

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
 Data File : PQ052257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2021 09:51
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 01:43:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 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...	5.228	4.246	510.0E6	173.8E6	20.766	20.716
2)	SA Decachlor...	11.421	9.591	846.5E6	313.5E6	41.302	40.643
Target Compounds							
3)	L1 AR-1016-1	6.553	5.505	251.5E6	93763229	312.960	304.402
4)	L1 AR-1016-2	6.576	5.526	377.9E6	132.4E6	320.131	308.906
5)	L1 AR-1016-3	6.644	5.718	225.3E6	68470607	315.713	312.573
6)	L1 AR-1016-4	6.752	5.768	188.5E6	49734087	313.060	296.986
7)	L1 AR-1016-5	7.066	5.999	180.9E6	69099867	321.521	323.569
8)	L2 AR-1221-1	5.472	4.501	22969618	8348368	90.063	92.363
9)	L2 AR-1221-2	5.578	4.603	33203449	10812367	188.771	170.875
10)	L2 AR-1221-3	5.665	4.692	135.0E6	46523928	229.331	215.754
11)	L3 AR-1232-1	5.665	4.692	135.0E6	46523928	274.780	257.273
12)	L3 AR-1232-2	6.258	5.526	182.1E6	132.4E6	707.440	670.856
13)	L3 AR-1232-3	6.576	5.718	377.9E6	68470607	718.410	696.064
14)	L3 AR-1232-4	6.752	5.813	188.5E6	62591712	718.935	756.201
15)	L3 AR-1232-5	6.846	5.999	149.9E6	69099867	811.394	776.679
16)	L4 AR-1242-1	6.553	5.505	251.5E6	93763229	365.900	355.934
17)	L4 AR-1242-2	6.576	5.526	377.9E6	132.4E6	374.344	360.484
18)	L4 AR-1242-3	6.644	5.718	225.3E6	68470607	371.051	359.149
19)	L4 AR-1242-4	6.752	5.813	188.5E6	62591712	370.628	354.406
20)	L4 AR-1242-5	7.534	6.378	210.6E6	85712719	373.350	341.875
21)	L5 AR-1248-1	6.553	5.505	251.5E6	93763229	459.127	455.962
22)	L5 AR-1248-2	6.846	5.768	149.9E6	49734087	195.019	184.007
23)	L5 AR-1248-3	7.066	5.813	180.9E6	62591712	204.892	224.465
24)	L5 AR-1248-4	7.493	5.999	192.1E6	69099867	184.810	207.665
25)	L5 AR-1248-5	7.534	6.421	210.6E6	71654108	205.617	200.404
26)	L6 AR-1254-1	7.463	6.378	143.4E6	85712719	144.301	160.724
27)	L6 AR-1254-2	7.700	6.536	173.2E6	21009966	112.090	46.011 #
28)	L6 AR-1254-3	8.075	6.959	83676454	25342696	49.508	33.700 #
29)	L6 AR-1254-4	8.369	7.197	65936361	24004684	52.568	47.577
30)	L6 AR-1254-5	8.799	7.627	27841288	7199730	20.718	10.585 #
31)	L7 AR-1260-1	8.242	7.108	16125838	10456941	16.136	25.531 #
32)	L7 AR-1260-2	8.500	7.290	32877663	3092770	26.767	5.825 #
33)	L7 AR-1260-3	8.863	7.445	9164923	3580712	10.022	7.492 #
34)	L7 AR-1260-4	9.107	7.900	19590148	247356	18.183	0.611 #
35)	L7 AR-1260-5	9.459	8.175	8483107	945412	3.739	0.878 #
36)	L8 AR-1262-1	8.863	7.627	9164923	7199730	5.821	20.850 #
37)	L8 AR-1262-2	9.459	8.175	8483107	945412	2.832	0.705 #
38)	L8 AR-1262-3	0.000	8.457	0	3725149	N.D.	7.124 #
39)	L8 AR-1262-4	0.000	8.524	0	2073236	N.D.	2.122 #
41)	L9 AR-1268-1	0.000	8.457	0	3725149	N.D.	2.313 #
42)	L9 AR-1268-2	0.000	8.524	0	2073236	N.D.	1.391 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021621\
 Data File : PQ052257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2021 09:51
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

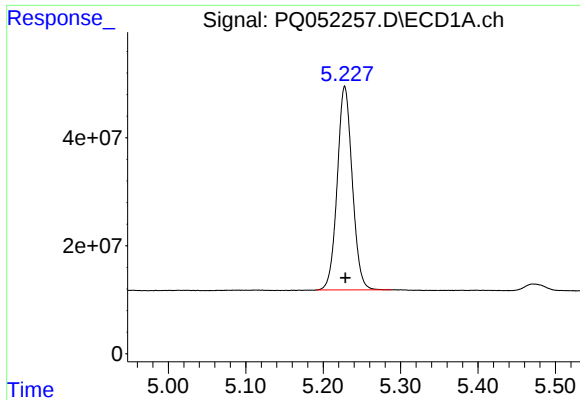
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 01:43:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
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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
43) L9	AR-1268-3	10.136	8.739	2102056	2048375	0.756	1.634 #
45) L9	AR-1268-5	11.055	9.329	6591247	2061967	0.675	0.513

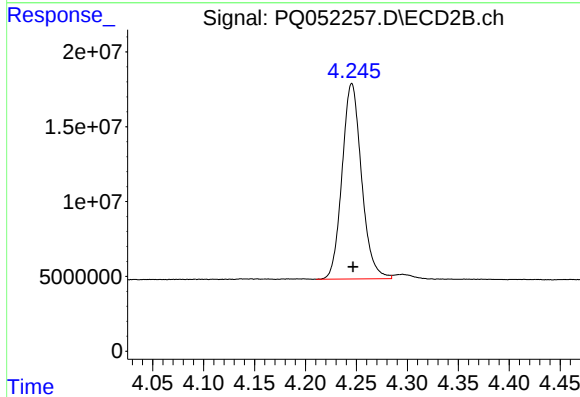
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

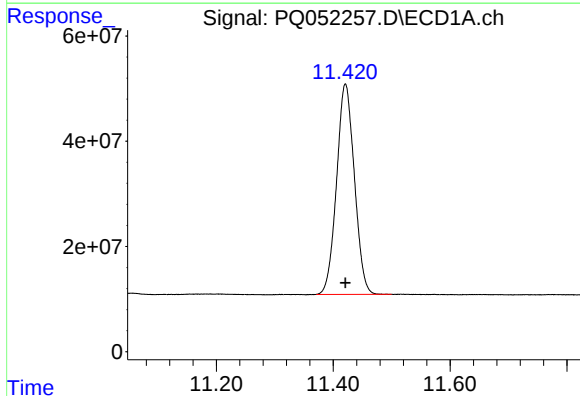
R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 509973826
Conc: 20.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



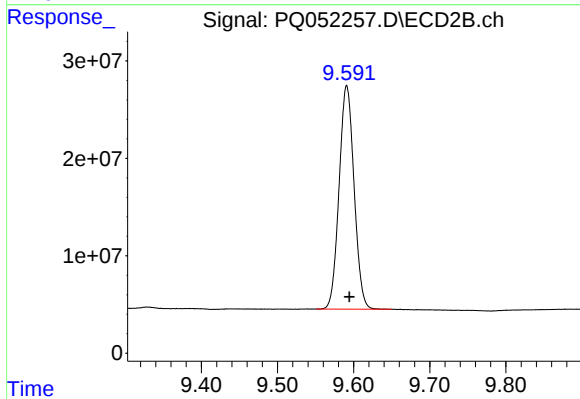
#1 Tetrachloro-m-xylene

R.T.: 4.246 min
Delta R.T.: -0.001 min
Response: 173773712
Conc: 20.72 ng/ml



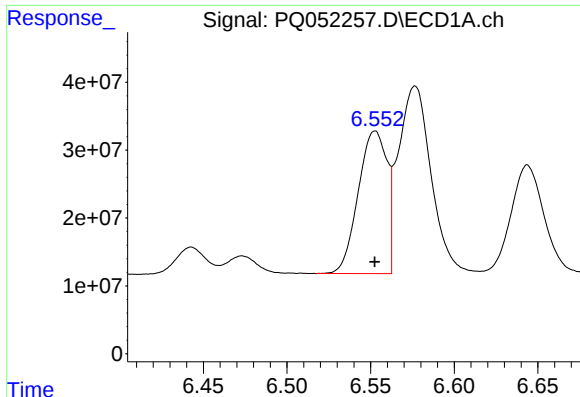
#2 Decachlorobiphenyl

R.T.: 11.421 min
Delta R.T.: 0.000 min
Response: 846487794
Conc: 41.30 ng/ml



#2 Decachlorobiphenyl

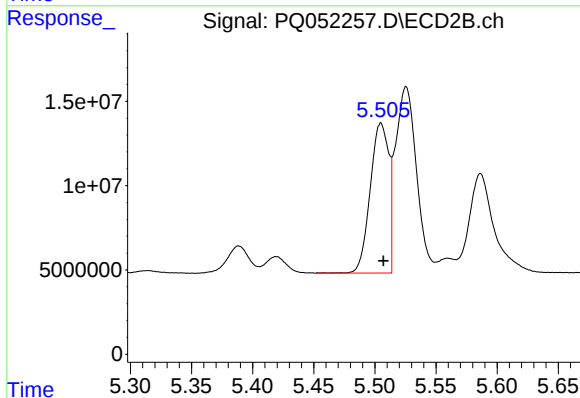
R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 313469407
Conc: 40.64 ng/ml



#3 AR-1016-1

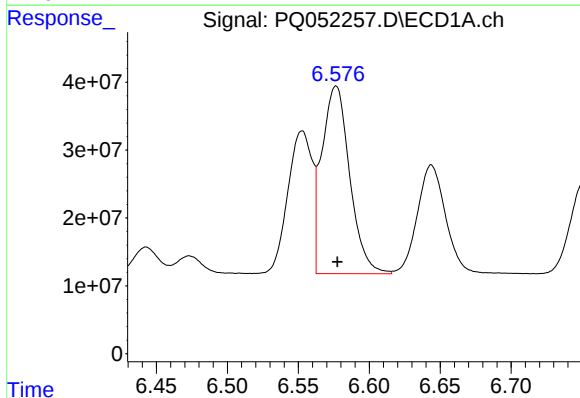
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 251460173
Conc: 312.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



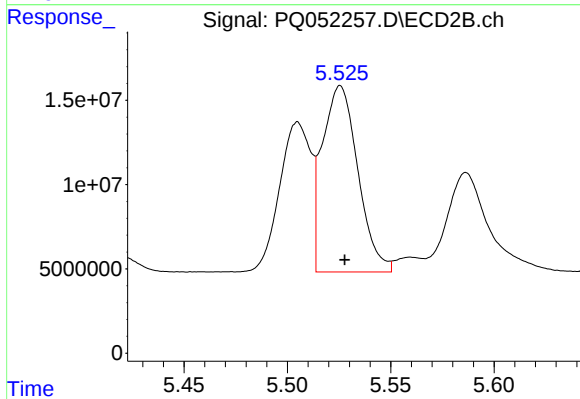
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 93763229
Conc: 304.40 ng/ml



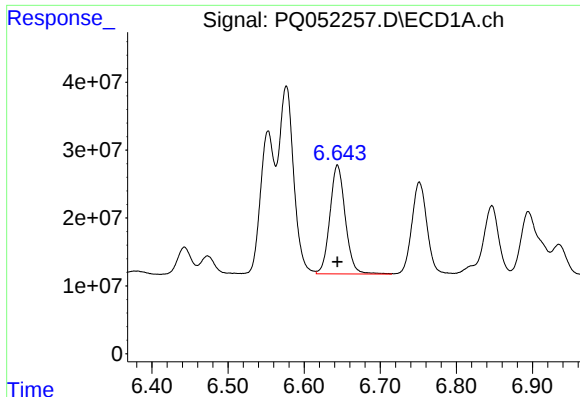
#4 AR-1016-2

R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 377938209
Conc: 320.13 ng/ml



#4 AR-1016-2

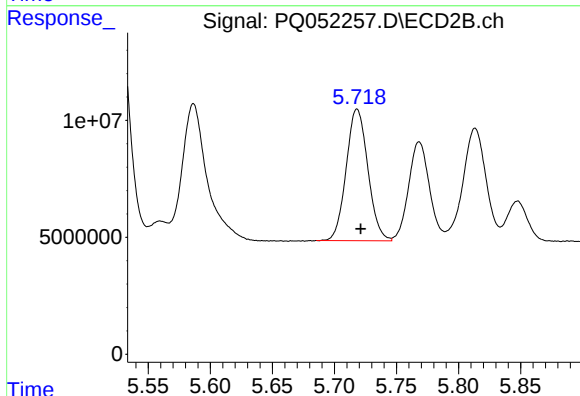
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 132448732
Conc: 308.91 ng/ml



#5 AR-1016-3

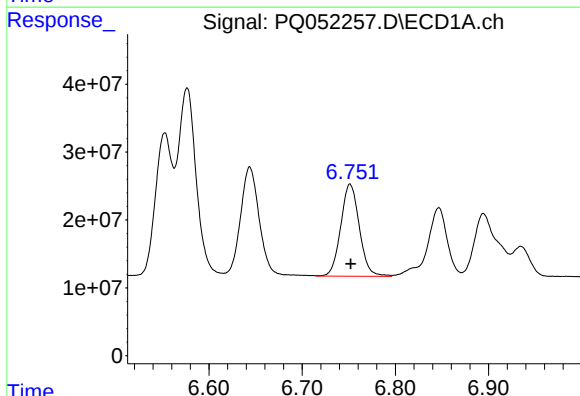
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 225330679
Conc: 315.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



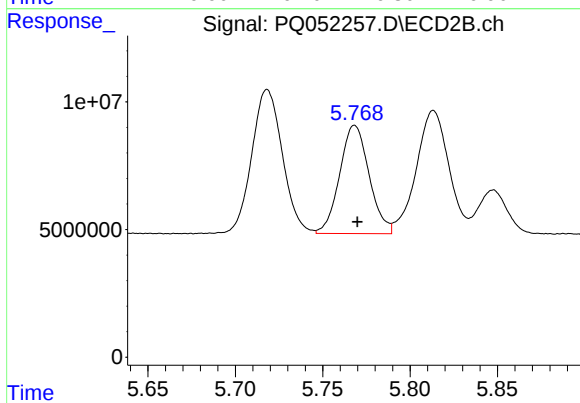
#5 AR-1016-3

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 68470607
Conc: 312.57 ng/ml



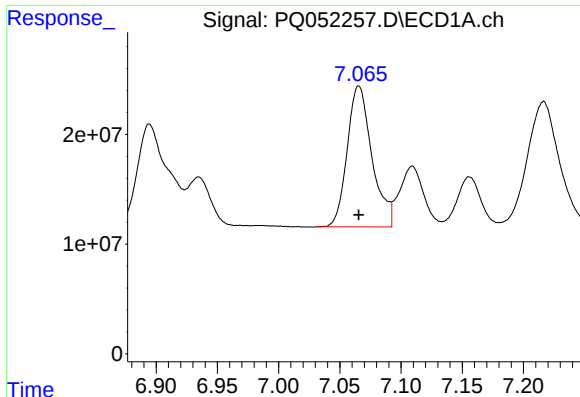
#6 AR-1016-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 188465454
Conc: 313.06 ng/ml



#6 AR-1016-4

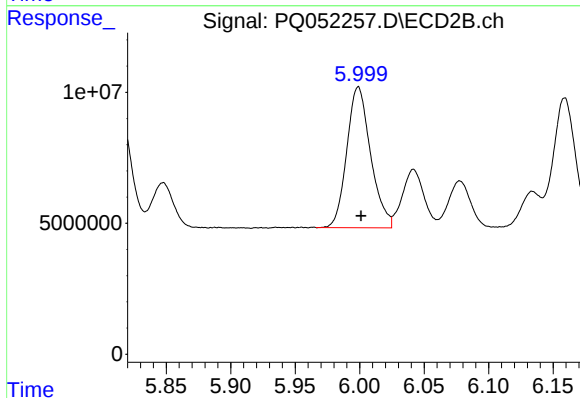
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 49734087
Conc: 296.99 ng/ml



#7 AR-1016-5

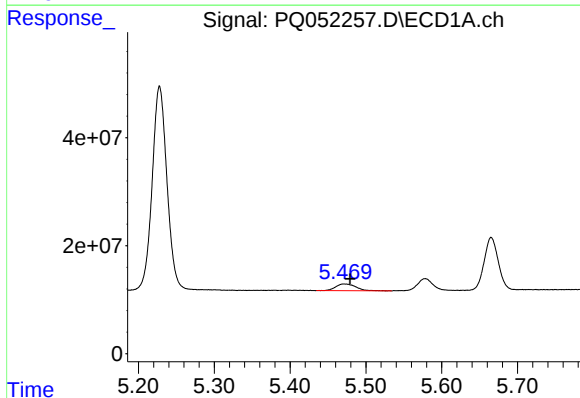
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 180903309
Conc: 321.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



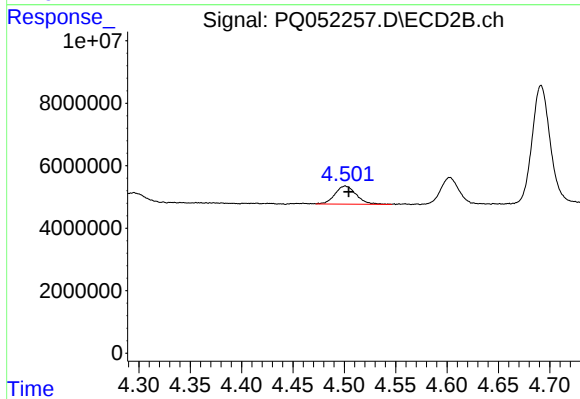
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 69099867
Conc: 323.57 ng/ml



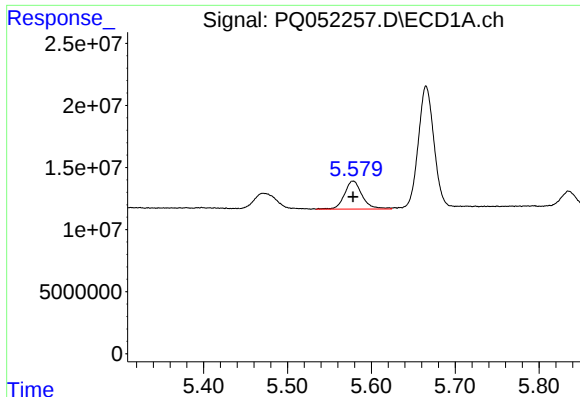
#8 AR-1221-1

R.T.: 5.472 min
Delta R.T.: -0.007 min
Response: 22969618
Conc: 90.06 ng/ml



#8 AR-1221-1

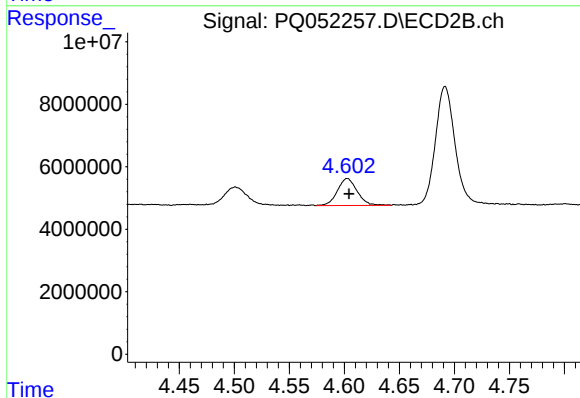
R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: 8348368
Conc: 92.36 ng/ml



#9 AR-1221-2

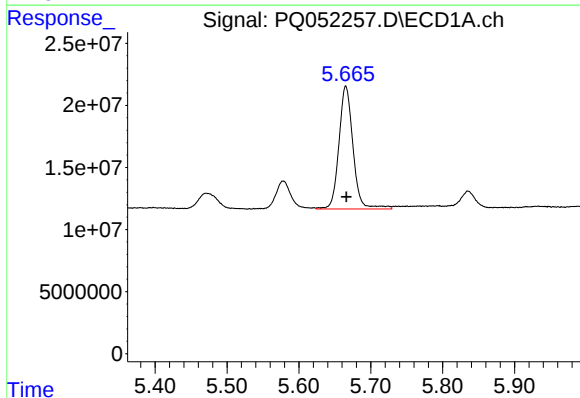
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 33203449
Conc: 188.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



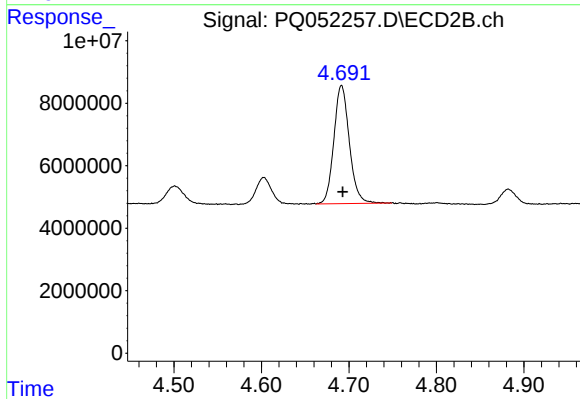
#9 AR-1221-2

R.T.: 4.603 min
Delta R.T.: -0.002 min
Response: 10812367
Conc: 170.87 ng/ml



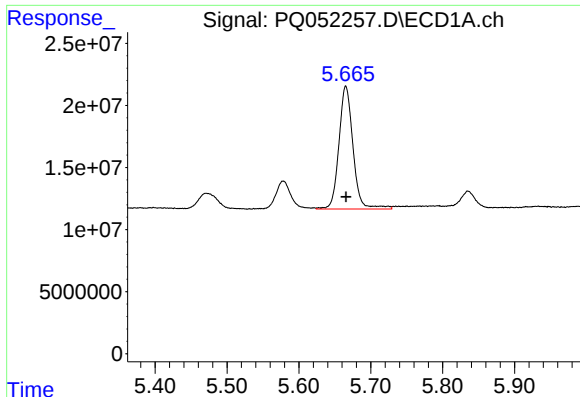
#10 AR-1221-3

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 135029744
Conc: 229.33 ng/ml



#10 AR-1221-3

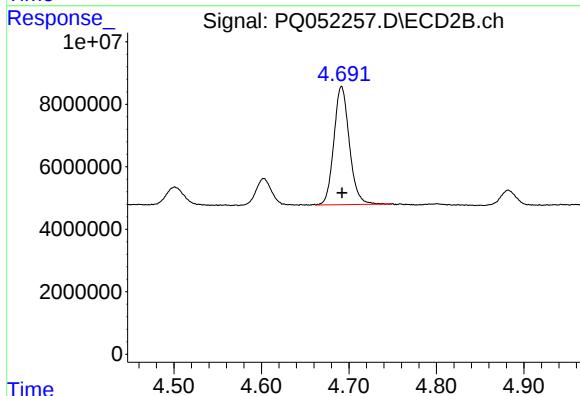
R.T.: 4.692 min
Delta R.T.: -0.001 min
Response: 46523928
Conc: 215.75 ng/ml



#11 AR-1232-1

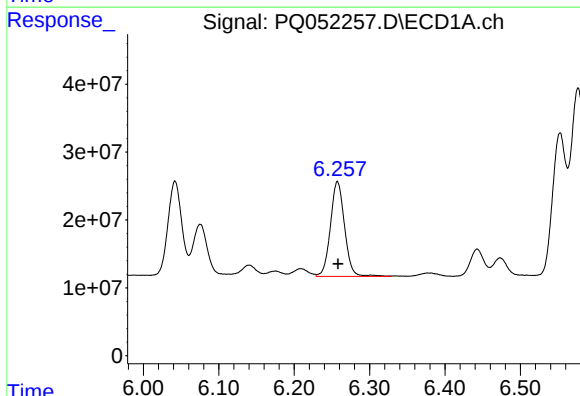
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 135029744
Conc: 274.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



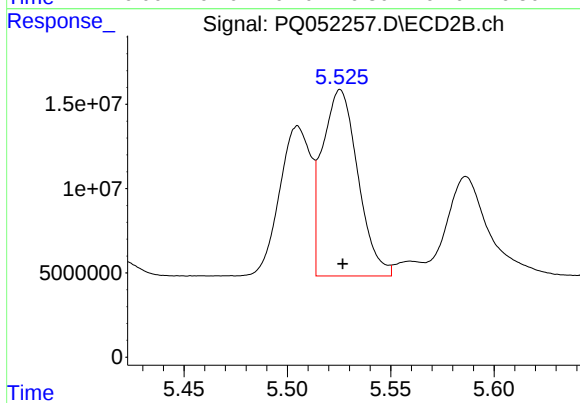
#11 AR-1232-1

R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 46523928
Conc: 257.27 ng/ml



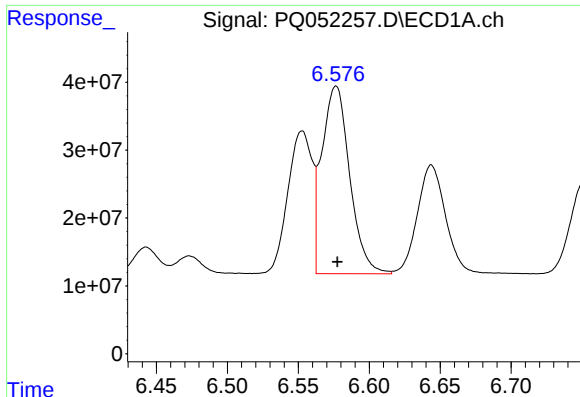
#12 AR-1232-2

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 182074394
Conc: 707.44 ng/ml



#12 AR-1232-2

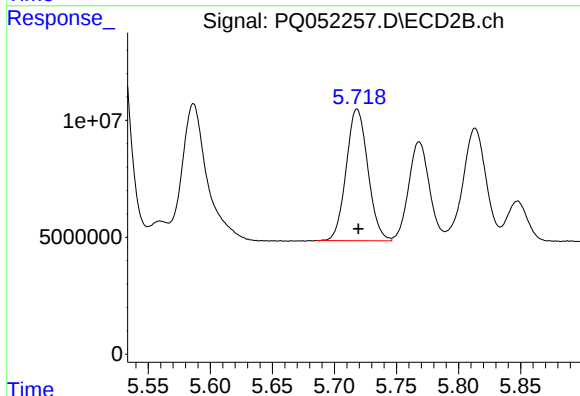
R.T.: 5.526 min
Delta R.T.: -0.001 min
Response: 132448732
Conc: 670.86 ng/ml



#13 AR-1232-3

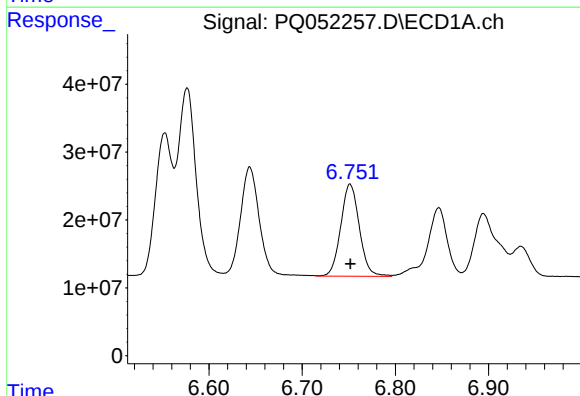
R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 377938209
Conc: 718.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



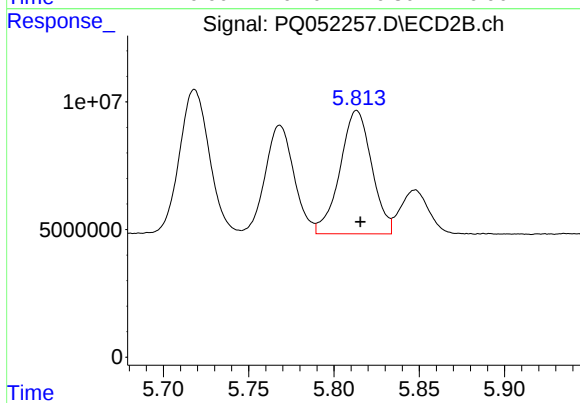
#13 AR-1232-3

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 68470607
Conc: 696.06 ng/ml



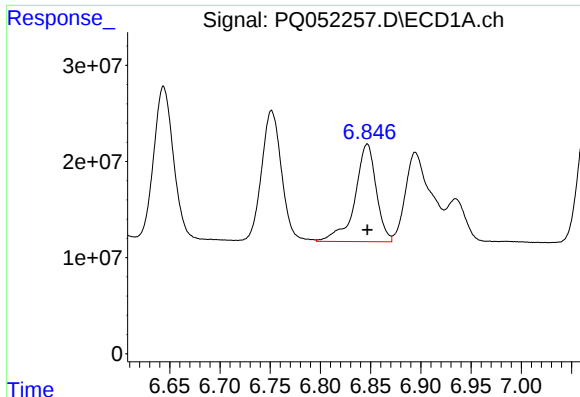
#14 AR-1232-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 188465454
Conc: 718.93 ng/ml



#14 AR-1232-4

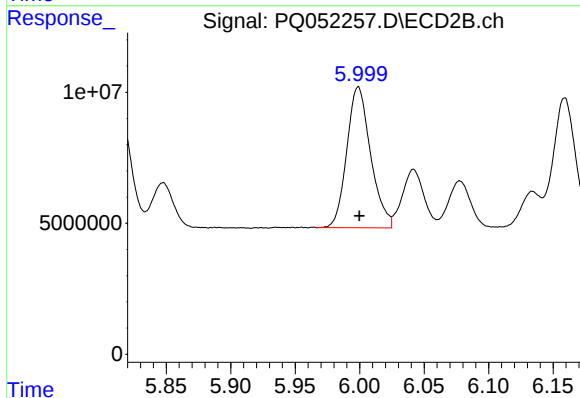
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 62591712
Conc: 756.20 ng/ml



#15 AR-1232-5

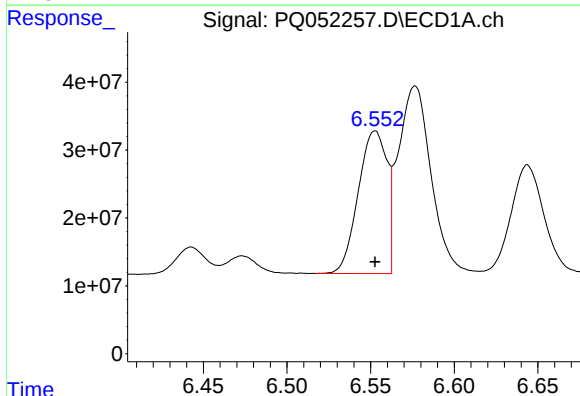
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 149897755
Conc: 811.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



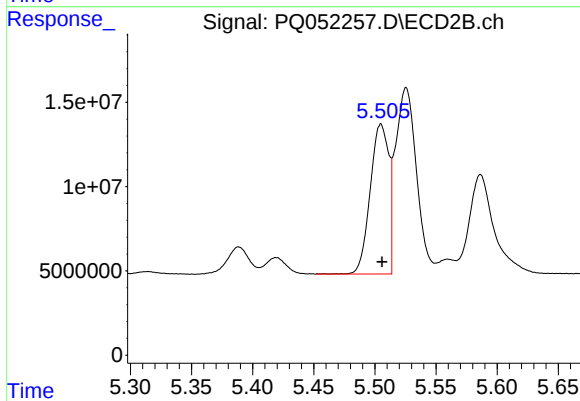
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 69099867
Conc: 776.68 ng/ml



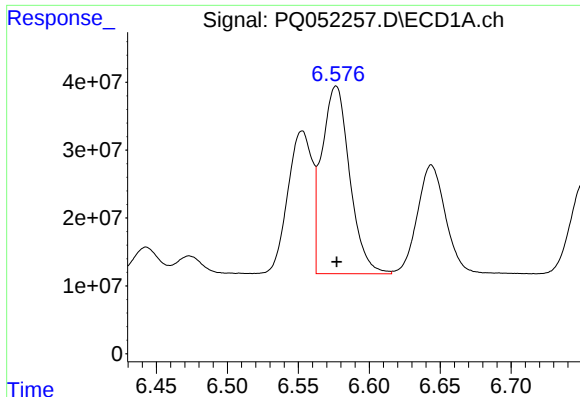
#16 AR-1242-1

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 251460173
Conc: 365.90 ng/ml



#16 AR-1242-1

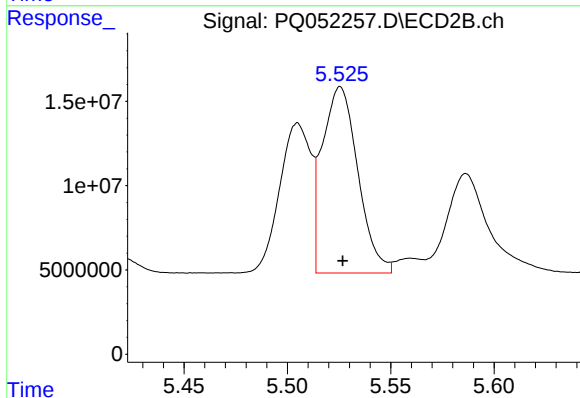
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 93763229
Conc: 355.93 ng/ml



#17 AR-1242-2

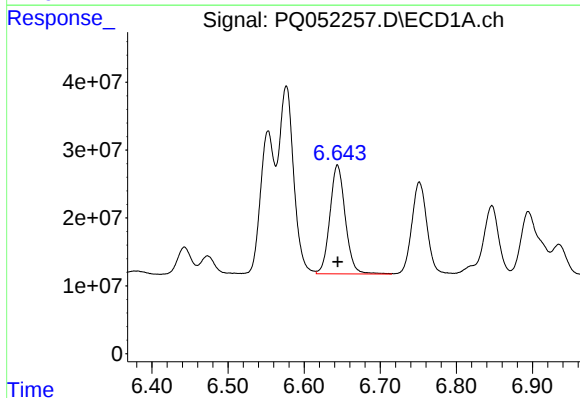
R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 377938209
Conc: 374.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



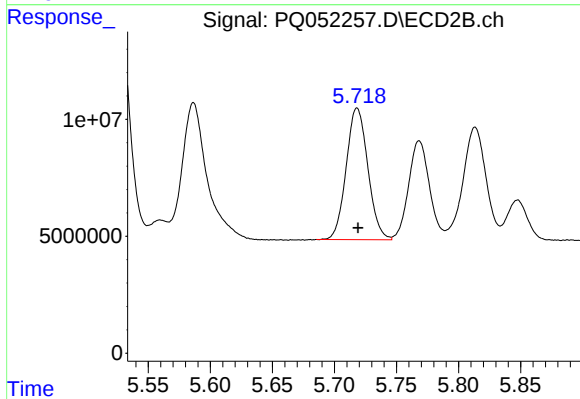
#17 AR-1242-2

R.T.: 5.526 min
Delta R.T.: -0.001 min
Response: 132448732
Conc: 360.48 ng/ml



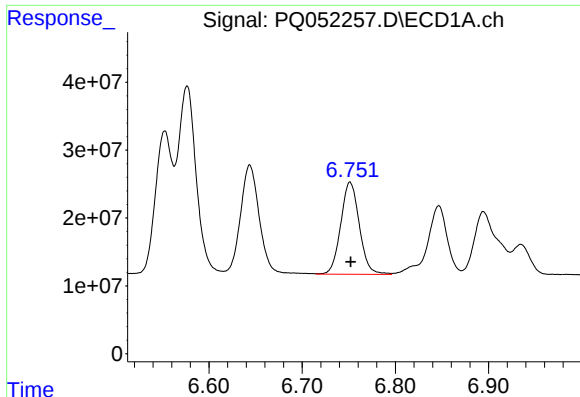
#18 AR-1242-3

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 225330679
Conc: 371.05 ng/ml



#18 AR-1242-3

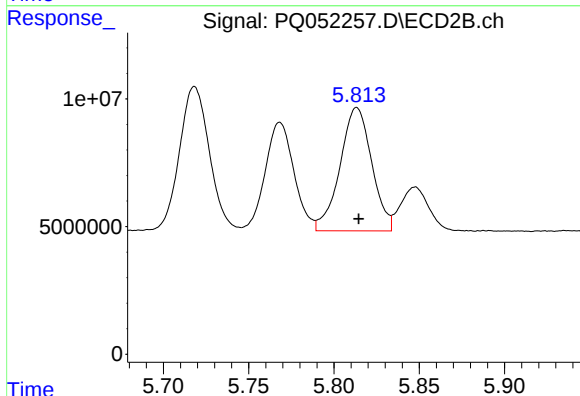
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 68470607
Conc: 359.15 ng/ml



#19 AR-1242-4

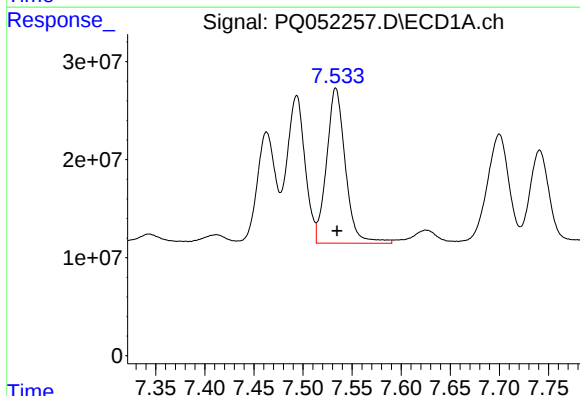
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 188465454
Conc: 370.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



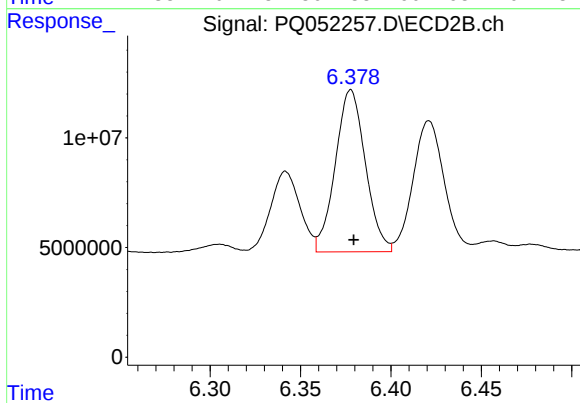
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 62591712
Conc: 354.41 ng/ml



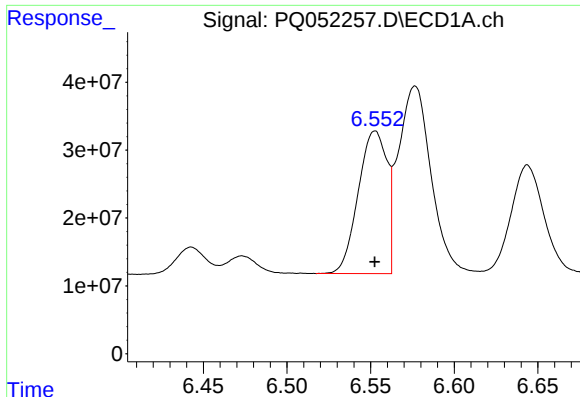
#20 AR-1242-5

R.T.: 7.534 min
Delta R.T.: -0.001 min
Response: 210630542
Conc: 373.35 ng/ml



#20 AR-1242-5

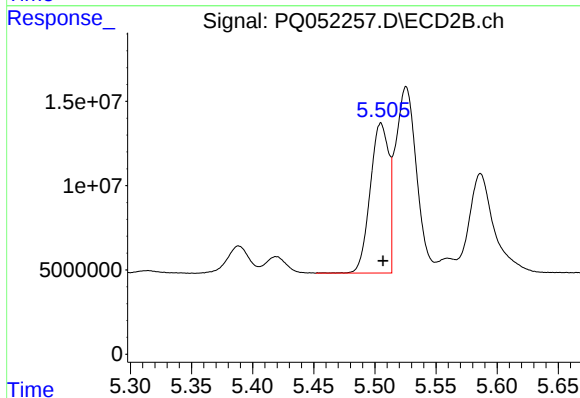
R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 85712719
Conc: 341.87 ng/ml



#21 AR-1248-1

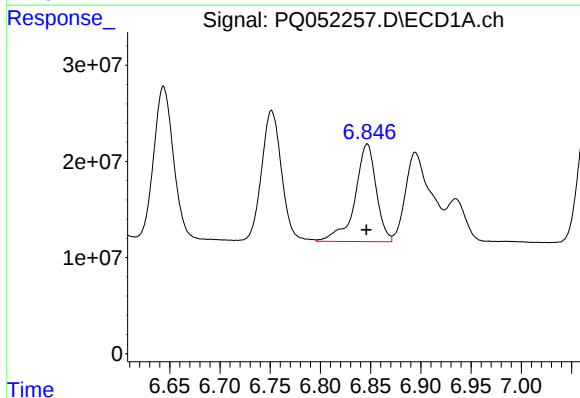
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 251460173
Conc: 459.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



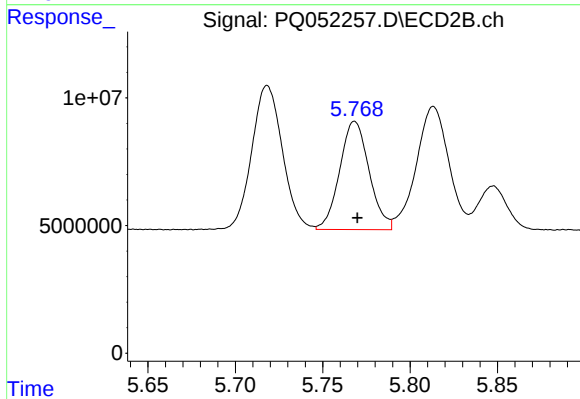
#21 AR-1248-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 93763229
Conc: 455.96 ng/ml



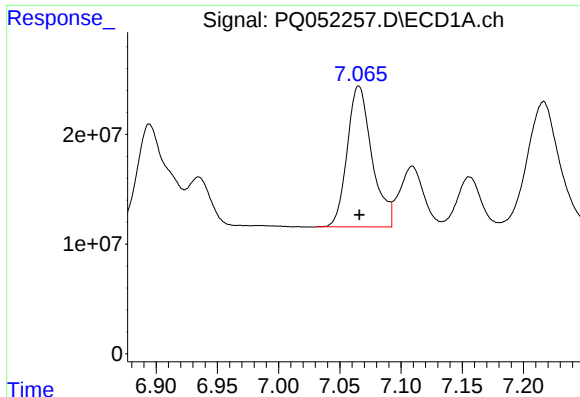
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 149897755
Conc: 195.02 ng/ml



#22 AR-1248-2

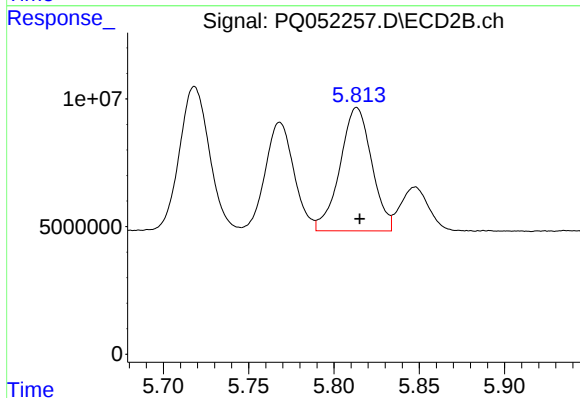
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 49734087
Conc: 184.01 ng/ml



#23 AR-1248-3

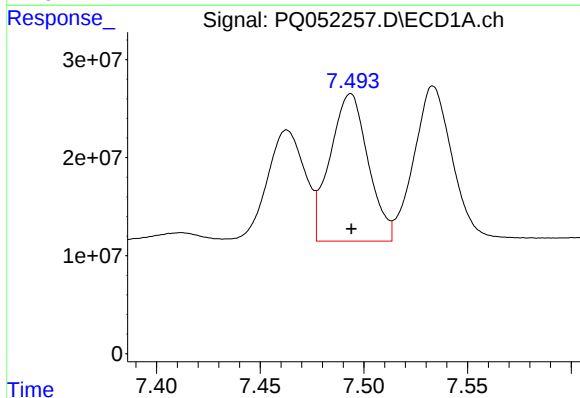
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 180903309
Conc: 204.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



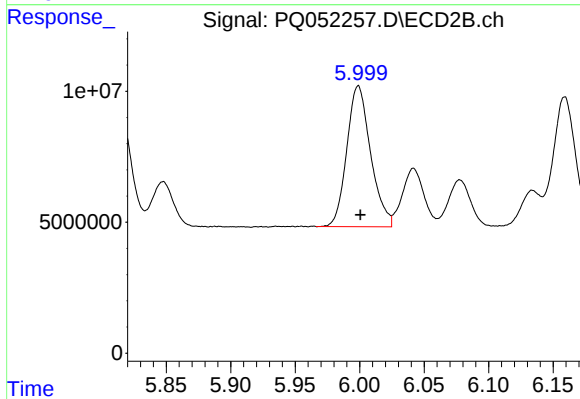
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 62591712
Conc: 224.47 ng/ml



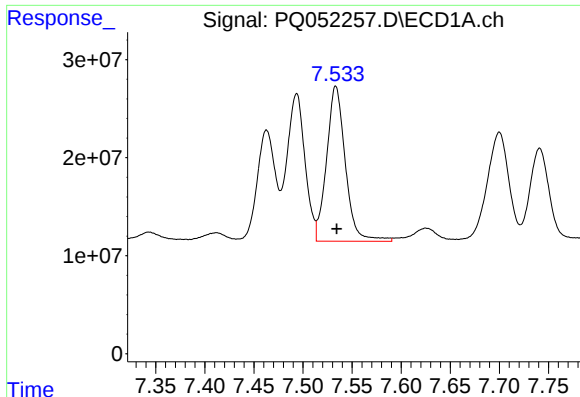
#24 AR-1248-4

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 192143424
Conc: 184.81 ng/ml



#24 AR-1248-4

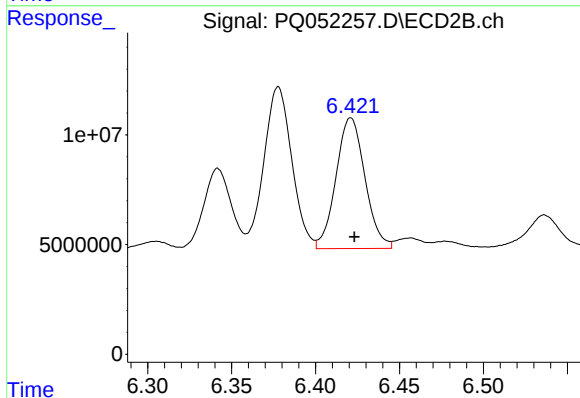
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 69099867
Conc: 207.66 ng/ml



#25 AR-1248-5

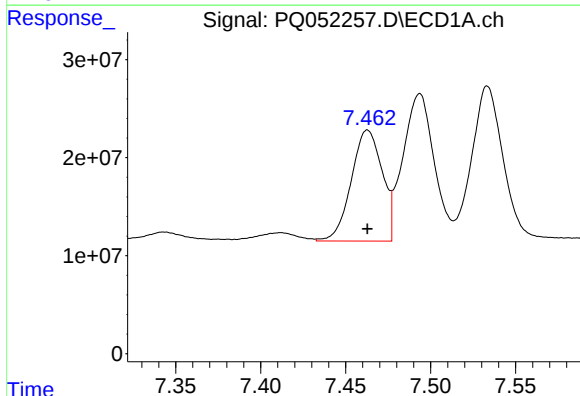
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 210630542
Conc: 205.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



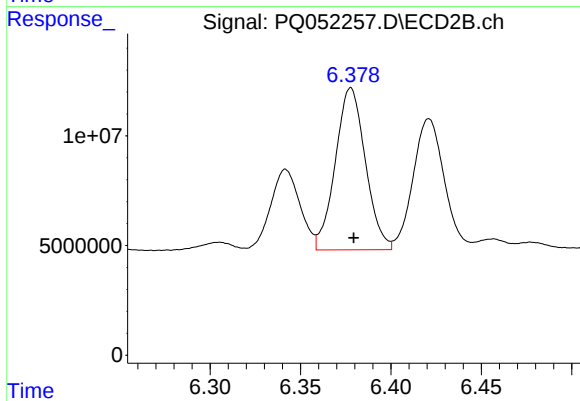
#25 AR-1248-5

R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 71654108
Conc: 200.40 ng/ml



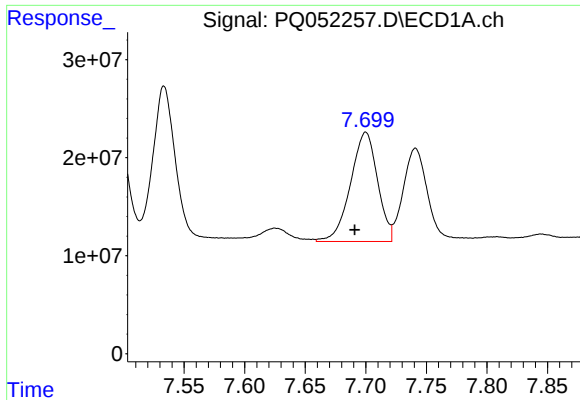
#26 AR-1254-1

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 143350268
Conc: 144.30 ng/ml



#26 AR-1254-1

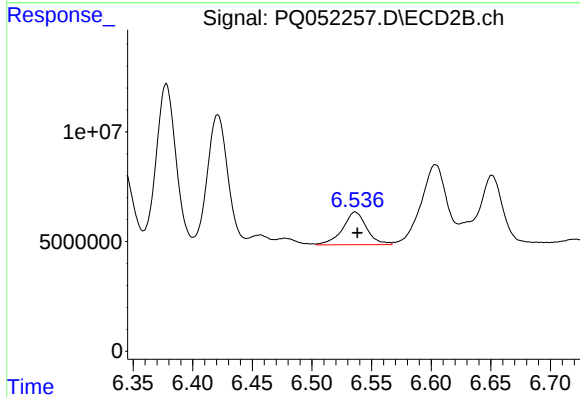
R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 85712719
Conc: 160.72 ng/ml



#27 AR-1254-2

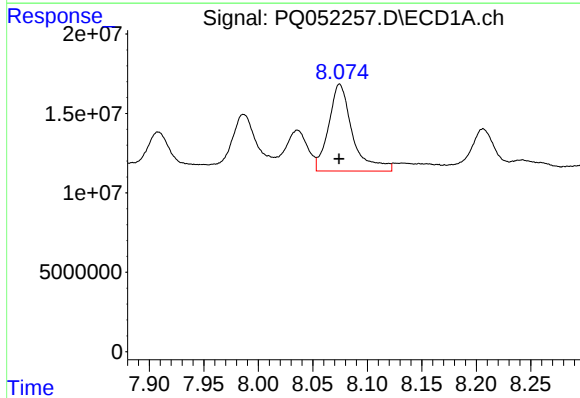
R.T.: 7.700 min
Delta R.T.: 0.009 min
Response: 173249534
Conc: 112.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



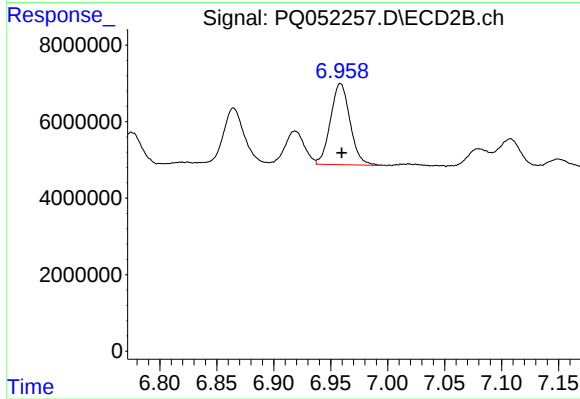
#27 AR-1254-2

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 21009966
Conc: 46.01 ng/ml



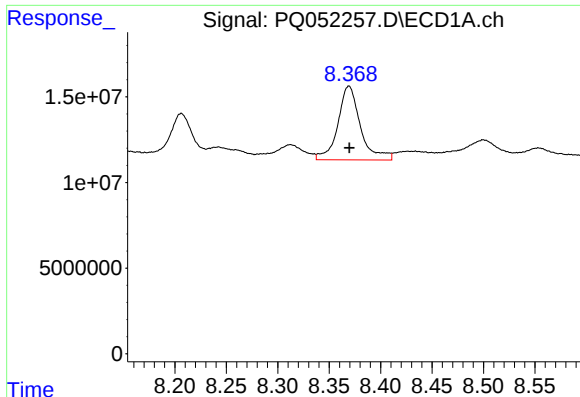
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 83676454
Conc: 49.51 ng/ml



#28 AR-1254-3

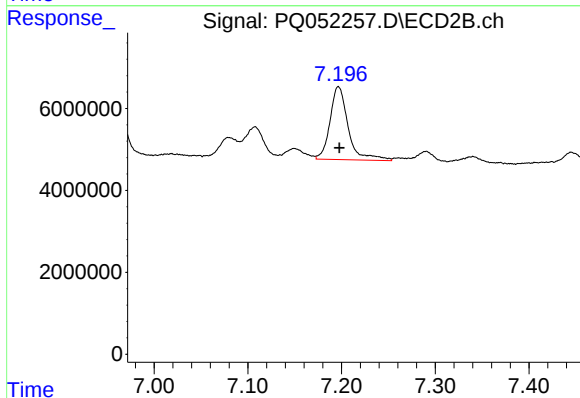
R.T.: 6.959 min
Delta R.T.: -0.001 min
Response: 25342696
Conc: 33.70 ng/ml



#29 AR-1254-4

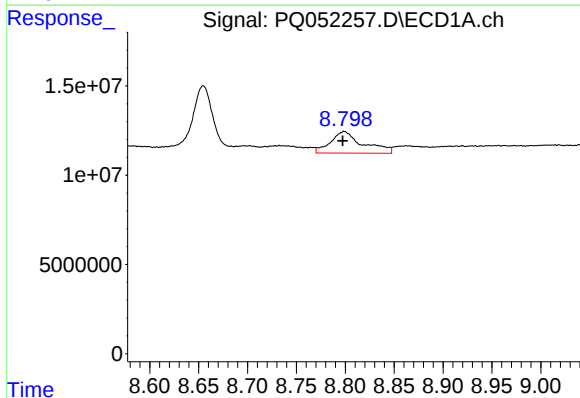
R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 65936361
Conc: 52.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



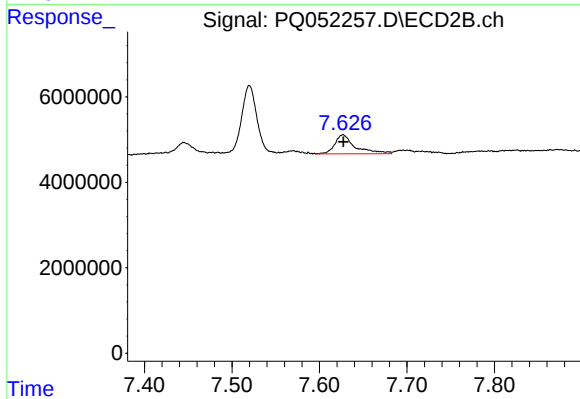
#29 AR-1254-4

R.T.: 7.197 min
Delta R.T.: -0.001 min
Response: 24004684
Conc: 47.58 ng/ml



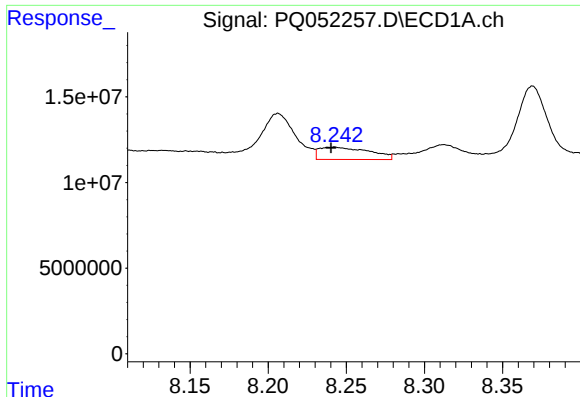
#30 AR-1254-5

R.T.: 8.799 min
Delta R.T.: 0.001 min
Response: 27841288
Conc: 20.72 ng/ml



#30 AR-1254-5

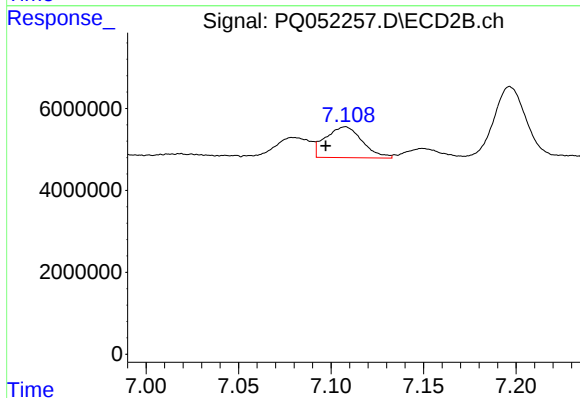
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 7199730
Conc: 10.59 ng/ml



#31 AR-1260-1

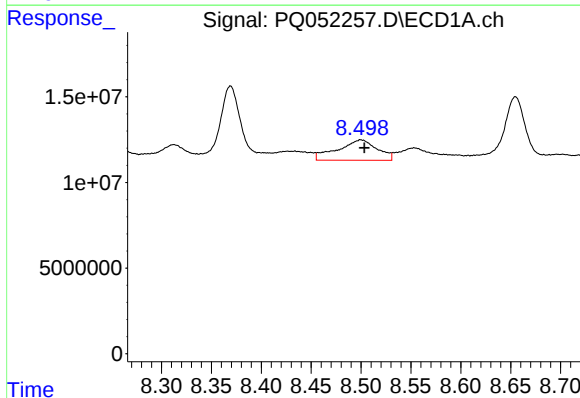
R.T.: 8.242 min
Delta R.T.: 0.001 min
Response: 16125838
Conc: 16.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



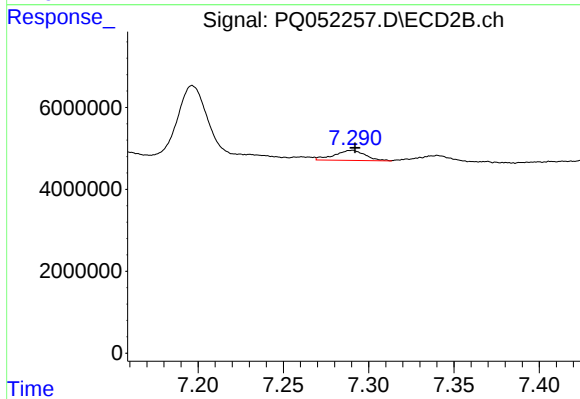
#31 AR-1260-1

R.T.: 7.108 min
Delta R.T.: 0.011 min
Response: 10456941
Conc: 25.53 ng/ml



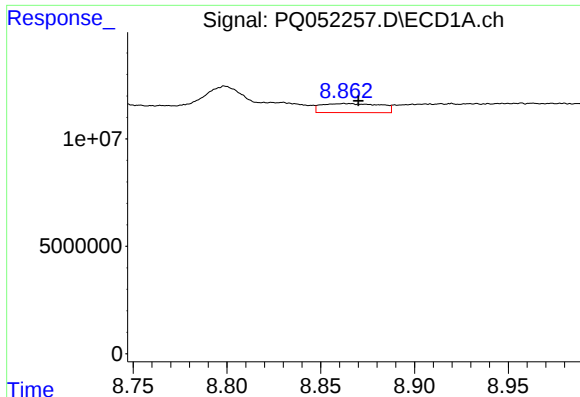
#32 AR-1260-2

R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 32877663
Conc: 26.77 ng/ml



#32 AR-1260-2

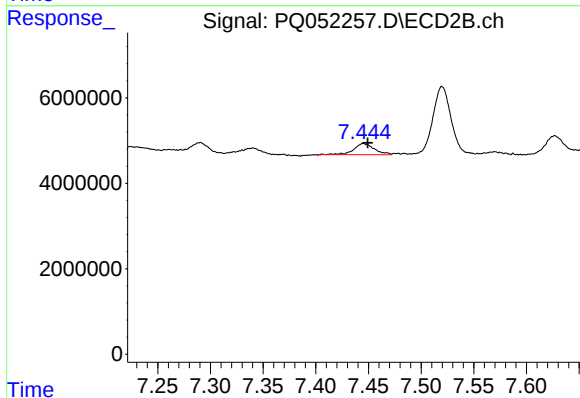
R.T.: 7.290 min
Delta R.T.: -0.002 min
Response: 3092770
Conc: 5.82 ng/ml



#33 AR-1260-3

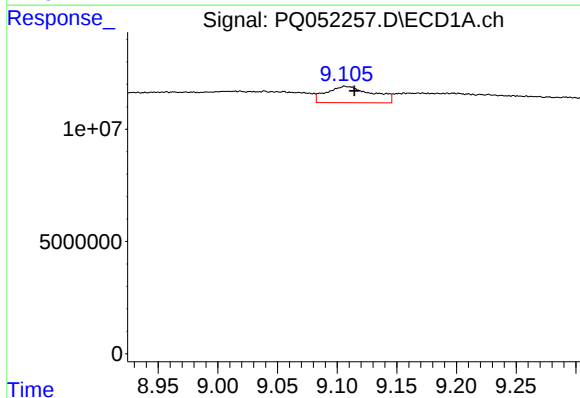
R.T.: 8.863 min
Delta R.T.: -0.007 min
Response: 9164923
Conc: 10.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



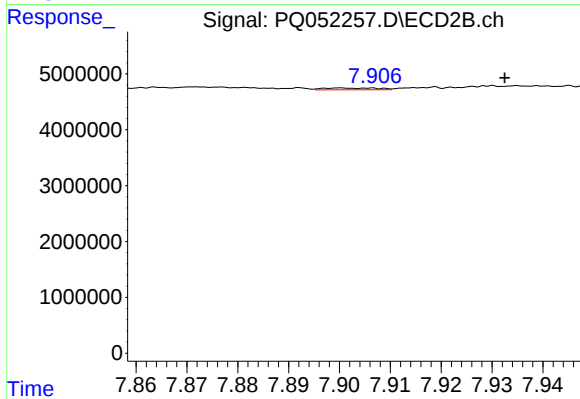
#33 AR-1260-3

R.T.: 7.445 min
Delta R.T.: -0.004 min
Response: 3580712
Conc: 7.49 ng/ml



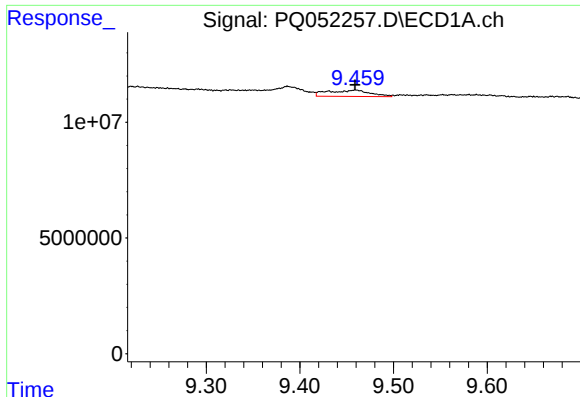
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.007 min
Response: 19590148
Conc: 18.18 ng/ml



#34 AR-1260-4

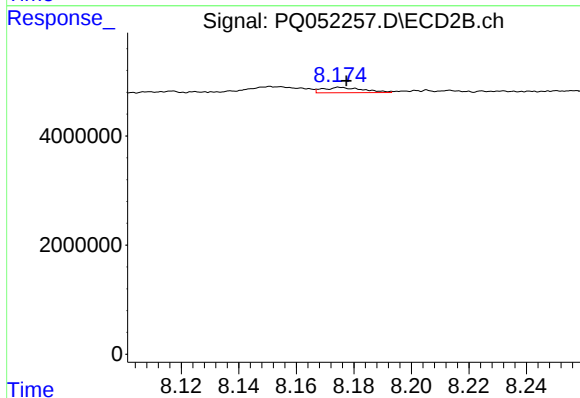
R.T.: 7.900 min
Delta R.T.: -0.032 min
Response: 247356
Conc: 0.61 ng/ml



#35 AR-1260-5

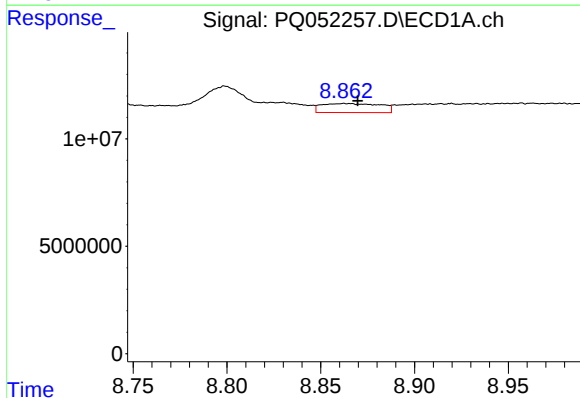
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 8483107
Conc: 3.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



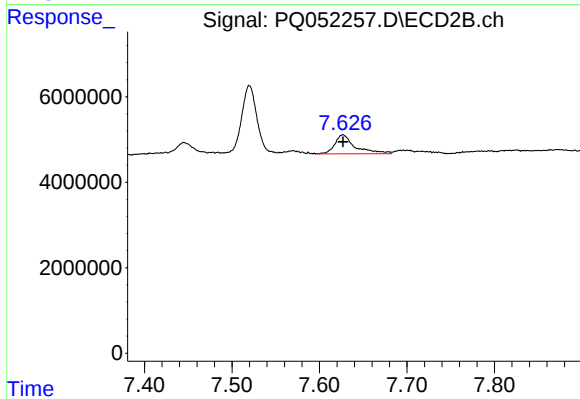
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 945412
Conc: 0.88 ng/ml



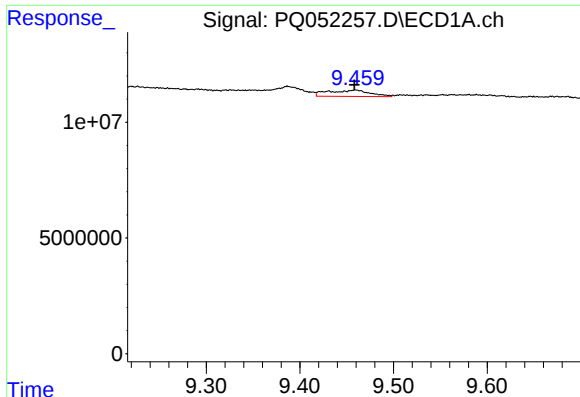
#36 AR-1262-1

R.T.: 8.863 min
Delta R.T.: -0.007 min
Response: 9164923
Conc: 5.82 ng/ml



#36 AR-1262-1

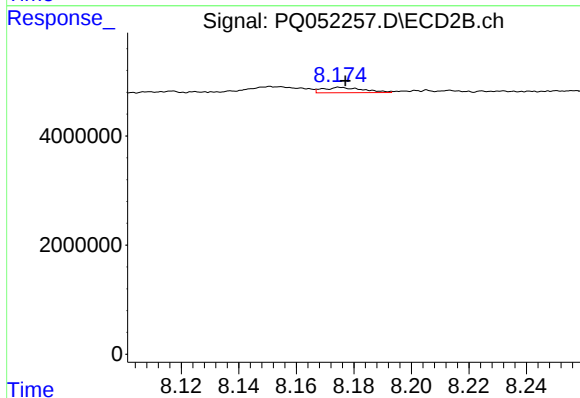
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 7199730
Conc: 20.85 ng/ml



#37 AR-1262-2

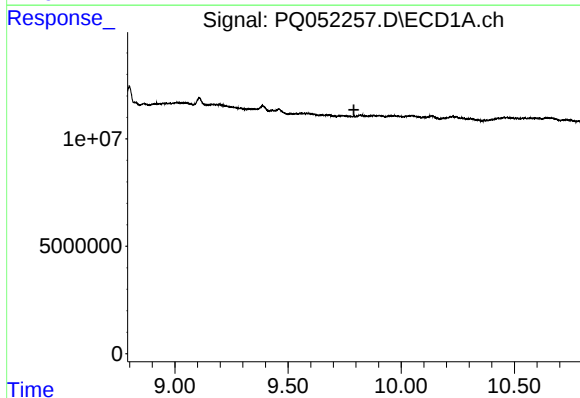
R.T.: 9.459 min
Delta R.T.: 0.001 min
Response: 8483107
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



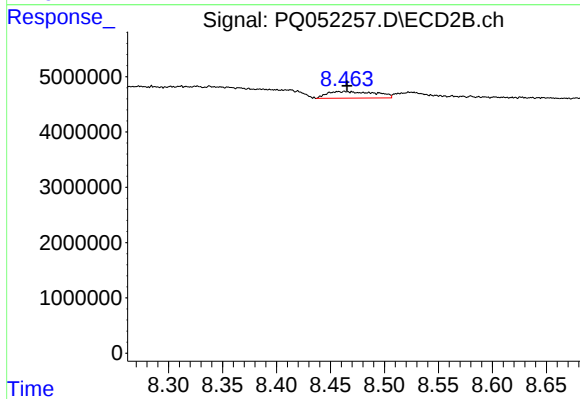
#37 AR-1262-2

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 945412
Conc: 0.70 ng/ml



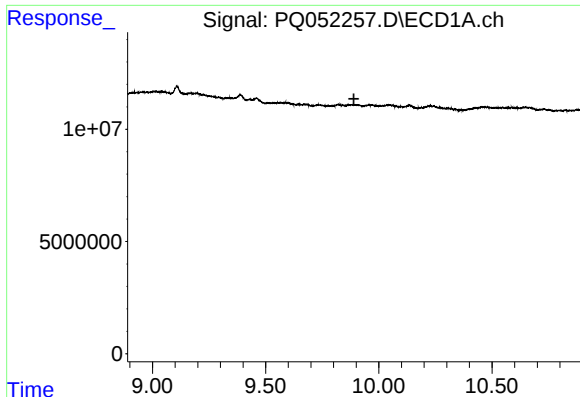
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.791 min
Response: 0
Conc: N.D.



#38 AR-1262-3

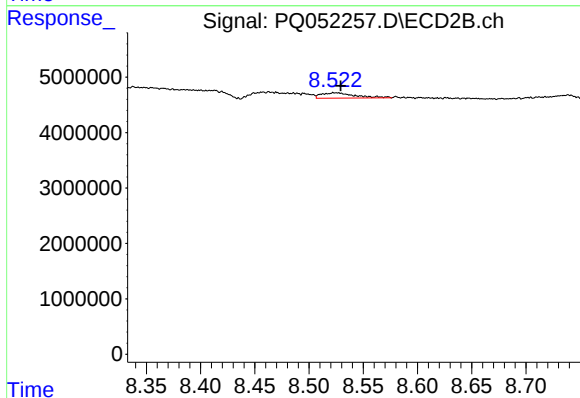
R.T.: 8.457 min
Delta R.T.: -0.008 min
Response: 3725149
Conc: 7.12 ng/ml



#39 AR-1262-4

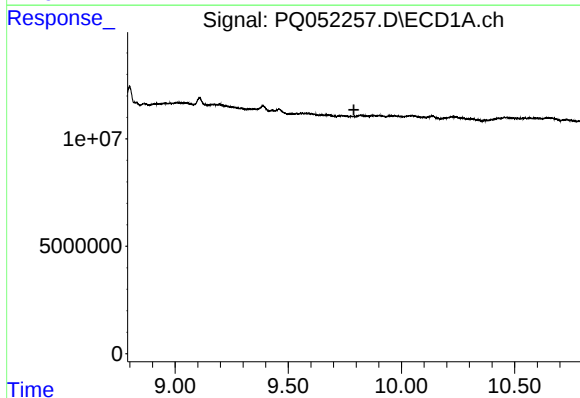
R.T.: 0.000 min
Exp R.T.: 9.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



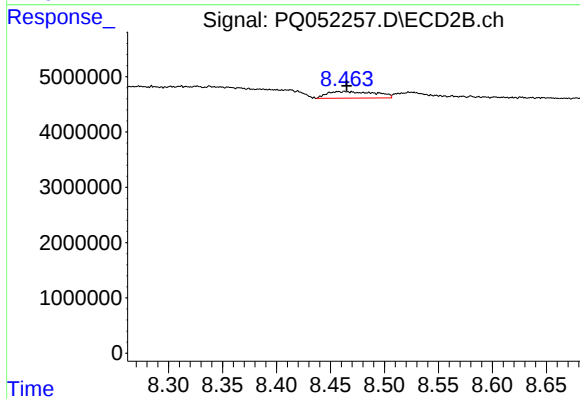
#39 AR-1262-4

R.T.: 8.524 min
Delta R.T.: -0.006 min
Response: 2073236
Conc: 2.12 ng/ml



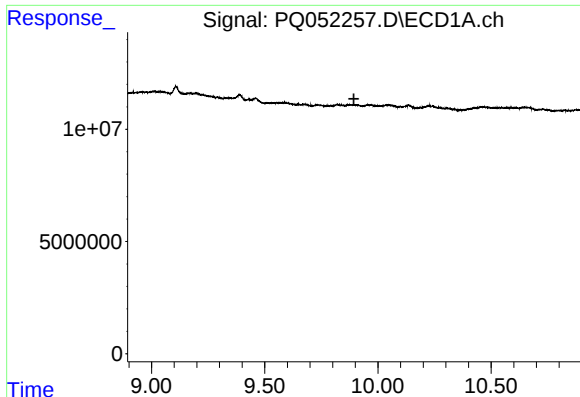
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.790 min
Response: 0
Conc: N.D.



#41 AR-1268-1

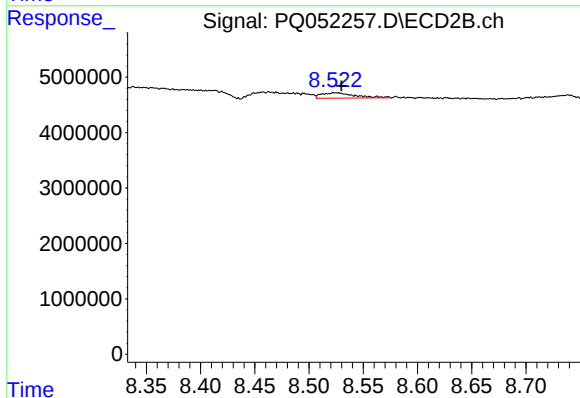
R.T.: 8.457 min
Delta R.T.: -0.008 min
Response: 3725149
Conc: 2.31 ng/ml



#42 AR-1268-2

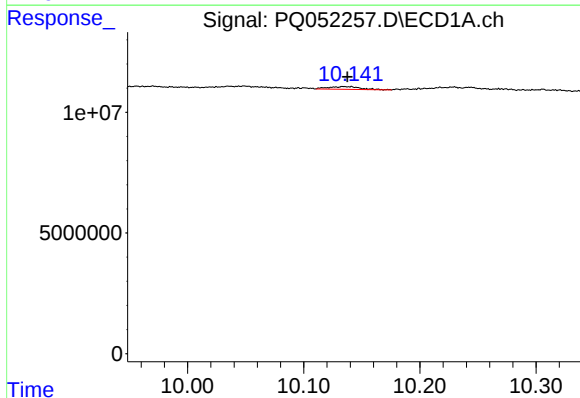
R.T.: 0.000 min
Exp R.T.: 9.894 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



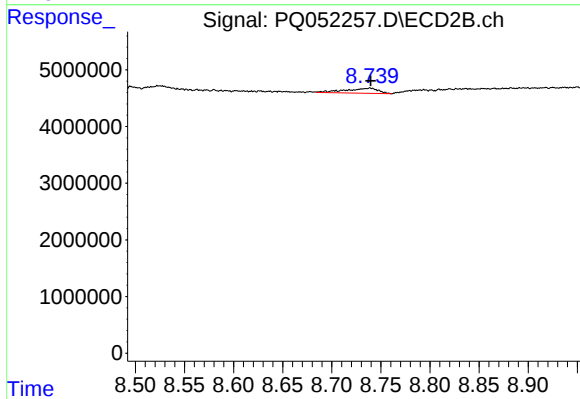
#42 AR-1268-2

R.T.: 8.524 min
Delta R.T.: -0.006 min
Response: 2073236
Conc: 1.39 ng/ml



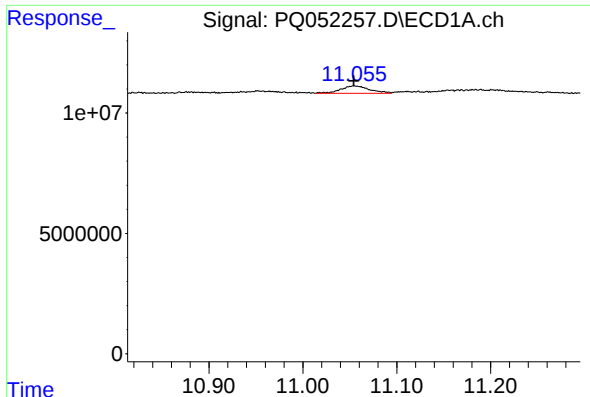
#43 AR-1268-3

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 2102056
Conc: 0.76 ng/ml



#43 AR-1268-3

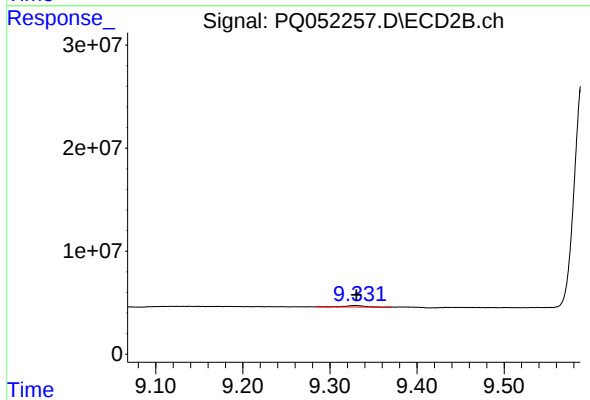
R.T.: 8.739 min
Delta R.T.: 0.000 min
Response: 2048375
Conc: 1.63 ng/ml



#45 AR-1268-5

R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 6591247
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.002 min
Response: 2061967
Conc: 0.51 ng/ml