

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121923\
 Data File : PR064778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 11:27
 Operator : AJ\MA
 Sample : 05849-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 01:22:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 15 04:19:57 2023
 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...	3.702	3.008	119.6E6	108.8E6	19.798	20.151
2)	SA Decachlor...	9.722	8.386	81252032	83008170	36.873	31.702
Target Compounds							
3)	L1 AR-1016-1	4.946	4.143	33372098	4262066	184.345	22.969 #
4)	L1 AR-1016-2	4.946	4.172	33372098	5660553	125.792	22.298 #
5)	L1 AR-1016-3	5.032	4.360	6920058	5051390	41.048	36.607
6)	L1 AR-1016-4	5.127	4.406	8998934	4260810	66.089	40.028 #
8)	L2 AR-1221-1	3.912	3.230	1706148	1453598	24.905	24.014
9)	L2 AR-1221-2	4.017	3.317	2433958	1726922	52.252	40.920
10)	L2 AR-1221-3	4.115	3.405	1079912	788361	7.019	5.504
11)	L3 AR-1232-1	4.115	3.405	1079912	788361	9.035	7.157
12)	L3 AR-1232-2	4.649	4.172	11205189	5660553	168.073	52.892 #
13)	L3 AR-1232-3	4.946	4.360	33372098	5051390	291.241	89.180 #
14)	L3 AR-1232-4	5.127	4.457	8998934	6861187	153.831	138.298
15)	L3 AR-1232-5	5.231	4.634	6750091	919514	158.773	16.989 #
16)	L4 AR-1242-1	4.946	4.143	33372098	4262066	230.663	29.059 #
17)	L4 AR-1242-2	4.946	4.172	33372098	5660553	159.858	28.426 #
18)	L4 AR-1242-3	5.032	4.360	6920058	5051390	51.158	46.702
19)	L4 AR-1242-4	5.127	4.457	8998934	6861187	83.380	65.982
20)	L4 AR-1242-5	5.956	5.010	27756216	78303880	242.500	582.284 #
21)	L5 AR-1248-1	4.946	4.143	33372098	4262066	304.885	38.384 #
22)	L5 AR-1248-2	5.231	4.406	6750091	4260810	43.221	28.356 #
23)	L5 AR-1248-3	5.462	4.457	-2351133	6861187	N.D.	43.671 #
24)	L5 AR-1248-4	5.883	4.634	174.0E6	919514	889.735	4.845 #
25)	L5 AR-1248-5	5.956	5.056	27756216	22605490	141.975	117.056
26)	L6 AR-1254-1	5.883	5.010	174.0E6	78303880	865.326	272.380 #
27)	L6 AR-1254-2	6.096	5.182	86838136	35705492	285.513	143.381 #
28)	L6 AR-1254-3	6.495	5.601	72463582	21582901	232.804	54.241 #
29)	L6 AR-1254-4	6.790	5.856	7308492	9302605	33.236	37.253
30)	L6 AR-1254-5	7.296	6.310	246.4E6	274.3E6	1037.642	769.623 #
31)	L7 AR-1260-1	6.674	5.761	13926796	77915282	55.732	269.625 #
32)	L7 AR-1260-2	6.944	5.980	265.0E6	269.7E6	927.086	776.294
33)	L7 AR-1260-3	7.359	6.113	6223305	11718567	29.351	35.602
34)	L7 AR-1260-4	7.591	6.625	28273	15250559	0.123	56.542 #
35)	L7 AR-1260-5	7.943	6.900	18715440	19074088	43.617	30.523 #
36)	L8 AR-1262-1	7.359	6.350	6223305	21853520	21.642	59.859 #
37)	L8 AR-1262-2	7.943	6.900	18715440	19074088	40.171	28.911 #
38)	L8 AR-1262-3	8.251	7.212	13173272	10940030	41.782	43.630
39)	L8 AR-1262-4	8.324	7.274	7679119	25790759	32.206	54.035 #
40)	L8 AR-1262-5	8.995	7.824	1791231	848675	11.022	3.997 #
41)	L9 AR-1268-1	8.251	7.212	13173272	10940030	23.117	13.995 #
42)	L9 AR-1268-2	8.324	7.274	7679119	25790759	15.170	35.939 #

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 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	8.575	7.497	4525586	16932672	10.223	28.273 #
44) L9	AR-1268-4	8.995	7.824	1791231	848675	9.639	3.397 #
45) L9	AR-1268-5	9.398	8.125	12809889	10228862	9.568	5.689 #

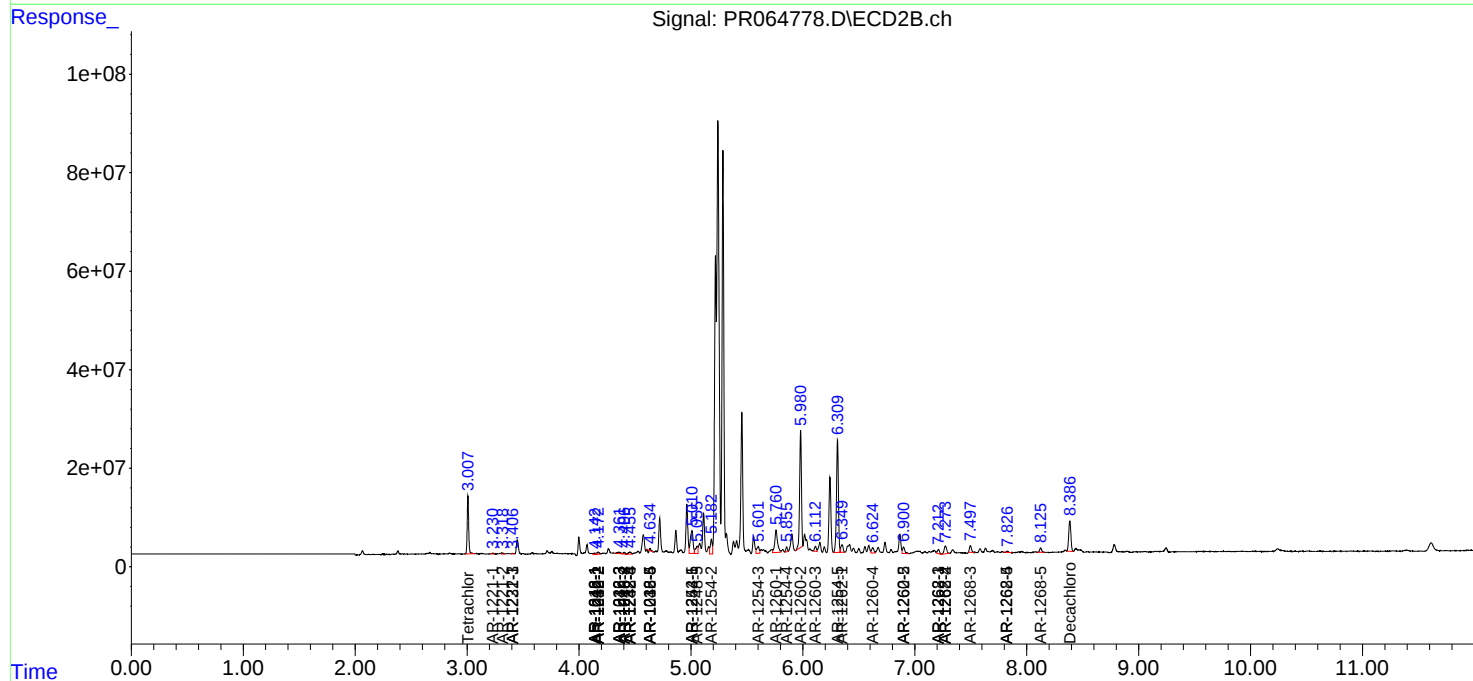
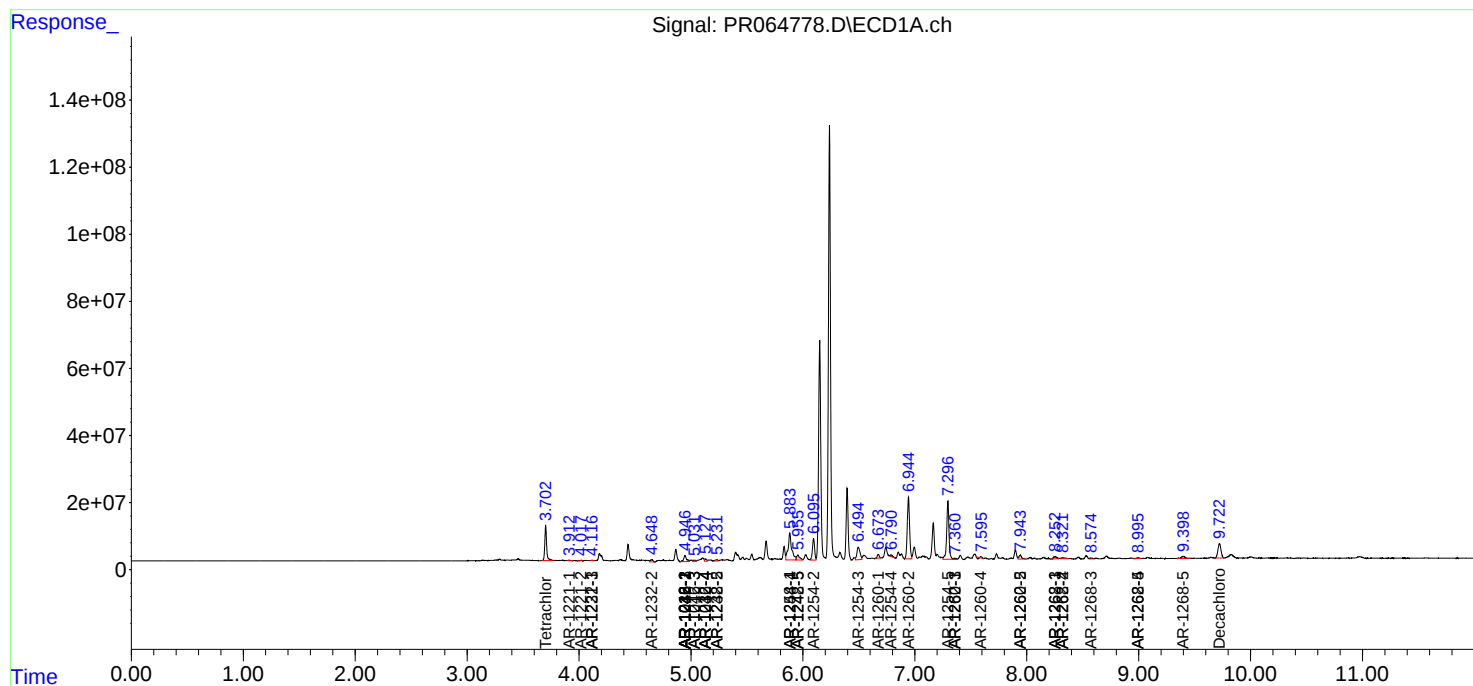
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

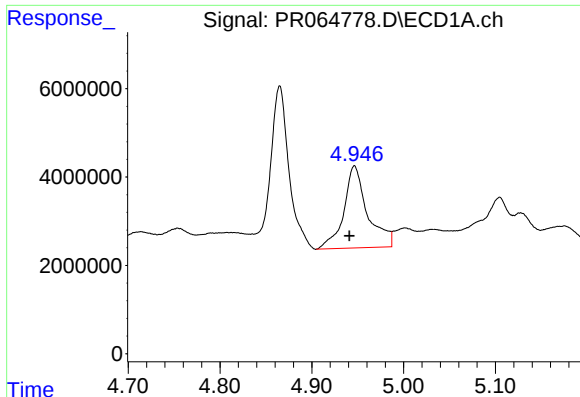
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121923\
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Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 15 04:19:57 2023
Response via : Initial Calibration
Integrator: ChemStation

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

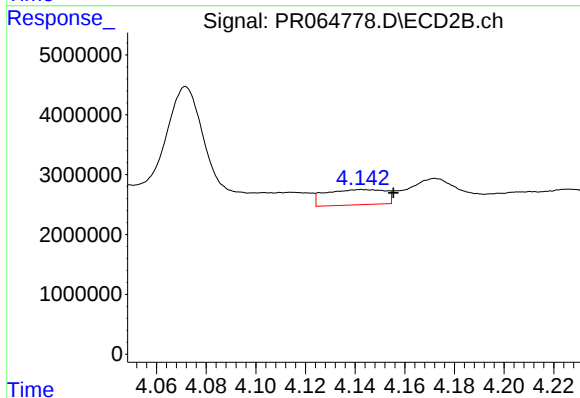




#3 AR-1016-1

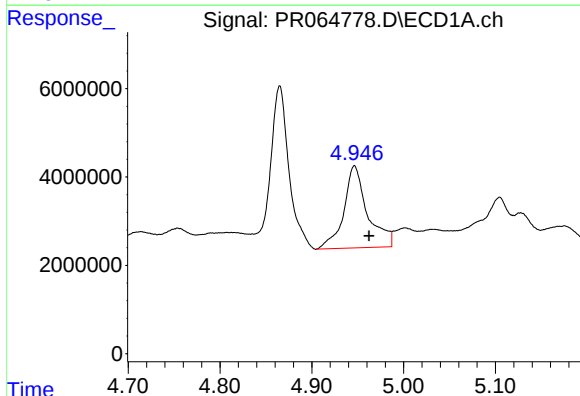
R.T.: 4.946 min
Delta R.T.: 0.005 min
Response: 33372098
Conc: 184.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



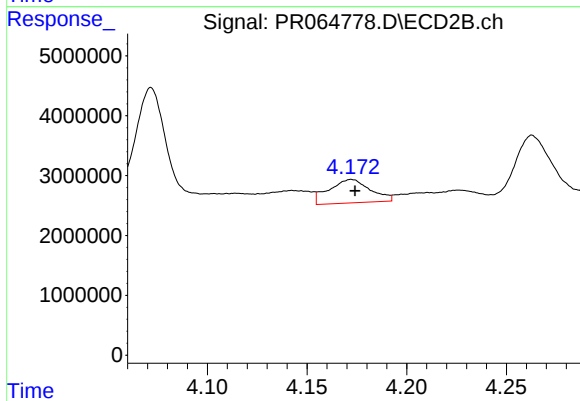
#3 AR-1016-1

R.T.: 4.143 min
Delta R.T.: -0.013 min
Response: 4262066
Conc: 22.97 ng/ml



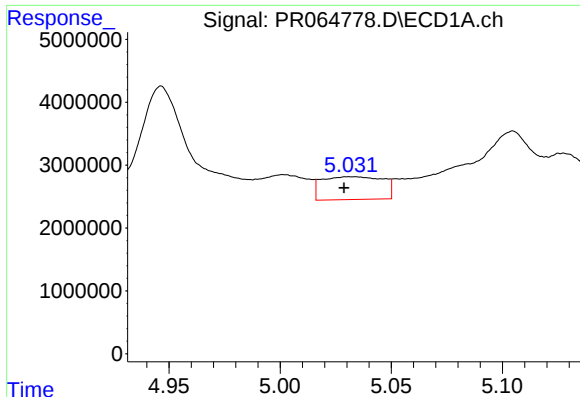
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.016 min
Response: 33372098
Conc: 125.79 ng/ml



#4 AR-1016-2

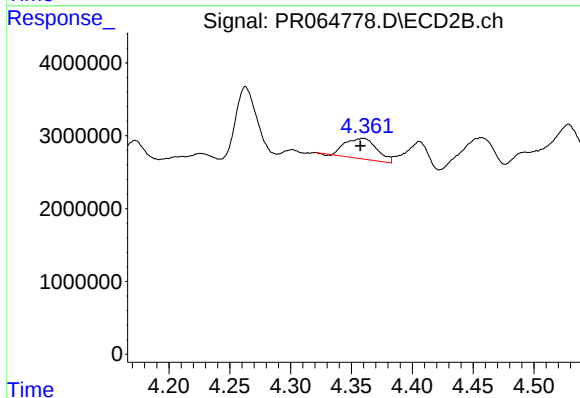
R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 5660553
Conc: 22.30 ng/ml



#5 AR-1016-3

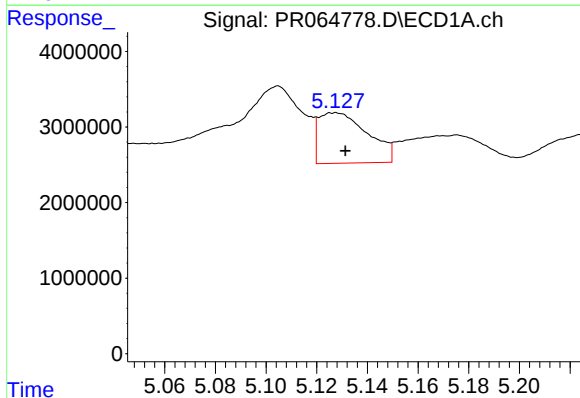
R.T.: 5.032 min
Delta R.T.: 0.003 min
Response: 6920058
Conc: 41.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



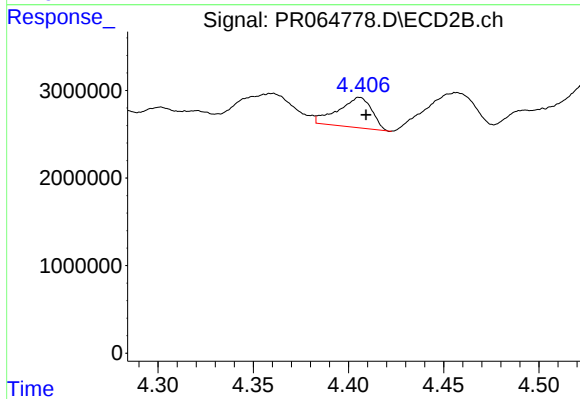
#5 AR-1016-3

R.T.: 4.360 min
Delta R.T.: 0.003 min
Response: 5051390
Conc: 36.61 ng/ml



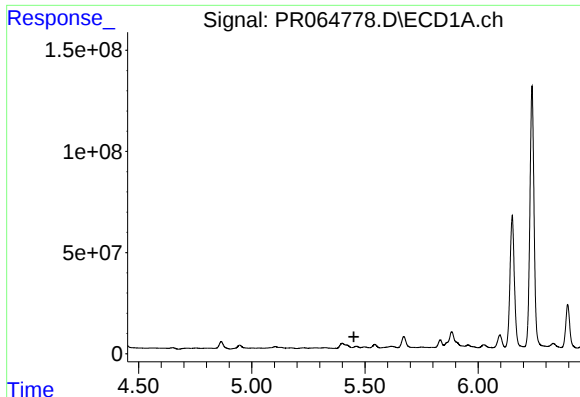
#6 AR-1016-4

R.T.: 5.127 min
Delta R.T.: -0.004 min
Response: 8998934
Conc: 66.09 ng/ml



#6 AR-1016-4

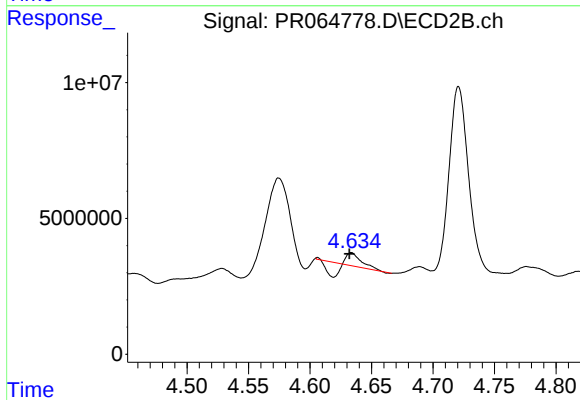
R.T.: 4.406 min
Delta R.T.: -0.003 min
Response: 4260810
Conc: 40.03 ng/ml



#7 AR-1016-5

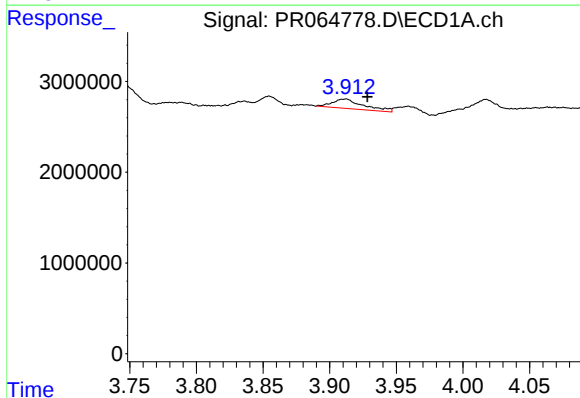
R.T.: 5.462 min
Delta R.T.: 0.011 min
Response: -2351133
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



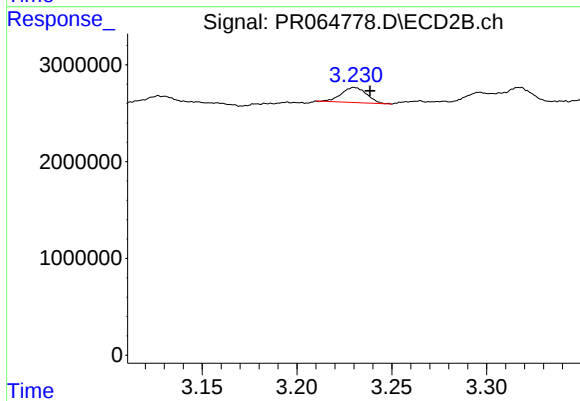
#7 AR-1016-5

R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 919514
Conc: 6.56 ng/ml



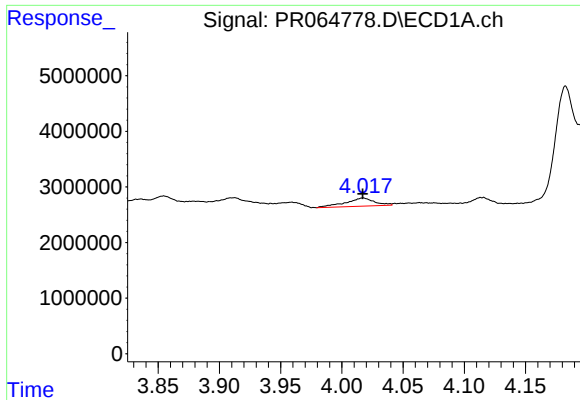
#8 AR-1221-1

R.T.: 3.912 min
Delta R.T.: -0.017 min
Response: 1706148
Conc: 24.91 ng/ml



#8 AR-1221-1

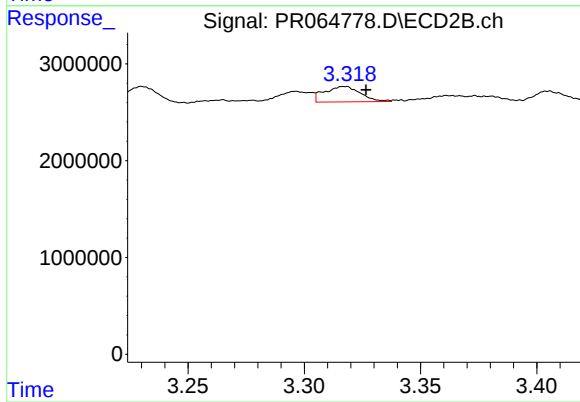
R.T.: 3.230 min
Delta R.T.: -0.008 min
Response: 1453598
Conc: 24.01 ng/ml



#9 AR-1221-2

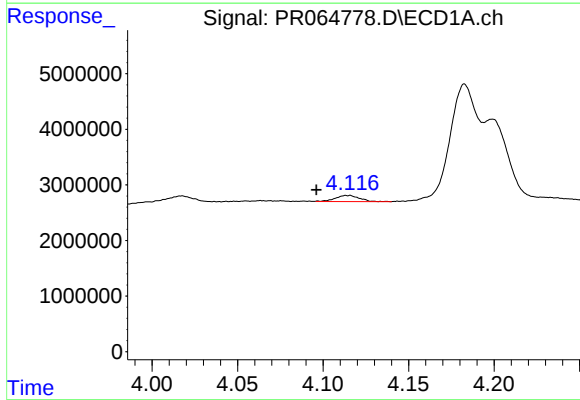
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2433958
Conc: 52.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



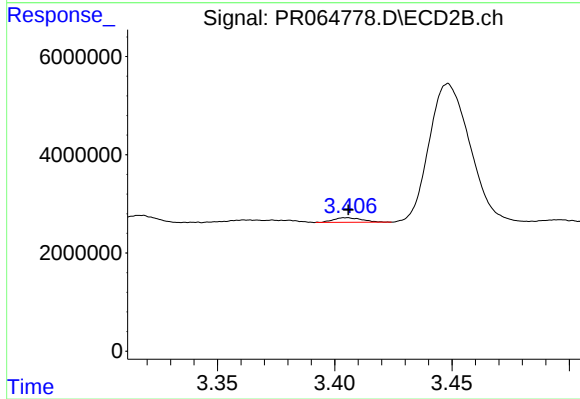
#9 AR-1221-2

R.T.: 3.317 min
Delta R.T.: -0.009 min
Response: 1726922
Conc: 40.92 ng/ml



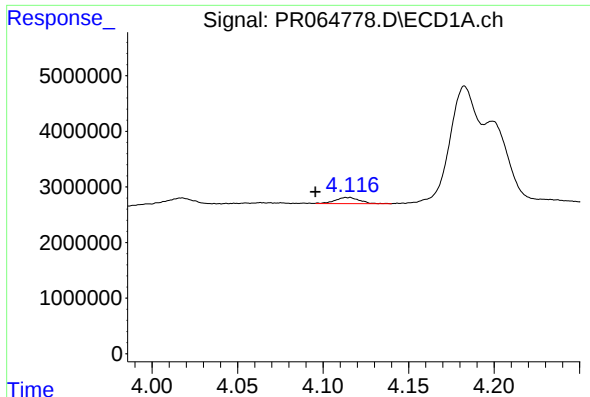
#10 AR-1221-3

R.T.: 4.115 min
Delta R.T.: 0.019 min
Response: 1079912
Conc: 7.02 ng/ml



#10 AR-1221-3

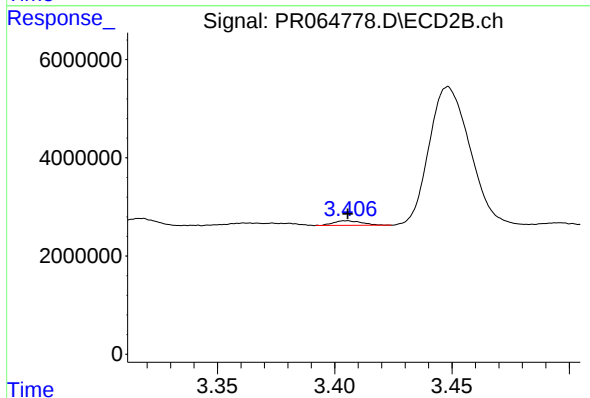
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 788361
Conc: 5.50 ng/ml



#11 AR-1232-1

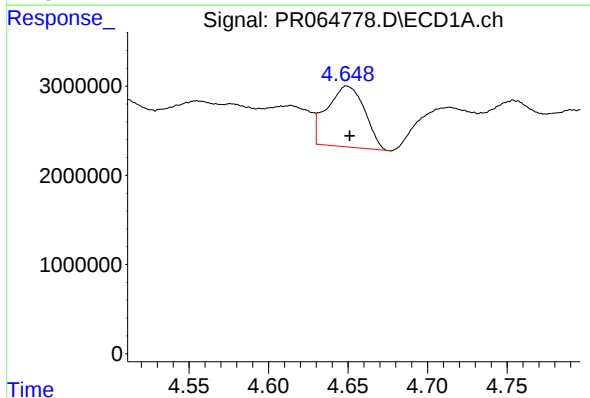
R.T.: 4.115 min
Delta R.T.: 0.019 min
Response: 1079912
Conc: 9.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



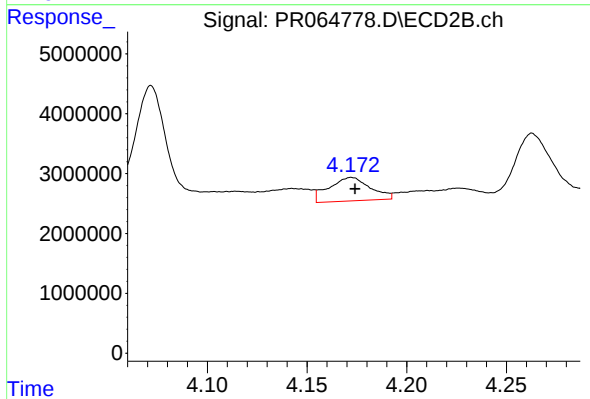
#11 AR-1232-1

R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 788361
Conc: 7.16 ng/ml



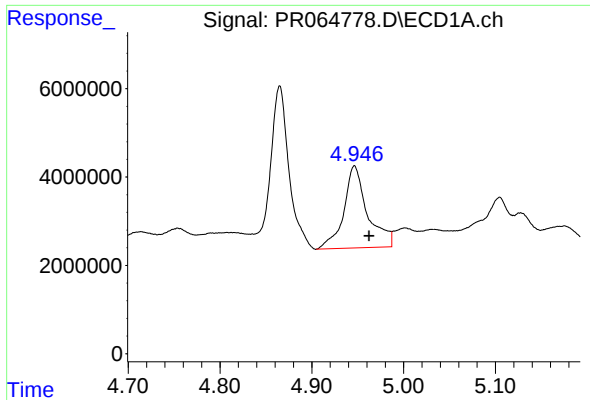
#12 AR-1232-2

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 11205189
Conc: 168.07 ng/ml



#12 AR-1232-2

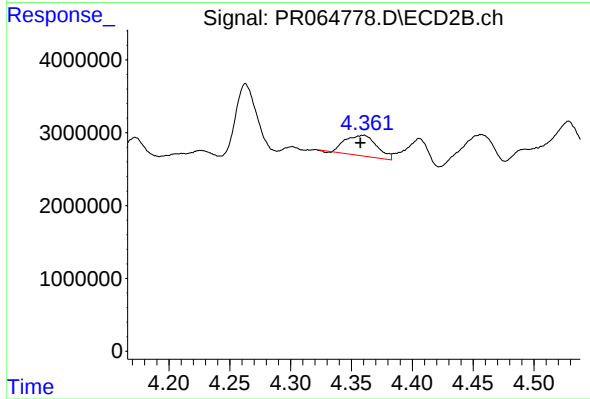
R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 5660553
Conc: 52.89 ng/ml



#13 AR-1232-3

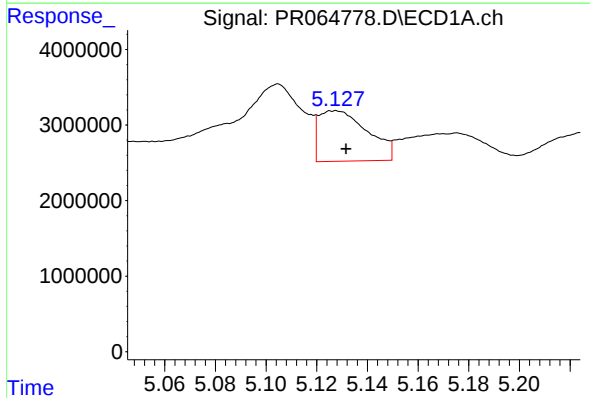
R.T.: 4.946 min
Delta R.T.: -0.016 min
Response: 33372098
Conc: 291.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



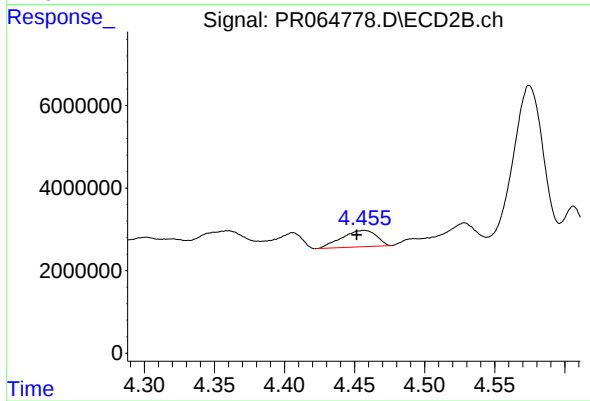
#13 AR-1232-3

R.T.: 4.360 min
Delta R.T.: 0.002 min
Response: 5051390
Conc: 89.18 ng/ml



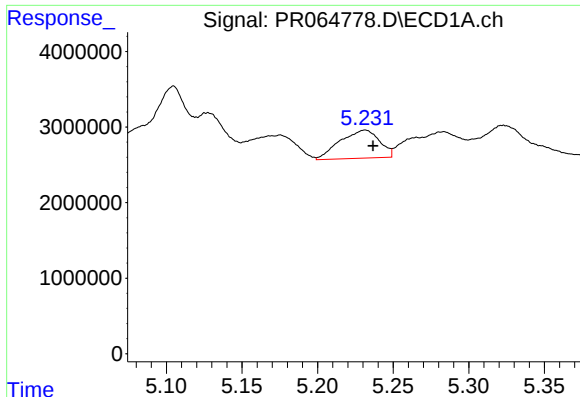
#14 AR-1232-4

R.T.: 5.127 min
Delta R.T.: -0.004 min
Response: 8998934
Conc: 153.83 ng/ml



#14 AR-1232-4

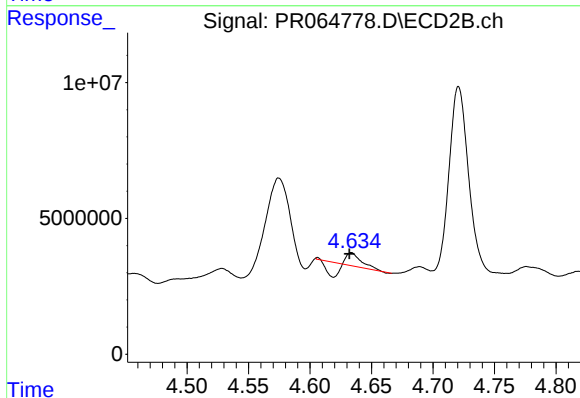
R.T.: 4.457 min
Delta R.T.: 0.005 min
Response: 6861187
Conc: 138.30 ng/ml



#15 AR-1232-5

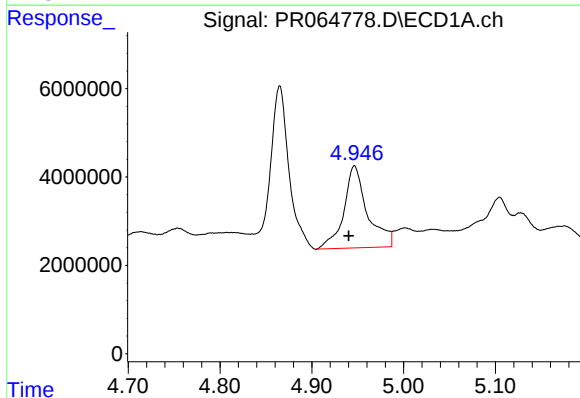
R.T.: 5.231 min
Delta R.T.: -0.005 min
Response: 6750091
Conc: 158.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



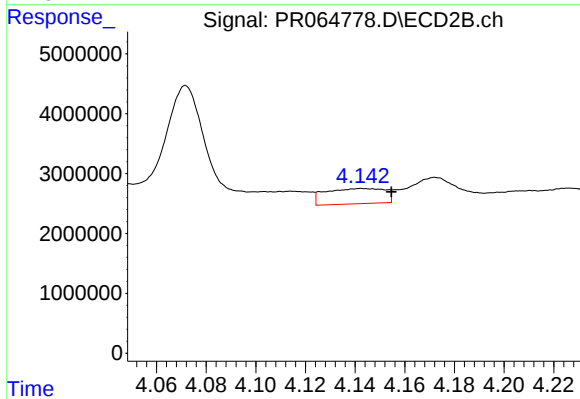
#15 AR-1232-5

R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 919514
Conc: 16.99 ng/ml



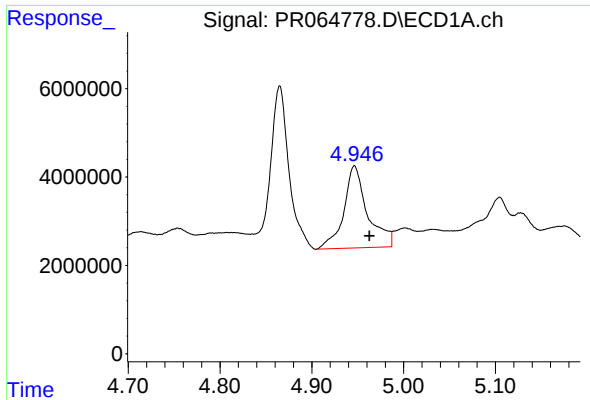
#16 AR-1242-1

R.T.: 4.946 min
Delta R.T.: 0.006 min
Response: 33372098
Conc: 230.66 ng/ml



#16 AR-1242-1

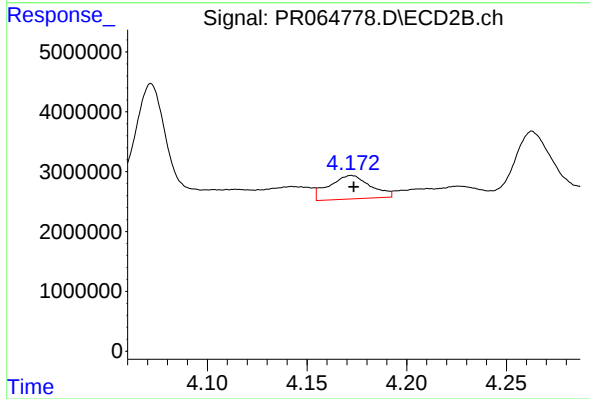
R.T.: 4.143 min
Delta R.T.: -0.012 min
Response: 4262066
Conc: 29.06 ng/ml



#17 AR-1242-2

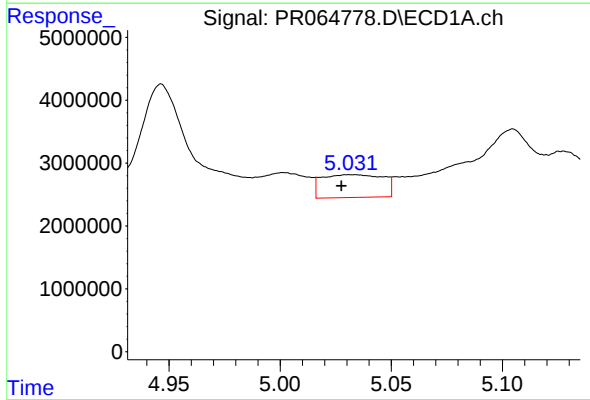
R.T.: 4.946 min
Delta R.T.: -0.016 min
Response: 33372098
Conc: 159.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



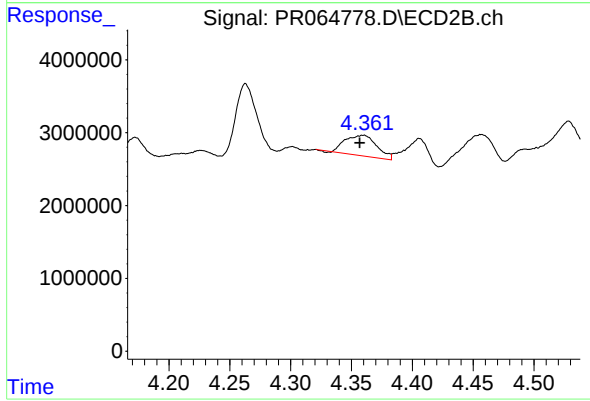
#17 AR-1242-2

R.T.: 4.172 min
Delta R.T.: -0.001 min
Response: 5660553
Conc: 28.43 ng/ml



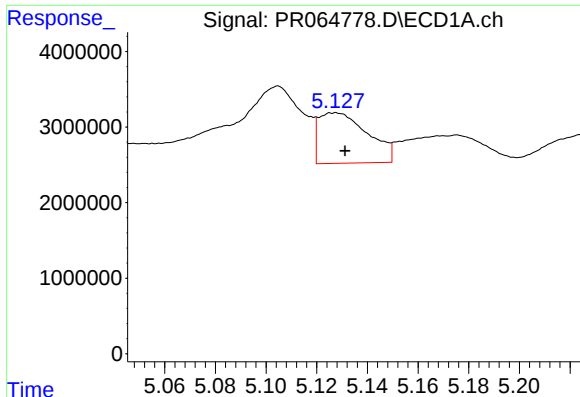
#18 AR-1242-3

R.T.: 5.032 min
Delta R.T.: 0.004 min
Response: 6920058
Conc: 51.16 ng/ml



#18 AR-1242-3

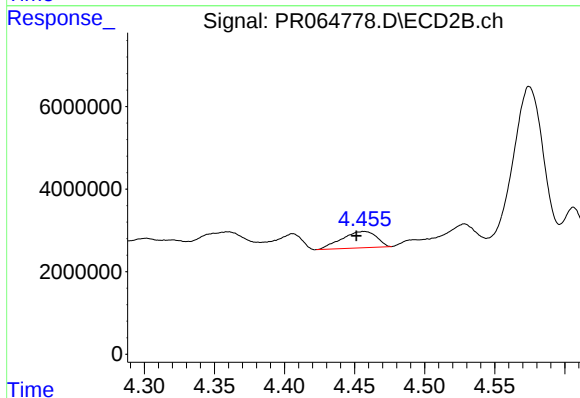
R.T.: 4.360 min
Delta R.T.: 0.003 min
Response: 5051390
Conc: 46.70 ng/ml



#19 AR-1242-4

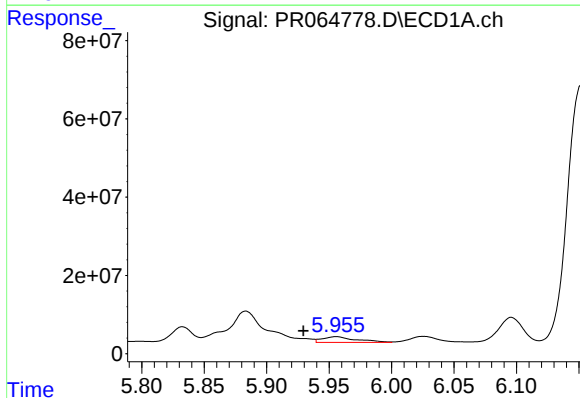
R.T.: 5.127 min
Delta R.T.: -0.004 min
Response: 8998934
Conc: 83.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



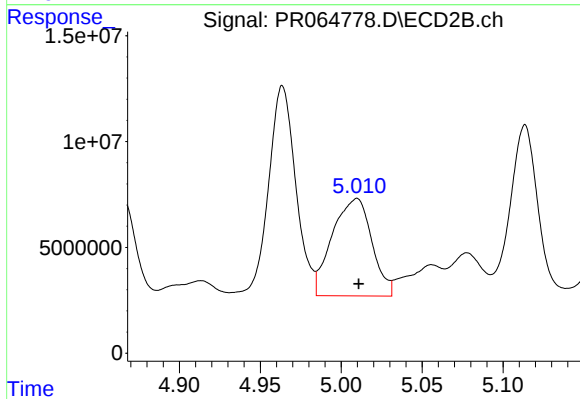
#19 AR-1242-4

R.T.: 4.457 min
Delta R.T.: 0.006 min
Response: 6861187
Conc: 65.98 ng/ml



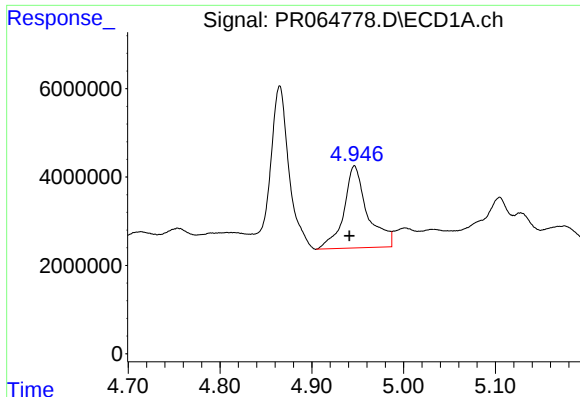
#20 AR-1242-5

R.T.: 5.956 min
Delta R.T.: 0.026 min
Response: 27756216
Conc: 242.50 ng/ml



#20 AR-1242-5

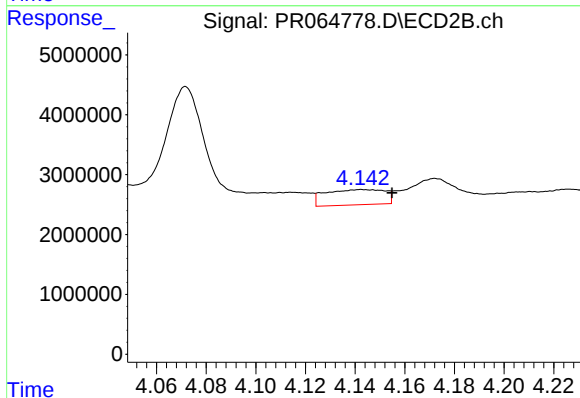
R.T.: 5.010 min
Delta R.T.: -0.001 min
Response: 78303880
Conc: 582.28 ng/ml



#21 AR-1248-1

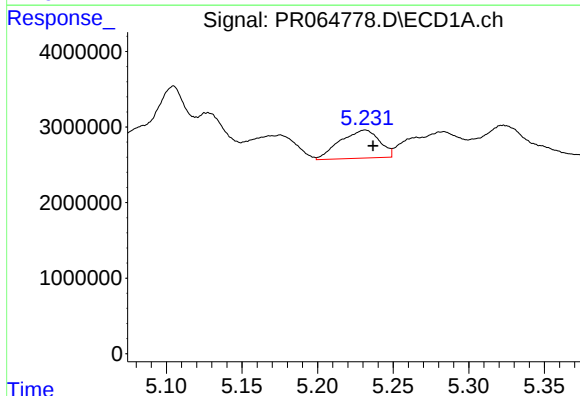
R.T.: 4.946 min
Delta R.T.: 0.006 min
Response: 33372098
Conc: 304.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



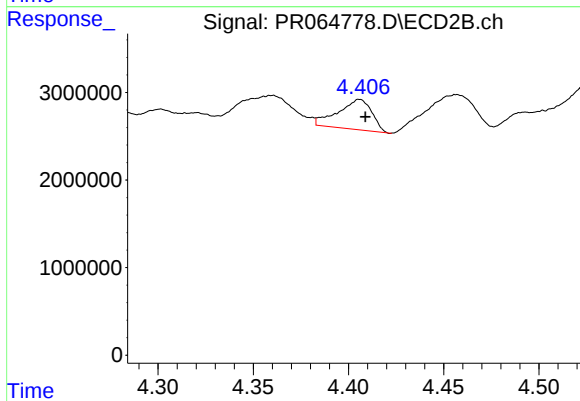
#21 AR-1248-1

R.T.: 4.143 min
Delta R.T.: -0.012 min
Response: 4262066
Conc: 38.38 ng/ml



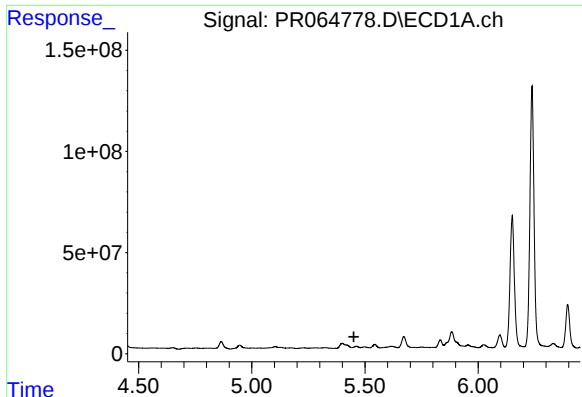
#22 AR-1248-2

R.T.: 5.231 min
Delta R.T.: -0.005 min
Response: 6750091
Conc: 43.22 ng/ml



#22 AR-1248-2

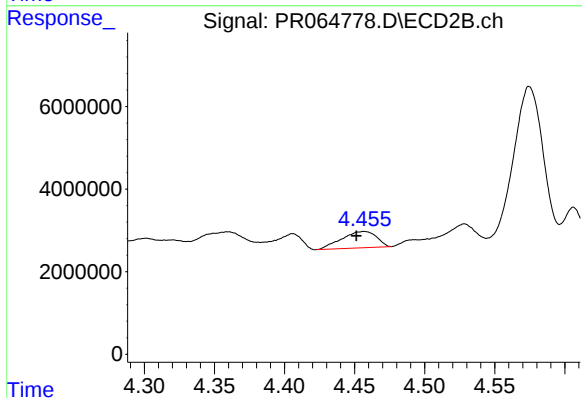
R.T.: 4.406 min
Delta R.T.: -0.003 min
Response: 4260810
Conc: 28.36 ng/ml



#23 AR-1248-3

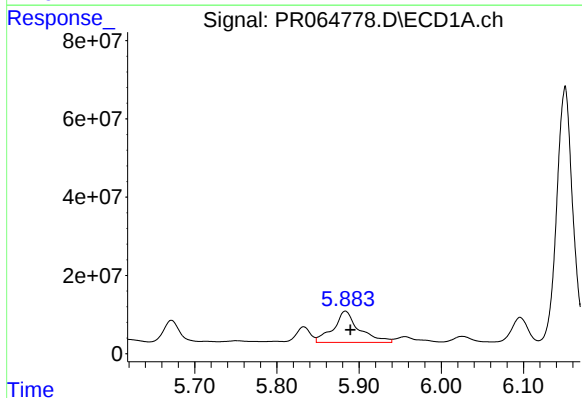
R.T.: 5.462 min
Delta R.T.: 0.011 min
Response: -2351133
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



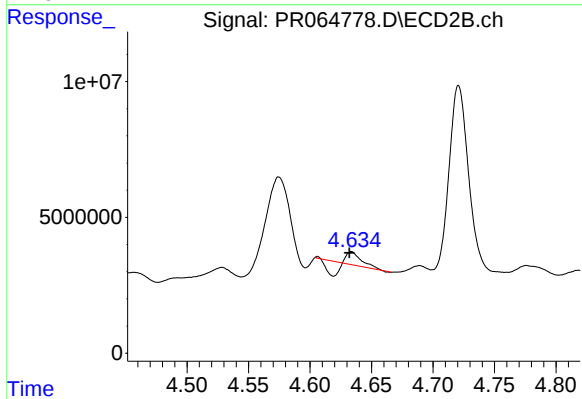
#23 AR-1248-3

R.T.: 4.457 min
Delta R.T.: 0.006 min
Response: 6861187
Conc: 43.67 ng/ml



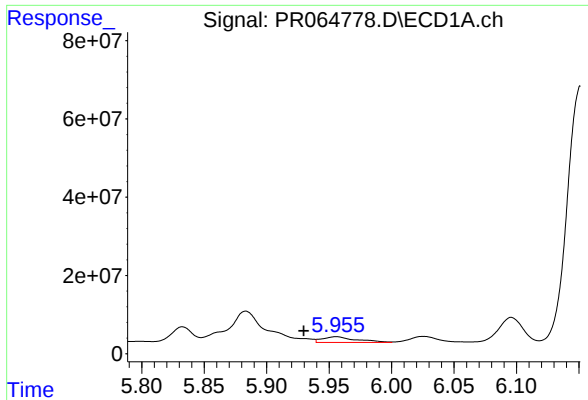
#24 AR-1248-4

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 174023089
Conc: 889.73 ng/ml



#24 AR-1248-4

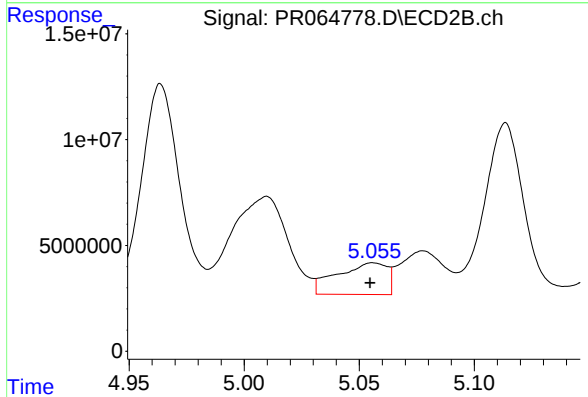
R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 919514
Conc: 4.84 ng/ml



#25 AR-1248-5

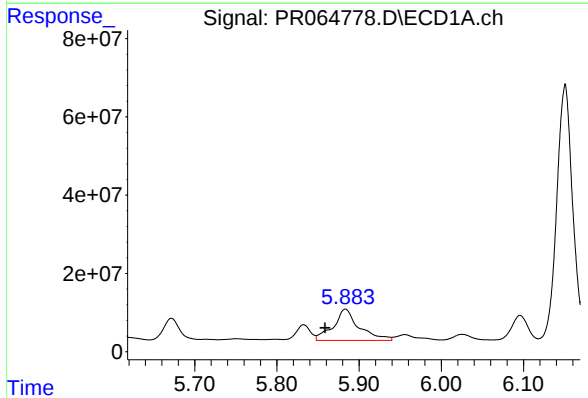
R.T.: 5.956 min
Delta R.T.: 0.026 min
Response: 27756216
Conc: 141.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



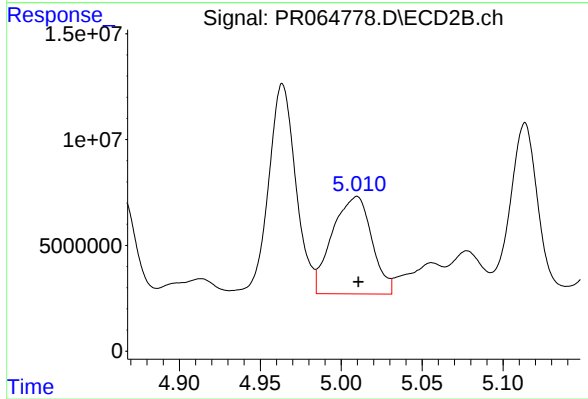
#25 AR-1248-5

R.T.: 5.056 min
Delta R.T.: 0.001 min
Response: 22605490
Conc: 117.06 ng/ml



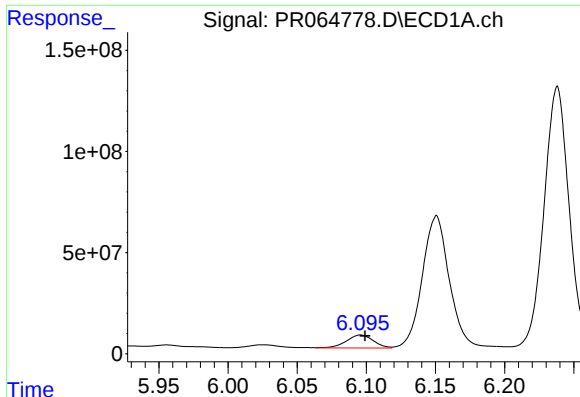
#26 AR-1254-1

R.T.: 5.883 min
Delta R.T.: 0.025 min
Response: 174023089
Conc: 865.33 ng/ml



#26 AR-1254-1

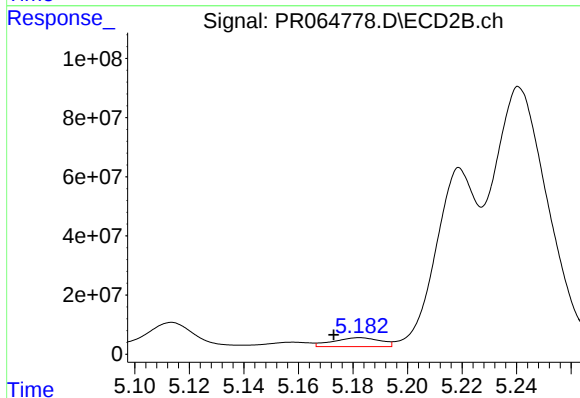
R.T.: 5.010 min
Delta R.T.: -0.001 min
Response: 78303880
Conc: 272.38 ng/ml



#27 AR-1254-2

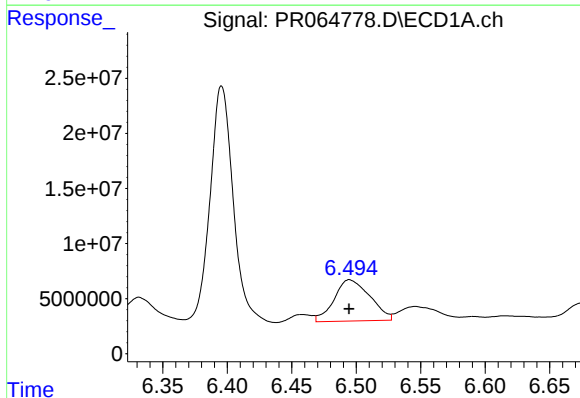
R.T.: 6.096 min
Delta R.T.: -0.003 min
Response: 86838136
Conc: 285.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



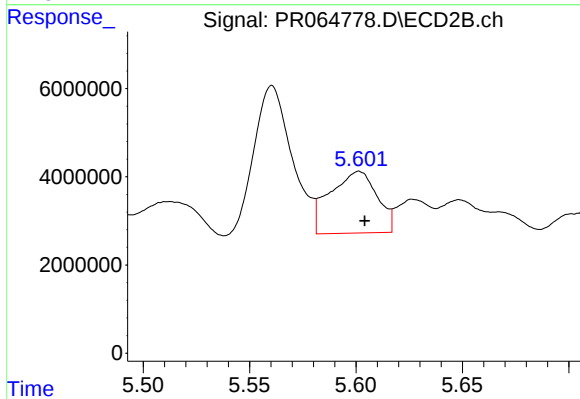
#27 AR-1254-2

R.T.: 5.182 min
Delta R.T.: 0.009 min
Response: 35705492
Conc: 143.38 ng/ml



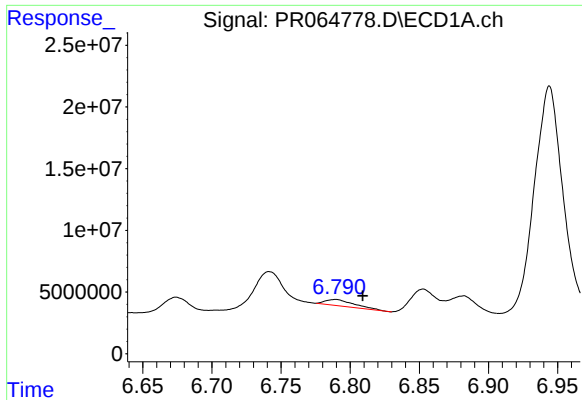
#28 AR-1254-3

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 72463582
Conc: 232.80 ng/ml



#28 AR-1254-3

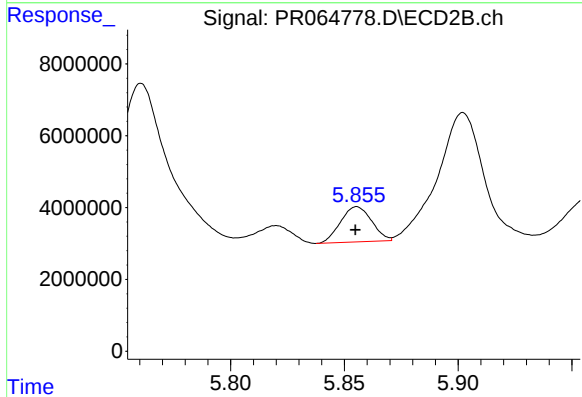
R.T.: 5.601 min
Delta R.T.: -0.003 min
Response: 21582901
Conc: 54.24 ng/ml



#29 AR-1254-4

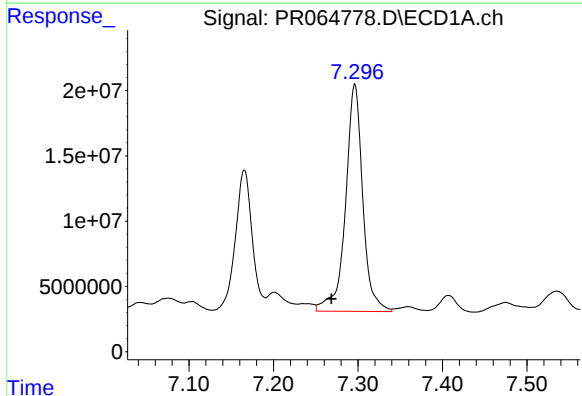
R.T.: 6.790 min
Delta R.T.: -0.019 min
Response: 7308492
Conc: 33.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



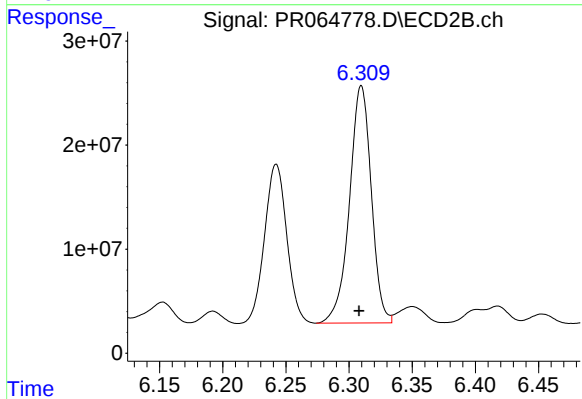
#29 AR-1254-4

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 9302605
Conc: 37.25 ng/ml



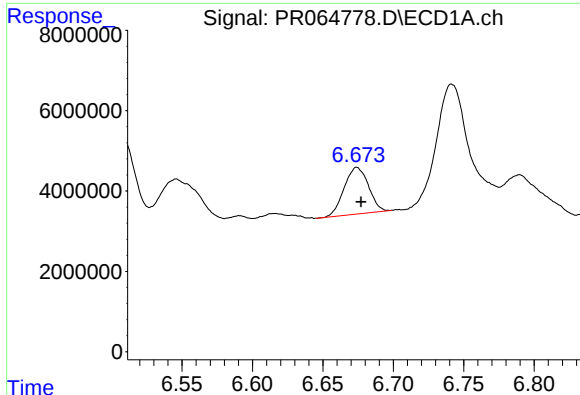
#30 AR-1254-5

R.T.: 7.296 min
Delta R.T.: 0.028 min
Response: 246436007
Conc: 1037.64 ng/ml



#30 AR-1254-5

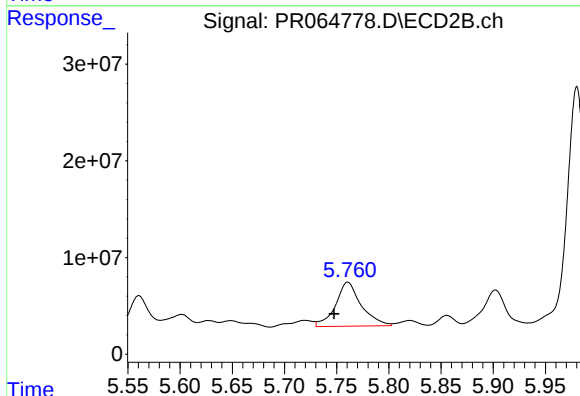
R.T.: 6.310 min
Delta R.T.: 0.002 min
Response: 274264397
Conc: 769.62 ng/ml



#31 AR-1260-1

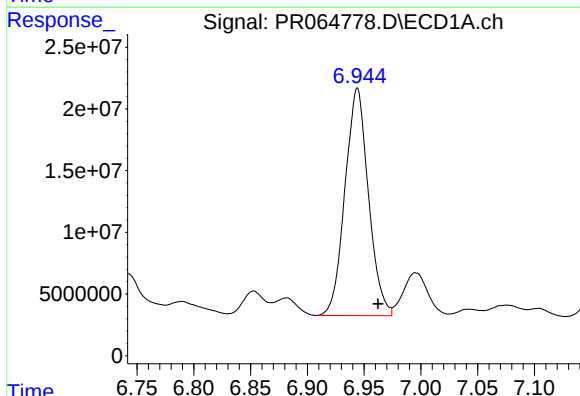
R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 13926796
Conc: 55.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



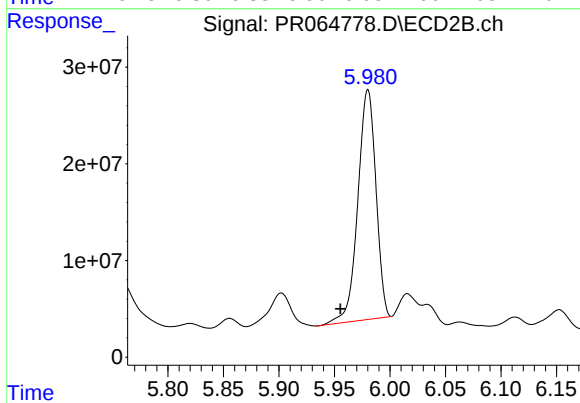
#31 AR-1260-1

R.T.: 5.761 min
Delta R.T.: 0.013 min
Response: 77915282
Conc: 269.62 ng/ml



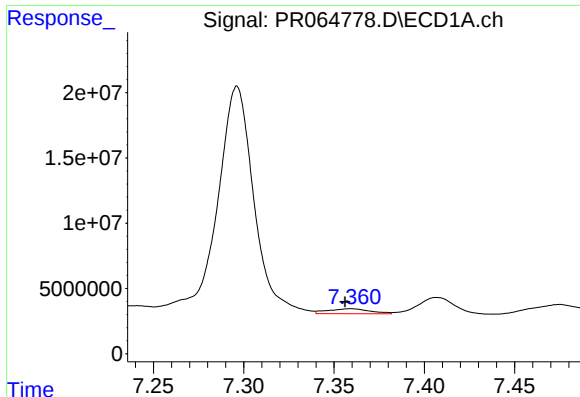
#32 AR-1260-2

R.T.: 6.944 min
Delta R.T.: -0.018 min
Response: 265006543
Conc: 927.09 ng/ml



#32 AR-1260-2

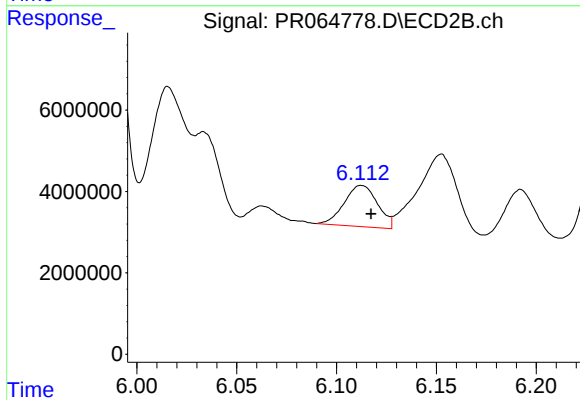
R.T.: 5.980 min
Delta R.T.: 0.025 min
Response: 269708922
Conc: 776.29 ng/ml



#33 AR-1260-3

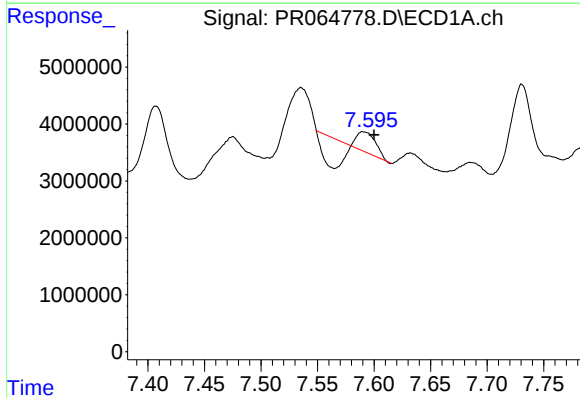
R.T.: 7.359 min
Delta R.T.: 0.003 min
Response: 6223305
Conc: 29.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



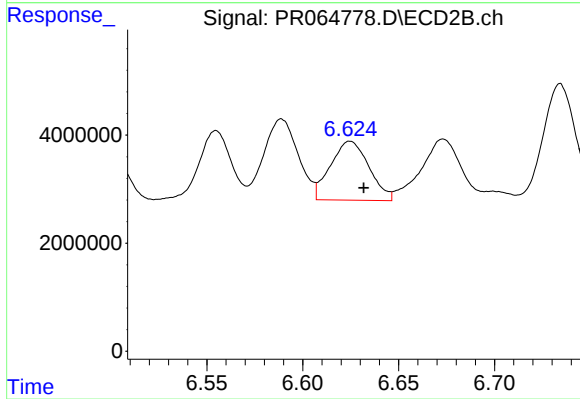
#33 AR-1260-3

R.T.: 6.113 min
Delta R.T.: -0.005 min
Response: 11718567
Conc: 35.60 ng/ml



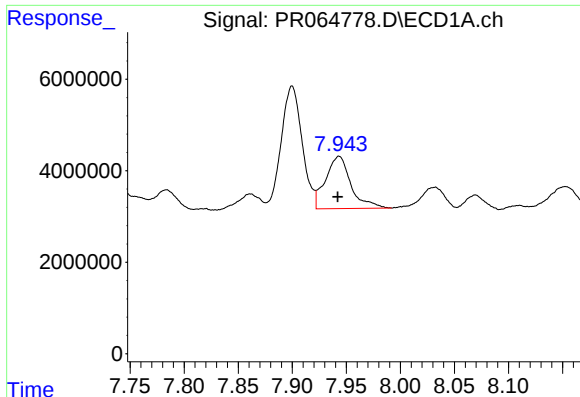
#34 AR-1260-4

R.T.: 7.591 min
Delta R.T.: -0.009 min
Response: 28273
Conc: 0.12 ng/ml



#34 AR-1260-4

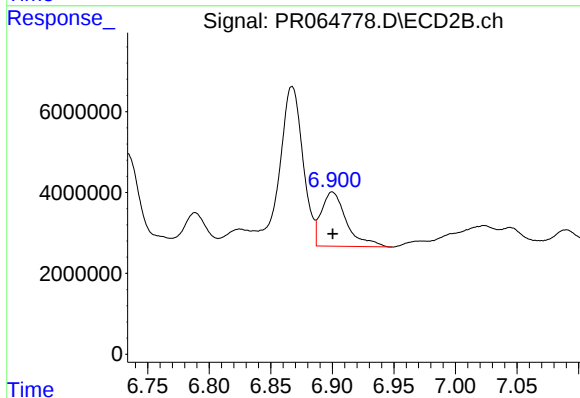
R.T.: 6.625 min
Delta R.T.: -0.007 min
Response: 15250559
Conc: 56.54 ng/ml



#35 AR-1260-5

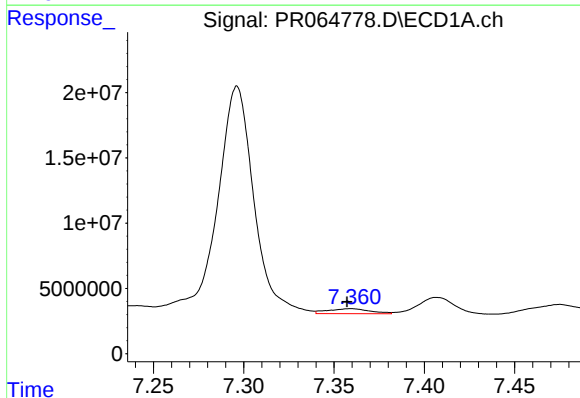
R.T.: 7.943 min
Delta R.T.: 0.001 min
Response: 18715440
Conc: 43.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



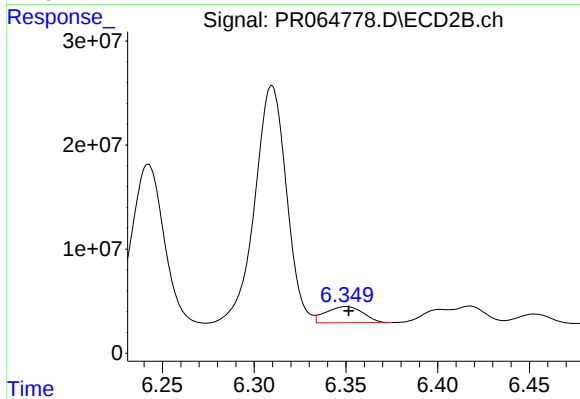
#35 AR-1260-5

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 19074088
Conc: 30.52 ng/ml



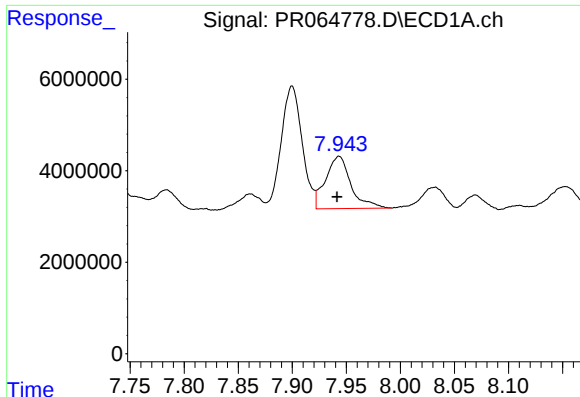
#36 AR-1262-1

R.T.: 7.359 min
Delta R.T.: 0.002 min
Response: 6223305
Conc: 21.64 ng/ml



#36 AR-1262-1

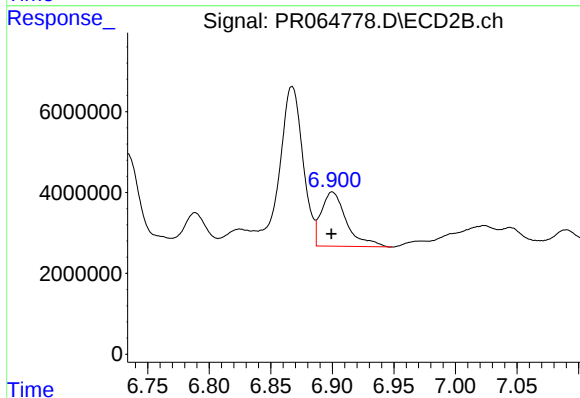
R.T.: 6.350 min
Delta R.T.: -0.001 min
Response: 21853520
Conc: 59.86 ng/ml



#37 AR-1262-2

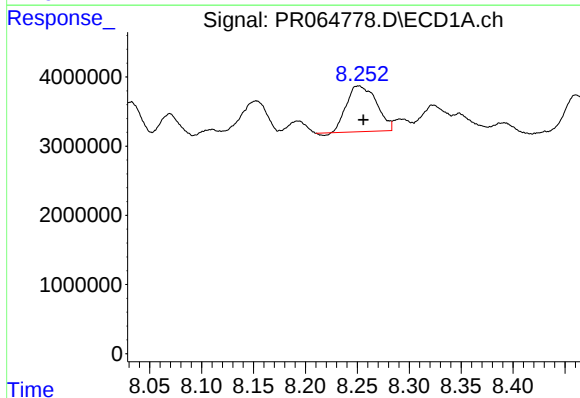
R.T.: 7.943 min
Delta R.T.: 0.002 min
Response: 18715440
Conc: 40.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



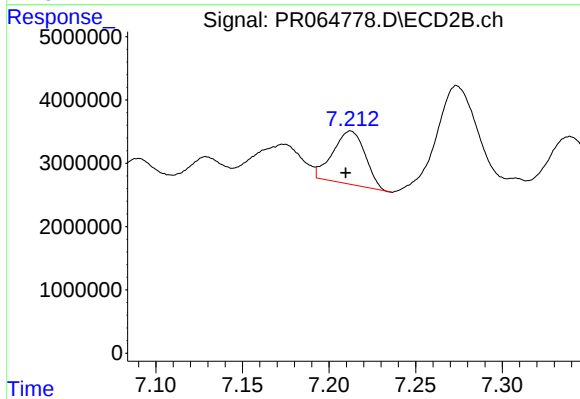
#37 AR-1262-2

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 19074088
Conc: 28.91 ng/ml



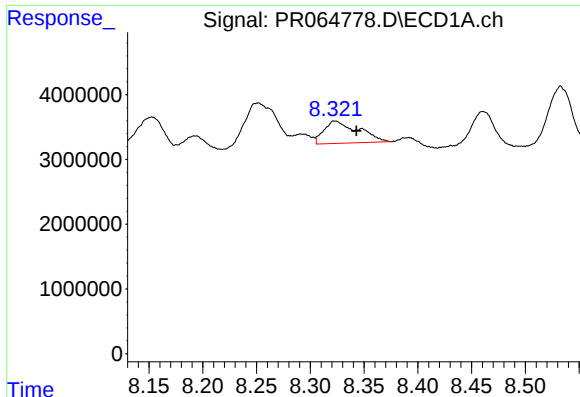
#38 AR-1262-3

R.T.: 8.251 min
Delta R.T.: -0.004 min
Response: 13173272
Conc: 41.78 ng/ml



#38 AR-1262-3

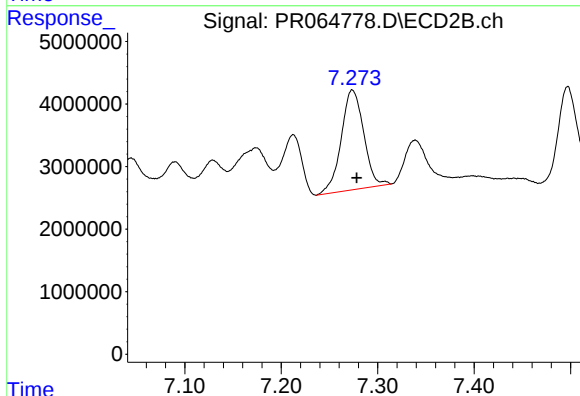
R.T.: 7.212 min
Delta R.T.: 0.003 min
Response: 10940030
Conc: 43.63 ng/ml



#39 AR-1262-4

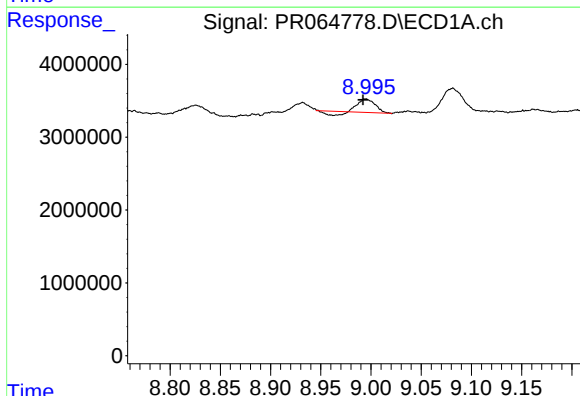
R.T.: 8.324 min
Delta R.T.: -0.019 min
Response: 7679119
Conc: 32.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



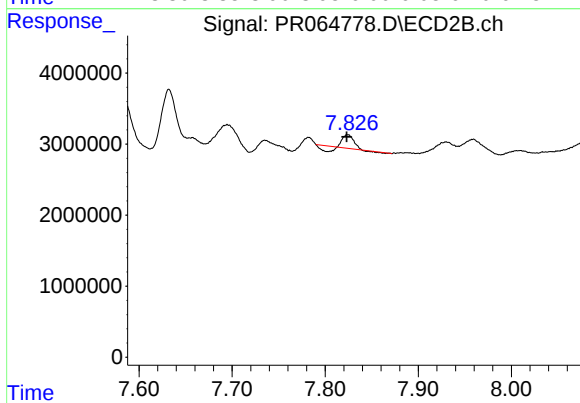
#39 AR-1262-4

R.T.: 7.274 min
Delta R.T.: -0.004 min
Response: 25790759
Conc: 54.04 ng/ml



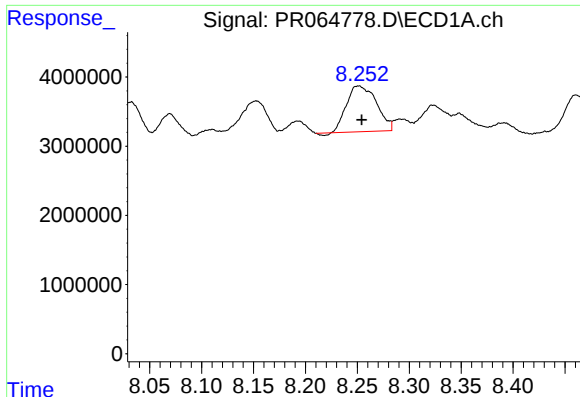
#40 AR-1262-5

R.T.: 8.995 min
Delta R.T.: 0.003 min
Response: 1791231
Conc: 11.02 ng/ml



#40 AR-1262-5

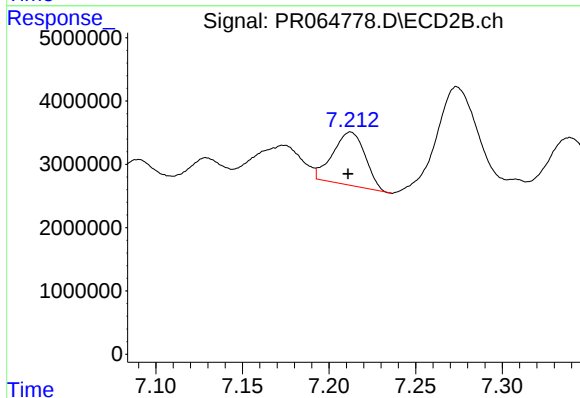
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 848675
Conc: 4.00 ng/ml



#41 AR-1268-1

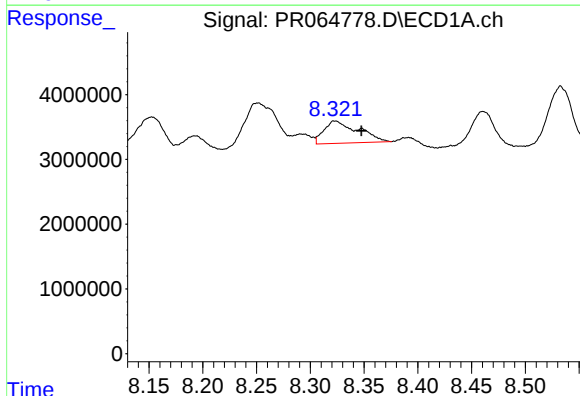
R.T.: 8.251 min
Delta R.T.: -0.003 min
Response: 13173272
Conc: 23.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



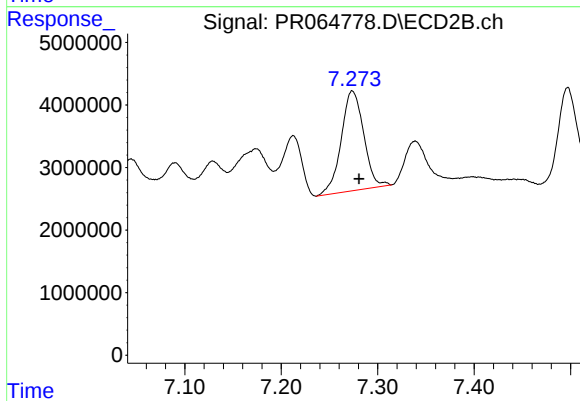
#41 AR-1268-1

R.T.: 7.212 min
Delta R.T.: 0.001 min
Response: 10940030
Conc: 14.00 ng/ml



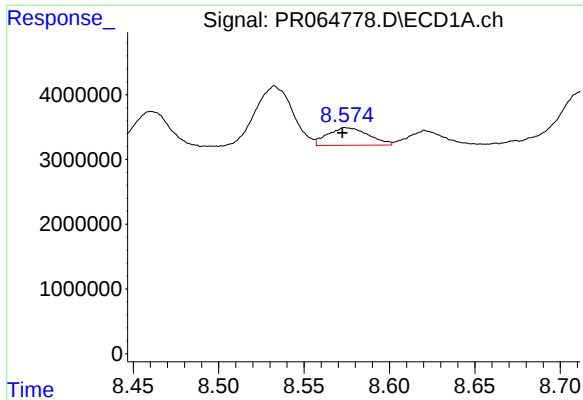
#42 AR-1268-2

R.T.: 8.324 min
Delta R.T.: -0.024 min
Response: 7679119
Conc: 15.17 ng/ml



#42 AR-1268-2

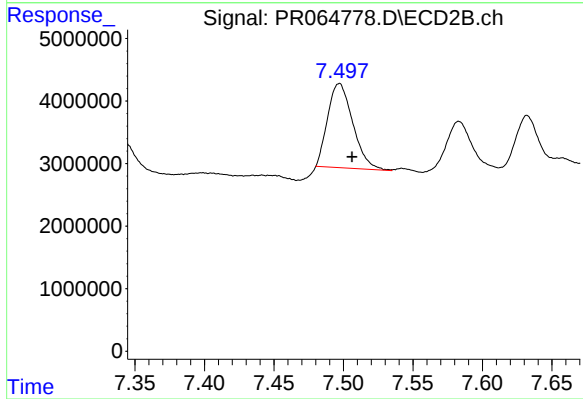
R.T.: 7.274 min
Delta R.T.: -0.007 min
Response: 25790759
Conc: 35.94 ng/ml



#43 AR-1268-3

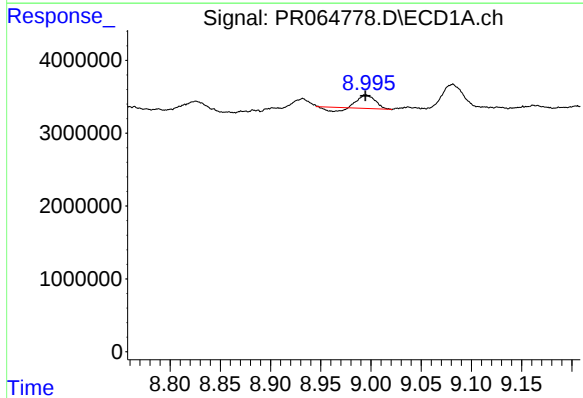
R.T.: 8.575 min
Delta R.T.: 0.003 min
Response: 4525586
Conc: 10.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



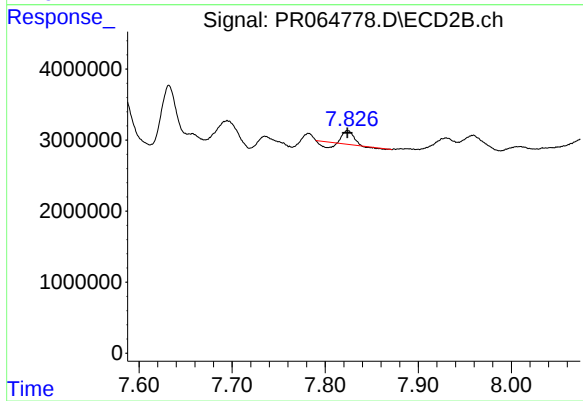
#43 AR-1268-3

R.T.: 7.497 min
Delta R.T.: -0.009 min
Response: 16932672
Conc: 28.27 ng/ml



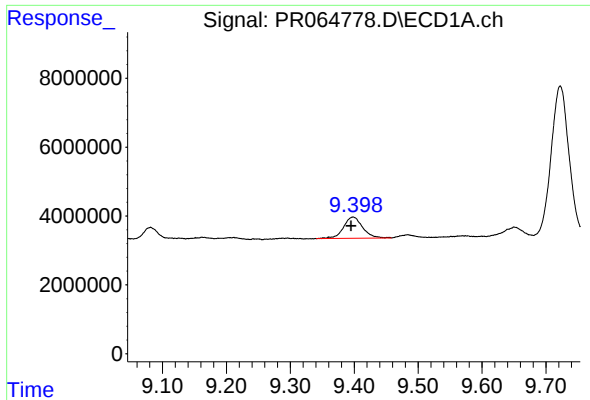
#44 AR-1268-4

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 1791231
Conc: 9.64 ng/ml



#44 AR-1268-4

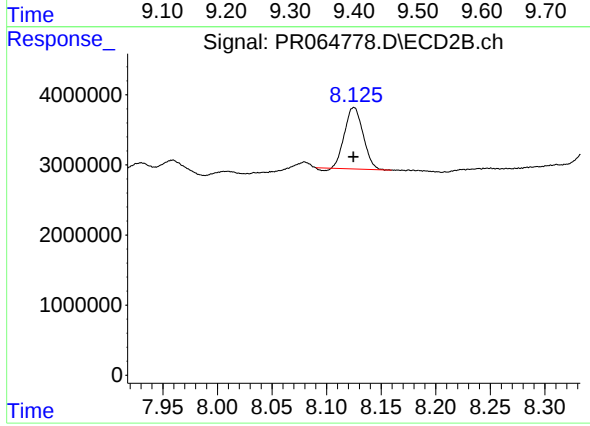
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 848675
Conc: 3.40 ng/ml



#45 AR-1268-5

R.T.: 9.398 min
Delta R.T.: 0.003 min
Response: 12809889
Conc: 9.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 10228862
Conc: 5.69 ng/ml