

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071819\
 Data File : PQ041305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2019 16:39
 Operator : SM\AJ
 Sample : K3830-07MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 RBR-200027MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 18:21:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 18 01:40:31 2019
 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...	5.711	4.766	87067040	66409131	20.815	20.313
2)	SA Decachlor...	12.128	10.539	151.5E6	58987709	17.974	17.902
Target Compounds							
3)	L1 AR-1016-1	7.157	6.221	39205126	32775208	226.560	225.136
4)	L1 AR-1016-2	7.182	6.244	57699578	43939336	234.226	222.078
5)	L1 AR-1016-3	7.253	6.458	34127704	23997046	231.034	226.921
6)	L1 AR-1016-4	7.366	6.512	28988069	19025959	232.402	224.243
7)	L1 AR-1016-5	7.700	6.765	31871667	23396497	259.330	226.113
9)	L2 AR-1221-2	0.000	5.192	0	3581072	N.D.	120.307 #
10)	L2 AR-1221-3	6.195	5.295	17560590	16132824	152.955	167.453
11)	L3 AR-1232-1	6.195	5.295	17560590	16132824	186.511	204.565
12)	L3 AR-1232-2	6.840	6.244	30956408	43939336	605.993	497.347
13)	L3 AR-1232-3	7.182	6.458	57699578	23997046	524.119	526.238
14)	L3 AR-1232-4	7.366	6.561	28988069	22434131	533.286	566.274
15)	L3 AR-1232-5	7.472	6.765	21488021	23396497	606.720	572.751
16)	L4 AR-1242-1	7.157	6.221	39205126	32775208	277.333	285.028
17)	L4 AR-1242-2	7.182	6.244	57699578	43939336	285.402	279.717
18)	L4 AR-1242-3	7.253	6.458	34127704	23997046	279.927	286.152
19)	L4 AR-1242-4	7.366	6.561	28988069	22434131	287.685	276.880
20)	L4 AR-1242-5	8.152	7.175	6389012	21673550	50.708	196.976 #
21)	L5 AR-1248-1	7.157	6.221	39205126	32775208	336.637	345.901
22)	L5 AR-1248-2	7.472	6.512	21488021	19025959	147.112	153.803
23)	L5 AR-1248-3	7.700	6.561	31871667	22434131	178.038	177.374
24)	L5 AR-1248-4	8.152	6.765	6389012	23396497	27.367	154.953 #
25)	L5 AR-1248-5	8.152	7.223	6389012	3754911	28.906	22.361
26)	L6 AR-1254-1	8.117	7.175	22337194	21673550	102.387	88.032
27)	L6 AR-1254-2	8.356	7.343	32268404	21817986	91.546	102.358
28)	L6 AR-1254-3	8.752	7.807	28622696	44606861	71.809	130.065 #
29)	L6 AR-1254-4	9.053	8.038	55611414	14570183	155.893	58.977 #
30)	L6 AR-1254-5	9.491	8.485	125.6E6	80728993	359.495	264.136 #
31)	L7 AR-1260-1	8.923	7.933	83187643	62089504	335.260	297.590
32)	L7 AR-1260-2	9.195	8.136	114.3E6	80393248	309.383	278.376
33)	L7 AR-1260-3	9.570	8.301	82162626	82633873	255.820	355.867 #
34)	L7 AR-1260-4	9.814	8.800	104.7E6	46307638	335.462	239.016 #
35)	L7 AR-1260-5	10.164	9.051	235.4E6	107.1E6	292.410	209.635 #
36)	L8 AR-1262-1	9.570	8.526	82162626	54191404	137.010	134.773
37)	L8 AR-1262-2	10.164	9.051	235.4E6	107.1E6	202.160	154.565
38)	L8 AR-1262-3	10.519	9.346	105.5E6	20318637	132.956	75.897 #
39)	L8 AR-1262-4	10.599	9.412	21675714	61051716	35.329	131.063 #
40)	L8 AR-1262-5	11.312	9.938	40778169	20984430	84.745	97.445
41)	L9 AR-1268-1	10.519	9.346	105.5E6	20318637	76.134	28.322 #
42)	L9 AR-1268-2	10.599	9.412	21675714	61051716	17.343	97.399 #
44)	L9 AR-1268-4	11.312	9.938	40778169	20984430	81.767	95.730

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071819\
 Data File : PQ041305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2019 16:39
 Operator : SM\AJ
 Sample : K3830-07MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

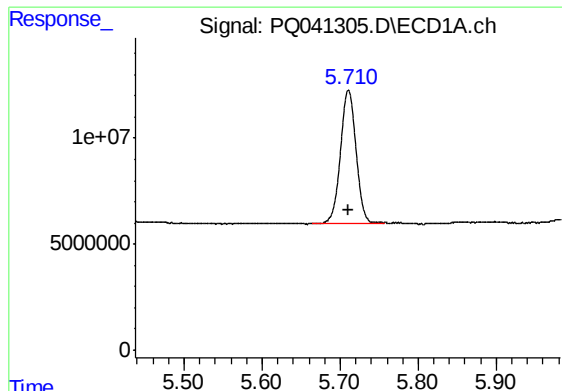
Instrument :
 ECD_Q
 ClientSampleId :
 RBR-200027MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 18:21:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071719.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
45) L9	AR-1268-5	11.762	10.257	13540253	6706345	3.645	4.754 #

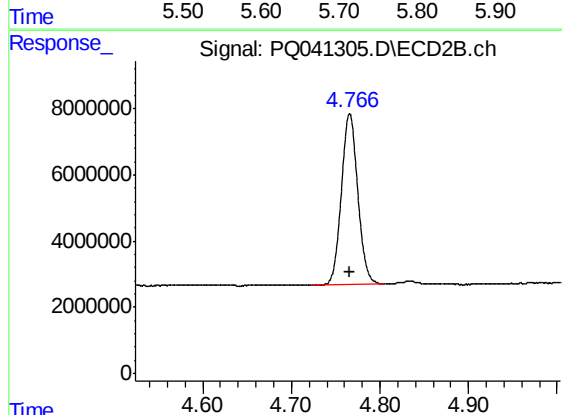
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

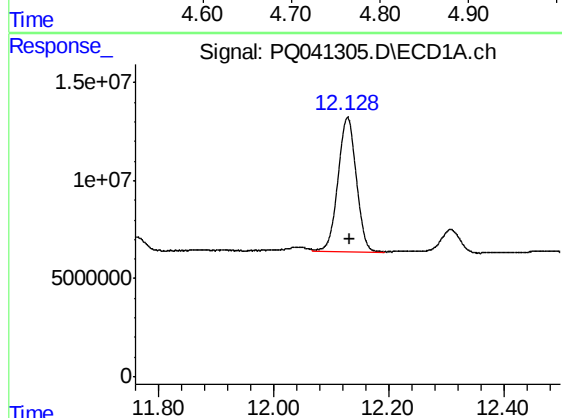
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 87067040
Conc: 20.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



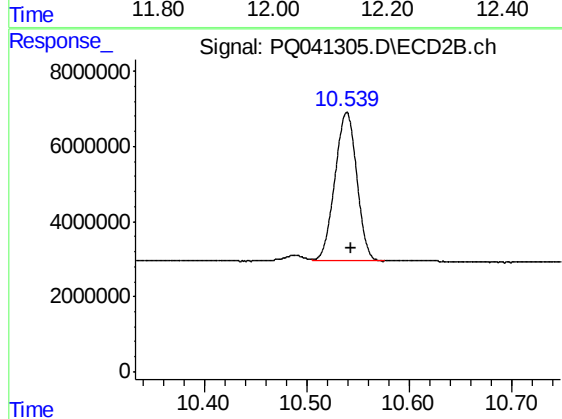
#1 Tetrachloro-m-xylene

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 66409131
Conc: 20.31 ng/ml



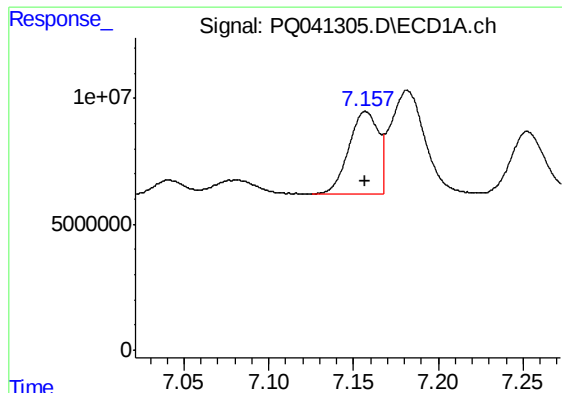
#2 Decachlorobiphenyl

R.T.: 12.128 min
Delta R.T.: -0.004 min
Response: 151547916
Conc: 17.97 ng/ml



#2 Decachlorobiphenyl

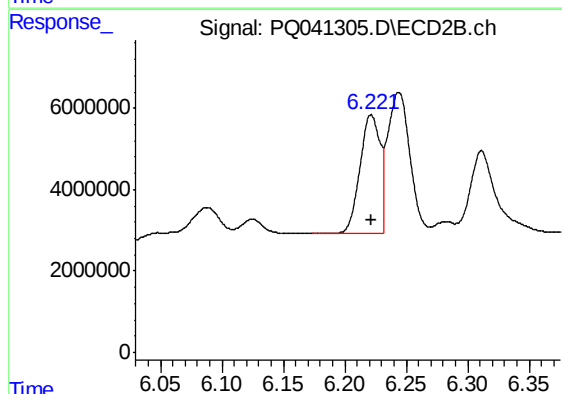
R.T.: 10.539 min
Delta R.T.: -0.005 min
Response: 58987709
Conc: 17.90 ng/ml



#3 AR-1016-1

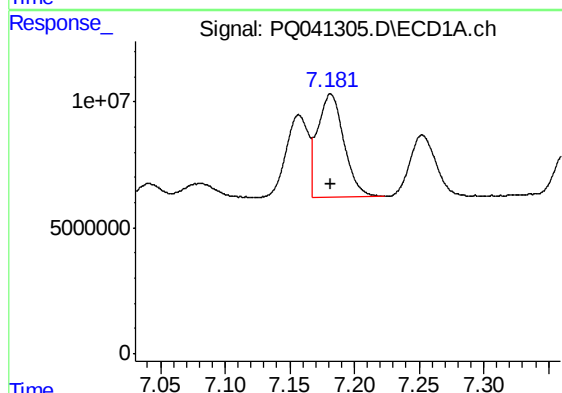
R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 39205126
Conc: 226.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



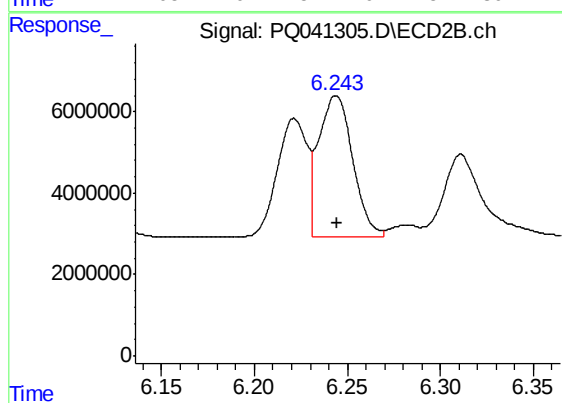
#3 AR-1016-1

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 32775208
Conc: 225.14 ng/ml



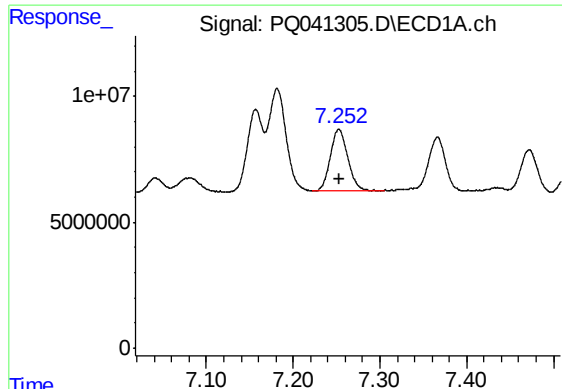
#4 AR-1016-2

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 57699578
Conc: 234.23 ng/ml



#4 AR-1016-2

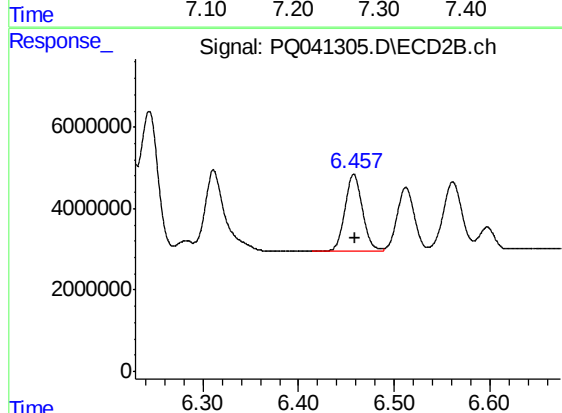
R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 43939336
Conc: 222.08 ng/ml



#5 AR-1016-3

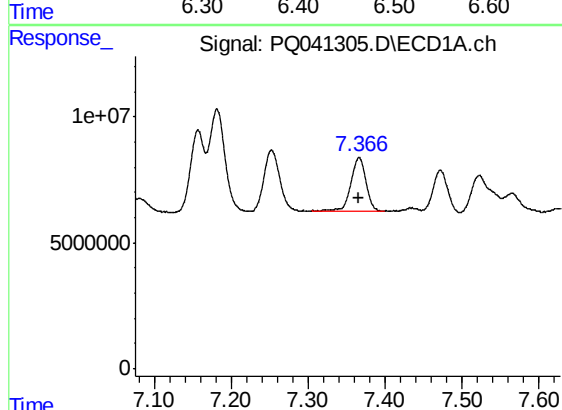
R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 34127704
Conc: 231.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



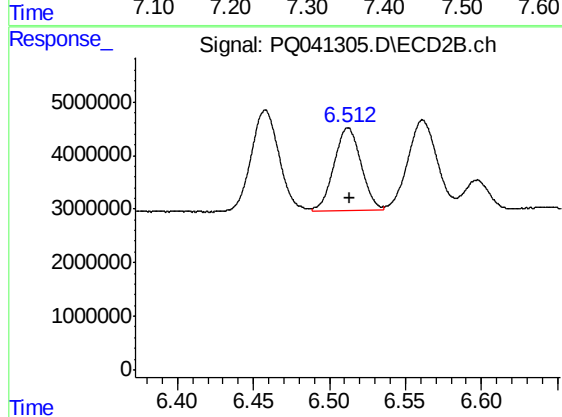
#5 AR-1016-3

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 23997046
Conc: 226.92 ng/ml



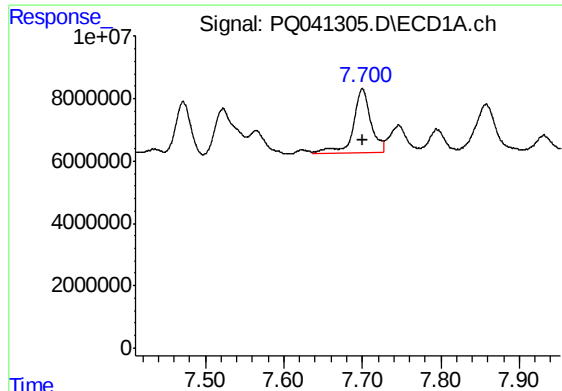
#6 AR-1016-4

R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 28988069
Conc: 232.40 ng/ml



#6 AR-1016-4

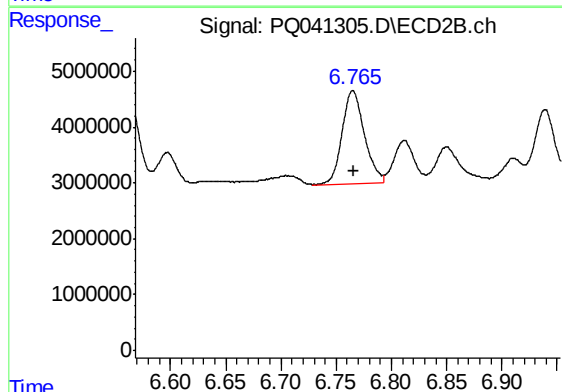
R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 19025959
Conc: 224.24 ng/ml



#7 AR-1016-5

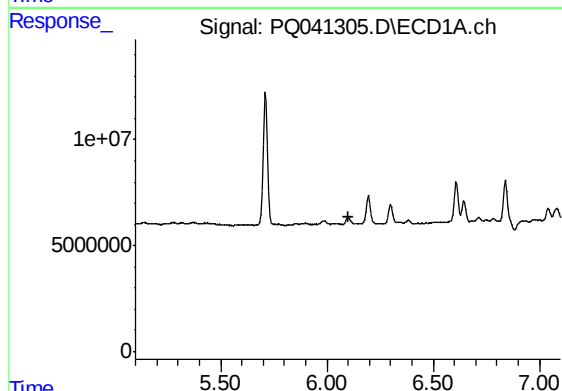
R.T.: 7.700 min
Delta R.T.: -0.001 min
Response: 31871667
Conc: 259.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



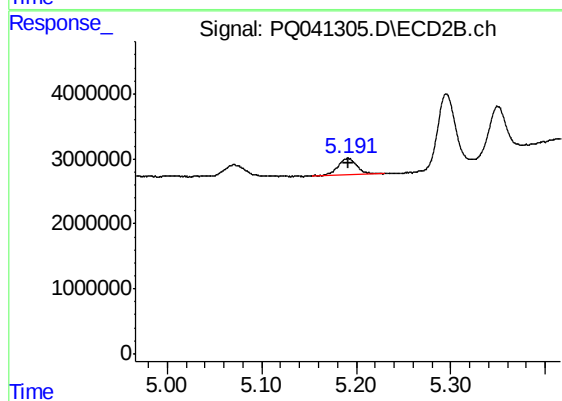
#7 AR-1016-5

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 23396497
Conc: 226.11 ng/ml



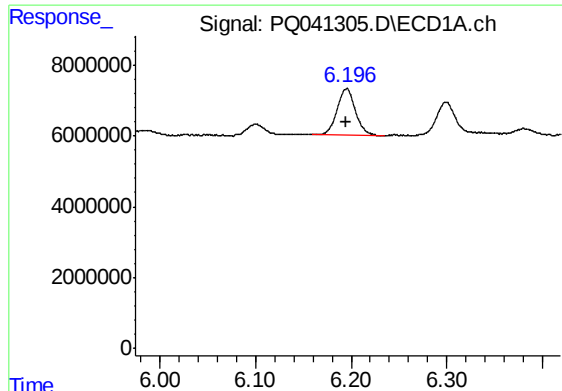
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.



#9 AR-1221-2

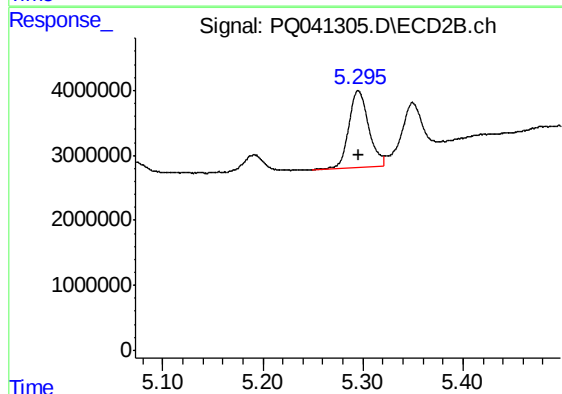
R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 3581072
Conc: 120.31 ng/ml



#10 AR-1221-3

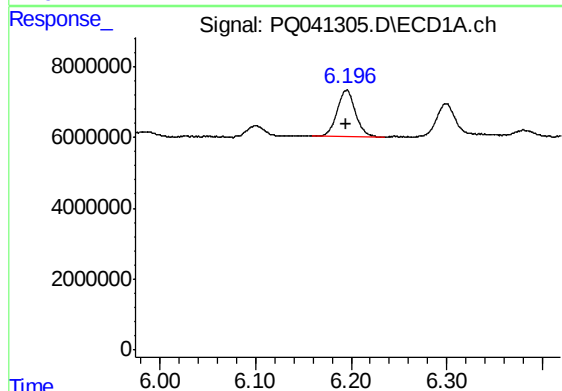
R.T.: 6.195 min
Delta R.T.: 0.001 min
Response: 17560590
Conc: 152.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



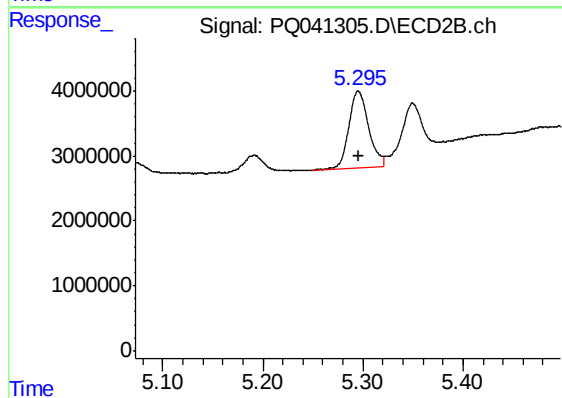
#10 AR-1221-3

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 16132824
Conc: 167.45 ng/ml



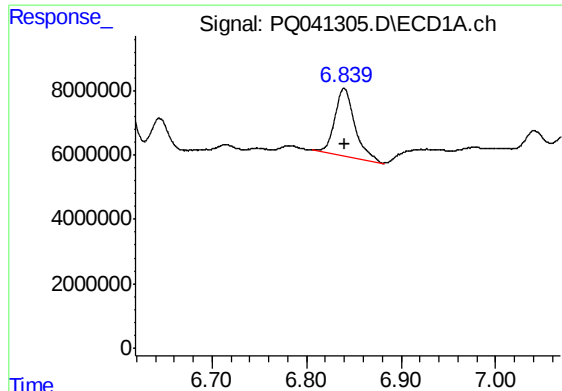
#11 AR-1232-1

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 17560590
Conc: 186.51 ng/ml



#11 AR-1232-1

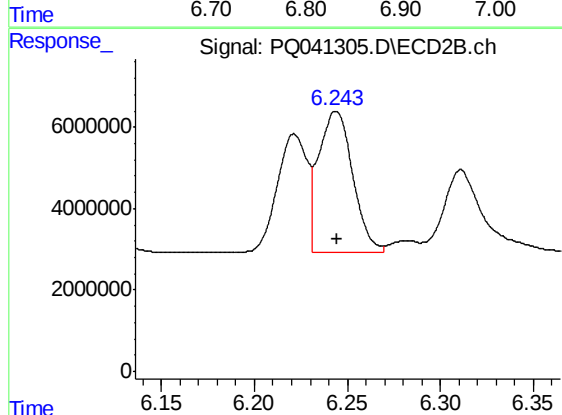
R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 16132824
Conc: 204.56 ng/ml



#12 AR-1232-2

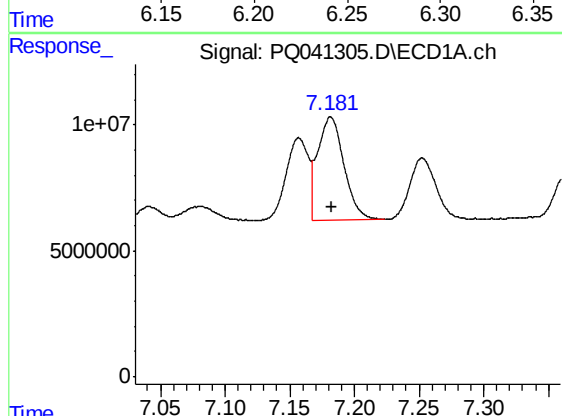
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 30956408
Conc: 605.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



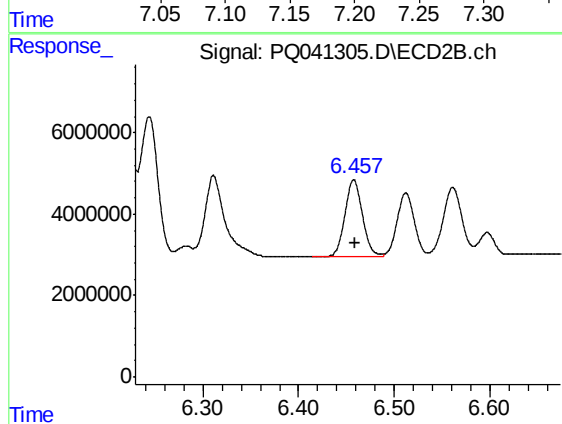
#12 AR-1232-2

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 43939336
Conc: 497.35 ng/ml



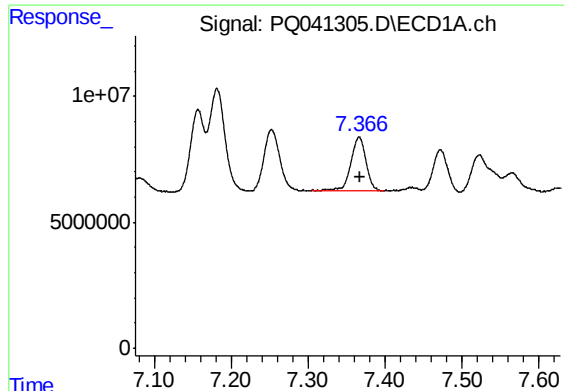
#13 AR-1232-3

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 57699578
Conc: 524.12 ng/ml



#13 AR-1232-3

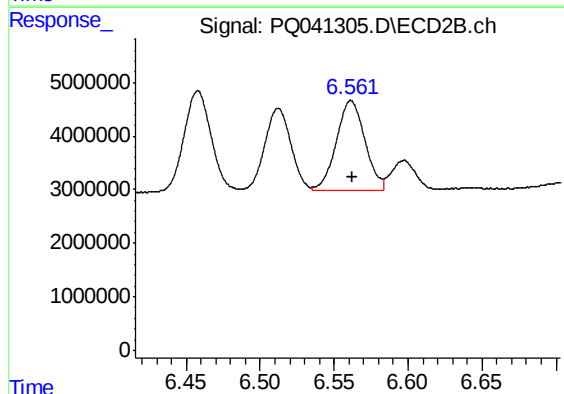
R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 23997046
Conc: 526.24 ng/ml



#14 AR-1232-4

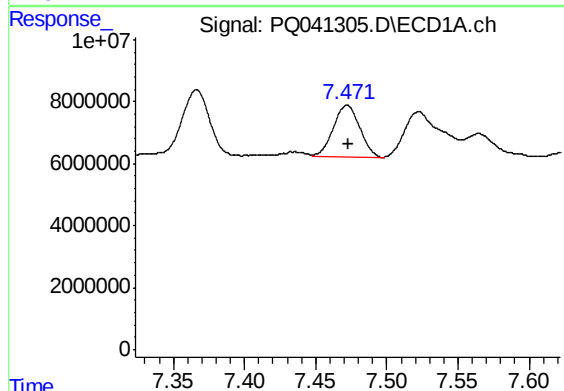
R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 28988069
Conc: 533.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



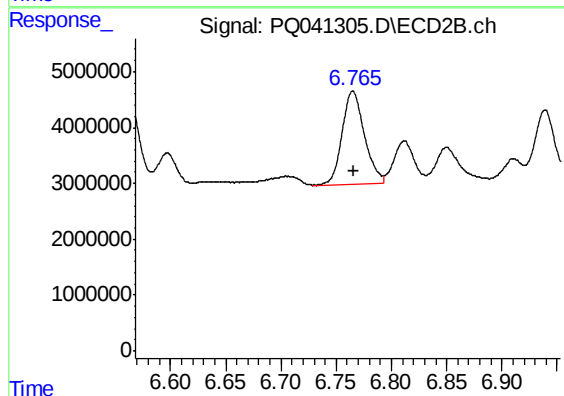
#14 AR-1232-4

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 22434131
Conc: 566.27 ng/ml



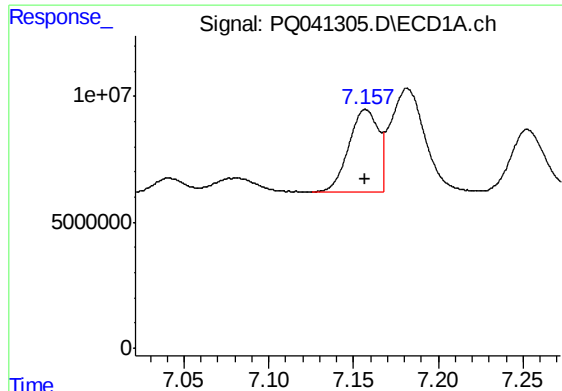
#15 AR-1232-5

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 21488021
Conc: 606.72 ng/ml



#15 AR-1232-5

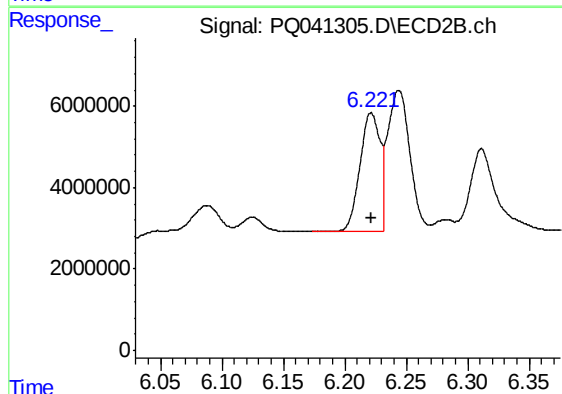
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 23396497
Conc: 572.75 ng/ml



#16 AR-1242-1

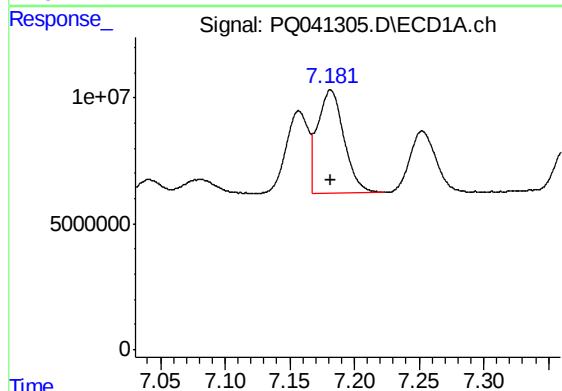
R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 39205126
Conc: 277.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



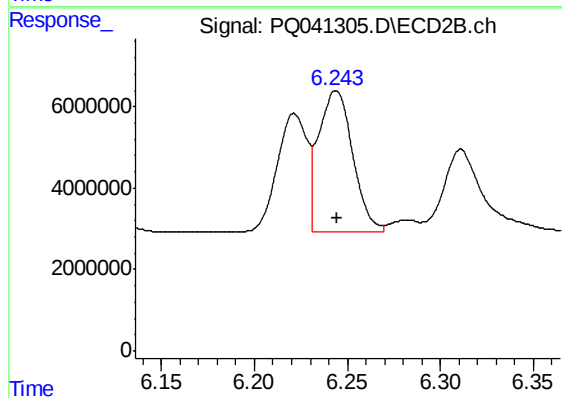
#16 AR-1242-1

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 32775208
Conc: 285.03 ng/ml



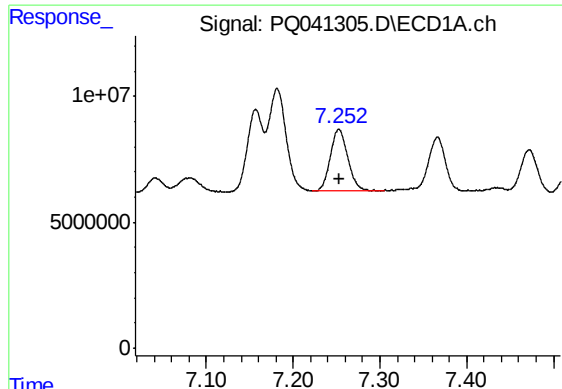
#17 AR-1242-2

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 57699578
Conc: 285.40 ng/ml



#17 AR-1242-2

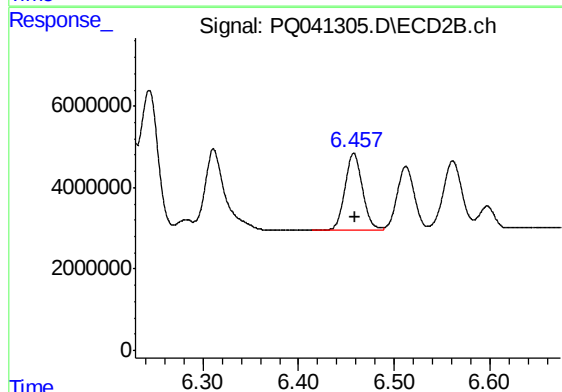
R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 43939336
Conc: 279.72 ng/ml



#18 AR-1242-3

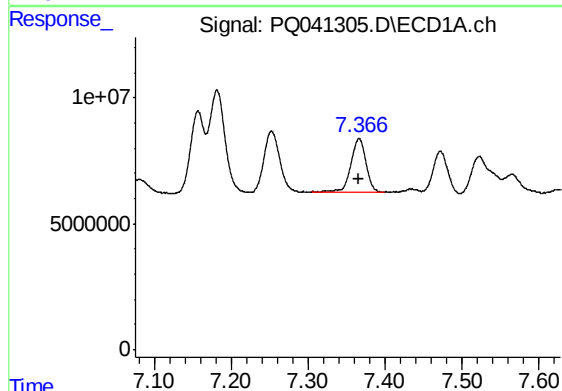
R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 34127704
Conc: 279.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



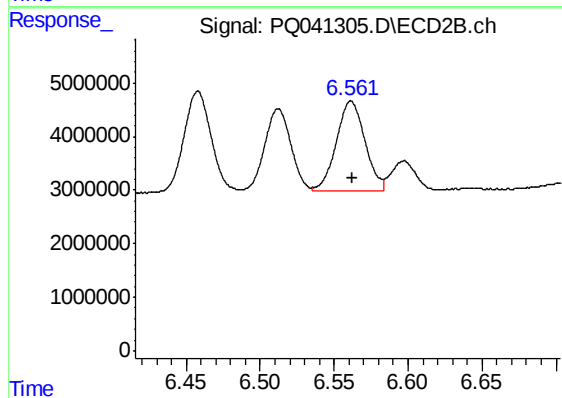
#18 AR-1242-3

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 23997046
Conc: 286.15 ng/ml



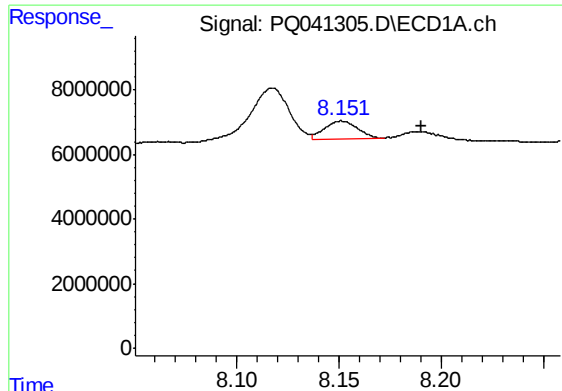
#19 AR-1242-4

R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 28988069
Conc: 287.69 ng/ml



#19 AR-1242-4

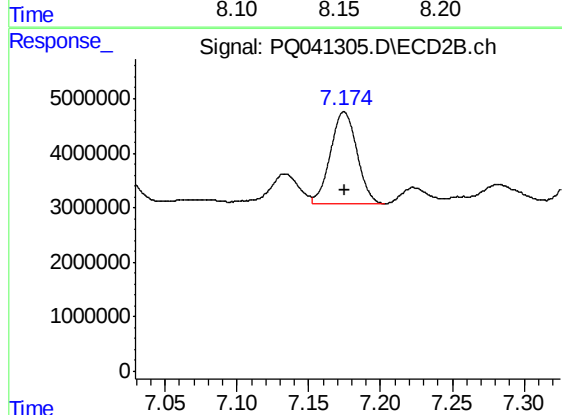
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 22434131
Conc: 276.88 ng/ml



#20 AR-1242-5

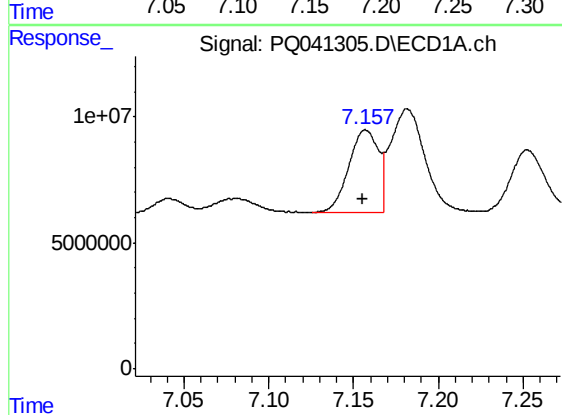
R.T.: 8.152 min
Delta R.T.: -0.039 min
Response: 6389012
Conc: 50.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



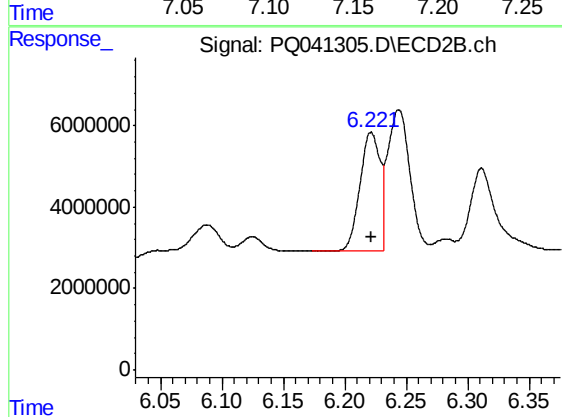
#20 AR-1242-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 21673550
Conc: 196.98 ng/ml



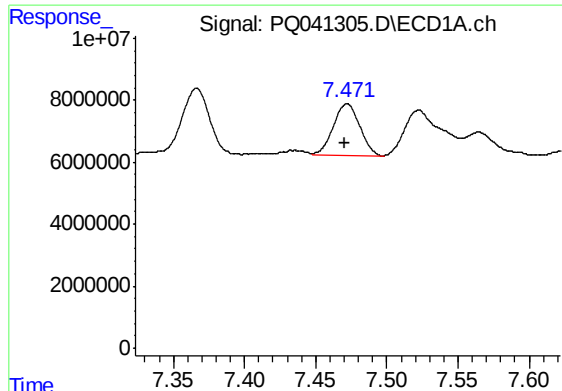
#21 AR-1248-1

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 39205126
Conc: 336.64 ng/ml



#21 AR-1248-1

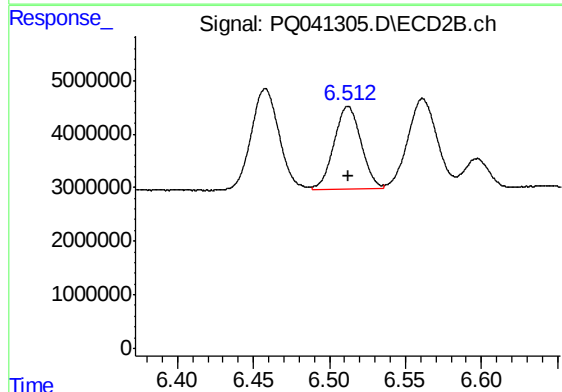
R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 32775208
Conc: 345.90 ng/ml



#22 AR-1248-2

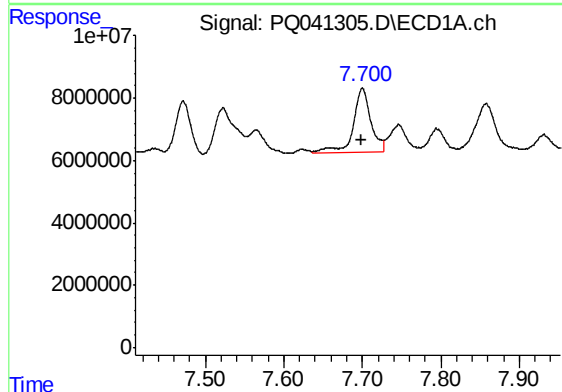
R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 21488021
Conc: 147.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



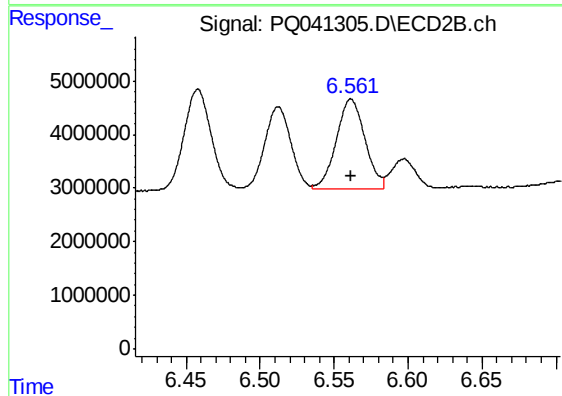
#22 AR-1248-2

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 19025959
Conc: 153.80 ng/ml



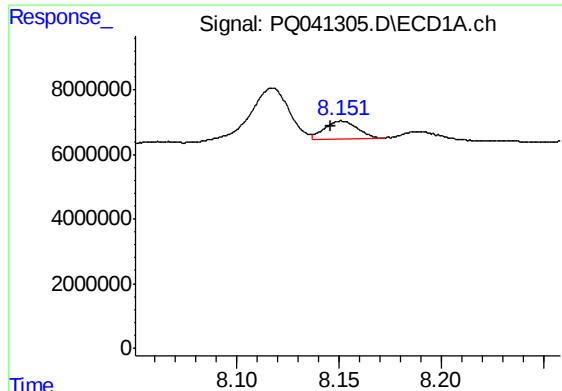
#23 AR-1248-3

R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 31871667
Conc: 178.04 ng/ml



#23 AR-1248-3

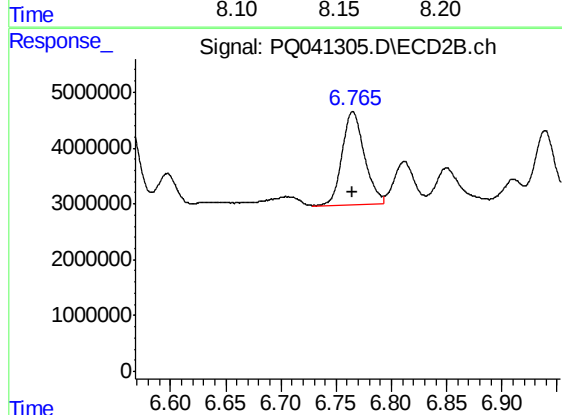
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 22434131
Conc: 177.37 ng/ml



#24 AR-1248-4

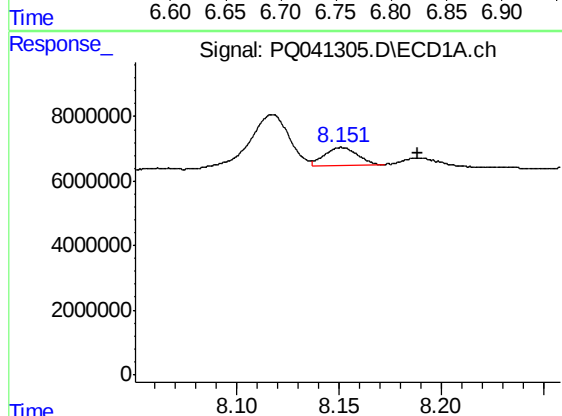
R.T.: 8.152 min
Delta R.T.: 0.005 min
Response: 6389012
Conc: 27.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



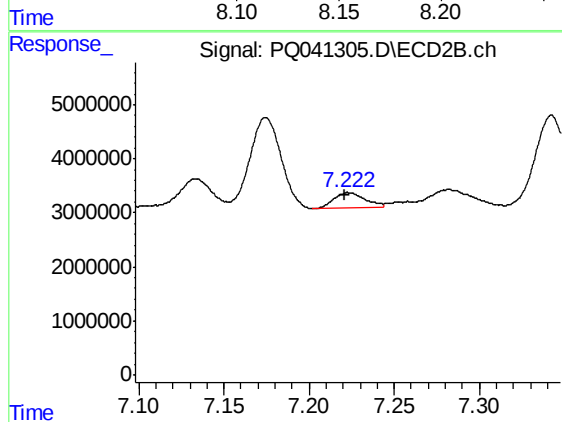
#24 AR-1248-4

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 23396497
Conc: 154.95 ng/ml



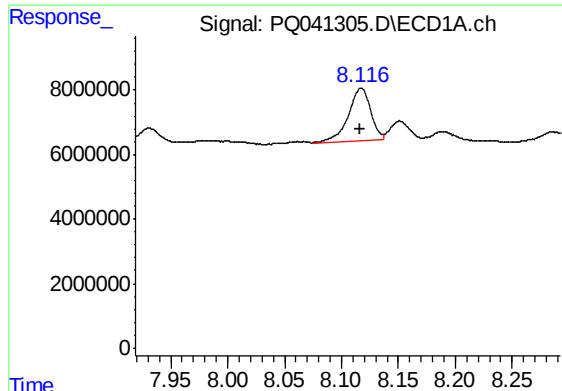
#25 AR-1248-5

R.T.: 8.152 min
Delta R.T.: -0.037 min
Response: 6389012
Conc: 28.91 ng/ml



#25 AR-1248-5

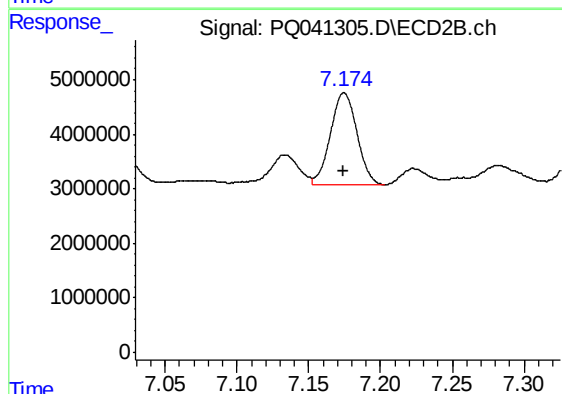
R.T.: 7.223 min
Delta R.T.: 0.002 min
Response: 3754911
Conc: 22.36 ng/ml



#26 AR-1254-1

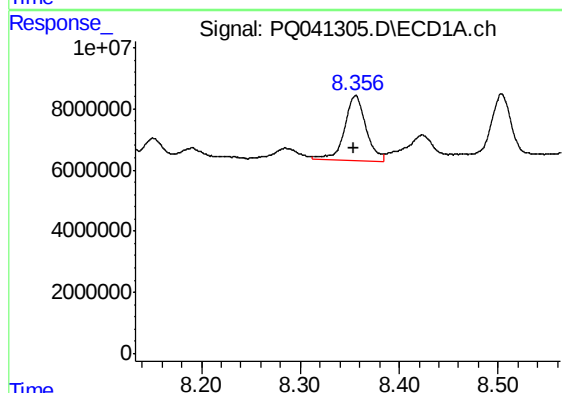
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 22337194
Conc: 102.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



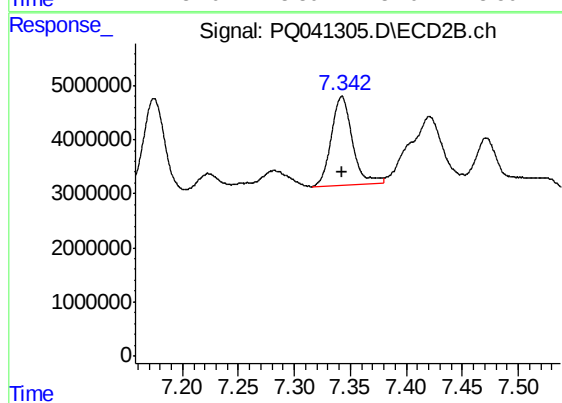
#26 AR-1254-1

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 21673550
Conc: 88.03 ng/ml



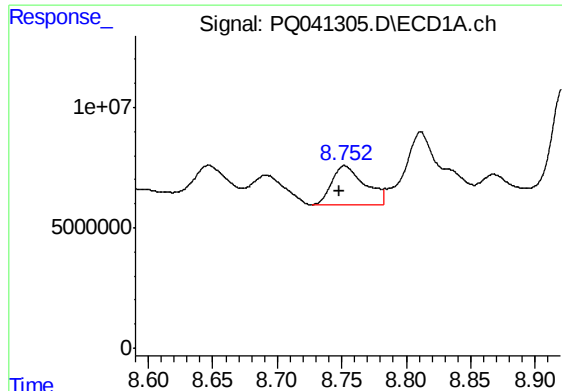
#27 AR-1254-2

R.T.: 8.356 min
Delta R.T.: 0.002 min
Response: 32268404
Conc: 91.55 ng/ml



#27 AR-1254-2

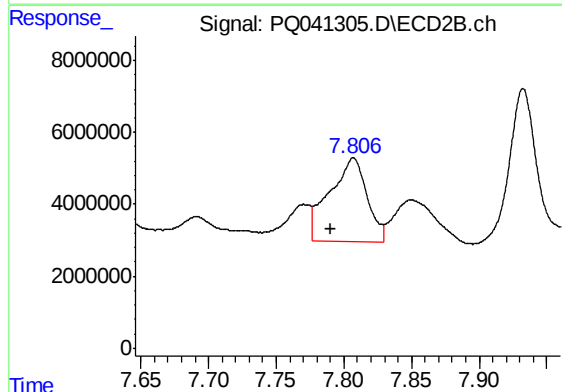
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 21817986
Conc: 102.36 ng/ml



#28 AR-1254-3

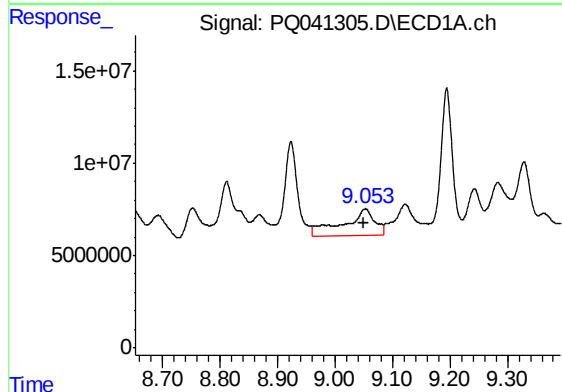
R.T.: 8.752 min
Delta R.T.: 0.004 min
Response: 28622696
Conc: 71.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



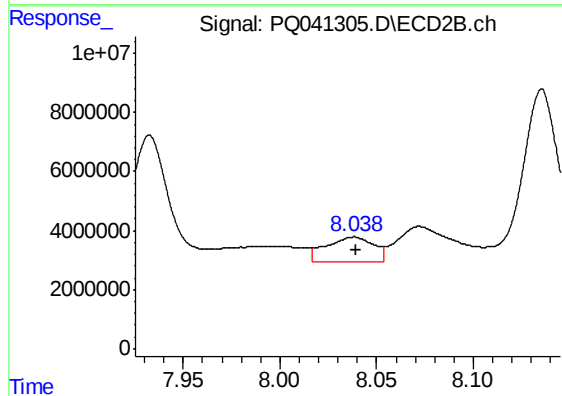
#28 AR-1254-3

R.T.: 7.807 min
Delta R.T.: 0.016 min
Response: 44606861
Conc: 130.07 ng/ml



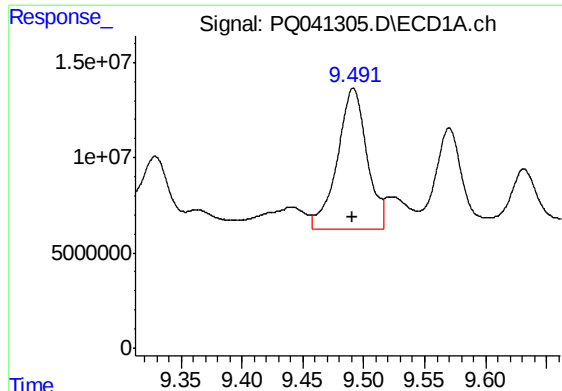
#29 AR-1254-4

R.T.: 9.053 min
Delta R.T.: 0.002 min
Response: 55611414
Conc: 155.89 ng/ml



#29 AR-1254-4

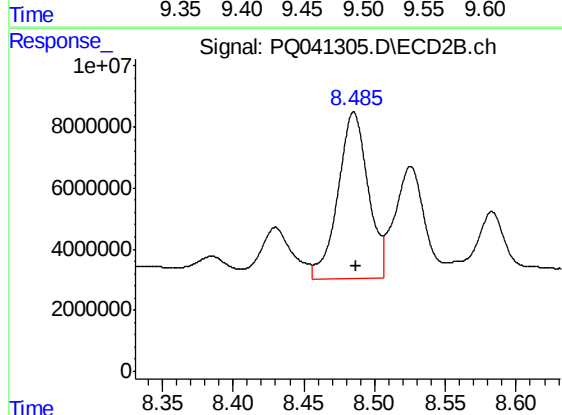
R.T.: 8.038 min
Delta R.T.: -0.001 min
Response: 14570183
Conc: 58.98 ng/ml



#30 AR-1254-5

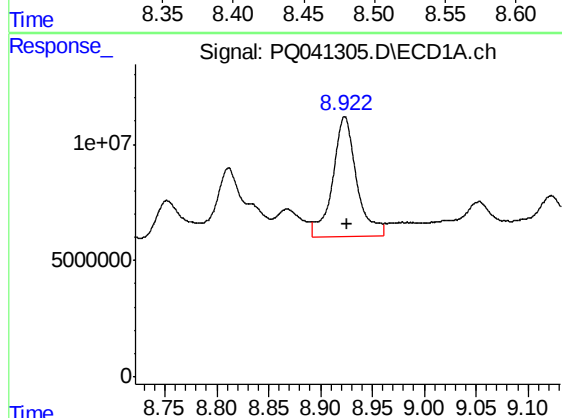
R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 125567865
Conc: 359.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



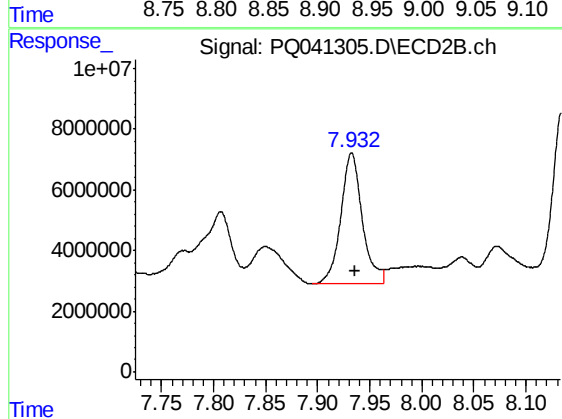
#30 AR-1254-5

R.T.: 8.485 min
Delta R.T.: -0.002 min
Response: 80728993
Conc: 264.14 ng/ml



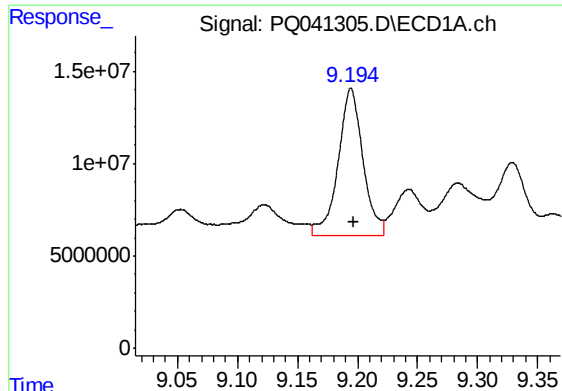
#31 AR-1260-1

R.T.: 8.923 min
Delta R.T.: -0.002 min
Response: 83187643
Conc: 335.26 ng/ml



#31 AR-1260-1

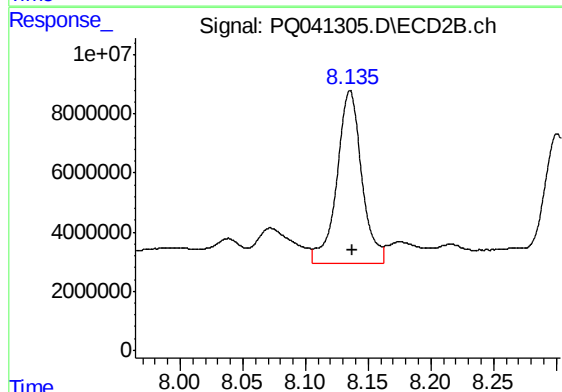
R.T.: 7.933 min
Delta R.T.: -0.003 min
Response: 62089504
Conc: 297.59 ng/ml



#32 AR-1260-2

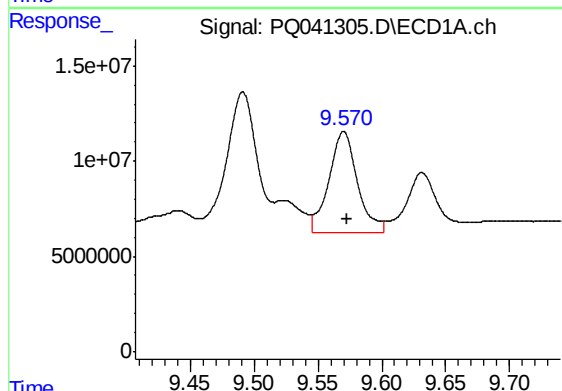
R.T.: 9.195 min
Delta R.T.: -0.003 min
Response: 114272385
Conc: 309.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



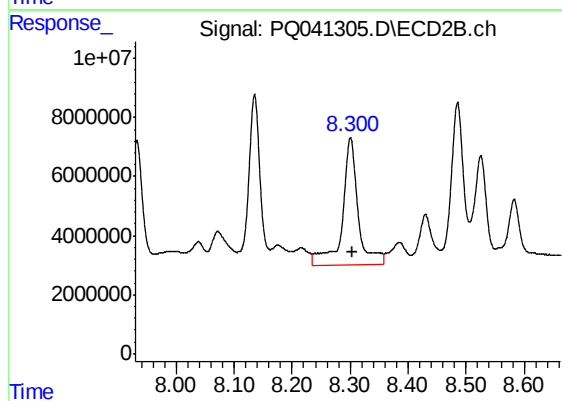
#32 AR-1260-2

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 80393248
Conc: 278.38 ng/ml



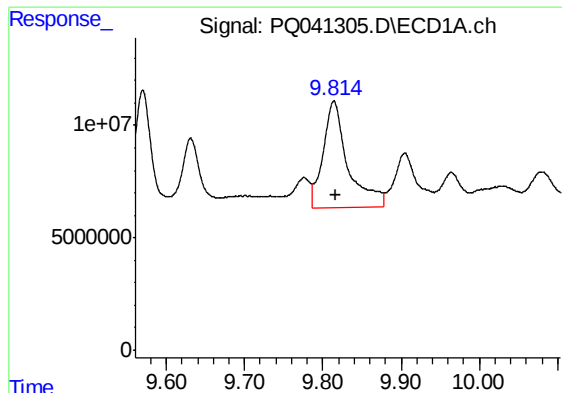
#33 AR-1260-3

R.T.: 9.570 min
Delta R.T.: -0.003 min
Response: 82162626
Conc: 255.82 ng/ml



#33 AR-1260-3

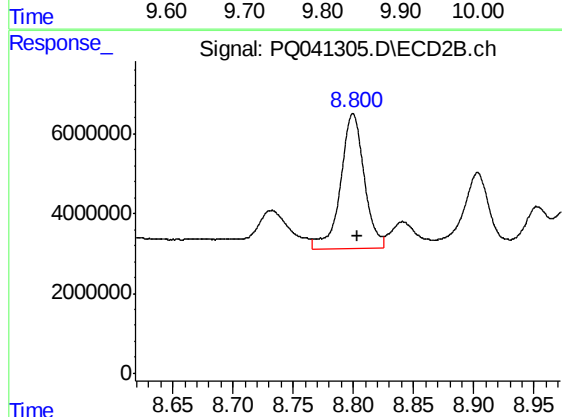
R.T.: 8.301 min
Delta R.T.: -0.003 min
Response: 82633873
Conc: 355.87 ng/ml



#34 AR-1260-4

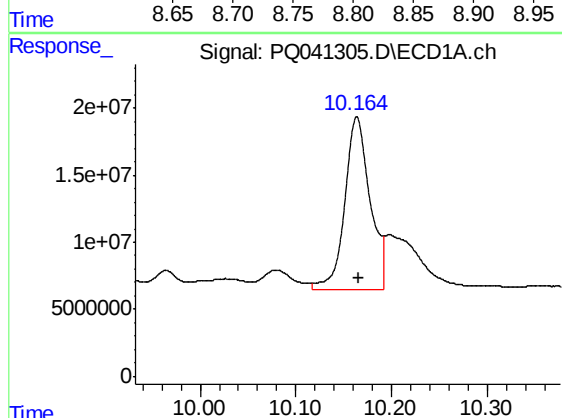
R.T.: 9.814 min
Delta R.T.: -0.002 min
Response: 104674722
Conc: 335.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



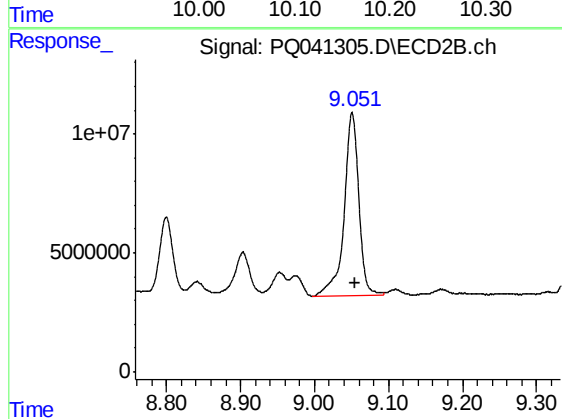
#34 AR-1260-4

R.T.: 8.800 min
Delta R.T.: -0.004 min
Response: 46307638
Conc: 239.02 ng/ml



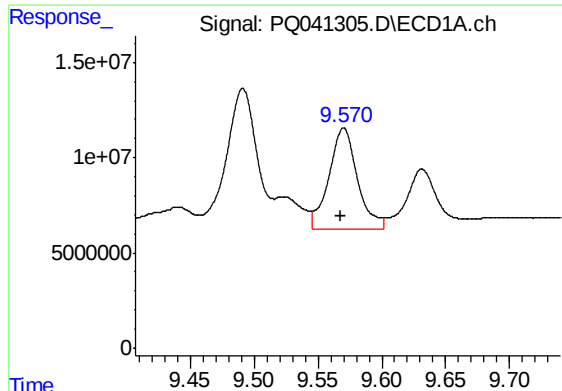
#35 AR-1260-5

R.T.: 10.164 min
Delta R.T.: -0.002 min
Response: 235431864
Conc: 292.41 ng/ml



#35 AR-1260-5

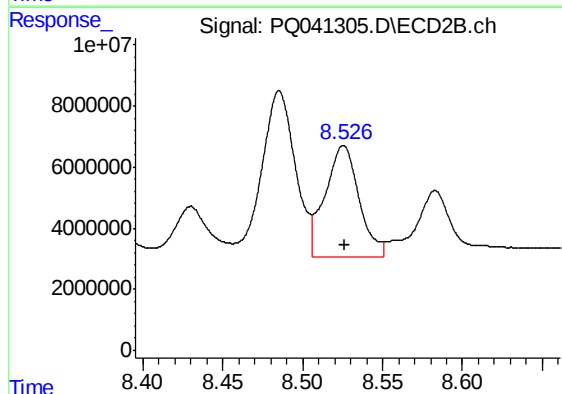
R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 107076228
Conc: 209.64 ng/ml



#36 AR-1262-1

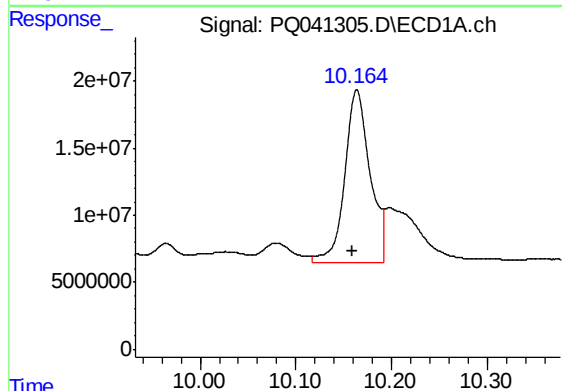
R.T.: 9.570 min
Delta R.T.: 0.002 min
Response: 82162626
Conc: 137.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



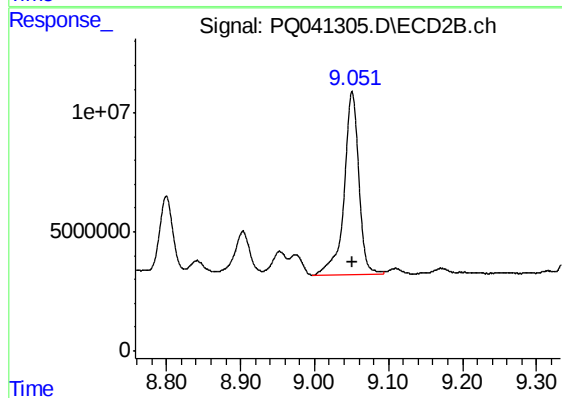
#36 AR-1262-1

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 54191404
Conc: 134.77 ng/ml



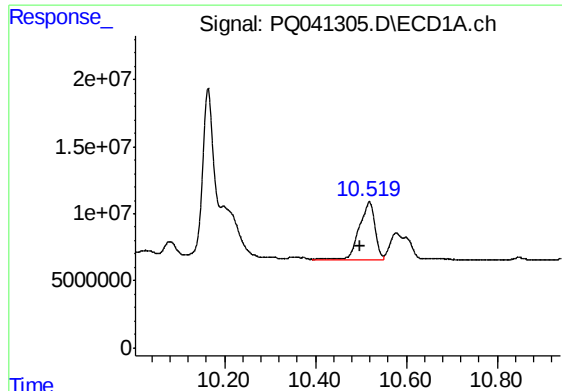
#37 AR-1262-2

R.T.: 10.164 min
Delta R.T.: 0.004 min
Response: 235431864
Conc: 202.16 ng/ml



#37 AR-1262-2

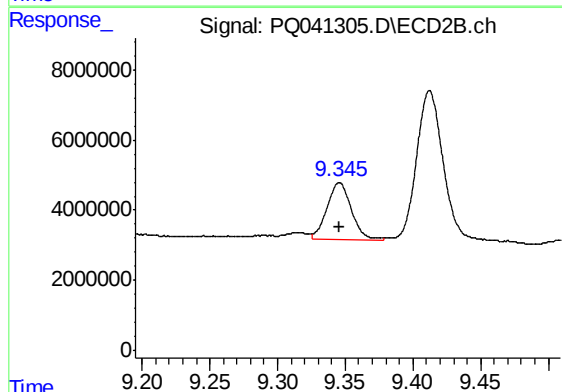
R.T.: 9.051 min
Delta R.T.: 0.000 min
Response: 107076228
Conc: 154.57 ng/ml



#38 AR-1262-3

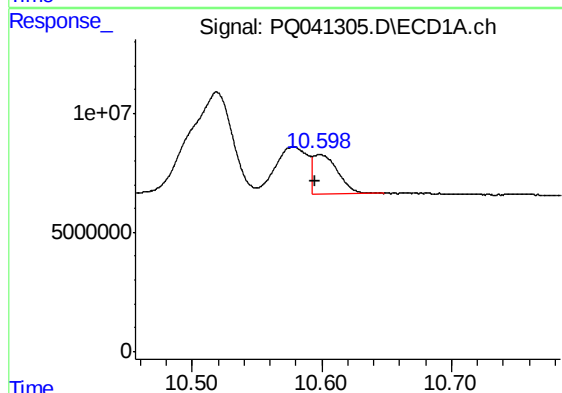
R.T.: 10.519 min
Delta R.T.: 0.022 min
Response: 105539947
Conc: 132.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



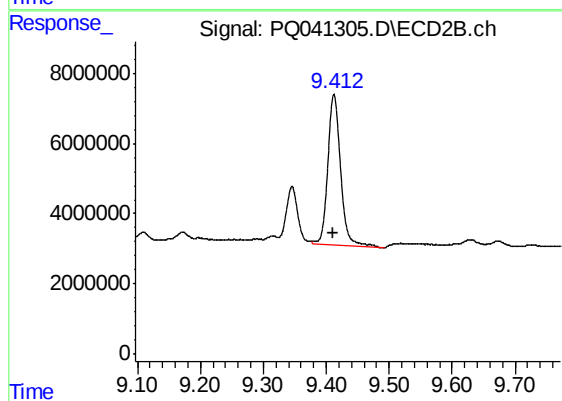
#38 AR-1262-3

R.T.: 9.346 min
Delta R.T.: 0.000 min
Response: 20318637
Conc: 75.90 ng/ml



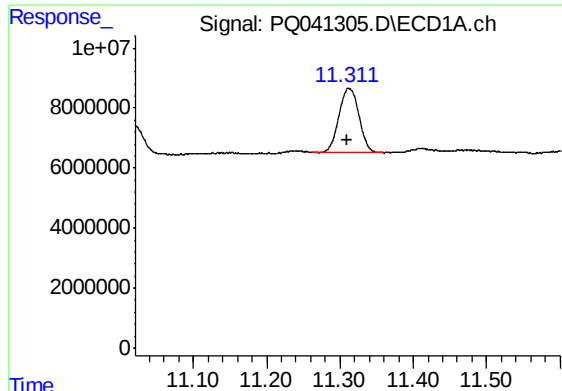
#39 AR-1262-4

R.T.: 10.599 min
Delta R.T.: 0.003 min
Response: 21675714
Conc: 35.33 ng/ml



#39 AR-1262-4

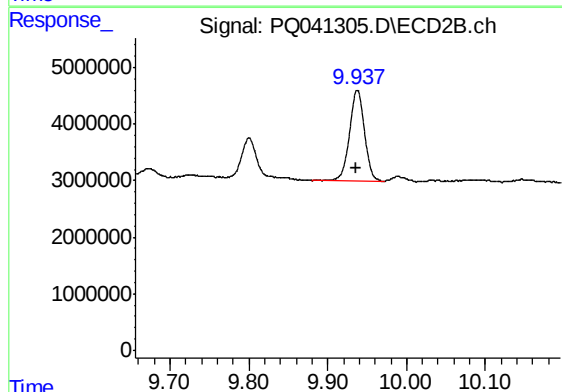
R.T.: 9.412 min
Delta R.T.: 0.000 min
Response: 61051716
Conc: 131.06 ng/ml



#40 AR-1262-5

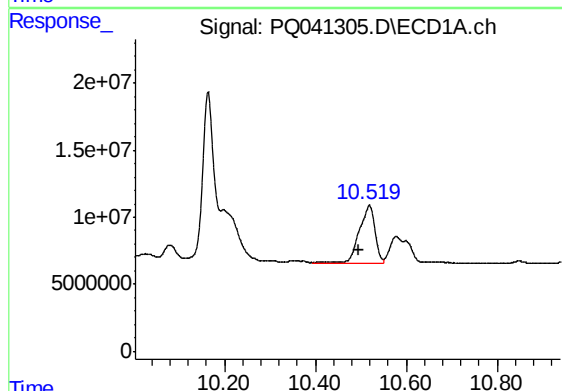
R.T.: 11.312 min
Delta R.T.: 0.001 min
Response: 40778169
Conc: 84.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



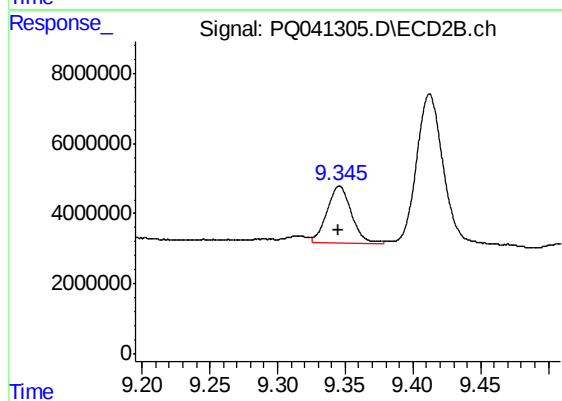
#40 AR-1262-5

R.T.: 9.938 min
Delta R.T.: 0.000 min
Response: 20984430
Conc: 97.44 ng/ml



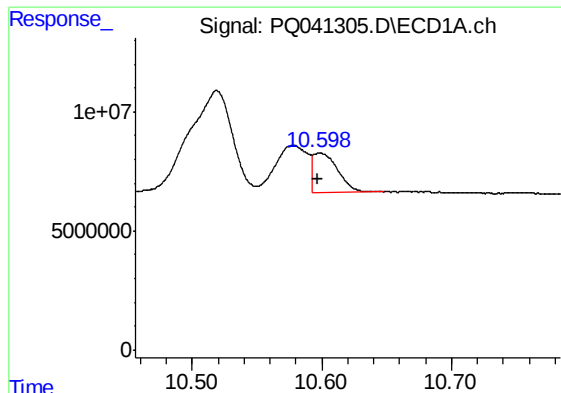
#41 AR-1268-1

R.T.: 10.519 min
Delta R.T.: 0.023 min
Response: 105539947
Conc: 76.13 ng/ml



#41 AR-1268-1

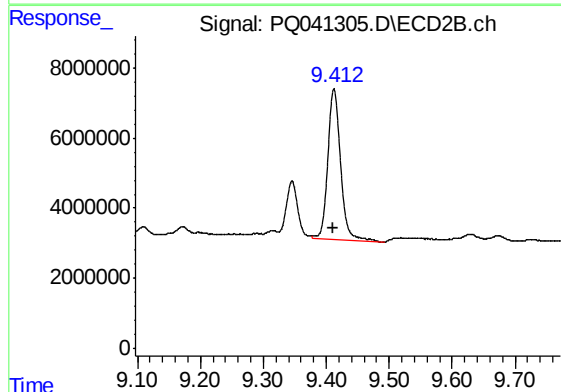
R.T.: 9.346 min
Delta R.T.: 0.000 min
Response: 20318637
Conc: 28.32 ng/ml



#42 AR-1268-2

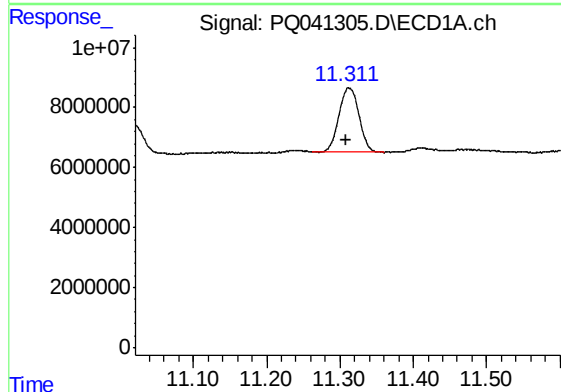
R.T.: 10.599 min
Delta R.T.: 0.002 min
Response: 21675714
Conc: 17.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



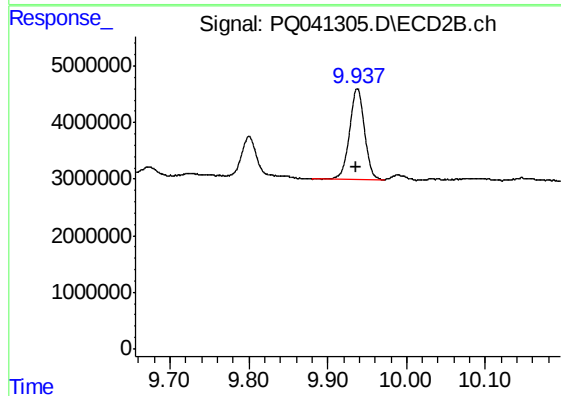
#42 AR-1268-2

R.T.: 9.412 min
Delta R.T.: 0.002 min
Response: 61051716
Conc: 97.40 ng/ml



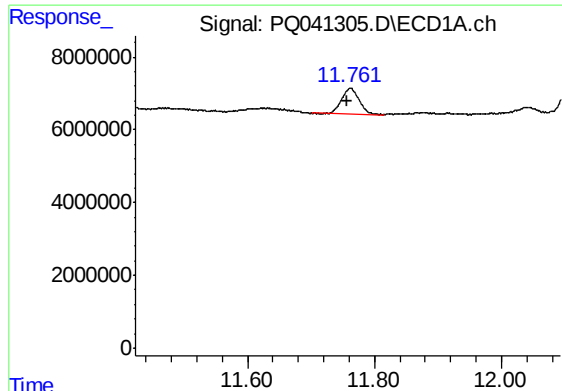
#44 AR-1268-4

R.T.: 11.312 min
Delta R.T.: 0.003 min
Response: 40778169
Conc: 81.77 ng/ml



#44 AR-1268-4

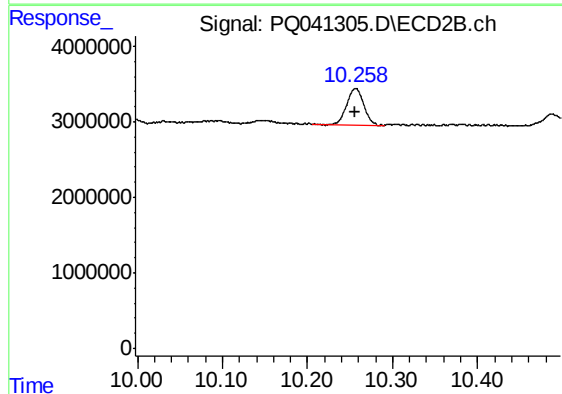
R.T.: 9.938 min
Delta R.T.: 0.000 min
Response: 20984430
Conc: 95.73 ng/ml



#45 AR-1268-5

R.T.: 11.762 min
Delta R.T.: 0.006 min
Response: 13540253
Conc: 3.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
RBR-200027MSD



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: 0.001 min
Response: 6706345
Conc: 4.75 ng/ml