

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052219\
 Data File : PQ040113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2019 23:07
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660331

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 04:33:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.609	4.742	47586262	29008385	14.526	13.506
2)	SA Decachlor...	11.923	10.461	263.5E6	155.3E6	36.889	37.357
Target Compounds							
3)	L1 AR-1016-1	7.057	6.186	46754758	33889668	279.479	264.190
4)	L1 AR-1016-2	7.081	6.207	75372861	53145257	286.696	275.346
5)	L1 AR-1016-3	7.151	6.422	48876417	30091198	286.366	279.011
6)	L1 AR-1016-4	7.265	6.475	37556148	24929324	271.705	292.773
7)	L1 AR-1016-5	7.598	6.727	43130483	33763219	310.907	293.236
8)	L2 AR-1221-1	5.888	5.043	3253147	2828260	92.834	115.407
9)	L2 AR-1221-2	6.001	5.161	4776637	3857262	216.805	236.820
10)	L2 AR-1221-3	6.098	5.265	22841688	15100691	258.563	248.339
11)	L3 AR-1232-1	6.098	5.265	22841688	15100691	352.670	329.542
12)	L3 AR-1232-2	6.740	6.207	35764379	53145257	902.056	885.954
13)	L3 AR-1232-3	7.081	6.422	75372861	30091198	932.691	855.646
14)	L3 AR-1232-4	7.265	6.523	37556148	30757025	898.507	1040.908
15)	L3 AR-1232-5	7.369	6.727	30641710	33763219	966.845	1121.538
16)	L4 AR-1242-1	7.057	6.186	46754758	33889668	482.227	458.290
17)	L4 AR-1242-2	7.081	6.207	75372861	53145257	521.546	499.206
18)	L4 AR-1242-3	7.151	6.422	48876417	30091198	525.042	498.823
19)	L4 AR-1242-4	7.265	6.523	37556148	30757025	499.347	516.054
20)	L4 AR-1242-5	8.085	7.134	12286336	38595033	141.721	478.916 #
21)	L5 AR-1248-1	7.057	6.186	46754758	33889668	604.048	588.124
22)	L5 AR-1248-2	7.369	6.475	30641710	24929324	272.051	283.547
23)	L5 AR-1248-3	7.598	6.523	43130483	30757025	312.478	339.919
24)	L5 AR-1248-4	8.044	6.727	14383288	33763219	95.273	305.745 #
25)	L5 AR-1248-5	8.085	7.181	12286336	10515128	81.605	92.615
26)	L6 AR-1254-1	8.013	7.134	41489103	38595033	237.904	201.503
27)	L6 AR-1254-2	8.250	7.302	39751540	29098032	143.739	167.490
28)	L6 AR-1254-3	8.645	7.763	18159180	56469152	61.186	195.407 #
29)	L6 AR-1254-4	8.945	7.999	13879979	4191514	66.786	23.476 #
30)	L6 AR-1254-5	9.384	8.441	155.0E6	120.3E6	538.200	467.022
31)	L7 AR-1260-1	8.816	7.888	112.1E6	89153733	337.100	325.215
32)	L7 AR-1260-2	9.086	8.092	128.8E6	111.3E6	318.925	321.685
33)	L7 AR-1260-3	9.459	8.256	113.2E6	104.4E6	343.053	325.528
34)	L7 AR-1260-4	9.697	8.752	126.0E6	91189915	341.978	335.603
35)	L7 AR-1260-5	10.037	9.005	258.4E6	223.7E6	335.542	332.768
36)	L8 AR-1262-1	9.518	8.536	60973786	50500861	438.618	444.759
37)	L8 AR-1262-2	10.037	9.005	258.4E6	223.7E6	446.460	450.841
38)	L8 AR-1262-3	10.362	9.295	58776600	49119122	139.012	233.621 #
39)	L8 AR-1262-4	10.442	9.363	135.5E6	171.1E6	358.868	451.945 #
40)	L8 AR-1262-5	11.150	9.884	84514823	57517569	359.699	354.758
41)	L9 AR-1268-1	10.362	9.295	58776600	49119122	97.575	107.638

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052219\
 Data File : PQ040113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2019 23:07
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

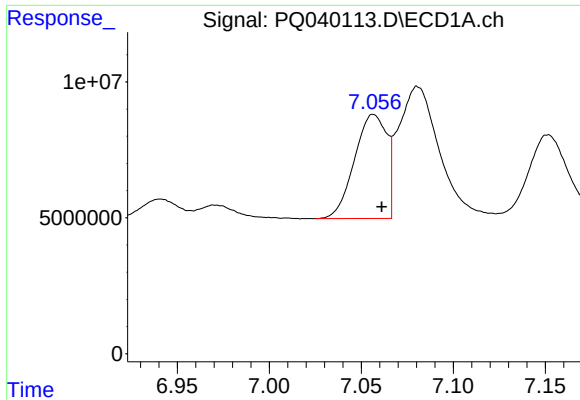
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660331

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 04:33:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	10.442	9.363	135.5E6	171.1E6	220.282	391.408 #
43) L9	AR-1268-3	10.694	9.571	6360512	3644504	11.710	9.708
44) L9	AR-1268-4	11.150	9.884	84514823	57517569	414.363	417.446
45) L9	AR-1268-5	11.578	10.193	27309681	16950599	14.779	14.362

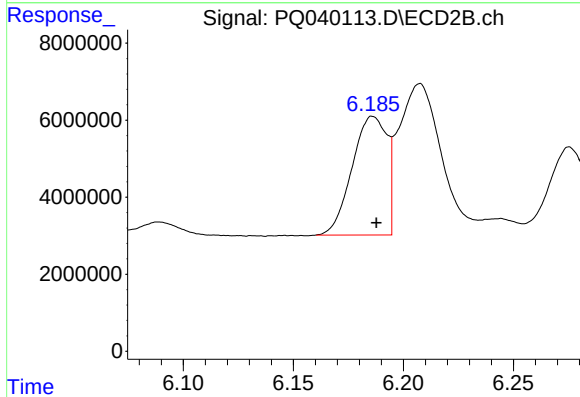
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

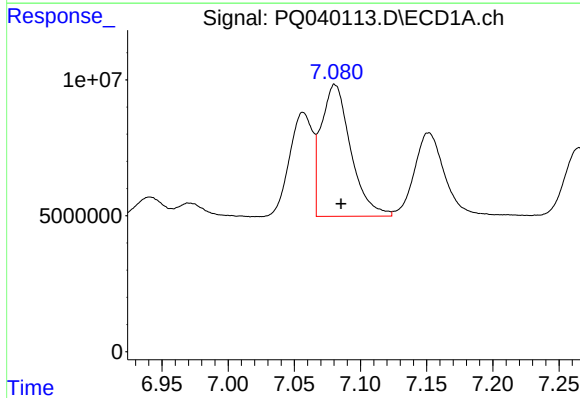
R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 46754758
Conc: 279.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



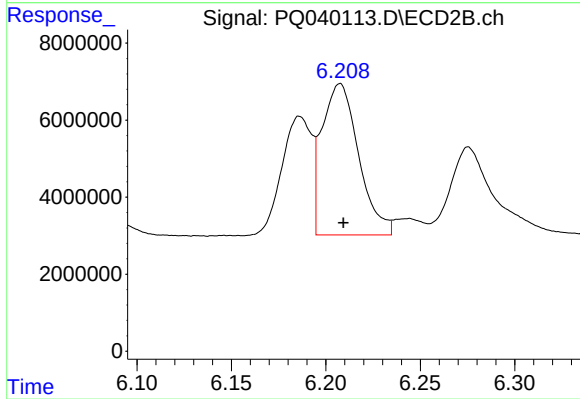
#3 AR-1016-1

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 33889668
Conc: 264.19 ng/ml



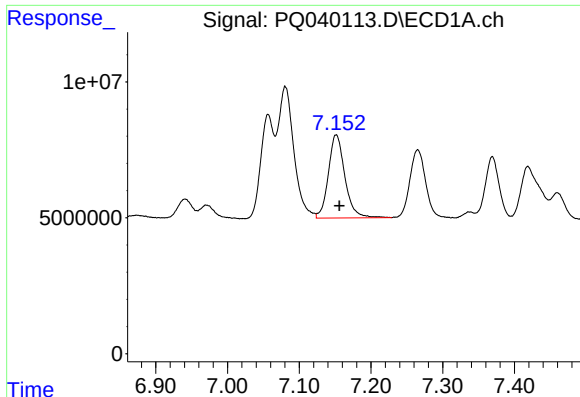
#4 AR-1016-2

R.T.: 7.081 min
Delta R.T.: -0.005 min
Response: 75372861
Conc: 286.70 ng/ml



#4 AR-1016-2

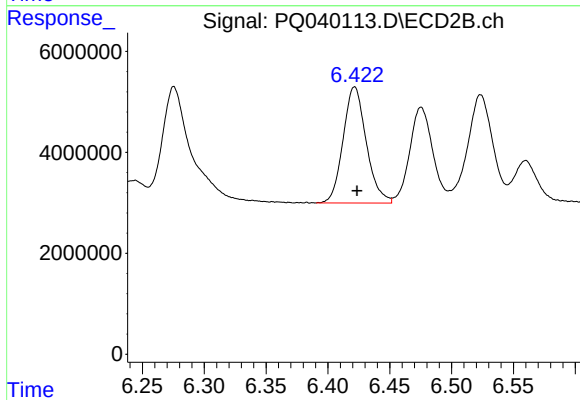
R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 53145257
Conc: 275.35 ng/ml



#5 AR-1016-3

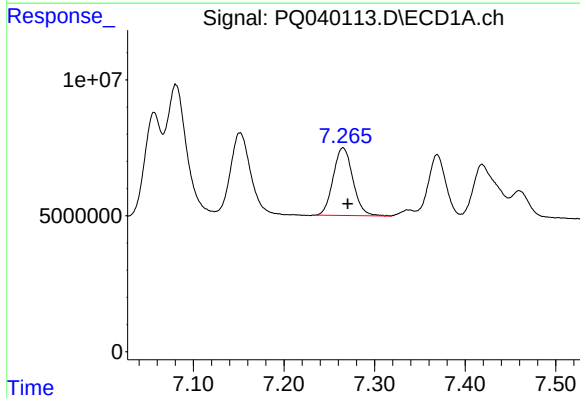
R.T.: 7.151 min
Delta R.T.: -0.004 min
Response: 48876417
Conc: 286.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



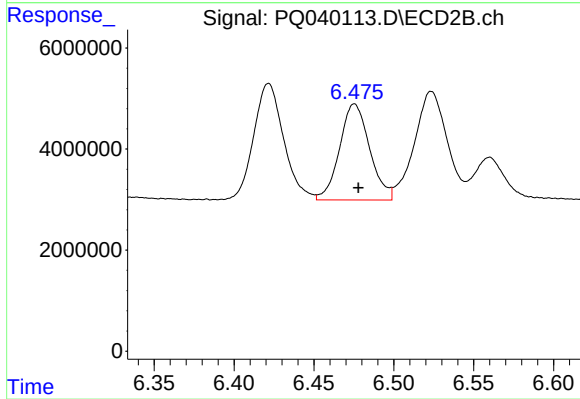
#5 AR-1016-3

R.T.: 6.422 min
Delta R.T.: -0.002 min
Response: 30091198
Conc: 279.01 ng/ml



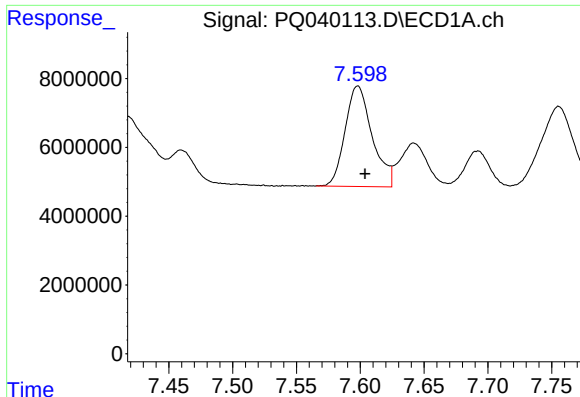
#6 AR-1016-4

R.T.: 7.265 min
Delta R.T.: -0.005 min
Response: 37556148
Conc: 271.71 ng/ml



#6 AR-1016-4

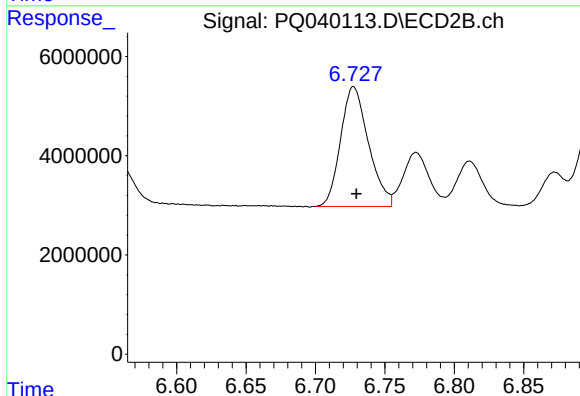
R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 24929324
Conc: 292.77 ng/ml



#7 AR-1016-5

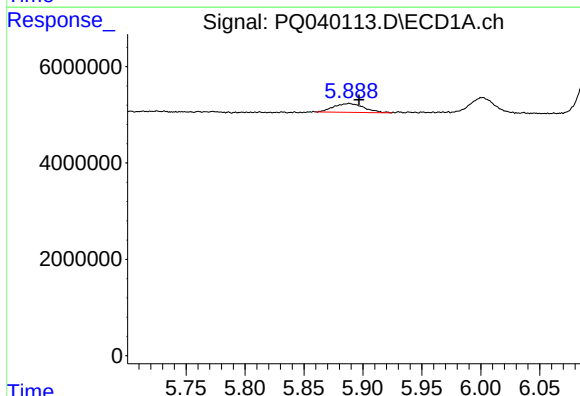
R.T.: 7.598 min
Delta R.T.: -0.006 min
Response: 43130483
Conc: 310.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



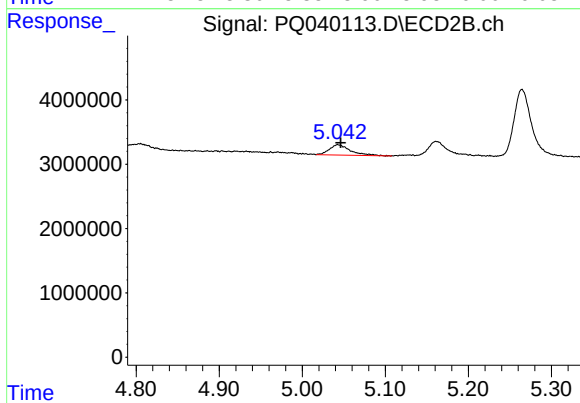
#7 AR-1016-5

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 33763219
Conc: 293.24 ng/ml



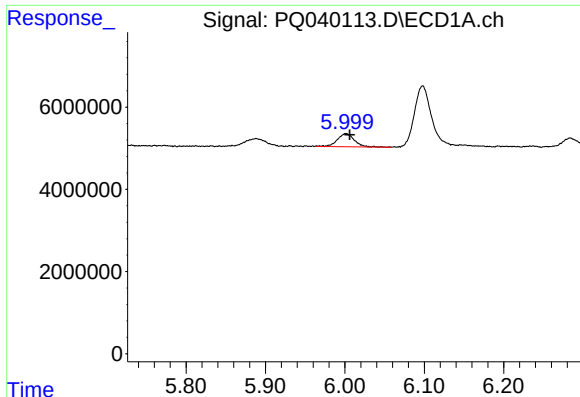
#8 AR-1221-1

R.T.: 5.888 min
Delta R.T.: -0.008 min
Response: 3253147
Conc: 92.83 ng/ml



#8 AR-1221-1

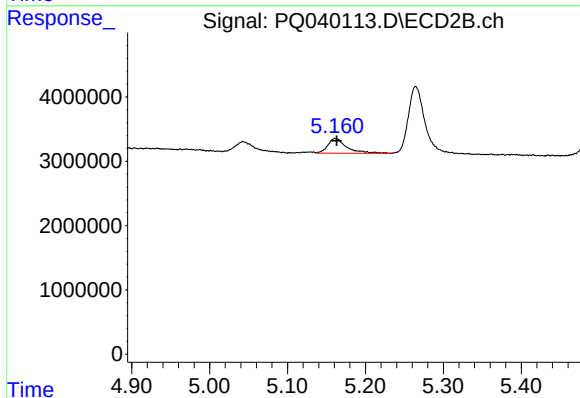
R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 2828260
Conc: 115.41 ng/ml



#9 AR-1221-2

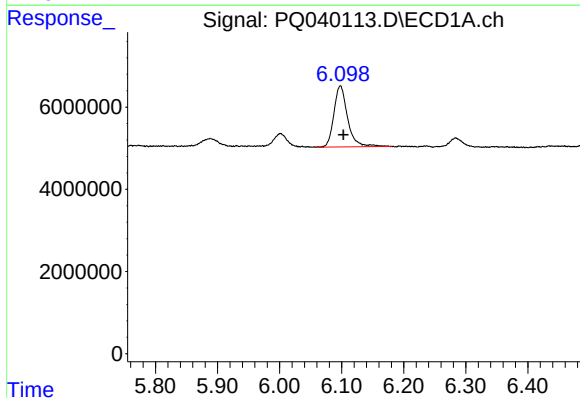
R.T.: 6.001 min
Delta R.T.: -0.005 min
Response: 4776637
Conc: 216.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



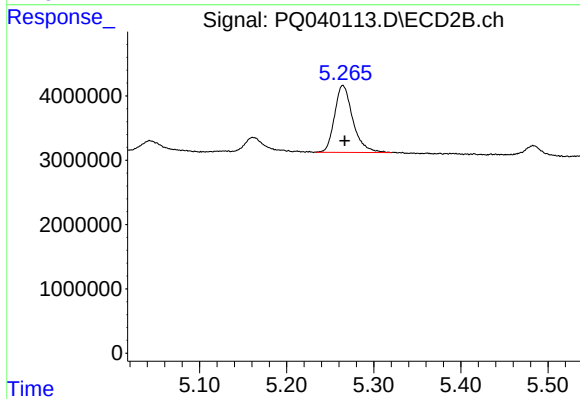
#9 AR-1221-2

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 3857262
Conc: 236.82 ng/ml



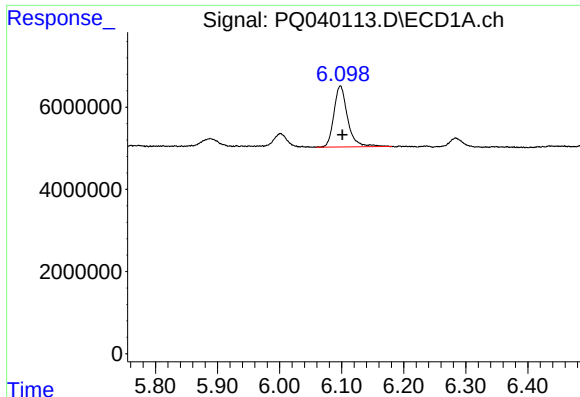
#10 AR-1221-3

R.T.: 6.098 min
Delta R.T.: -0.005 min
Response: 22841688
Conc: 258.56 ng/ml



#10 AR-1221-3

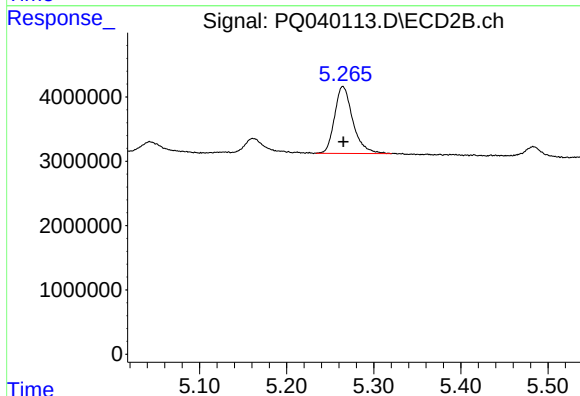
R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 15100691
Conc: 248.34 ng/ml



#11 AR-1232-1

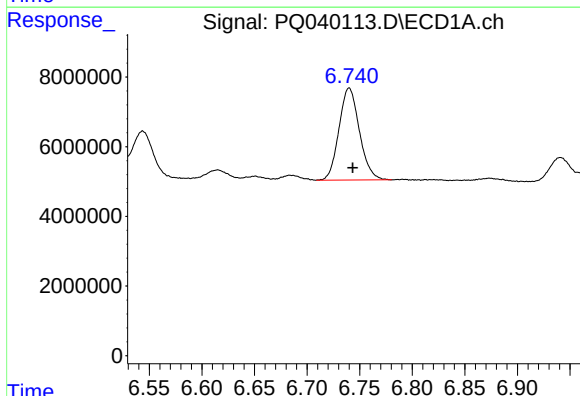
R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 22841688
Conc: 352.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



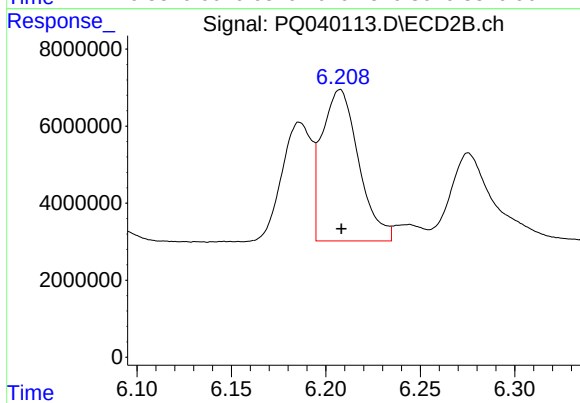
#11 AR-1232-1

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 15100691
Conc: 329.54 ng/ml



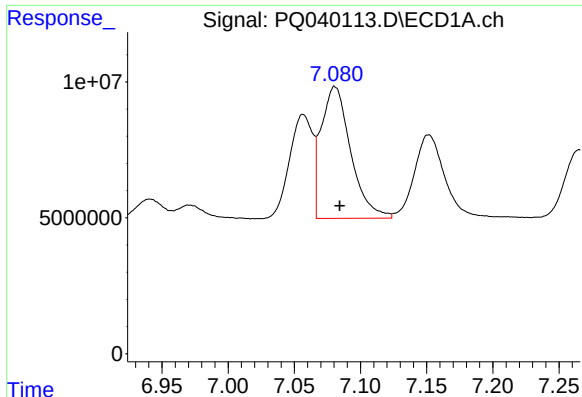
#12 AR-1232-2

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 35764379
Conc: 902.06 ng/ml



#12 AR-1232-2

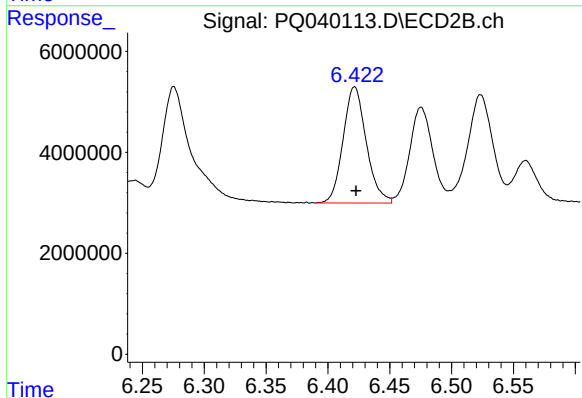
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 53145257
Conc: 885.95 ng/ml



#13 AR-1232-3

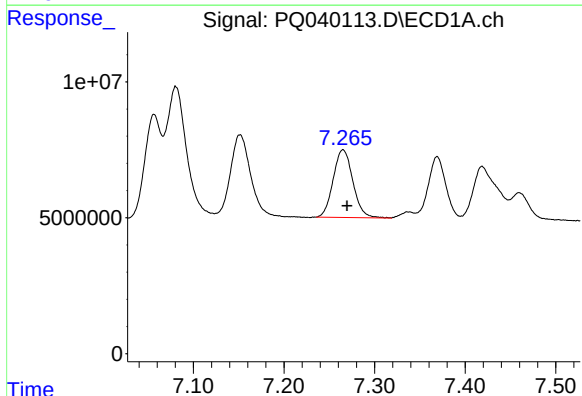
R.T.: 7.081 min
Delta R.T.: -0.004 min
Response: 75372861
Conc: 932.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



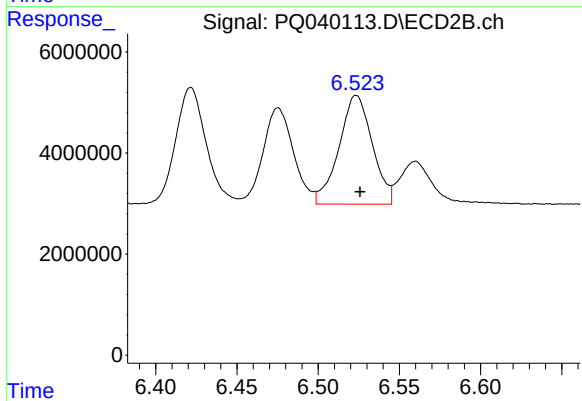
#13 AR-1232-3

R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 30091198
Conc: 855.65 ng/ml



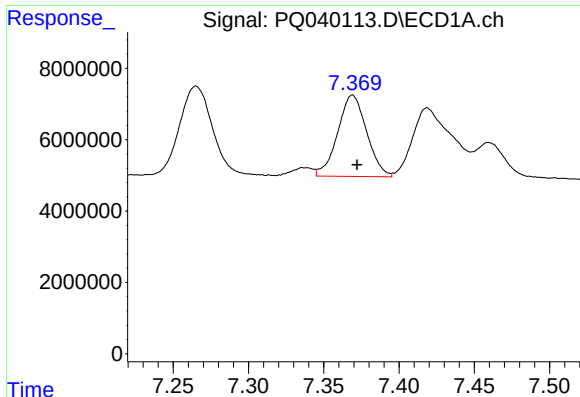
#14 AR-1232-4

R.T.: 7.265 min
Delta R.T.: -0.005 min
Response: 37556148
Conc: 898.51 ng/ml



#14 AR-1232-4

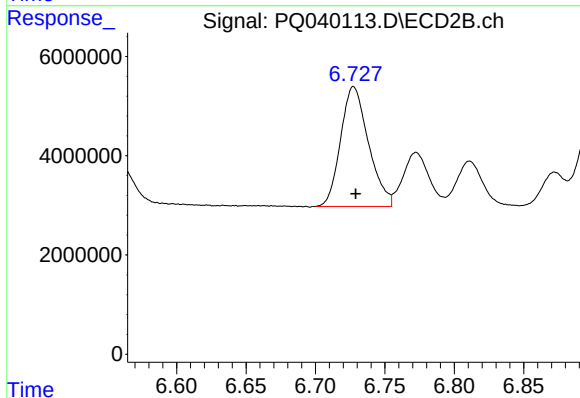
R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 30757025
Conc: 1040.91 ng/ml



#15 AR-1232-5

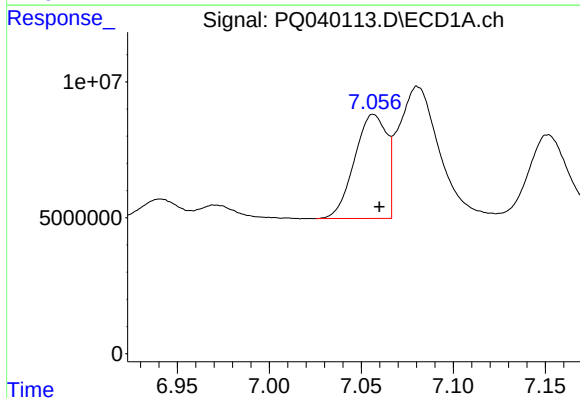
R.T.: 7.369 min
Delta R.T.: -0.003 min
Response: 30641710
Conc: 966.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



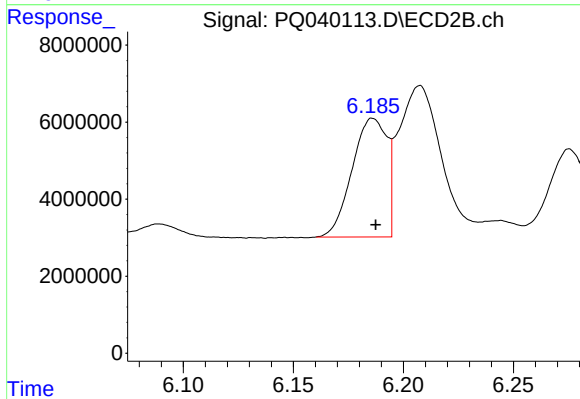
#15 AR-1232-5

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 33763219
Conc: 1121.54 ng/ml



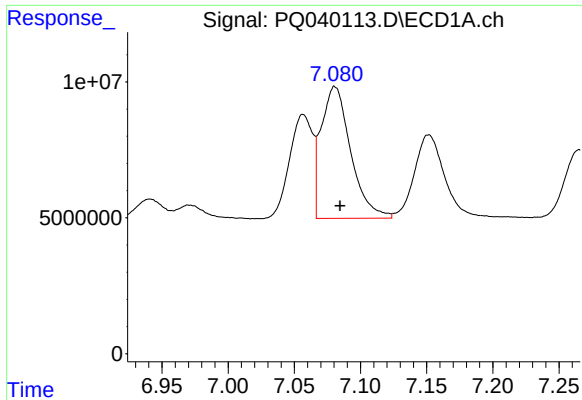
#16 AR-1242-1

R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 46754758
Conc: 482.23 ng/ml



#16 AR-1242-1

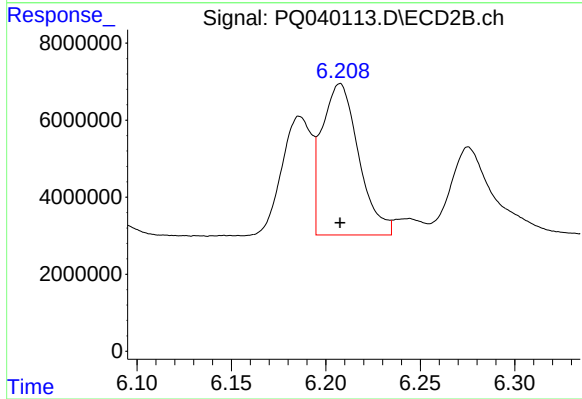
R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 33889668
Conc: 458.29 ng/ml



#17 AR-1242-2

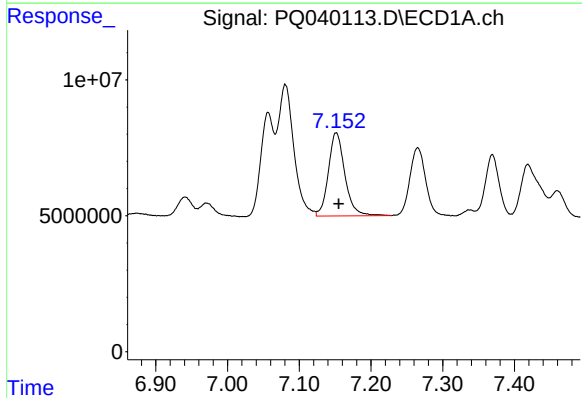
R.T.: 7.081 min
Delta R.T.: -0.004 min
Response: 75372861
Conc: 521.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



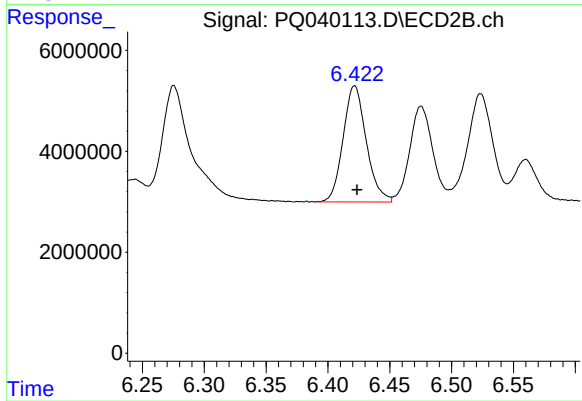
#17 AR-1242-2

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 53145257
Conc: 499.21 ng/ml



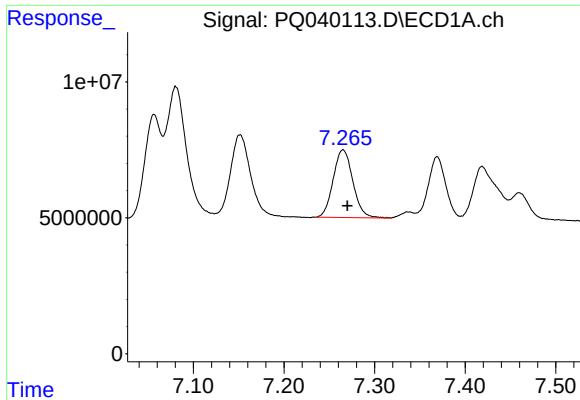
#18 AR-1242-3

R.T.: 7.151 min
Delta R.T.: -0.004 min
Response: 48876417
Conc: 525.04 ng/ml



#18 AR-1242-3

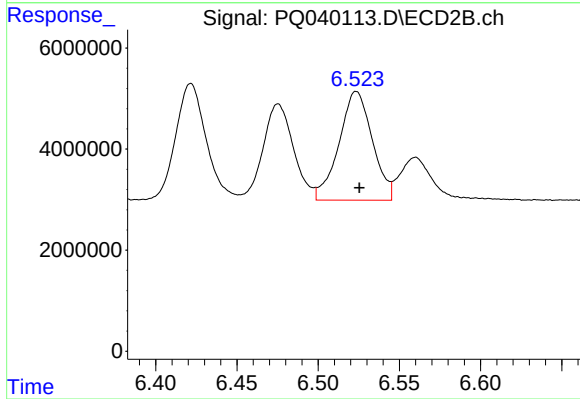
R.T.: 6.422 min
Delta R.T.: -0.002 min
Response: 30091198
Conc: 498.82 ng/ml



#19 AR-1242-4

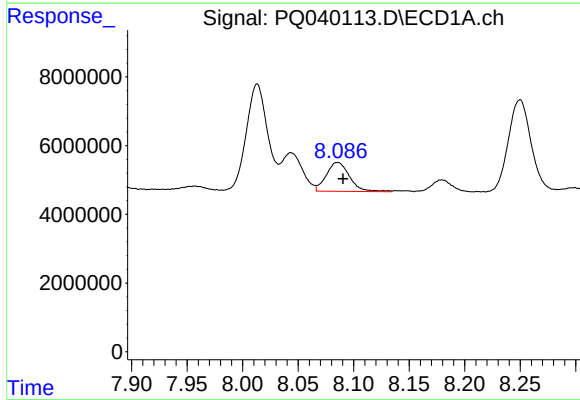
R.T.: 7.265 min
Delta R.T.: -0.005 min
Response: 37556148
Conc: 499.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



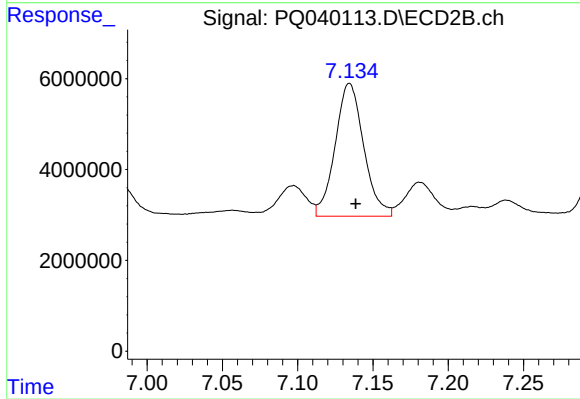
#19 AR-1242-4

R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 30757025
Conc: 516.05 ng/ml



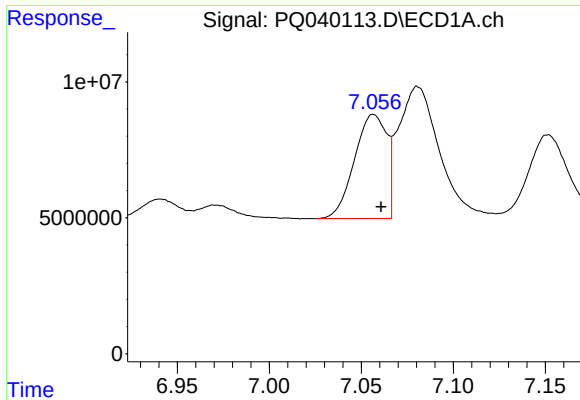
#20 AR-1242-5

R.T.: 8.085 min
Delta R.T.: -0.005 min
Response: 12286336
Conc: 141.72 ng/ml



#20 AR-1242-5

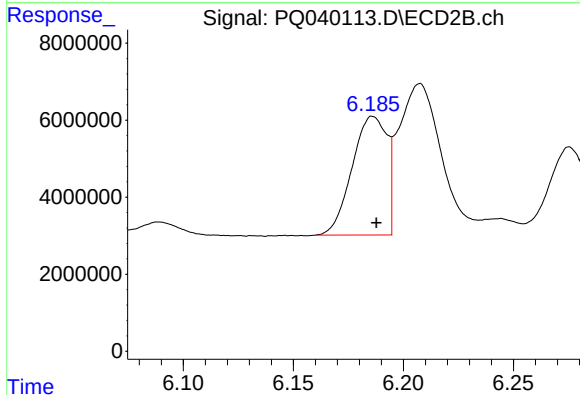
R.T.: 7.134 min
Delta R.T.: -0.004 min
Response: 38595033
Conc: 478.92 ng/ml



#21 AR-1248-1

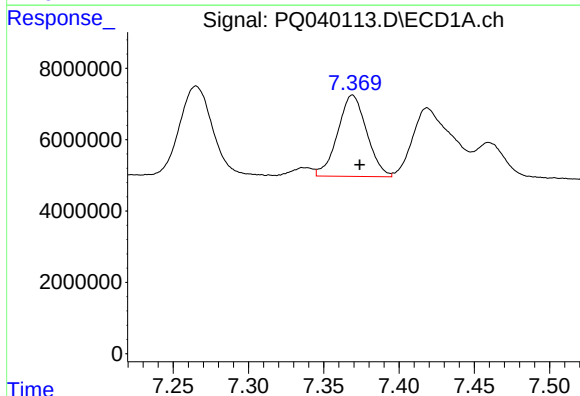
R.T.: 7.057 min
Delta R.T.: -0.004 min
Response: 46754758
Conc: 604.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



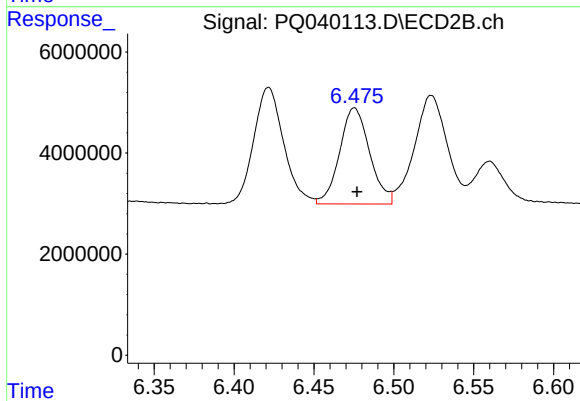
#21 AR-1248-1

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 33889668
Conc: 588.12 ng/ml



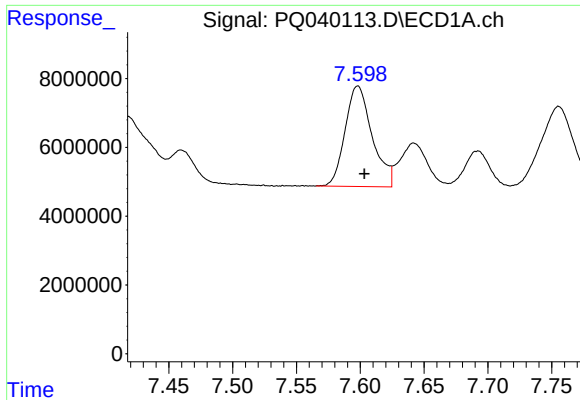
#22 AR-1248-2

R.T.: 7.369 min
Delta R.T.: -0.005 min
Response: 30641710
Conc: 272.05 ng/ml



#22 AR-1248-2

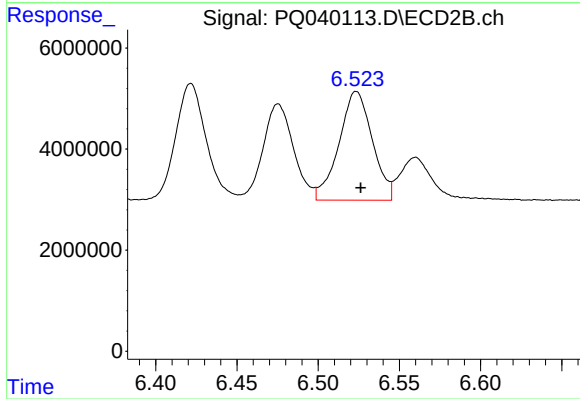
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 24929324
Conc: 283.55 ng/ml



#23 AR-1248-3

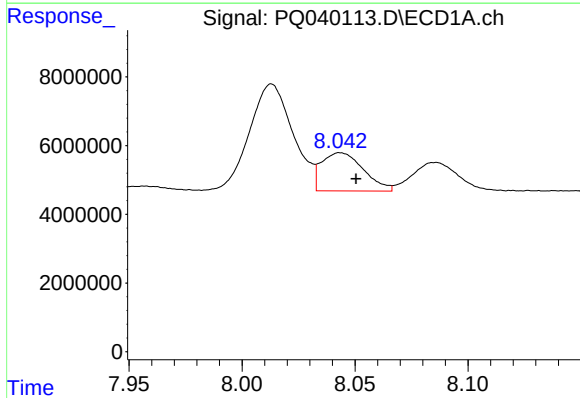
R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 43130483
Conc: 312.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



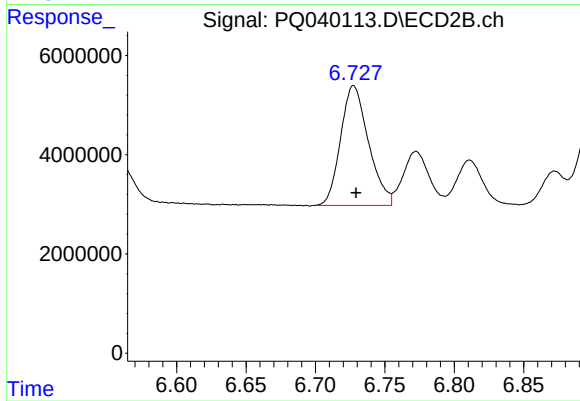
#23 AR-1248-3

R.T.: 6.523 min
Delta R.T.: -0.003 min
Response: 30757025
Conc: 339.92 ng/ml



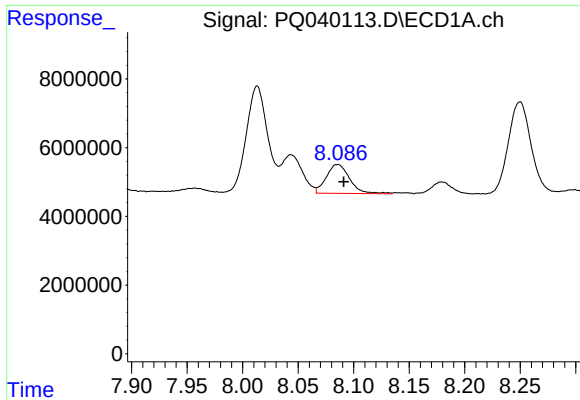
#24 AR-1248-4

R.T.: 8.044 min
Delta R.T.: -0.007 min
Response: 14383288
Conc: 95.27 ng/ml



#24 AR-1248-4

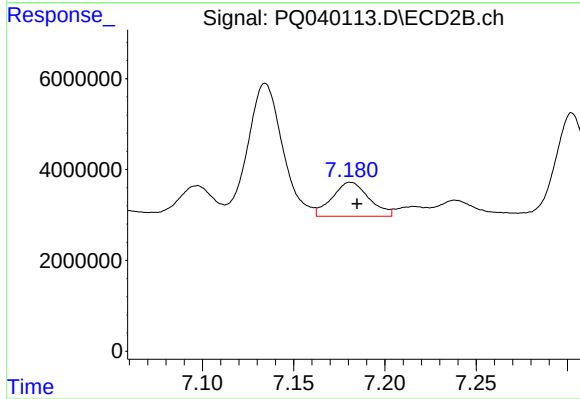
R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 33763219
Conc: 305.74 ng/ml



#25 AR-1248-5

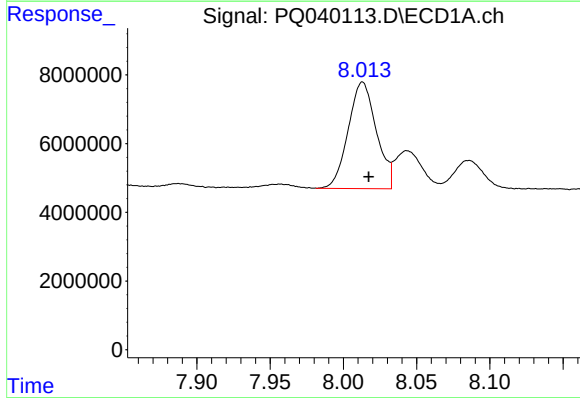
R.T.: 8.085 min
Delta R.T.: -0.005 min
Response: 12286336
Conc: 81.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



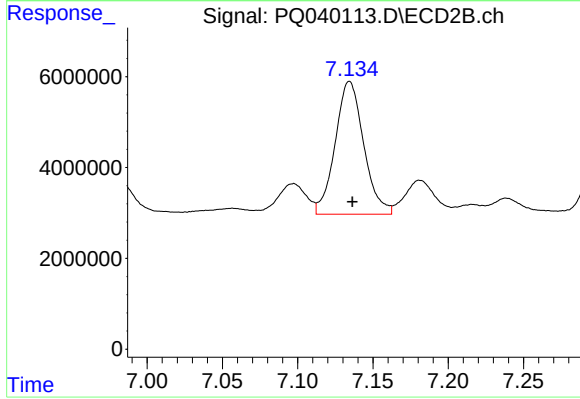
#25 AR-1248-5

R.T.: 7.181 min
Delta R.T.: -0.004 min
Response: 10515128
Conc: 92.62 ng/ml



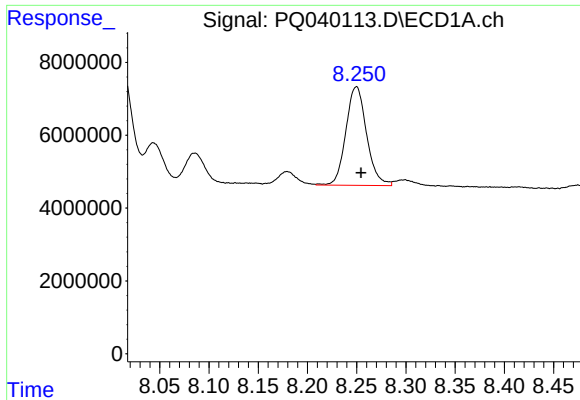
#26 AR-1254-1

R.T.: 8.013 min
Delta R.T.: -0.004 min
Response: 41489103
Conc: 237.90 ng/ml



#26 AR-1254-1

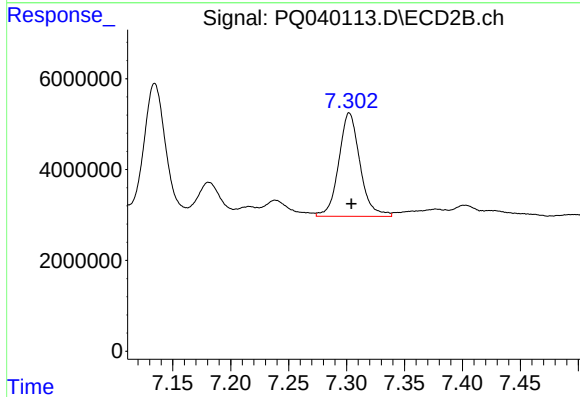
R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 38595033
Conc: 201.50 ng/ml



#27 AR-1254-2

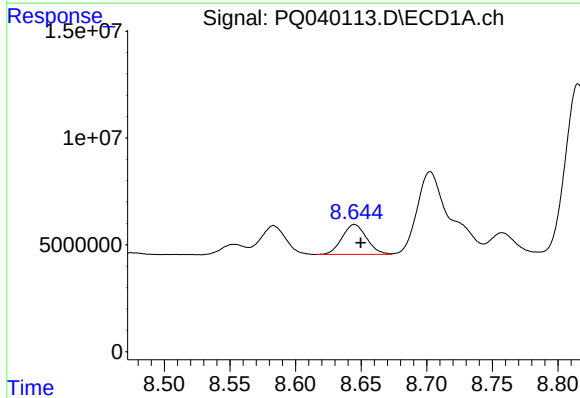
R.T.: 8.250 min
Delta R.T.: -0.005 min
Response: 39751540
Conc: 143.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



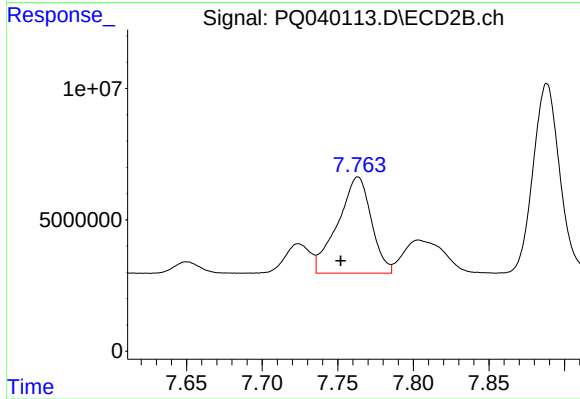
#27 AR-1254-2

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 29098032
Conc: 167.49 ng/ml



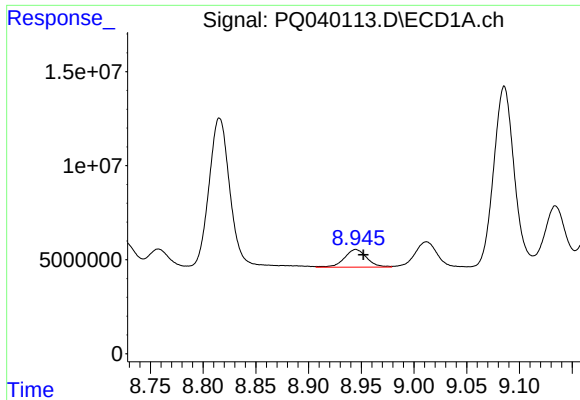
#28 AR-1254-3

R.T.: 8.645 min
Delta R.T.: -0.005 min
Response: 18159180
Conc: 61.19 ng/ml



#28 AR-1254-3

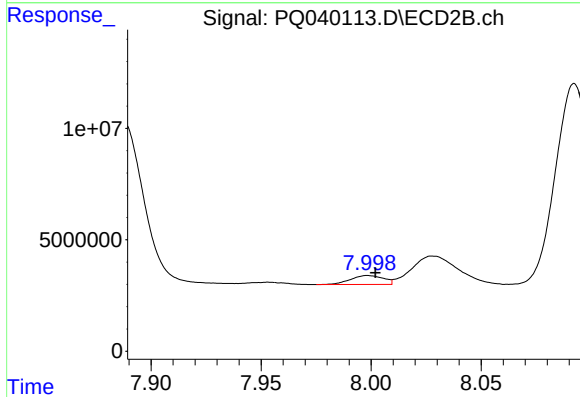
R.T.: 7.763 min
Delta R.T.: 0.011 min
Response: 56469152
Conc: 195.41 ng/ml



#29 AR-1254-4

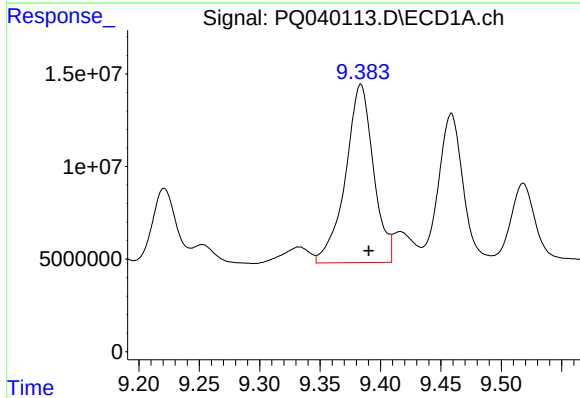
R.T.: 8.945 min
Delta R.T.: -0.007 min
Response: 13879979
Conc: 66.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



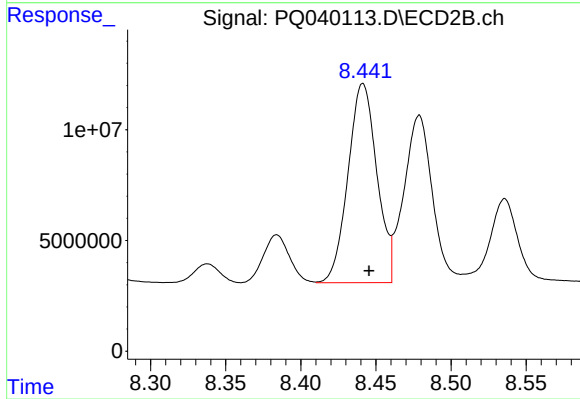
#29 AR-1254-4

R.T.: 7.999 min
Delta R.T.: -0.003 min
Response: 4191514
Conc: 23.48 ng/ml



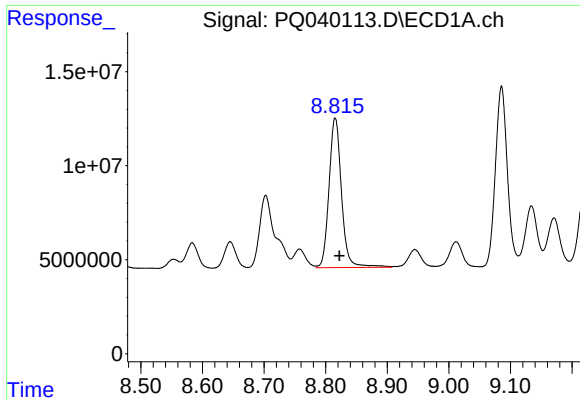
#30 AR-1254-5

R.T.: 9.384 min
Delta R.T.: -0.006 min
Response: 154998176
Conc: 538.20 ng/ml



#30 AR-1254-5

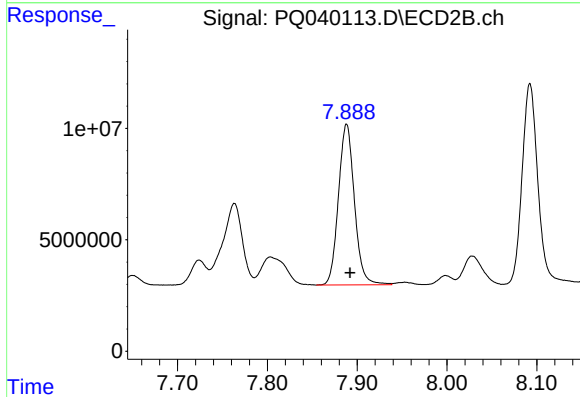
R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 120318883
Conc: 467.02 ng/ml



#31 AR-1260-1

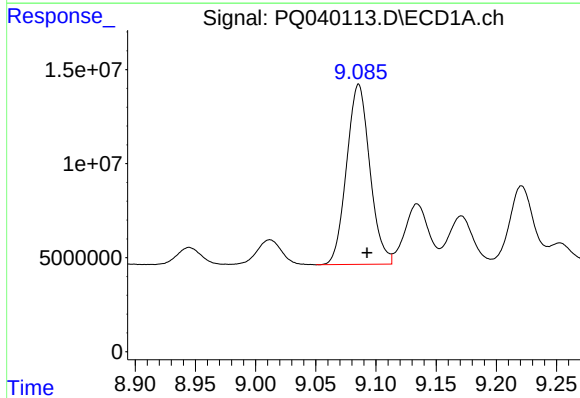
R.T.: 8.816 min
Delta R.T.: -0.007 min
Response: 112055221
Conc: 337.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



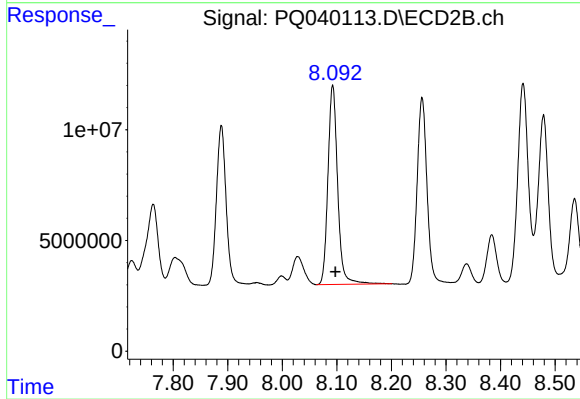
#31 AR-1260-1

R.T.: 7.888 min
Delta R.T.: -0.004 min
Response: 89153733
Conc: 325.21 ng/ml



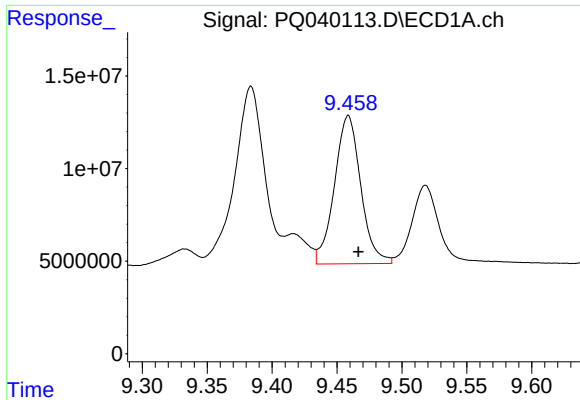
#32 AR-1260-2

R.T.: 9.086 min
Delta R.T.: -0.007 min
Response: 128835220
Conc: 318.92 ng/ml



#32 AR-1260-2

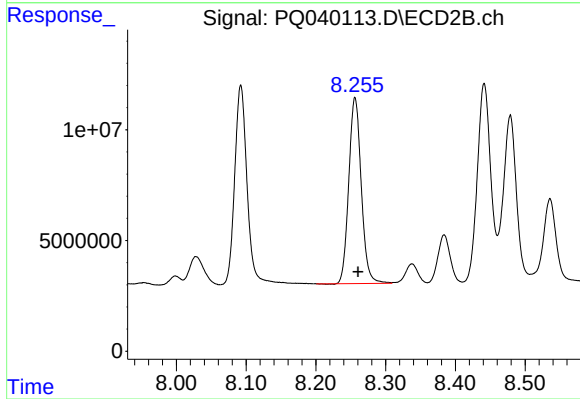
R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 111276211
Conc: 321.69 ng/ml



#33 AR-1260-3

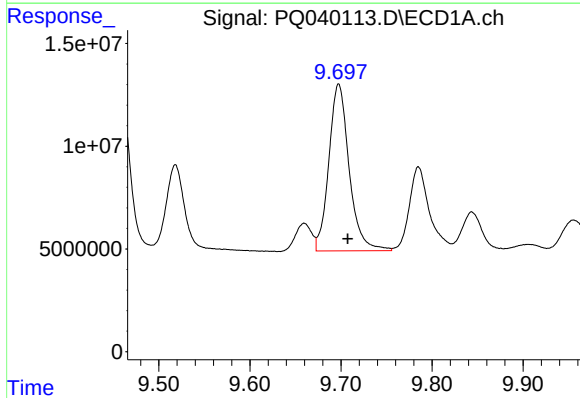
R.T.: 9.459 min
Delta R.T.: -0.008 min
Response: 113168992
Conc: 343.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



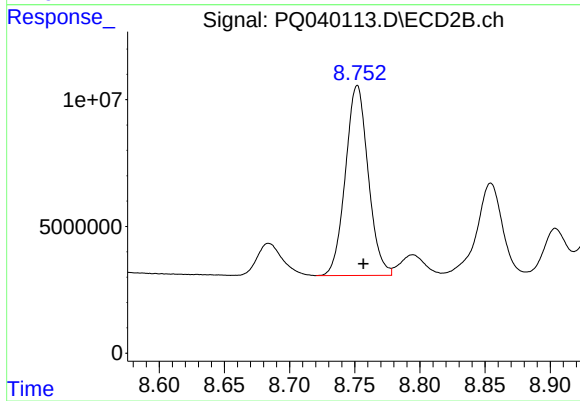
#33 AR-1260-3

R.T.: 8.256 min
Delta R.T.: -0.004 min
Response: 104398470
Conc: 325.53 ng/ml



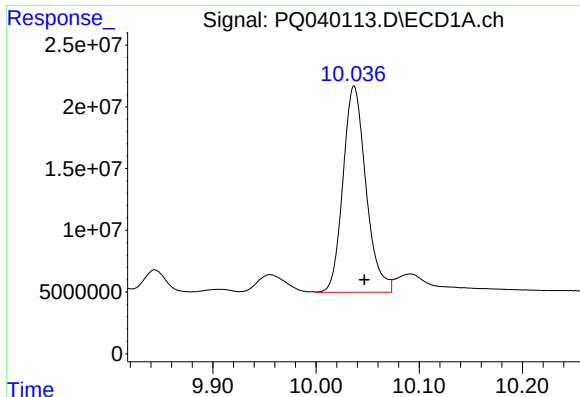
#34 AR-1260-4

R.T.: 9.697 min
Delta R.T.: -0.010 min
Response: 126030249
Conc: 341.98 ng/ml



#34 AR-1260-4

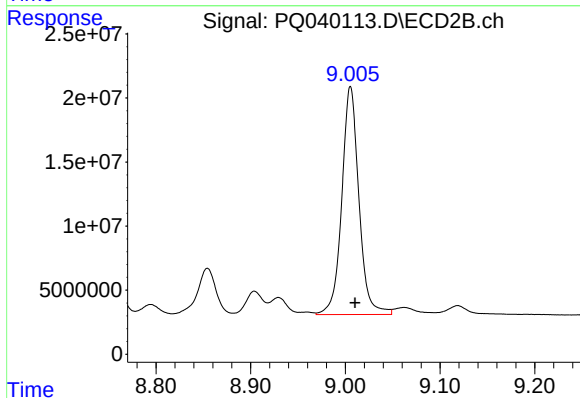
R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 91189915
Conc: 335.60 ng/ml



#35 AR-1260-5

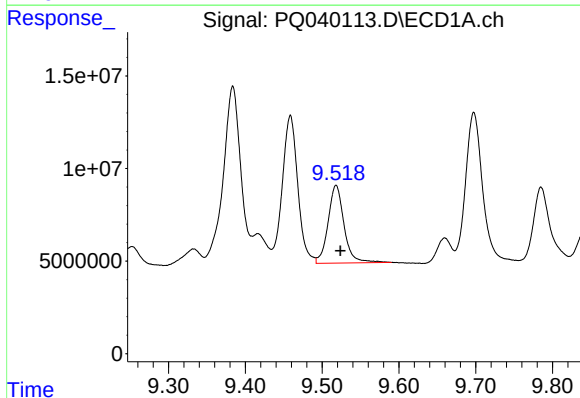
R.T.: 10.037 min
Delta R.T.: -0.010 min
Response: 258389074
Conc: 335.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



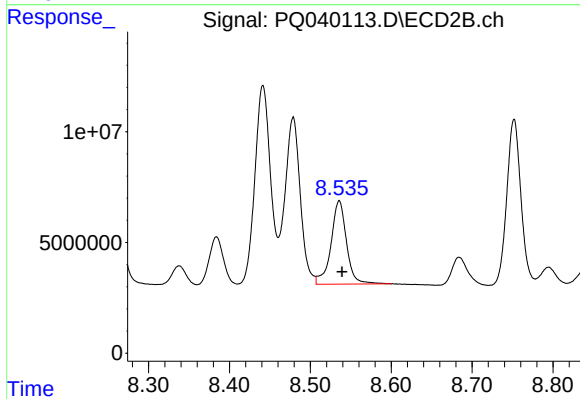
#35 AR-1260-5

R.T.: 9.005 min
Delta R.T.: -0.005 min
Response: 223680182
Conc: 332.77 ng/ml



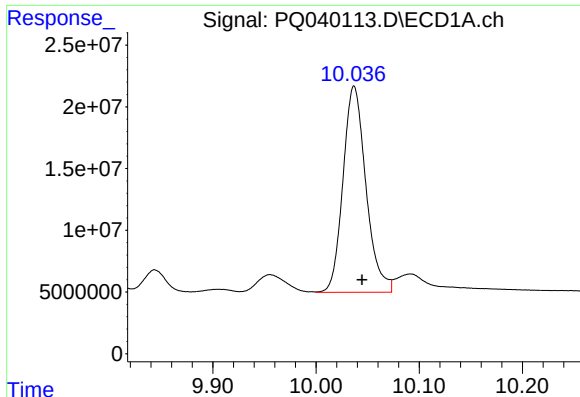
#36 AR-1262-1

R.T.: 9.518 min
Delta R.T.: -0.006 min
Response: 60973786
Conc: 438.62 ng/ml



#36 AR-1262-1

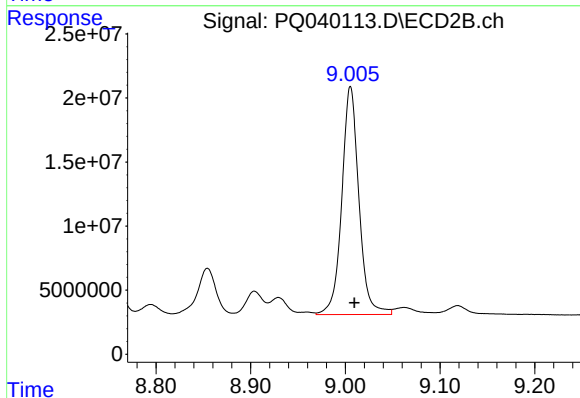
R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 50500861
Conc: 444.76 ng/ml



#37 AR-1262-2

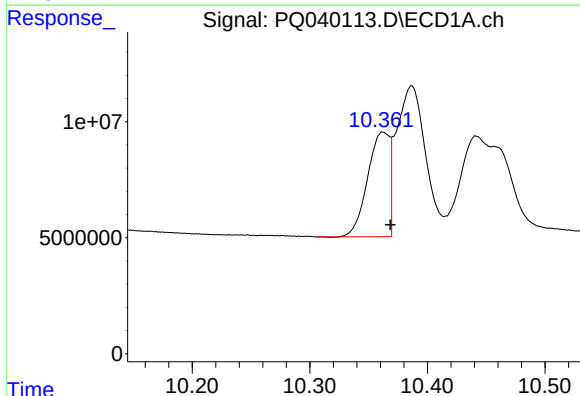
R.T.: 10.037 min
Delta R.T.: -0.008 min
Response: 258389074
Conc: 446.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



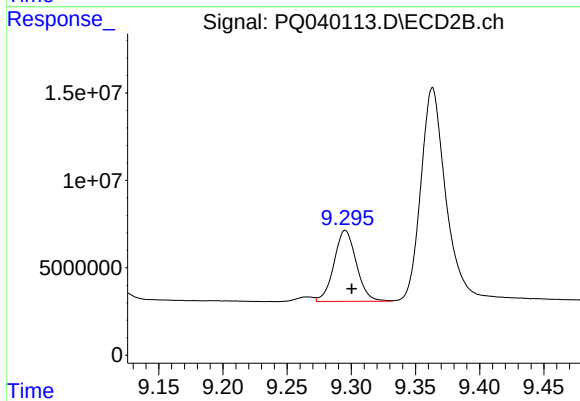
#37 AR-1262-2

R.T.: 9.005 min
Delta R.T.: -0.004 min
Response: 223680182
Conc: 450.84 ng/ml



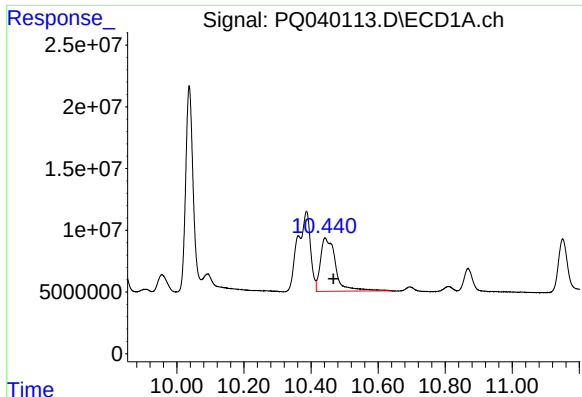
#38 AR-1262-3

R.T.: 10.362 min
Delta R.T.: -0.006 min
Response: 58776600
Conc: 139.01 ng/ml



#38 AR-1262-3

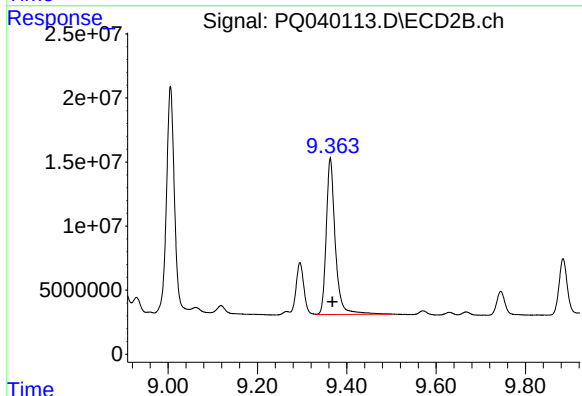
R.T.: 9.295 min
Delta R.T.: -0.005 min
Response: 49119122
Conc: 233.62 ng/ml



#39 AR-1262-4

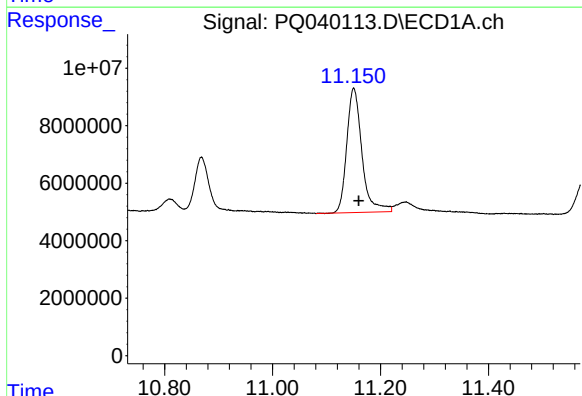
R.T.: 10.442 min
Delta R.T.: -0.026 min
Response: 135543304
Conc: 358.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



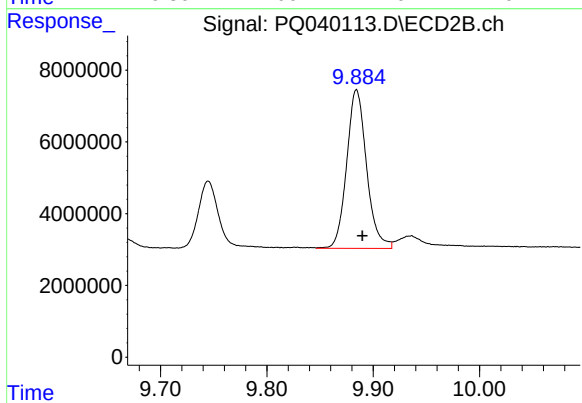
#39 AR-1262-4

R.T.: 9.363 min
Delta R.T.: -0.005 min
Response: 171117774
Conc: 451.94 ng/ml



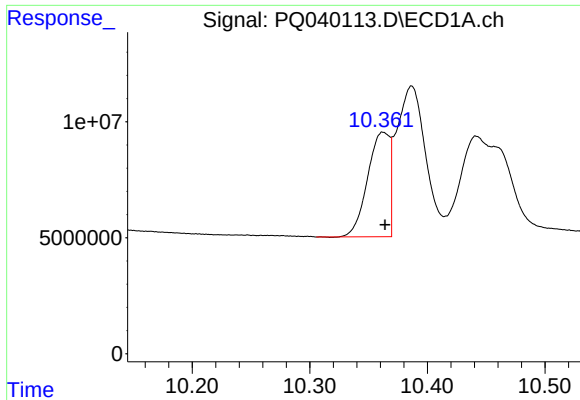
#40 AR-1262-5

R.T.: 11.150 min
Delta R.T.: -0.009 min
Response: 84514823
Conc: 359.70 ng/ml



#40 AR-1262-5

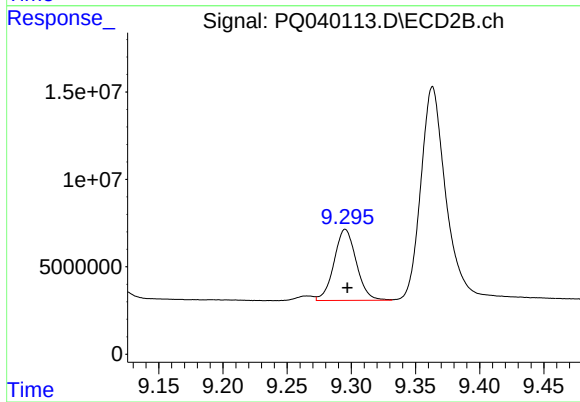
R.T.: 9.884 min
Delta R.T.: -0.005 min
Response: 57517569
Conc: 354.76 ng/ml



#41 AR-1268-1

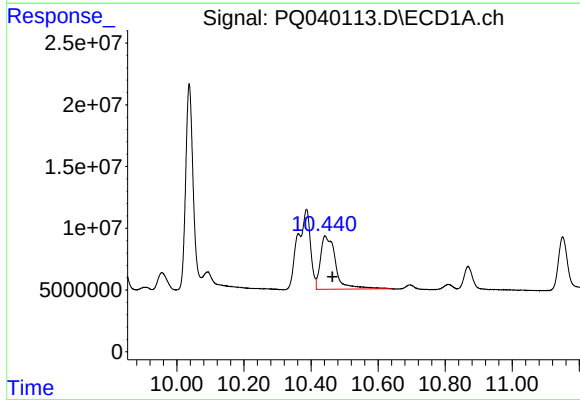
R.T.: 10.362 min
Delta R.T.: -0.002 min
Response: 58776600
Conc: 97.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



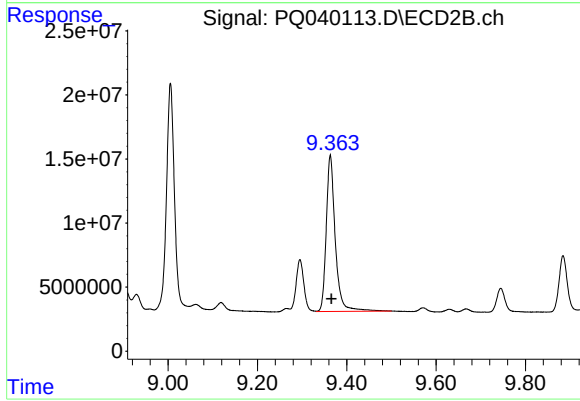
#41 AR-1268-1

R.T.: 9.295 min
Delta R.T.: -0.002 min
Response: 49119122
Conc: 107.64 ng/ml



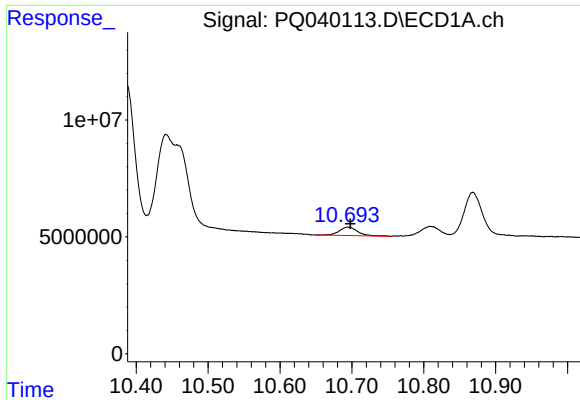
#42 AR-1268-2

R.T.: 10.442 min
Delta R.T.: -0.022 min
Response: 135543304
Conc: 220.28 ng/ml



#42 AR-1268-2

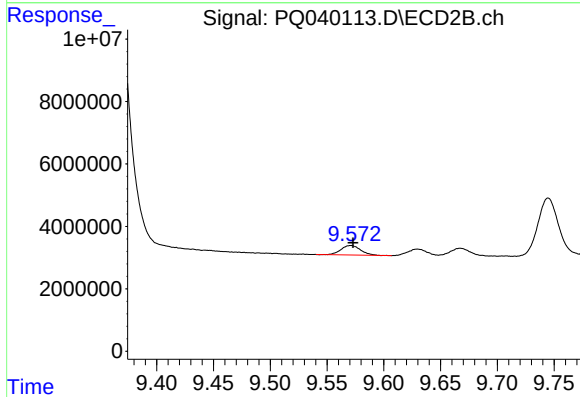
R.T.: 9.363 min
Delta R.T.: -0.002 min
Response: 171117774
Conc: 391.41 ng/ml



#43 AR-1268-3

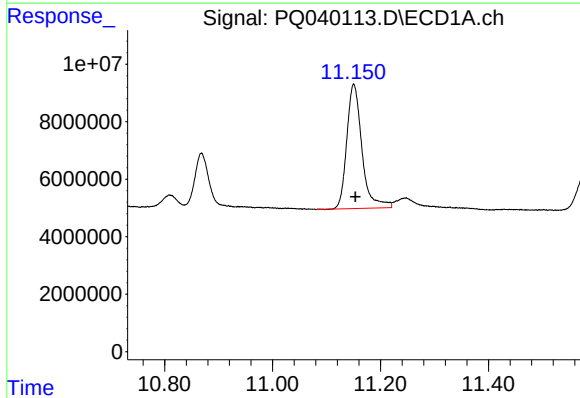
R.T.: 10.694 min
Delta R.T.: -0.004 min
Response: 6360512
Conc: 11.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



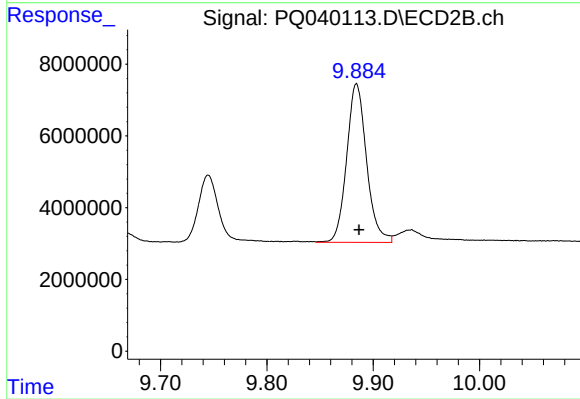
#43 AR-1268-3

R.T.: 9.571 min
Delta R.T.: -0.002 min
Response: 3644504
Conc: 9.71 ng/ml



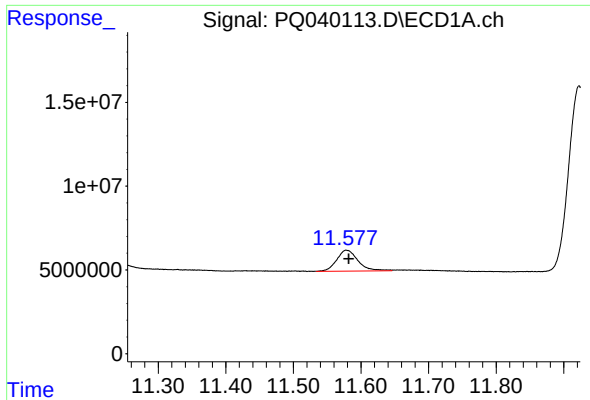
#44 AR-1268-4

R.T.: 11.150 min
Delta R.T.: -0.003 min
Response: 84514823
Conc: 414.36 ng/ml



#44 AR-1268-4

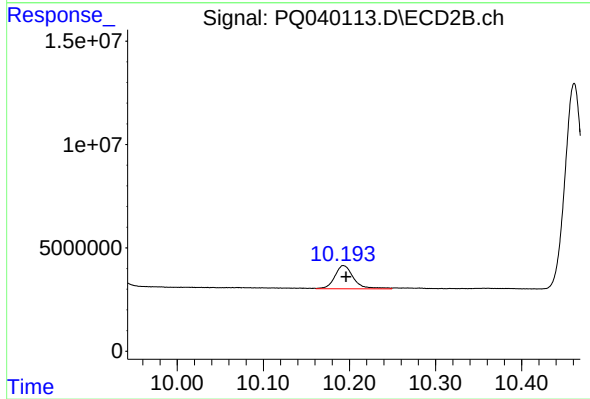
R.T.: 9.884 min
Delta R.T.: -0.002 min
Response: 57517569
Conc: 417.45 ng/ml



#45 AR-1268-5

R.T.: 11.578 min
Delta R.T.: -0.004 min
Response: 27309681
Conc: 14.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660331



#45 AR-1268-5

R.T.: 10.193 min
Delta R.T.: -0.003 min
Response: 16950599
Conc: 14.36 ng/ml