

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
 Data File : PR051360.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2021 17:29
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:04:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 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...	4.629	3.808	134.8E6	125.8E6	16.491	16.913
2)	SA Decachlor...	10.508	8.836	189.6E6	147.2E6	19.736	18.409
Target Compounds							
3)	L1 AR-1016-1	5.813	4.898	1048051	591729	2.889	2.011 #
4)	L1 AR-1016-2	5.833	4.904	1122508	847960	2.164	2.008
5)	L1 AR-1016-3	5.872f	5.092	953707	492676	3.143	2.213 #
6)	L1 AR-1016-4	5.996	5.136	1042977	1935968	4.059	11.431 #
7)	L1 AR-1016-5	6.293	5.345	148075	244414	0.598	1.106 #
8)	L2 AR-1221-1	0.000	4.031	0	689931	N.D.	9.398 #
9)	L2 AR-1221-2	4.938	4.110	2783581	1819782	41.387	30.855 #
10)	L2 AR-1221-3	5.014	4.182	752883	228328	3.502	1.200 #
11)	L3 AR-1232-1	5.014	4.182	752883	228328	4.170	1.414 #
12)	L3 AR-1232-2	5.542	4.904	797859	847960	8.207	5.058 #
13)	L3 AR-1232-3	5.833	5.092	1122508	492676	5.370	5.653
14)	L3 AR-1232-4	5.996	5.170	1042977	174769	10.101	2.376 #
15)	L3 AR-1232-5	6.110f	5.345	2902267	244414	38.641	3.004 #
16)	L4 AR-1242-1	5.813	4.898	1048051	591729	4.095	2.855 #
17)	L4 AR-1242-2	5.833	4.904	1122508	847960	2.969	2.796
18)	L4 AR-1242-3	5.872f	5.092	953707	492676	4.335	3.087 #
19)	L4 AR-1242-4	5.996	5.170	1042977	174769	5.595	1.183 #
20)	L4 AR-1242-5	6.737	5.695	1042265	1692115	4.762	8.438 #
21)	L5 AR-1248-1	5.813	4.898	1048051	591729	4.970	3.469 #
22)	L5 AR-1248-2	6.110f	5.136	2902267	1935968	9.913	8.452
23)	L5 AR-1248-3	6.293	5.170	148075	174769	0.443	0.734 #
24)	L5 AR-1248-4	6.696	5.345	770107	244414	1.852	0.852 #
25)	L5 AR-1248-5	6.737	5.733	1042265	223966	2.613	0.731 #
26)	L6 AR-1254-1	6.670	5.695	2668585	1692115	7.529	4.120 #
27)	L6 AR-1254-2	6.885	5.840	3165860	1709663	5.632	4.915
28)	L6 AR-1254-3	7.258	6.260f	1404598	6518815	2.346	10.818 #
29)	L6 AR-1254-4	7.545	6.472	1924767	409193	3.915	1.090 #
30)	L6 AR-1254-5	7.963	6.887	12159045	8269069	25.664	16.007 #
31)	L7 AR-1260-1	7.419	6.374	9963416	10011798	20.881	24.291
32)	L7 AR-1260-2	7.677	6.560	14107317	12061639	22.337	23.859
33)	L7 AR-1260-3	8.035	6.717	19643063	11621539	39.287	23.734 #
34)	L7 AR-1260-4	8.272	7.186	17087874	14722256	33.367	36.021
35)	L7 AR-1260-5	8.607	7.426	33742084	29442708	29.277	28.094
36)	L8 AR-1262-1	8.035	6.887	19643063	8269069	29.919	29.899
37)	L8 AR-1262-2	8.607	7.426	33742084	29442708	28.089	28.991
38)	L8 AR-1262-3	8.930	7.710	23178167	12306228	30.397	33.451
39)	L8 AR-1262-4	9.027	7.774	17698686	22213064	30.392	30.477
40)	L8 AR-1262-5	9.721	8.273	12713312	10862686	30.245	33.303
41)	L9 AR-1268-1	8.930	7.710	23178167	12306228	16.399	11.425 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
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 Acq On : 27 Jul 2021 17:29
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 23 Sample Multiplier: 1

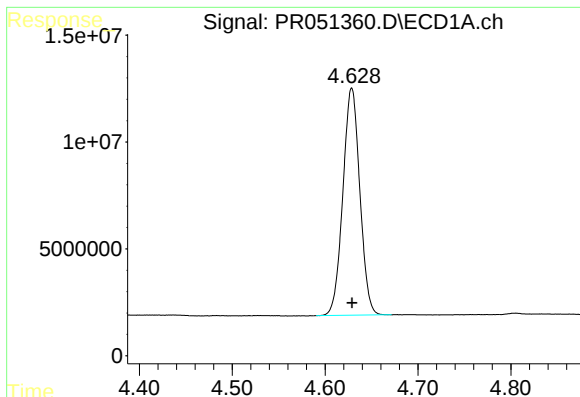
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:04:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
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 Response via : Initial Calibration
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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
42) L9	AR-1268-2	9.027	7.774	17698686	22213064	13.862	22.308 #
43) L9	AR-1268-3	9.266	7.981	2305428	2188777	2.065	2.661 #
44) L9	AR-1268-4	9.721	8.273	12713312	10862686	28.028	30.603
45) L9	AR-1268-5	10.156	8.573	7499316	5313532	2.050	1.912

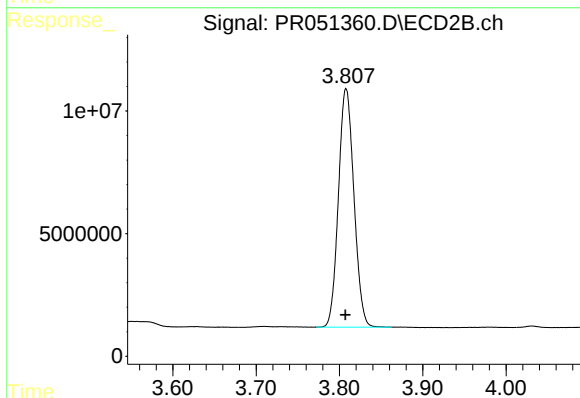
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

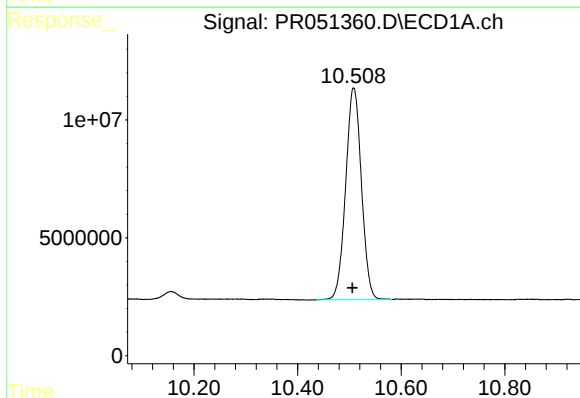
R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 134781901
Conc: 16.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



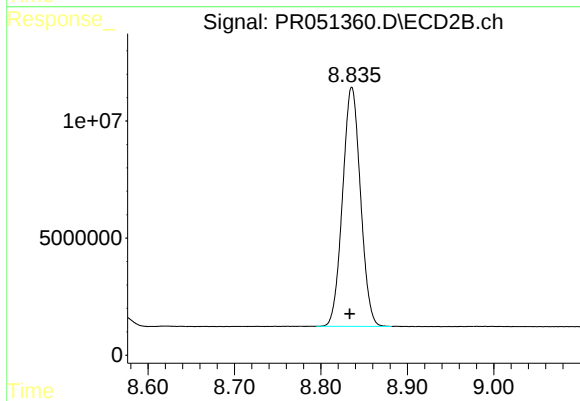
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 125764552
Conc: 16.91 ng/ml



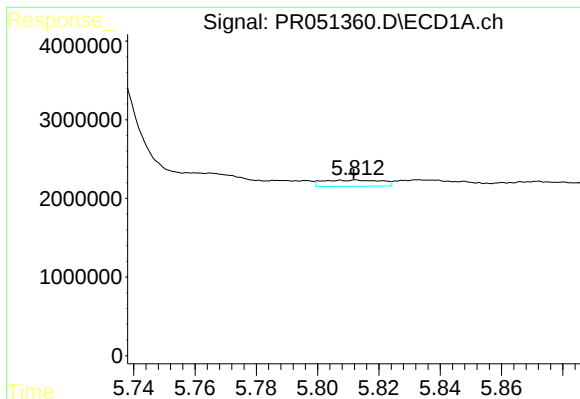
#2 Decachlorobiphenyl

R.T.: 10.508 min
Delta R.T.: 0.002 min
Response: 189569685
Conc: 19.74 ng/ml



#2 Decachlorobiphenyl

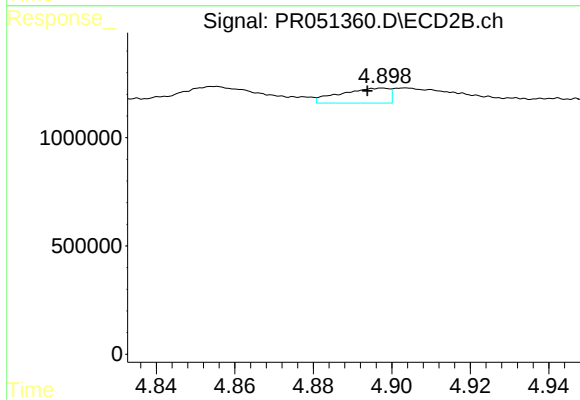
R.T.: 8.836 min
Delta R.T.: 0.002 min
Response: 147184365
Conc: 18.41 ng/ml



#3 AR-1016-1

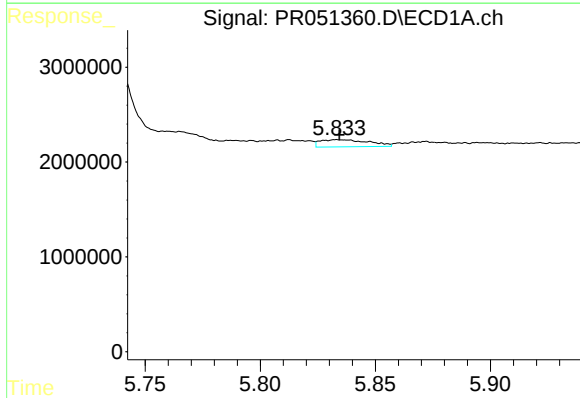
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 1048051
Conc: 2.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



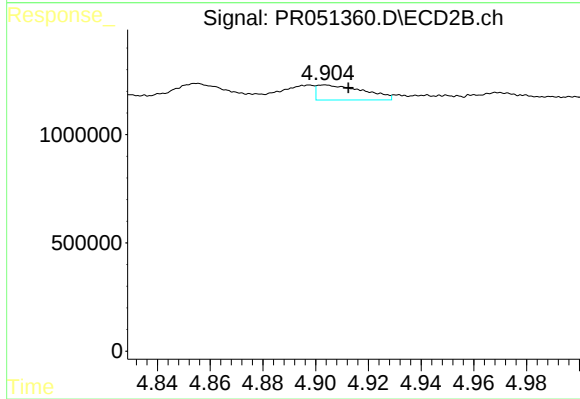
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.004 min
Response: 591729
Conc: 2.01 ng/ml



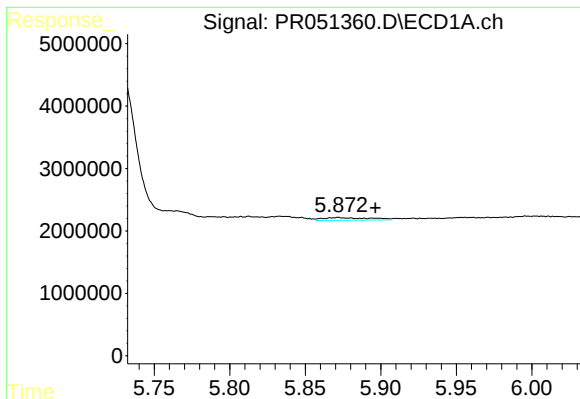
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 1122508
Conc: 2.16 ng/ml



#4 AR-1016-2

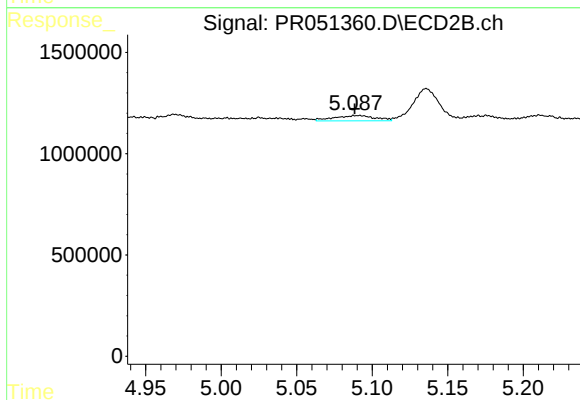
R.T.: 4.904 min
Delta R.T.: -0.009 min
Response: 847960
Conc: 2.01 ng/ml



#5 AR-1016-3

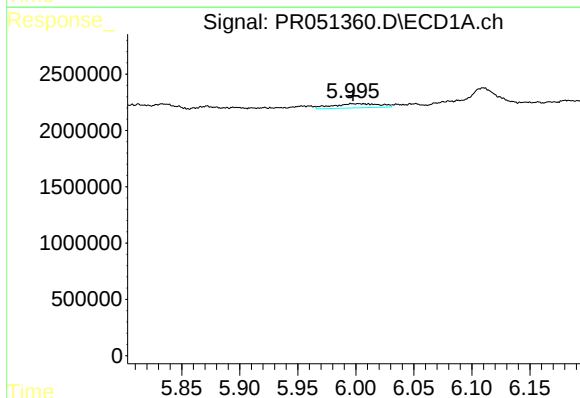
R.T.: 5.872 min
Delta R.T.: -0.024 min
Response: 953707
Conc: 3.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



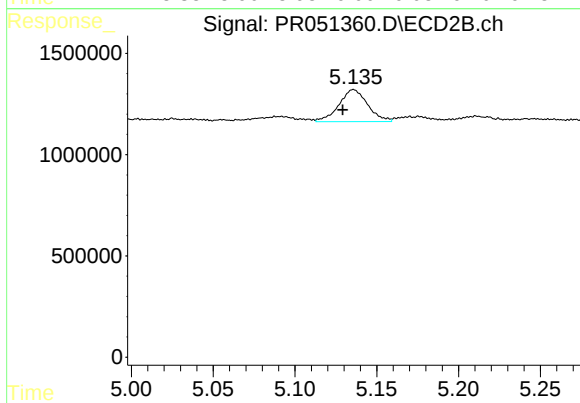
#5 AR-1016-3

R.T.: 5.092 min
Delta R.T.: 0.003 min
Response: 492676
Conc: 2.21 ng/ml



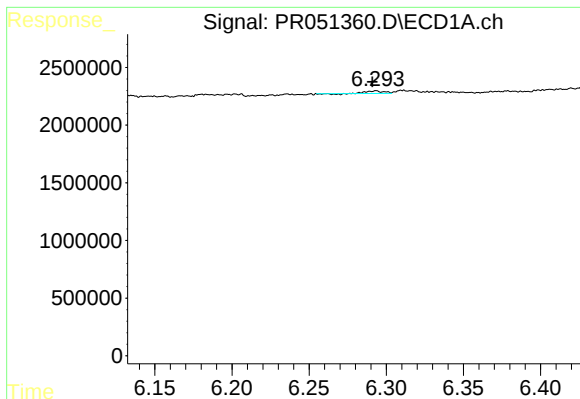
#6 AR-1016-4

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 1042977
Conc: 4.06 ng/ml



#6 AR-1016-4

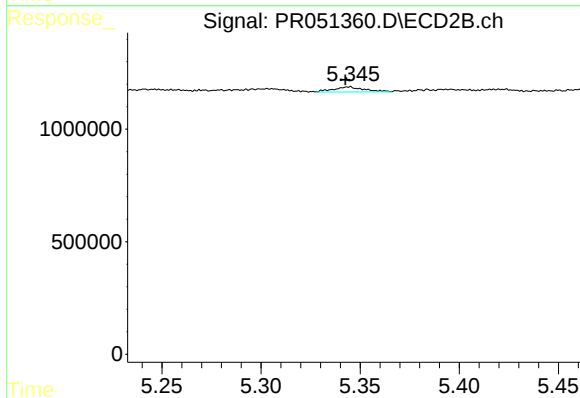
R.T.: 5.136 min
Delta R.T.: 0.007 min
Response: 1935968
Conc: 11.43 ng/ml



#7 AR-1016-5

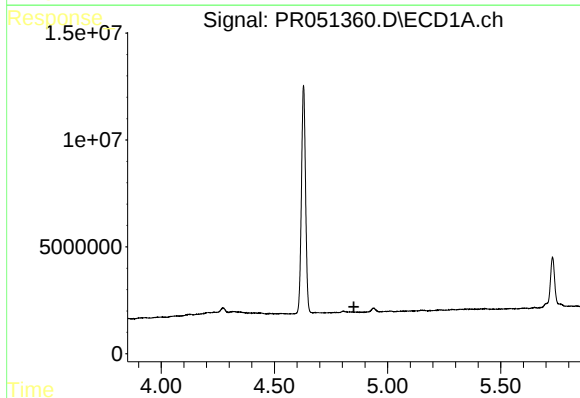
R.T.: 6.293 min
Delta R.T.: 0.002 min
Response: 148075
Conc: 0.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



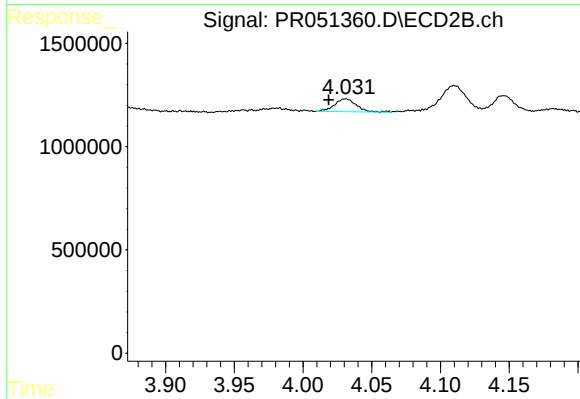
#7 AR-1016-5

R.T.: 5.345 min
Delta R.T.: 0.002 min
Response: 244414
Conc: 1.11 ng/ml



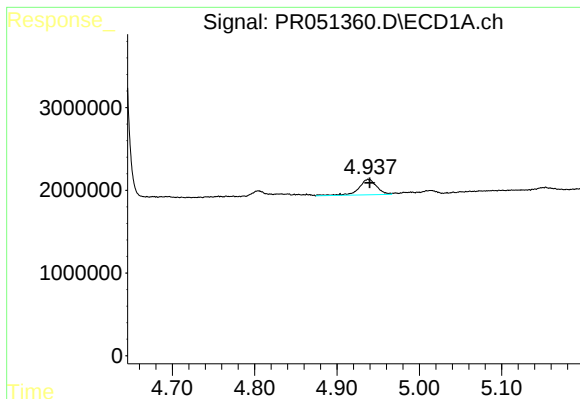
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



#8 AR-1221-1

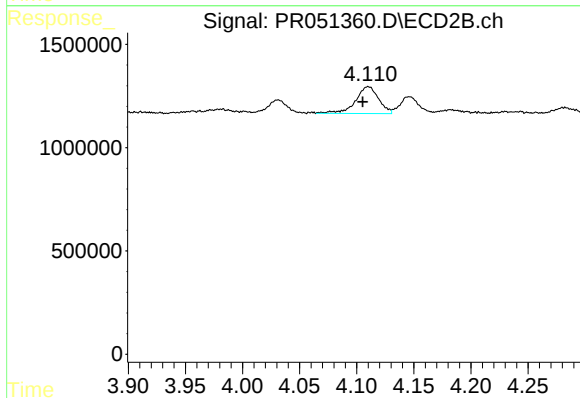
R.T.: 4.031 min
Delta R.T.: 0.012 min
Response: 689931
Conc: 9.40 ng/ml



#9 AR-1221-2

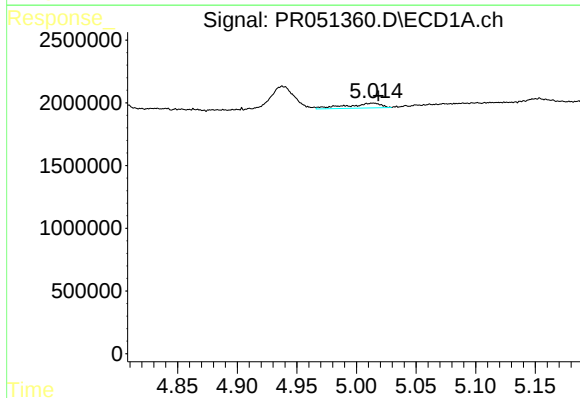
R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 2783581
Conc: 41.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



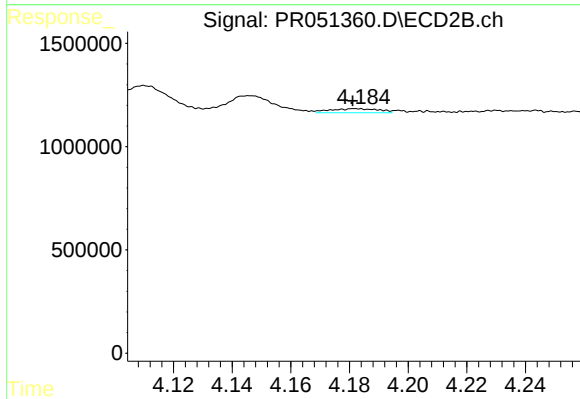
#9 AR-1221-2

R.T.: 4.110 min
Delta R.T.: 0.005 min
Response: 1819782
Conc: 30.86 ng/ml



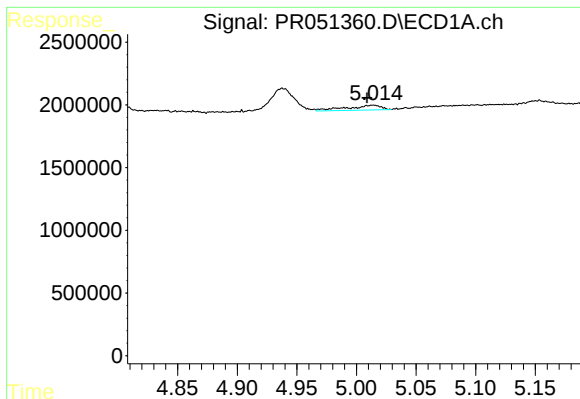
#10 AR-1221-3

R.T.: 5.014 min
Delta R.T.: -0.004 min
Response: 752883
Conc: 3.50 ng/ml



#10 AR-1221-3

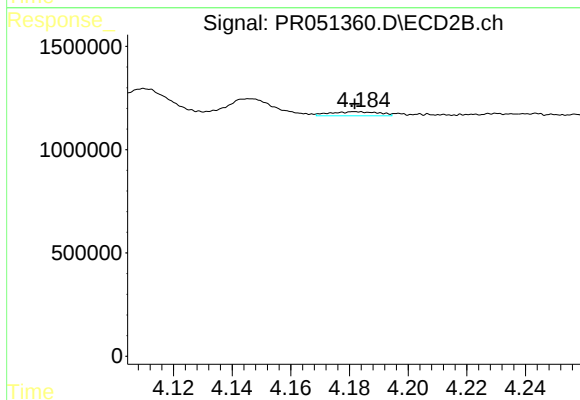
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 228328
Conc: 1.20 ng/ml



#11 AR-1232-1

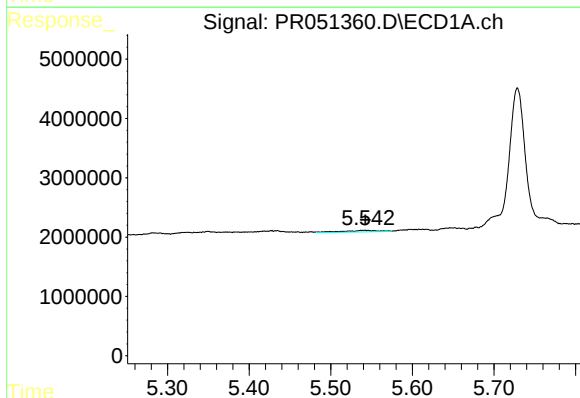
R.T.: 5.014 min
Delta R.T.: 0.005 min
Response: 752883
Conc: 4.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



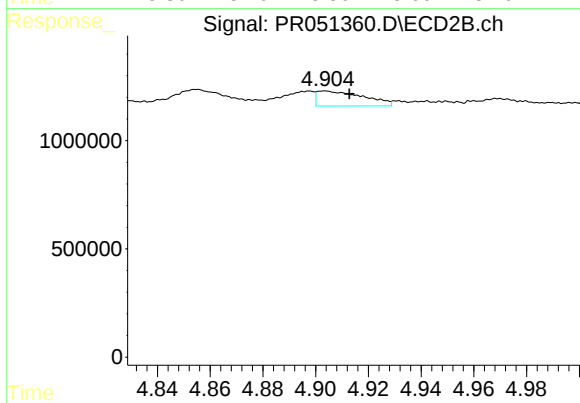
#11 AR-1232-1

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 228328
Conc: 1.41 ng/ml



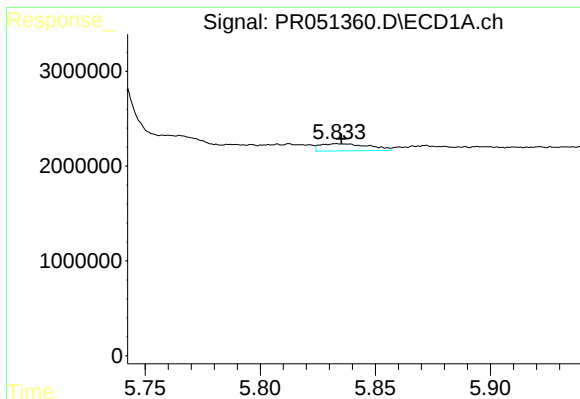
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: -0.001 min
Response: 797859
Conc: 8.21 ng/ml



#12 AR-1232-2

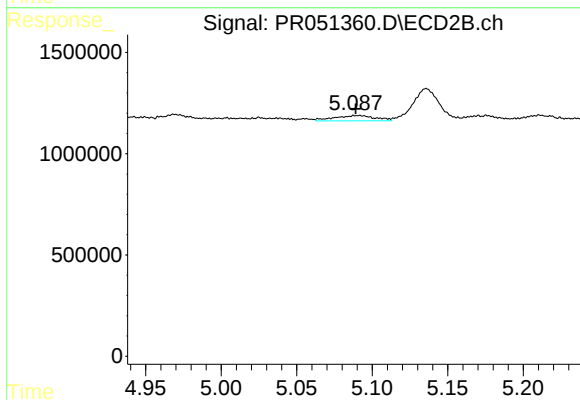
R.T.: 4.904 min
Delta R.T.: -0.009 min
Response: 847960
Conc: 5.06 ng/ml



#13 AR-1232-3

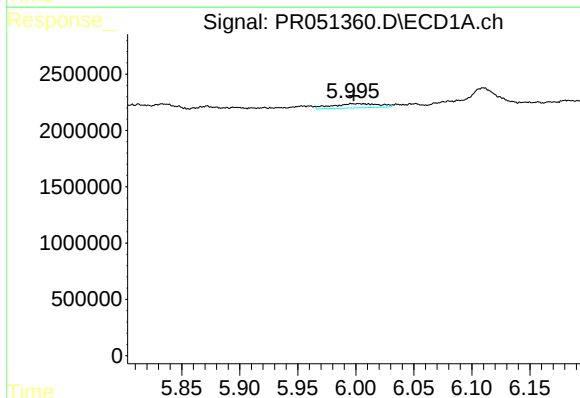
R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 1122508
Conc: 5.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



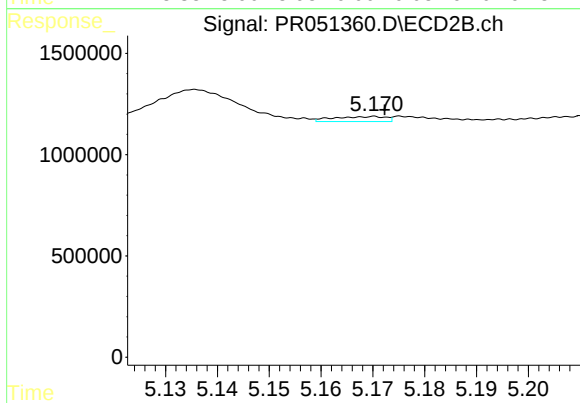
#13 AR-1232-3

R.T.: 5.092 min
Delta R.T.: 0.003 min
Response: 492676
Conc: 5.65 ng/ml



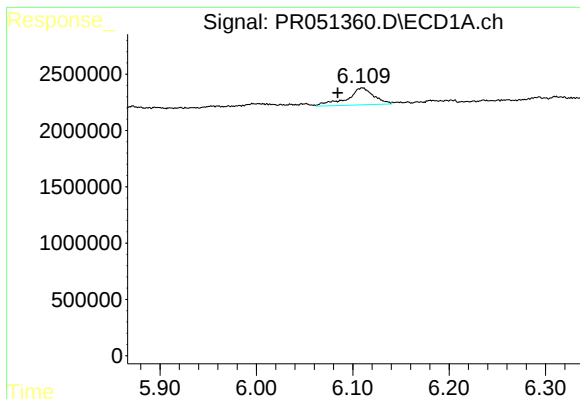
#14 AR-1232-4

R.T.: 5.996 min
Delta R.T.: -0.002 min
Response: 1042977
Conc: 10.10 ng/ml



#14 AR-1232-4

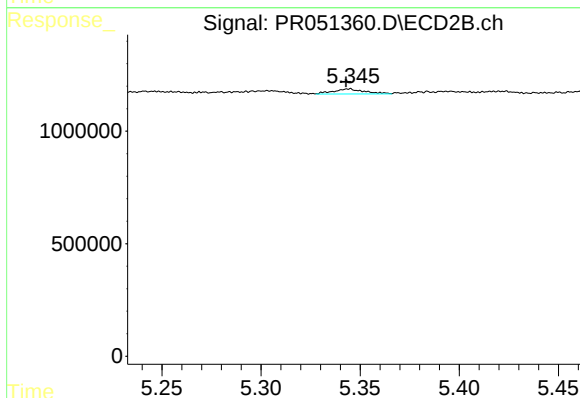
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 174769
Conc: 2.38 ng/ml



#15 AR-1232-5

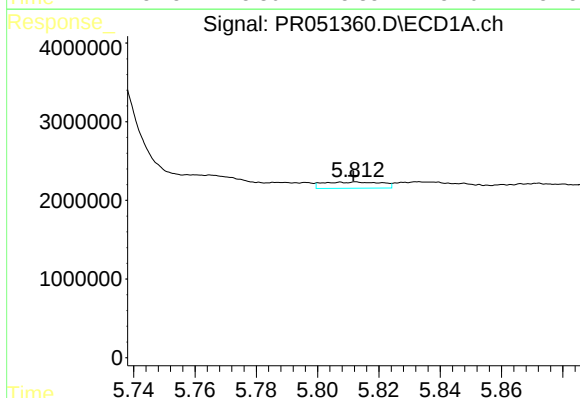
R.T.: 6.110 min
Delta R.T.: 0.026 min
Response: 2902267
Conc: 38.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



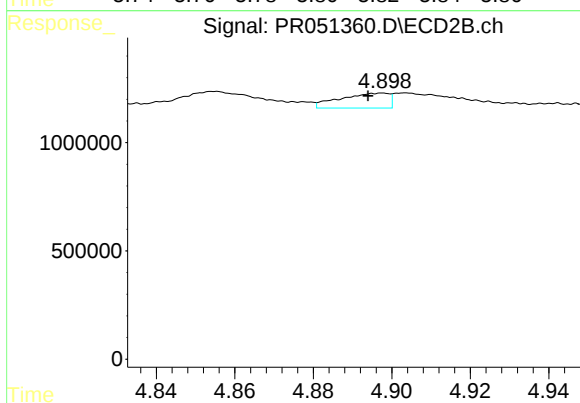
#15 AR-1232-5

R.T.: 5.345 min
Delta R.T.: 0.002 min
Response: 244414
Conc: 3.00 ng/ml



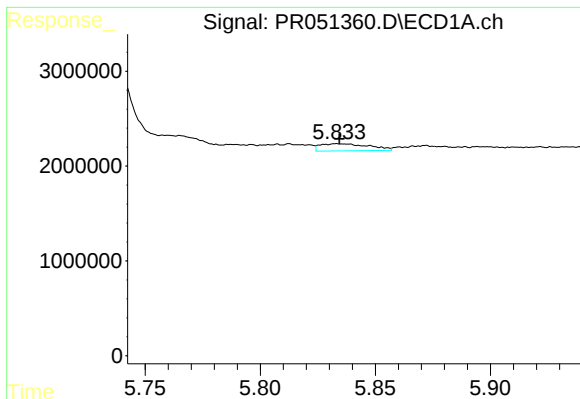
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.001 min
Response: 1048051
Conc: 4.09 ng/ml



#16 AR-1242-1

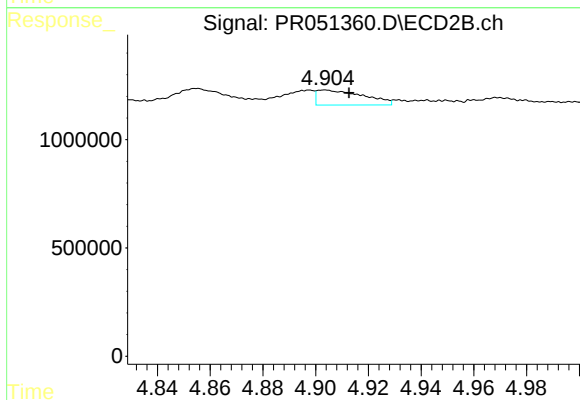
R.T.: 4.898 min
Delta R.T.: 0.004 min
Response: 591729
Conc: 2.86 ng/ml



#17 AR-1242-2

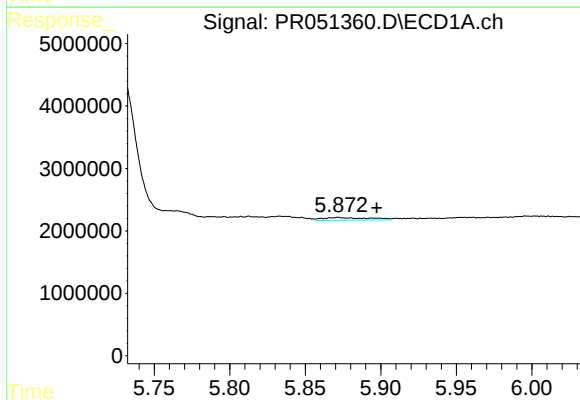
R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 1122508
Conc: 2.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



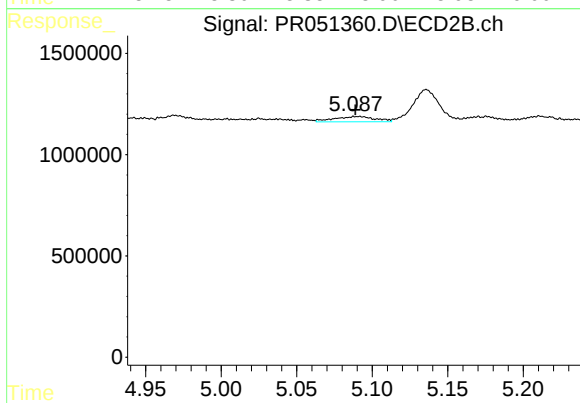
#17 AR-1242-2

R.T.: 4.904 min
Delta R.T.: -0.009 min
Response: 847960
Conc: 2.80 ng/ml



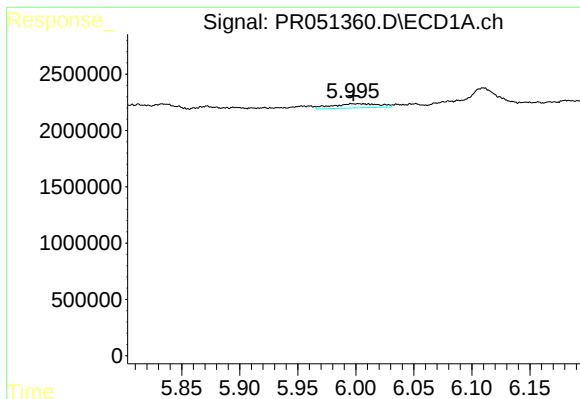
#18 AR-1242-3

R.T.: 5.872 min
Delta R.T.: -0.025 min
Response: 953707
Conc: 4.34 ng/ml



#18 AR-1242-3

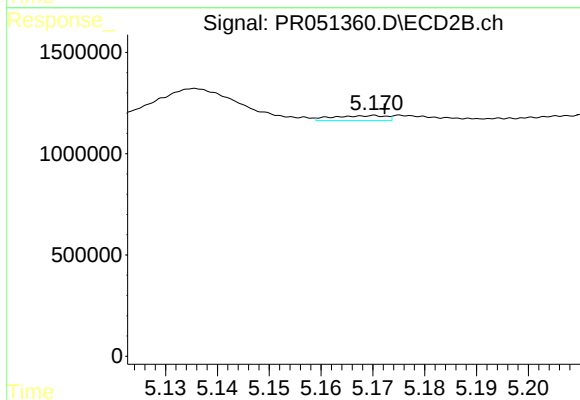
R.T.: 5.092 min
Delta R.T.: 0.003 min
Response: 492676
Conc: 3.09 ng/ml



#19 AR-1242-4

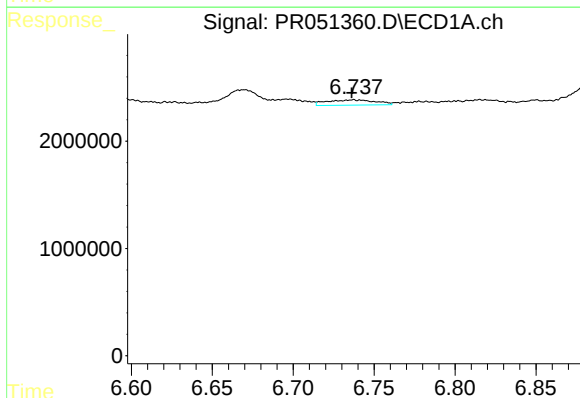
R.T.: 5.996 min
Delta R.T.: -0.001 min
Response: 1042977
Conc: 5.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



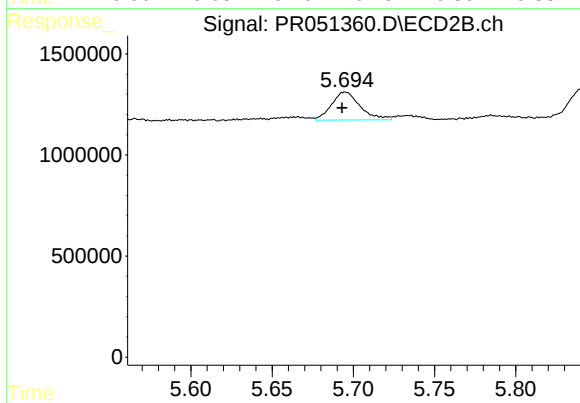
#19 AR-1242-4

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 174769
Conc: 1.18 ng/ml



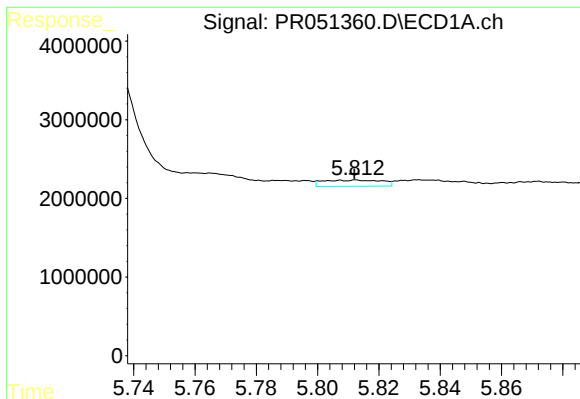
#20 AR-1242-5

R.T.: 6.737 min
Delta R.T.: 0.001 min
Response: 1042265
Conc: 4.76 ng/ml



#20 AR-1242-5

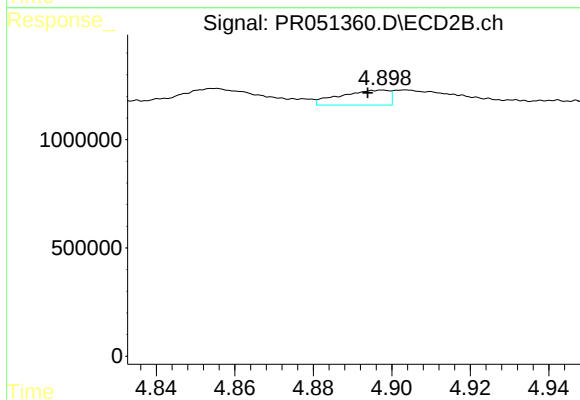
R.T.: 5.695 min
Delta R.T.: 0.002 min
Response: 1692115
Conc: 8.44 ng/ml



#21 AR-1248-1

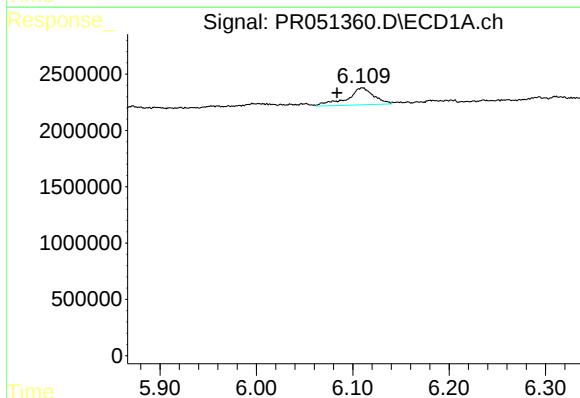
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 1048051
Conc: 4.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



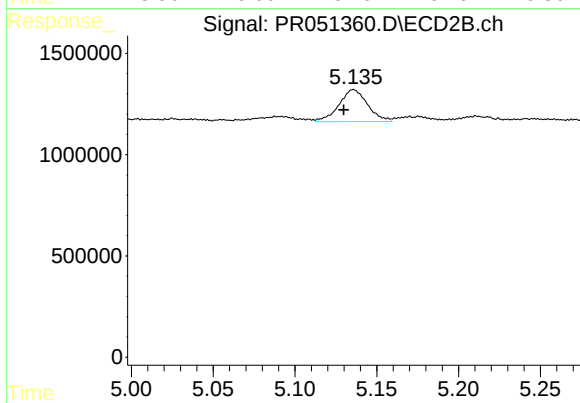
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.004 min
Response: 591729
Conc: 3.47 ng/ml



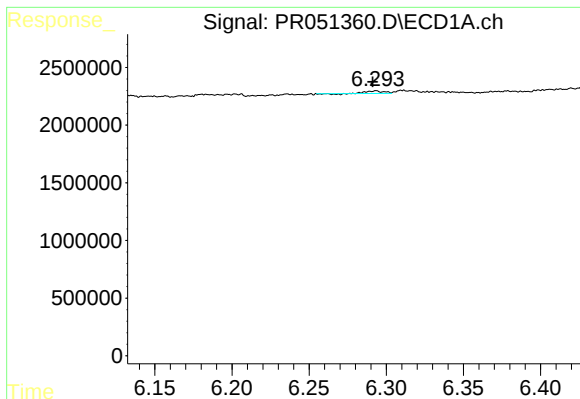
#22 AR-1248-2

R.T.: 6.110 min
Delta R.T.: 0.026 min
Response: 2902267
Conc: 9.91 ng/ml



#22 AR-1248-2

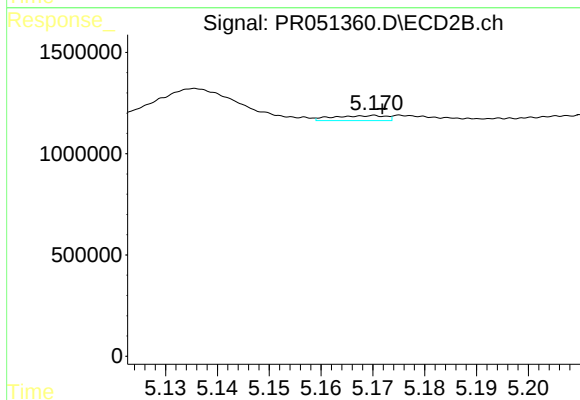
R.T.: 5.136 min
Delta R.T.: 0.006 min
Response: 1935968
Conc: 8.45 ng/ml



#23 AR-1248-3

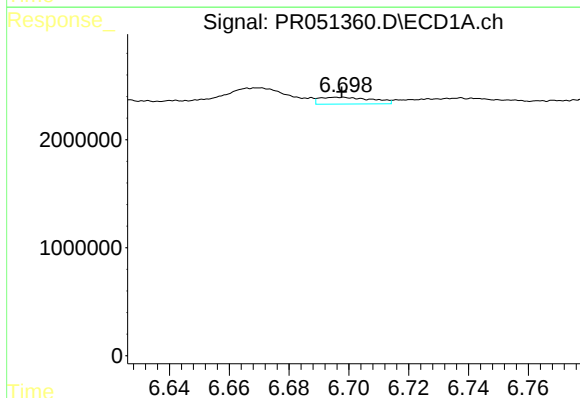
R.T.: 6.293 min
Delta R.T.: 0.002 min
Response: 148075
Conc: 0.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



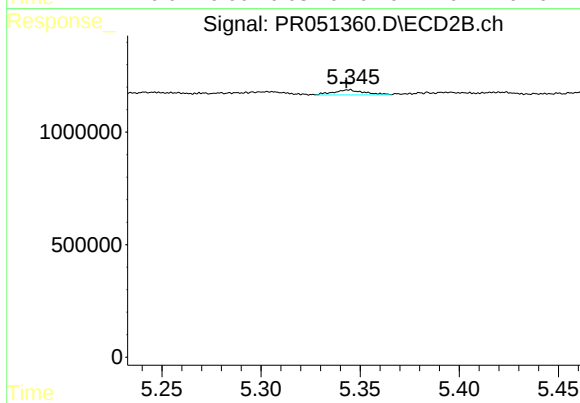
#23 AR-1248-3

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 174769
Conc: 0.73 ng/ml



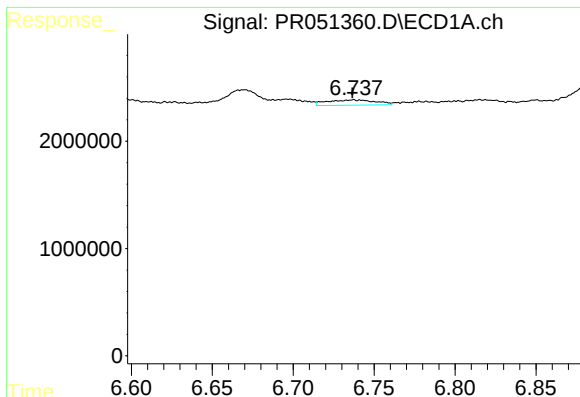
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: -0.001 min
Response: 770107
Conc: 1.85 ng/ml



#24 AR-1248-4

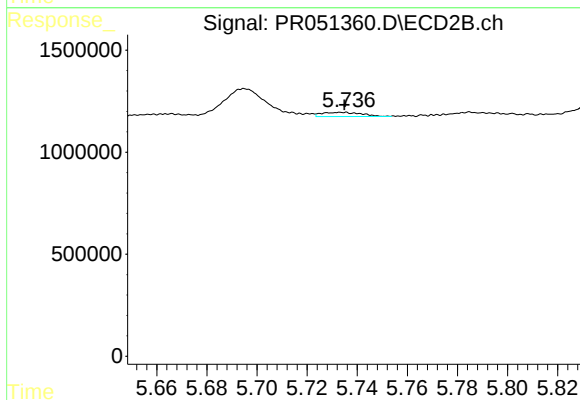
R.T.: 5.345 min
Delta R.T.: 0.002 min
Response: 244414
Conc: 0.85 ng/ml



#25 AR-1248-5

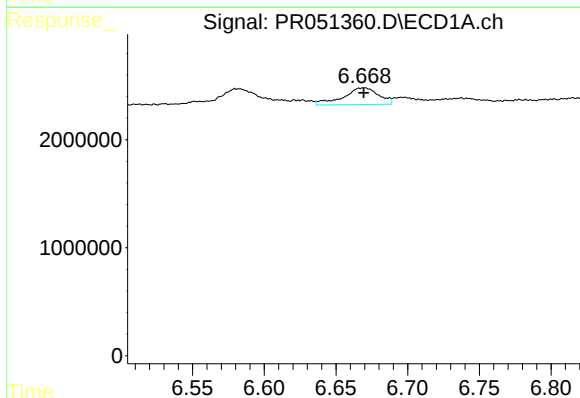
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 1042265
Conc: 2.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



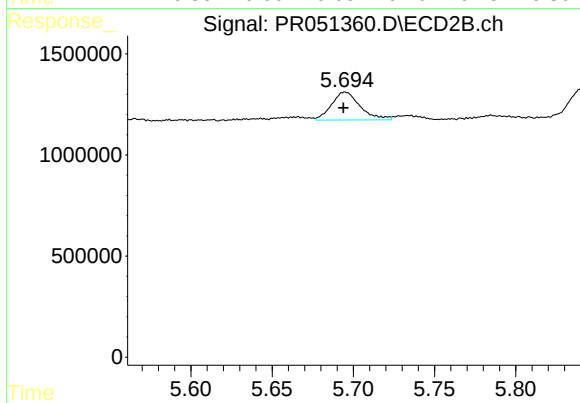
#25 AR-1248-5

R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 223966
Conc: 0.73 ng/ml



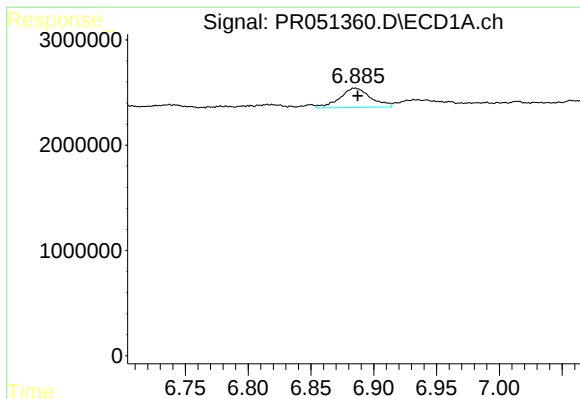
#26 AR-1254-1

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 2668585
Conc: 7.53 ng/ml



#26 AR-1254-1

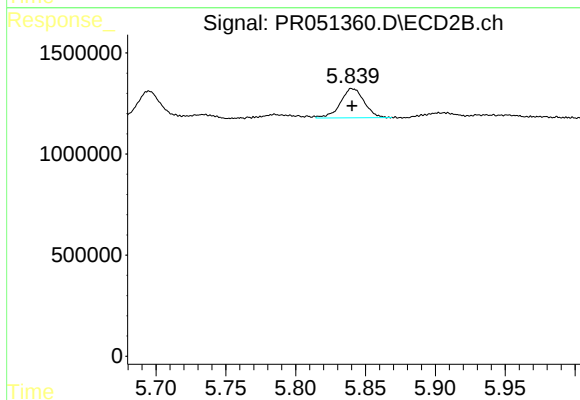
R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 1692115
Conc: 4.12 ng/ml



#27 AR-1254-2

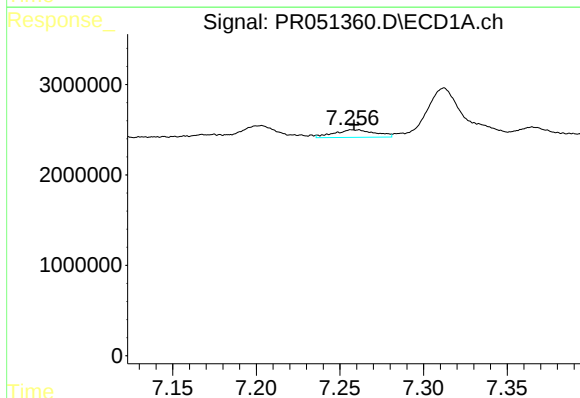
R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 3165860
Conc: 5.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



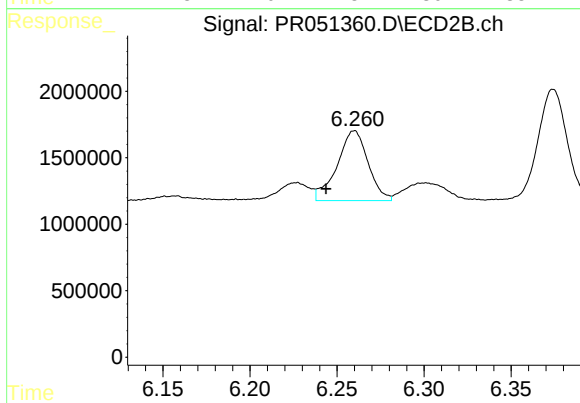
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 1709663
Conc: 4.91 ng/ml



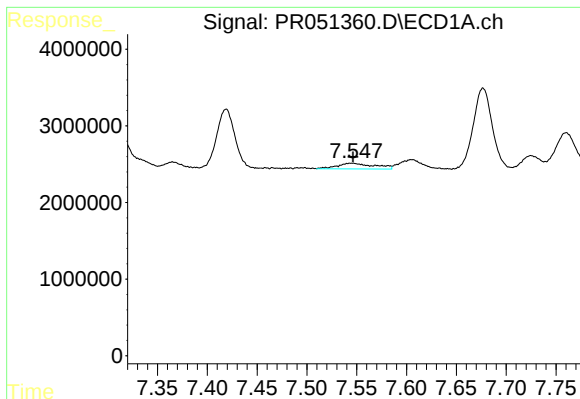
#28 AR-1254-3

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 1404598
Conc: 2.35 ng/ml



#28 AR-1254-3

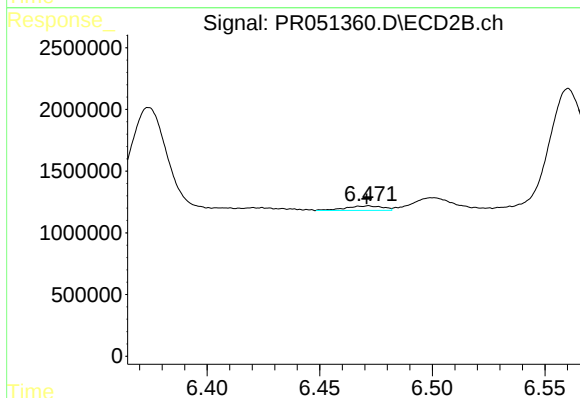
R.T.: 6.260 min
Delta R.T.: 0.016 min
Response: 6518815
Conc: 10.82 ng/ml



#29 AR-1254-4

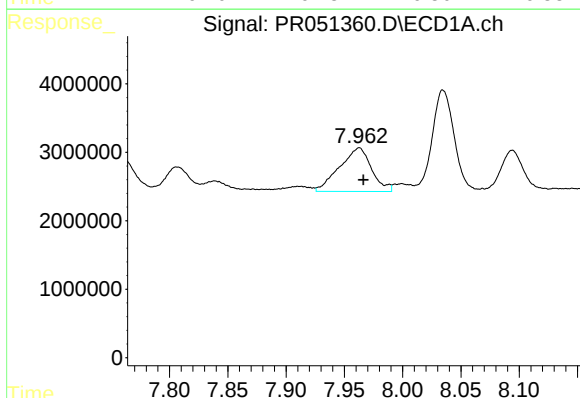
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 1924767
Conc: 3.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



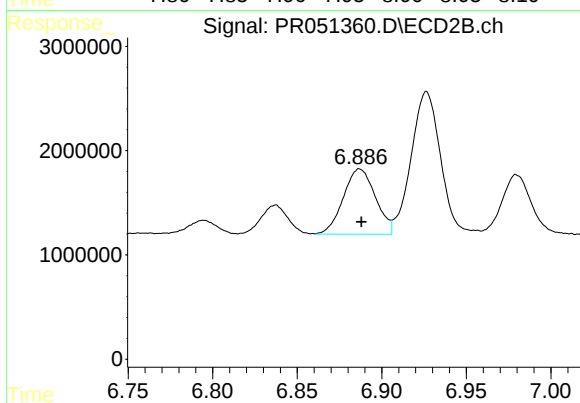
#29 AR-1254-4

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 409193
Conc: 1.09 ng/ml



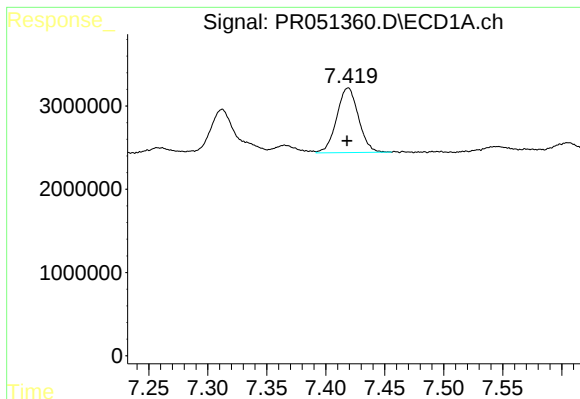
#30 AR-1254-5

R.T.: 7.963 min
Delta R.T.: -0.004 min
Response: 12159045
Conc: 25.66 ng/ml



#30 AR-1254-5

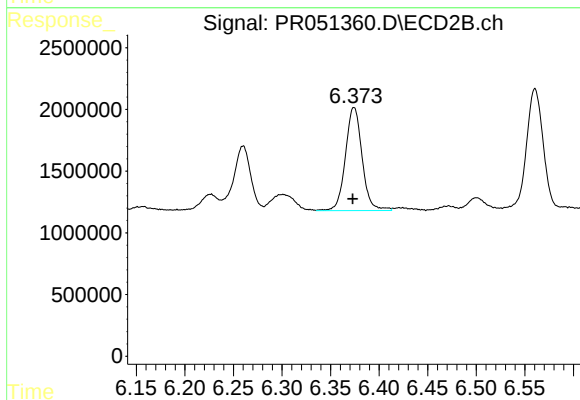
R.T.: 6.887 min
Delta R.T.: -0.001 min
Response: 8269069
Conc: 16.01 ng/ml



#31 AR-1260-1

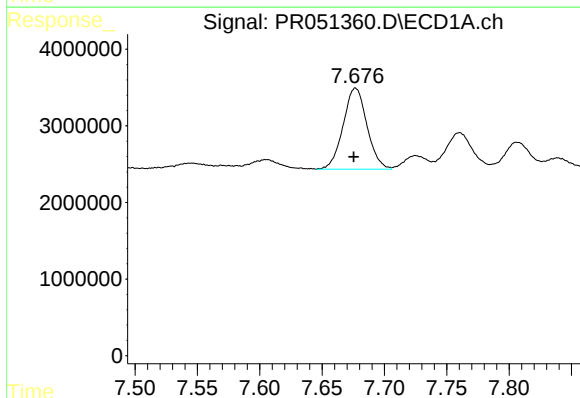
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 9963416
Conc: 20.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



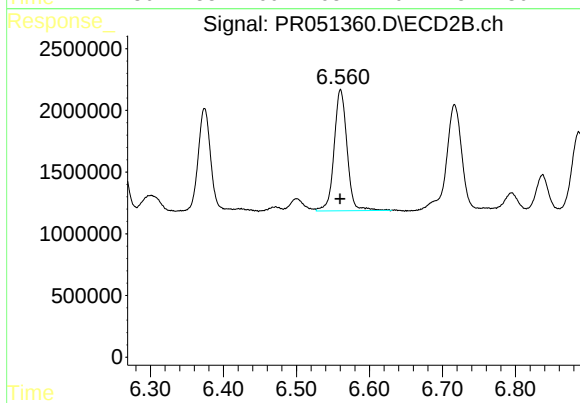
#31 AR-1260-1

R.T.: 6.374 min
Delta R.T.: 0.001 min
Response: 10011798
Conc: 24.29 ng/ml



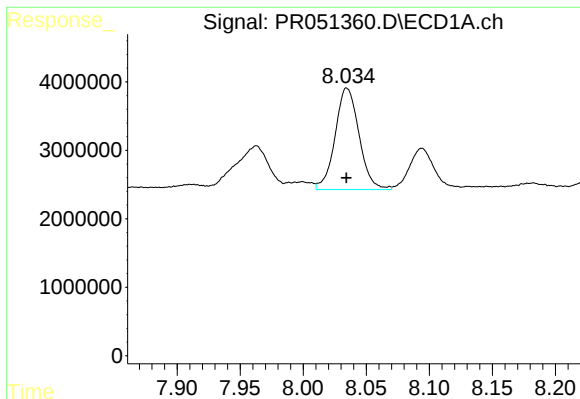
#32 AR-1260-2

R.T.: 7.677 min
Delta R.T.: 0.001 min
Response: 14107317
Conc: 22.34 ng/ml



#32 AR-1260-2

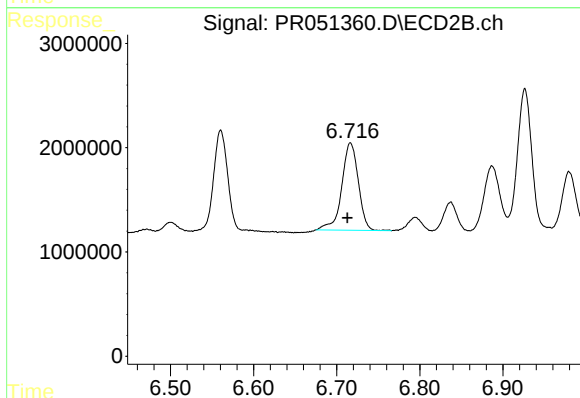
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 12061639
Conc: 23.86 ng/ml



#33 AR-1260-3

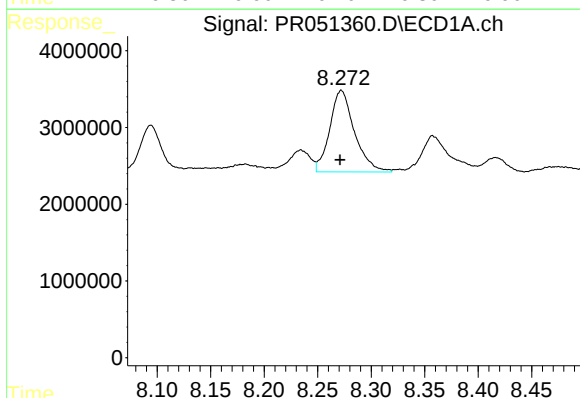
R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 19643063
Conc: 39.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



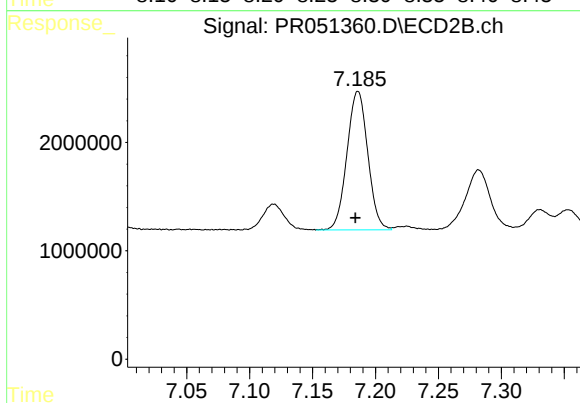
#33 AR-1260-3

R.T.: 6.717 min
Delta R.T.: 0.003 min
Response: 11621539
Conc: 23.73 ng/ml



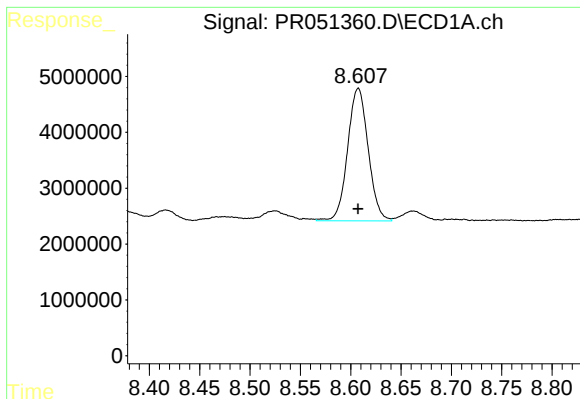
#34 AR-1260-4

R.T.: 8.272 min
Delta R.T.: 0.001 min
Response: 17087874
Conc: 33.37 ng/ml



#34 AR-1260-4

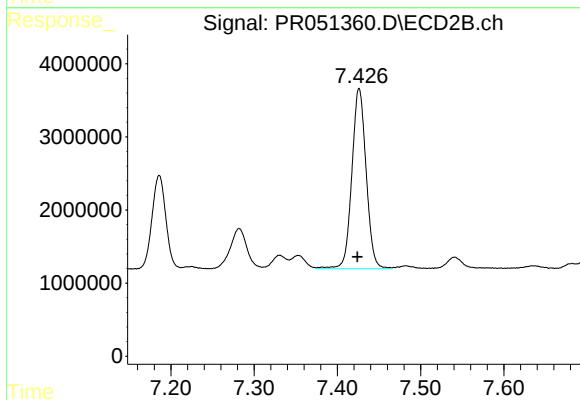
R.T.: 7.186 min
Delta R.T.: 0.002 min
Response: 14722256
Conc: 36.02 ng/ml



#35 AR-1260-5

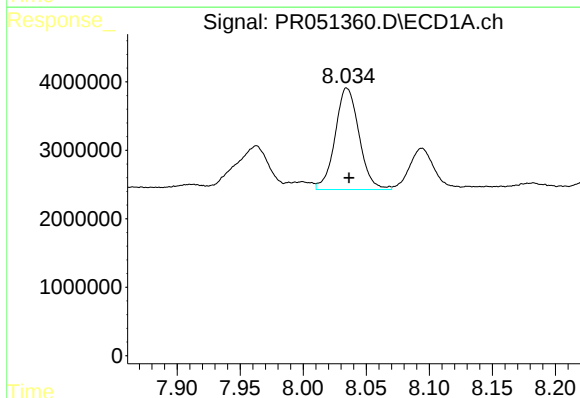
R.T.: 8.607 min
Delta R.T.: 0.000 min
Response: 33742084
Conc: 29.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



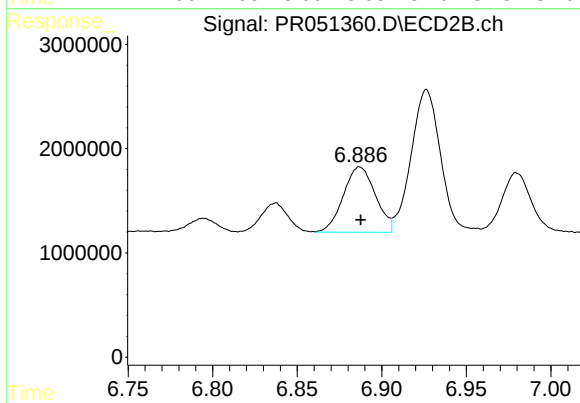
#35 AR-1260-5

R.T.: 7.426 min
Delta R.T.: 0.002 min
Response: 29442708
Conc: 28.09 ng/ml



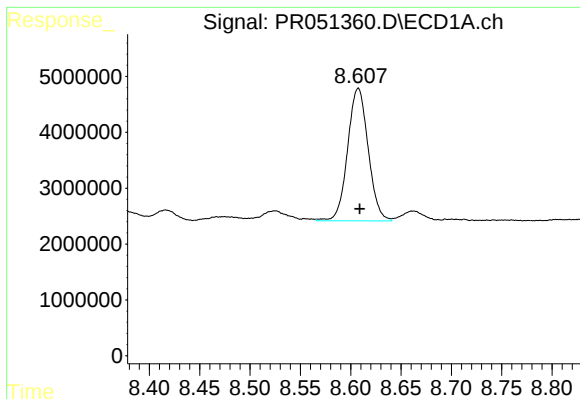
#36 AR-1262-1

R.T.: 8.035 min
Delta R.T.: -0.002 min
Response: 19643063
Conc: 29.92 ng/ml



#36 AR-1262-1

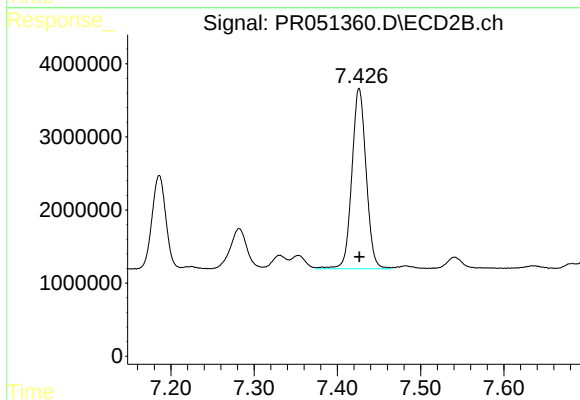
R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 8269069
Conc: 29.90 ng/ml



#37 AR-1262-2

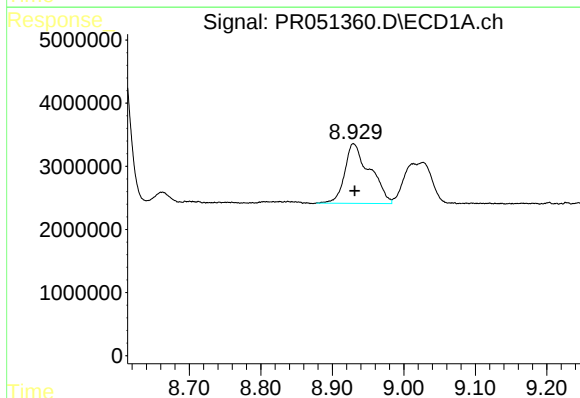
R.T.: 8.607 min
Delta R.T.: -0.001 min
Response: 33742084
Conc: 28.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



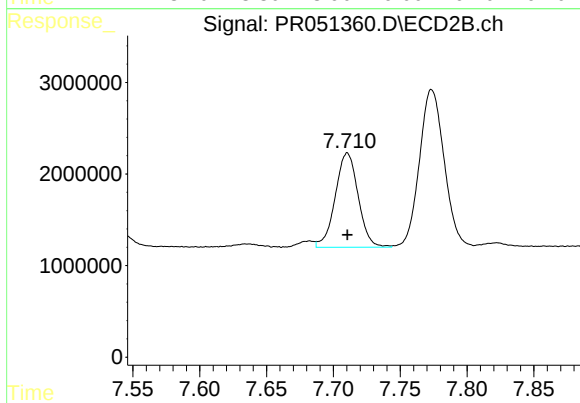
#37 AR-1262-2

R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 29442708
Conc: 28.99 ng/ml



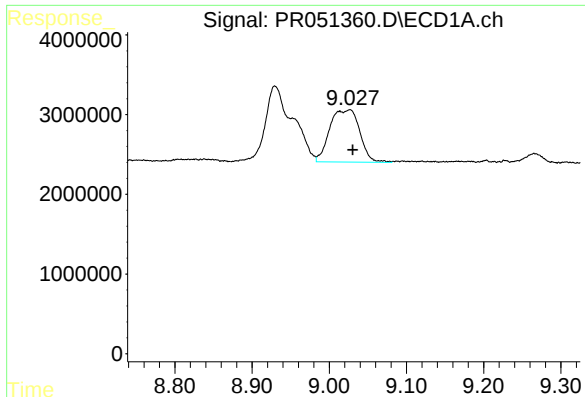
#38 AR-1262-3

R.T.: 8.930 min
Delta R.T.: -0.002 min
Response: 23178167
Conc: 30.40 ng/ml



#38 AR-1262-3

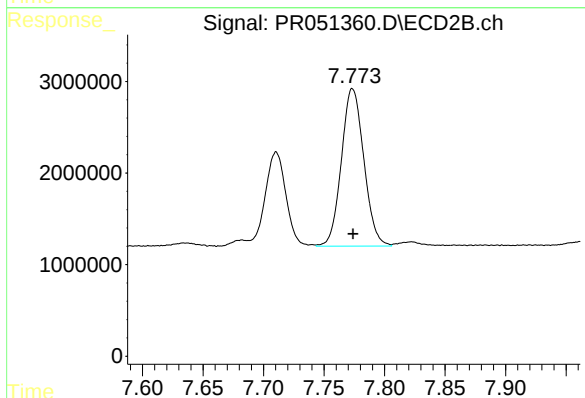
R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 12306228
Conc: 33.45 ng/ml



#39 AR-1262-4

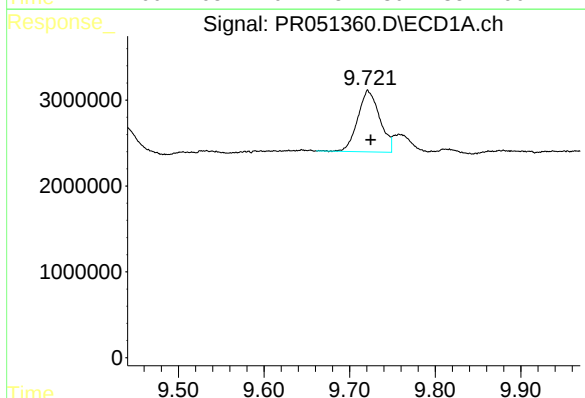
R.T.: 9.027 min
Delta R.T.: -0.003 min
Response: 17698686
Conc: 30.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



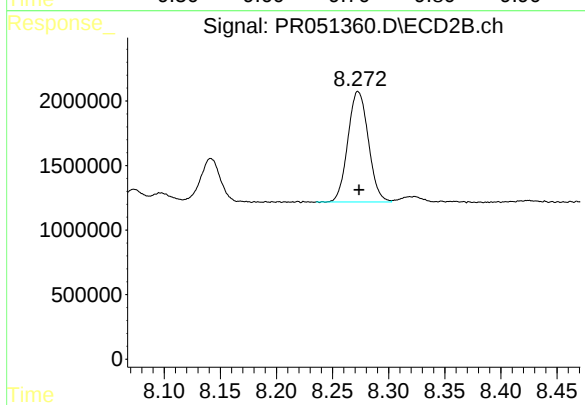
#39 AR-1262-4

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 22213064
Conc: 30.48 ng/ml



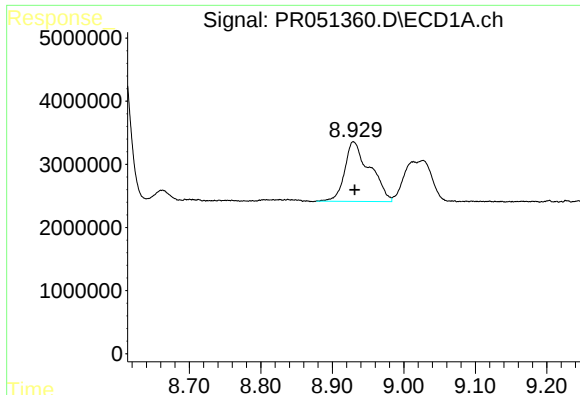
#40 AR-1262-5

R.T.: 9.721 min
Delta R.T.: -0.003 min
Response: 12713312
Conc: 30.24 ng/ml



#40 AR-1262-5

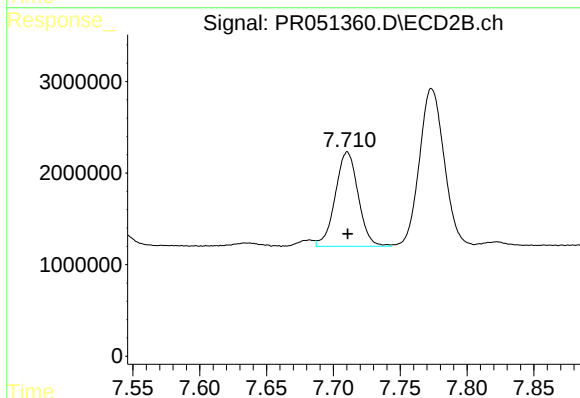
R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 10862686
Conc: 33.30 ng/ml



#41 AR-1268-1

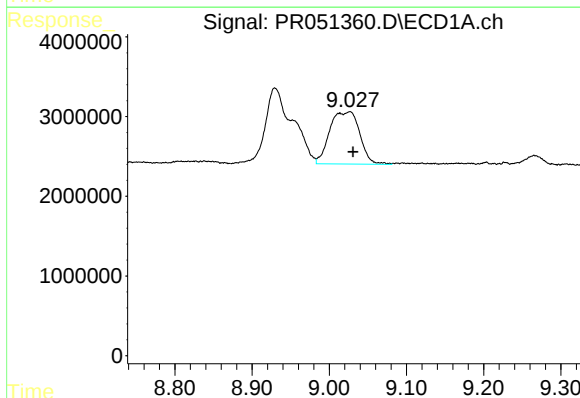
R.T.: 8.930 min
Delta R.T.: -0.002 min
Response: 23178167
Conc: 16.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



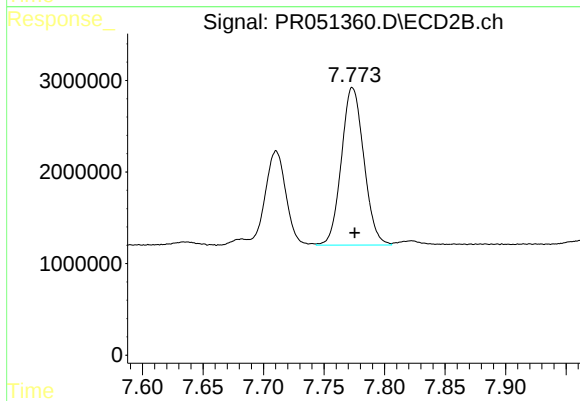
#41 AR-1268-1

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 12306228
Conc: 11.42 ng/ml



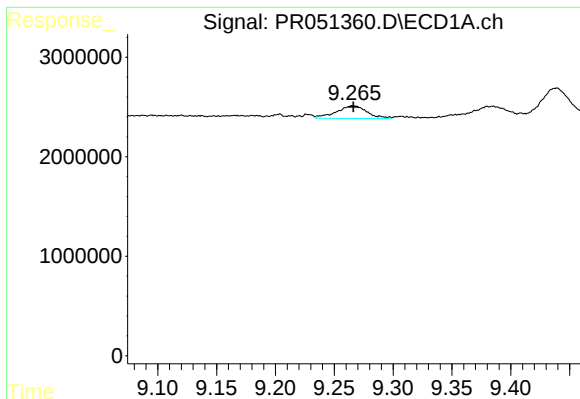
#42 AR-1268-2

R.T.: 9.027 min
Delta R.T.: -0.004 min
Response: 17698686
Conc: 13.86 ng/ml



#42 AR-1268-2

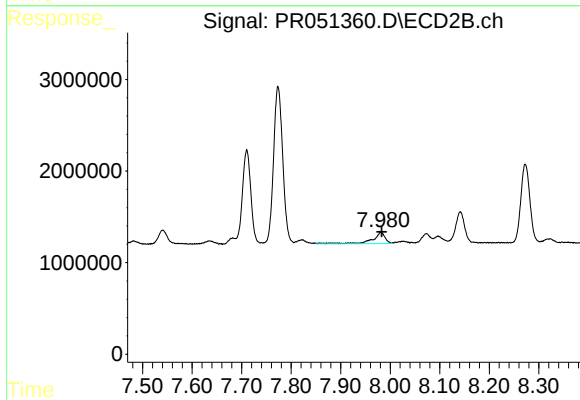
R.T.: 7.774 min
Delta R.T.: -0.002 min
Response: 22213064
Conc: 22.31 ng/ml



#43 AR-1268-3

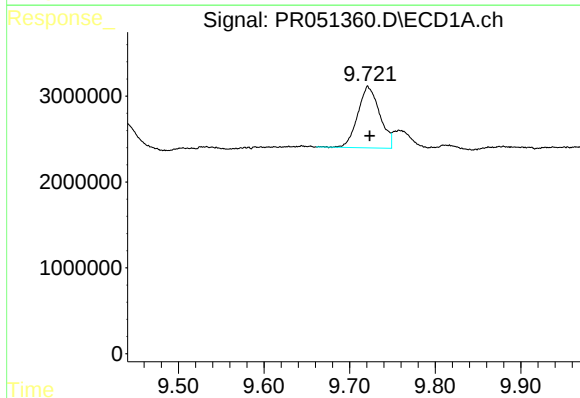
R.T.: 9.266 min
Delta R.T.: 0.000 min
Response: 2305428
Conc: 2.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



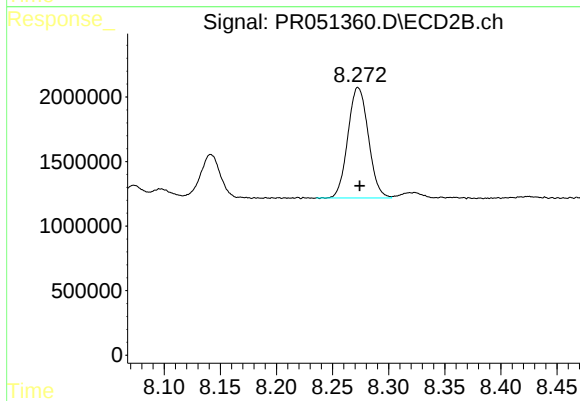
#43 AR-1268-3

R.T.: 7.981 min
Delta R.T.: -0.002 min
Response: 2188777
Conc: 2.66 ng/ml



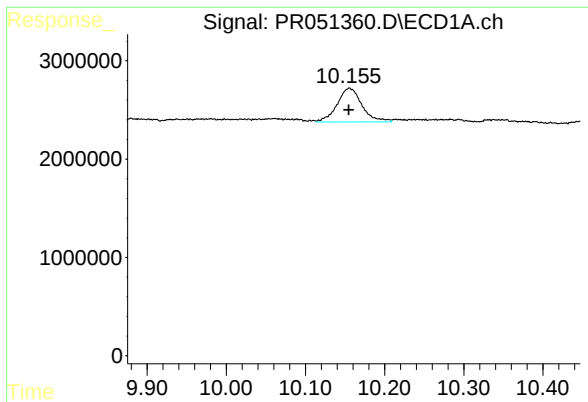
#44 AR-1268-4

R.T.: 9.721 min
Delta R.T.: -0.002 min
Response: 12713312
Conc: 28.03 ng/ml



#44 AR-1268-4

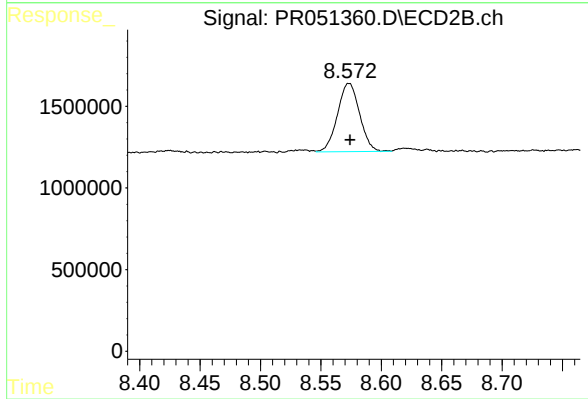
R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 10862686
Conc: 30.60 ng/ml



#45 AR-1268-5

R.T.: 10.156 min
Delta R.T.: 0.001 min
Response: 7499316
Conc: 2.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 5313532
Conc: 1.91 ng/ml