

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012622\
 Data File : PQ055998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2022 17:28
 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 27 02:00:50 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...	5.235	4.294	666.1E6	581.1E6	49.182	51.684
2)	SA Decachlor...	11.409	9.653	735.5E6	409.5E6	50.381	51.344
Target Compounds							
3)	L1 AR-1016-1	6.564	5.565	5583124	3983664	15.966	12.972
4)	L1 AR-1016-2	6.592	5.586	9418284	3888299	13.853	6.242 #
5)	L1 AR-1016-3	6.652	5.776	4778637	2383609	10.510	8.733
6)	L1 AR-1016-4	6.761	5.821	5043819	118.7E6	13.620	470.590 #
7)	L1 AR-1016-5	7.070	6.054	71322101	66158193	243.581	225.977
8)	L2 AR-1221-1	5.495	4.547	92165	235453	0.646	2.079 #
9)	L2 AR-1221-2	5.591	4.654	11151937	7367609	101.663	84.178
10)	L2 AR-1221-3	5.679	4.750	2122987	1497768	6.542	5.308
11)	L3 AR-1232-1	5.679	4.750	2122987	1497768	7.915	6.516
12)	L3 AR-1232-2	6.264	5.586	3841109	3888299	25.908	15.990 #
13)	L3 AR-1232-3	6.592	5.776	9418284	2383609	33.895	22.948 #
14)	L3 AR-1232-4	6.761	5.866	5043819	38987690	34.105	375.591 #
15)	L3 AR-1232-5	6.851	6.054	107.6E6	66158193	1137.999	603.219 #
16)	L4 AR-1242-1	6.564	5.565	5583124	3983664	20.692	17.211
17)	L4 AR-1242-2	6.592	5.586	9418284	3888299	17.994	8.258 #
18)	L4 AR-1242-3	6.652	5.776	4778637	2383609	13.214	11.478
19)	L4 AR-1242-4	6.761	5.866	5043819	38987690	17.289	174.777 #
20)	L4 AR-1242-5	7.542	6.433	76543749	303.1E6	288.731	1122.366 #
21)	L5 AR-1248-1	6.564	5.565	5583124	3983664	26.663	23.046
22)	L5 AR-1248-2	6.851	5.821	107.6E6	118.7E6	336.067	372.248
23)	L5 AR-1248-3	7.070	5.866	71322101	38987690	188.514	119.094 #
24)	L5 AR-1248-4	7.502	6.054	104.5E6	66158193	247.018	175.391 #
25)	L5 AR-1248-5	7.542	6.482	76543749	32544523	166.236	88.519 #
26)	L6 AR-1254-1	7.467	6.433	193.3E6	303.1E6	474.512	488.896
27)	L6 AR-1254-2	7.697	6.590	296.4E6	260.8E6	457.414	481.647
28)	L6 AR-1254-3	8.081	7.014	361.3E6	415.9E6	462.030	482.222
29)	L6 AR-1254-4	8.379	7.256	255.5E6	302.2E6	450.910	483.532
30)	L6 AR-1254-5	8.805	7.681	344.8E6	362.4E6	546.207	477.853
31)	L7 AR-1260-1	8.244	7.149	136.1E6	200.7E6	283.131	366.451 #
32)	L7 AR-1260-2	8.510	7.345	157.9E6	170.2E6	268.018	256.429
33)	L7 AR-1260-3	8.869f	7.500	47598575	167.7E6	95.188	272.508 #
34)	L7 AR-1260-4	9.115	7.984	125.8E6	18062672	215.925	35.757 #
35)	L7 AR-1260-5	9.465	8.228	65404910	43801216	49.765	36.874 #
36)	L8 AR-1262-1	8.869	7.681	47598575	362.4E6	66.448	997.060 #
37)	L8 AR-1262-2	9.465	8.228	65404910	43801216	43.708	33.109
38)	L8 AR-1262-3	9.823f	8.517	37161890	1157066	48.302	2.338 #
39)	L8 AR-1262-4	9.875f	8.580	12408237	35292764	18.760	38.241 #
40)	L8 AR-1262-5	10.608	9.088	3712898	1264632	5.428	3.174 #
41)	L9 AR-1268-1	9.823f	8.517	37161890	1157066	19.659	0.789 #

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 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

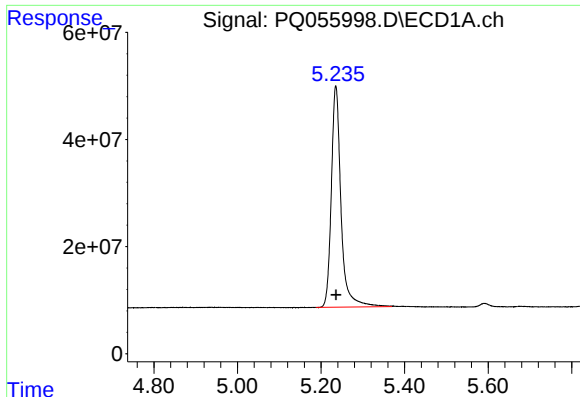
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 02:00:50 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	0.000	8.580	0	35292764	N.D.	26.632 #
43) L9	AR-1268-3	10.138	8.789	1553701	877504	0.908	0.795
44) L9	AR-1268-4	10.608	9.088	3712898	1264632	4.980	2.878 #
45) L9	AR-1268-5	11.053	9.391	5079683	3154590	0.925	0.953

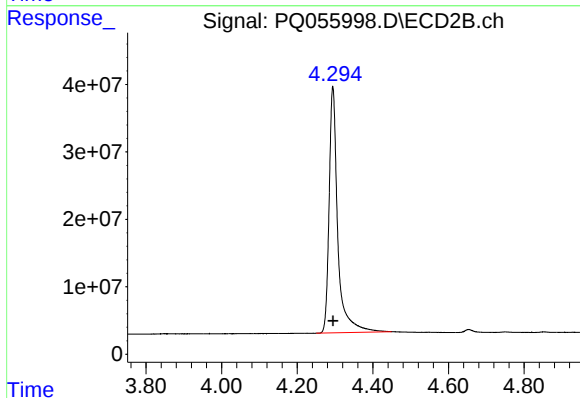
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

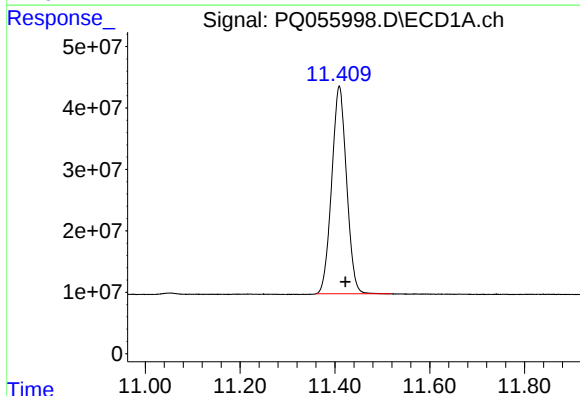
R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 666117290
Conc: 49.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



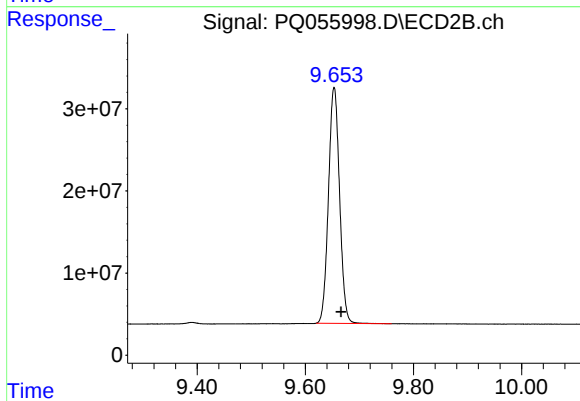
#1 Tetrachloro-m-xylene

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 581123554
Conc: 51.68 ng/ml



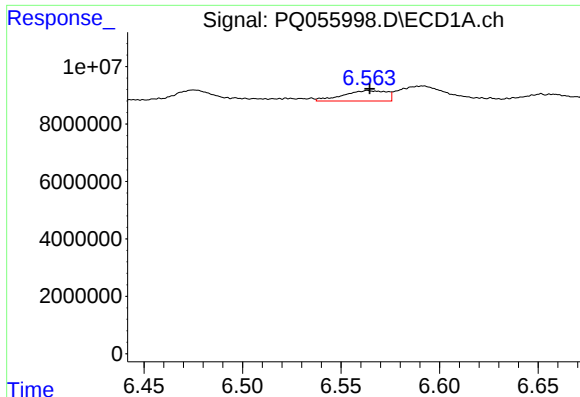
#2 Decachlorobiphenyl

R.T.: 11.409 min
Delta R.T.: -0.013 min
Response: 735493894
Conc: 50.38 ng/ml



#2 Decachlorobiphenyl

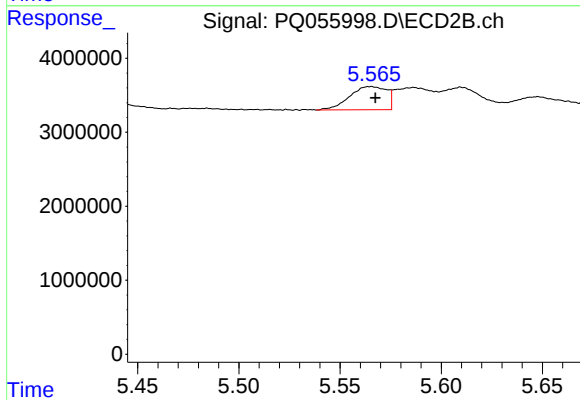
R.T.: 9.653 min
Delta R.T.: -0.013 min
Response: 409479591
Conc: 51.34 ng/ml



#3 AR-1016-1

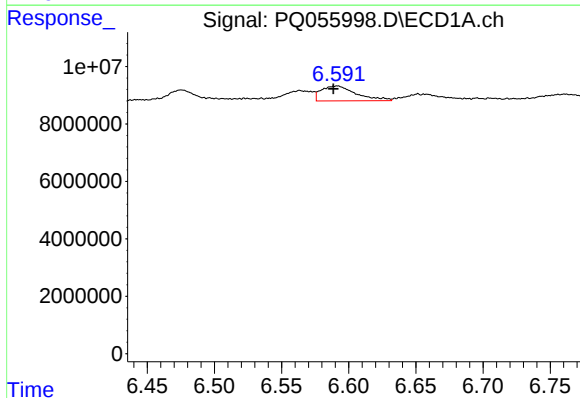
R.T.: 6.564 min
Delta R.T.: -0.001 min
Response: 5583124
Conc: 15.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



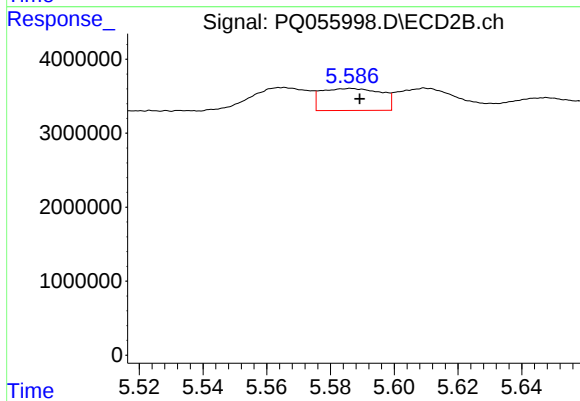
#3 AR-1016-1

R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 3983664
Conc: 12.97 ng/ml



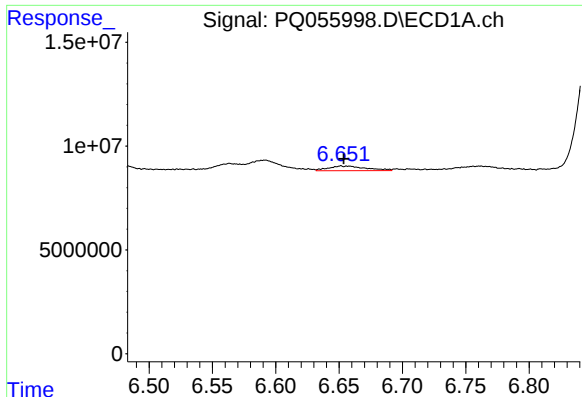
#4 AR-1016-2

R.T.: 6.592 min
Delta R.T.: 0.003 min
Response: 9418284
Conc: 13.85 ng/ml



#4 AR-1016-2

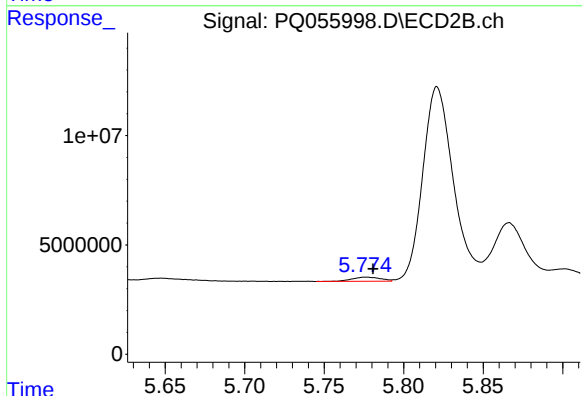
R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 3888299
Conc: 6.24 ng/ml



#5 AR-1016-3

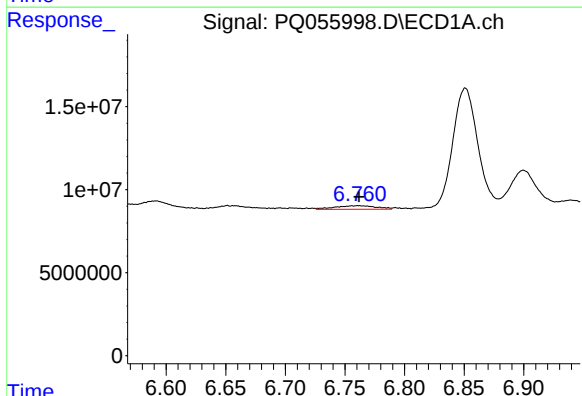
R.T.: 6.652 min
Delta R.T.: -0.002 min
Response: 4778637
Conc: 10.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



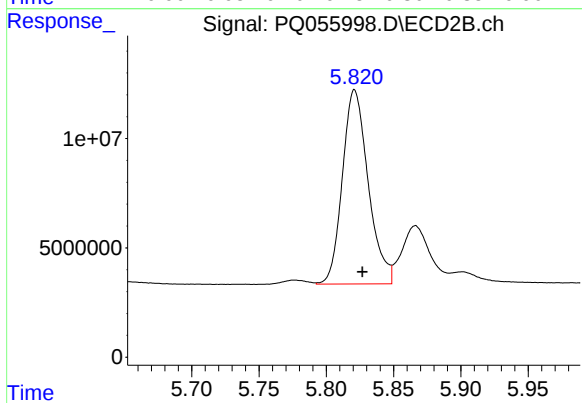
#5 AR-1016-3

R.T.: 5.776 min
Delta R.T.: -0.004 min
Response: 2383609
Conc: 8.73 ng/ml



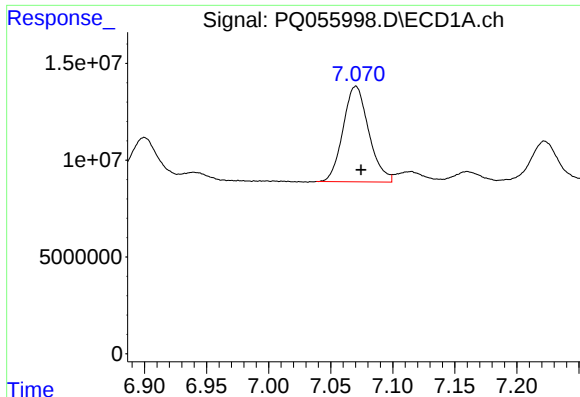
#6 AR-1016-4

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 5043819
Conc: 13.62 ng/ml



#6 AR-1016-4

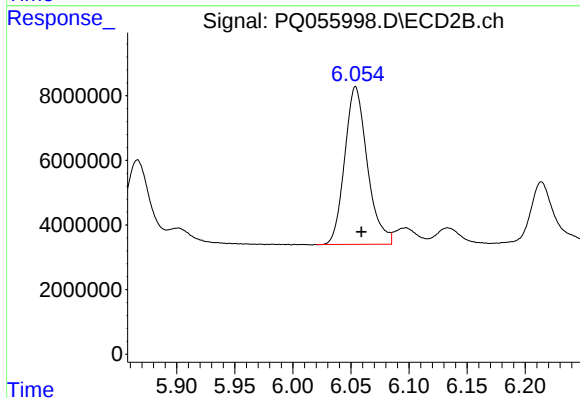
R.T.: 5.821 min
Delta R.T.: -0.006 min
Response: 118748734
Conc: 470.59 ng/ml



#7 AR-1016-5

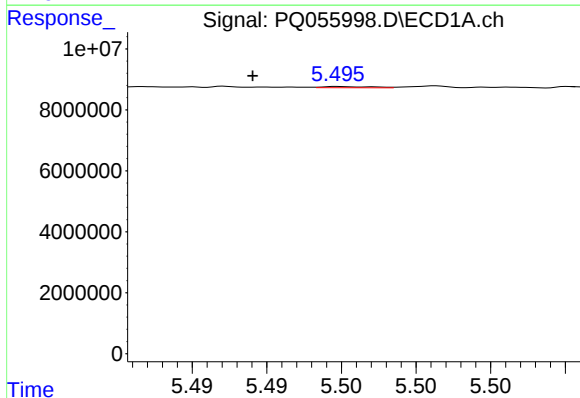
R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 71322101
Conc: 243.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



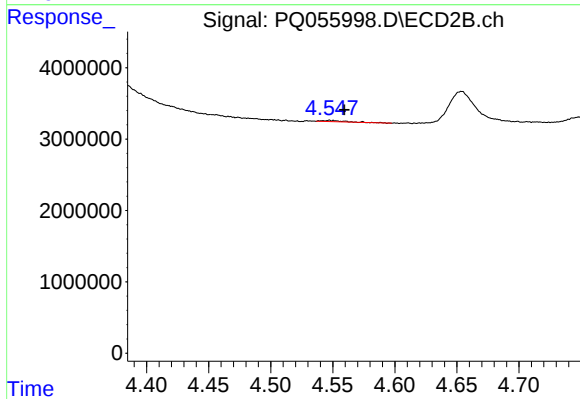
#7 AR-1016-5

R.T.: 6.054 min
Delta R.T.: -0.005 min
Response: 66158193
Conc: 225.98 ng/ml



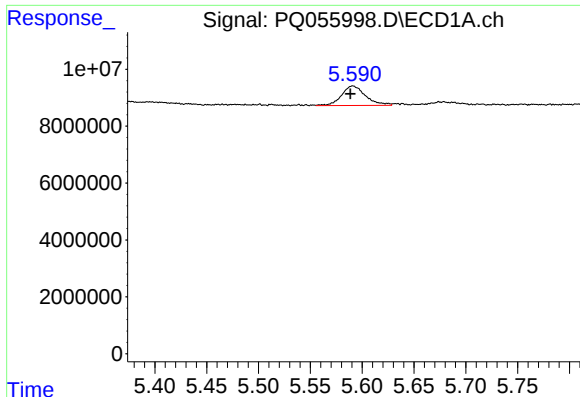
#8 AR-1221-1

R.T.: 5.495 min
Delta R.T.: 0.006 min
Response: 92165
Conc: 0.65 ng/ml



#8 AR-1221-1

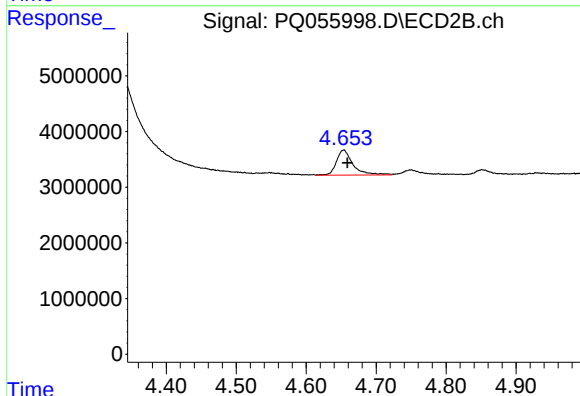
R.T.: 4.547 min
Delta R.T.: -0.012 min
Response: 235453
Conc: 2.08 ng/ml



#9 AR-1221-2

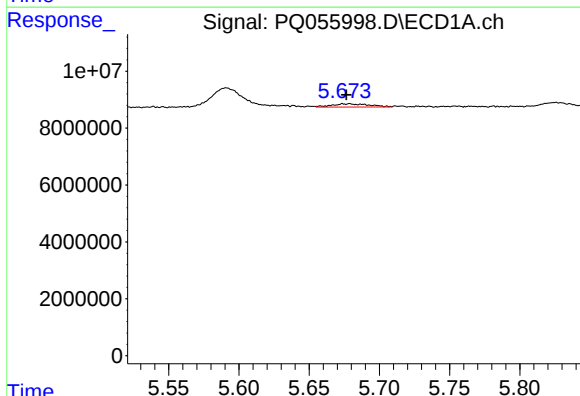
R.T.: 5.591 min
Delta R.T.: 0.002 min
Response: 11151937
Conc: 101.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



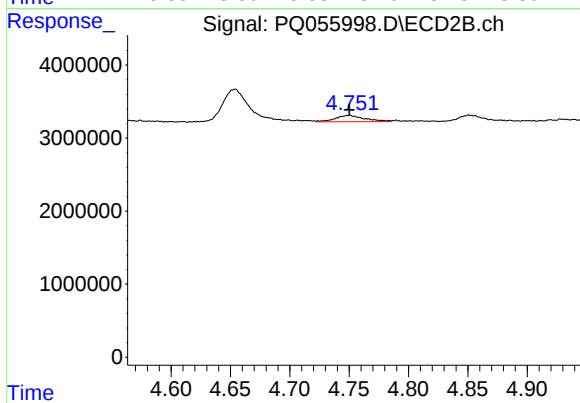
#9 AR-1221-2

R.T.: 4.654 min
Delta R.T.: -0.005 min
Response: 7367609
Conc: 84.18 ng/ml



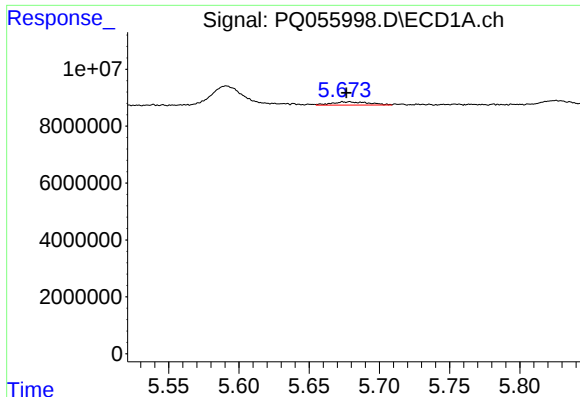
#10 AR-1221-3

R.T.: 5.679 min
Delta R.T.: 0.002 min
Response: 2122987
Conc: 6.54 ng/ml



#10 AR-1221-3

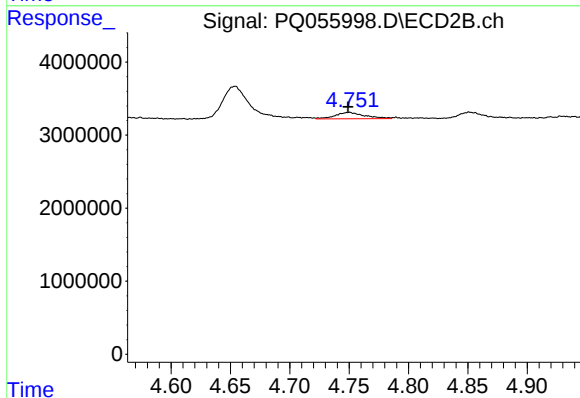
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 1497768
Conc: 5.31 ng/ml



#11 AR-1232-1

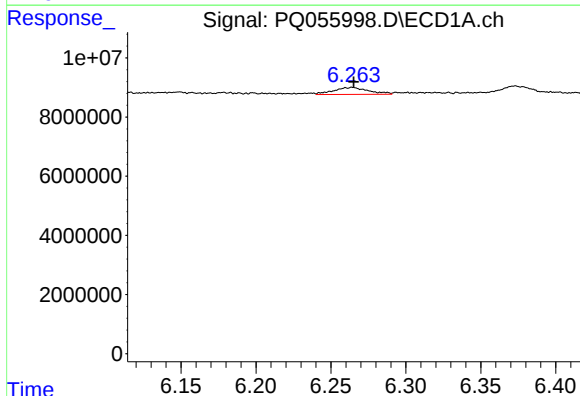
R.T.: 5.679 min
Delta R.T.: 0.003 min
Response: 2122987
Conc: 7.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



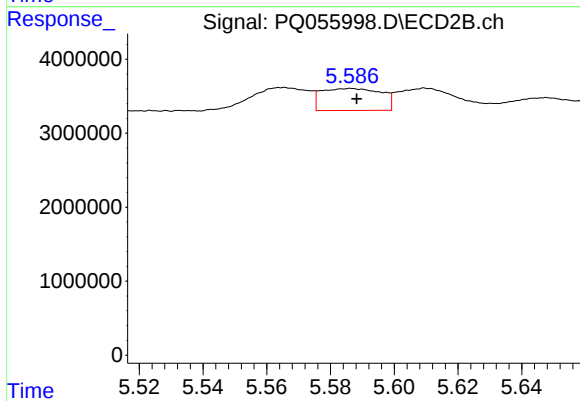
#11 AR-1232-1

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 1497768
Conc: 6.52 ng/ml



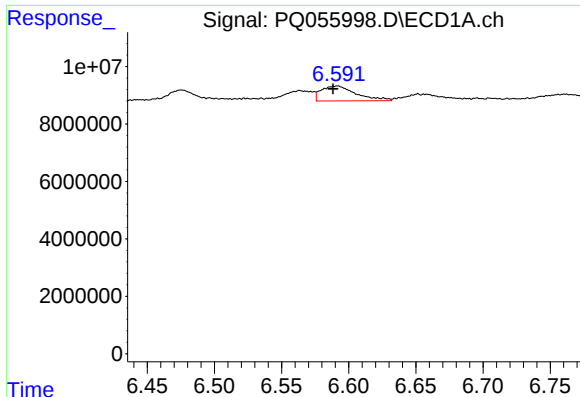
#12 AR-1232-2

R.T.: 6.264 min
Delta R.T.: -0.001 min
Response: 3841109
Conc: 25.91 ng/ml



#12 AR-1232-2

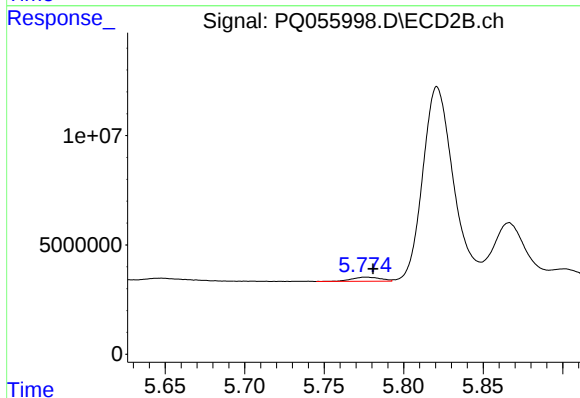
R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 3888299
Conc: 15.99 ng/ml



#13 AR-1232-3

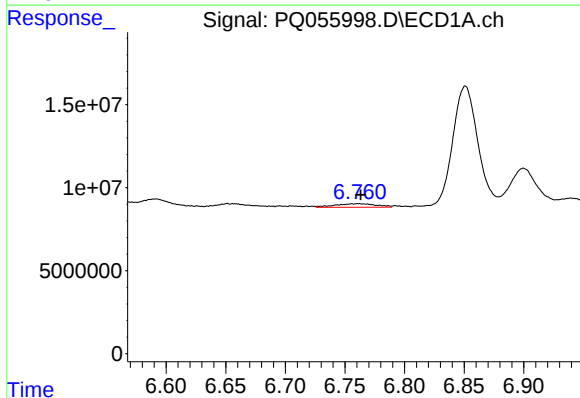
R.T.: 6.592 min
Delta R.T.: 0.003 min
Response: 9418284
Conc: 33.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



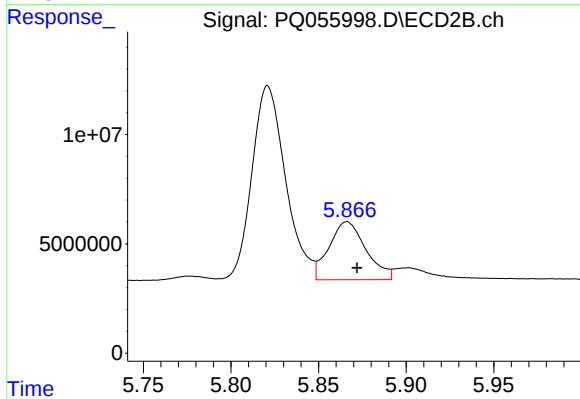
#13 AR-1232-3

R.T.: 5.776 min
Delta R.T.: -0.004 min
Response: 2383609
Conc: 22.95 ng/ml



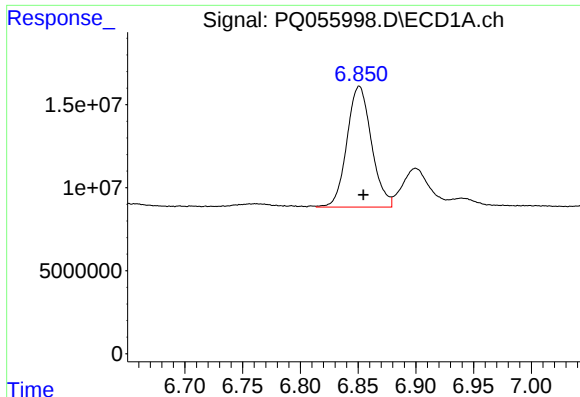
#14 AR-1232-4

R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 5043819
Conc: 34.11 ng/ml



#14 AR-1232-4

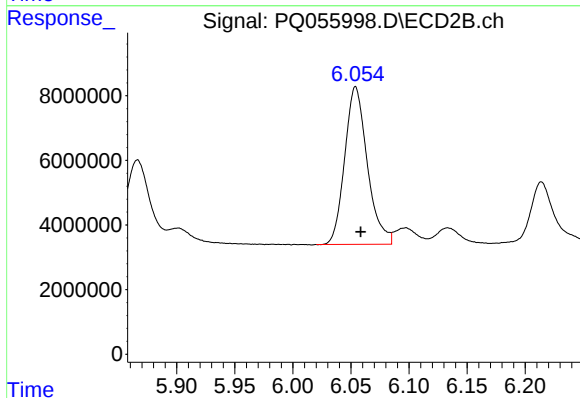
R.T.: 5.866 min
Delta R.T.: -0.006 min
Response: 38987690
Conc: 375.59 ng/ml



#15 AR-1232-5

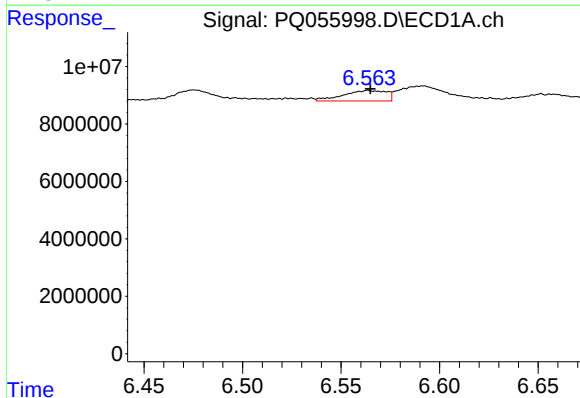
R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 107603440
Conc: 1138.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



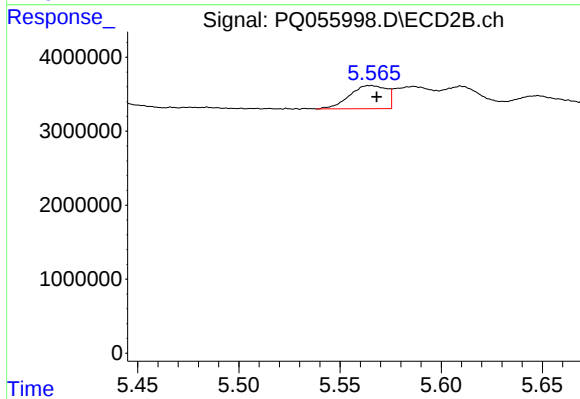
#15 AR-1232-5

R.T.: 6.054 min
Delta R.T.: -0.004 min
Response: 66158193
Conc: 603.22 ng/ml



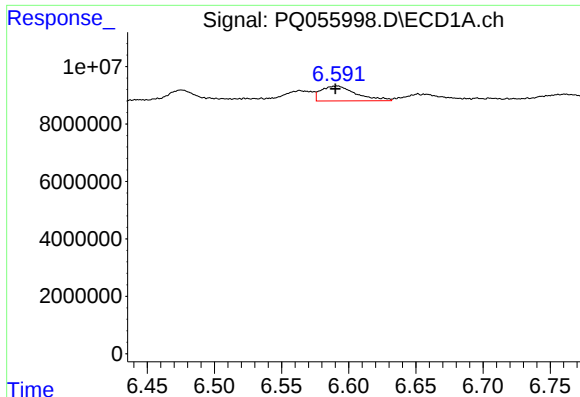
#16 AR-1242-1

R.T.: 6.564 min
Delta R.T.: -0.001 min
Response: 5583124
Conc: 20.69 ng/ml



#16 AR-1242-1

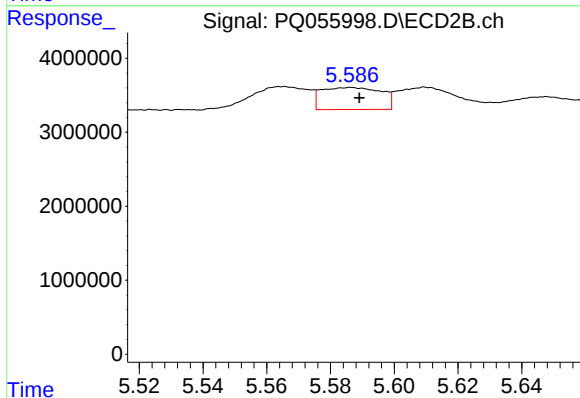
R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 3983664
Conc: 17.21 ng/ml



#17 AR-1242-2

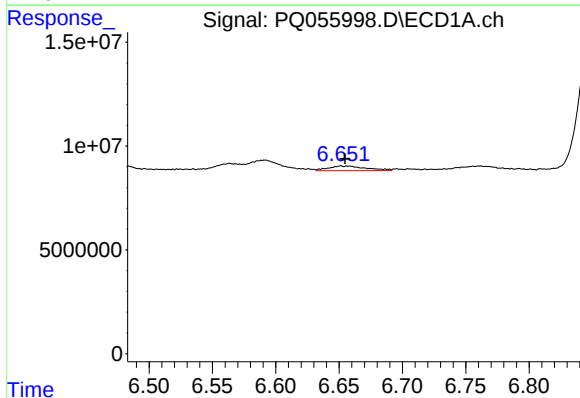
R.T.: 6.592 min
Delta R.T.: 0.002 min
Response: 9418284
Conc: 17.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



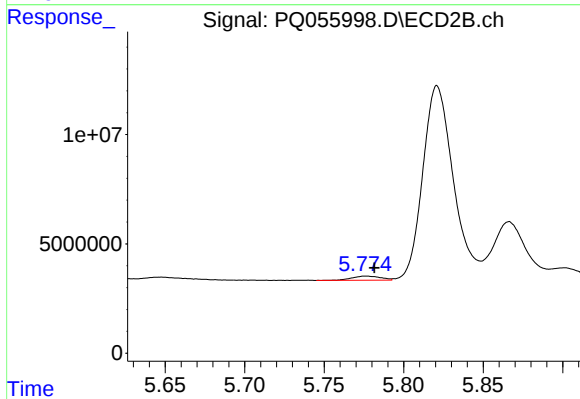
#17 AR-1242-2

R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 3888299
Conc: 8.26 ng/ml



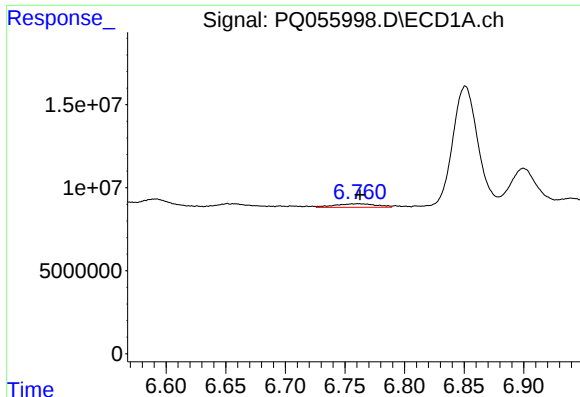
#18 AR-1242-3

R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 4778637
Conc: 13.21 ng/ml



#18 AR-1242-3

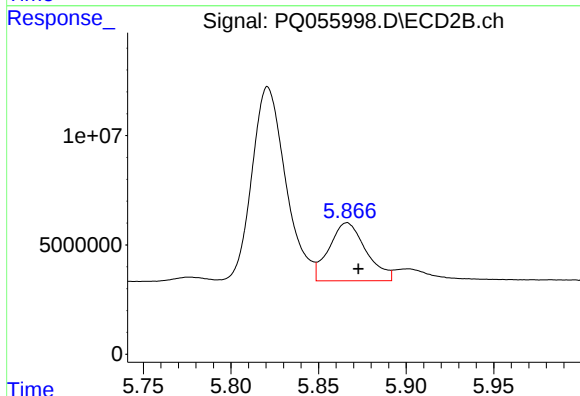
R.T.: 5.776 min
Delta R.T.: -0.005 min
Response: 2383609
Conc: 11.48 ng/ml



#19 AR-1242-4

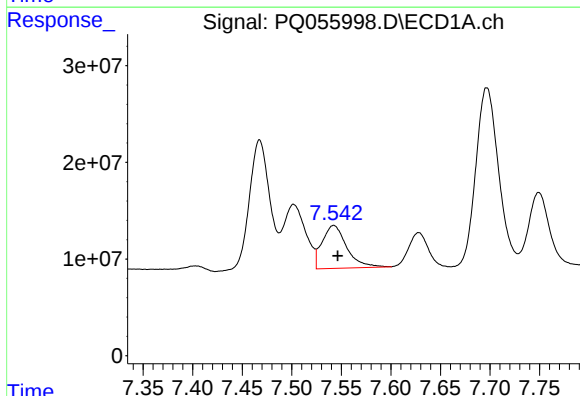
R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 5043819
Conc: 17.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



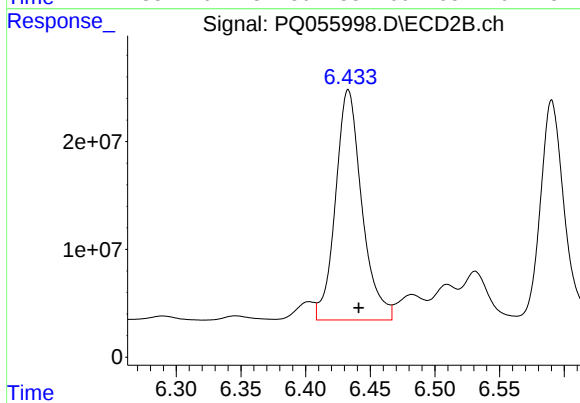
#19 AR-1242-4

R.T.: 5.866 min
Delta R.T.: -0.006 min
Response: 38987690
Conc: 174.78 ng/ml



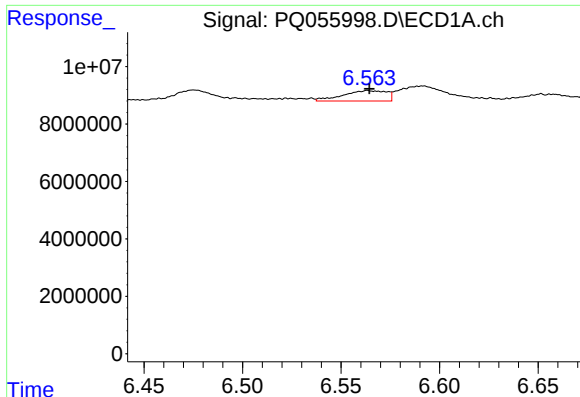
#20 AR-1242-5

R.T.: 7.542 min
Delta R.T.: -0.004 min
Response: 76543749
Conc: 288.73 ng/ml



#20 AR-1242-5

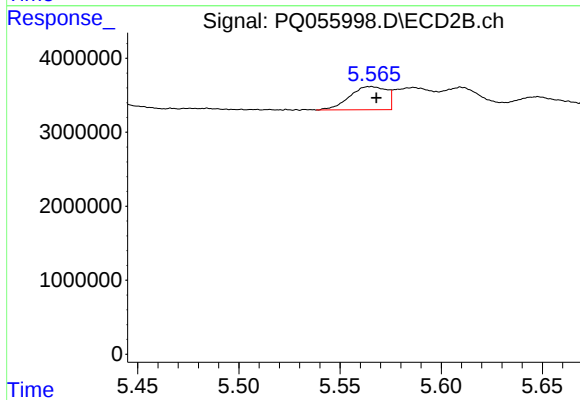
R.T.: 6.433 min
Delta R.T.: -0.008 min
Response: 303073285
Conc: 1122.37 ng/ml



#21 AR-1248-1

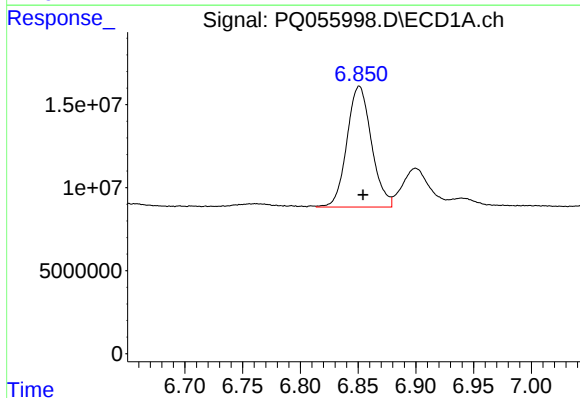
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 5583124
Conc: 26.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



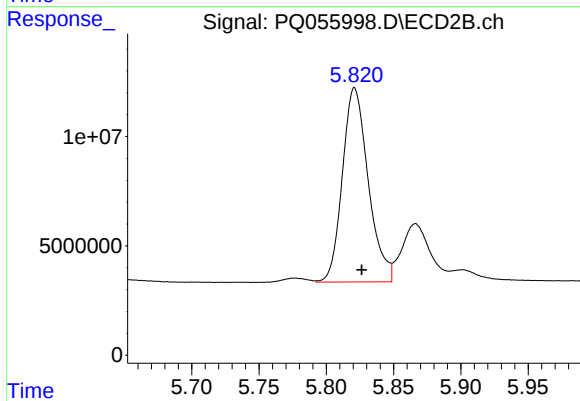
#21 AR-1248-1

R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 3983664
Conc: 23.05 ng/ml



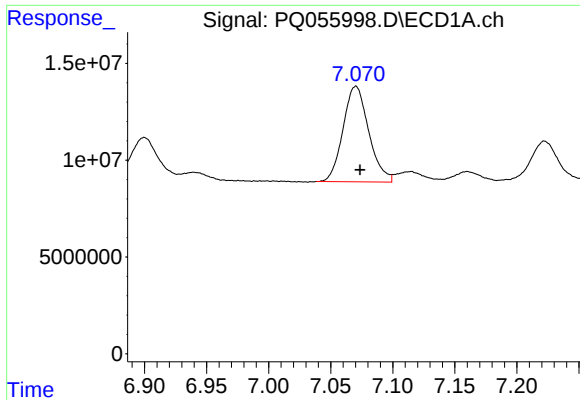
#22 AR-1248-2

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 107603440
Conc: 336.07 ng/ml



#22 AR-1248-2

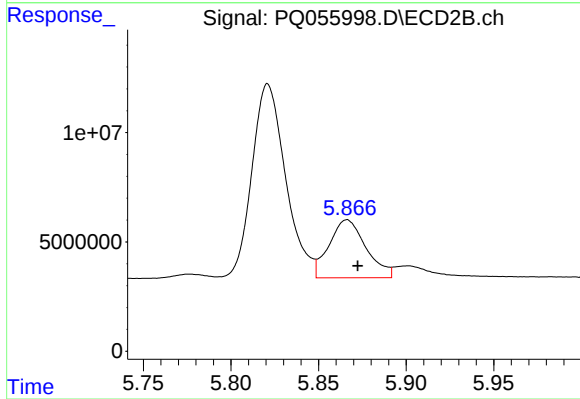
R.T.: 5.821 min
Delta R.T.: -0.005 min
Response: 118748734
Conc: 372.25 ng/ml



#23 AR-1248-3

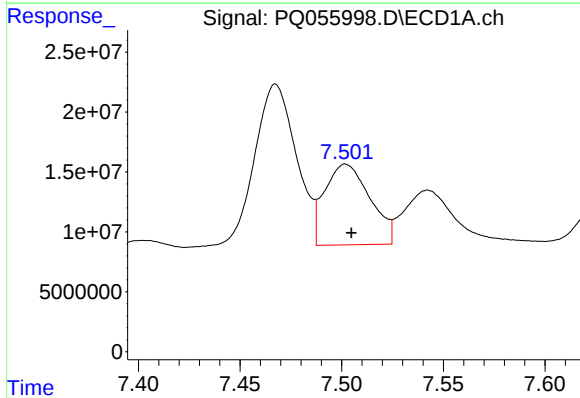
R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 71322101
Conc: 188.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



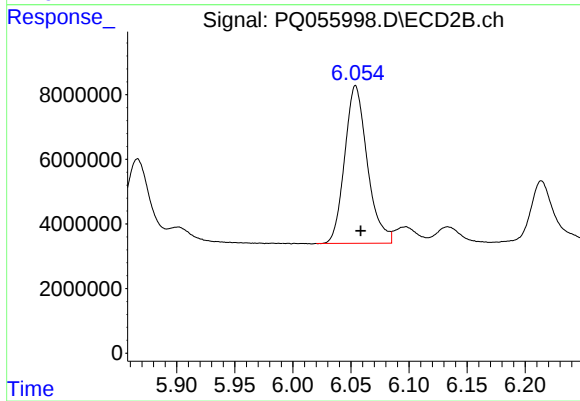
#23 AR-1248-3

R.T.: 5.866 min
Delta R.T.: -0.006 min
Response: 38987690
Conc: 119.09 ng/ml



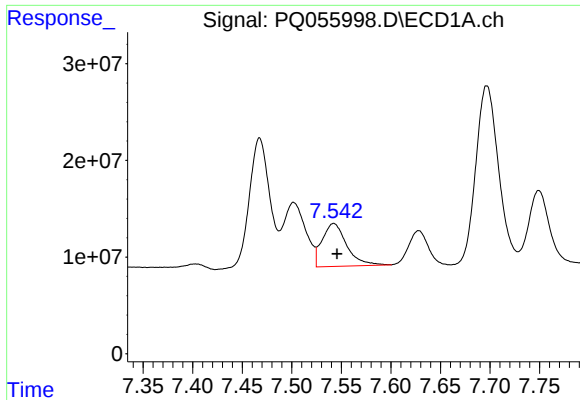
#24 AR-1248-4

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 104501741
Conc: 247.02 ng/ml



#24 AR-1248-4

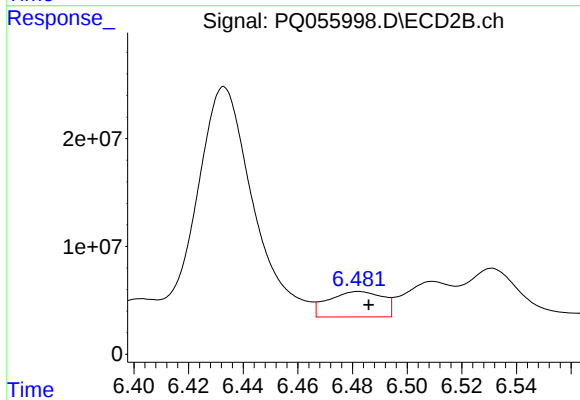
R.T.: 6.054 min
Delta R.T.: -0.004 min
Response: 66158193
Conc: 175.39 ng/ml



#25 AR-1248-5

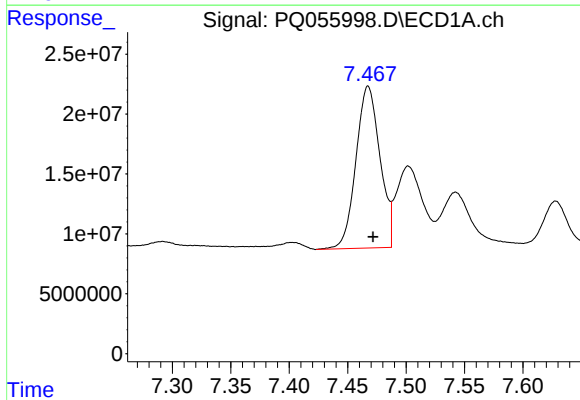
R.T.: 7.542 min
Delta R.T.: -0.003 min
Response: 76543749
Conc: 166.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



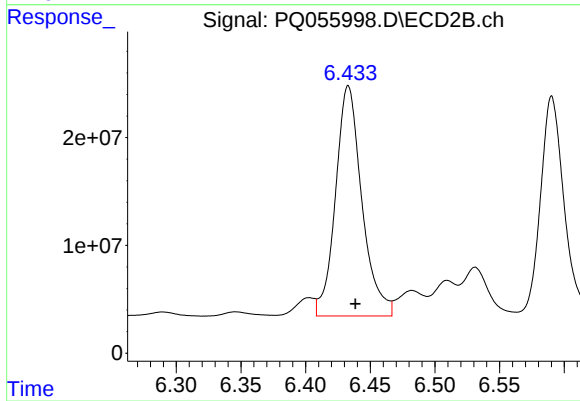
#25 AR-1248-5

R.T.: 6.482 min
Delta R.T.: -0.004 min
Response: 32544523
Conc: 88.52 ng/ml



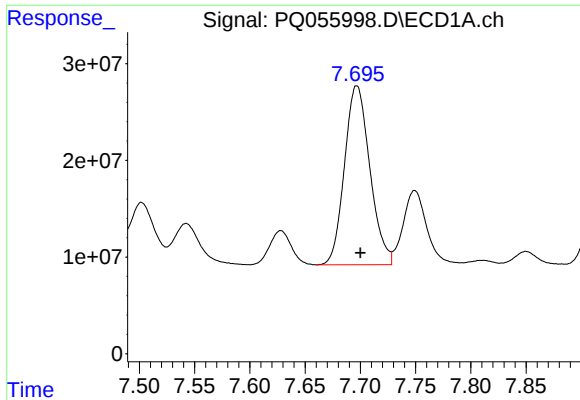
#26 AR-1254-1

R.T.: 7.467 min
Delta R.T.: -0.004 min
Response: 193324543
Conc: 474.51 ng/ml



#26 AR-1254-1

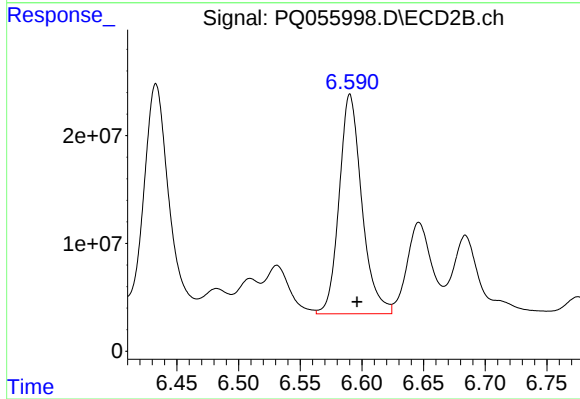
R.T.: 6.433 min
Delta R.T.: -0.005 min
Response: 303073285
Conc: 488.90 ng/ml



#27 AR-1254-2

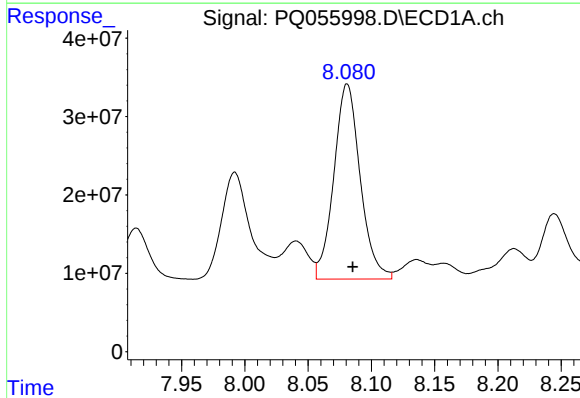
R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 296362051
Conc: 457.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



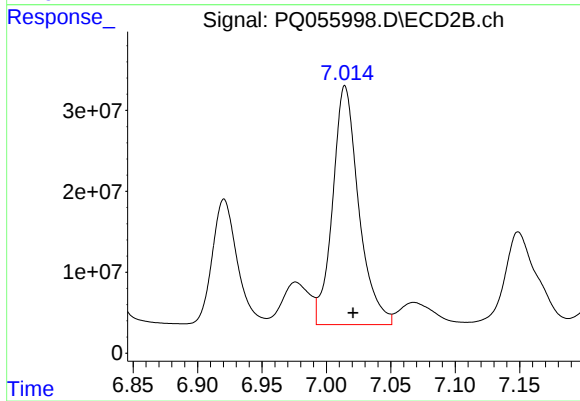
#27 AR-1254-2

R.T.: 6.590 min
Delta R.T.: -0.006 min
Response: 260825437
Conc: 481.65 ng/ml



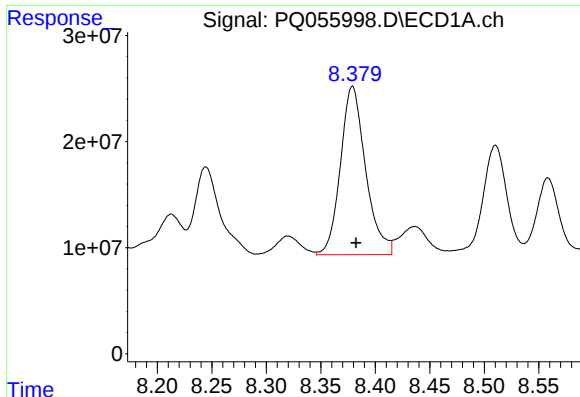
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 361320651
Conc: 462.03 ng/ml



#28 AR-1254-3

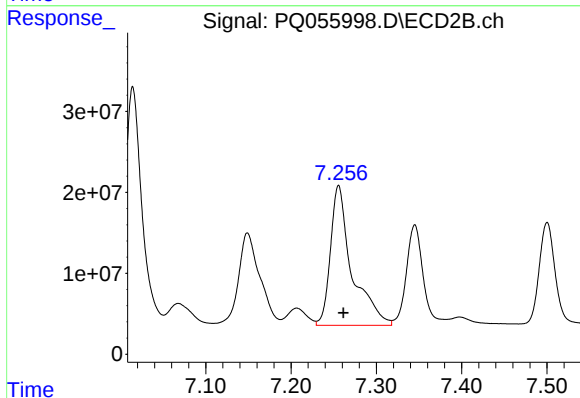
R.T.: 7.014 min
Delta R.T.: -0.006 min
Response: 415939153
Conc: 482.22 ng/ml



#29 AR-1254-4

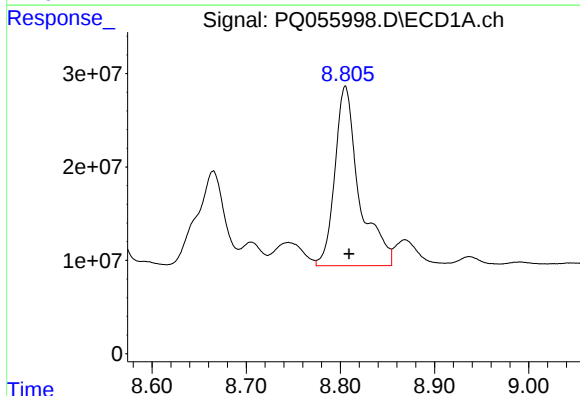
R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 255453575
Conc: 450.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



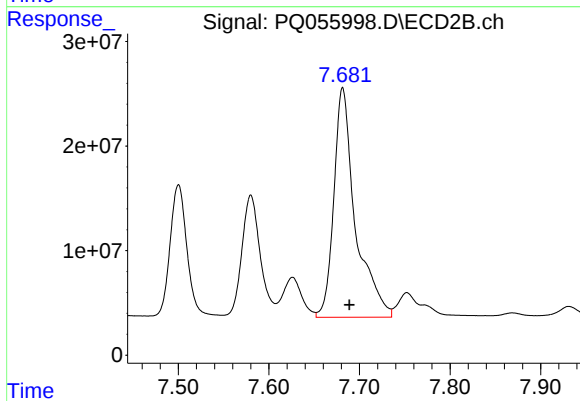
#29 AR-1254-4

R.T.: 7.256 min
Delta R.T.: -0.006 min
Response: 302160023
Conc: 483.53 ng/ml



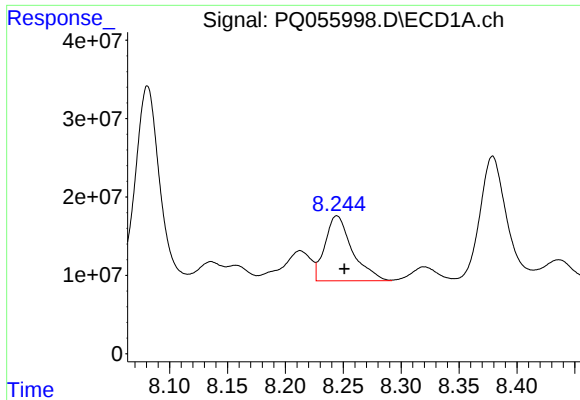
#30 AR-1254-5

R.T.: 8.805 min
Delta R.T.: -0.004 min
Response: 344764074
Conc: 546.21 ng/ml



#30 AR-1254-5

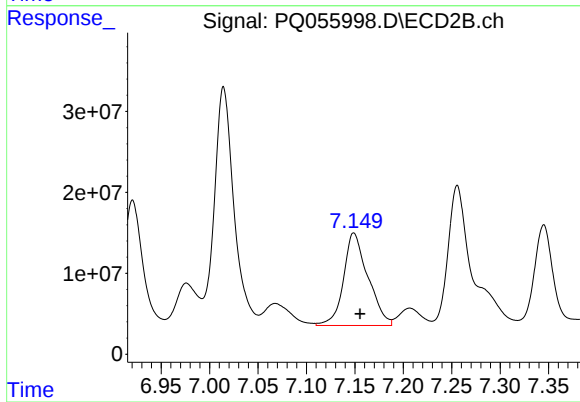
R.T.: 7.681 min
Delta R.T.: -0.007 min
Response: 362366800
Conc: 477.85 ng/ml



#31 AR-1260-1

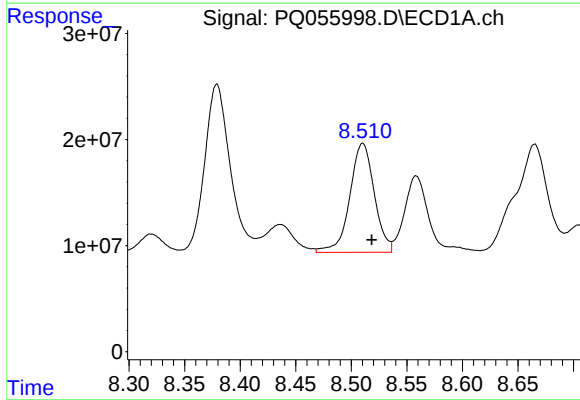
R.T.: 8.244 min
Delta R.T.: -0.006 min
Response: 136082808
Conc: 283.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



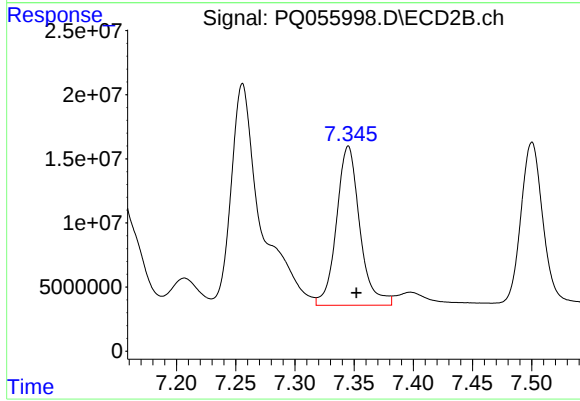
#31 AR-1260-1

R.T.: 7.149 min
Delta R.T.: -0.007 min
Response: 200660810
Conc: 366.45 ng/ml



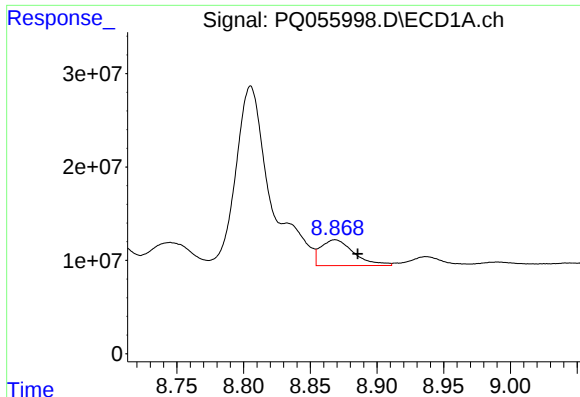
#32 AR-1260-2

R.T.: 8.510 min
Delta R.T.: -0.008 min
Response: 157883492
Conc: 268.02 ng/ml



#32 AR-1260-2

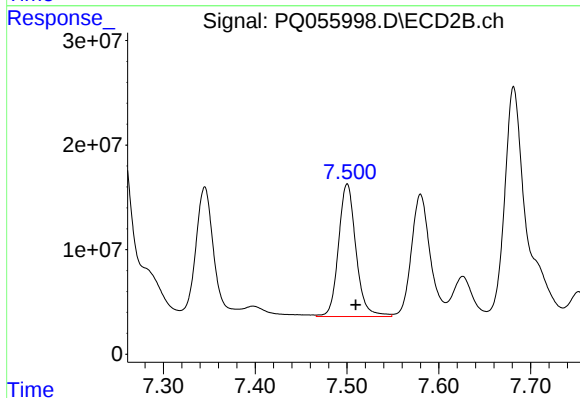
R.T.: 7.345 min
Delta R.T.: -0.007 min
Response: 170214968
Conc: 256.43 ng/ml



#33 AR-1260-3

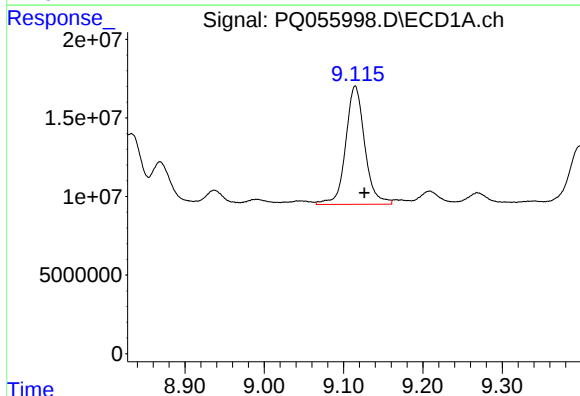
R.T.: 8.869 min
Delta R.T.: -0.017 min
Response: 47598575
Conc: 95.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



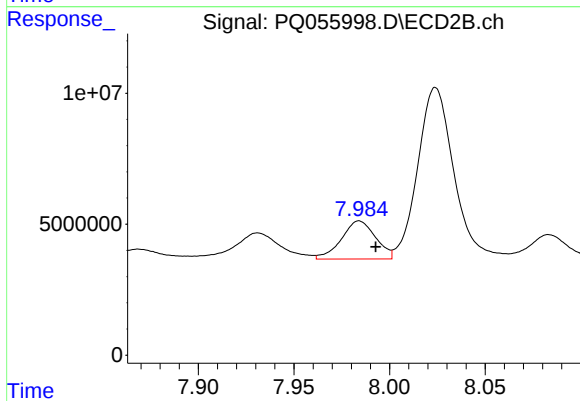
#33 AR-1260-3

R.T.: 7.500 min
Delta R.T.: -0.009 min
Response: 167738979
Conc: 272.51 ng/ml



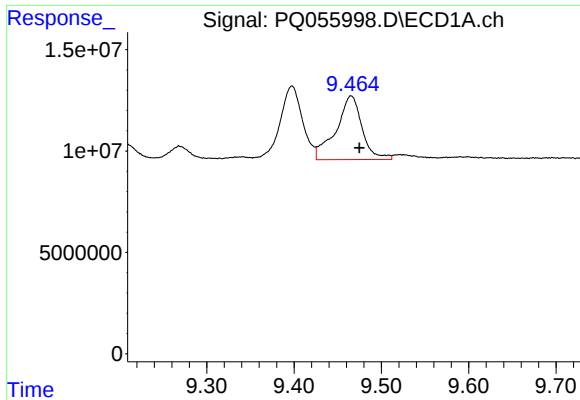
#34 AR-1260-4

R.T.: 9.115 min
Delta R.T.: -0.012 min
Response: 125777023
Conc: 215.92 ng/ml



#34 AR-1260-4

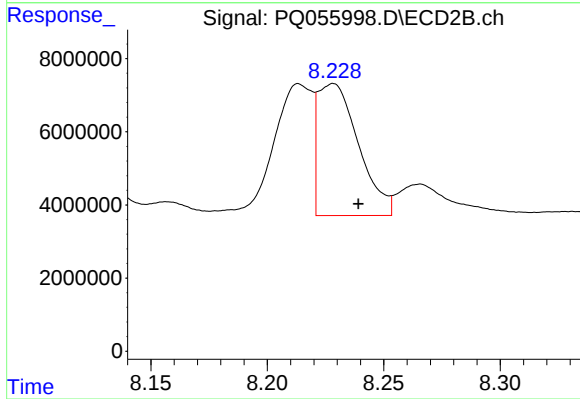
R.T.: 7.984 min
Delta R.T.: -0.009 min
Response: 18062672
Conc: 35.76 ng/ml



#35 AR-1260-5

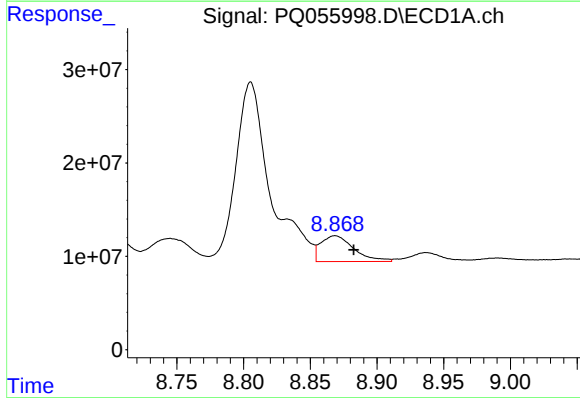
R.T.: 9.465 min
Delta R.T.: -0.009 min
Response: 65404910
Conc: 49.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



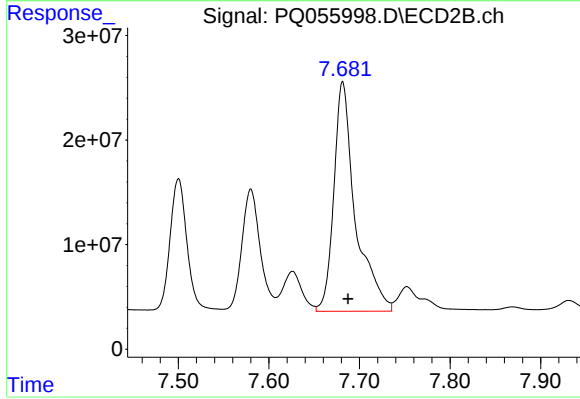
#35 AR-1260-5

R.T.: 8.228 min
Delta R.T.: -0.011 min
Response: 43801216
Conc: 36.87 ng/ml



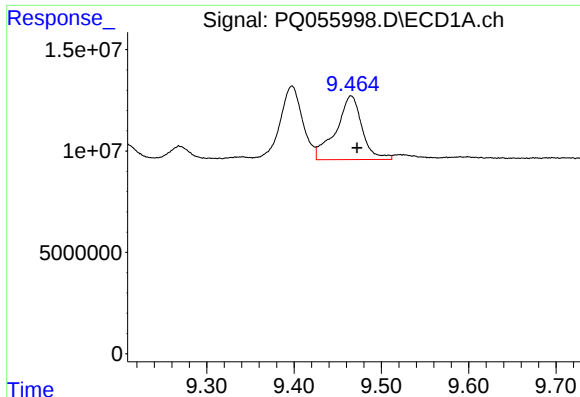
#36 AR-1262-1

R.T.: 8.869 min
Delta R.T.: -0.014 min
Response: 47598575
Conc: 66.45 ng/ml



#36 AR-1262-1

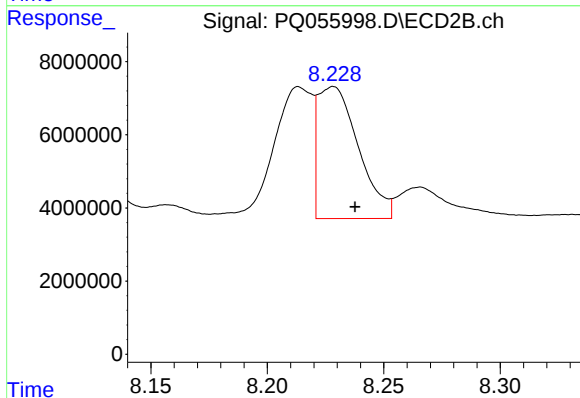
R.T.: 7.681 min
Delta R.T.: -0.006 min
Response: 362366800
Conc: 997.06 ng/ml



#37 AR-1262-2

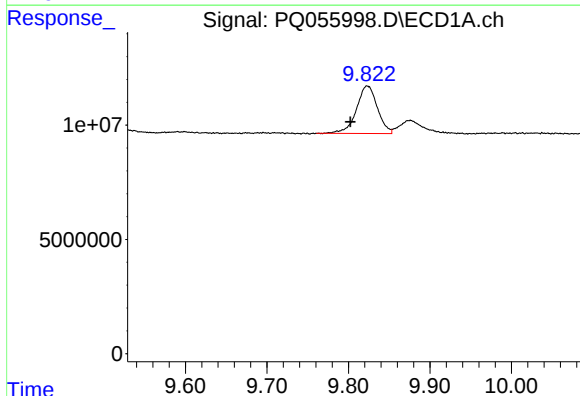
R.T.: 9.465 min
Delta R.T.: -0.007 min
Response: 65404910
Conc: 43.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



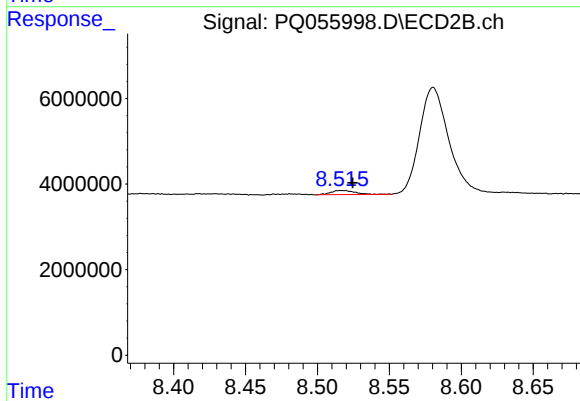
#37 AR-1262-2

R.T.: 8.228 min
Delta R.T.: -0.009 min
Response: 43801216
Conc: 33.11 ng/ml



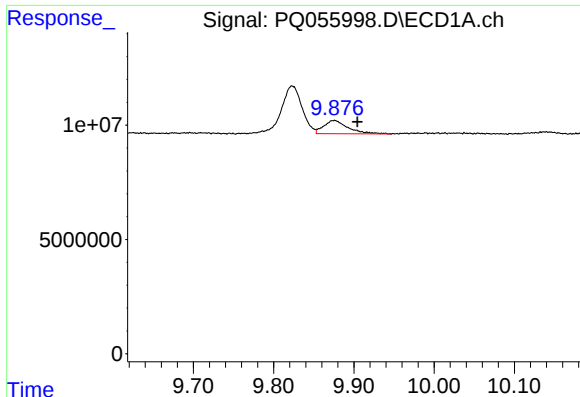
#38 AR-1262-3

R.T.: 9.823 min
Delta R.T.: 0.021 min
Response: 37161890
Conc: 48.30 ng/ml



#38 AR-1262-3

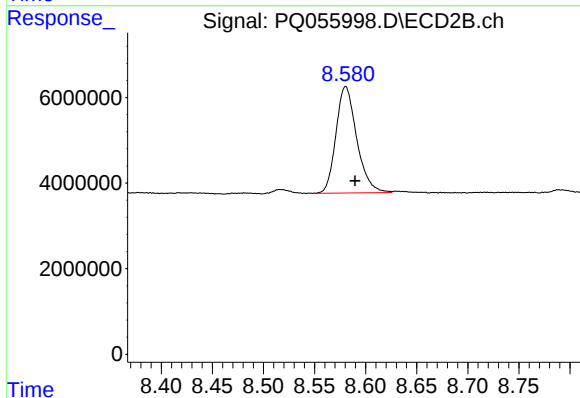
R.T.: 8.517 min
Delta R.T.: -0.007 min
Response: 1157066
Conc: 2.34 ng/ml



#39 AR-1262-4

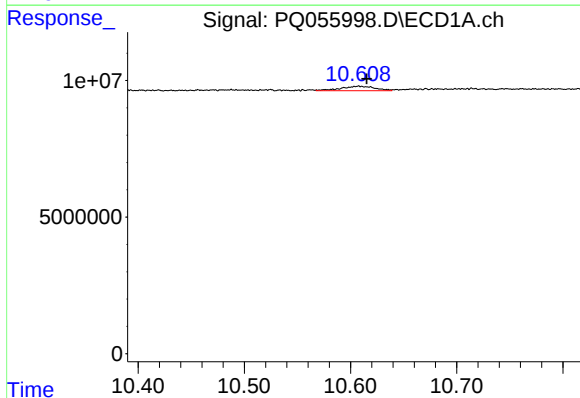
R.T.: 9.875 min
Delta R.T.: -0.029 min
Response: 12408237
Conc: 18.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



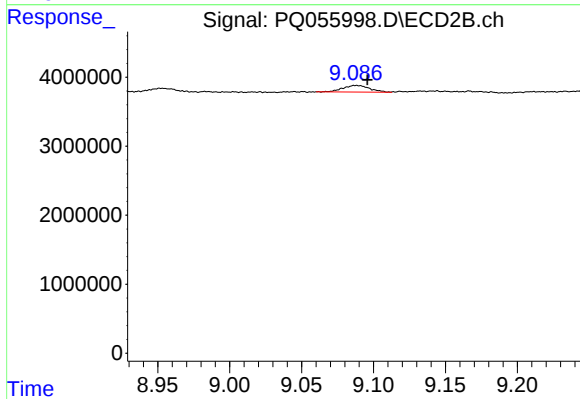
#39 AR-1262-4

R.T.: 8.580 min
Delta R.T.: -0.009 min
Response: 35292764
Conc: 38.24 ng/ml



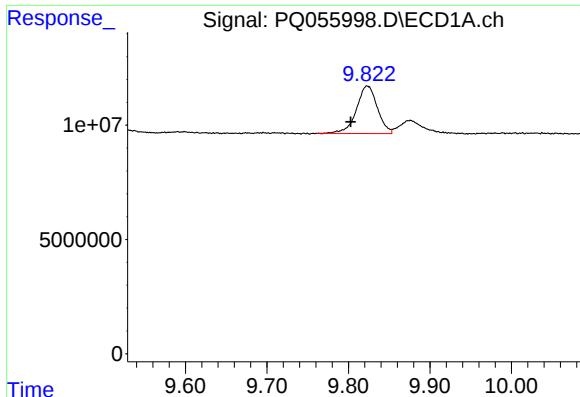
#40 AR-1262-5

R.T.: 10.608 min
Delta R.T.: -0.007 min
Response: 3712898
Conc: 5.43 ng/ml



#40 AR-1262-5

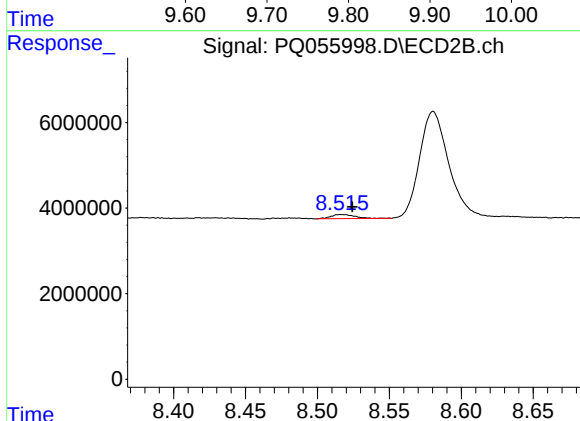
R.T.: 9.088 min
Delta R.T.: -0.008 min
Response: 1264632
Conc: 3.17 ng/ml



#41 AR-1268-1

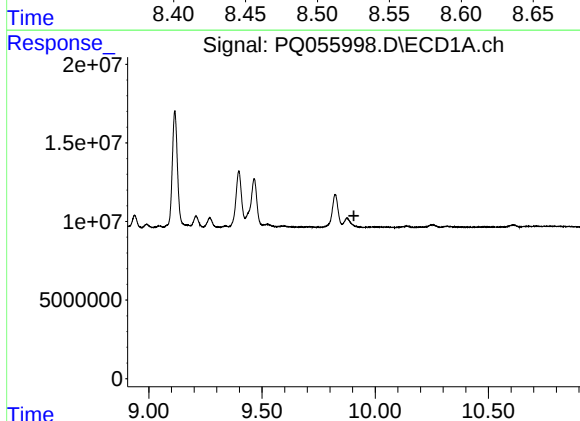
R.T.: 9.823 min
Delta R.T.: 0.020 min
Response: 37161890
Conc: 19.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



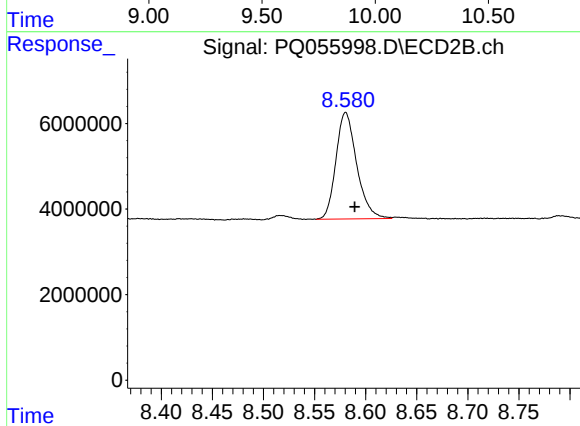
#41 AR-1268-1

R.T.: 8.517 min
Delta R.T.: -0.007 min
Response: 1157066
Conc: 0.79 ng/ml



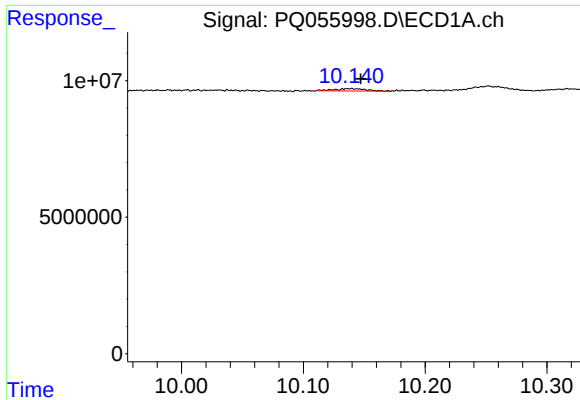
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.906 min
Response: 0
Conc: N.D.



#42 AR-1268-2

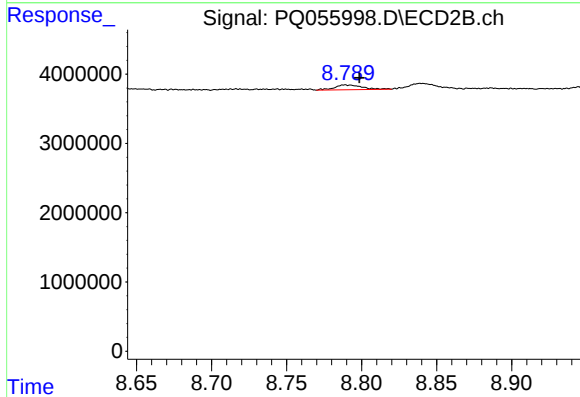
R.T.: 8.580 min
Delta R.T.: -0.009 min
Response: 35292764
Conc: 26.63 ng/ml



#43 AR-1268-3

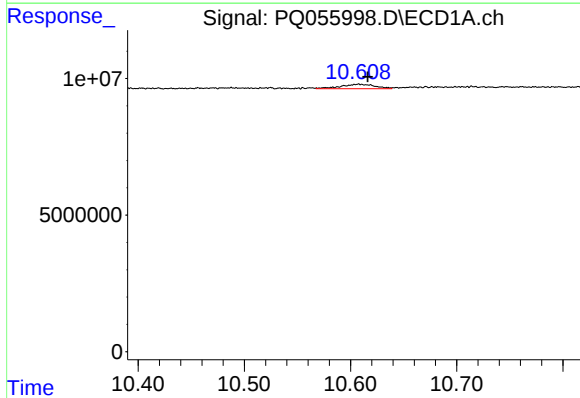
R.T.: 10.138 min
Delta R.T.: -0.009 min
Response: 1553701
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



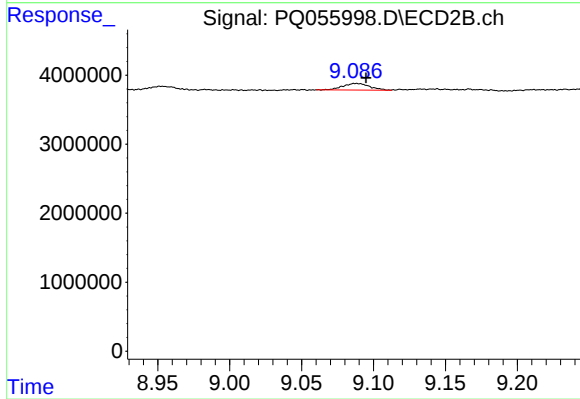
#43 AR-1268-3

R.T.: 8.789 min
Delta R.T.: -0.009 min
Response: 877504
Conc: 0.79 ng/ml



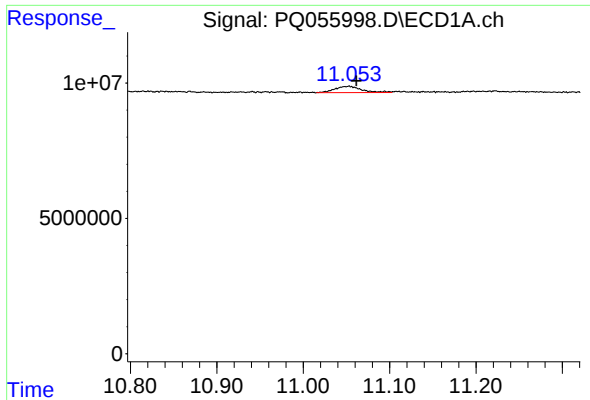
#44 AR-1268-4

R.T.: 10.608 min
Delta R.T.: -0.008 min
Response: 3712898
Conc: 4.98 ng/ml



#44 AR-1268-4

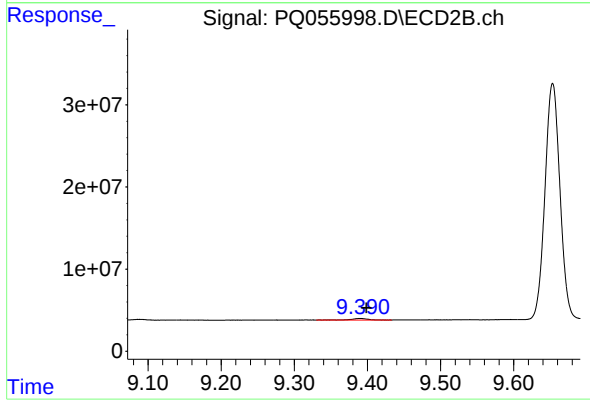
R.T.: 9.088 min
Delta R.T.: -0.007 min
Response: 1264632
Conc: 2.88 ng/ml



#45 AR-1268-5

R.T.: 11.053 min
Delta R.T.: -0.008 min
Response: 5079683
Conc: 0.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.391 min
Delta R.T.: -0.008 min
Response: 3154590
Conc: 0.95 ng/ml