

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121923\
 Data File : PR064779.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 11:42
 Operator : AJ\MA
 Sample : 05849-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 01:23:12 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	129.5E6	119.1E6	21.424	22.058
2)	SA Decachlor...	9.723	8.386	88794200	90100183	40.295	34.411
Target Compounds							
3)	L1 AR-1016-1	4.946	4.145	29696273	5750178	164.040	30.988 #
4)	L1 AR-1016-2	4.946	4.173	29696273	5980592	111.937	23.559 #
5)	L1 AR-1016-3	5.037	4.359	7511579	5267646	44.556	38.175
6)	L1 AR-1016-4	5.129	4.405	8859600	4482483	65.066	42.111 #
8)	L2 AR-1221-1	3.910	3.231	1219213	1772111	17.797	29.276 #
9)	L2 AR-1221-2	4.017	3.317	2324691	2343992	49.906	55.542
10)	L2 AR-1221-3	4.081	3.406	1870468	943851	12.157	6.589 #
11)	L3 AR-1232-1	4.081	3.406	1870468	943851	15.650	8.569 #
12)	L3 AR-1232-2	4.650	4.173	11651411	5980592	174.766	55.882 #
13)	L3 AR-1232-3	4.946	4.359	29696273	5267646	259.162	92.998 #
14)	L3 AR-1232-4	5.129	4.455	8859600	7920606	151.449	159.652
15)	L3 AR-1232-5	5.230	4.634	6304116	1314322	148.283	24.284 #
16)	L4 AR-1242-1	4.946	4.145	29696273	5750178	205.256	39.206 #
17)	L4 AR-1242-2	4.946	4.173	29696273	5980592	142.250	30.033 #
18)	L4 AR-1242-3	5.037	4.359	7511579	5267646	55.531	48.702
19)	L4 AR-1242-4	5.129	4.455	8859600	7920606	82.089	76.170
20)	L4 AR-1242-5	5.955	5.010	26791746	67190465	234.073	499.643 #
21)	L5 AR-1248-1	4.946	4.145	29696273	5750178	271.303	51.785 #
22)	L5 AR-1248-2	5.230	4.405	6304116	4482483	40.365	29.831 #
23)	L5 AR-1248-3	5.461	4.455	-3880615	7920606	N.D.	50.414 #
24)	L5 AR-1248-4	5.883	4.634	154.0E6	1314322	787.478	6.925 #
25)	L5 AR-1248-5	5.955	5.056	26791746	20676698	137.042	107.068
26)	L6 AR-1254-1	5.883	5.010	154.0E6	67190465	765.875	233.722 #
27)	L6 AR-1254-2	6.096	5.182	76943275	32190894	252.980	129.268 #
28)	L6 AR-1254-3	6.495	5.601	67906338	22032304	218.163	55.370 #
29)	L6 AR-1254-4	6.790	5.855	6916580	7204076	31.453	28.850
30)	L6 AR-1254-5	7.296	6.309	209.6E6	235.3E6	882.733	660.334 #
31)	L7 AR-1260-1	6.674	5.760	13056539	69539752	52.249	240.642 #
32)	L7 AR-1260-2	6.944	5.979	230.3E6	234.3E6	805.834	674.501
33)	L7 AR-1260-3	7.359	6.112	16820252	10215476	79.329	31.036 #
34)	L7 AR-1260-4	7.589	6.625	-3376431	12792786	N.D.	47.429 #
35)	L7 AR-1260-5	7.943	6.901	17432844	16902124	40.628	27.047 #
36)	L8 AR-1262-1	7.359	6.350	16820252	18965401	58.494	51.948
37)	L8 AR-1262-2	7.943	6.901	17432844	16902124	37.418	25.619 #
38)	L8 AR-1262-3	8.253	7.213	10302449	9971366	32.677	39.767
39)	L8 AR-1262-4	8.325	7.273	6158155	25258372	25.827	52.920 #
40)	L8 AR-1262-5	8.993	7.825	754089	757446	4.640	3.567
41)	L9 AR-1268-1	8.253	7.213	10302449	9971366	18.079	12.756 #
42)	L9 AR-1268-2	8.325	7.273	6158155	25258372	12.165	35.197 #

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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	8.576	7.497	3767638	15395667	8.511	25.707 #
44) L9	AR-1268-4	8.993	7.825	754089	757446	4.058	3.032 #
45) L9	AR-1268-5	9.399	8.125	12482095	10176155	9.324	5.659 #

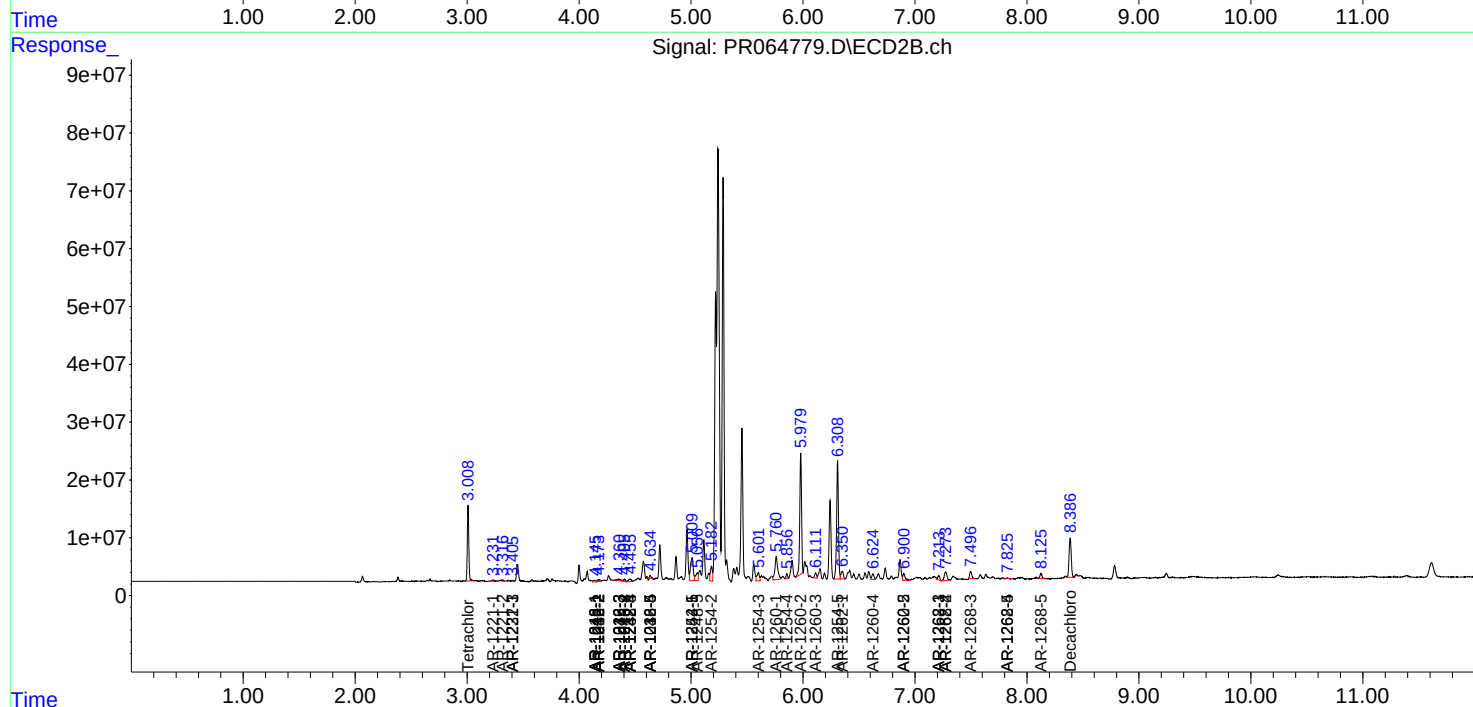
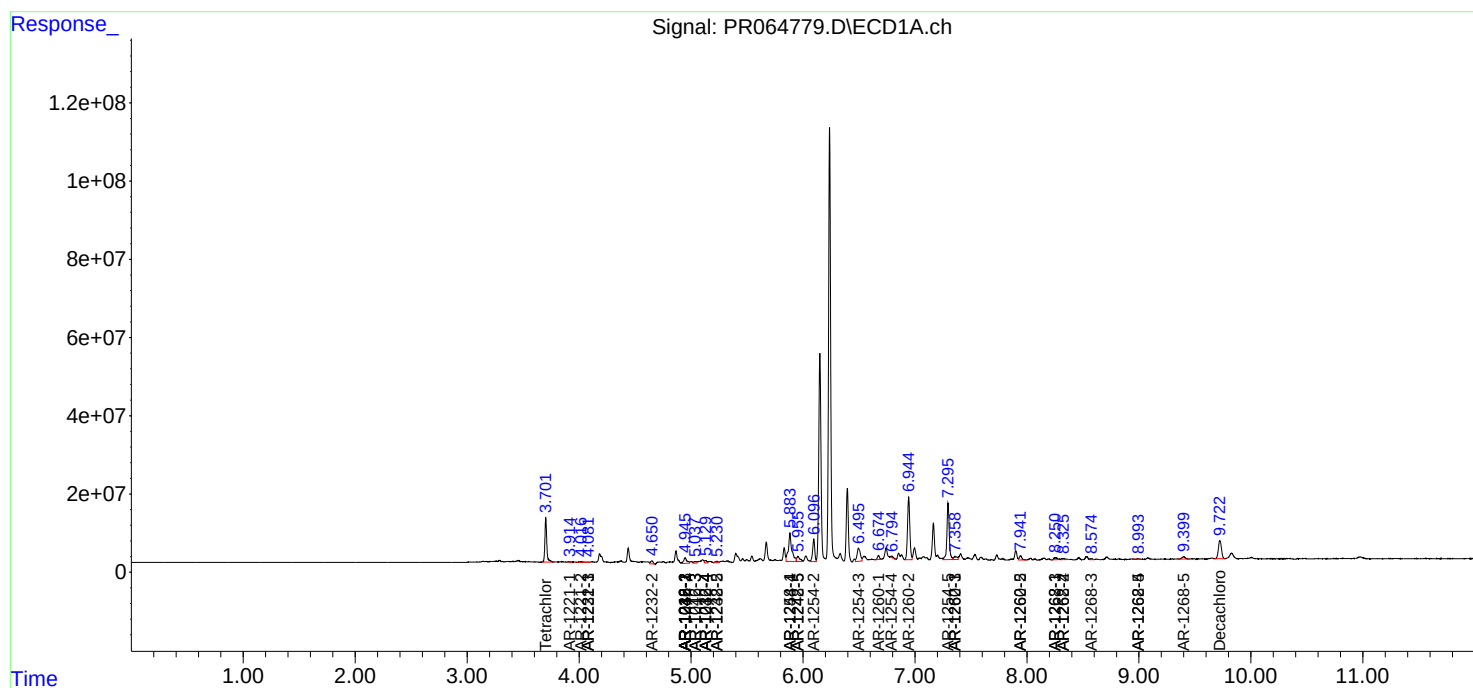
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

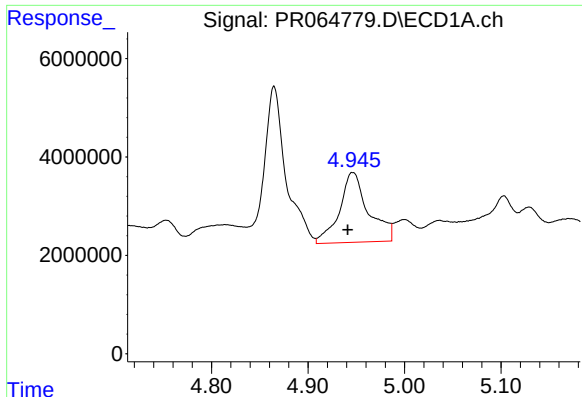
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QLast Update : Fri Dec 15 04:19:57 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

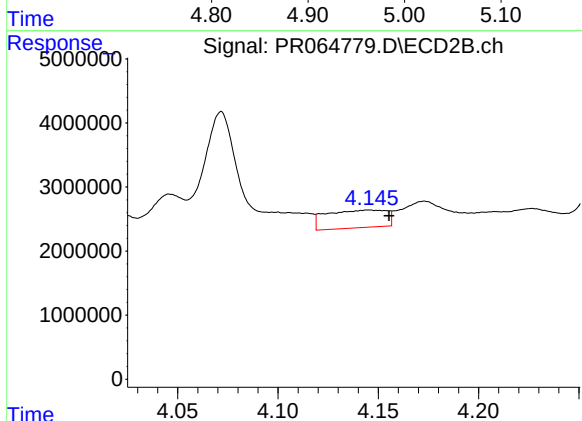




#3 AR-1016-1

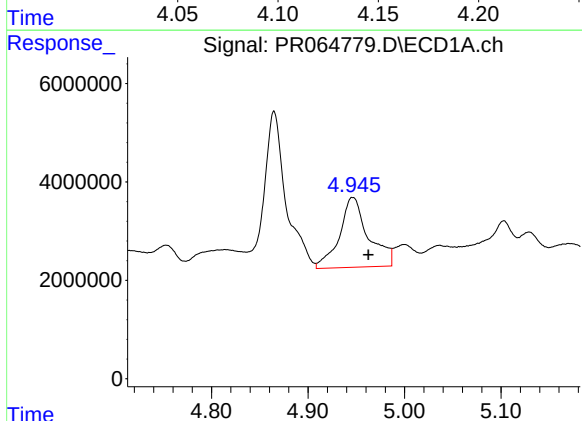
R.T.: 4.946 min
Delta R.T.: 0.005 min
Response: 29696273
Conc: 164.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



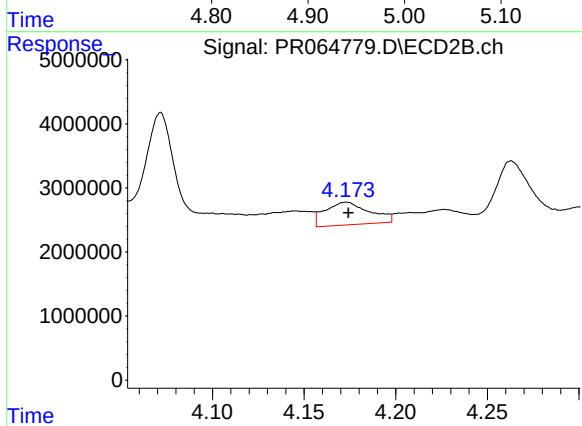
#3 AR-1016-1

R.T.: 4.145 min
Delta R.T.: -0.010 min
Response: 5750178
Conc: 30.99 ng/ml



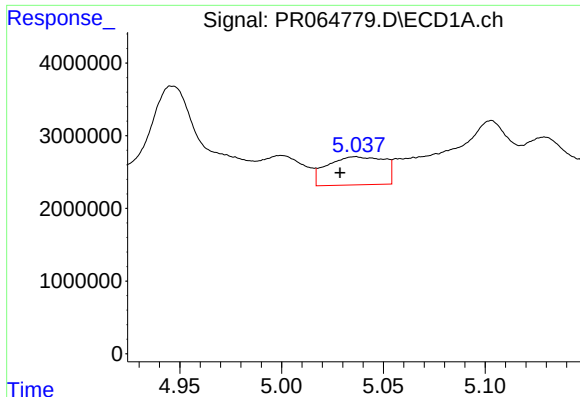
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.016 min
Response: 29696273
Conc: 111.94 ng/ml



#4 AR-1016-2

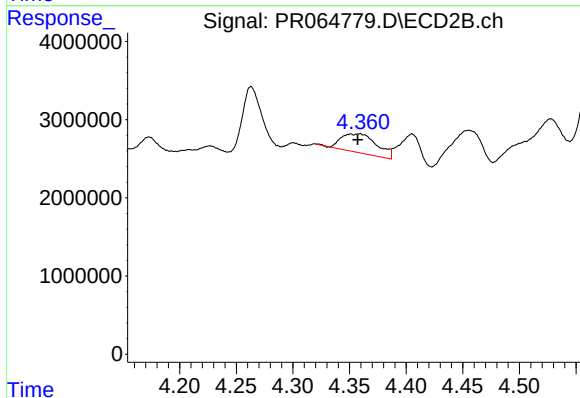
R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 5980592
Conc: 23.56 ng/ml



#5 AR-1016-3

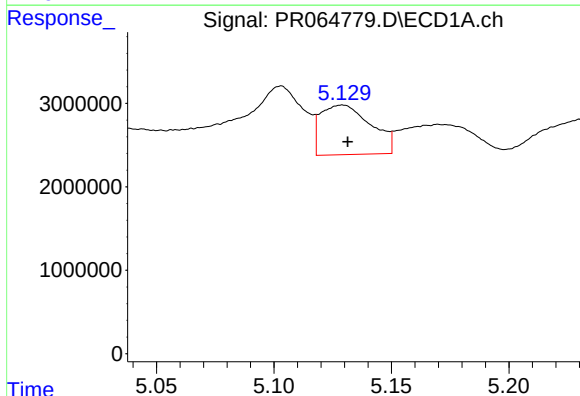
R.T.: 5.037 min
Delta R.T.: 0.008 min
Response: 7511579
Conc: 44.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



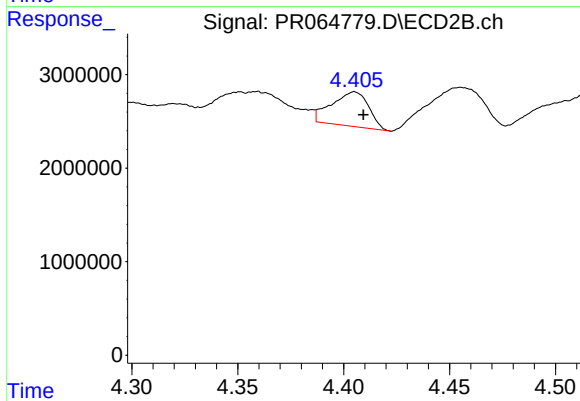
#5 AR-1016-3

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 5267646
Conc: 38.17 ng/ml



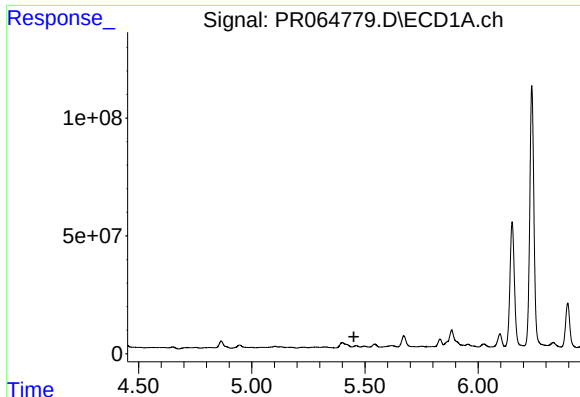
#6 AR-1016-4

R.T.: 5.129 min
Delta R.T.: -0.003 min
Response: 8859600
Conc: 65.07 ng/ml



#6 AR-1016-4

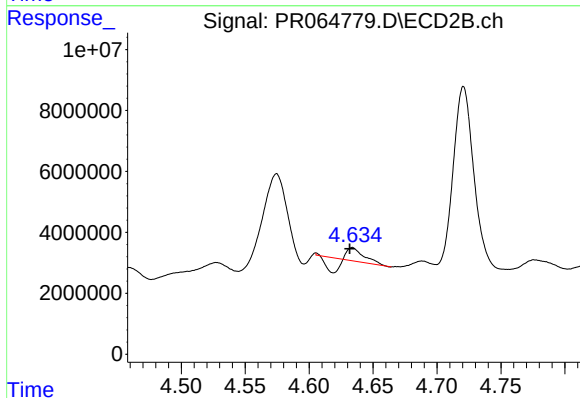
R.T.: 4.405 min
Delta R.T.: -0.004 min
Response: 4482483
Conc: 42.11 ng/ml



#7 AR-1016-5

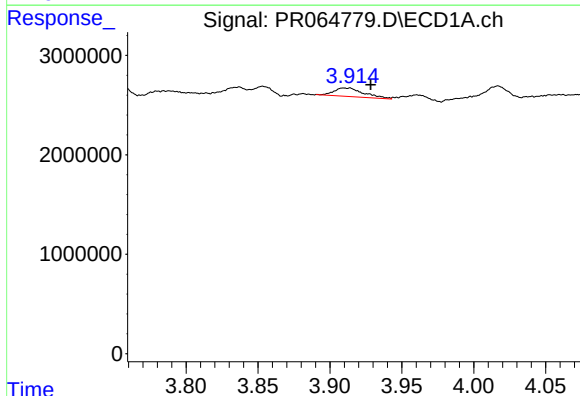
R.T.: 5.461 min
Delta R.T.: 0.010 min
Response: -3880615
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



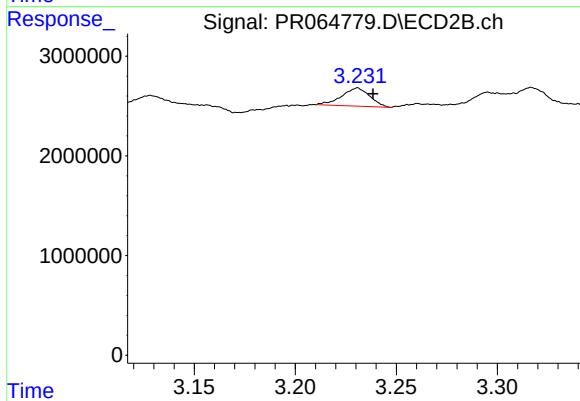
#7 AR-1016-5

R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 1314322
Conc: 9.38 ng/ml



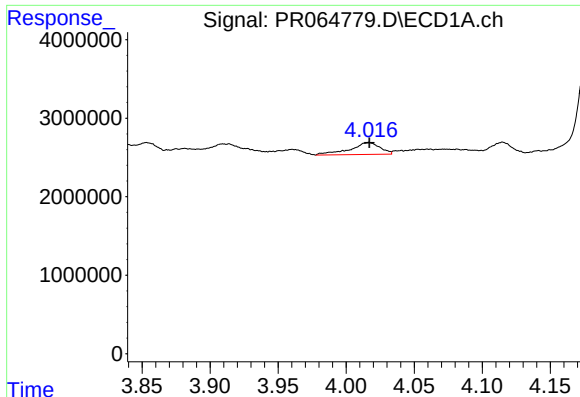
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: -0.019 min
Response: 1219213
Conc: 17.80 ng/ml



#8 AR-1221-1

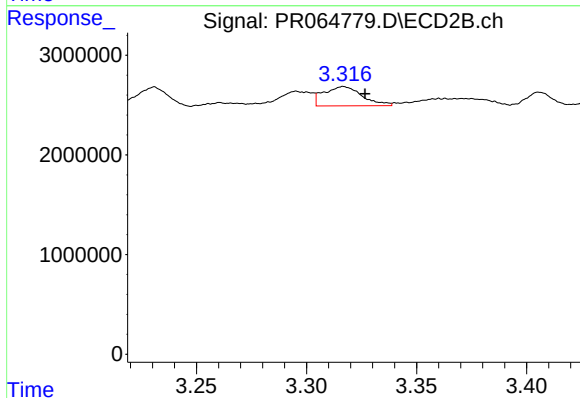
R.T.: 3.231 min
Delta R.T.: -0.008 min
Response: 1772111
Conc: 29.28 ng/ml



#9 AR-1221-2

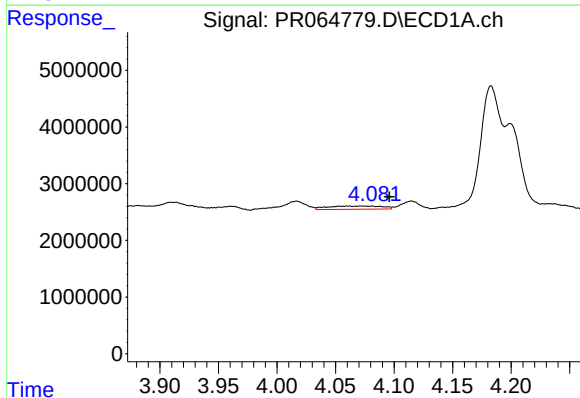
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2324691
Conc: 49.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



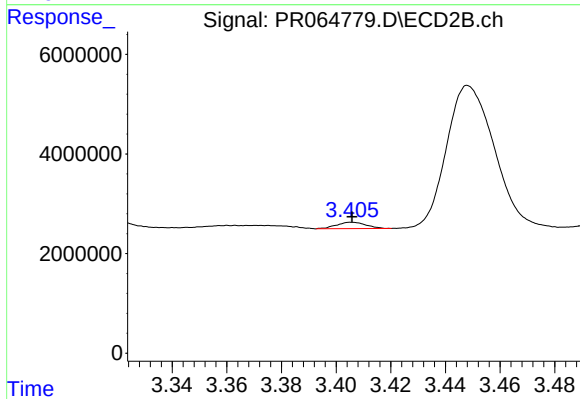
#9 AR-1221-2

R.T.: 3.317 min
Delta R.T.: -0.010 min
Response: 2343992
Conc: 55.54 ng/ml



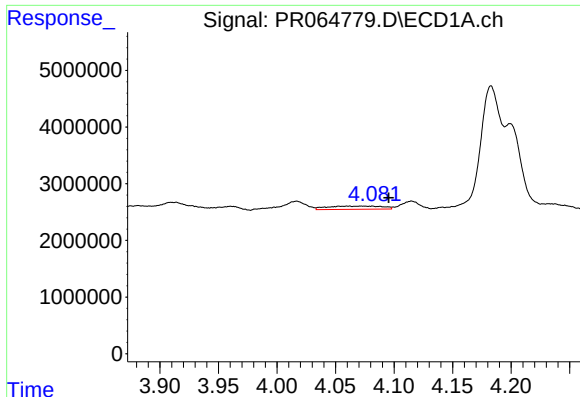
#10 AR-1221-3

R.T.: 4.081 min
Delta R.T.: -0.015 min
Response: 1870468
Conc: 12.16 ng/ml



#10 AR-1221-3

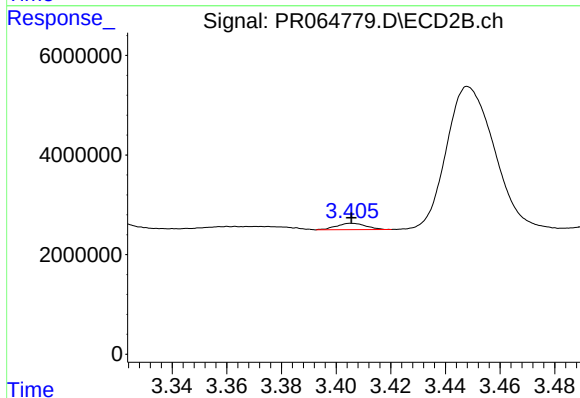
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 943851
Conc: 6.59 ng/ml



#11 AR-1232-1

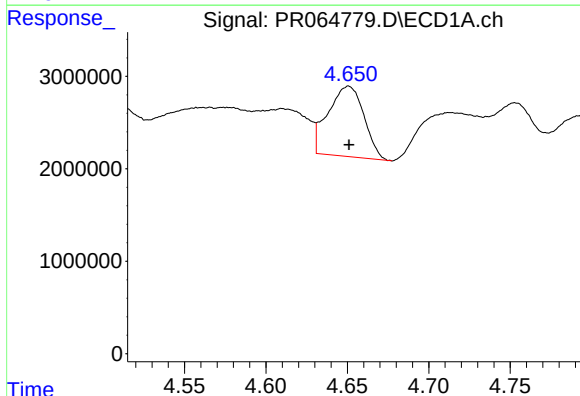
R.T.: 4.081 min
Delta R.T.: -0.014 min
Response: 1870468
Conc: 15.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



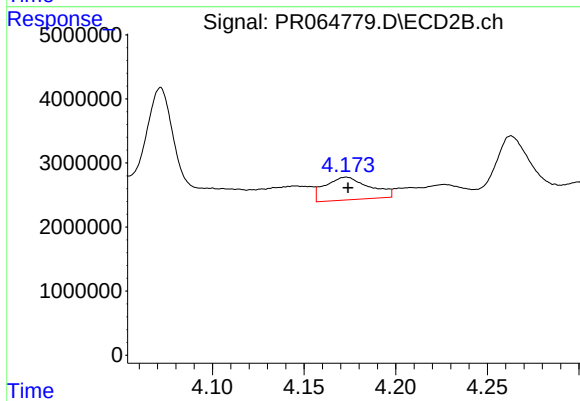
#11 AR-1232-1

R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 943851
Conc: 8.57 ng/ml



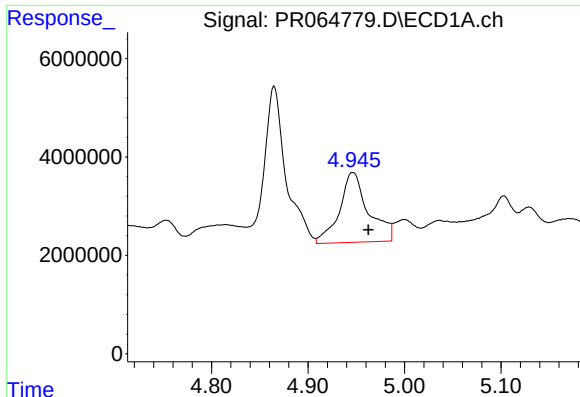
#12 AR-1232-2

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 11651411
Conc: 174.77 ng/ml



#12 AR-1232-2

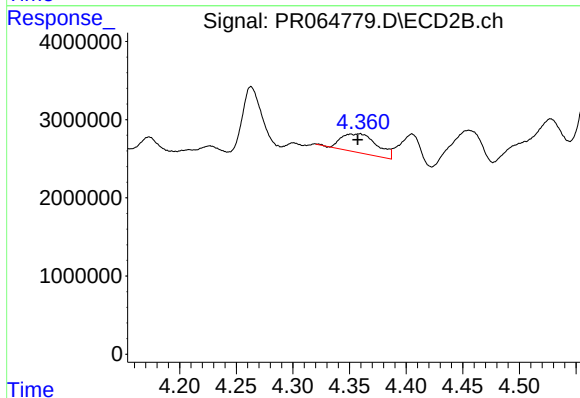
R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 5980592
Conc: 55.88 ng/ml



#13 AR-1232-3

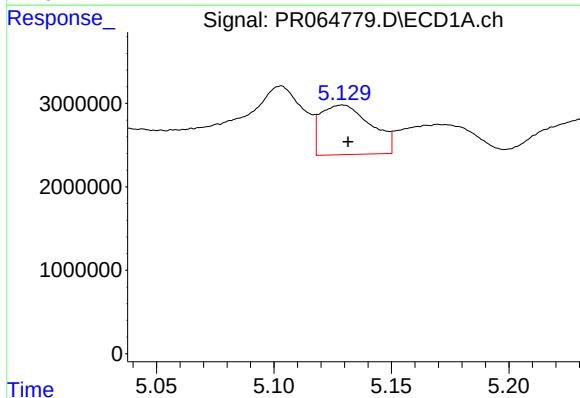
R.T.: 4.946 min
Delta R.T.: -0.016 min
Response: 29696273
Conc: 259.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



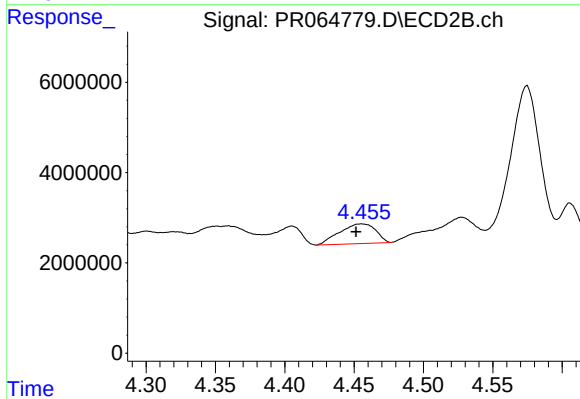
#13 AR-1232-3

R.T.: 4.359 min
Delta R.T.: 0.001 min
Response: 5267646
Conc: 93.00 ng/ml



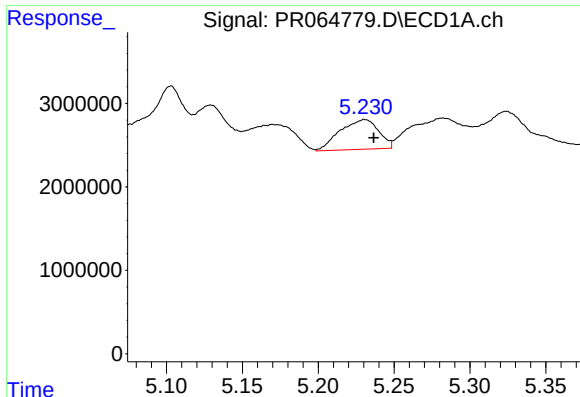
#14 AR-1232-4

R.T.: 5.129 min
Delta R.T.: -0.003 min
Response: 8859600
Conc: 151.45 ng/ml



#14 AR-1232-4

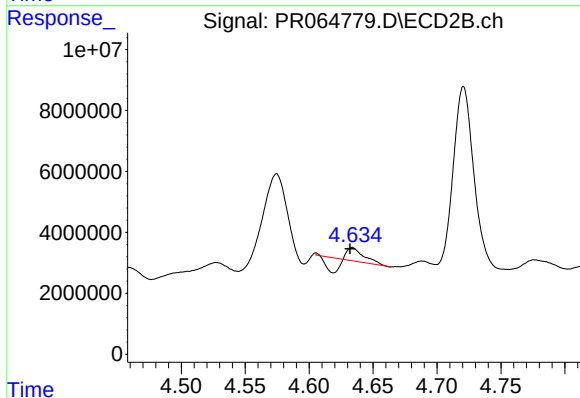
R.T.: 4.455 min
Delta R.T.: 0.004 min
Response: 7920606
Conc: 159.65 ng/ml



#15 AR-1232-5

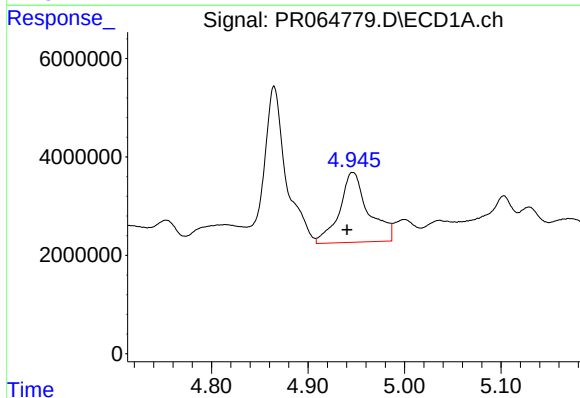
R.T.: 5.230 min
Delta R.T.: -0.006 min
Response: 6304116
Conc: 148.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



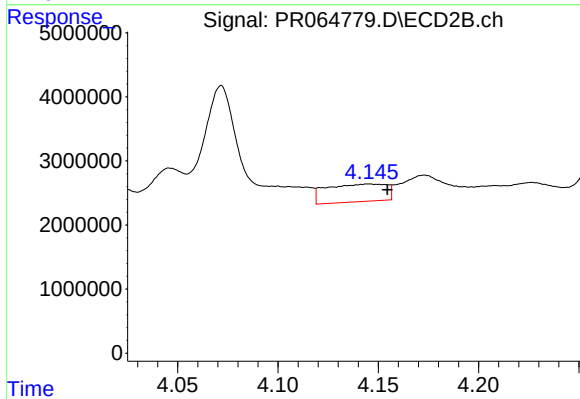
#15 AR-1232-5

R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 1314322
Conc: 24.28 ng/ml



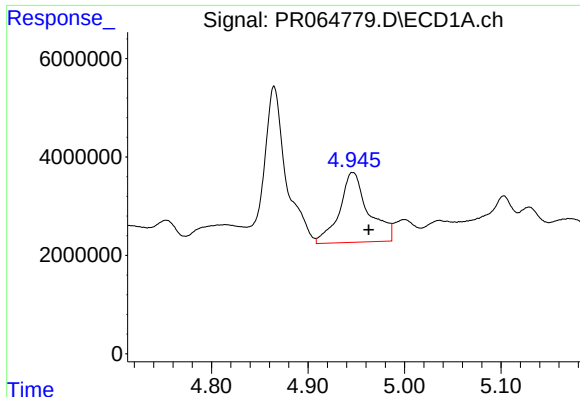
#16 AR-1242-1

R.T.: 4.946 min
Delta R.T.: 0.006 min
Response: 29696273
Conc: 205.26 ng/ml



#16 AR-1242-1

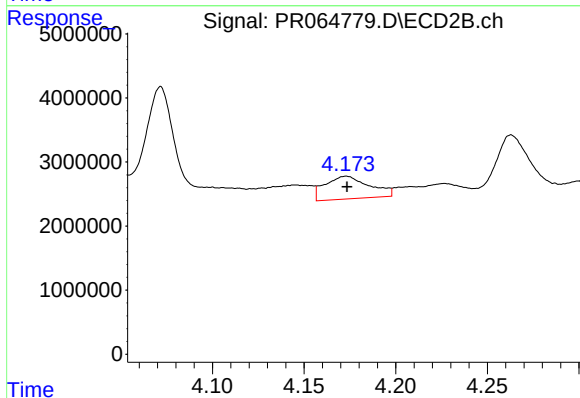
R.T.: 4.145 min
Delta R.T.: -0.009 min
Response: 5750178
Conc: 39.21 ng/ml



#17 AR-1242-2

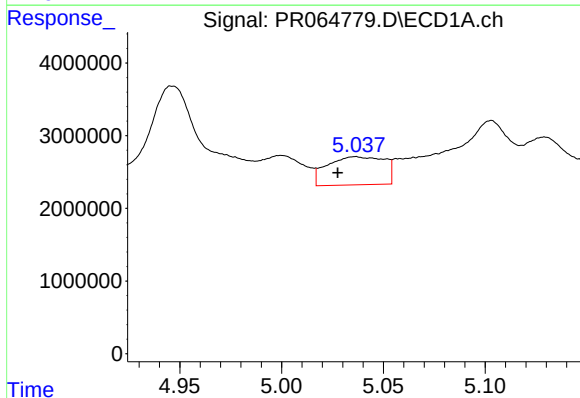
R.T.: 4.946 min
Delta R.T.: -0.016 min
Response: 29696273
Conc: 142.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



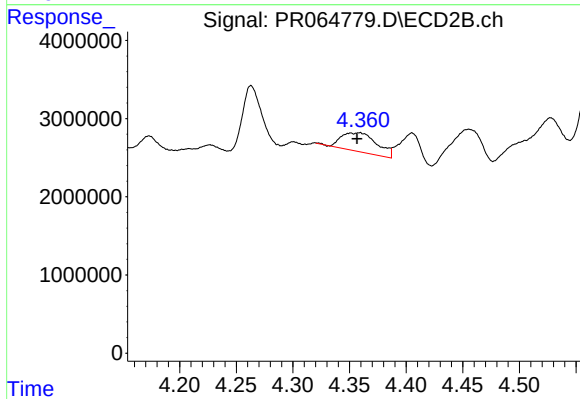
#17 AR-1242-2

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 5980592
Conc: 30.03 ng/ml



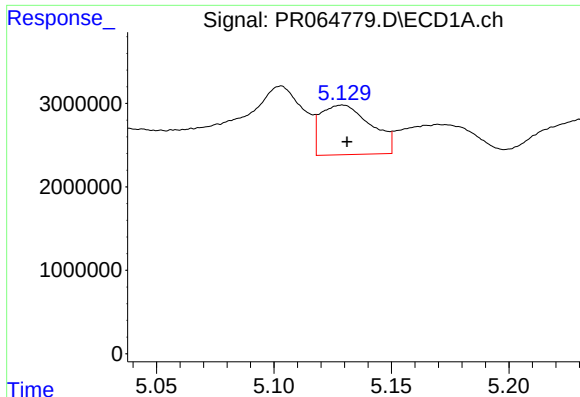
#18 AR-1242-3

R.T.: 5.037 min
Delta R.T.: 0.009 min
Response: 7511579
Conc: 55.53 ng/ml



#18 AR-1242-3

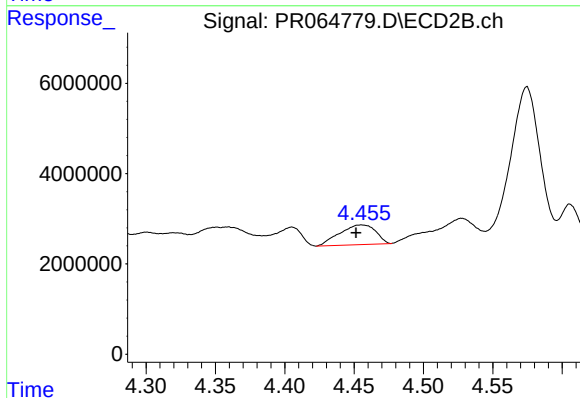
R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 5267646
Conc: 48.70 ng/ml



#19 AR-1242-4

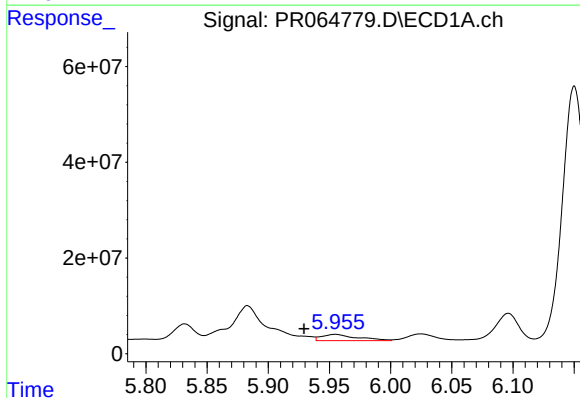
R.T.: 5.129 min
Delta R.T.: -0.002 min
Response: 8859600
Conc: 82.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



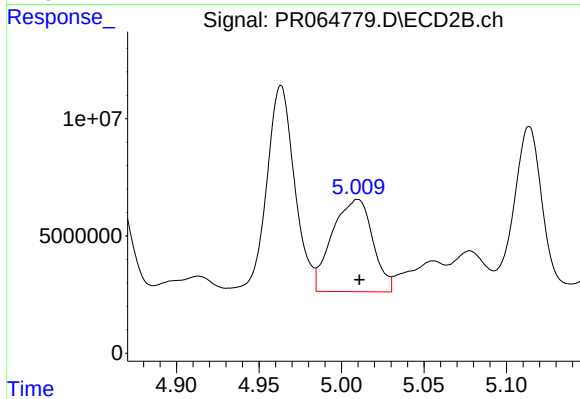
#19 AR-1242-4

R.T.: 4.455 min
Delta R.T.: 0.004 min
Response: 7920606
Conc: 76.17 ng/ml



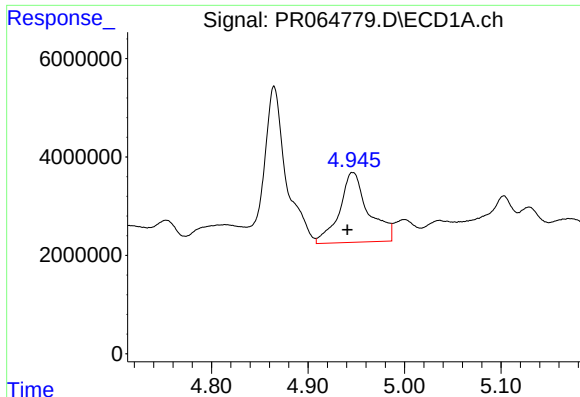
#20 AR-1242-5

R.T.: 5.955 min
Delta R.T.: 0.025 min
Response: 26791746
Conc: 234.07 ng/ml



#20 AR-1242-5

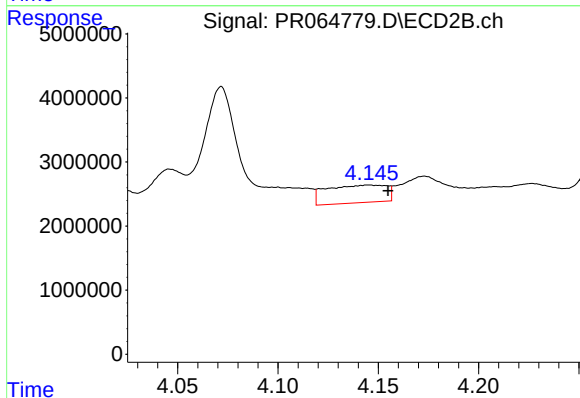
R.T.: 5.010 min
Delta R.T.: -0.001 min
Response: 67190465
Conc: 499.64 ng/ml



#21 AR-1248-1

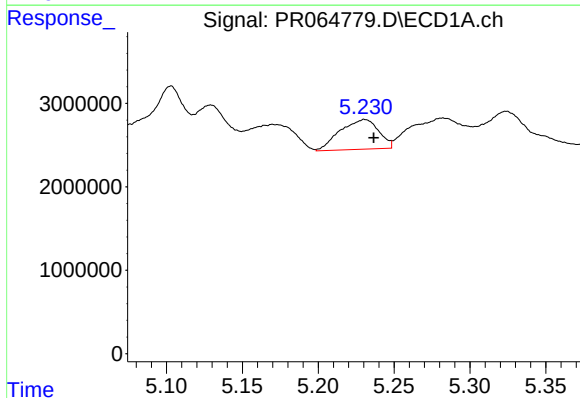
R.T.: 4.946 min
Delta R.T.: 0.006 min
Response: 29696273
Conc: 271.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



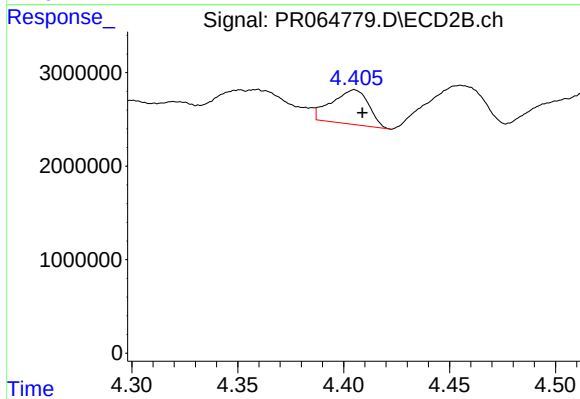
#21 AR-1248-1

R.T.: 4.145 min
Delta R.T.: -0.010 min
Response: 5750178
Conc: 51.79 ng/ml



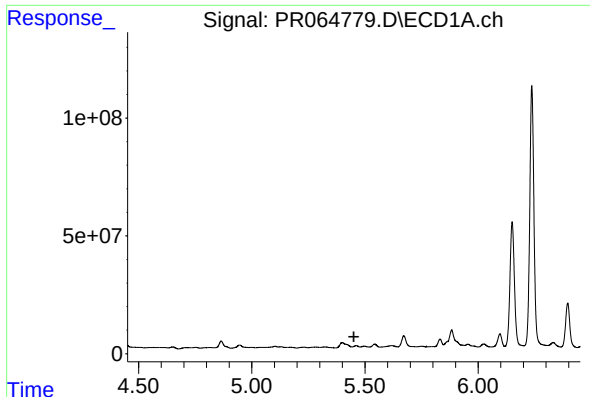
#22 AR-1248-2

R.T.: 5.230 min
Delta R.T.: -0.006 min
Response: 6304116
Conc: 40.37 ng/ml



#22 AR-1248-2

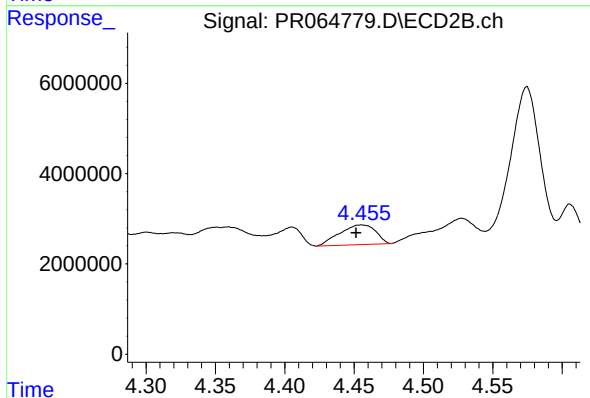
R.T.: 4.405 min
Delta R.T.: -0.004 min
Response: 4482483
Conc: 29.83 ng/ml



#23 AR-1248-3

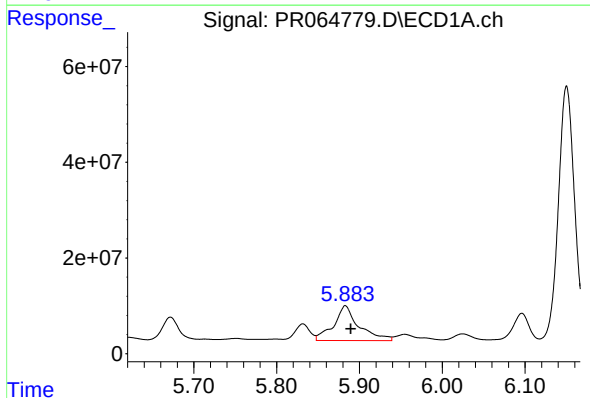
R.T.: 5.461 min
Delta R.T.: 0.010 min
Response: -3880615
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



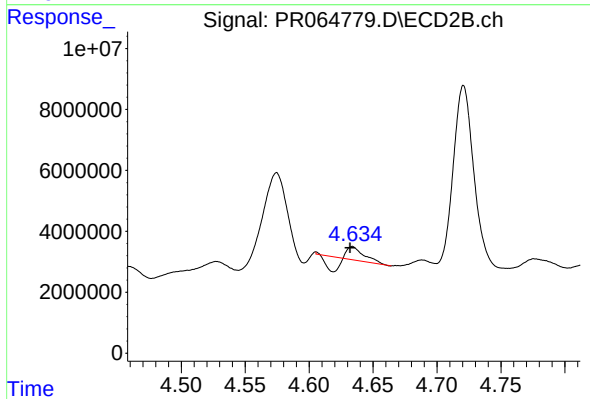
#23 AR-1248-3

R.T.: 4.455 min
Delta R.T.: 0.004 min
Response: 7920606
Conc: 50.41 ng/ml



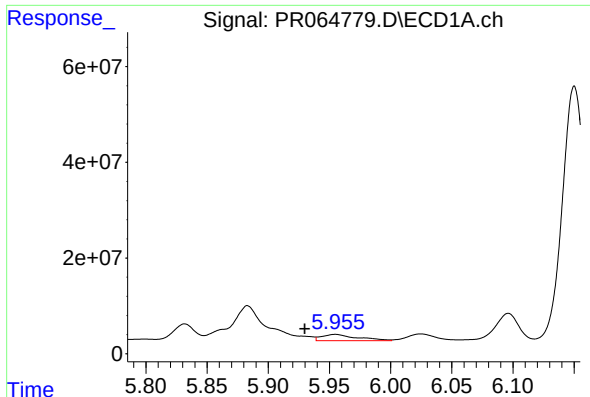
#24 AR-1248-4

R.T.: 5.883 min
Delta R.T.: -0.007 min
Response: 154022707
Conc: 787.48 ng/ml



#24 AR-1248-4

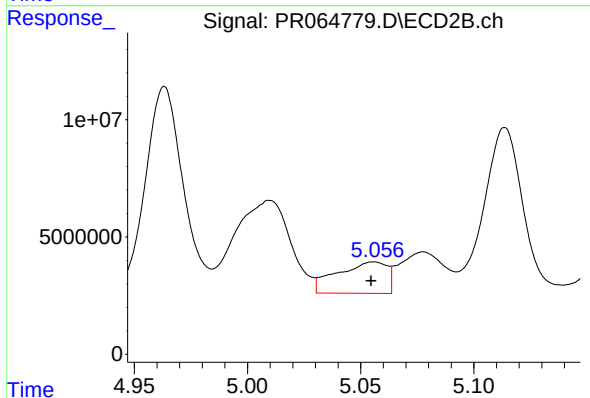
R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 1314322
Conc: 6.93 ng/ml



#25 AR-1248-5

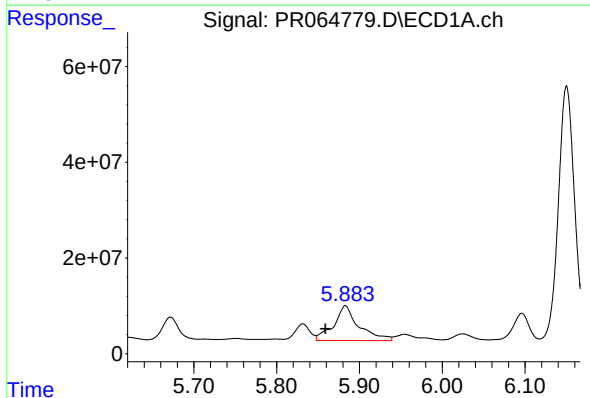
R.T.: 5.955 min
Delta R.T.: 0.025 min
Response: 26791746
Conc: 137.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



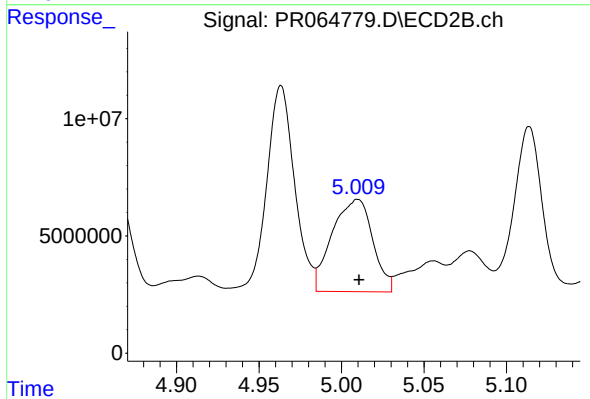
#25 AR-1248-5

R.T.: 5.056 min
Delta R.T.: 0.001 min
Response: 20676698
Conc: 107.07 ng/ml



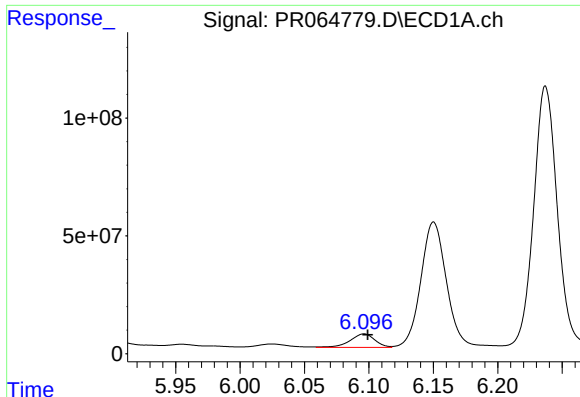
#26 AR-1254-1

R.T.: 5.883 min
Delta R.T.: 0.024 min
Response: 154022707
Conc: 765.87 ng/ml



#26 AR-1254-1

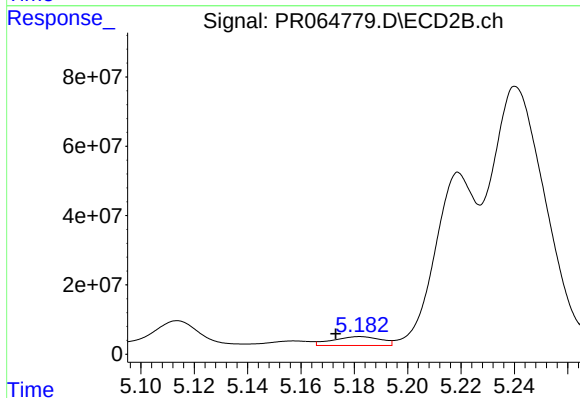
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 67190465
Conc: 233.72 ng/ml



#27 AR-1254-2

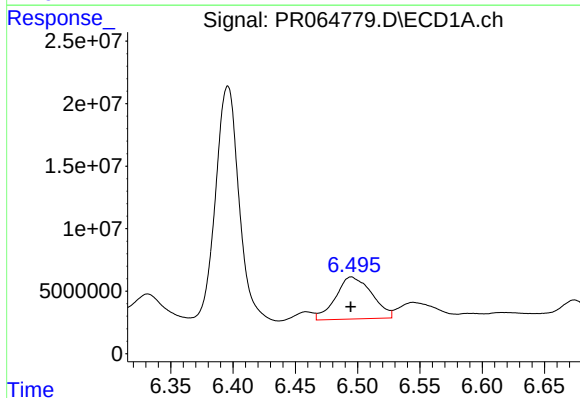
R.T.: 6.096 min
Delta R.T.: -0.003 min
Response: 76943275
Conc: 252.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



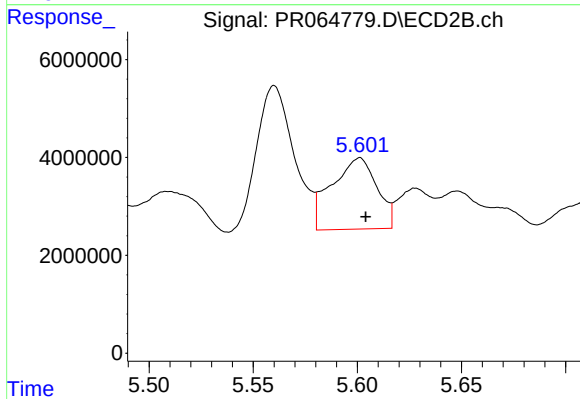
#27 AR-1254-2

R.T.: 5.182 min
Delta R.T.: 0.009 min
Response: 32190894
Conc: 129.27 ng/ml



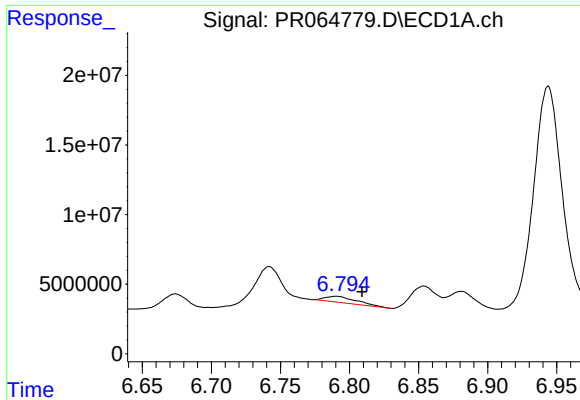
#28 AR-1254-3

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 67906338
Conc: 218.16 ng/ml



#28 AR-1254-3

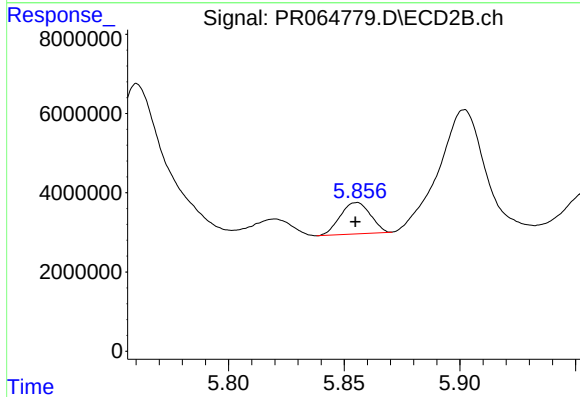
R.T.: 5.601 min
Delta R.T.: -0.003 min
Response: 22032304
Conc: 55.37 ng/ml



#29 AR-1254-4

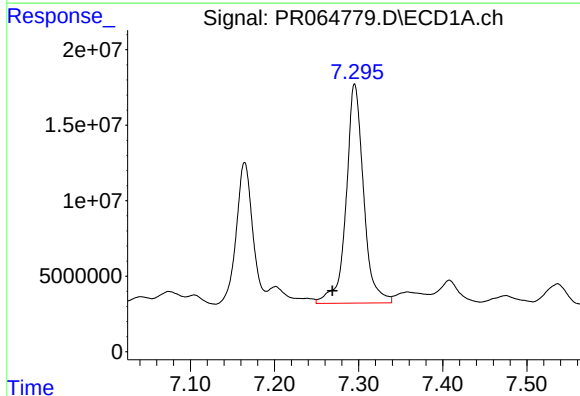
R.T.: 6.790 min
Delta R.T.: -0.019 min
Response: 6916580
Conc: 31.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



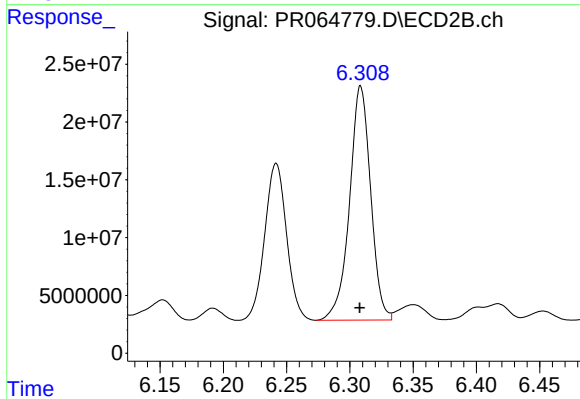
#29 AR-1254-4

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 7204076
Conc: 28.85 ng/ml



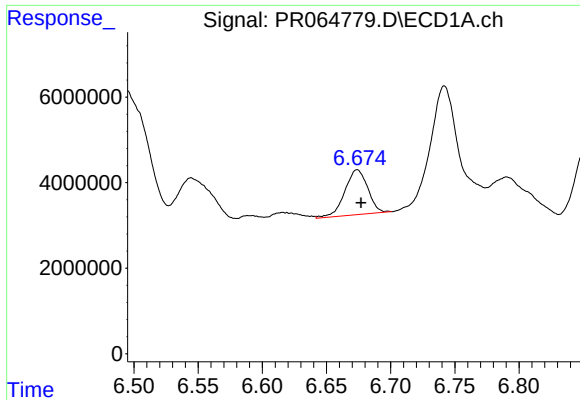
#30 AR-1254-5

R.T.: 7.296 min
Delta R.T.: 0.027 min
Response: 209645735
Conc: 882.73 ng/ml



#30 AR-1254-5

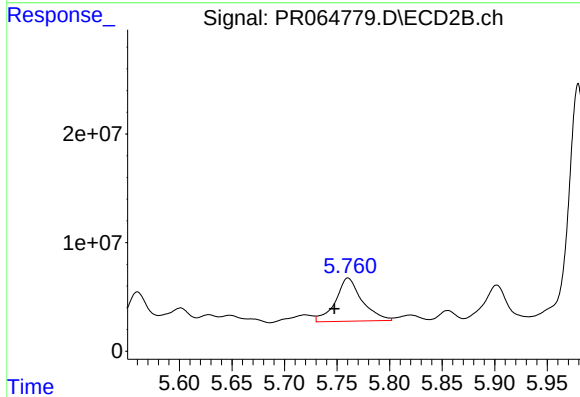
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 235318049
Conc: 660.33 ng/ml



#31 AR-1260-1

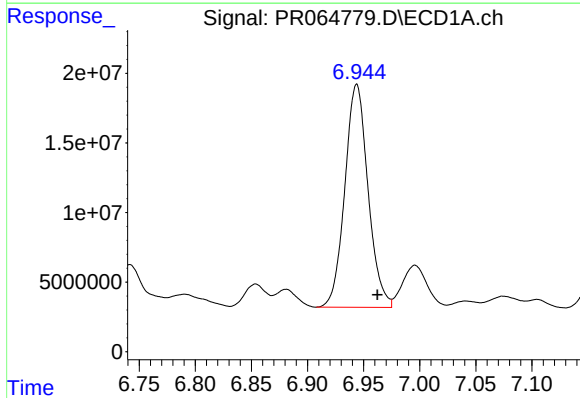
R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 13056539
Conc: 52.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



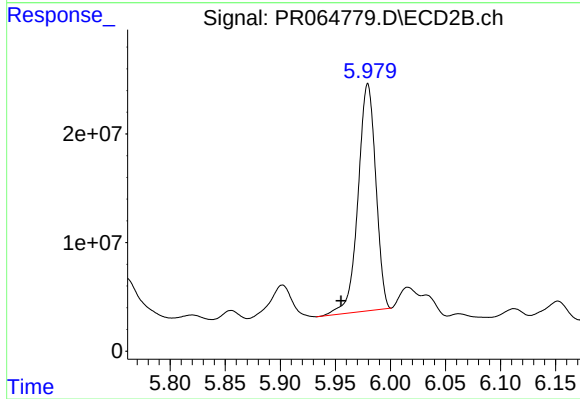
#31 AR-1260-1

R.T.: 5.760 min
Delta R.T.: 0.013 min
Response: 69539752
Conc: 240.64 ng/ml



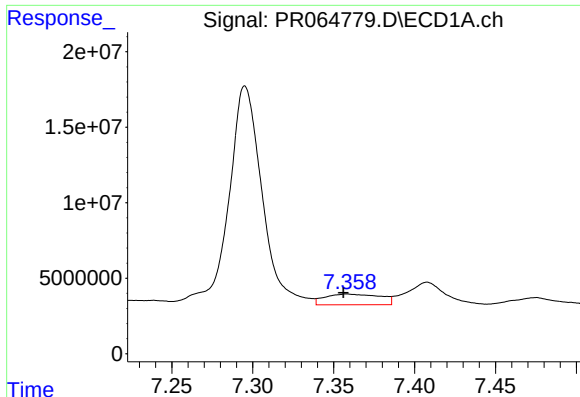
#32 AR-1260-2

R.T.: 6.944 min
Delta R.T.: -0.019 min
Response: 230346673
Conc: 805.83 ng/ml



#32 AR-1260-2

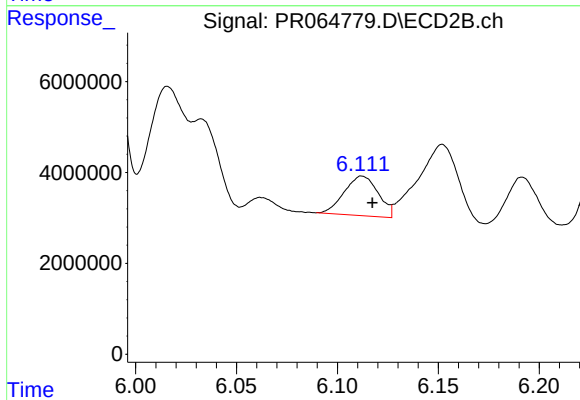
R.T.: 5.979 min
Delta R.T.: 0.024 min
Response: 234342755
Conc: 674.50 ng/ml



#33 AR-1260-3

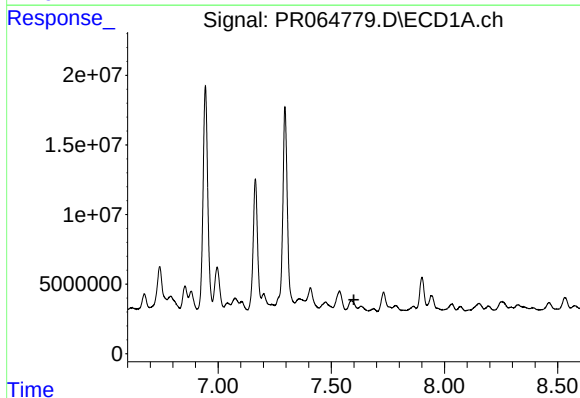
R.T.: 7.359 min
Delta R.T.: 0.002 min
Response: 16820252
Conc: 79.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



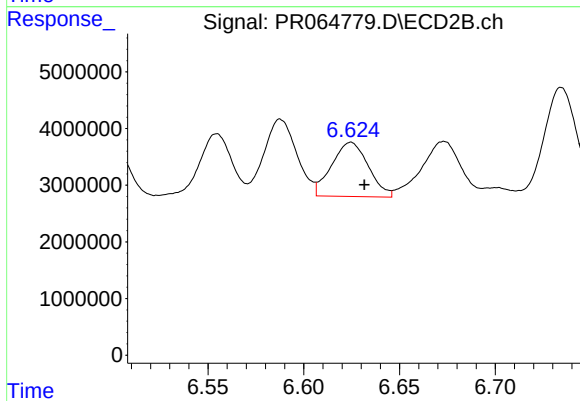
#33 AR-1260-3

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 10215476
Conc: 31.04 ng/ml



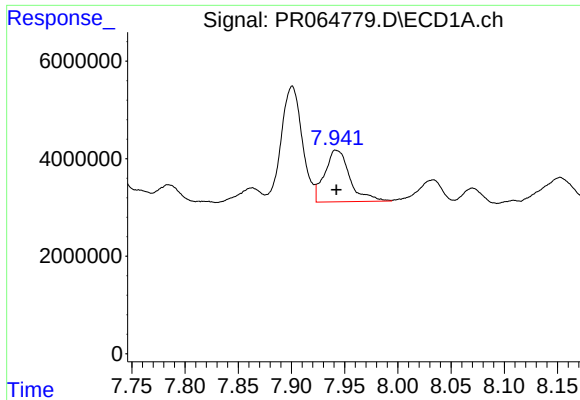
#34 AR-1260-4

R.T.: 7.589 min
Delta R.T.: -0.011 min
Response: -3376431
Conc: N.D.



#34 AR-1260-4

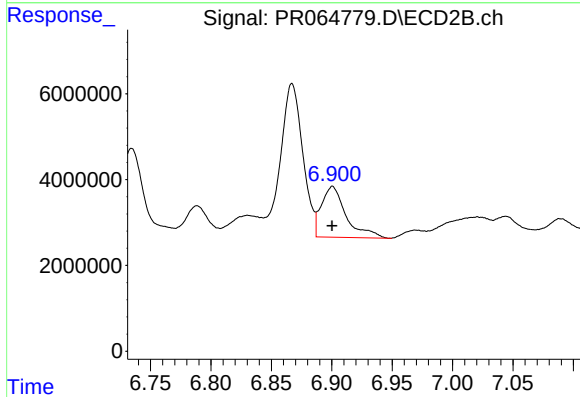
R.T.: 6.625 min
Delta R.T.: -0.007 min
Response: 12792786
Conc: 47.43 ng/ml



#35 AR-1260-5

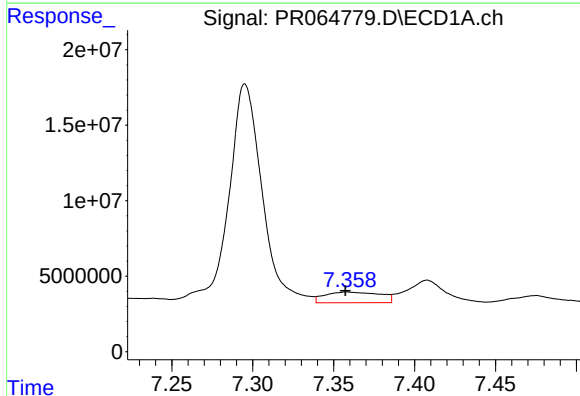
R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 17432844
Conc: 40.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



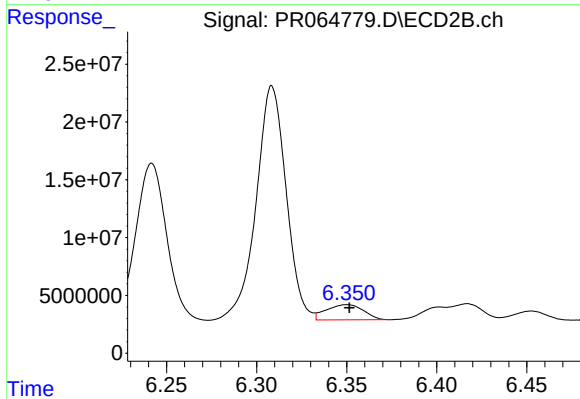
#35 AR-1260-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 16902124
Conc: 27.05 ng/ml



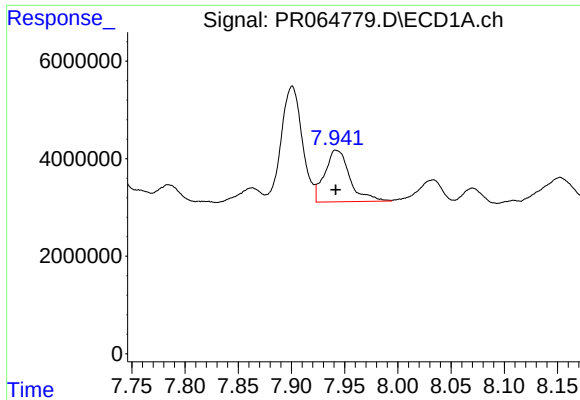
#36 AR-1262-1

R.T.: 7.359 min
Delta R.T.: 0.001 min
Response: 16820252
Conc: 58.49 ng/ml



#36 AR-1262-1

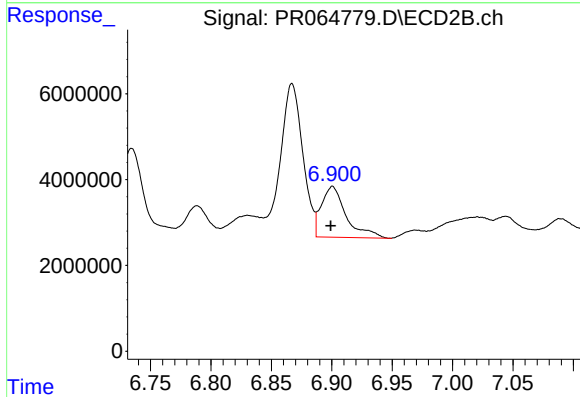
R.T.: 6.350 min
Delta R.T.: -0.001 min
Response: 18965401
Conc: 51.95 ng/ml



#37 AR-1262-2

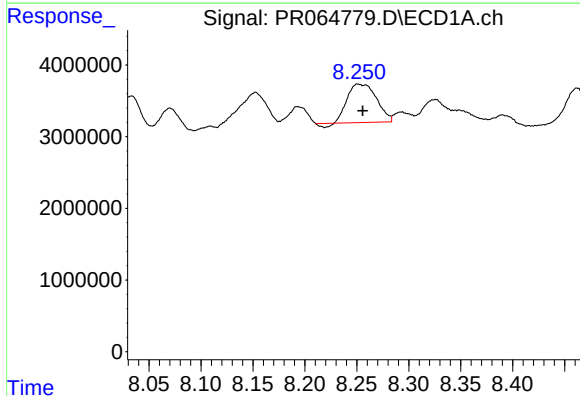
R.T.: 7.943 min
Delta R.T.: 0.001 min
Response: 17432844
Conc: 37.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



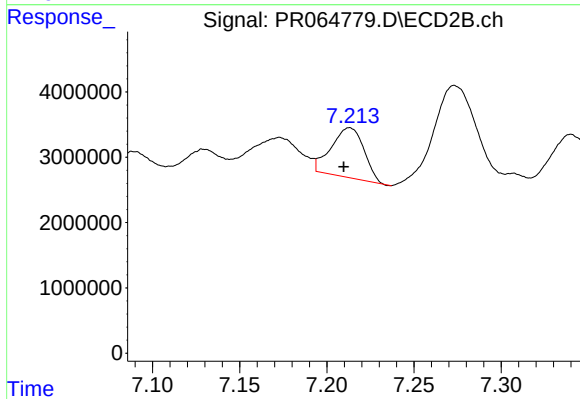
#37 AR-1262-2

R.T.: 6.901 min
Delta R.T.: 0.001 min
Response: 16902124
Conc: 25.62 ng/ml



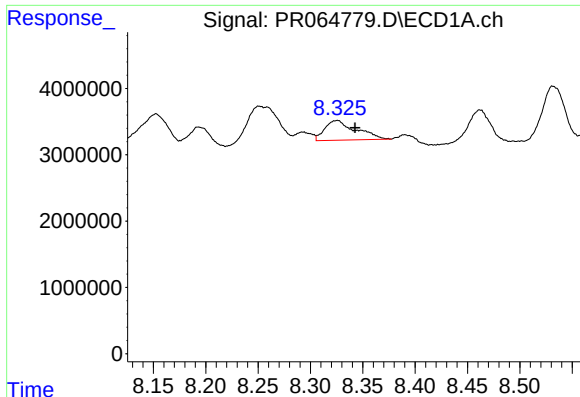
#38 AR-1262-3

R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 10302449
Conc: 32.68 ng/ml



#38 AR-1262-3

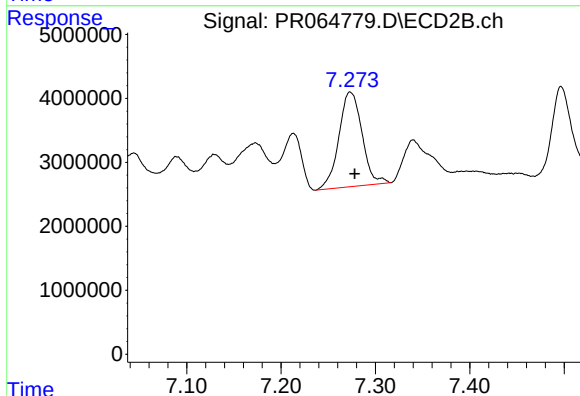
R.T.: 7.213 min
Delta R.T.: 0.003 min
Response: 9971366
Conc: 39.77 ng/ml



#39 AR-1262-4

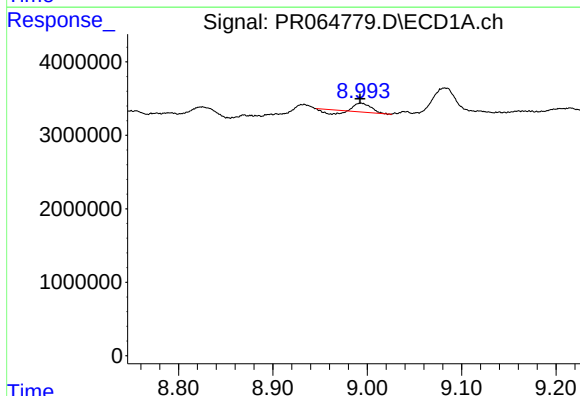
R.T.: 8.325 min
Delta R.T.: -0.018 min
Response: 6158155
Conc: 25.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



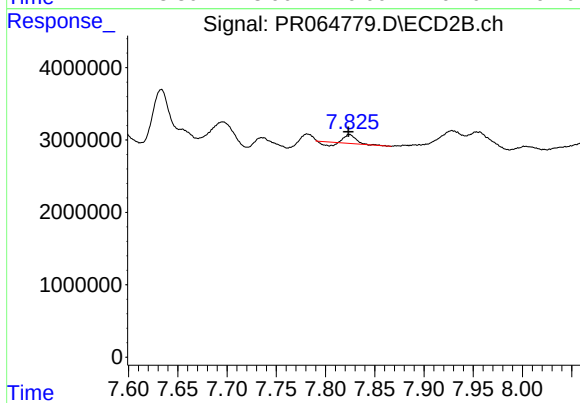
#39 AR-1262-4

R.T.: 7.273 min
Delta R.T.: -0.005 min
Response: 25258372
Conc: 52.92 ng/ml



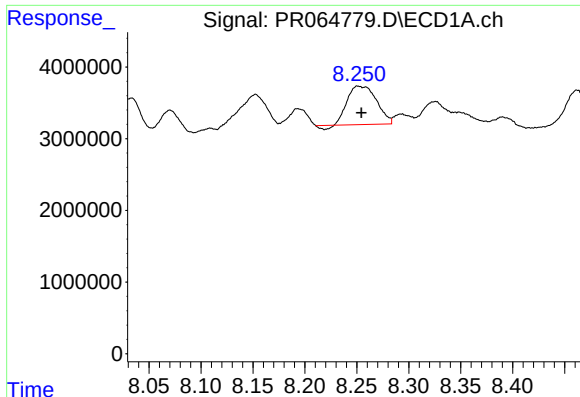
#40 AR-1262-5

R.T.: 8.993 min
Delta R.T.: 0.001 min
Response: 754089
Conc: 4.64 ng/ml



#40 AR-1262-5

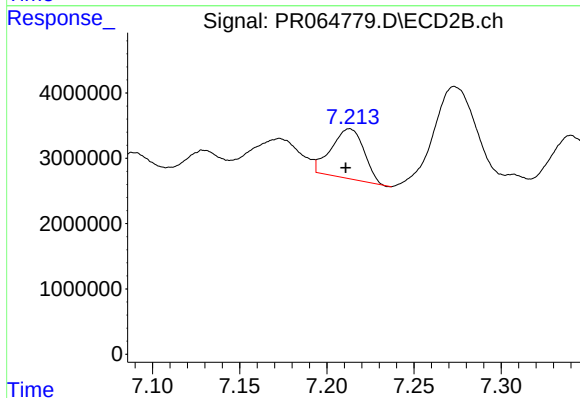
R.T.: 7.825 min
Delta R.T.: 0.001 min
Response: 757446
Conc: 3.57 ng/ml



#41 AR-1268-1

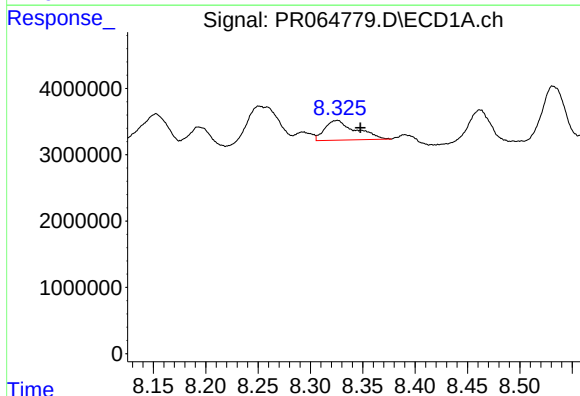
R.T.: 8.253 min
Delta R.T.: -0.002 min
Response: 10302449
Conc: 18.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



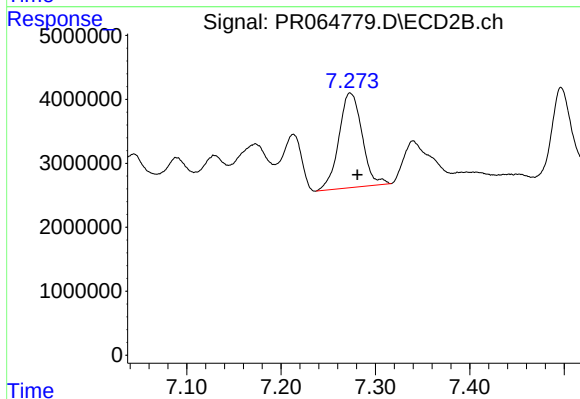
#41 AR-1268-1

R.T.: 7.213 min
Delta R.T.: 0.002 min
Response: 9971366
Conc: 12.76 ng/ml



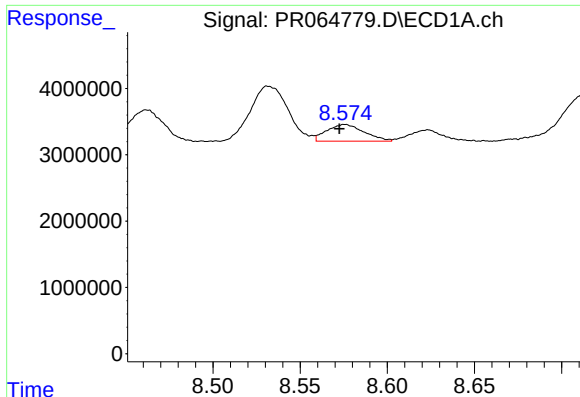
#42 AR-1268-2

R.T.: 8.325 min
Delta R.T.: -0.023 min
Response: 6158155
Conc: 12.17 ng/ml



#42 AR-1268-2

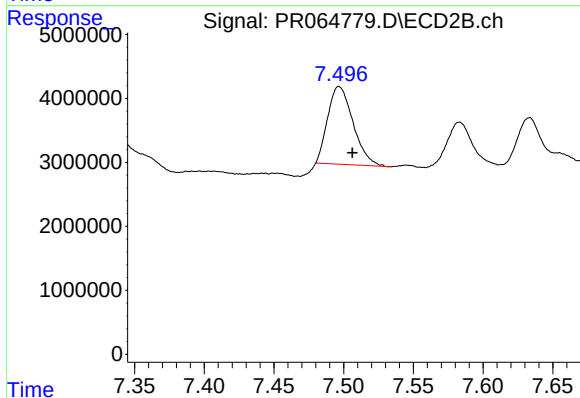
R.T.: 7.273 min
Delta R.T.: -0.008 min
Response: 25258372
Conc: 35.20 ng/ml



#43 AR-1268-3

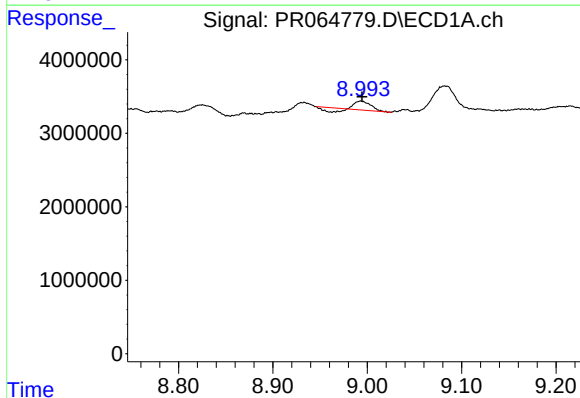
R.T.: 8.576 min
Delta R.T.: 0.003 min
Response: 3767638
Conc: 8.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



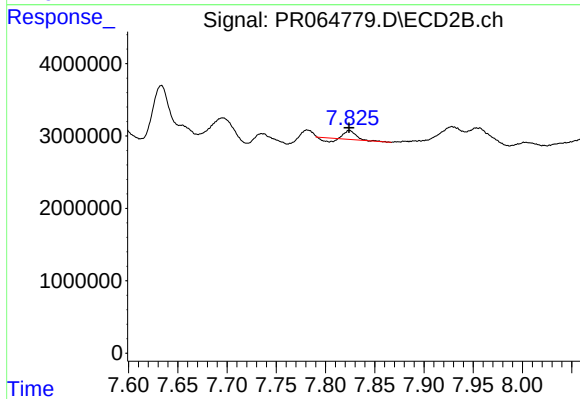
#43 AR-1268-3

R.T.: 7.497 min
Delta R.T.: -0.009 min
Response: 15395667
Conc: 25.71 ng/ml



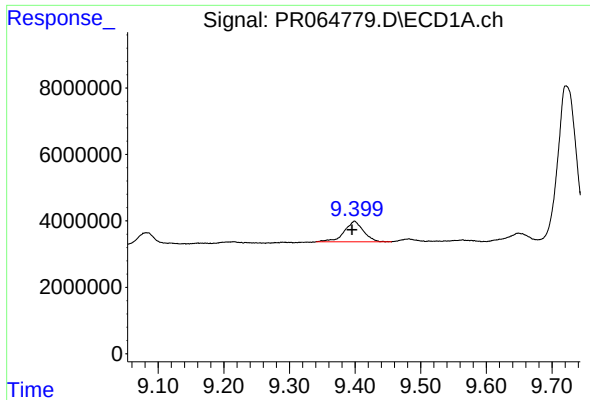
#44 AR-1268-4

R.T.: 8.993 min
Delta R.T.: -0.001 min
Response: 754089
Conc: 4.06 ng/ml



#44 AR-1268-4

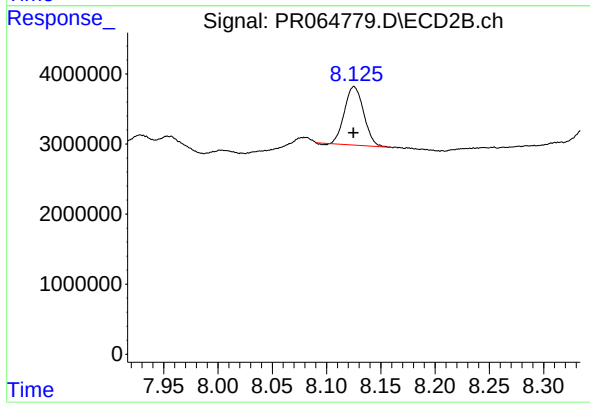
R.T.: 7.825 min
Delta R.T.: 0.000 min
Response: 757446
Conc: 3.03 ng/ml



#45 AR-1268-5

R.T.: 9.399 min
Delta R.T.: 0.004 min
Response: 12482095
Conc: 9.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 10176155
Conc: 5.66 ng/ml