

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092923\
 Data File : PR063720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 14:45
 Operator : YP\AJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 21:17:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 13 07:34:49 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...	3.666	2.880	125.9E6	70410497	19.404	20.596
2)	SA Decachlor...	9.662	8.170	246.1E6	189.1E6	66.455	63.271
Target Compounds							
3)	L1 AR-1016-1	4.906	4.022	1318628	1251298	6.750	11.116 #
4)	L1 AR-1016-2	4.929	4.022	1959354	1251298	6.954	7.365
5)	L1 AR-1016-3	4.994	4.194	1111851	454791	6.618	5.232
6)	L1 AR-1016-4	5.095	4.252	707073	394246	5.152	5.829
7)	L1 AR-1016-5	5.413	4.472	595670	649774	4.464	7.503 #
8)	L2 AR-1221-1	3.899	3.087	504622	275563	6.952	7.442
9)	L2 AR-1221-2	3.982	3.214	2089983	86328	44.527	3.348 #
10)	L2 AR-1221-3	4.062	3.276	396362	592484	2.457	6.184 #
11)	L3 AR-1232-1	4.062	3.276	396362	592484	2.922	7.435 #
12)	L3 AR-1232-2	4.617	4.022	571753	1251298	9.029	16.722 #
13)	L3 AR-1232-3	4.929	4.194	1959354	454791	15.574	12.079
14)	L3 AR-1232-4	5.095	4.292	707073	621939	11.670	19.602 #
15)	L3 AR-1232-5	5.203	4.472	1055457	649774	24.400	18.020 #
16)	L4 AR-1242-1	4.906	4.022	1318628	1251298	7.910	13.107 #
17)	L4 AR-1242-2	4.929	4.022	1959354	1251298	8.211	8.763
18)	L4 AR-1242-3	4.994	4.194	1111851	454791	7.831	6.209
19)	L4 AR-1242-4	5.095	4.292	707073	621939	6.033	9.093 #
20)	L4 AR-1242-5	5.892	4.845	1226347	770193	10.576	8.805
21)	L5 AR-1248-1	4.906	4.022	1318628	1251298	10.198	16.752 #
22)	L5 AR-1248-2	5.203	4.252	1055457	394246	6.224	3.693 #
23)	L5 AR-1248-3	5.413	4.292	595670	621939	2.952	5.848 #
24)	L5 AR-1248-4	5.851	4.472	851529	649774	3.908	5.002 #
25)	L5 AR-1248-5	5.892	4.885	1226347	660862	5.828	5.141
26)	L6 AR-1254-1	5.820	4.845	567894	770193	2.588	3.901 #
27)	L6 AR-1254-2	6.061	5.004	1491287	313341	4.500	1.854 #
28)	L6 AR-1254-3	6.453	5.426	1832527	1105428	5.440	4.072 #
29)	L6 AR-1254-4	6.773	5.676	462380	835196	1.995	4.978 #
30)	L6 AR-1254-5	7.245	6.123	166918	302688	0.683	1.302 #
31)	L7 AR-1260-1	6.655	5.574	343404	1153219	1.429	6.500 #
32)	L7 AR-1260-2	6.927	5.776	2210686	1404164	8.059	6.596
33)	L7 AR-1260-3	7.318	5.938	39724226	2200674	207.740	11.049 #
34)	L7 AR-1260-4	7.584	6.442	49536154	41070206	226.546	250.814
35)	L7 AR-1260-5	7.903	6.714	18980836	17067465	43.859	43.116
36)	L8 AR-1262-1	7.318	6.170	39724226	32619403	130.389	128.990
37)	L8 AR-1262-2	7.903	6.714	18980836	17067465	37.027	37.213
38)	L8 AR-1262-3	8.212	7.020	200.6E6	183.5E6	600.597	1031.129 #
39)	L8 AR-1262-4	8.306	7.090	186.2E6	167.1E6	747.990	496.879 #
40)	L8 AR-1262-5	8.944	7.631	66236286	54709059	371.053	362.593
41)	L9 AR-1268-1	8.212	7.020	200.6E6	183.5E6	334.094	339.913

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092923\
 Data File : PR063720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 14:45
 Operator : YP\AJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 21:17:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 13 07:34:49 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
42) L9	AR-1268-2	8.306	7.090	186.2E6	167.1E6	342.622	340.584
43) L9	AR-1268-3	8.527	7.311	153.8E6	132.6E6	328.495	319.022
44) L9	AR-1268-4	8.944	7.631	66236286	54709059	330.986	322.858
45) L9	AR-1268-5	9.341	7.927	527.1E6	433.8E6	343.114	323.162

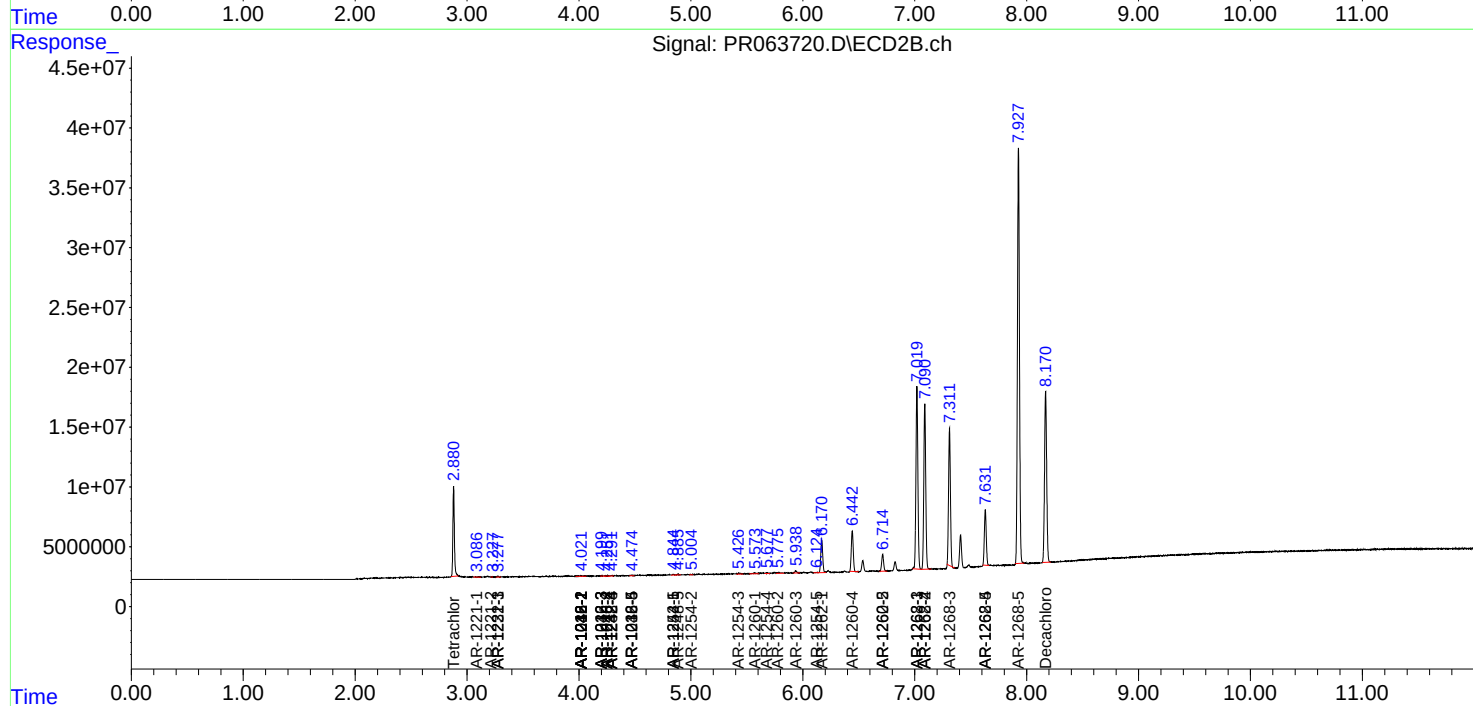
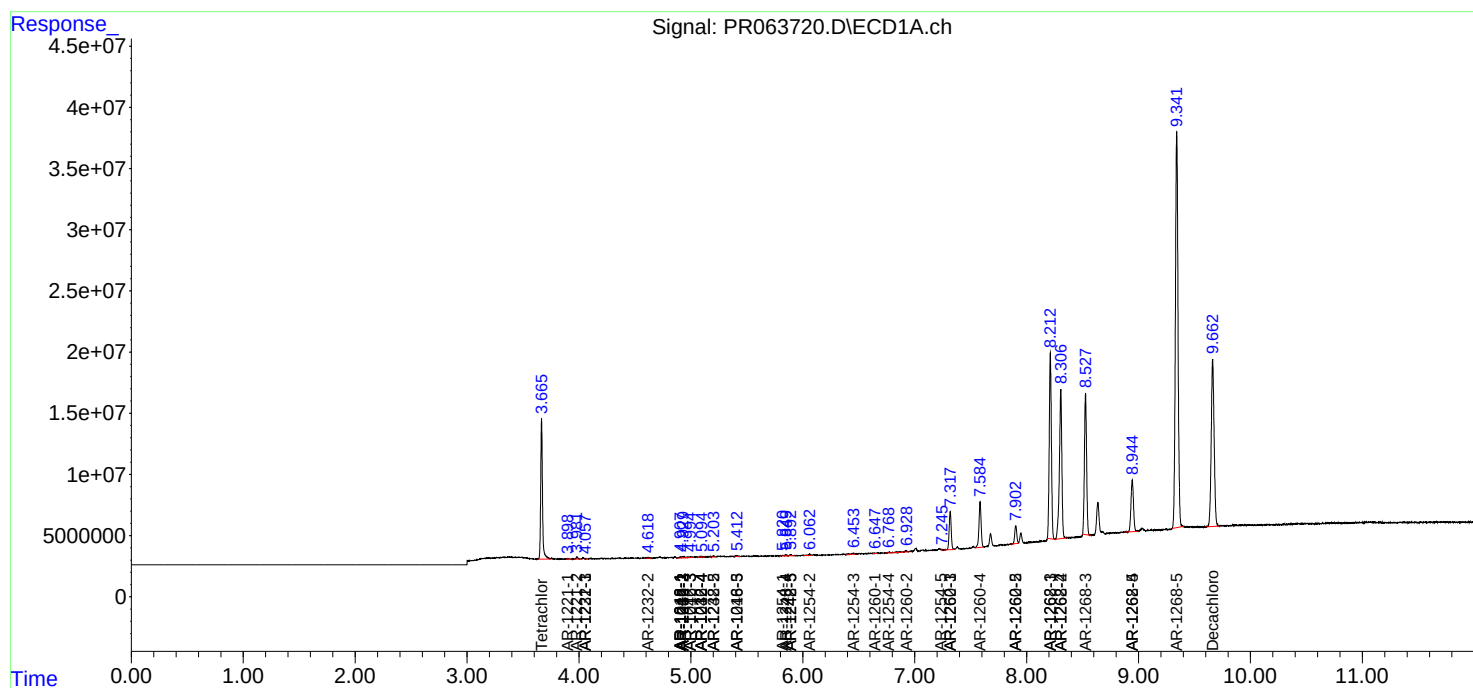
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

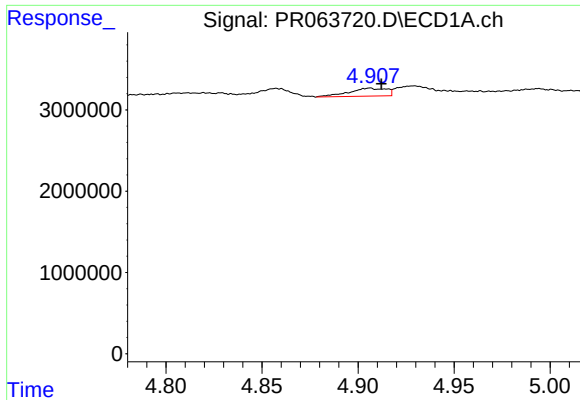
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092923\
Data File : PR063720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2023 14:45
Operator : YP\AJ
Sample : AR1268CCC400
Misc :
ALS Vial : 141 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 21:17:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091223CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 13 07:34:49 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

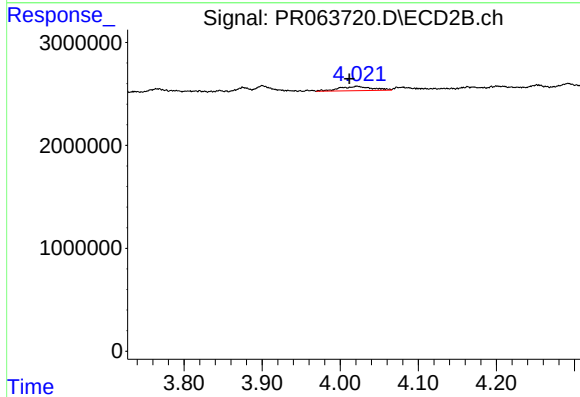




#3 AR-1016-1

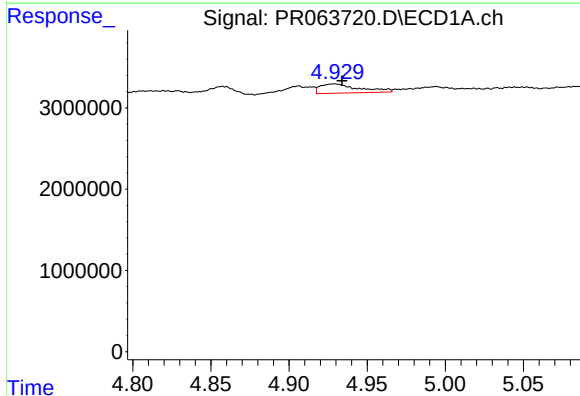
R.T.: 4.906 min
Delta R.T.: -0.006 min
Response: 1318628
Conc: 6.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



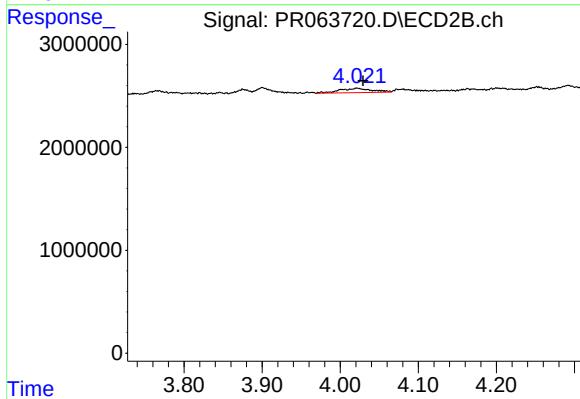
#3 AR-1016-1

R.T.: 4.022 min
Delta R.T.: 0.010 min
Response: 1251298
Conc: 11.12 ng/ml



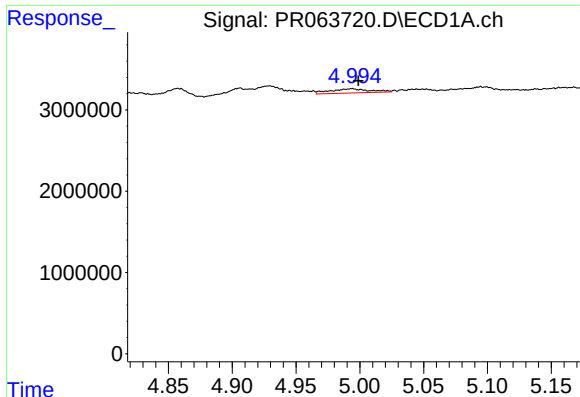
#4 AR-1016-2

R.T.: 4.929 min
Delta R.T.: -0.005 min
Response: 1959354
Conc: 6.95 ng/ml



#4 AR-1016-2

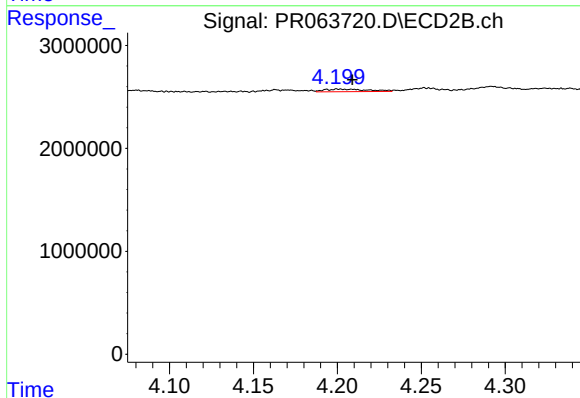
R.T.: 4.022 min
Delta R.T.: -0.008 min
Response: 1251298
Conc: 7.37 ng/ml



#5 AR-1016-3

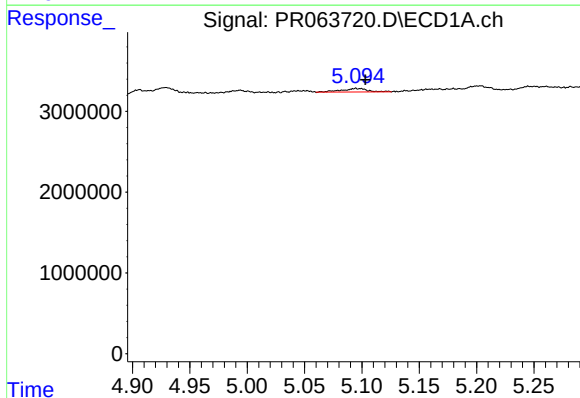
R.T.: 4.994 min
Delta R.T.: -0.005 min
Response: 1111851
Conc: 6.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



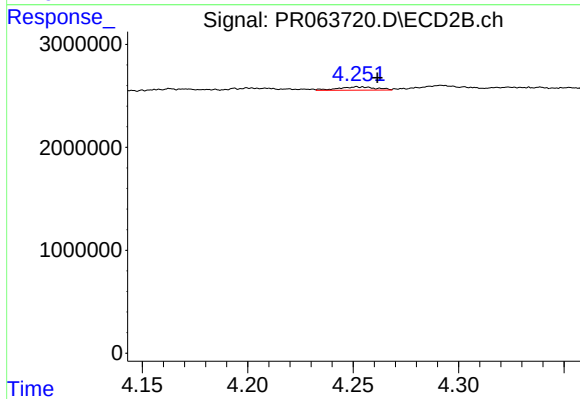
#5 AR-1016-3

R.T.: 4.194 min
Delta R.T.: -0.015 min
Response: 454791
Conc: 5.23 ng/ml



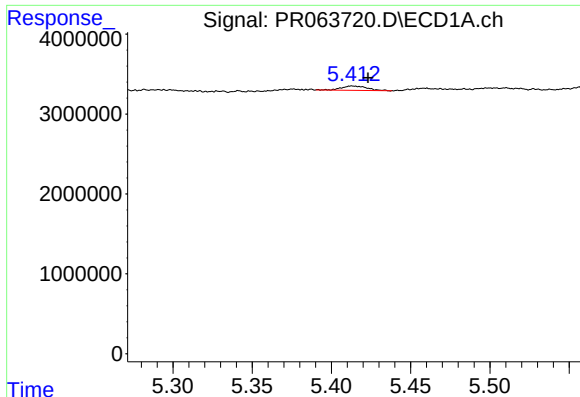
#6 AR-1016-4

R.T.: 5.095 min
Delta R.T.: -0.008 min
Response: 707073
Conc: 5.15 ng/ml



#6 AR-1016-4

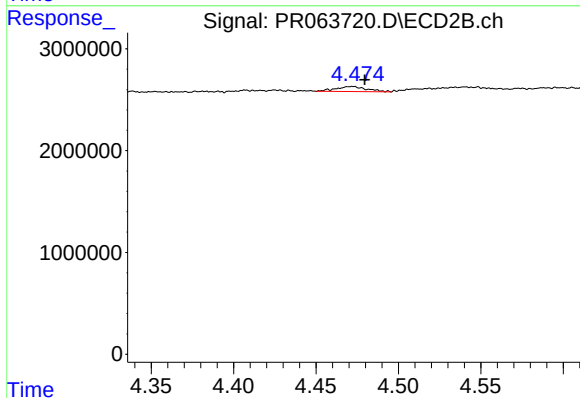
R.T.: 4.252 min
Delta R.T.: -0.009 min
Response: 394246
Conc: 5.83 ng/ml



#7 AR-1016-5

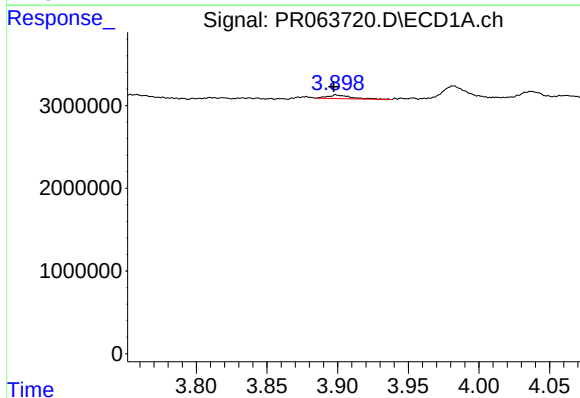
R.T.: 5.413 min
Delta R.T.: -0.010 min
Response: 595670
Conc: 4.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



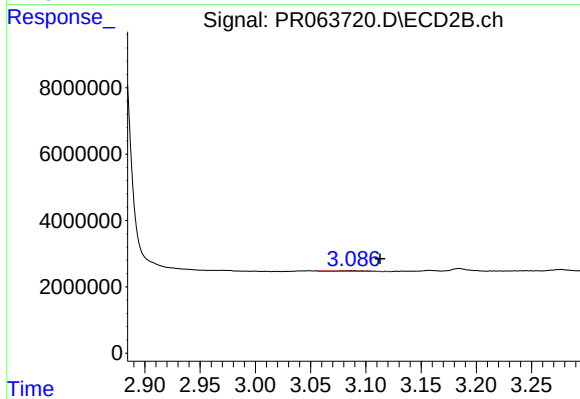
#7 AR-1016-5

R.T.: 4.472 min
Delta R.T.: -0.008 min
Response: 649774
Conc: 7.50 ng/ml



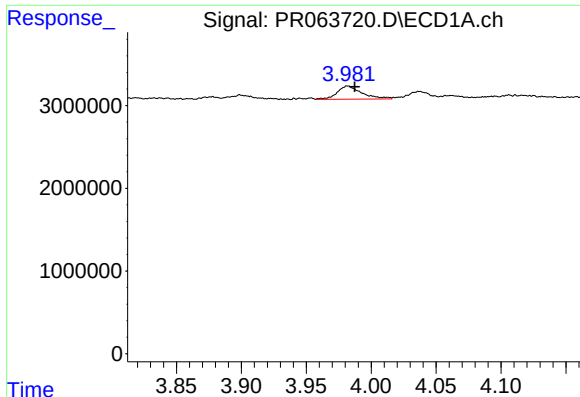
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: 0.002 min
Response: 504622
Conc: 6.95 ng/ml



#8 AR-1221-1

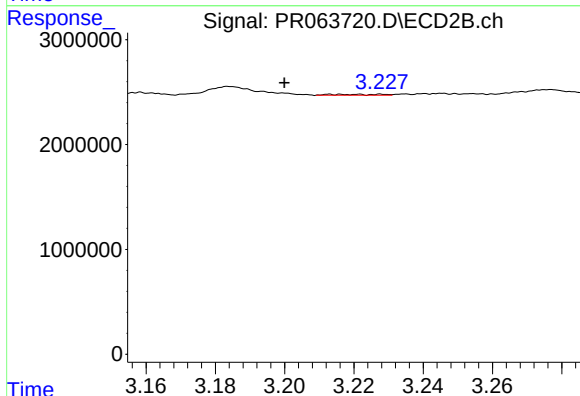
R.T.: 3.087 min
Delta R.T.: -0.026 min
Response: 275563
Conc: 7.44 ng/ml



#9 AR-1221-2

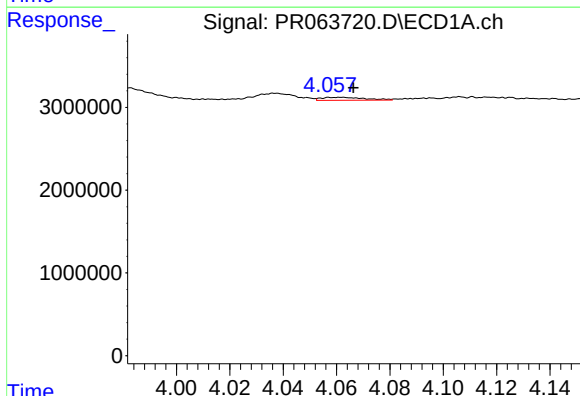
R.T.: 3.982 min
Delta R.T.: -0.005 min
Response: 2089983
Conc: 44.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



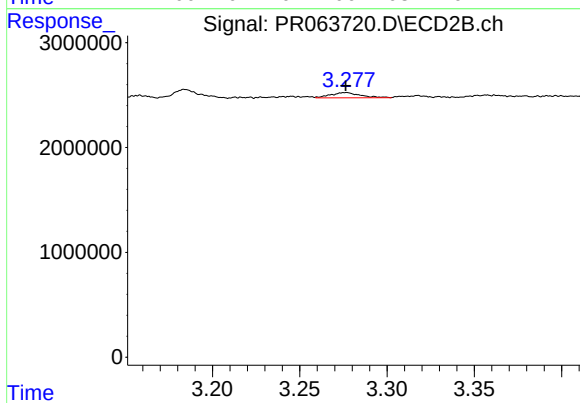
#9 AR-1221-2

R.T.: 3.214 min
Delta R.T.: 0.014 min
Response: 86328
Conc: 3.35 ng/ml



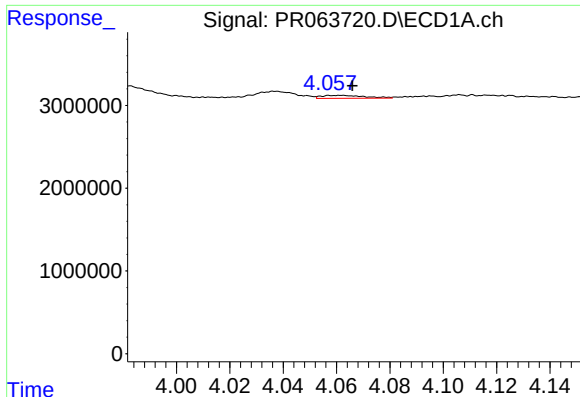
#10 AR-1221-3

R.T.: 4.062 min
Delta R.T.: -0.005 min
Response: 396362
Conc: 2.46 ng/ml



#10 AR-1221-3

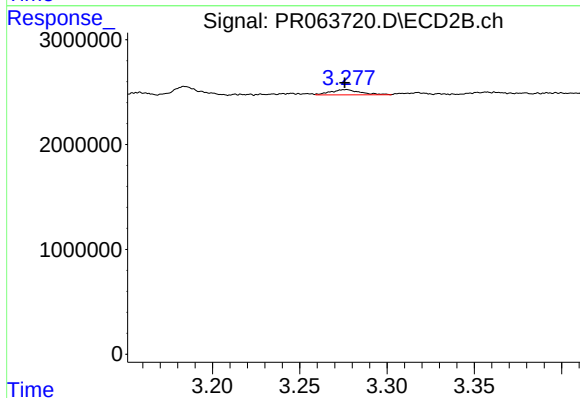
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 592484
Conc: 6.18 ng/ml



#11 AR-1232-1

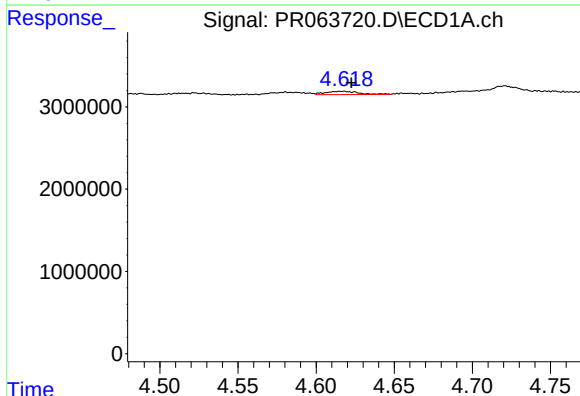
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 396362
Conc: 2.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



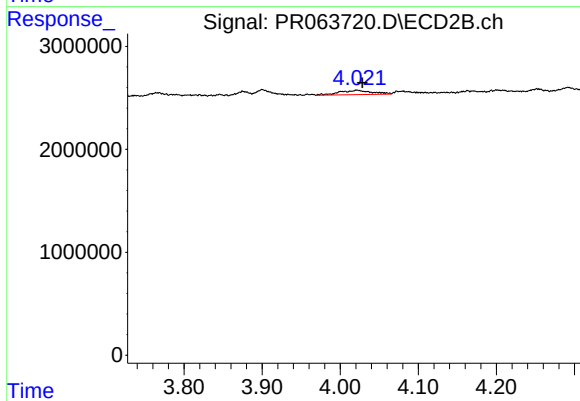
#11 AR-1232-1

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 592484
Conc: 7.43 ng/ml



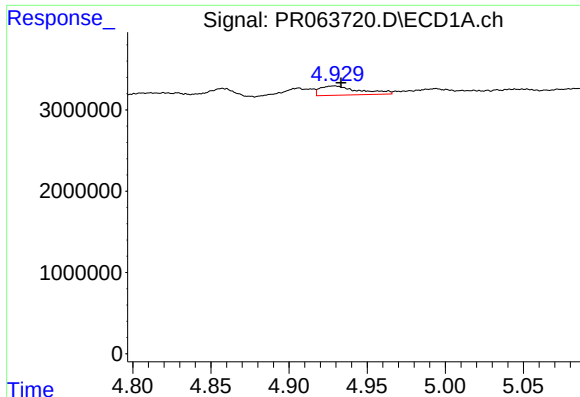
#12 AR-1232-2

R.T.: 4.617 min
Delta R.T.: -0.005 min
Response: 571753
Conc: 9.03 ng/ml



#12 AR-1232-2

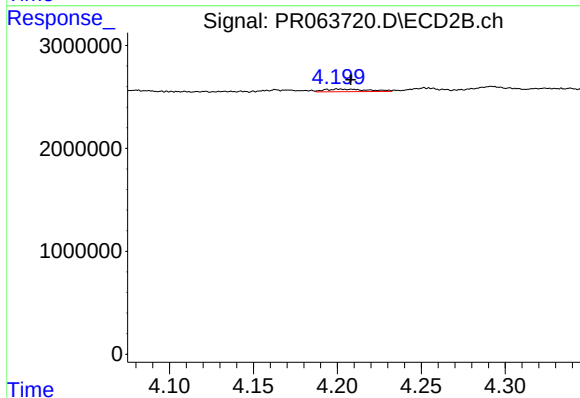
R.T.: 4.022 min
Delta R.T.: -0.007 min
Response: 1251298
Conc: 16.72 ng/ml



#13 AR-1232-3

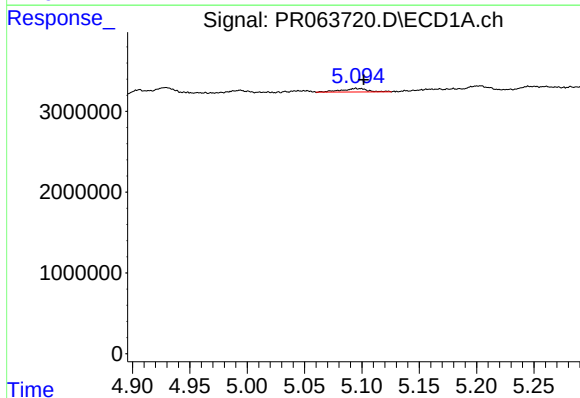
R.T.: 4.929 min
Delta R.T.: -0.004 min
Response: 1959354
Conc: 15.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



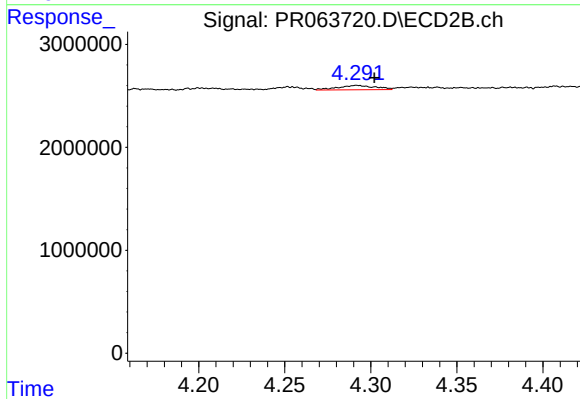
#13 AR-1232-3

R.T.: 4.194 min
Delta R.T.: -0.014 min
Response: 454791
Conc: 12.08 ng/ml



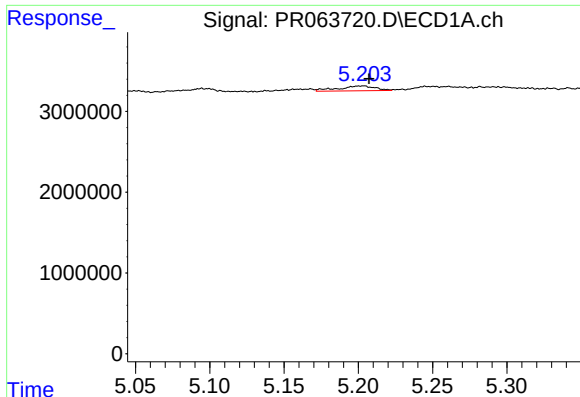
#14 AR-1232-4

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 707073
Conc: 11.67 ng/ml



#14 AR-1232-4

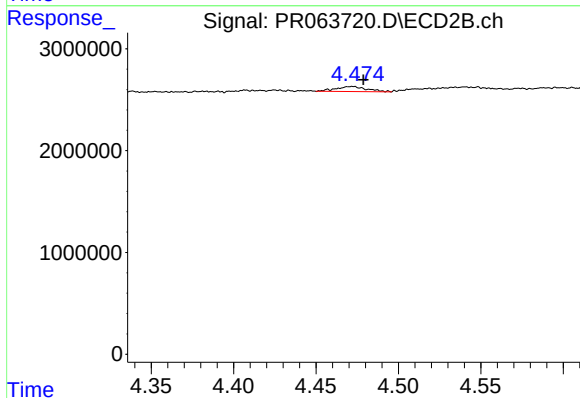
R.T.: 4.292 min
Delta R.T.: -0.010 min
Response: 621939
Conc: 19.60 ng/ml



#15 AR-1232-5

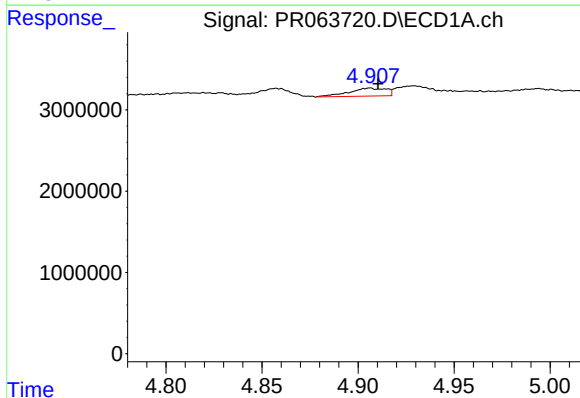
R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 1055457
Conc: 24.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



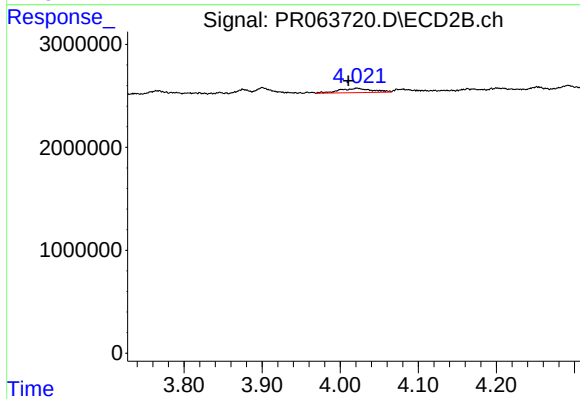
#15 AR-1232-5

R.T.: 4.472 min
Delta R.T.: -0.007 min
Response: 649774
Conc: 18.02 ng/ml



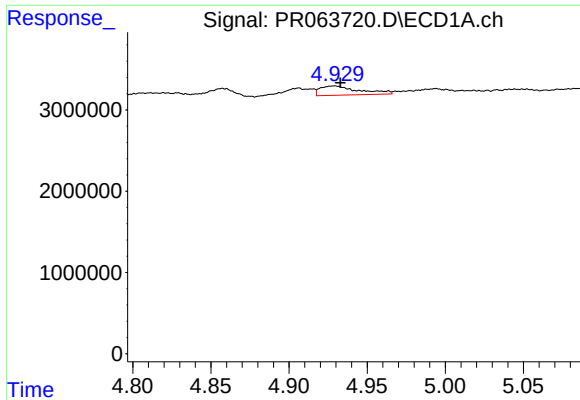
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: -0.005 min
Response: 1318628
Conc: 7.91 ng/ml



#16 AR-1242-1

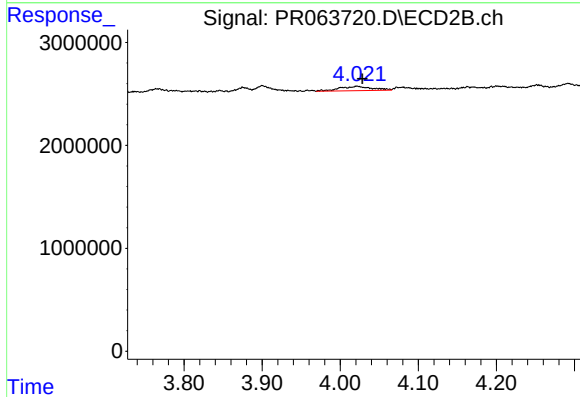
R.T.: 4.022 min
Delta R.T.: 0.011 min
Response: 1251298
Conc: 13.11 ng/ml



#17 AR-1242-2

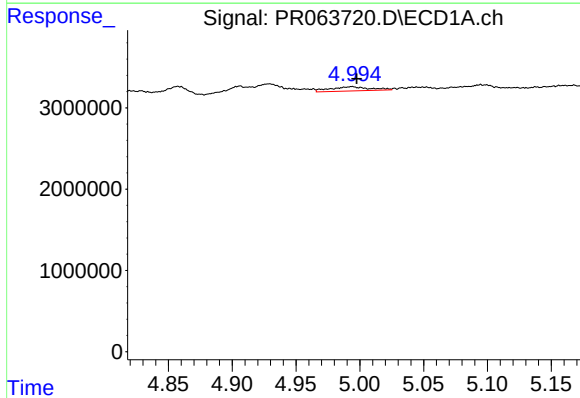
R.T.: 4.929 min
Delta R.T.: -0.004 min
Response: 1959354
Conc: 8.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



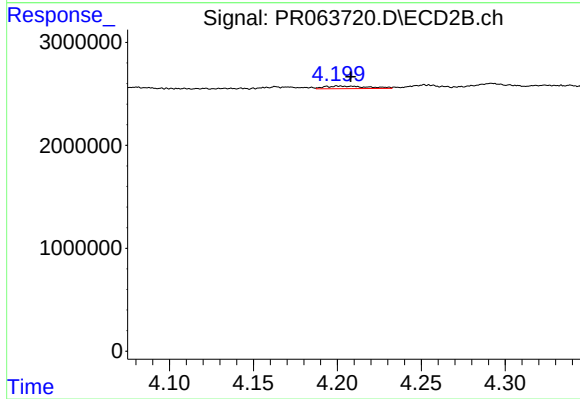
#17 AR-1242-2

R.T.: 4.022 min
Delta R.T.: -0.007 min
Response: 1251298
Conc: 8.76 ng/ml



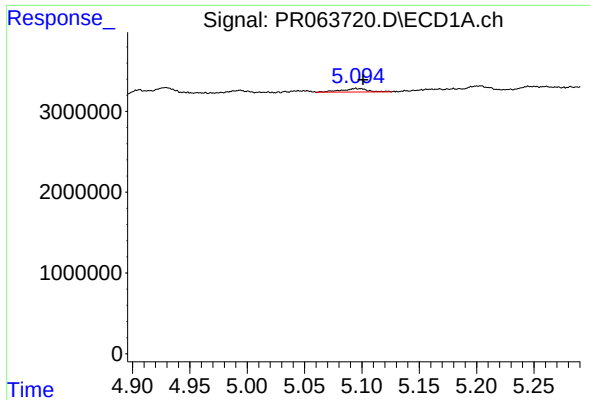
#18 AR-1242-3

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 1111851
Conc: 7.83 ng/ml



#18 AR-1242-3

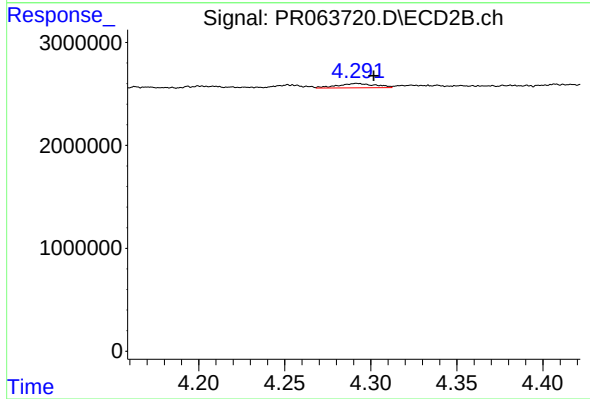
R.T.: 4.194 min
Delta R.T.: -0.014 min
Response: 454791
Conc: 6.21 ng/ml



#19 AR-1242-4

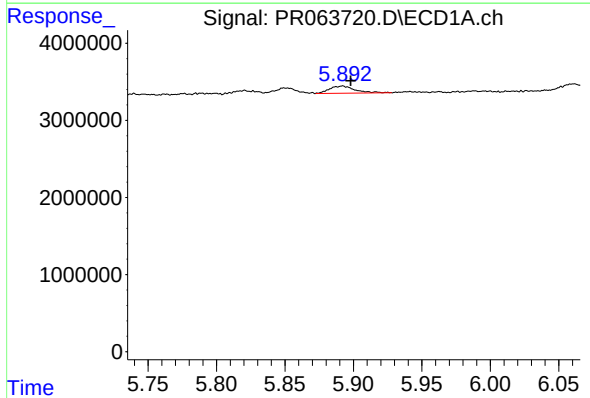
R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 707073
Conc: 6.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



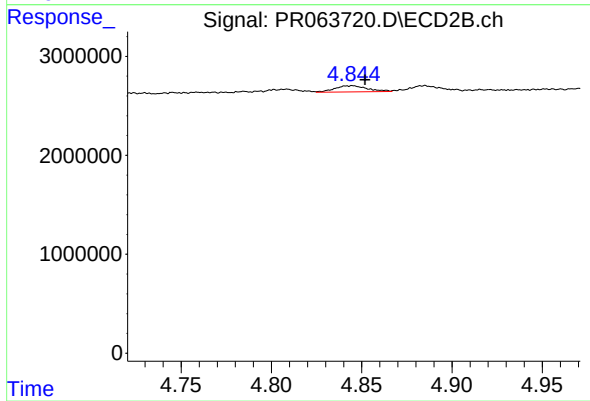
#19 AR-1242-4

R.T.: 4.292 min
Delta R.T.: -0.010 min
Response: 621939
Conc: 9.09 ng/ml



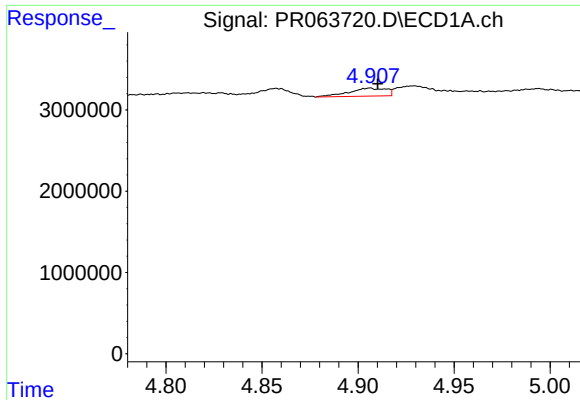
#20 AR-1242-5

R.T.: 5.892 min
Delta R.T.: -0.006 min
Response: 1226347
Conc: 10.58 ng/ml



#20 AR-1242-5

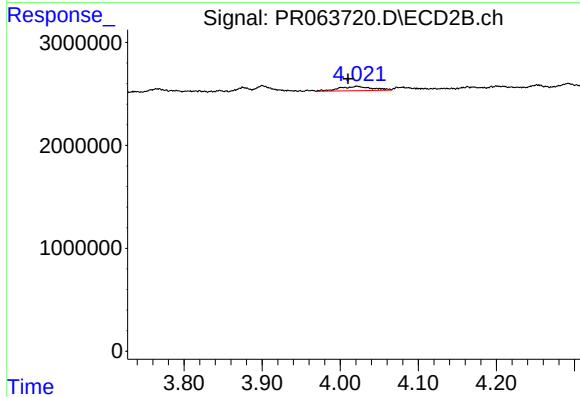
R.T.: 4.845 min
Delta R.T.: -0.007 min
Response: 770193
Conc: 8.80 ng/ml



#21 AR-1248-1

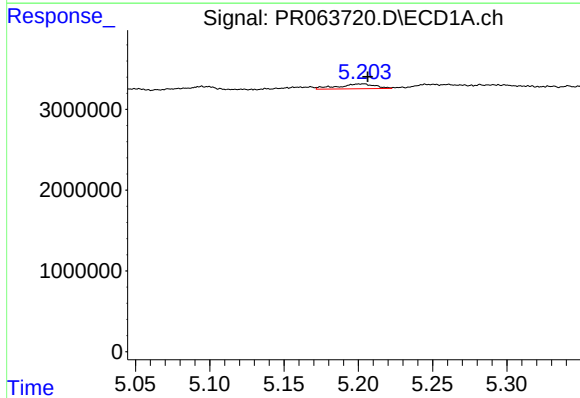
R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 1318628
Conc: 10.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



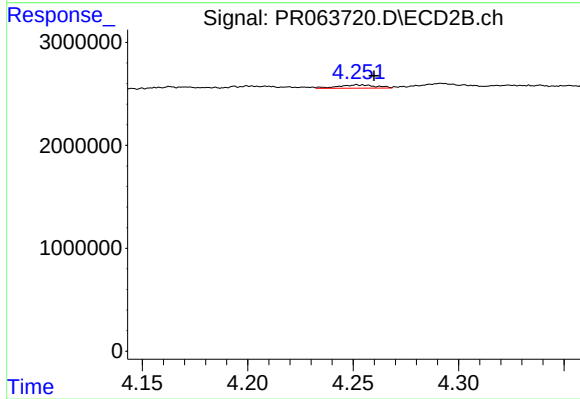
#21 AR-1248-1

R.T.: 4.022 min
Delta R.T.: 0.012 min
Response: 1251298
Conc: 16.75 ng/ml



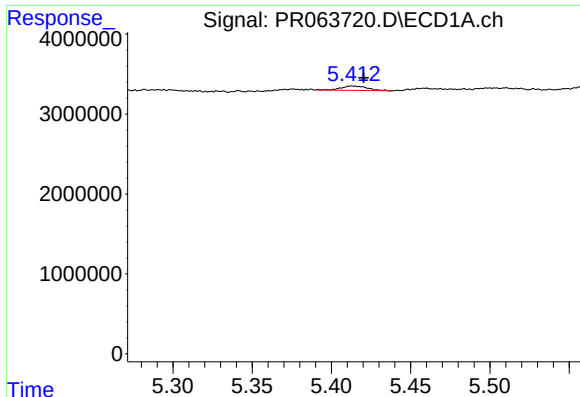
#22 AR-1248-2

R.T.: 5.203 min
Delta R.T.: -0.003 min
Response: 1055457
Conc: 6.22 ng/ml



#22 AR-1248-2

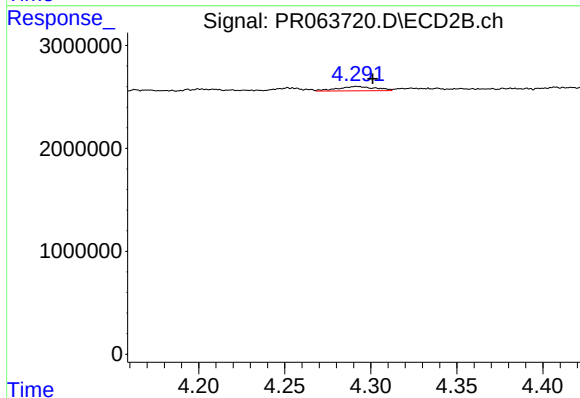
R.T.: 4.252 min
Delta R.T.: -0.008 min
Response: 394246
Conc: 3.69 ng/ml



#23 AR-1248-3

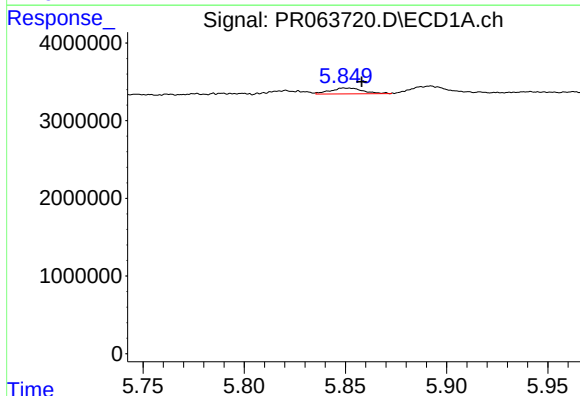
R.T.: 5.413 min
Delta R.T.: -0.007 min
Response: 595670
Conc: 2.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



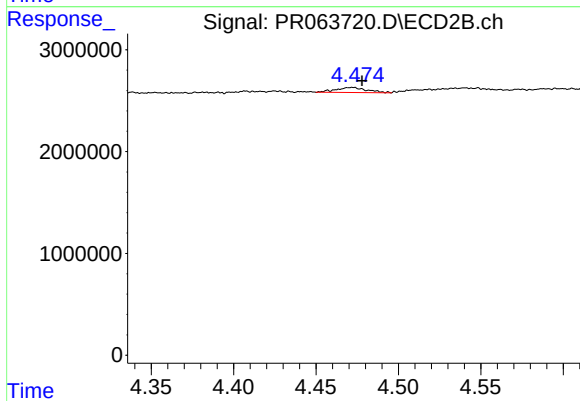
#23 AR-1248-3

R.T.: 4.292 min
Delta R.T.: -0.009 min
Response: 621939
Conc: 5.85 ng/ml



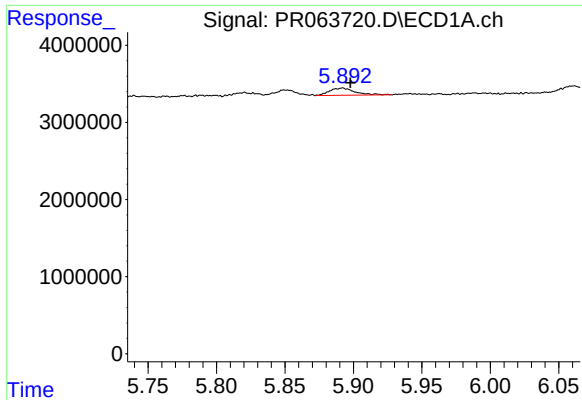
#24 AR-1248-4

R.T.: 5.851 min
Delta R.T.: -0.008 min
Response: 851529
Conc: 3.91 ng/ml



#24 AR-1248-4

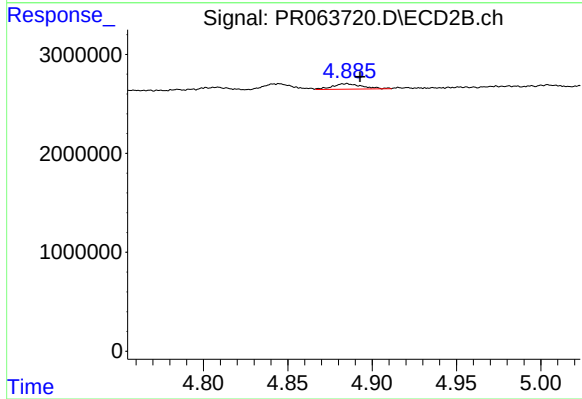
R.T.: 4.472 min
Delta R.T.: -0.006 min
Response: 649774
Conc: 5.00 ng/ml



#25 AR-1248-5

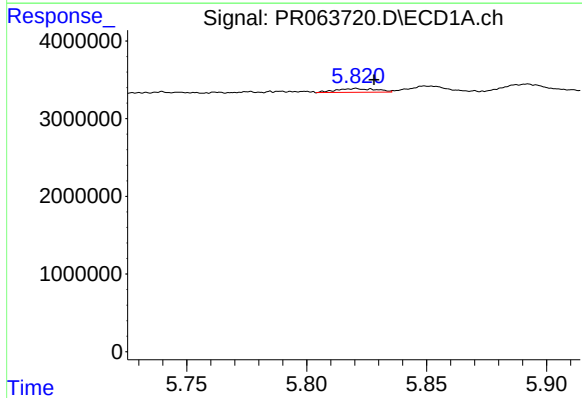
R.T.: 5.892 min
Delta R.T.: -0.006 min
Response: 1226347
Conc: 5.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



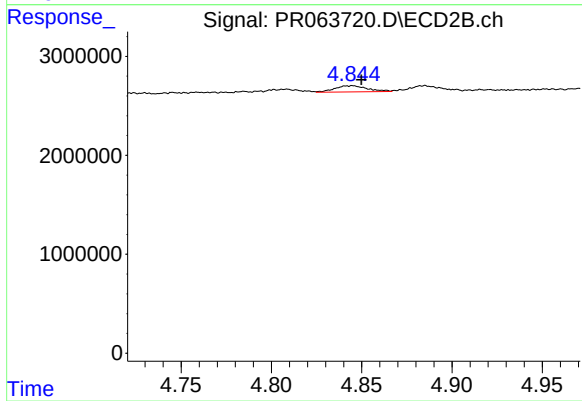
#25 AR-1248-5

R.T.: 4.885 min
Delta R.T.: -0.008 min
Response: 660862
Conc: 5.14 ng/ml



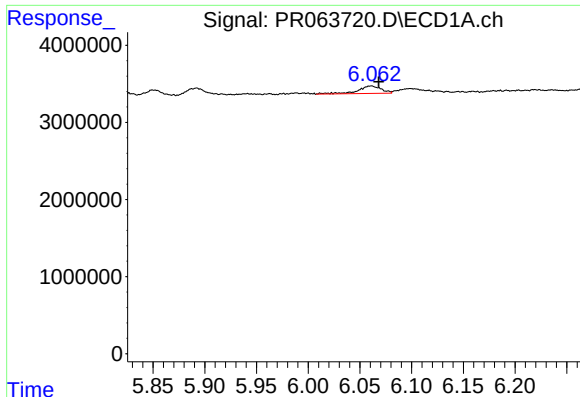
#26 AR-1254-1

R.T.: 5.820 min
Delta R.T.: -0.008 min
Response: 567894
Conc: 2.59 ng/ml



#26 AR-1254-1

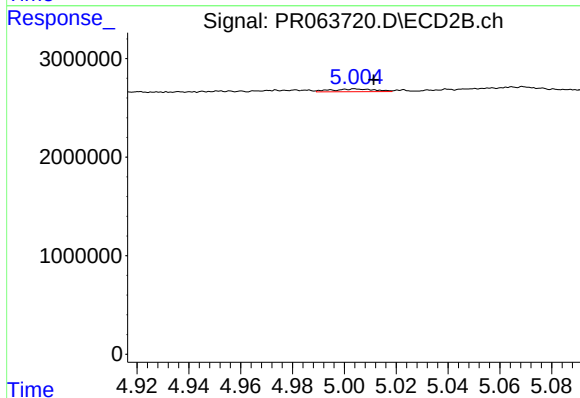
R.T.: 4.845 min
Delta R.T.: -0.005 min
Response: 770193
Conc: 3.90 ng/ml



#27 AR-1254-2

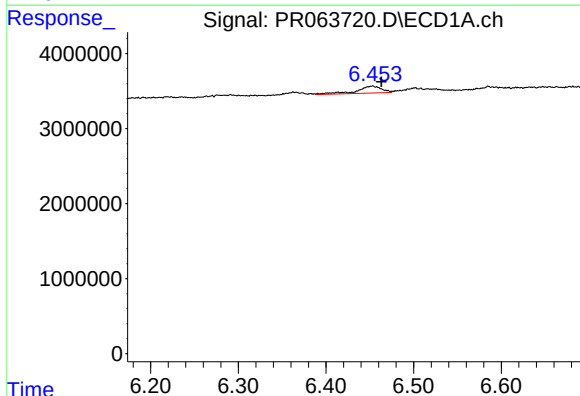
R.T.: 6.061 min
Delta R.T.: -0.007 min
Response: 1491287
Conc: 4.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



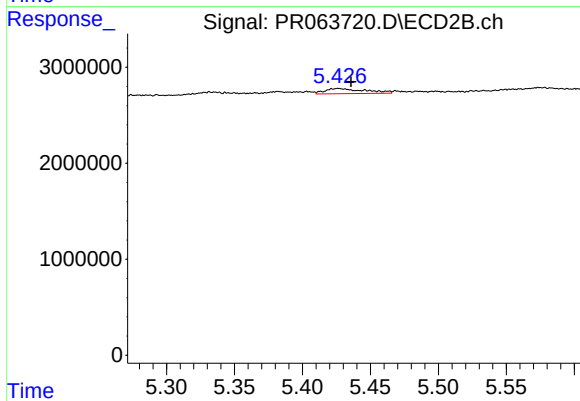
#27 AR-1254-2

R.T.: 5.004 min
Delta R.T.: -0.007 min
Response: 313341
Conc: 1.85 ng/ml



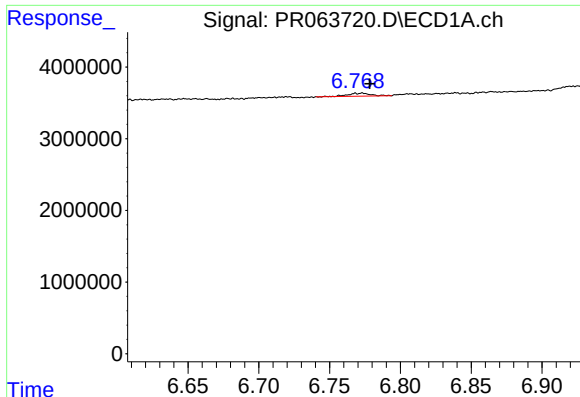
#28 AR-1254-3

R.T.: 6.453 min
Delta R.T.: -0.010 min
Response: 1832527
Conc: 5.44 ng/ml



#28 AR-1254-3

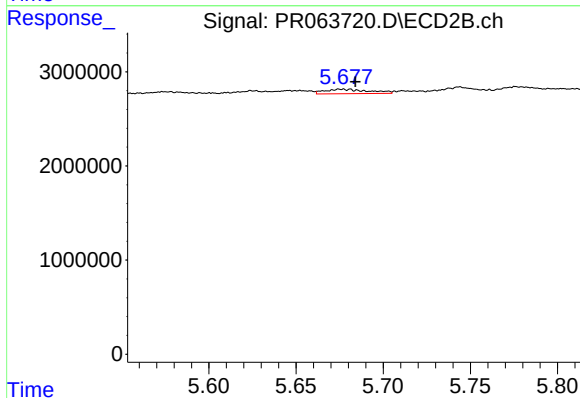
R.T.: 5.426 min
Delta R.T.: -0.009 min
Response: 1105428
Conc: 4.07 ng/ml



#29 AR-1254-4

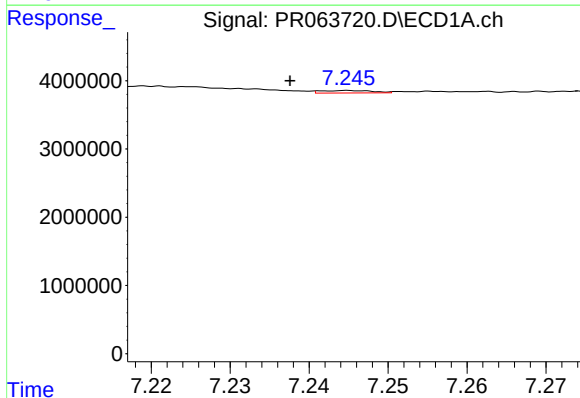
R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 462380
Conc: 2.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



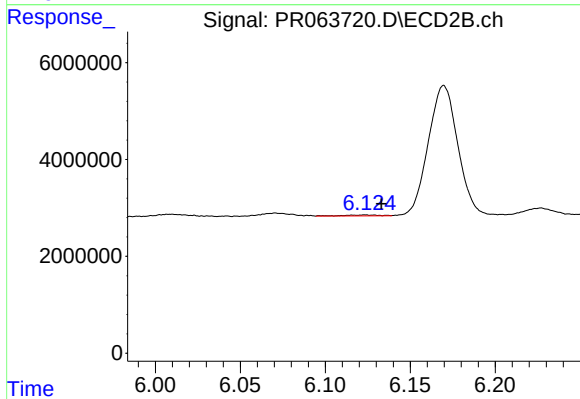
#29 AR-1254-4

R.T.: 5.676 min
Delta R.T.: -0.008 min
Response: 835196
Conc: 4.98 ng/ml



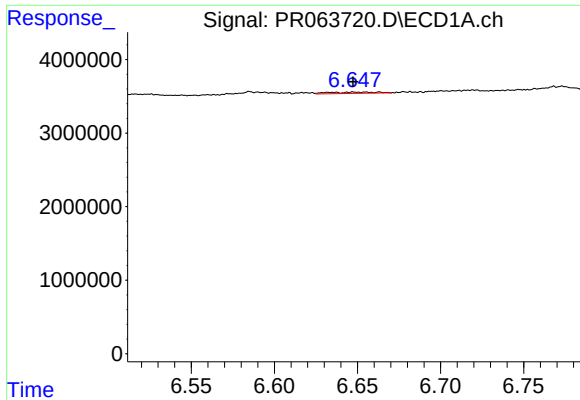
#30 AR-1254-5

R.T.: 7.245 min
Delta R.T.: 0.007 min
Response: 166918
Conc: 0.68 ng/ml



#30 AR-1254-5

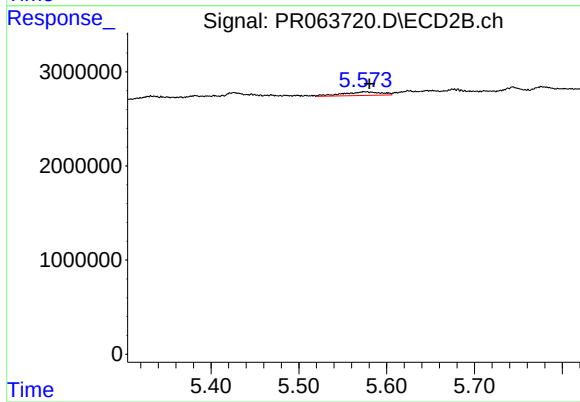
R.T.: 6.123 min
Delta R.T.: -0.010 min
Response: 302688
Conc: 1.30 ng/ml



#31 AR-1260-1

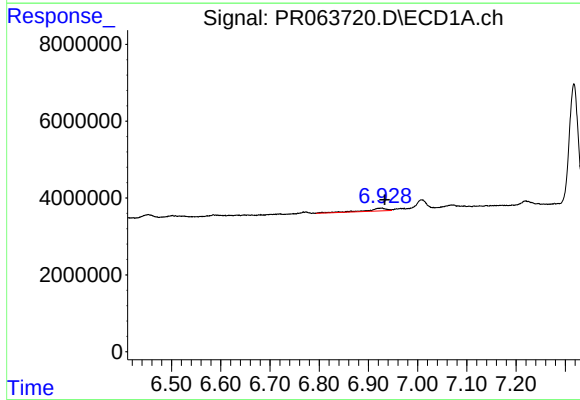
R.T.: 6.655 min
Delta R.T.: 0.008 min
Response: 343404
Conc: 1.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



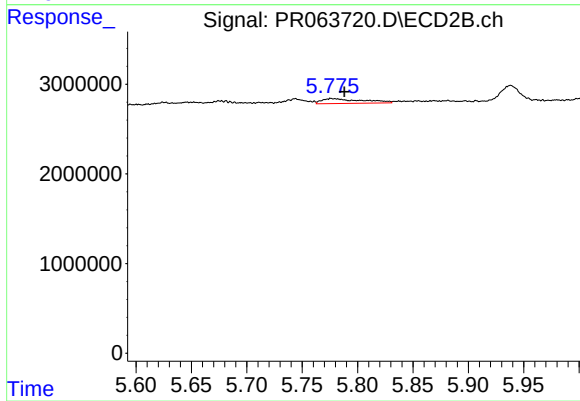
#31 AR-1260-1

R.T.: 5.574 min
Delta R.T.: -0.006 min
Response: 1153219
Conc: 6.50 ng/ml



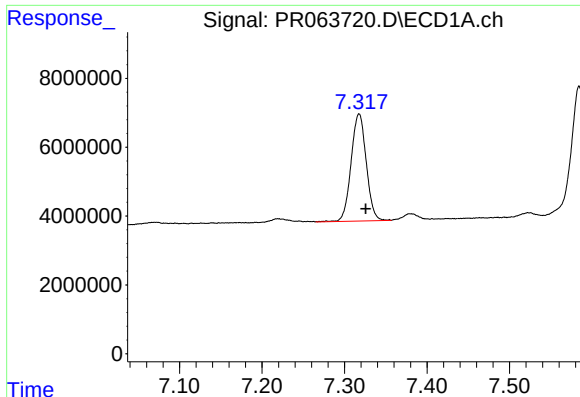
#32 AR-1260-2

R.T.: 6.927 min
Delta R.T.: -0.006 min
Response: 2210686
Conc: 8.06 ng/ml



#32 AR-1260-2

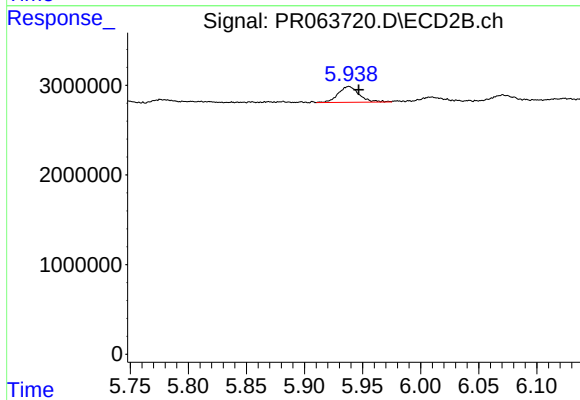
R.T.: 5.776 min
Delta R.T.: -0.012 min
Response: 1404164
Conc: 6.60 ng/ml



#33 AR-1260-3

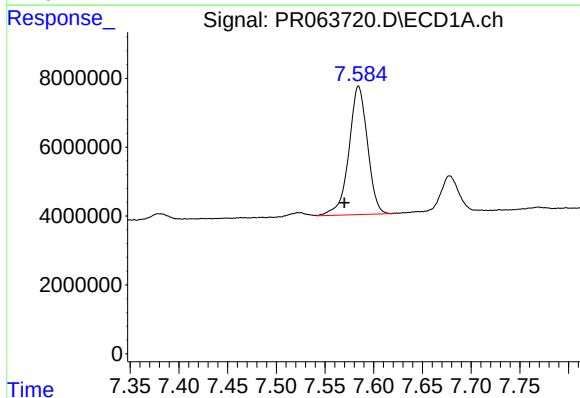
R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 39724226
Conc: 207.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



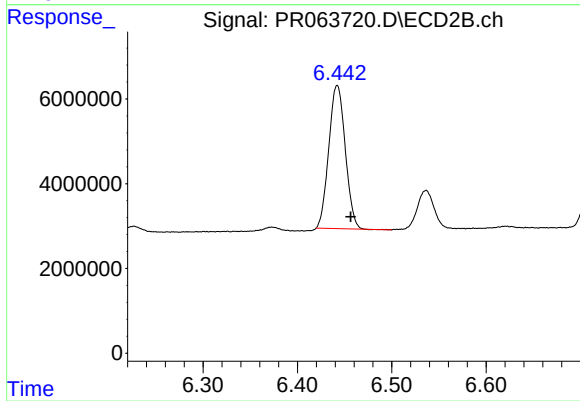
#33 AR-1260-3

R.T.: 5.938 min
Delta R.T.: -0.008 min
Response: 2200674
Conc: 11.05 ng/ml



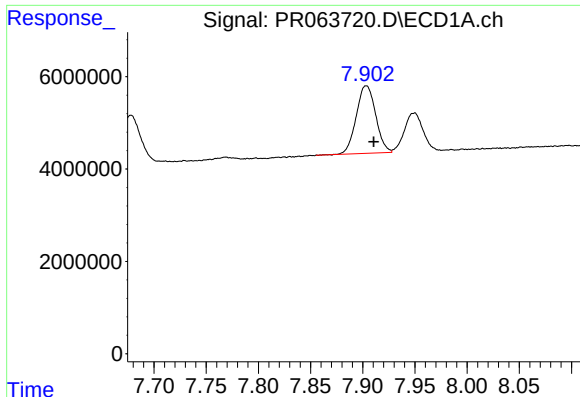
#34 AR-1260-4

R.T.: 7.584 min
Delta R.T.: 0.015 min
Response: 49536154
Conc: 226.55 ng/ml



#34 AR-1260-4

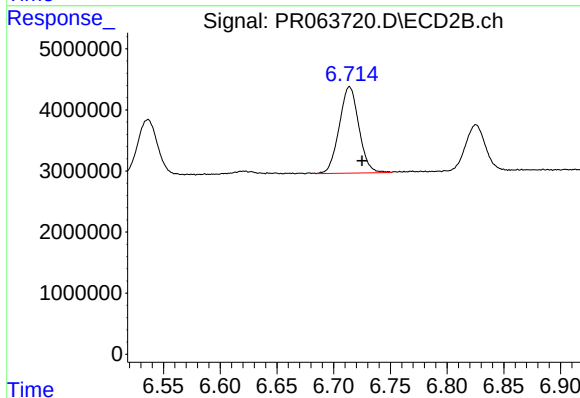
R.T.: 6.442 min
Delta R.T.: -0.014 min
Response: 41070206
Conc: 250.81 ng/ml



#35 AR-1260-5

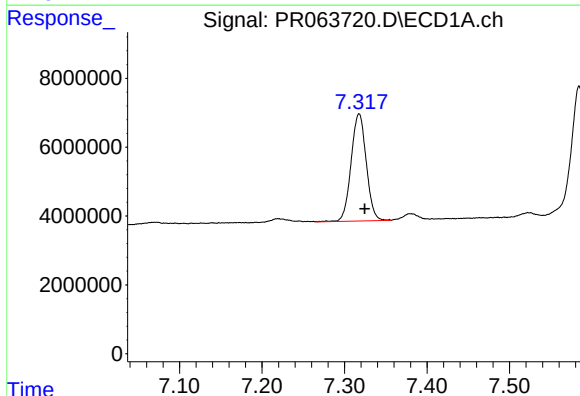
R.T.: 7.903 min
Delta R.T.: -0.007 min
Response: 18980836
Conc: 43.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



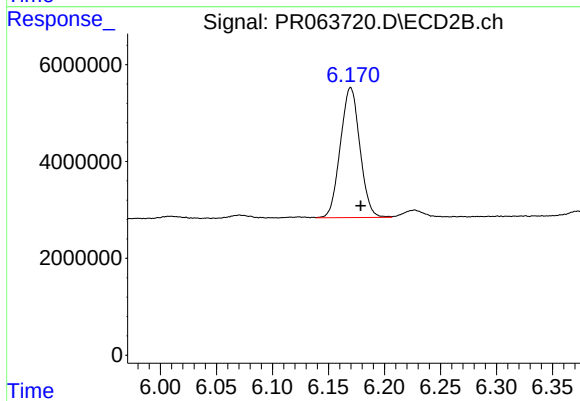
#35 AR-1260-5

R.T.: 6.714 min
Delta R.T.: -0.011 min
Response: 17067465
Conc: 43.12 ng/ml



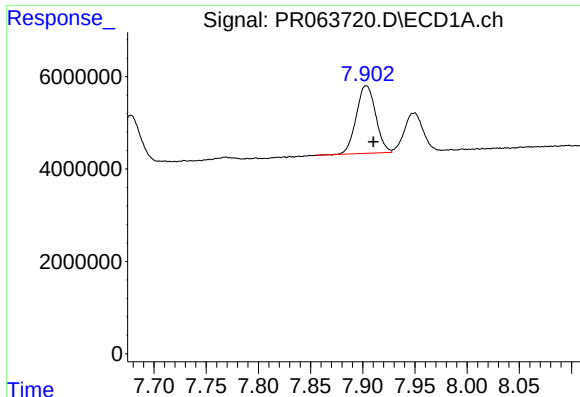
#36 AR-1262-1

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 39724226
Conc: 130.39 ng/ml



#36 AR-1262-1

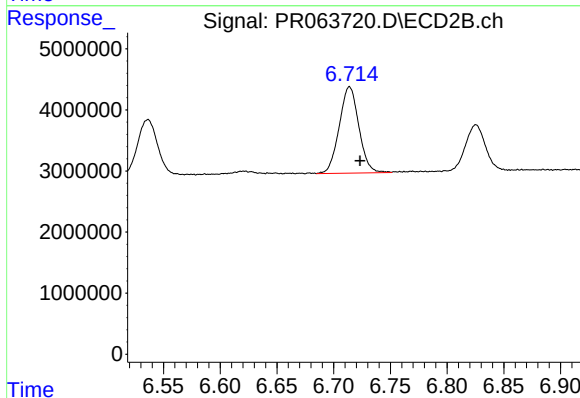
R.T.: 6.170 min
Delta R.T.: -0.009 min
Response: 32619403
Conc: 128.99 ng/ml



#37 AR-1262-2

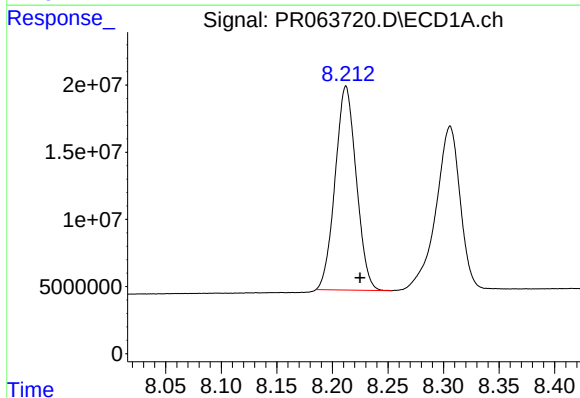
R.T.: 7.903 min
Delta R.T.: -0.007 min
Response: 18980836
Conc: 37.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



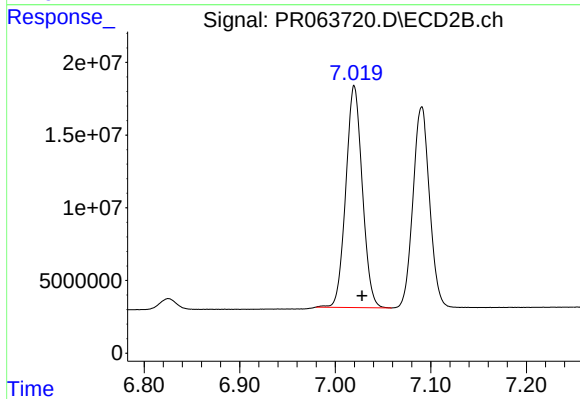
#37 AR-1262-2

R.T.: 6.714 min
Delta R.T.: -0.009 min
Response: 17067465
Conc: 37.21 ng/ml



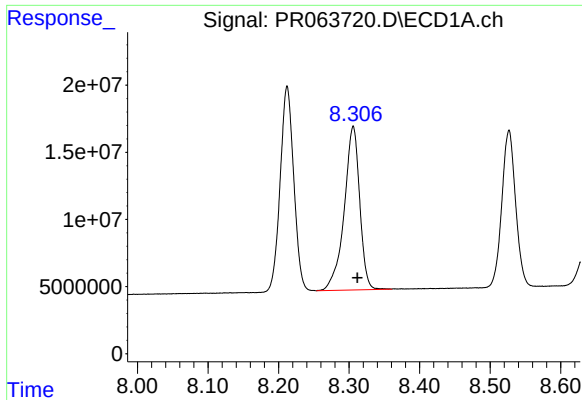
#38 AR-1262-3

R.T.: 8.212 min
Delta R.T.: -0.013 min
Response: 200582213
Conc: 600.60 ng/ml



#38 AR-1262-3

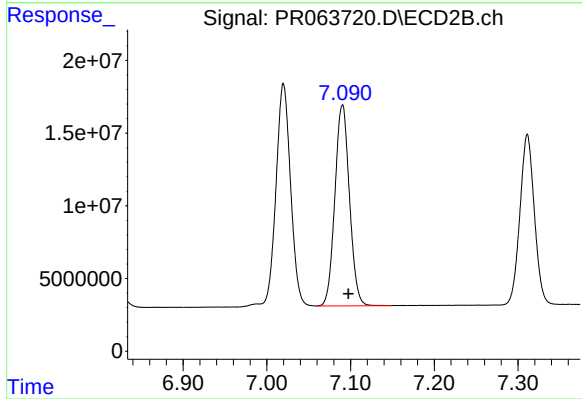
R.T.: 7.020 min
Delta R.T.: -0.008 min
Response: 183470250
Conc: 1031.13 ng/ml



#39 AR-1262-4

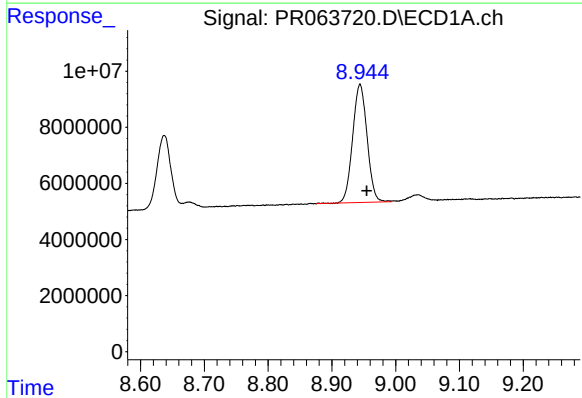
R.T.: 8.306 min
Delta R.T.: -0.006 min
Response: 186178745
Conc: 747.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



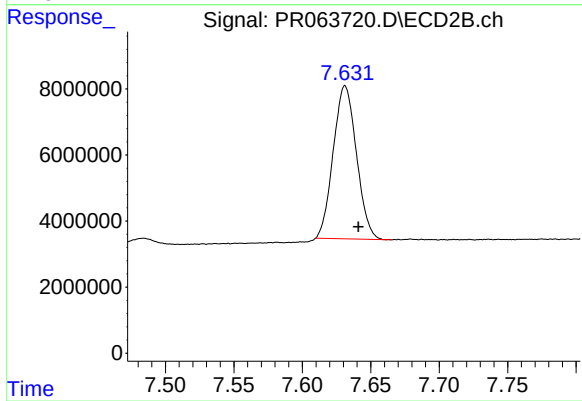
#39 AR-1262-4

R.T.: 7.090 min
Delta R.T.: -0.007 min
Response: 167141231
Conc: 496.88 ng/ml



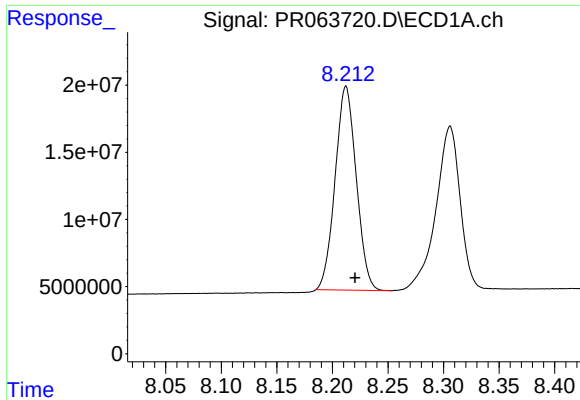
#40 AR-1262-5

R.T.: 8.944 min
Delta R.T.: -0.010 min
Response: 66236286
Conc: 371.05 ng/ml



#40 AR-1262-5

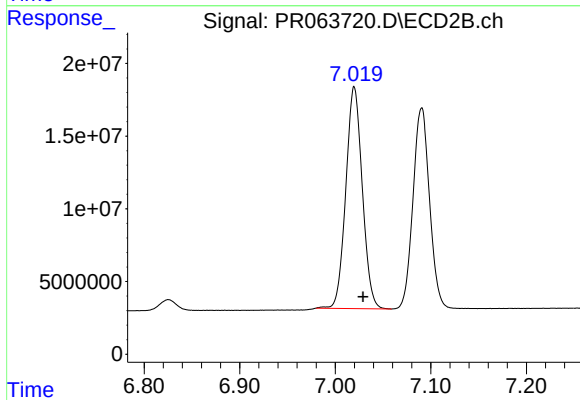
R.T.: 7.631 min
Delta R.T.: -0.010 min
Response: 54709059
Conc: 362.59 ng/ml



#41 AR-1268-1

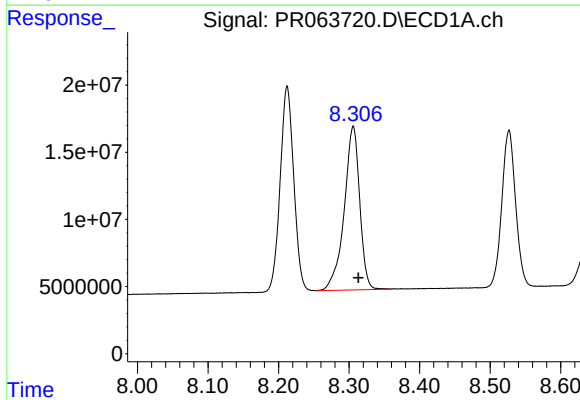
R.T.: 8.212 min
Delta R.T.: -0.008 min
Response: 200582213
Conc: 334.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



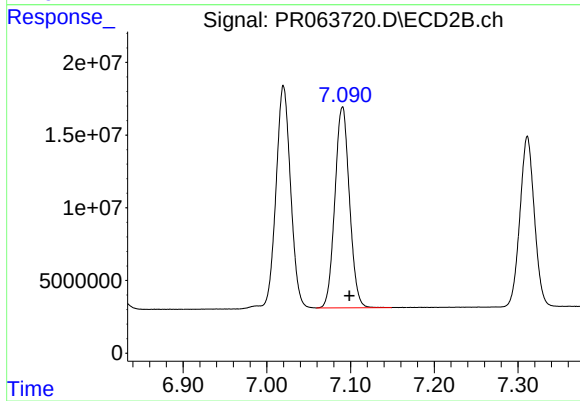
#41 AR-1268-1

R.T.: 7.020 min
Delta R.T.: -0.009 min
Response: 183470250
Conc: 339.91 ng/ml



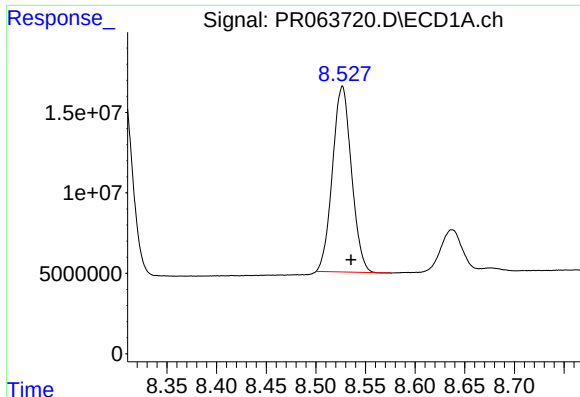
#42 AR-1268-2

R.T.: 8.306 min
Delta R.T.: -0.007 min
Response: 186178745
Conc: 342.62 ng/ml



#42 AR-1268-2

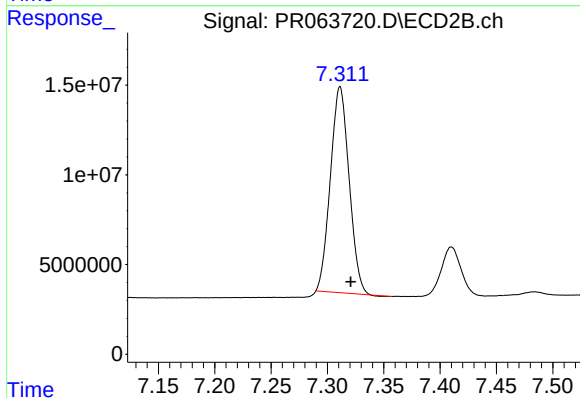
R.T.: 7.090 min
Delta R.T.: -0.008 min
Response: 167141231
Conc: 340.58 ng/ml



#43 AR-1268-3

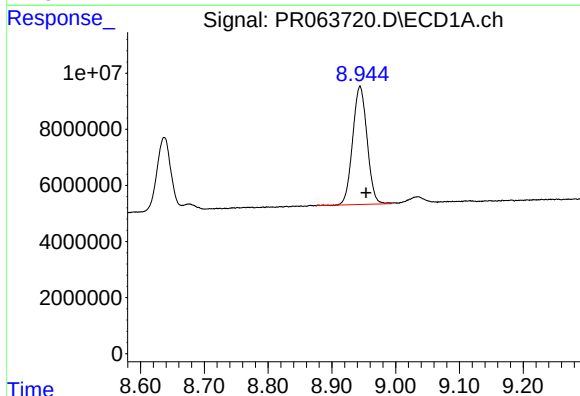
R.T.: 8.527 min
Delta R.T.: -0.009 min
Response: 153835546
Conc: 328.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



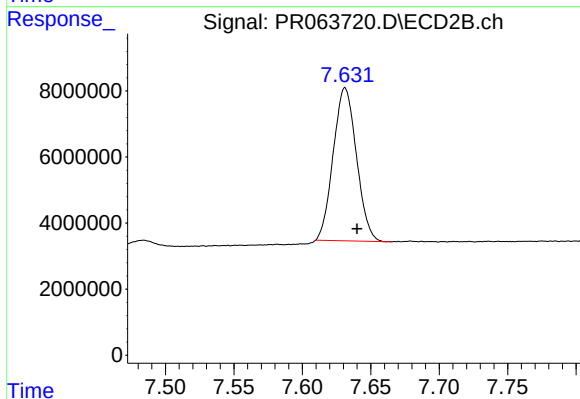
#43 AR-1268-3

R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 132615993
Conc: 319.02 ng/ml



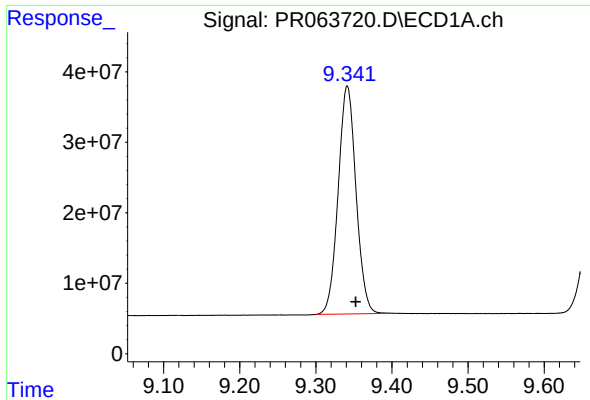
#44 AR-1268-4

R.T.: 8.944 min
Delta R.T.: -0.010 min
Response: 66236286
Conc: 330.99 ng/ml



#44 AR-1268-4

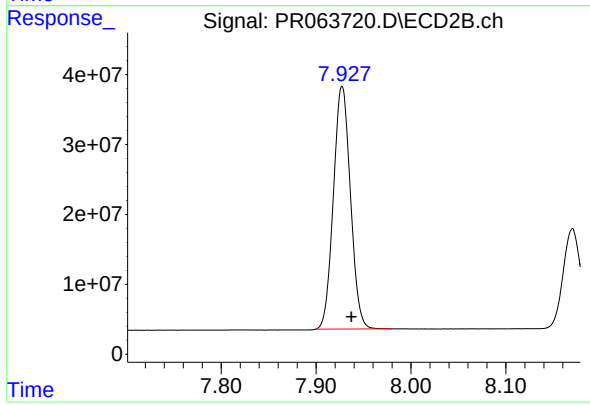
R.T.: 7.631 min
Delta R.T.: -0.009 min
Response: 54709059
Conc: 322.86 ng/ml



#45 AR-1268-5

R.T.: 9.341 min
Delta R.T.: -0.011 min
Response: 527099167
Conc: 343.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.927 min
Delta R.T.: -0.010 min
Response: 433803564
Conc: 323.16 ng/ml