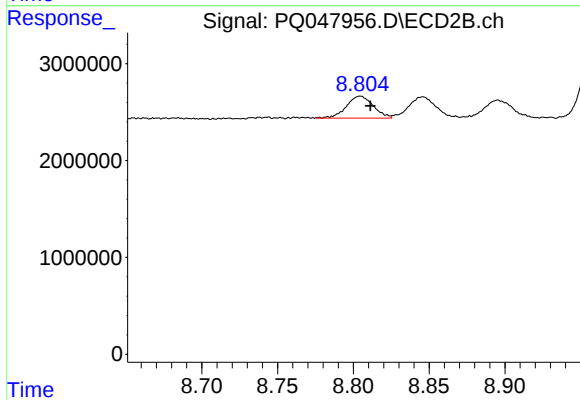
R.T.: 8.591 min
Delta R.T.: -0.008 min
Response: 148307523
Conc: 293.60 ng/ml



#43 AR-1268-3

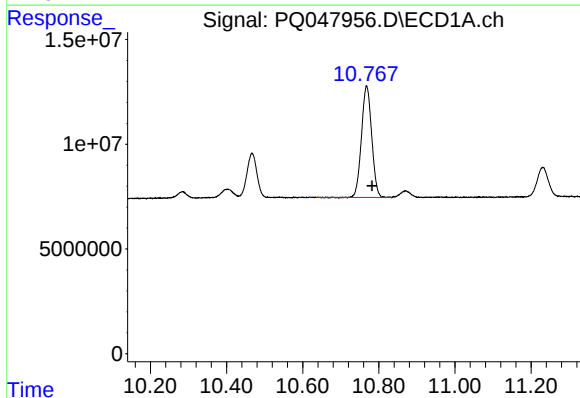
R.T.: 10.284 min
Delta R.T.: -0.011 min
Response: 4827865
Conc: 6.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



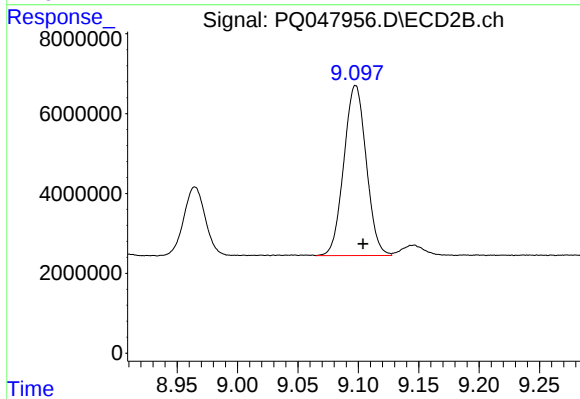
#43 AR-1268-3

R.T.: 8.805 min
Delta R.T.: -0.007 min
Response: 2803751
Conc: 6.74 ng/ml



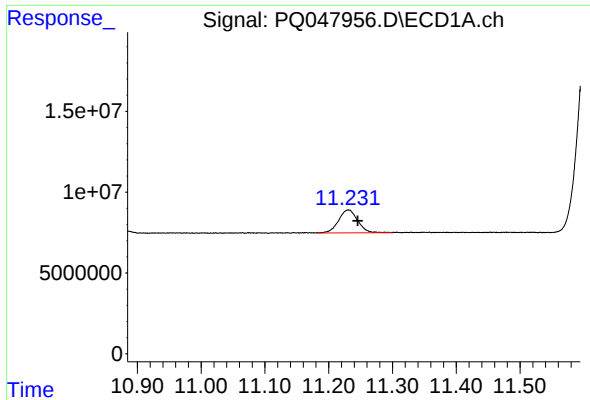
#44 AR-1268-4

R.T.: 10.768 min
Delta R.T.: -0.014 min
Response: 99415913
Conc: 286.95 ng/ml



#44 AR-1268-4

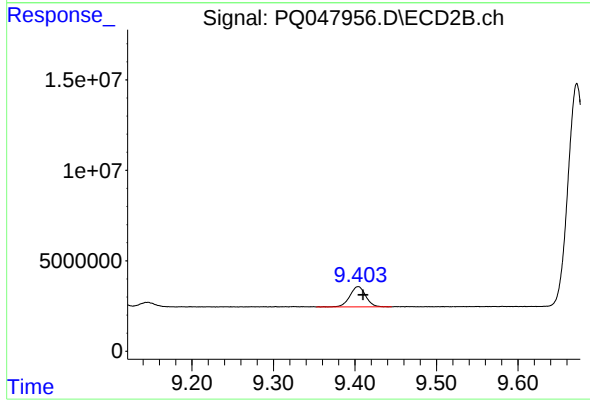
R.T.: 9.098 min
Delta R.T.: -0.006 min
Response: 54961568
Conc: 298.51 ng/ml



#45 AR-1268-5

R.T.: 11.231 min
Delta R.T.: -0.015 min
Response: 29567000
Conc: 11.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.404 min
Delta R.T.: -0.006 min
Response: 15142119
Conc: 10.61 ng/ml