

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
 Data File : PR052749.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 14:51
 Operator : AJ\MA
 Sample : M4068-07
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 21:57:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 29 22:45:34 2021
 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...	4.687	3.856	63263672	49027573	19.193	17.956
2)	SA Decachlor...	10.617	8.858	68203298	62229398	21.044	19.251
Target Compounds							
3)	L1 AR-1016-1	5.871	4.942	163476	315050	1.323	3.242 #
4)	L1 AR-1016-2	5.896	4.942	202791	315050	1.171	2.173 #
6)	L1 AR-1016-4	6.061	5.173	141445	785008	1.598	12.396 #
7)	L1 AR-1016-5	6.354	5.385	261924	222420	2.906	2.747
8)	L2 AR-1221-1	4.921f	0.000	1571899	0	38.487	N.D. #
9)	L2 AR-1221-2	5.003	4.155	931138	692185	27.645	26.919
10)	L2 AR-1221-3	5.075	0.000	301470	0	3.271	N.D. #
11)	L3 AR-1232-1	5.075	0.000	301470	0	3.855	N.D. #
12)	L3 AR-1232-2	5.594	4.942	157882	315050	3.779	4.922 #
13)	L3 AR-1232-3	5.896	0.000	202791	0	2.644	N.D. #
14)	L3 AR-1232-4	6.061	0.000	141445	0	3.575	N.D. #
15)	L3 AR-1232-5	6.166f	5.385	1154704	222420	36.393	6.749 #
16)	L4 AR-1242-1	5.871	4.942	163476	315050	1.706	4.361 #
17)	L4 AR-1242-2	5.896	4.942	202791	315050	1.571	2.886 #
19)	L4 AR-1242-4	6.061	0.000	141445	0	2.075	N.D. #
20)	L4 AR-1242-5	6.807	5.730	320703	1061740	4.306	15.021 #
21)	L5 AR-1248-1	5.871	4.942	163476	315050	2.294	5.501 #
22)	L5 AR-1248-2	6.166f	5.173	1154704	785008	11.371	9.885
23)	L5 AR-1248-3	6.354	0.000	261924	0	2.325	N.D. #
24)	L5 AR-1248-4	6.731f	5.385	1703413	222420	13.447	2.243 #
25)	L5 AR-1248-5	6.807	5.767	320703	165823	2.628	1.697 #
26)	L6 AR-1254-1	6.731	5.730	1703413	1061740	12.979	7.003 #
27)	L6 AR-1254-2	6.945	5.873	1159496	1002268	5.731	7.643 #
28)	L6 AR-1254-3	7.323	6.291	447398	2950851	2.110	13.368 #
29)	L6 AR-1254-4	7.604	6.502	429336	236757	2.719	1.738 #
30)	L6 AR-1254-5	8.025	6.914	5991565	3927385	33.996	18.899 #
31)	L7 AR-1260-1	7.481	6.404	5288622	4489363	34.054	31.544
32)	L7 AR-1260-2	7.735	6.590	6738489	5593715	36.113	32.220
33)	L7 AR-1260-3	8.096	6.745	8969348	5815735	61.206	34.469 #
34)	L7 AR-1260-4	8.340	7.211	8720895	7203067	51.167	47.425
35)	L7 AR-1260-5	8.675	7.450	14609524	14017301	43.995	38.266
36)	L8 AR-1262-1	8.096	6.914	8969348	3927385	44.230	36.252
37)	L8 AR-1262-2	8.675	7.450	14609524	14017301	39.960	36.041
38)	L8 AR-1262-3	9.004	7.733	6925554	6649731	42.303	41.696
39)	L8 AR-1262-4	9.094	7.797	7974430	11109322	69.791	36.813 #
40)	L8 AR-1262-5	9.815	8.295	5789936	5562864	41.391	38.496
41)	L9 AR-1268-1	9.004	7.733	6925554	6649731	15.488	14.061
42)	L9 AR-1268-2	9.094f	7.797	7974430	11109322	19.396	24.950 #
43)	L9 AR-1268-3	9.350	8.003	451772	775846	1.281	2.009 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 21:57:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
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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
44) L9	AR-1268-4	9.815	8.295	5789936	5562864	36.313	34.115
45) L9	AR-1268-5	10.256	8.595	2702654	2355528	2.327	1.889

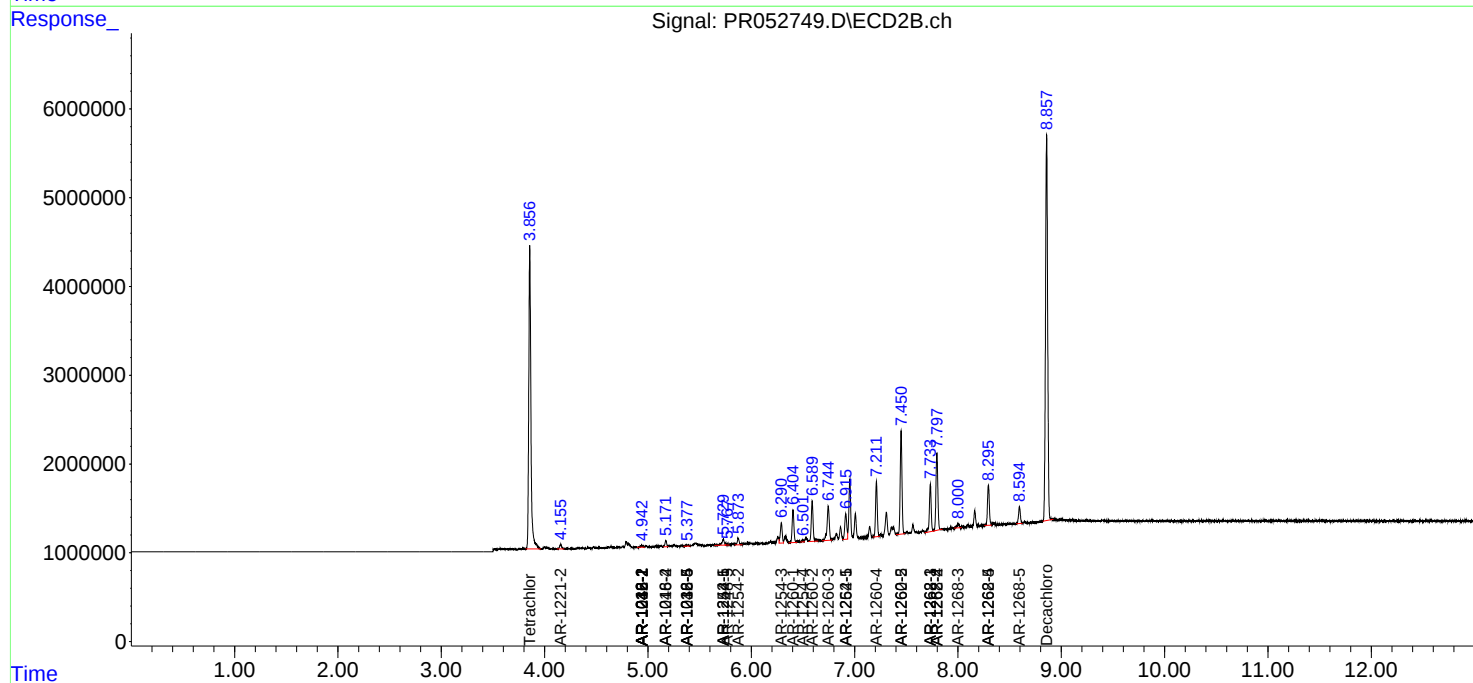
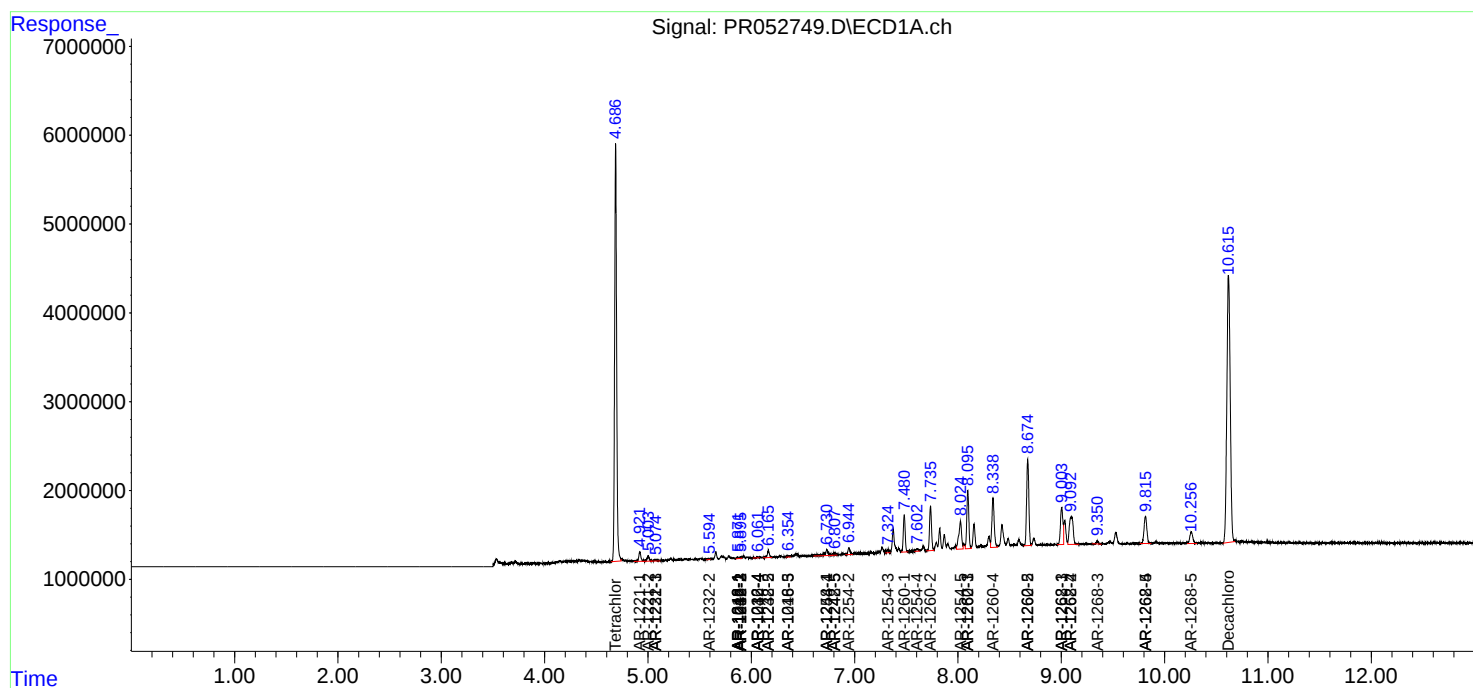
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

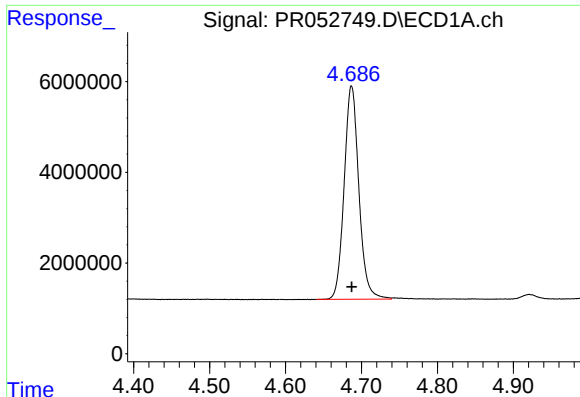
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
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QLast Update : Mon Nov 29 22:45:34 2021
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Integrator: ChemStation

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

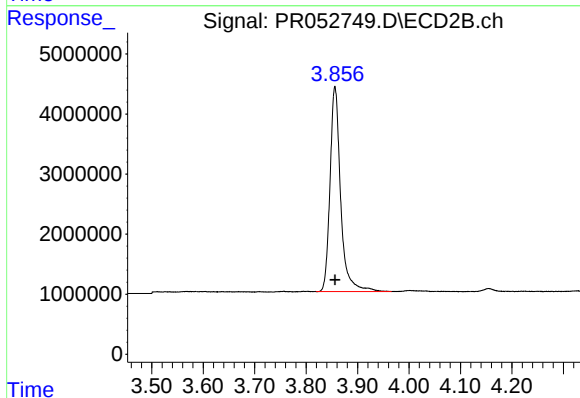




#1 Tetrachloro-m-xylene

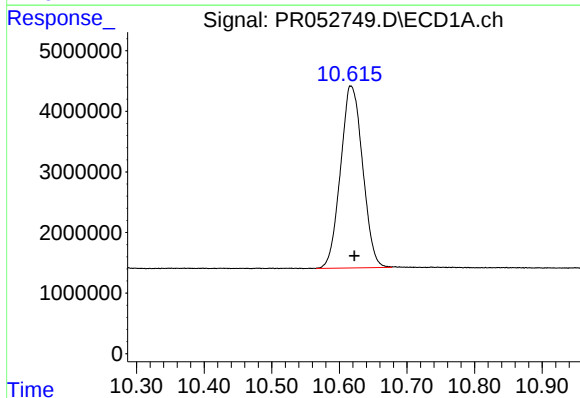
R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 63263672
Conc: 19.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



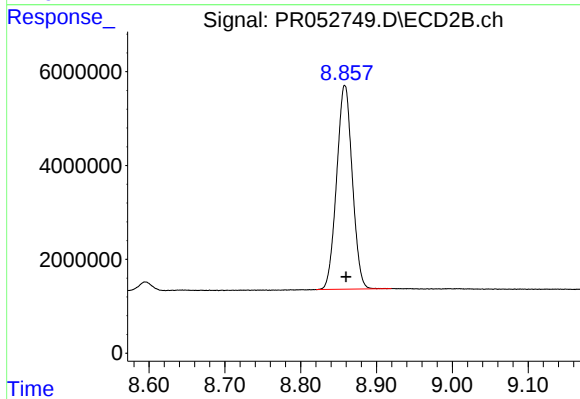
#1 Tetrachloro-m-xylene

R.T.: 3.856 min
Delta R.T.: 0.000 min
Response: 49027573
Conc: 17.96 ng/ml



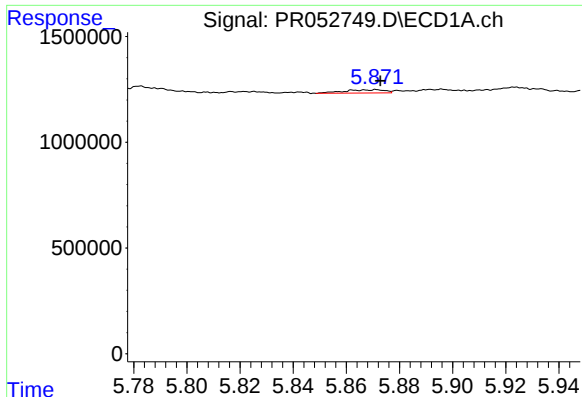
#2 Decachlorobiphenyl

R.T.: 10.617 min
Delta R.T.: -0.005 min
Response: 68203298
Conc: 21.04 ng/ml



#2 Decachlorobiphenyl

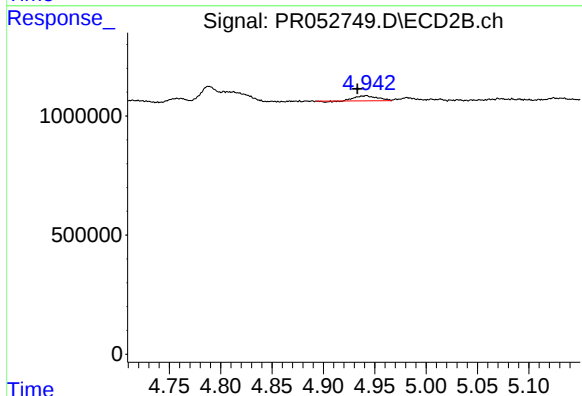
R.T.: 8.858 min
Delta R.T.: -0.002 min
Response: 62229398
Conc: 19.25 ng/ml



#3 AR-1016-1

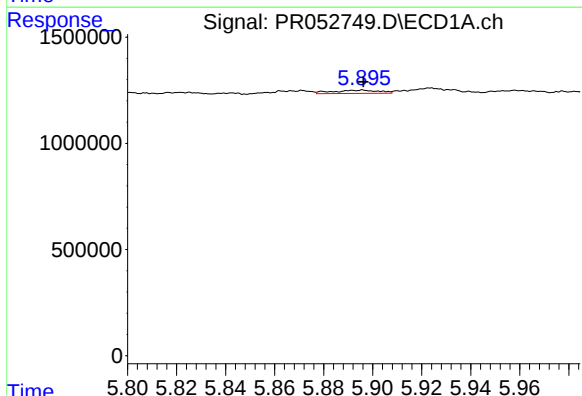
R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 163476
Conc: 1.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



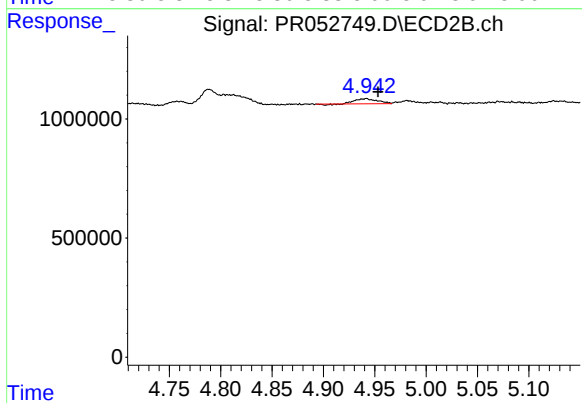
#3 AR-1016-1

R.T.: 4.942 min
Delta R.T.: 0.009 min
Response: 315050
Conc: 3.24 ng/ml



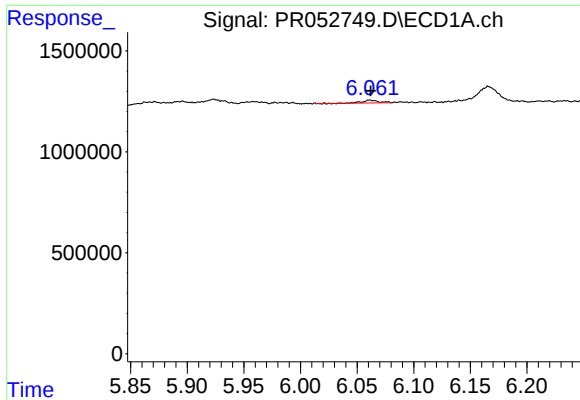
#4 AR-1016-2

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 202791
Conc: 1.17 ng/ml



#4 AR-1016-2

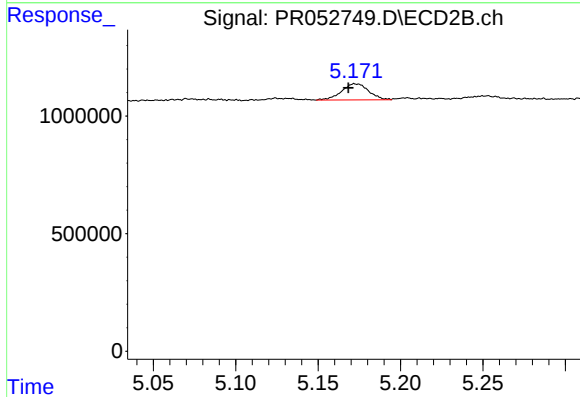
R.T.: 4.942 min
Delta R.T.: -0.011 min
Response: 315050
Conc: 2.17 ng/ml



#6 AR-1016-4

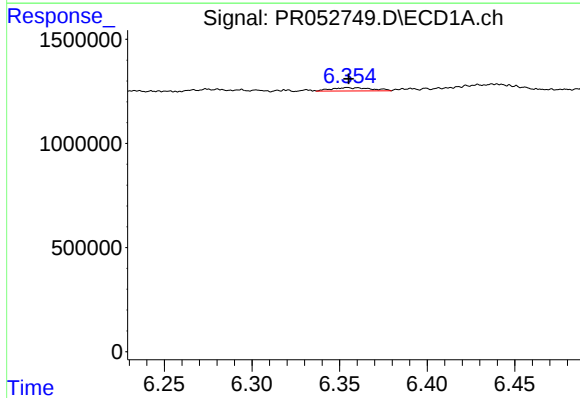
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 141445
Conc: 1.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



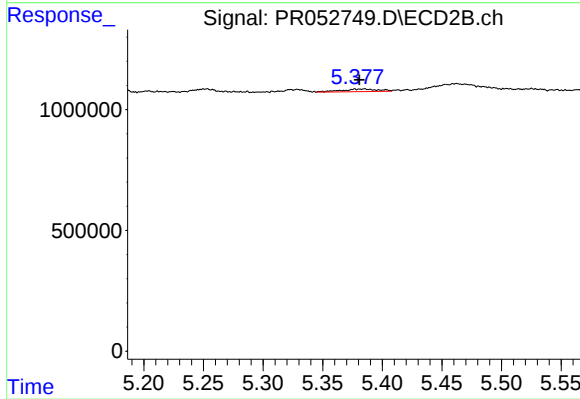
#6 AR-1016-4

R.T.: 5.173 min
Delta R.T.: 0.004 min
Response: 785008
Conc: 12.40 ng/ml



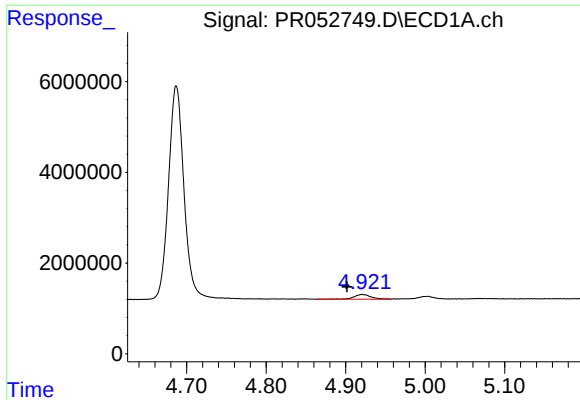
#7 AR-1016-5

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 261924
Conc: 2.91 ng/ml



#7 AR-1016-5

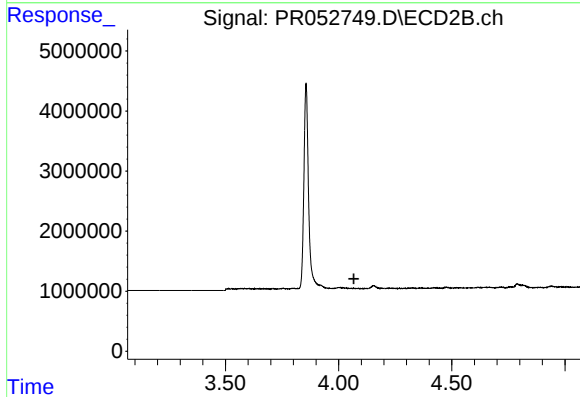
R.T.: 5.385 min
Delta R.T.: 0.004 min
Response: 222420
Conc: 2.75 ng/ml



#8 AR-1221-1

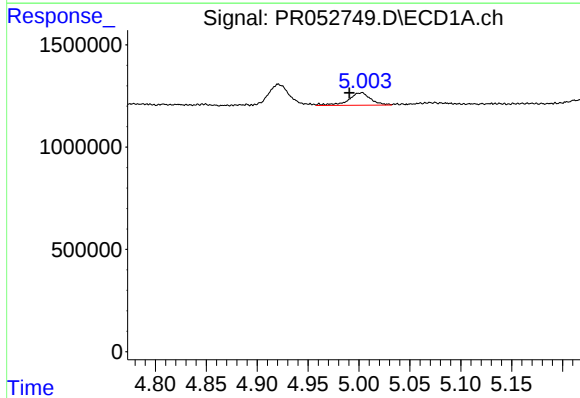
R.T.: 4.921 min
Delta R.T.: 0.019 min
Response: 1571899
Conc: 38.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



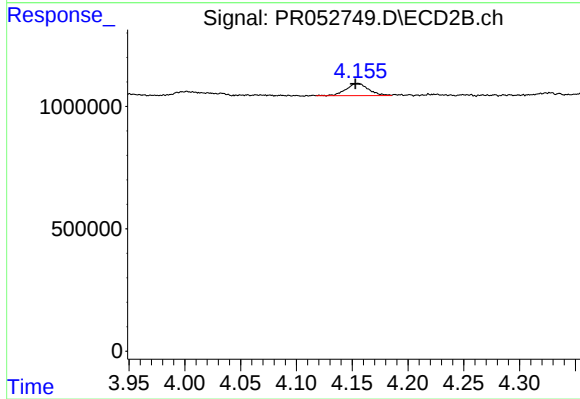
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.067 min
Response: 0
Conc: N.D.



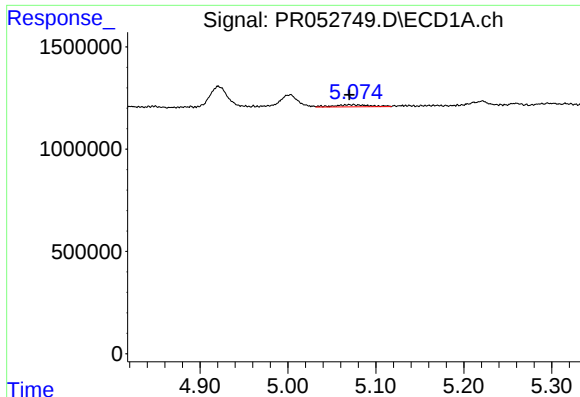
#9 AR-1221-2

R.T.: 5.003 min
Delta R.T.: 0.012 min
Response: 931138
Conc: 27.65 ng/ml



#9 AR-1221-2

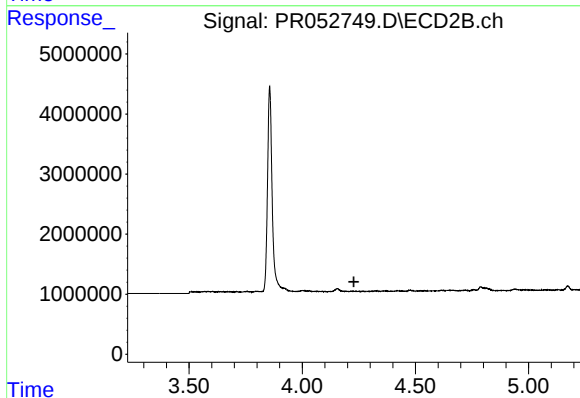
R.T.: 4.155 min
Delta R.T.: 0.002 min
Response: 692185
Conc: 26.92 ng/ml



#10 AR-1221-3

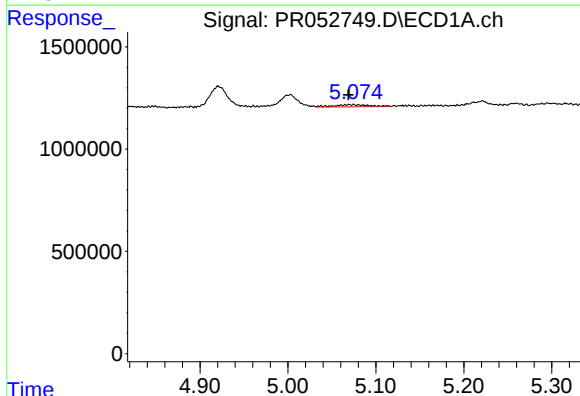
R.T.: 5.075 min
Delta R.T.: 0.005 min
Response: 301470
Conc: 3.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



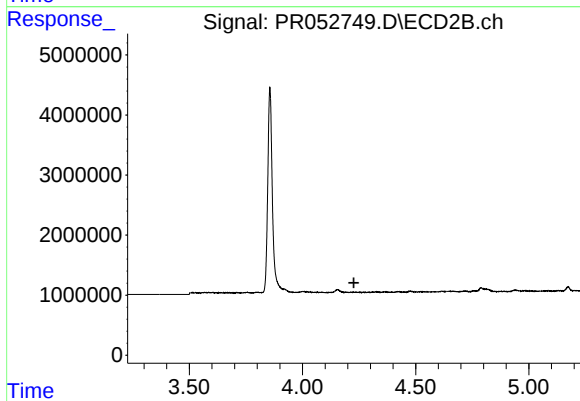
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.228 min
Response: 0
Conc: N.D.



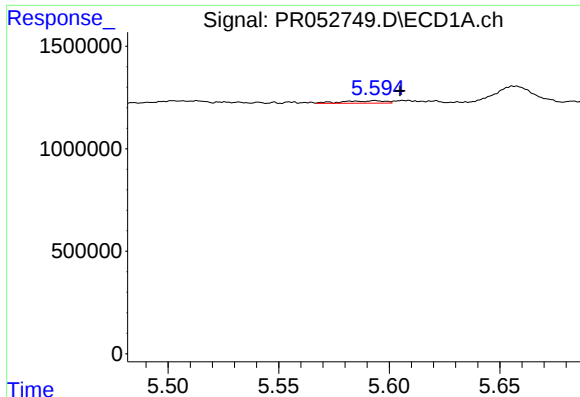
#11 AR-1232-1

R.T.: 5.075 min
Delta R.T.: 0.006 min
Response: 301470
Conc: 3.85 ng/ml



#11 AR-1232-1

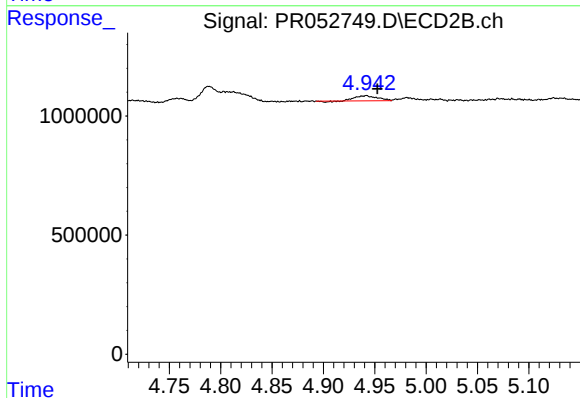
R.T.: 0.000 min
Exp R.T. : 4.227 min
Response: 0
Conc: N.D.



#12 AR-1232-2

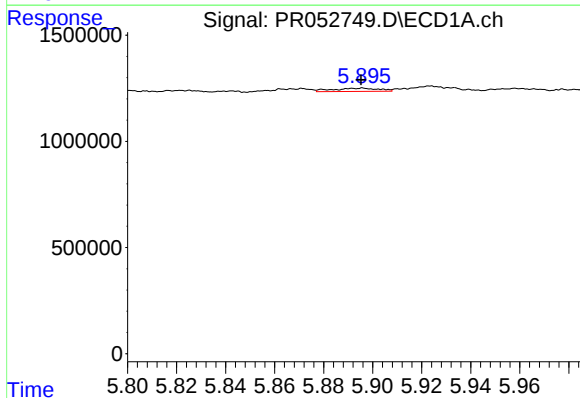
R.T.: 5.594 min
Delta R.T.: -0.011 min
Response: 157882
Conc: 3.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



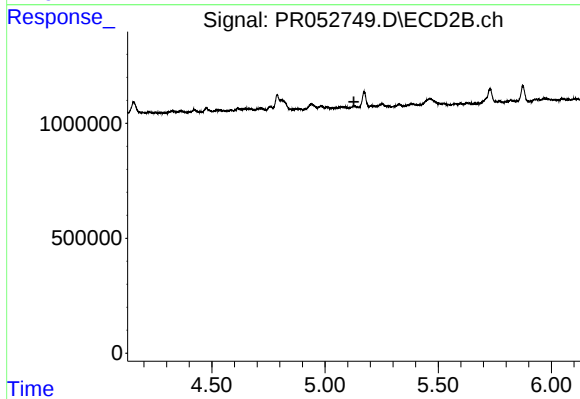
#12 AR-1232-2

R.T.: 4.942 min
Delta R.T.: -0.011 min
Response: 315050
Conc: 4.92 ng/ml



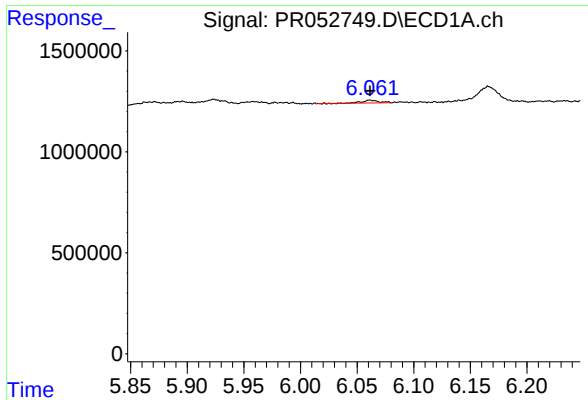
#13 AR-1232-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 202791
Conc: 2.64 ng/ml



#13 AR-1232-3

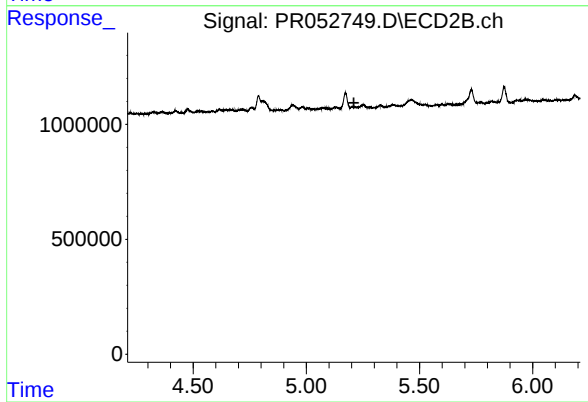
R.T.: 0.000 min
Exp R.T.: 5.127 min
Response: 0
Conc: N.D.



#14 AR-1232-4

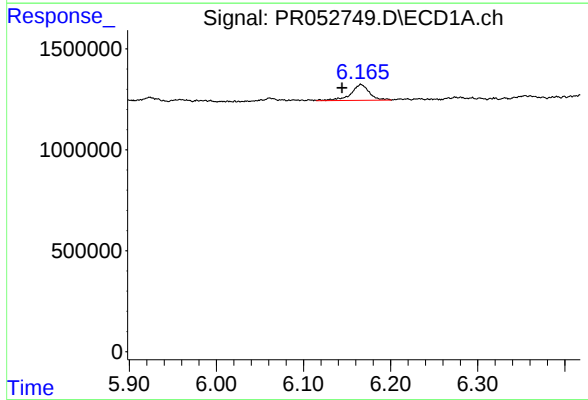
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 141445
Conc: 3.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



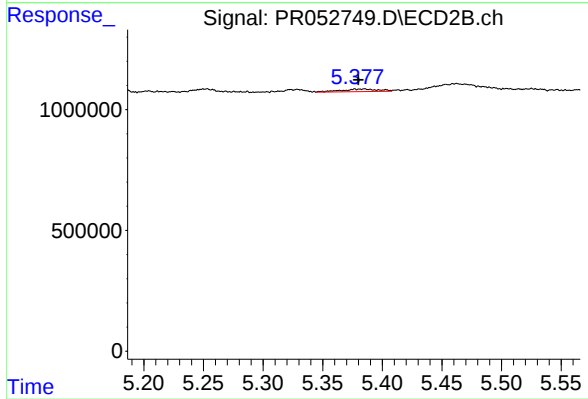
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



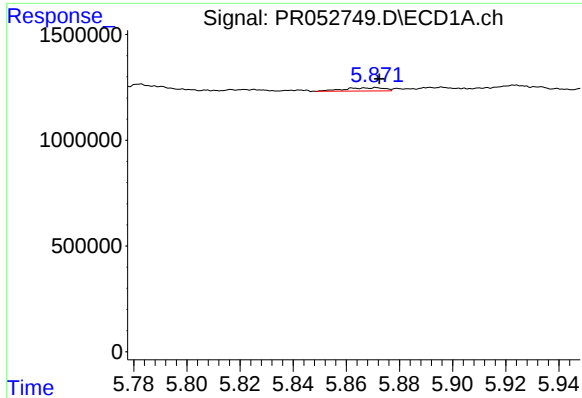
#15 AR-1232-5

R.T.: 6.166 min
Delta R.T.: 0.022 min
Response: 1154704
Conc: 36.39 ng/ml



#15 AR-1232-5

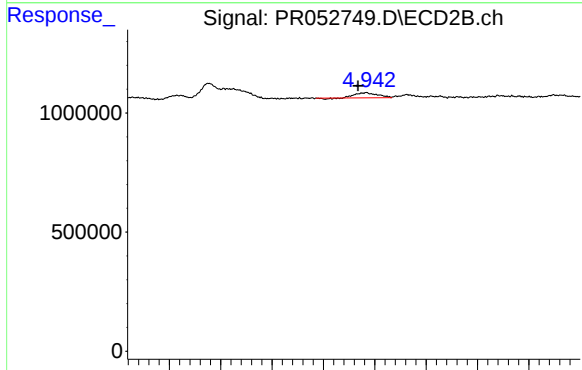
R.T.: 5.385 min
Delta R.T.: 0.005 min
Response: 222420
Conc: 6.75 ng/ml



#16 AR-1242-1

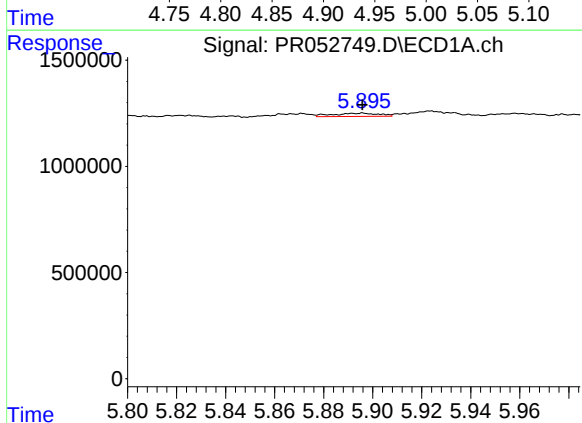
R.T.: 5.871 min
Delta R.T.: -0.001 min
Response: 163476
Conc: 1.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



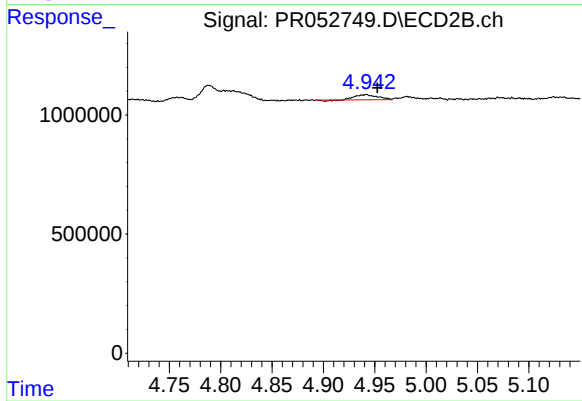
#16 AR-1242-1

R.T.: 4.942 min
Delta R.T.: 0.008 min
Response: 315050
Conc: 4.36 ng/ml



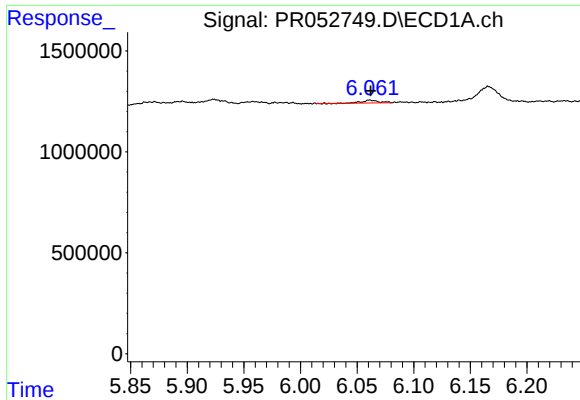
#17 AR-1242-2

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 202791
Conc: 1.57 ng/ml



#17 AR-1242-2

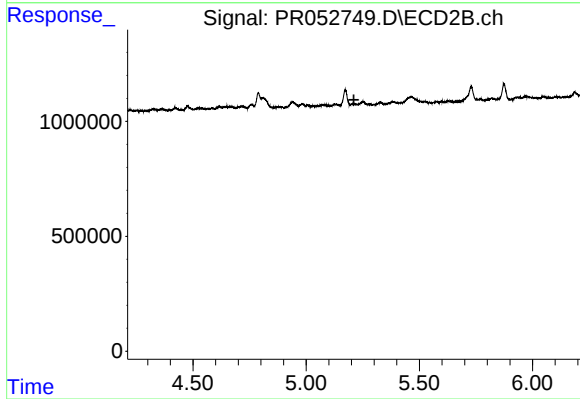
R.T.: 4.942 min
Delta R.T.: -0.011 min
Response: 315050
Conc: 2.89 ng/ml



#19 AR-1242-4

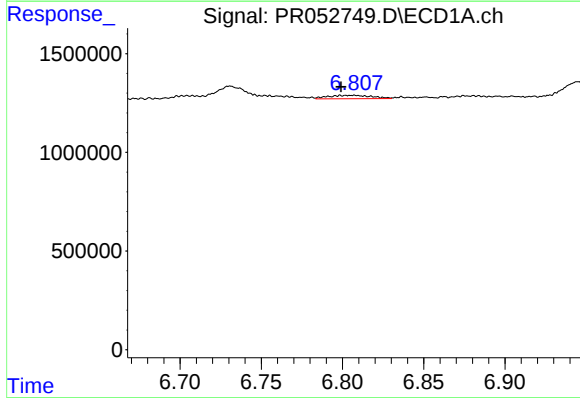
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 141445
Conc: 2.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



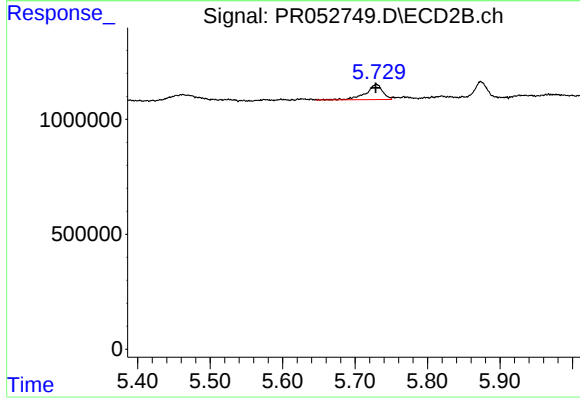
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.211 min
Response: 0
Conc: N.D.



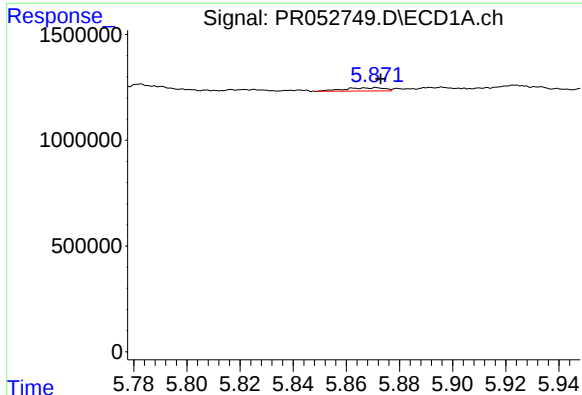
#20 AR-1242-5

R.T.: 6.807 min
Delta R.T.: 0.008 min
Response: 320703
Conc: 4.31 ng/ml



#20 AR-1242-5

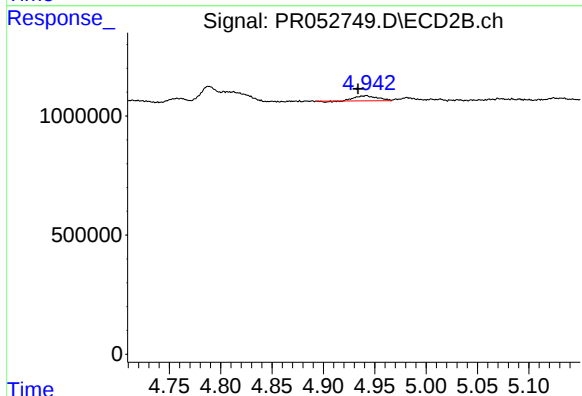
R.T.: 5.730 min
Delta R.T.: 0.001 min
Response: 1061740
Conc: 15.02 ng/ml



#21 AR-1248-1

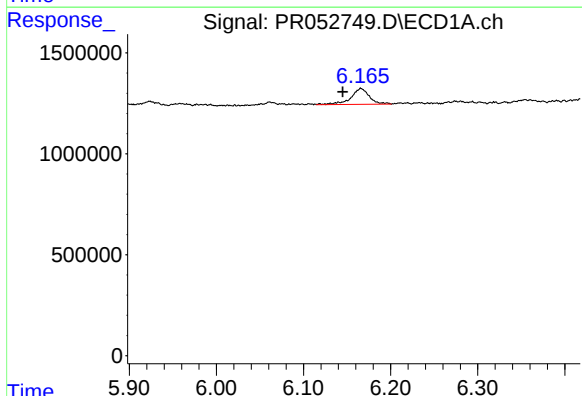
R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 163476
Conc: 2.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



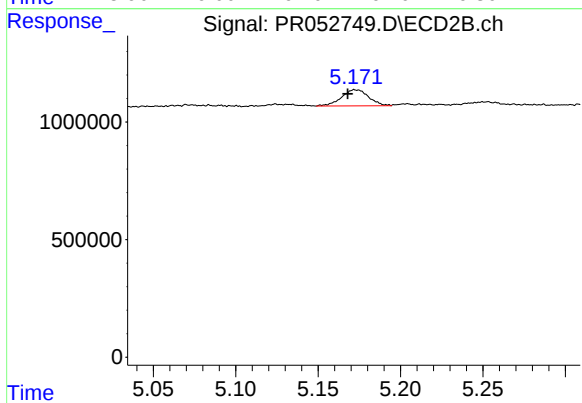
#21 AR-1248-1

R.T.: 4.942 min
Delta R.T.: 0.008 min
Response: 315050
Conc: 5.50 ng/ml



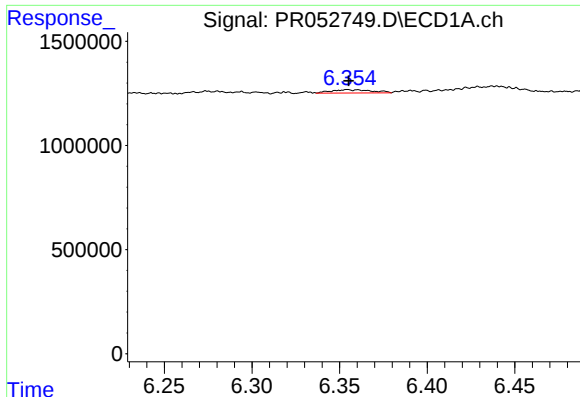
#22 AR-1248-2

R.T.: 6.166 min
Delta R.T.: 0.021 min
Response: 1154704
Conc: 11.37 ng/ml



#22 AR-1248-2

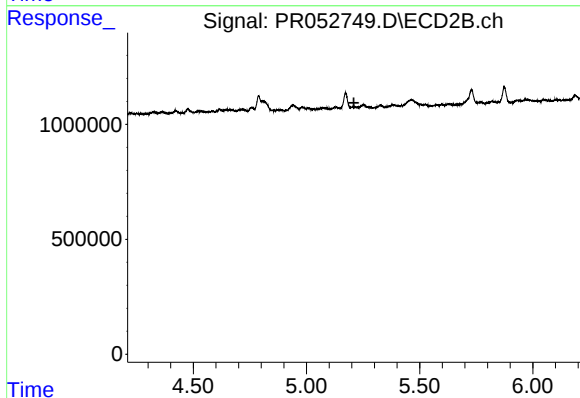
R.T.: 5.173 min
Delta R.T.: 0.005 min
Response: 785008
Conc: 9.89 ng/ml



#23 AR-1248-3

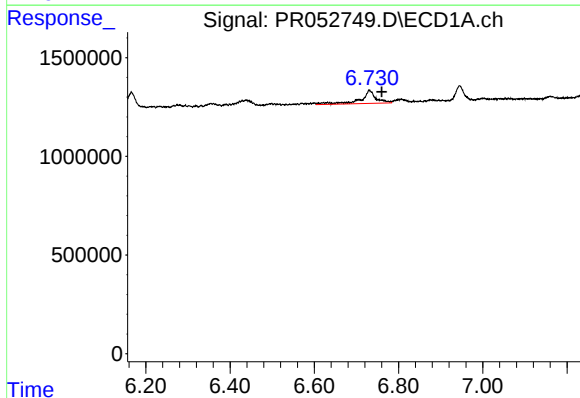
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 261924
Conc: 2.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



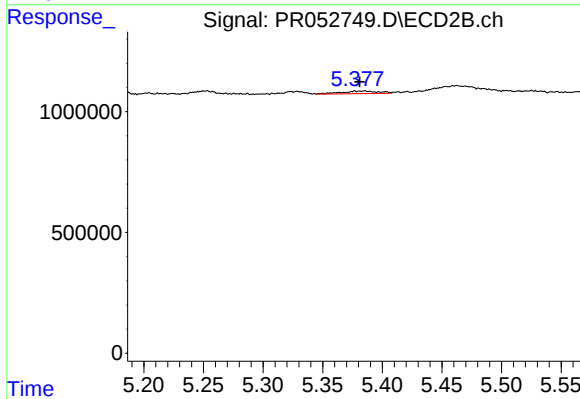
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



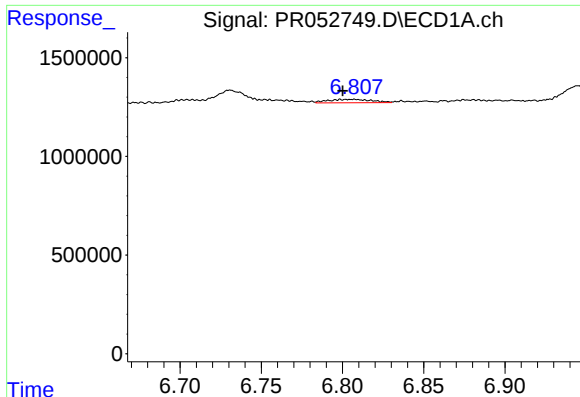
#24 AR-1248-4

R.T.: 6.731 min
Delta R.T.: -0.030 min
Response: 1703413
Conc: 13.45 ng/ml



#24 AR-1248-4

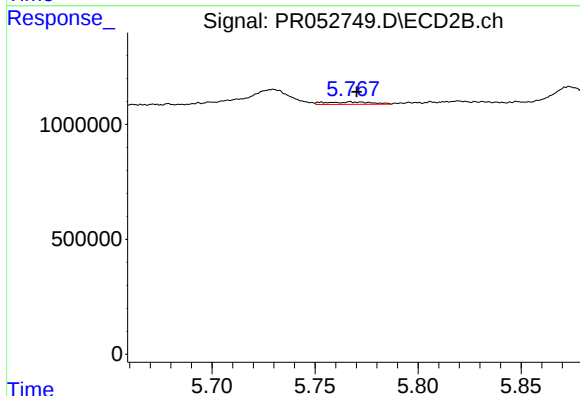
R.T.: 5.385 min
Delta R.T.: 0.004 min
Response: 222420
Conc: 2.24 ng/ml



#25 AR-1248-5

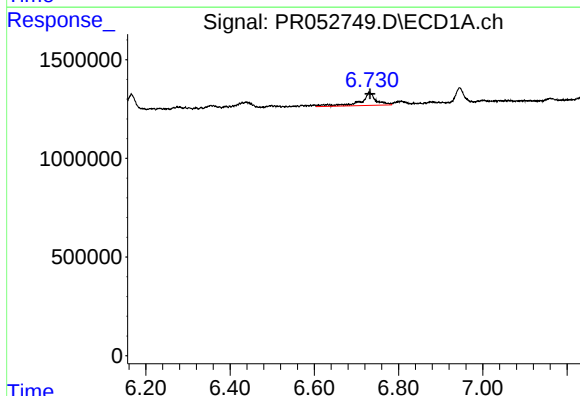
R.T.: 6.807 min
Delta R.T.: 0.007 min
Response: 320703
Conc: 2.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



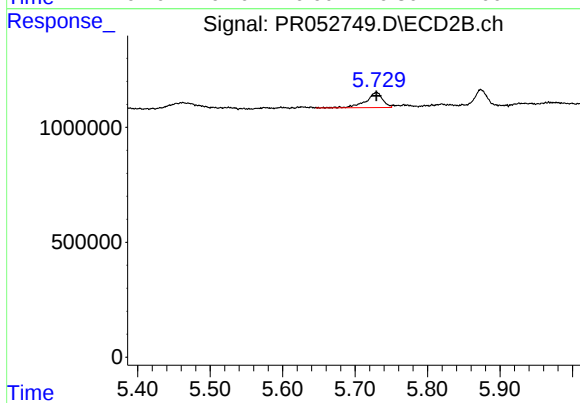
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.003 min
Response: 165823
Conc: 1.70 ng/ml



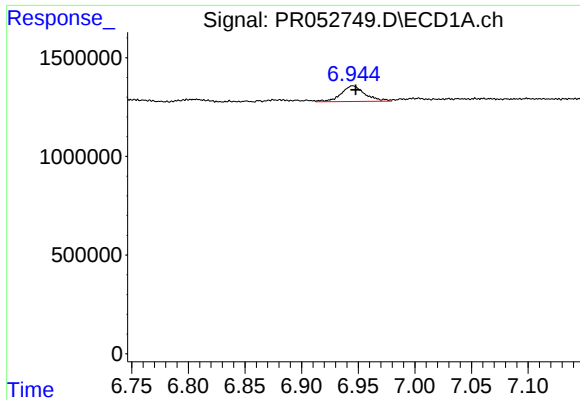
#26 AR-1254-1

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 1703413
Conc: 12.98 ng/ml



#26 AR-1254-1

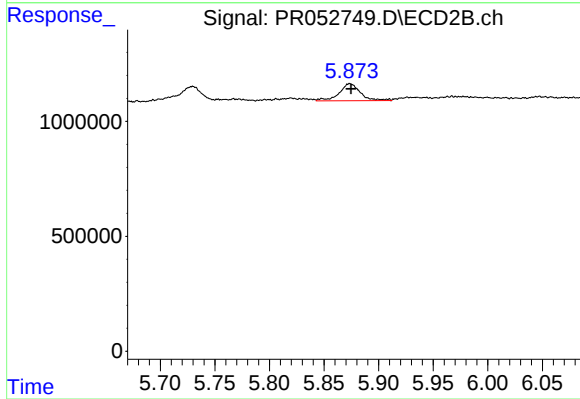
R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 1061740
Conc: 7.00 ng/ml



#27 AR-1254-2

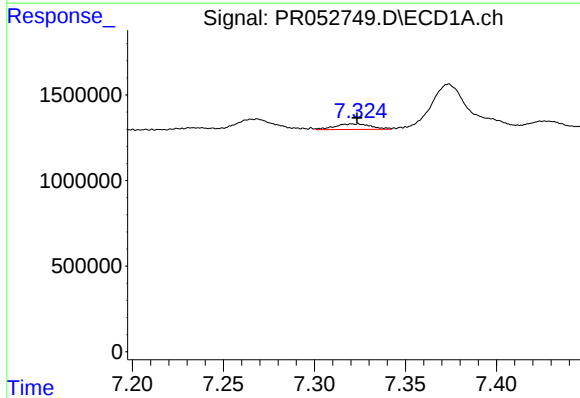
R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 1159496
Conc: 5.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



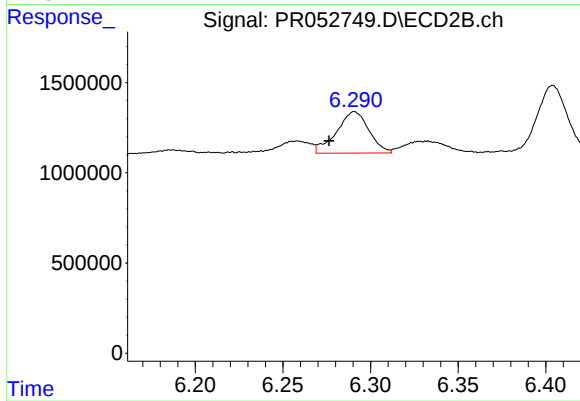
#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.001 min
Response: 1002268
Conc: 7.64 ng/ml



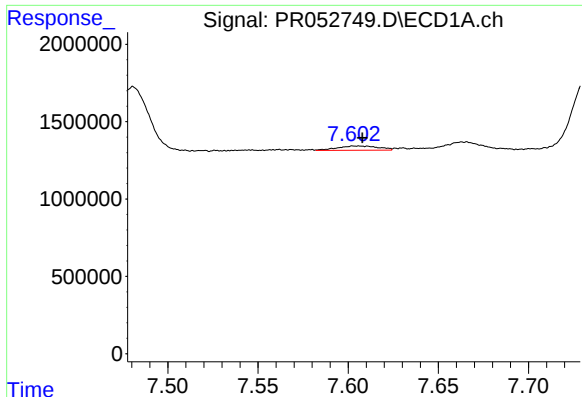
#28 AR-1254-3

R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 447398
Conc: 2.11 ng/ml



#28 AR-1254-3

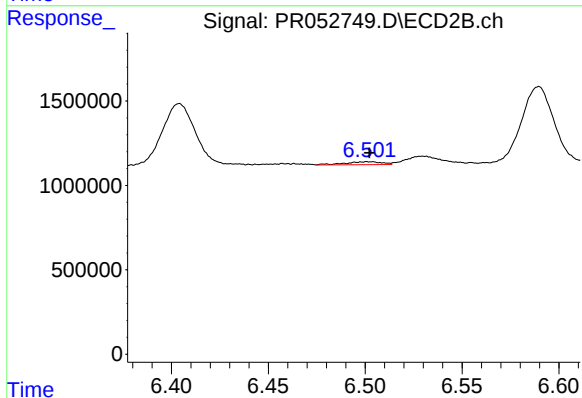
R.T.: 6.291 min
Delta R.T.: 0.015 min
Response: 2950851
Conc: 13.37 ng/ml



#29 AR-1254-4

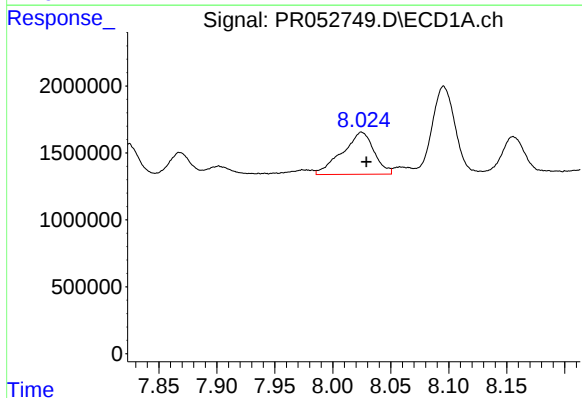
R.T.: 7.604 min
Delta R.T.: -0.004 min
Response: 429336
Conc: 2.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



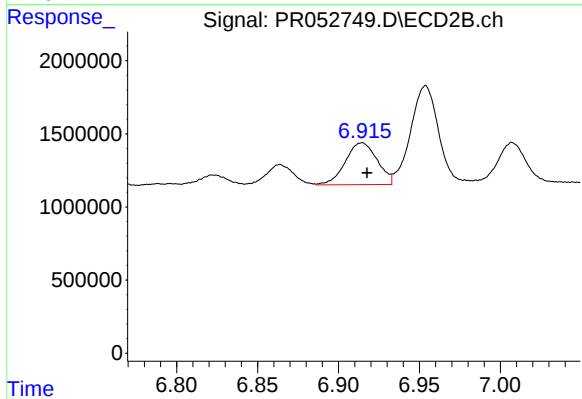
#29 AR-1254-4

R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 236757
Conc: 1.74 ng/ml



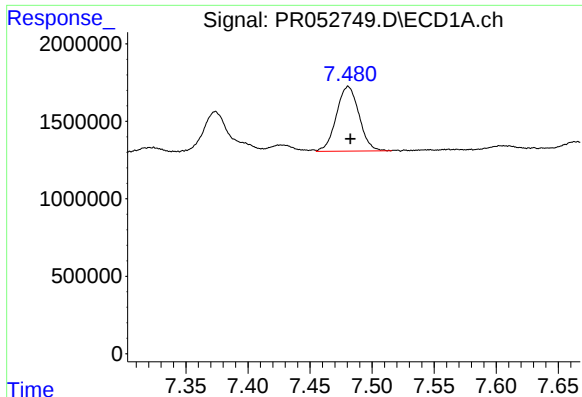
#30 AR-1254-5

R.T.: 8.025 min
Delta R.T.: -0.004 min
Response: 5991565
Conc: 34.00 ng/ml



#30 AR-1254-5

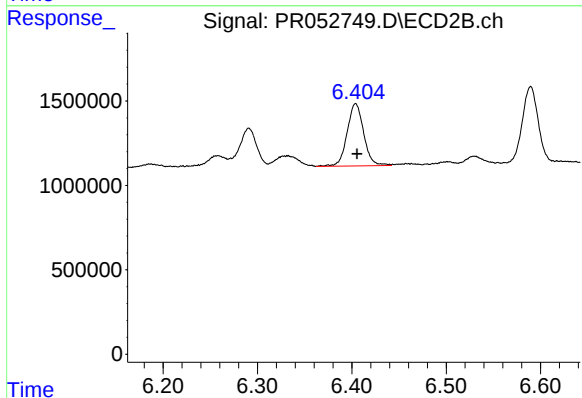
R.T.: 6.914 min
Delta R.T.: -0.003 min
Response: 3927385
Conc: 18.90 ng/ml



#31 AR-1260-1

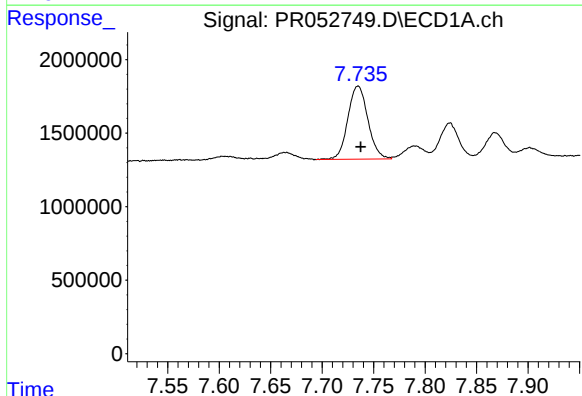
R.T.: 7.481 min
Delta R.T.: -0.002 min
Response: 5288622
Conc: 34.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



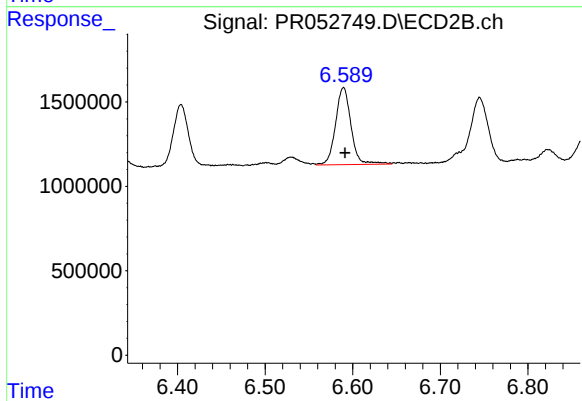
#31 AR-1260-1

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 4489363
Conc: 31.54 ng/ml



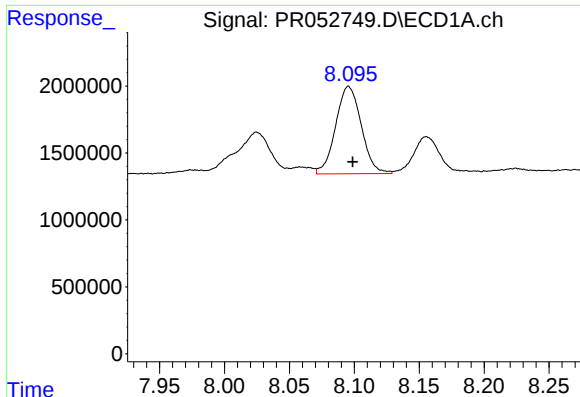
#32 AR-1260-2

R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 6738489
Conc: 36.11 ng/ml



#32 AR-1260-2

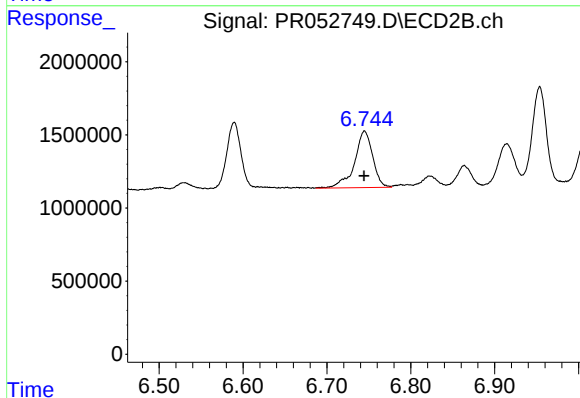
R.T.: 6.590 min
Delta R.T.: -0.001 min
Response: 5593715
Conc: 32.22 ng/ml



#33 AR-1260-3

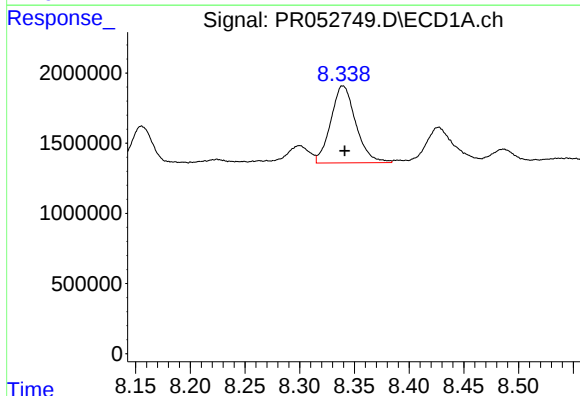
R.T.: 8.096 min
Delta R.T.: -0.003 min
Response: 8969348
Conc: 61.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



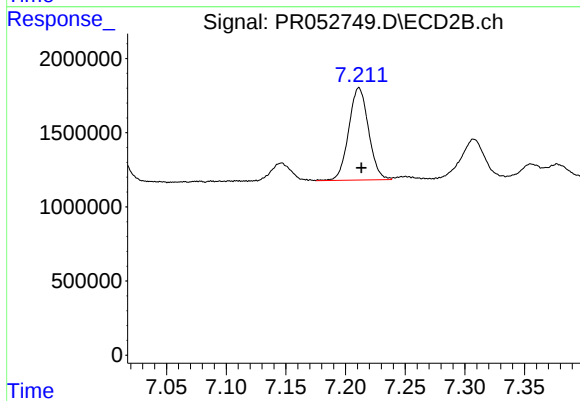
#33 AR-1260-3

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 5815735
Conc: 34.47 ng/ml



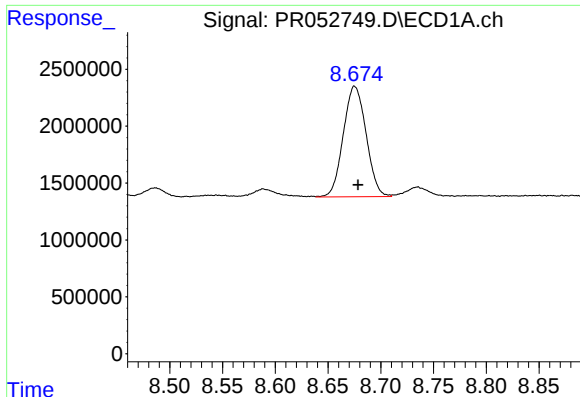
#34 AR-1260-4

R.T.: 8.340 min
Delta R.T.: -0.002 min
Response: 8720895
Conc: 51.17 ng/ml



#34 AR-1260-4

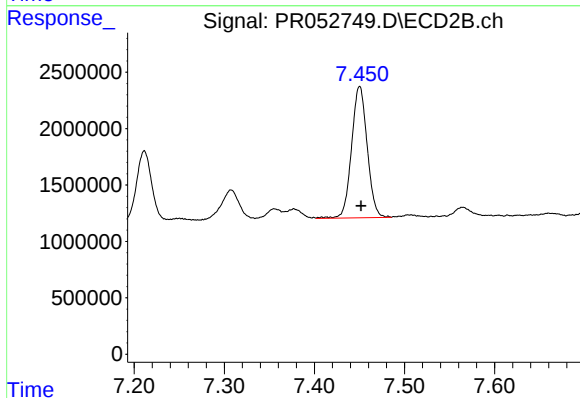
R.T.: 7.211 min
Delta R.T.: -0.002 min
Response: 7203067
Conc: 47.42 ng/ml



#35 AR-1260-5

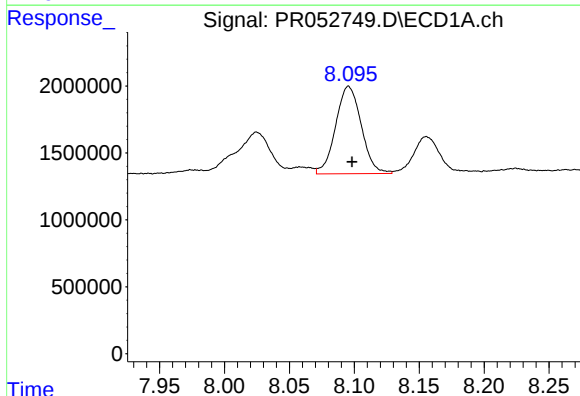
R.T.: 8.675 min
Delta R.T.: -0.003 min
Response: 14609524
Conc: 43.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



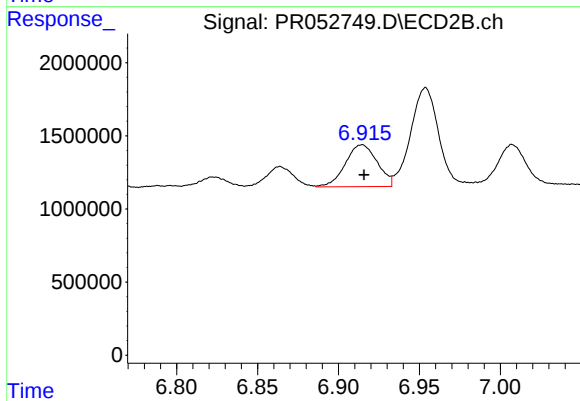
#35 AR-1260-5

R.T.: 7.450 min
Delta R.T.: -0.002 min
Response: 14017301
Conc: 38.27 ng/ml



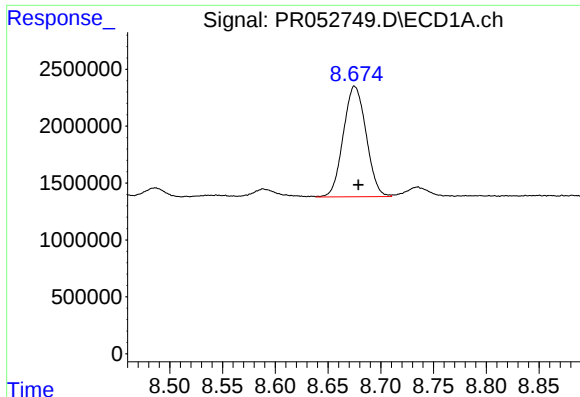
#36 AR-1262-1

R.T.: 8.096 min
Delta R.T.: -0.003 min
Response: 8969348
Conc: 44.23 ng/ml



#36 AR-1262-1

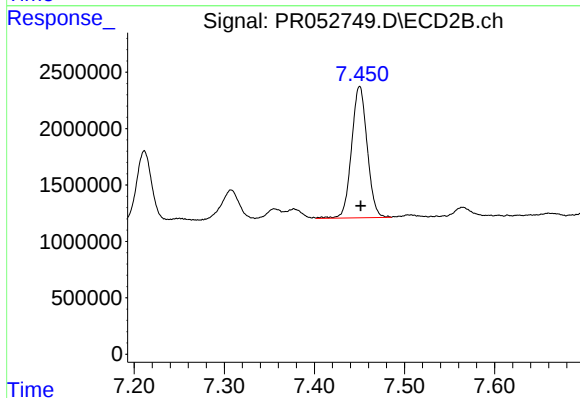
R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 3927385
Conc: 36.25 ng/ml



#37 AR-1262-2

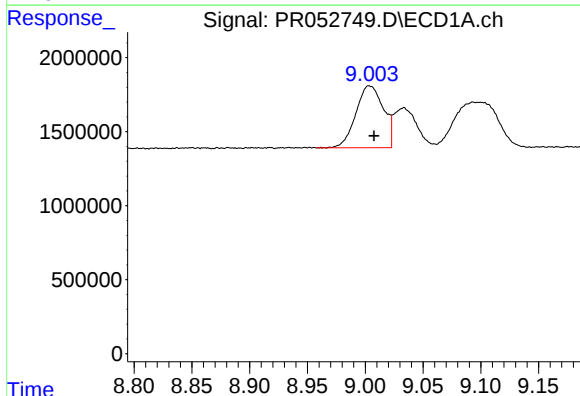
R.T.: 8.675 min
Delta R.T.: -0.004 min
Response: 14609524
Conc: 39.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



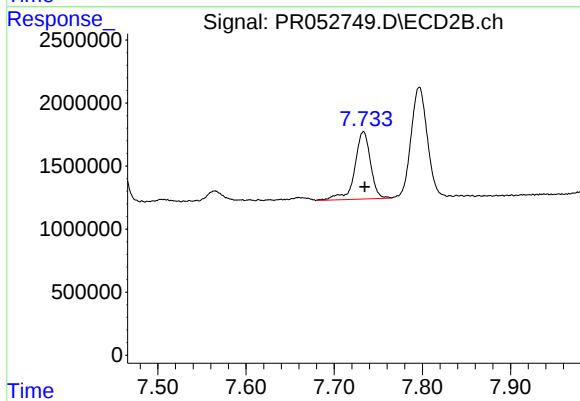
#37 AR-1262-2

R.T.: 7.450 min
Delta R.T.: -0.001 min
Response: 14017301
Conc: 36.04 ng/ml



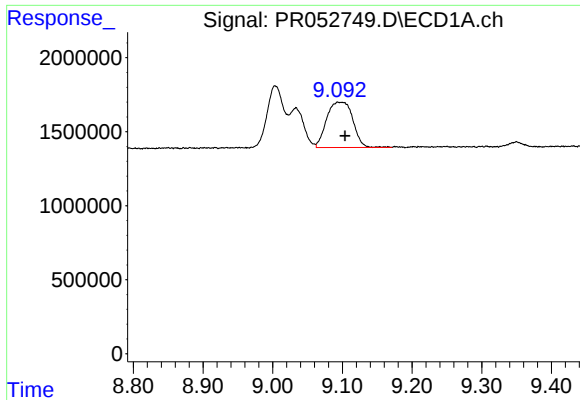
#38 AR-1262-3

R.T.: 9.004 min
Delta R.T.: -0.004 min
Response: 6925554
Conc: 42.30 ng/ml



#38 AR-1262-3

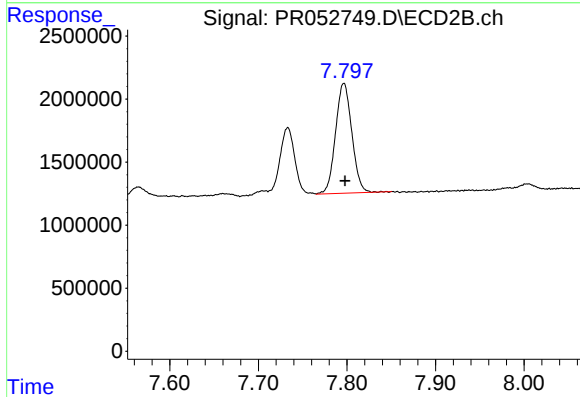
R.T.: 7.733 min
Delta R.T.: -0.001 min
Response: 6649731
Conc: 41.70 ng/ml



#39 AR-1262-4

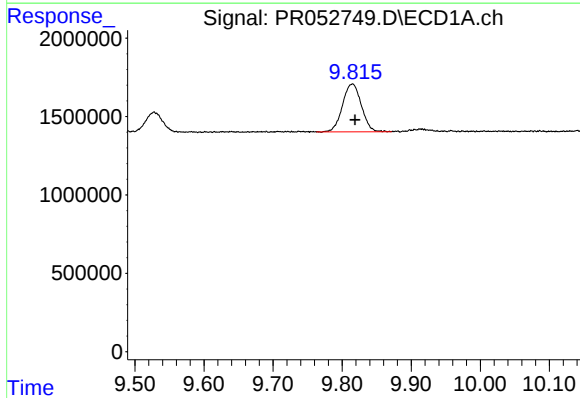
R.T.: 9.094 min
Delta R.T.: -0.010 min
Response: 7974430
Conc: 69.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



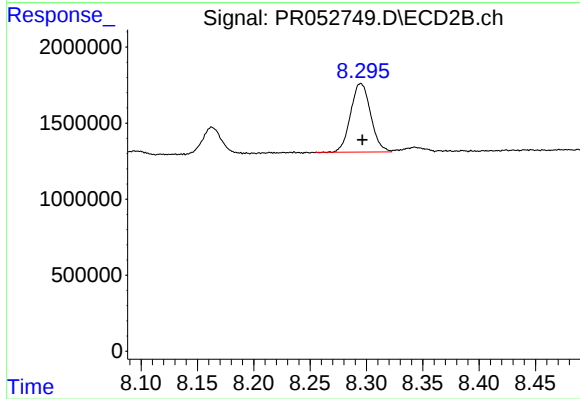
#39 AR-1262-4

R.T.: 7.797 min
Delta R.T.: -0.001 min
Response: 11109322
Conc: 36.81 ng/ml



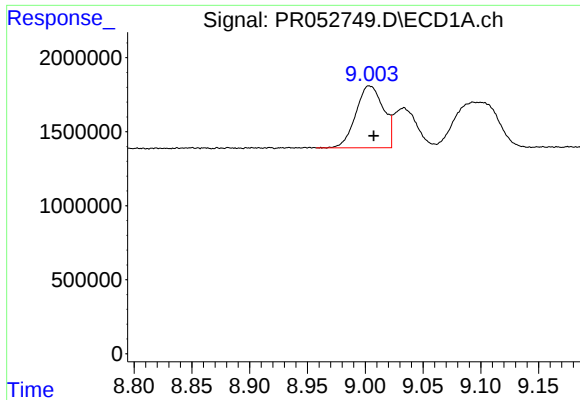
#40 AR-1262-5

R.T.: 9.815 min
Delta R.T.: -0.004 min
Response: 5789936
Conc: 41.39 ng/ml



#40 AR-1262-5

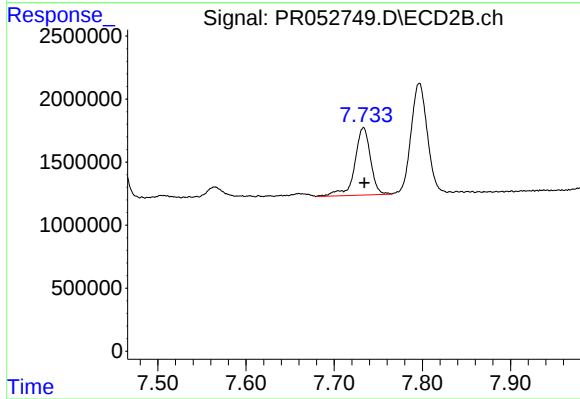
R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 5562864
Conc: 38.50 ng/ml



#41 AR-1268-1

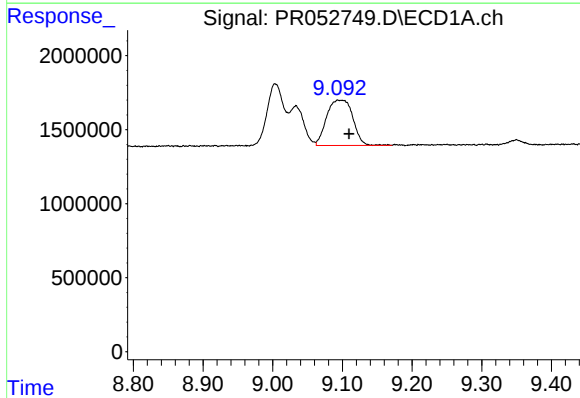
R.T.: 9.004 min
Delta R.T.: -0.004 min
Response: 6925554
Conc: 15.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



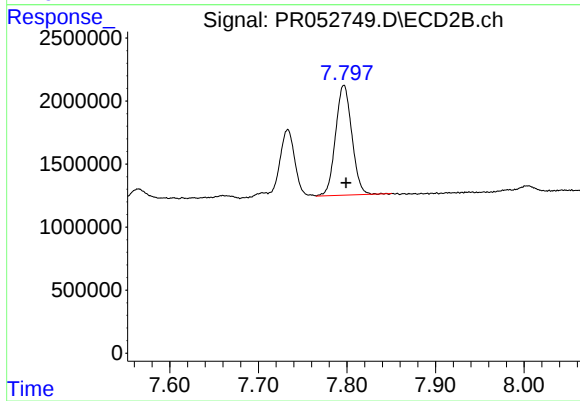
#41 AR-1268-1

R.T.: 7.733 min
Delta R.T.: -0.001 min
Response: 6649731
Conc: 14.06 ng/ml



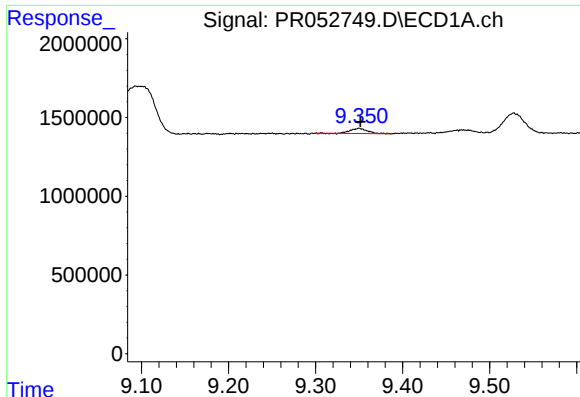
#42 AR-1268-2

R.T.: 9.094 min
Delta R.T.: -0.015 min
Response: 7974430
Conc: 19.40 ng/ml



#42 AR-1268-2

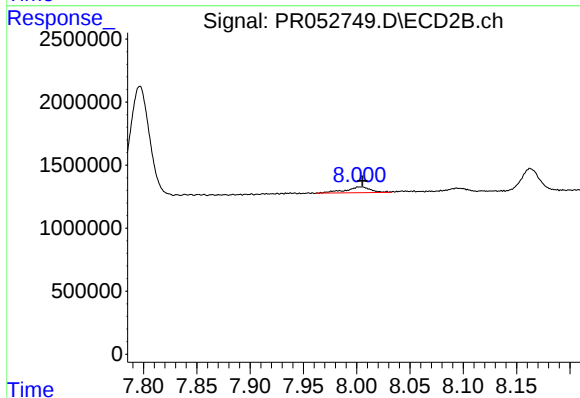
R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 11109322
Conc: 24.95 ng/ml



#43 AR-1268-3

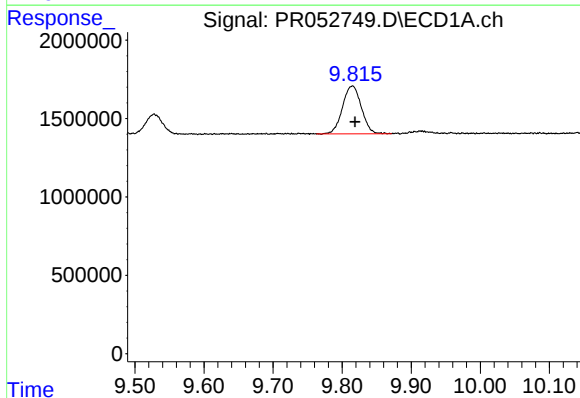
R.T.: 9.350 min
Delta R.T.: -0.002 min
Response: 451772
Conc: 1.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



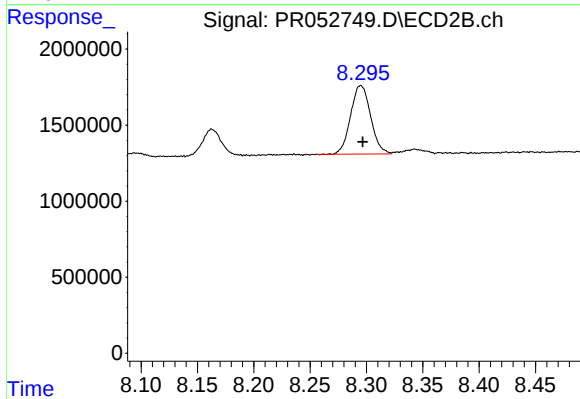
#43 AR-1268-3

R.T.: 8.003 min
Delta R.T.: -0.002 min
Response: 775846
Conc: 2.01 ng/ml



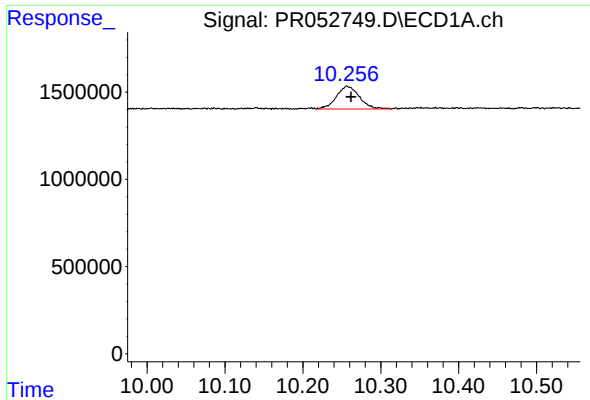
#44 AR-1268-4

R.T.: 9.815 min
Delta R.T.: -0.004 min
Response: 5789936
Conc: 36.31 ng/ml



#44 AR-1268-4

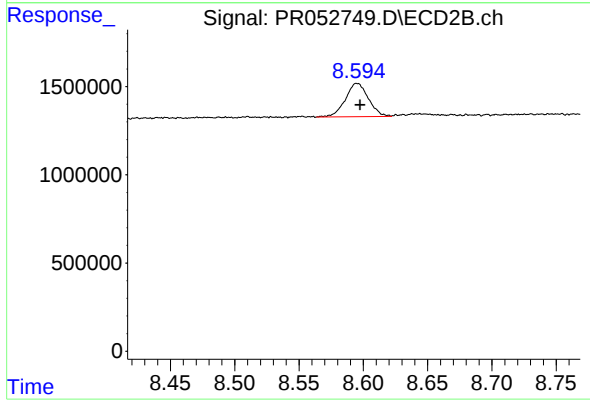
R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 5562864
Conc: 34.11 ng/ml



#45 AR-1268-5

R.T.: 10.256 min
Delta R.T.: -0.005 min
Response: 2702654
Conc: 2.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.595 min
Delta R.T.: -0.002 min
Response: 2355528
Conc: 1.89 ng/ml