

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102522\
 Data File : PR057663.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 14:38
 Operator : AJ\MA
 Sample : N4955-02
 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:39:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 24 18:17:24 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.692	2.924	50557151	43670342	24.069	21.704
2)	SA Decachlor...	9.631	8.181	53643184	58074124	24.262	24.597
Target Compounds							
3)	L1 AR-1016-1	4.920	4.058f	348878	404427	4.479	6.284 #
4)	L1 AR-1016-2	4.942	4.058	191844	404427	1.814	4.210 #
5)	L1 AR-1016-3	5.011	0.000	343180	0	5.069	N.D. #
6)	L1 AR-1016-4	5.118	4.318f	151933	155611	2.722	4.516 #
7)	L1 AR-1016-5	0.000	4.504	0	456762	N.D.	9.152 #
8)	L2 AR-1221-1	3.922	0.000	634153	0	22.249	N.D. #
9)	L2 AR-1221-2	4.005	3.227	879117	548533	42.322	30.640 #
10)	L2 AR-1221-3	4.087	0.000	366472	0	6.077	N.D. #
11)	L3 AR-1232-1	4.087	0.000	366472	0	7.941	N.D. #
12)	L3 AR-1232-2	0.000	4.058	0	404427	N.D.	9.262 #
13)	L3 AR-1232-3	4.942	0.000	191844	0	3.871	N.D. #
14)	L3 AR-1232-4	5.118	4.318	151933	155611	5.889	8.441 #
15)	L3 AR-1232-5	5.214	4.504	255201	456762	13.235	20.625 #
16)	L4 AR-1242-1	4.920	4.058f	348878	404427	5.681	8.083 #
17)	L4 AR-1242-2	4.942	4.058	191844	404427	2.323	5.412 #
18)	L4 AR-1242-3	5.011	0.000	343180	0	6.456	N.D. #
19)	L4 AR-1242-4	5.118	4.318	151933	155611	3.465	4.483 #
20)	L4 AR-1242-5	0.000	4.874	0	529005	N.D.	10.936 #
21)	L5 AR-1248-1	4.920	4.058f	348878	404427	7.581	10.630 #
22)	L5 AR-1248-2	5.214	4.318f	255201	155611	4.148	3.284
23)	L5 AR-1248-3	0.000	4.318	0	155611	N.D.	3.116 #
24)	L5 AR-1248-4	5.833f	4.504	1077305	456762	10.191	7.089 #
25)	L5 AR-1248-5	0.000	4.899f	0	1251052	N.D.	18.166 #
26)	L6 AR-1254-1	5.833	4.874	1077305	529005	9.877	5.469 #
27)	L6 AR-1254-2	6.072	5.032	1597614	837677	8.870	9.933
28)	L6 AR-1254-3	6.463	5.473f	1054076	2138296	5.241	14.509 #
29)	L6 AR-1254-4	6.779	5.696	497199	130238	3.207	1.377 #
30)	L6 AR-1254-5	7.230	6.144	6657501	3490203	39.402	24.799 #
31)	L7 AR-1260-1	6.645	5.594	6410452	3229938	39.900	32.816
32)	L7 AR-1260-2	6.928	5.798	7821617	4040321	40.254	33.914
33)	L7 AR-1260-3	7.319	5.959	10005249	4322780	77.262	36.728 #
34)	L7 AR-1260-4	7.563	6.464	9315075	5682321	61.760	60.921
35)	L7 AR-1260-5	7.901	6.728	15825537	11829386	56.477	50.564
36)	L8 AR-1262-1	7.319	6.190	10005249	6060545	52.001	46.362
37)	L8 AR-1262-2	7.901	6.464	15825537	5682321	48.783	45.453
38)	L8 AR-1262-3	8.210	7.035	10647846	5157079	50.852	50.587
39)	L8 AR-1262-4	8.297	7.102	8130087	9580823	97.341	46.397 #
40)	L8 AR-1262-5	8.926	7.639	5447124	4829340	53.172	49.359
41)	L9 AR-1268-1	8.210	7.035	10647846	5157079	29.753	16.483 #

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 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 20 Sample Multiplier: 1

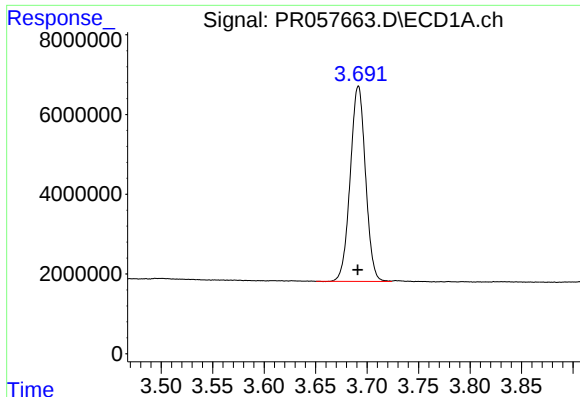
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:39:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.297	7.102	8130087	9580823	25.454	29.972
43) L9	AR-1268-3	8.520	7.326	513950	757127	1.956	2.780 #
44) L9	AR-1268-4	8.926	7.639	5447124	4829340	48.074	44.153
45) L9	AR-1268-5	9.317	7.935	2407623	2859913	3.029	2.878

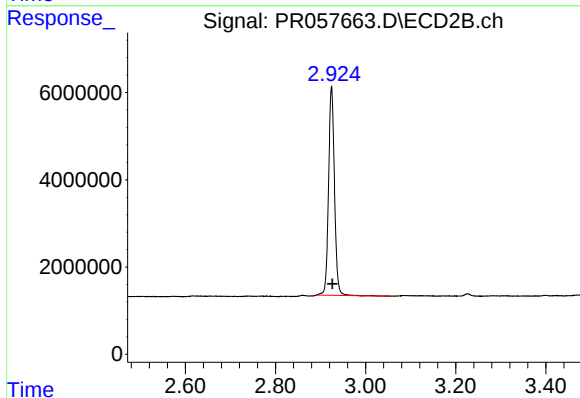
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

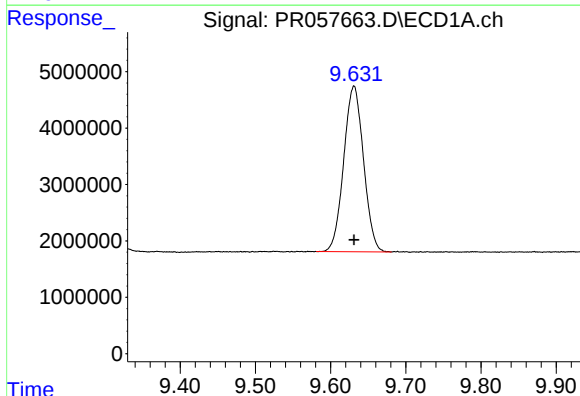
R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 50557151
Conc: 24.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



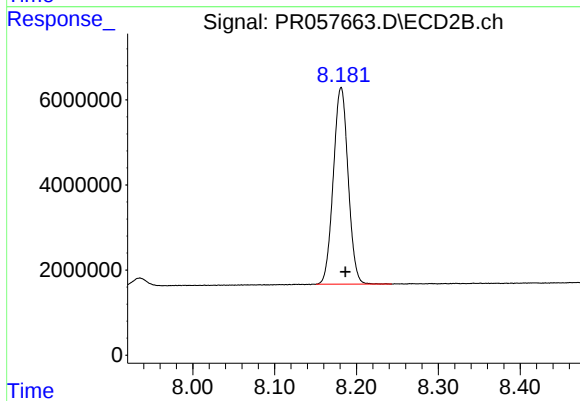
#1 Tetrachloro-m-xylene

R.T.: 2.924 min
Delta R.T.: -0.002 min
Response: 43670342
Conc: 21.70 ng/ml



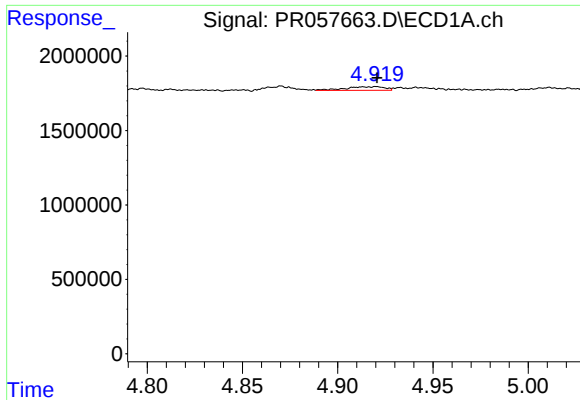
#2 Decachlorobiphenyl

R.T.: 9.631 min
Delta R.T.: 0.000 min
Response: 53643184
Conc: 24.26 ng/ml



#2 Decachlorobiphenyl

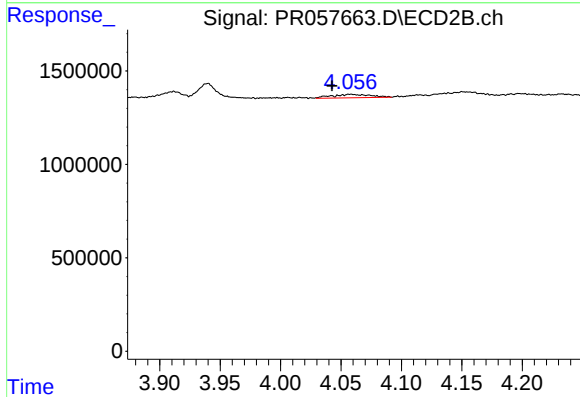
R.T.: 8.181 min
Delta R.T.: -0.005 min
Response: 58074124
Conc: 24.60 ng/ml



#3 AR-1016-1

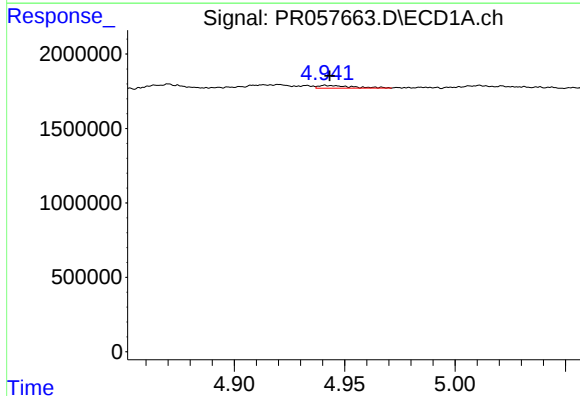
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 348878
Conc: 4.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



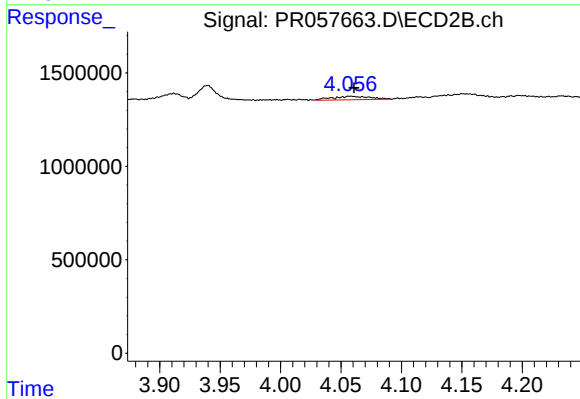
#3 AR-1016-1

R.T.: 4.058 min
Delta R.T.: 0.015 min
Response: 404427
Conc: 6.28 ng/ml



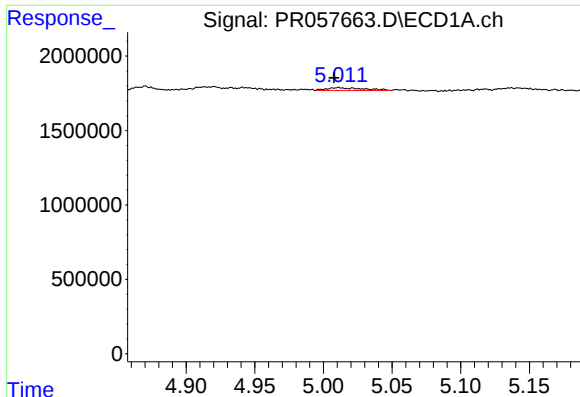
#4 AR-1016-2

R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 191844
Conc: 1.81 ng/ml



#4 AR-1016-2

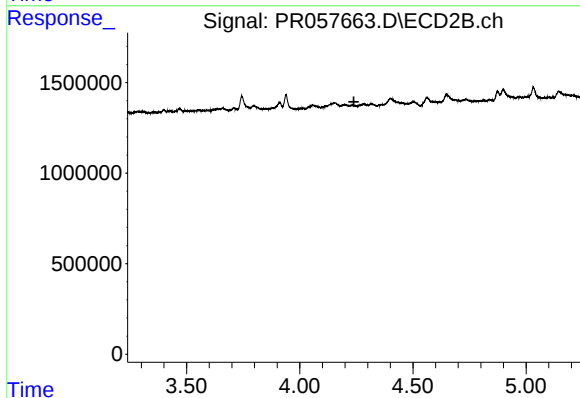
R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 404427
Conc: 4.21 ng/ml



#5 AR-1016-3

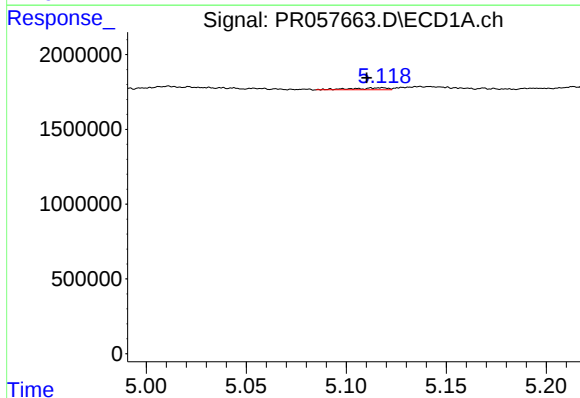
R.T.: 5.011 min
Delta R.T.: 0.003 min
Response: 343180
Conc: 5.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



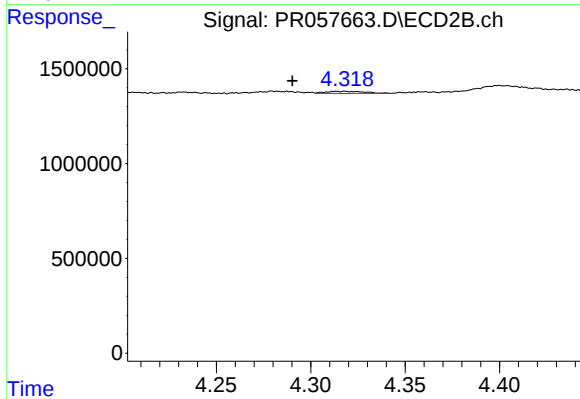
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.239 min
Response: 0
Conc: N.D.



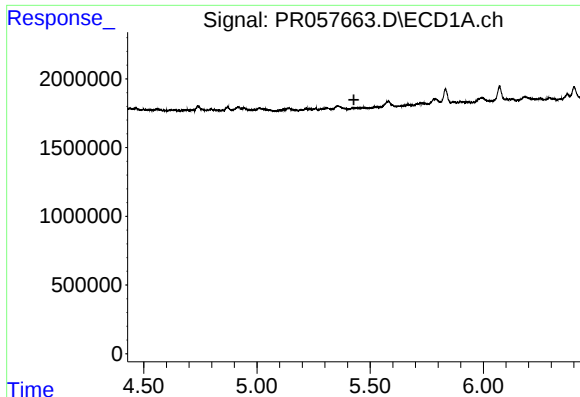
#6 AR-1016-4

R.T.: 5.118 min
Delta R.T.: 0.008 min
Response: 151933
Conc: 2.72 ng/ml



#6 AR-1016-4

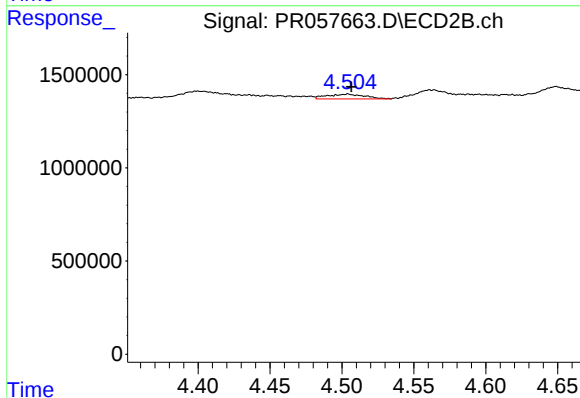
R.T.: 4.318 min
Delta R.T.: 0.028 min
Response: 155611
Conc: 4.52 ng/ml



#7 AR-1016-5

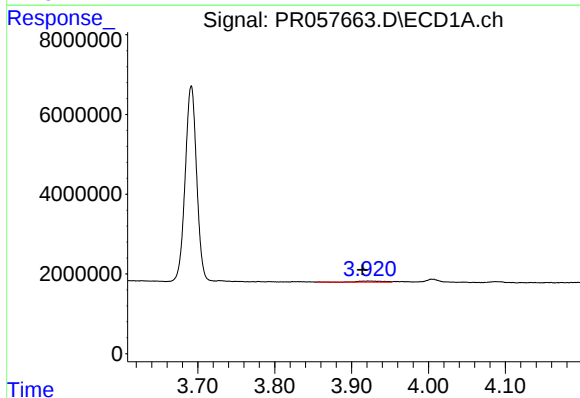
R.T.: 0.000 min
Exp R.T.: 5.428 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



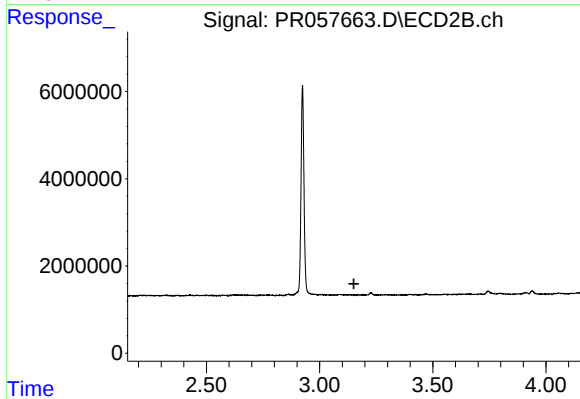
#7 AR-1016-5

R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 456762
Conc: 9.15 ng/ml



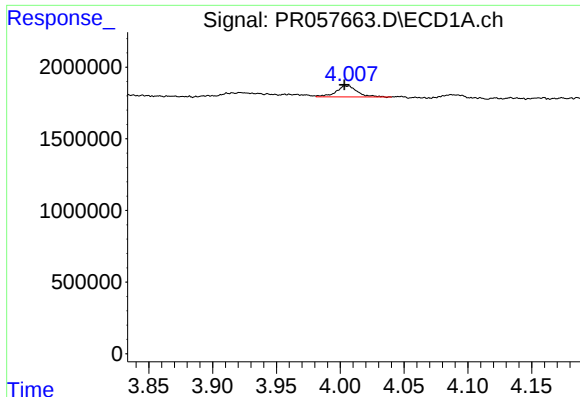
#8 AR-1221-1

R.T.: 3.922 min
Delta R.T.: 0.008 min
Response: 634153
Conc: 22.25 ng/ml



#8 AR-1221-1

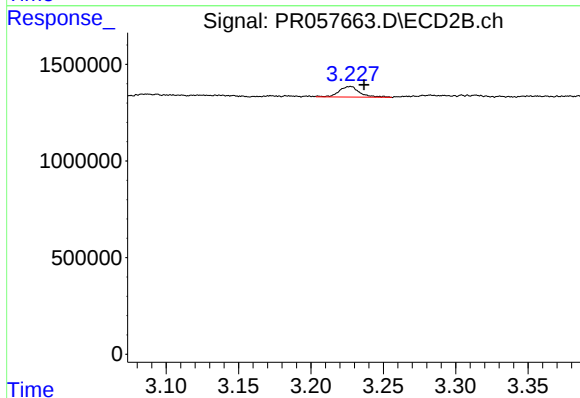
R.T.: 0.000 min
Exp R.T.: 3.151 min
Response: 0
Conc: N.D.



#9 AR-1221-2

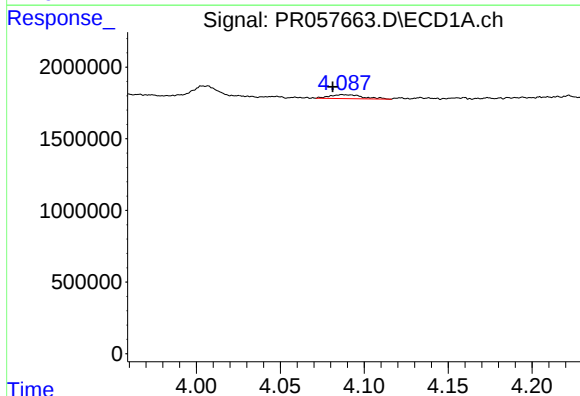
R.T.: 4.005 min
Delta R.T.: 0.002 min
Response: 879117
Conc: 42.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



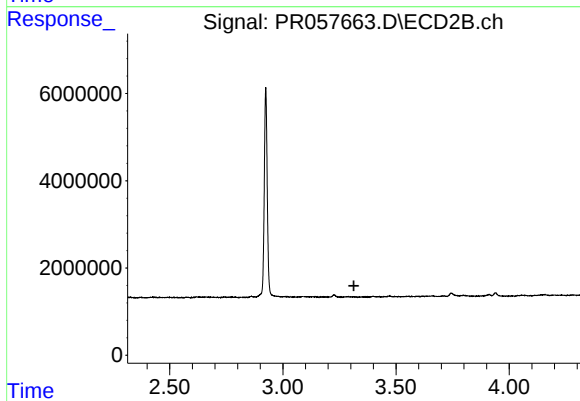
#9 AR-1221-2

R.T.: 3.227 min
Delta R.T.: -0.009 min
Response: 548533
Conc: 30.64 ng/ml



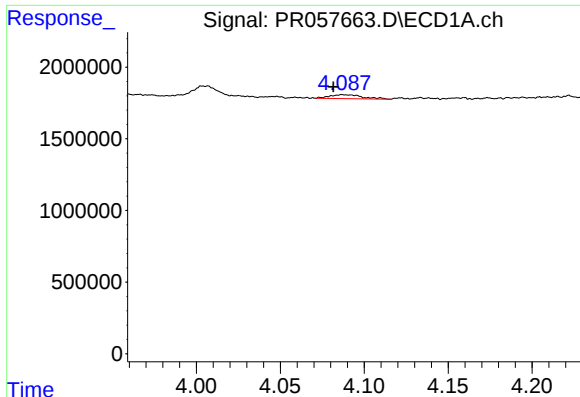
#10 AR-1221-3

R.T.: 4.087 min
Delta R.T.: 0.006 min
Response: 366472
Conc: 6.08 ng/ml



#10 AR-1221-3

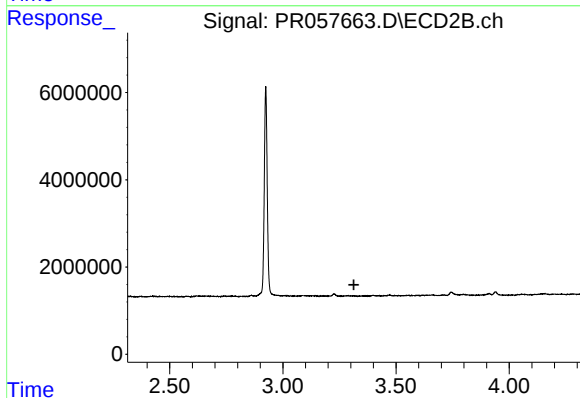
R.T.: 0.000 min
Exp R.T. : 3.314 min
Response: 0
Conc: N.D.



#11 AR-1232-1

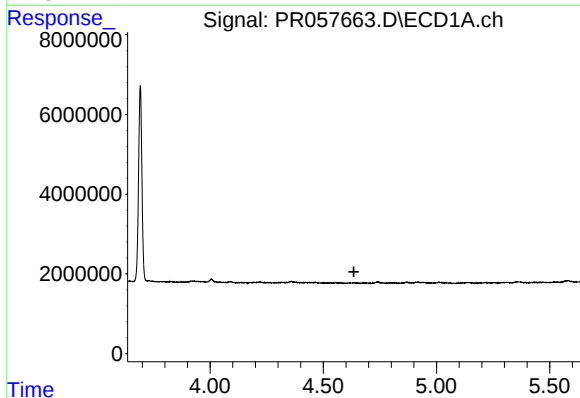
R.T.: 4.087 min
Delta R.T.: 0.006 min
Response: 366472
Conc: 7.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



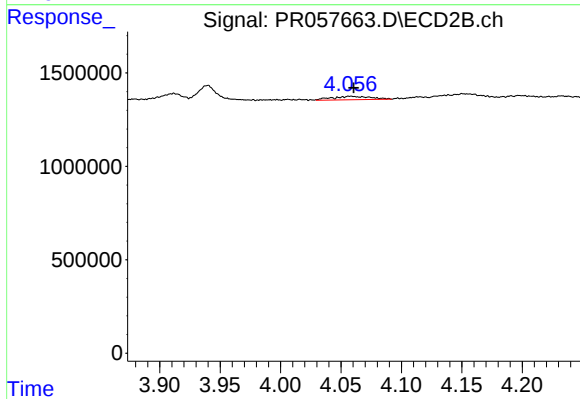
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.314 min
Response: 0
Conc: N.D.



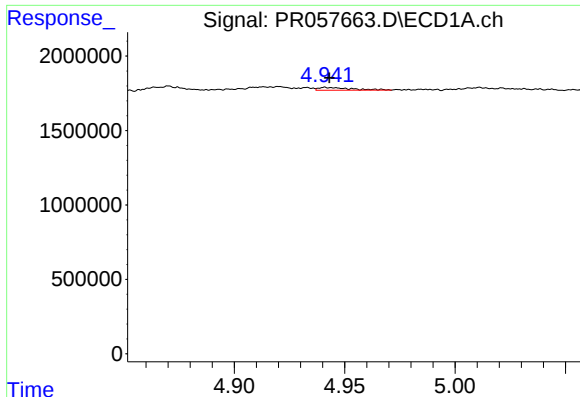
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.635 min
Response: 0
Conc: N.D.



#12 AR-1232-2

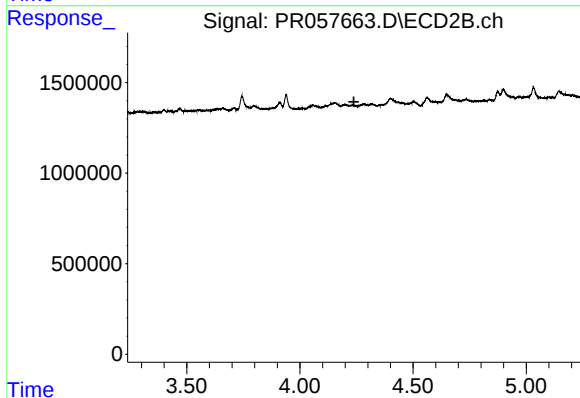
R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 404427
Conc: 9.26 ng/ml



#13 AR-1232-3

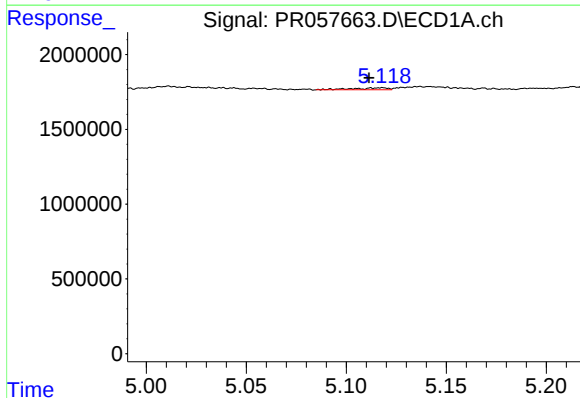
R.T.: 4.942 min
Delta R.T.: -0.001 min
Response: 191844
Conc: 3.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



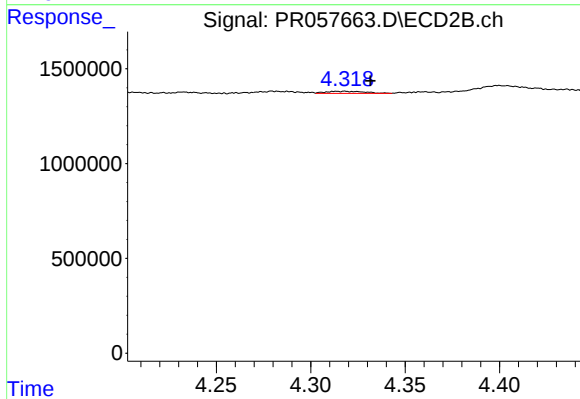
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.239 min
Response: 0
Conc: N.D.



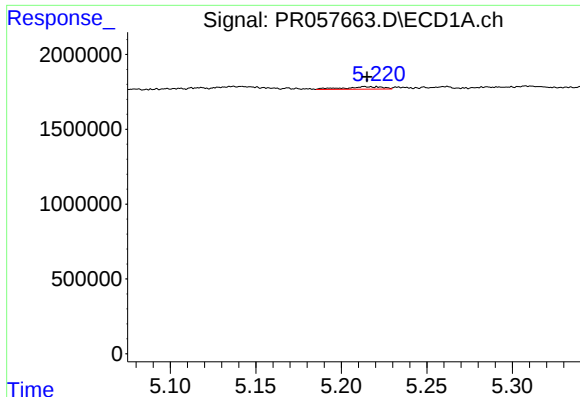
#14 AR-1232-4

R.T.: 5.118 min
Delta R.T.: 0.006 min
Response: 151933
Conc: 5.89 ng/ml



#14 AR-1232-4

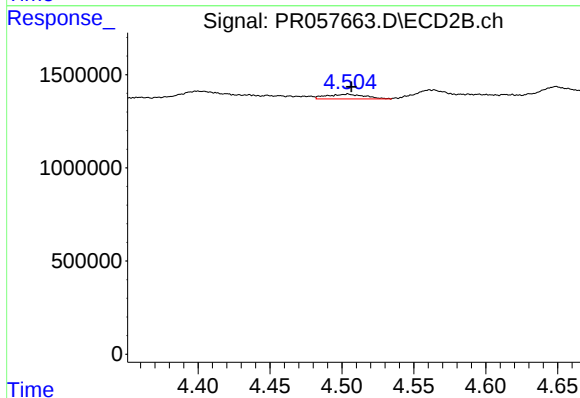
R.T.: 4.318 min
Delta R.T.: -0.014 min
Response: 155611
Conc: 8.44 ng/ml



#15 AR-1232-5

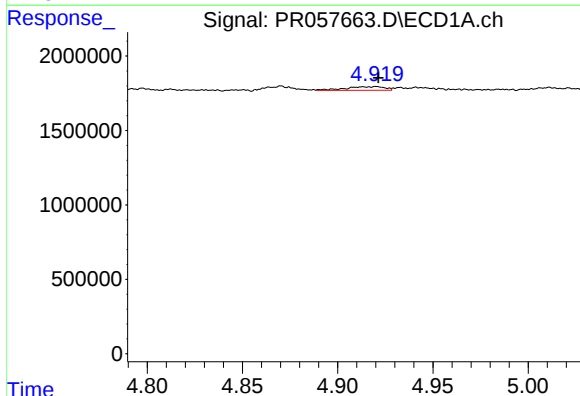
R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 255201
Conc: 13.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



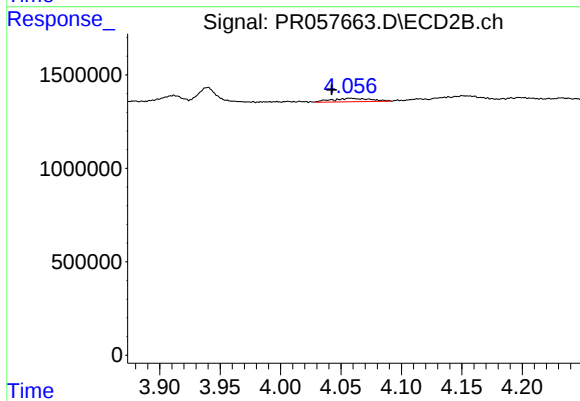
#15 AR-1232-5

R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 456762
Conc: 20.62 ng/ml



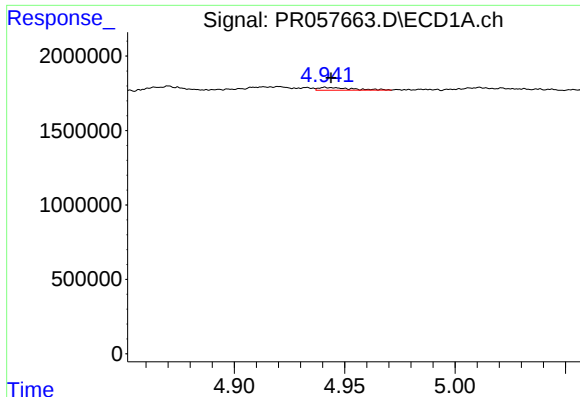
#16 AR-1242-1

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 348878
Conc: 5.68 ng/ml



#16 AR-1242-1

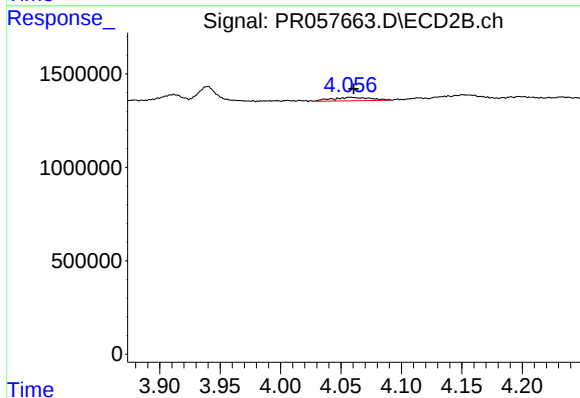
R.T.: 4.058 min
Delta R.T.: 0.016 min
Response: 404427
Conc: 8.08 ng/ml



#17 AR-1242-2

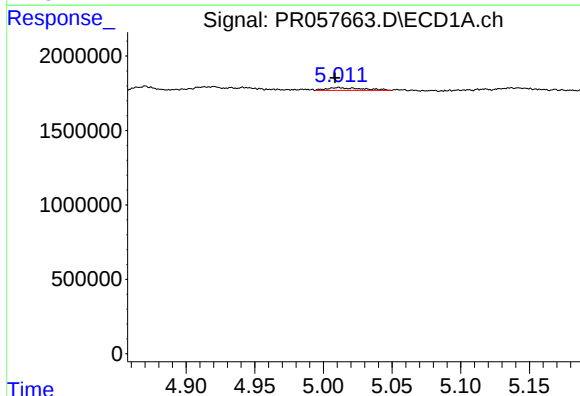
R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 191844
Conc: 2.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



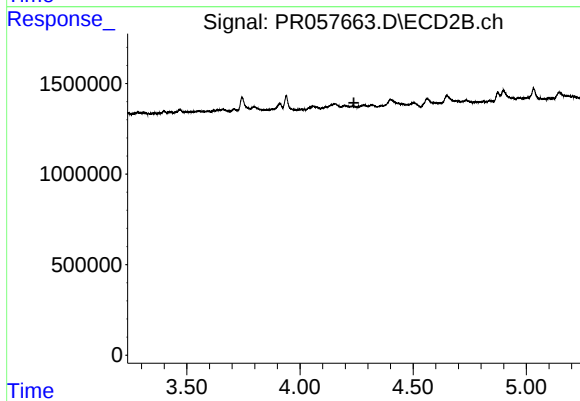
#17 AR-1242-2

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 404427
Conc: 5.41 ng/ml



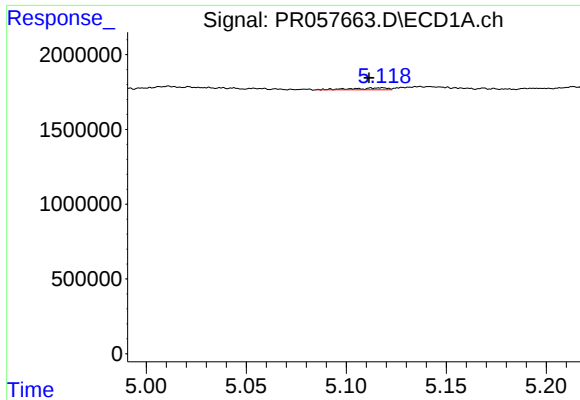
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.003 min
Response: 343180
Conc: 6.46 ng/ml



#18 AR-1242-3

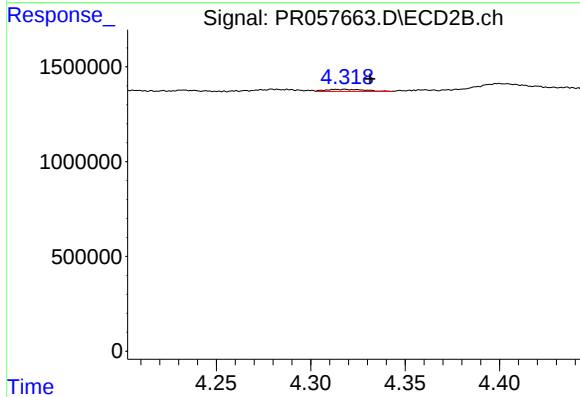
R.T.: 0.000 min
Exp R.T.: 4.238 min
Response: 0
Conc: N.D.



#19 AR-1242-4

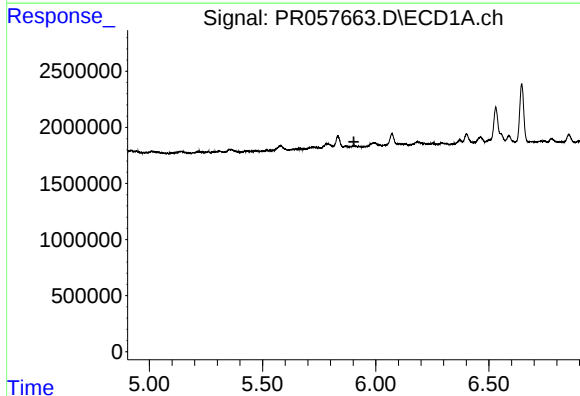
R.T.: 5.118 min
Delta R.T.: 0.007 min
Response: 151933
Conc: 3.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



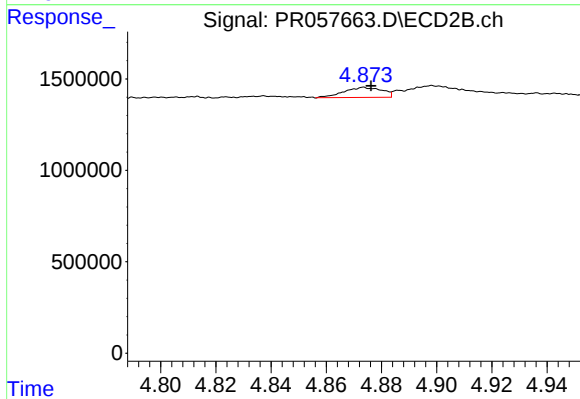
#19 AR-1242-4

R.T.: 4.318 min
Delta R.T.: -0.013 min
Response: 155611
Conc: 4.48 ng/ml



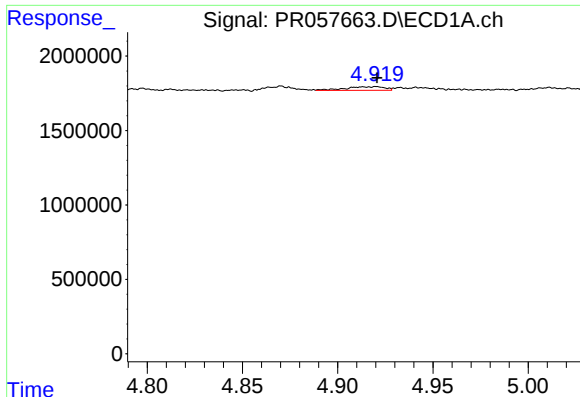
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.903 min
Response: 0
Conc: N.D.



#20 AR-1242-5

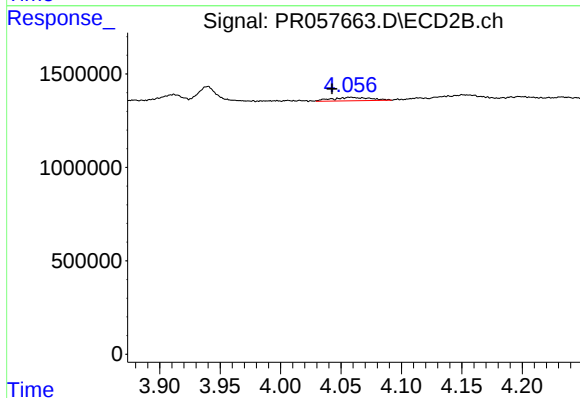
R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 529005
Conc: 10.94 ng/ml



#21 AR-1248-1

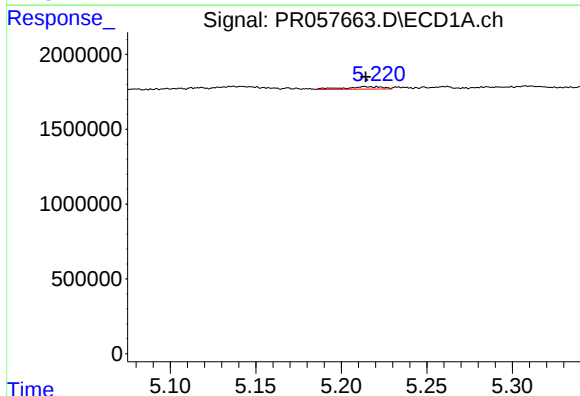
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 348878
Conc: 7.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



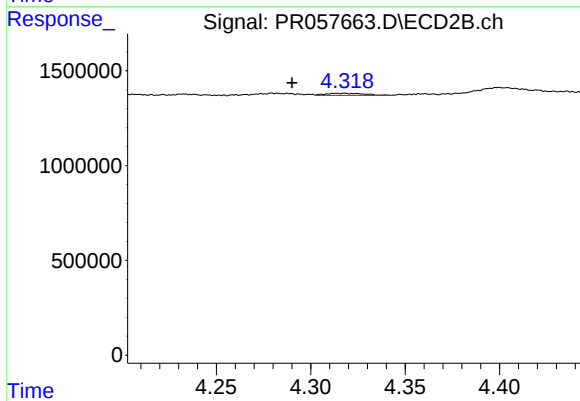
#21 AR-1248-1

R.T.: 4.058 min
Delta R.T.: 0.015 min
Response: 404427
Conc: 10.63 ng/ml



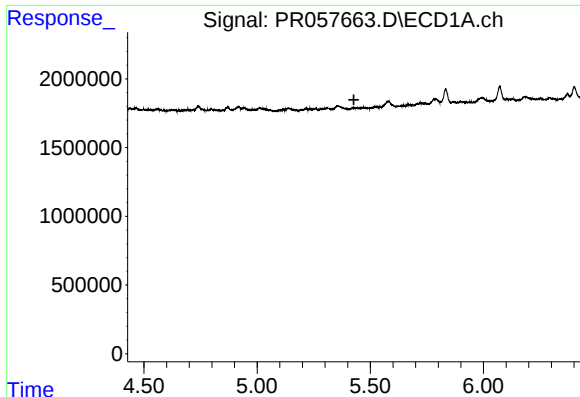
#22 AR-1248-2

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 255201
Conc: 4.15 ng/ml



#22 AR-1248-2

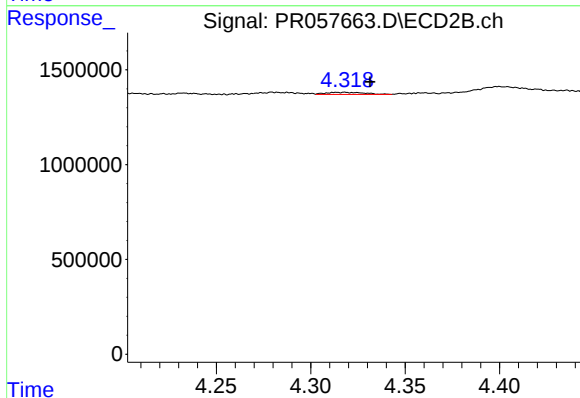
R.T.: 4.318 min
Delta R.T.: 0.028 min
Response: 155611
Conc: 3.28 ng/ml



#23 AR-1248-3

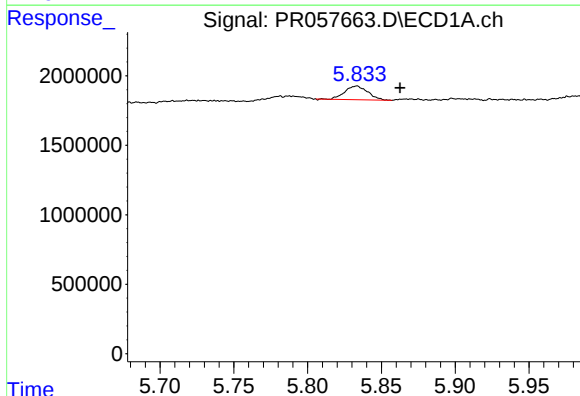
R.T.: 0.000 min
Exp R.T.: 5.427 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



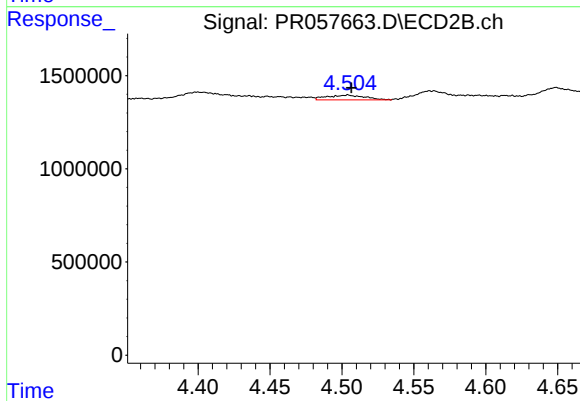
#23 AR-1248-3

R.T.: 4.318 min
Delta R.T.: -0.013 min
Response: 155611
Conc: 3.12 ng/ml



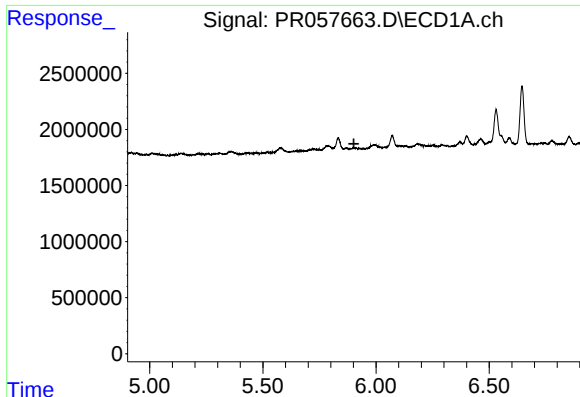
#24 AR-1248-4

R.T.: 5.833 min
Delta R.T.: -0.029 min
Response: 1077305
Conc: 10.19 ng/ml



#24 AR-1248-4

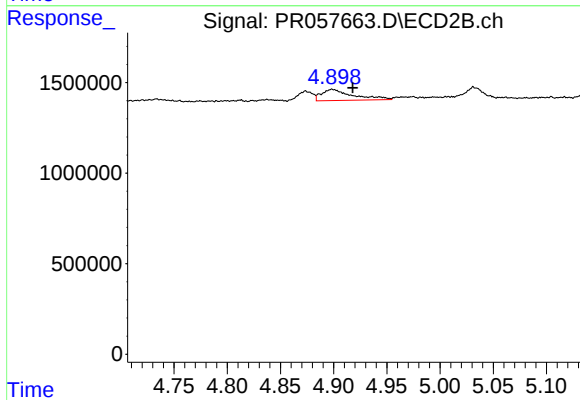
R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 456762
Conc: 7.09 ng/ml



#25 AR-1248-5

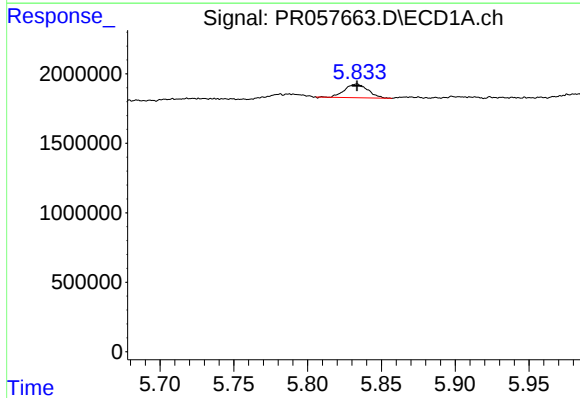
R.T.: 0.000 min
Exp R.T.: 5.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



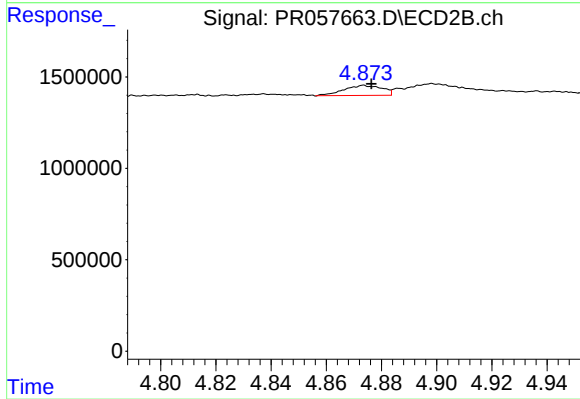
#25 AR-1248-5

R.T.: 4.899 min
Delta R.T.: -0.019 min
Response: 1251052
Conc: 18.17 ng/ml



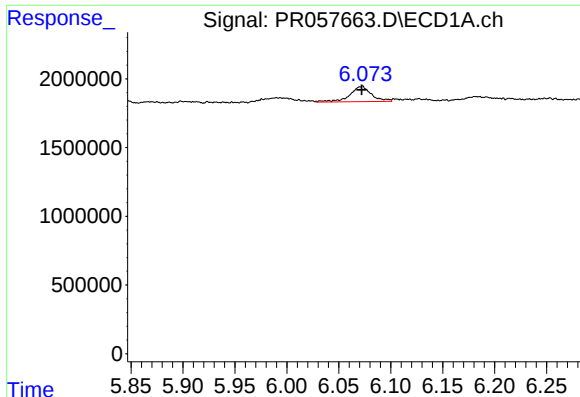
#26 AR-1254-1

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 1077305
Conc: 9.88 ng/ml



#26 AR-1254-1

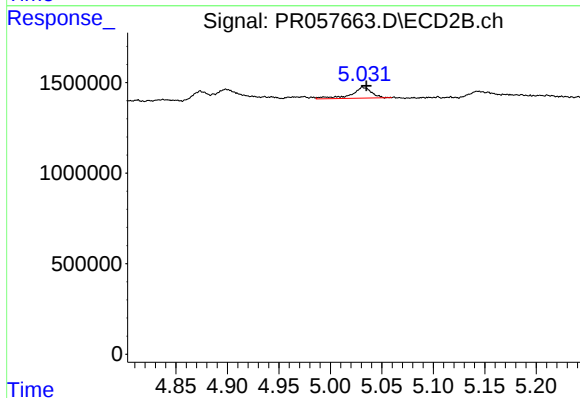
R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 529005
Conc: 5.47 ng/ml



#27 AR-1254-2

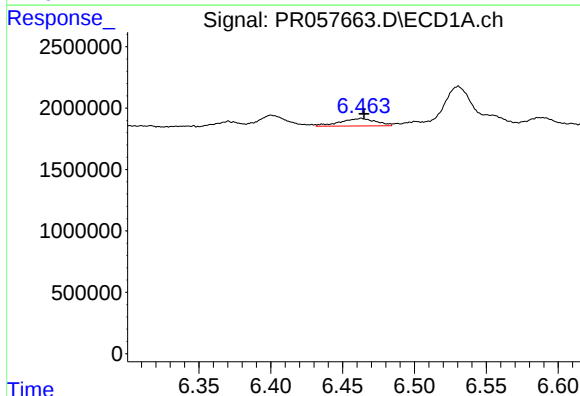
R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1597614
Conc: 8.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



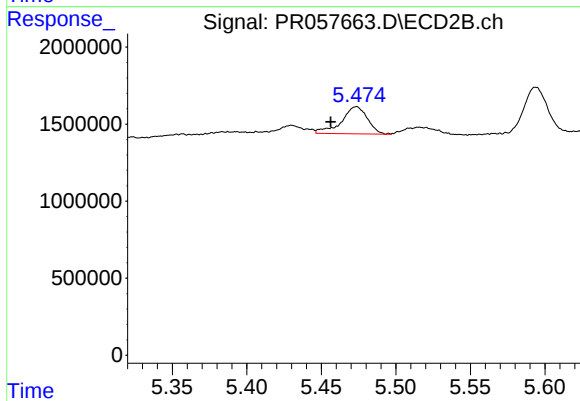
#27 AR-1254-2

R.T.: 5.032 min
Delta R.T.: -0.004 min
Response: 837677
Conc: 9.93 ng/ml



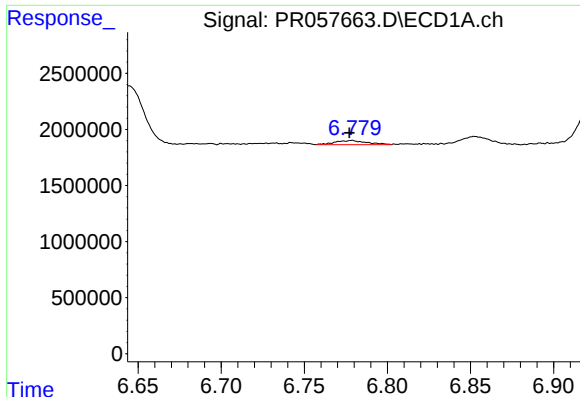
#28 AR-1254-3

R.T.: 6.463 min
Delta R.T.: -0.002 min
Response: 1054076
Conc: 5.24 ng/ml



#28 AR-1254-3

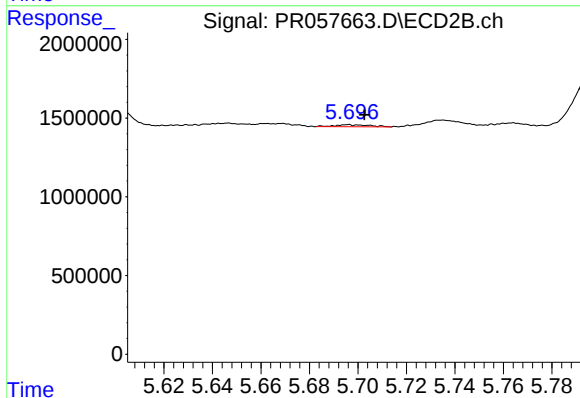
R.T.: 5.473 min
Delta R.T.: 0.017 min
Response: 2138296
Conc: 14.51 ng/ml



#29 AR-1254-4

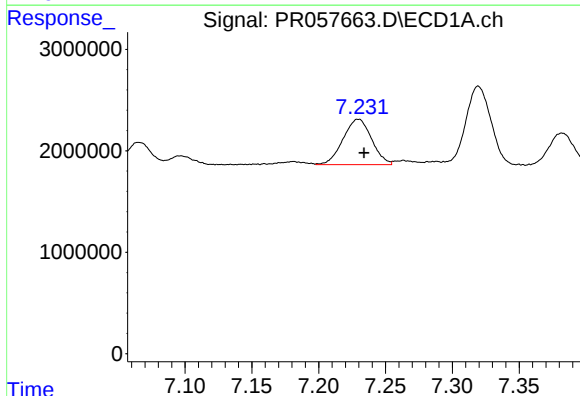
R.T.: 6.779 min
Delta R.T.: 0.002 min
Response: 497199
Conc: 3.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



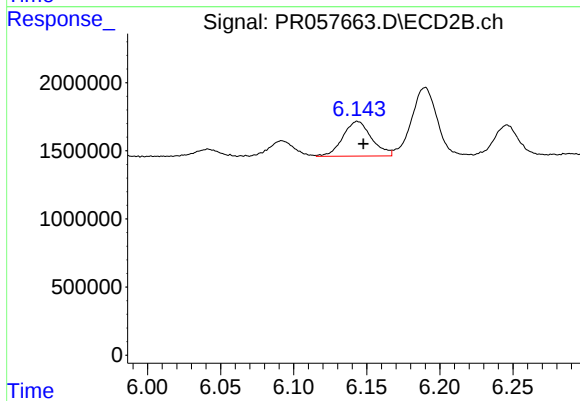
#29 AR-1254-4

R.T.: 5.696 min
Delta R.T.: -0.007 min
Response: 130238
Conc: 1.38 ng/ml



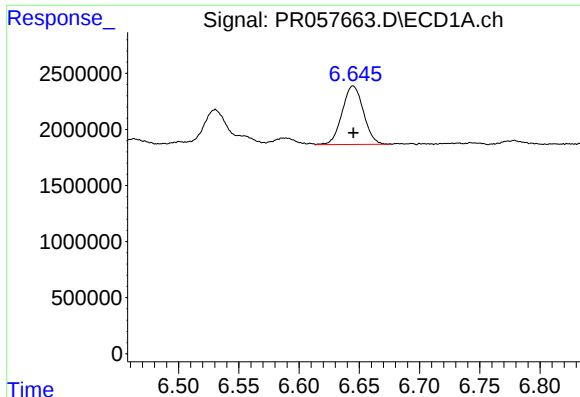
#30 AR-1254-5

R.T.: 7.230 min
Delta R.T.: -0.004 min
Response: 6657501
Conc: 39.40 ng/ml



#30 AR-1254-5

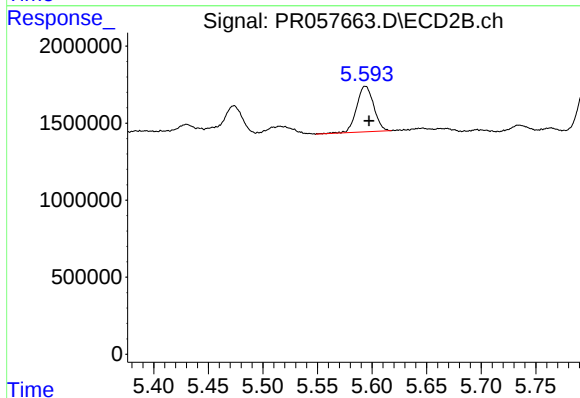
R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 3490203
Conc: 24.80 ng/ml



#31 AR-1260-1

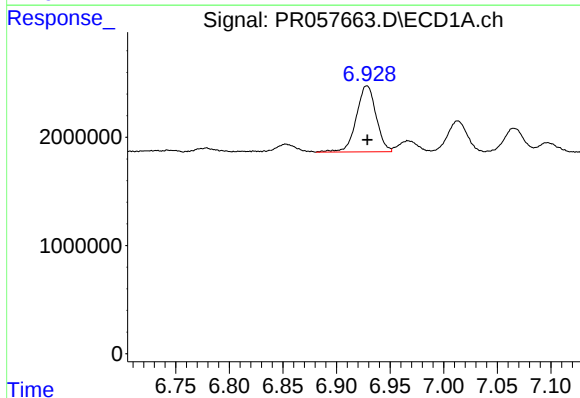
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 6410452
Conc: 39.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



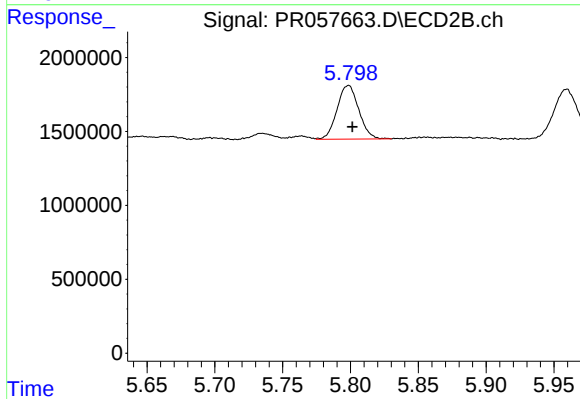
#31 AR-1260-1

R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 3229938
Conc: 32.82 ng/ml



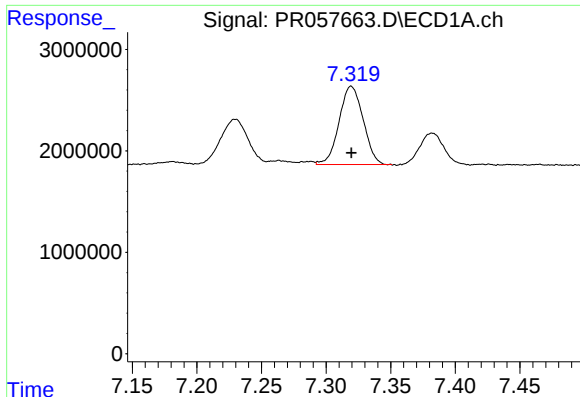
#32 AR-1260-2

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 7821617
Conc: 40.25 ng/ml



#32 AR-1260-2

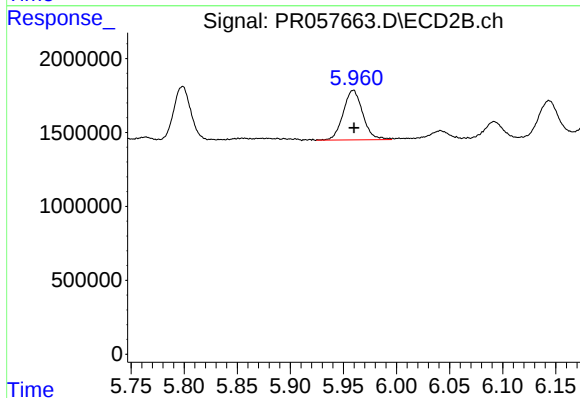
R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 4040321
Conc: 33.91 ng/ml



#33 AR-1260-3

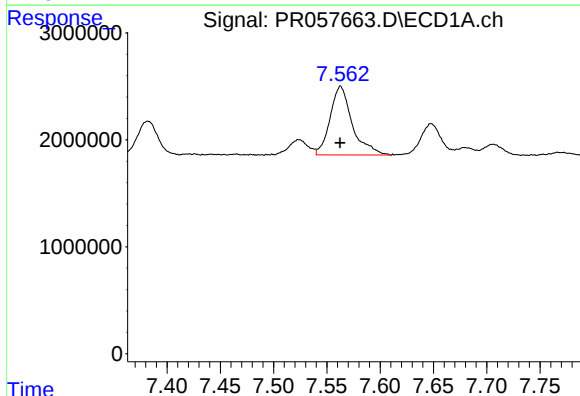
R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 10005249
Conc: 77.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



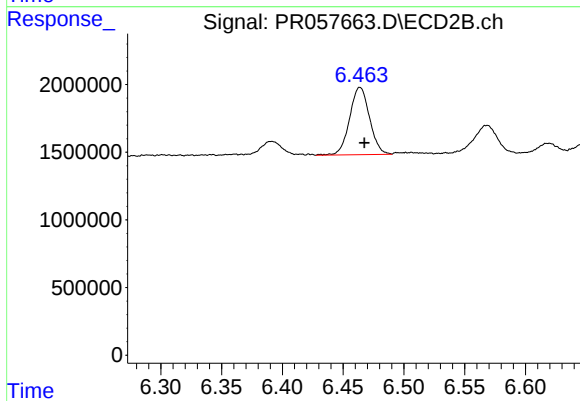
#33 AR-1260-3

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 4322780
Conc: 36.73 ng/ml



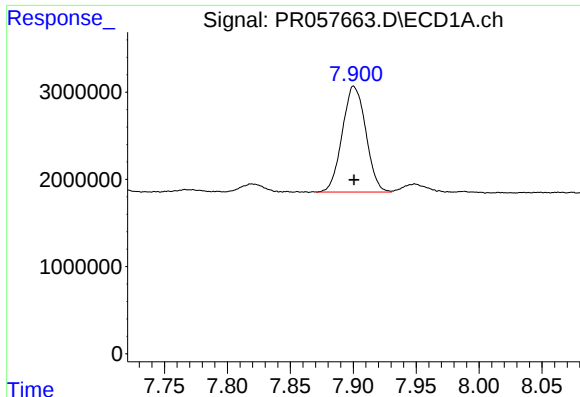
#34 AR-1260-4

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 9315075
Conc: 61.76 ng/ml



#34 AR-1260-4

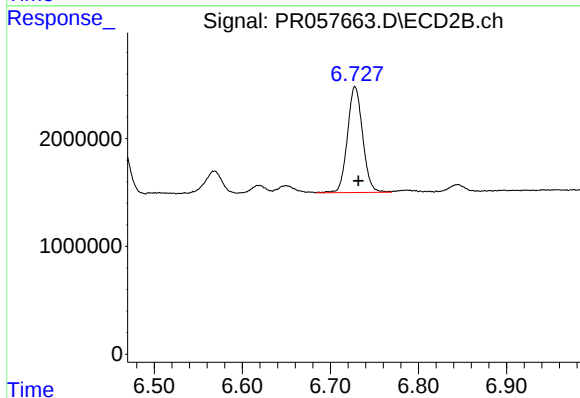
R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 5682321
Conc: 60.92 ng/ml



#35 AR-1260-5

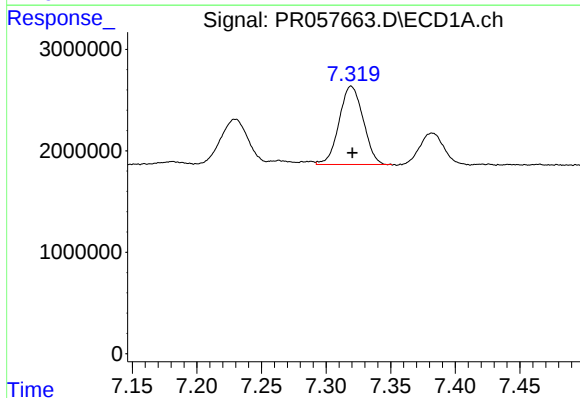
R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 15825537
Conc: 56.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



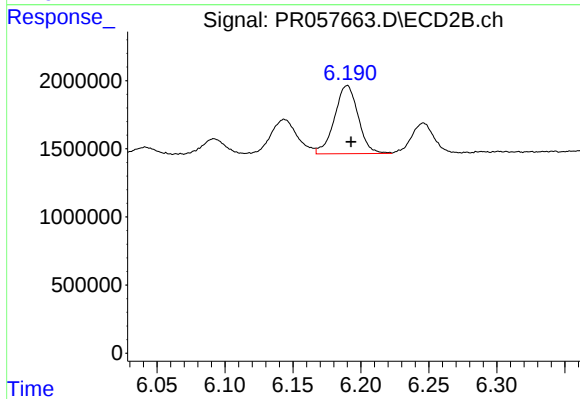
#35 AR-1260-5

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 11829386
Conc: 50.56 ng/ml



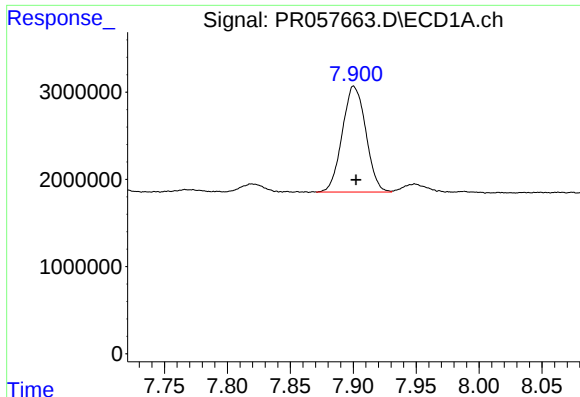
#36 AR-1262-1

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 10005249
Conc: 52.00 ng/ml



#36 AR-1262-1

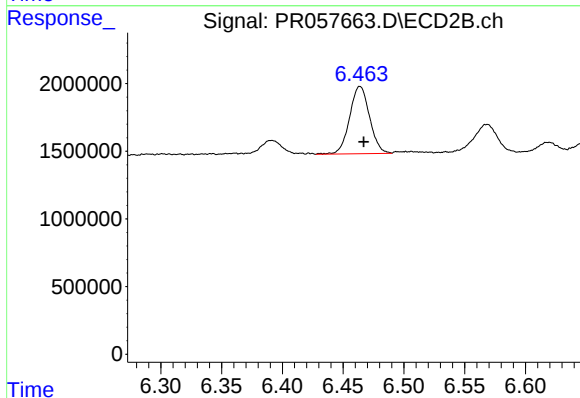
R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 6060545
Conc: 46.36 ng/ml



#37 AR-1262-2

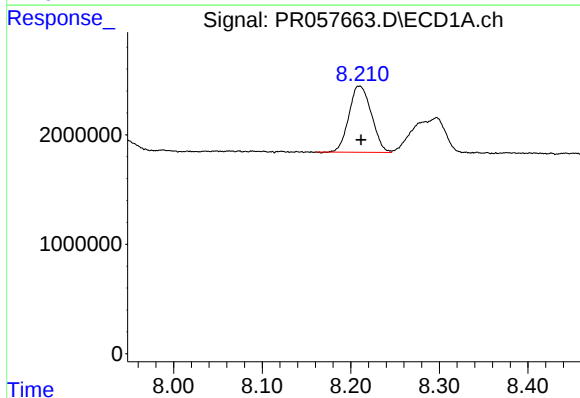
R.T.: 7.901 min
Delta R.T.: -0.002 min
Response: 15825537
Conc: 48.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



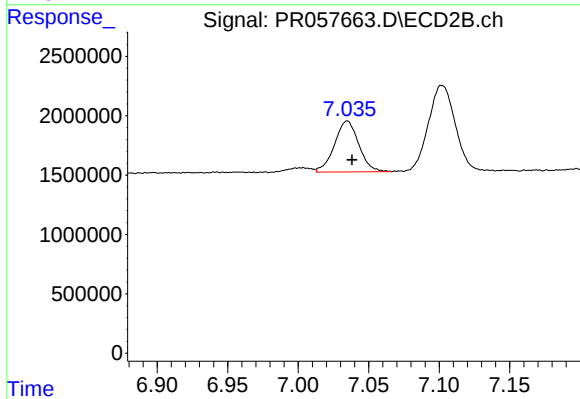
#37 AR-1262-2

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 5682321
Conc: 45.45 ng/ml



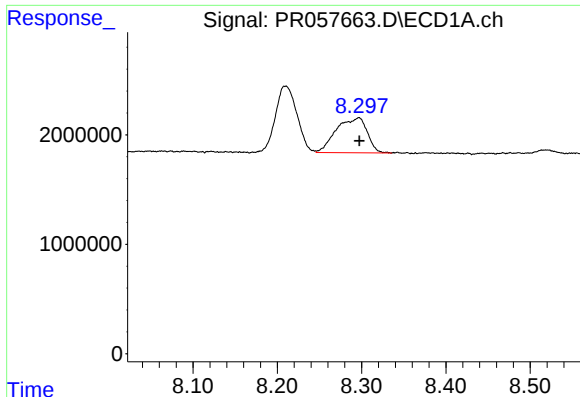
#38 AR-1262-3

R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 10647846
Conc: 50.85 ng/ml



#38 AR-1262-3

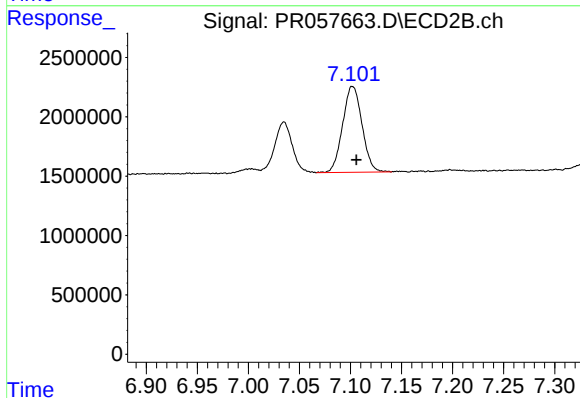
R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 5157079
Conc: 50.59 ng/ml



#39 AR-1262-4

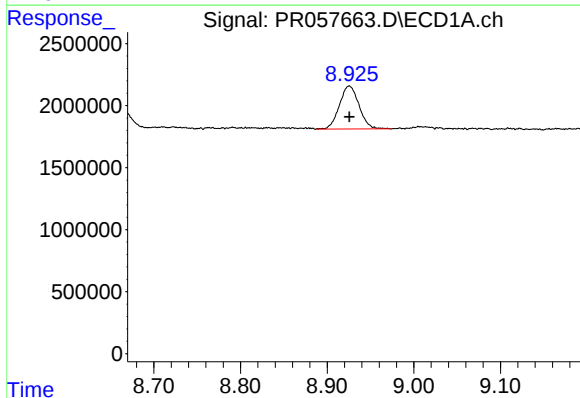
R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 8130087
Conc: 97.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



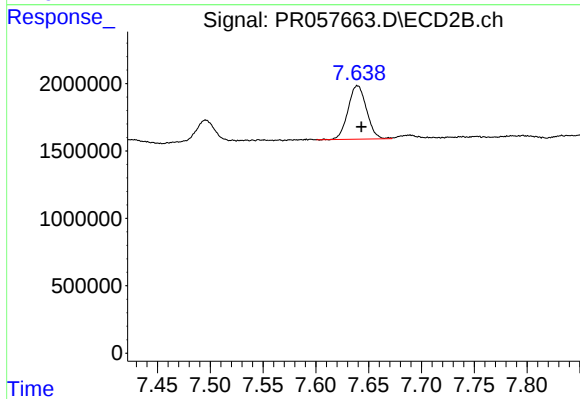
#39 AR-1262-4

R.T.: 7.102 min
Delta R.T.: -0.004 min
Response: 9580823
Conc: 46.40 ng/ml



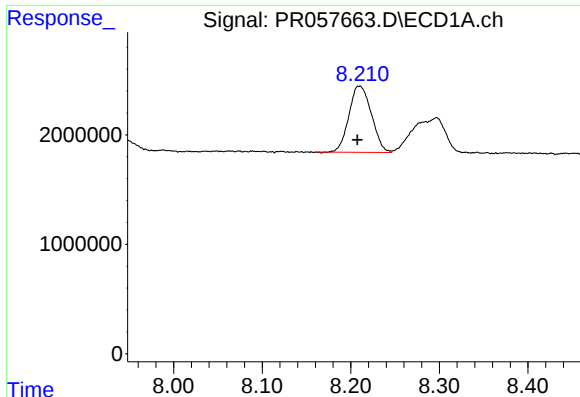
#40 AR-1262-5

R.T.: 8.926 min
Delta R.T.: 0.000 min
Response: 5447124
Conc: 53.17 ng/ml



#40 AR-1262-5

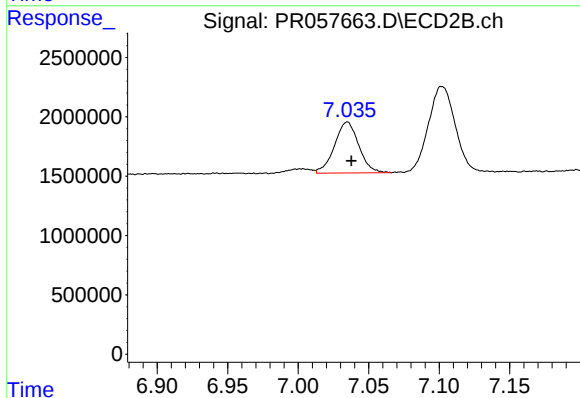
R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 4829340
Conc: 49.36 ng/ml



#41 AR-1268-1

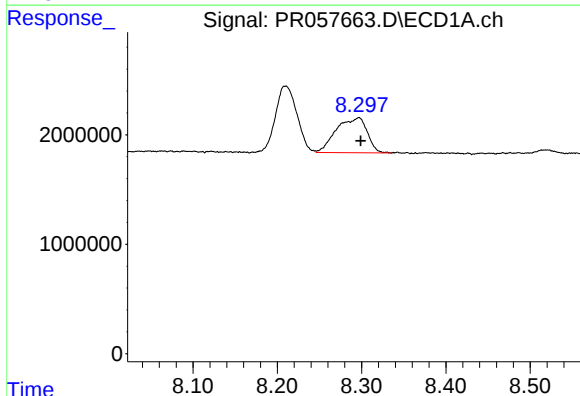
R.T.: 8.210 min
Delta R.T.: 0.003 min
Response: 10647846
Conc: 29.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



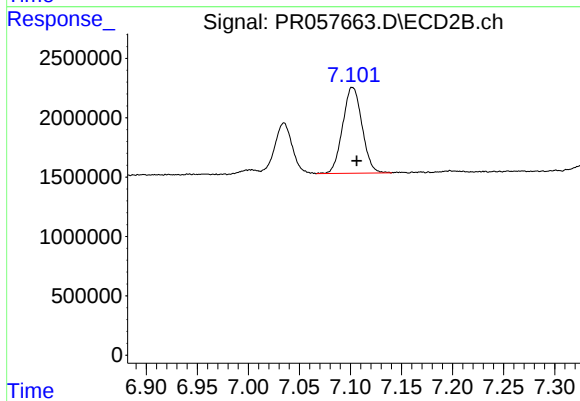
#41 AR-1268-1

R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 5157079
Conc: 16.48 ng/ml



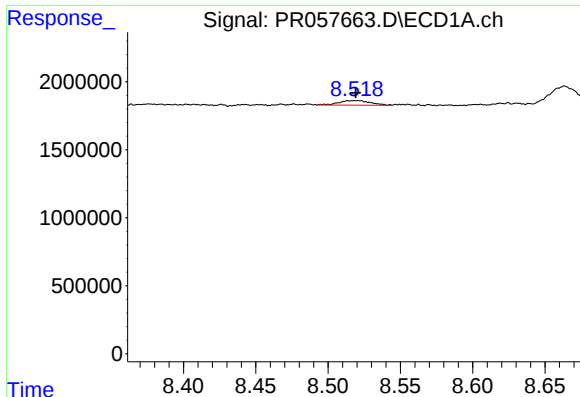
#42 AR-1268-2

R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 8130087
Conc: 25.45 ng/ml



#42 AR-1268-2

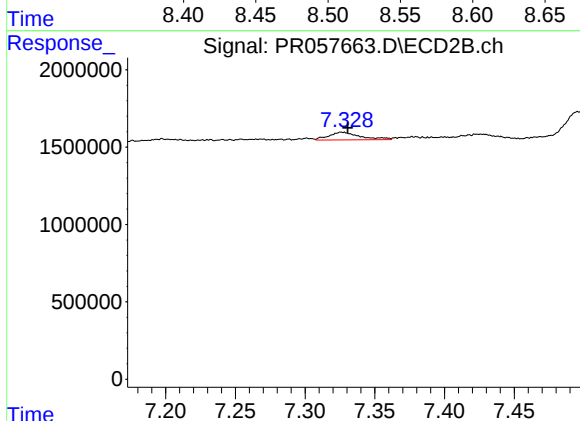
R.T.: 7.102 min
Delta R.T.: -0.004 min
Response: 9580823
Conc: 29.97 ng/ml



#43 AR-1268-3

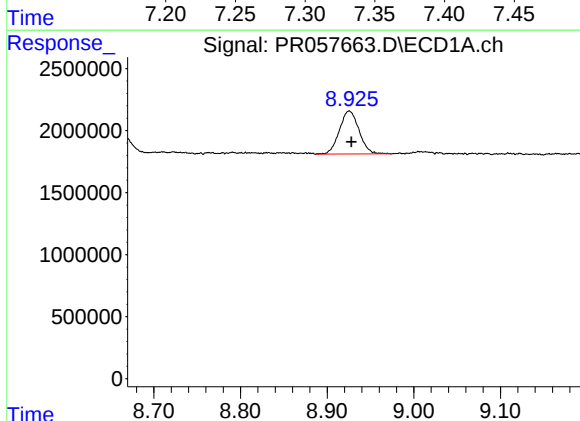
R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 513950
Conc: 1.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



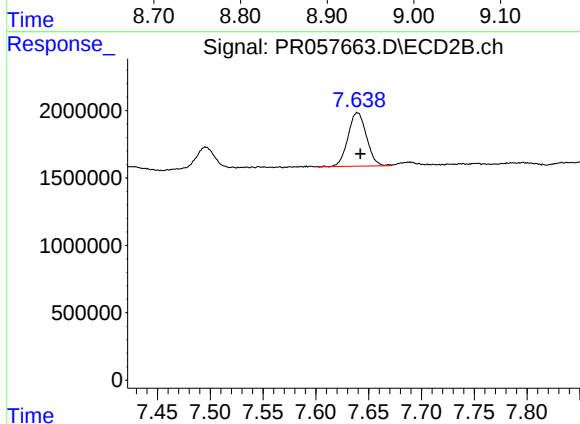
#43 AR-1268-3

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 757127
Conc: 2.78 ng/ml



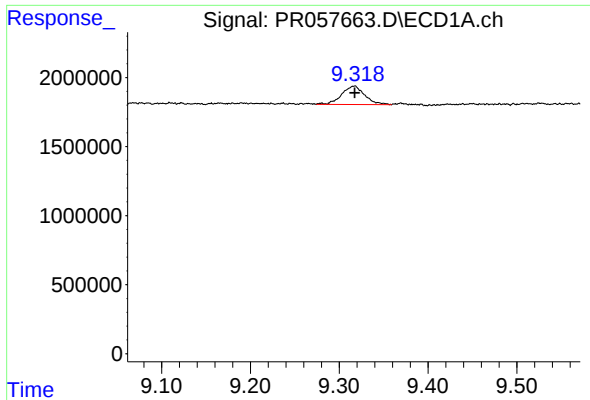
#44 AR-1268-4

R.T.: 8.926 min
Delta R.T.: -0.002 min
Response: 5447124
Conc: 48.07 ng/ml



#44 AR-1268-4

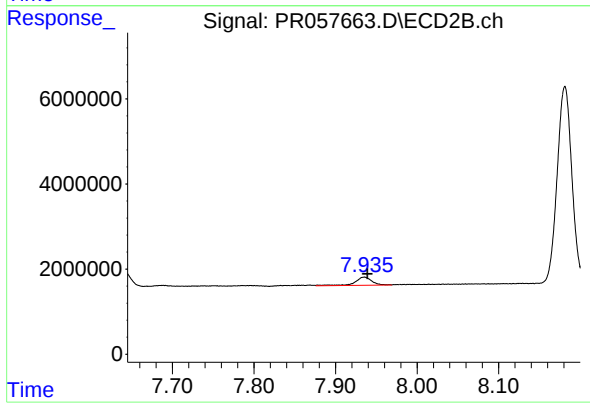
R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 4829340
Conc: 44.15 ng/ml



#45 AR-1268-5

R.T.: 9.317 min
Delta R.T.: 0.000 min
Response: 2407623
Conc: 3.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.935 min
Delta R.T.: -0.004 min
Response: 2859913
Conc: 2.88 ng/ml