

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 04:06
 Operator : YP\AJ
 Sample : 01627-08
 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:08:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 2023
 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...	3.689	2.905	71211761	103.2E6	23.835	23.838
2)	SA Decachlor...	9.658	8.138	62539000	91607484	27.265	25.967
Target Compounds							
3)	L1 AR-1016-1	4.920	4.018	390446	308965	4.253	2.187 #
4)	L1 AR-1016-2	4.946	4.039	365500	659938	2.807	3.224
5)	L1 AR-1016-3	5.018	4.211	247286	212897	2.969	1.995 #
6)	L1 AR-1016-4	5.114	4.262	259472	265901	3.951	3.084
7)	L1 AR-1016-5	5.433	4.479	150940	517851	2.292	4.625 #
8)	L2 AR-1221-1	0.000	3.115f	0	316032	N.D.	8.333 #
9)	L2 AR-1221-2	4.004	3.207	973152	1452846	43.234	51.495
10)	L2 AR-1221-3	4.080	3.291	255568	228928	3.809	2.590 #
11)	L3 AR-1232-1	4.080	3.291	255568	228928	3.674	2.474 #
12)	L3 AR-1232-2	4.633	4.039	230280	659938	7.079	7.487
13)	L3 AR-1232-3	4.946	4.211	365500	212897	6.245	4.765
14)	L3 AR-1232-4	5.114	4.297	259472	310238	8.758	7.724
15)	L3 AR-1232-5	5.217	4.479	243529	517851	10.837	11.331
16)	L4 AR-1242-1	4.920	4.018	390446	308965	5.345	2.795 #
17)	L4 AR-1242-2	4.946	4.039	365500	659938	3.573	4.085
18)	L4 AR-1242-3	5.018	4.211	247286	212897	3.765	2.554 #
19)	L4 AR-1242-4	5.114	4.297	259472	310238	4.967	3.849
20)	L4 AR-1242-5	5.911	4.845	188102	2067925	3.506	20.612 #
21)	L5 AR-1248-1	4.920	4.018	390446	308965	7.031	3.721 #
22)	L5 AR-1248-2	5.217	4.262	243529	265901	3.288	2.193 #
23)	L5 AR-1248-3	5.433	4.297	150940	310238	1.765	2.540 #
24)	L5 AR-1248-4	0.000	4.479	0	517851	N.D.	3.470 #
25)	L5 AR-1248-5	5.911	4.887	188102	316917	2.101	2.290
26)	L6 AR-1254-1	5.839	4.845	1403081	2067925	15.069	9.111 #
27)	L6 AR-1254-2	6.077	5.004	1598427	1971332	11.310	10.113
28)	L6 AR-1254-3	6.472	5.443f	682276	7656919	4.645	24.638 #
29)	L6 AR-1254-4	6.787	5.671	434765	453561	4.100	2.514 #
30)	L6 AR-1254-5	7.242	6.112	6750039	9138486	56.740	33.217 #
31)	L7 AR-1260-1	6.654	5.563	6538941	11040720	53.844	48.053
32)	L7 AR-1260-2	6.938	5.768	7635537	12605742	54.836	46.625
33)	L7 AR-1260-3	7.331	5.926	10691922	12814709	100.325	49.868 #
34)	L7 AR-1260-4	7.575	6.429	10056162	16325746	81.916	76.684
35)	L7 AR-1260-5	7.915	6.695	17001290	30416295	74.604	63.083
36)	L8 AR-1262-1	7.331	6.156	10691922	18411599	76.406	63.640
37)	L8 AR-1262-2	7.915	6.429	17001290	16325746	71.528	63.510
38)	L8 AR-1262-3	8.227	6.998	12750131	12259962	74.626	63.052
39)	L8 AR-1262-4	8.313	7.066	9812392	22551286	74.030	61.796
40)	L8 AR-1262-5	8.948	7.603	7102152	9940901	74.897	62.917
41)	L9 AR-1268-1	8.227	6.998	12750131	12259962	41.599	19.810 #

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 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 54 Sample Multiplier: 1

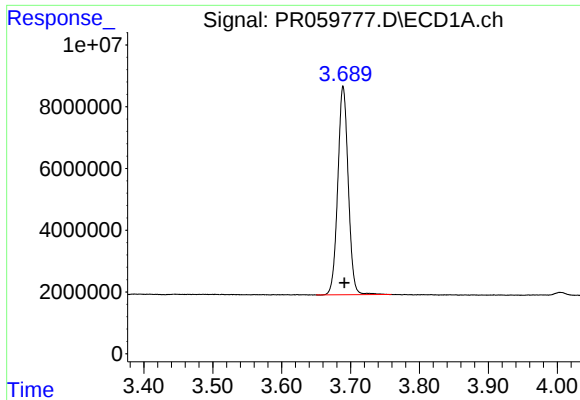
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:08:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.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
42) L9	AR-1268-2	8.313	7.066	9812392	22551286	35.264	40.679
43) L9	AR-1268-3	8.535	7.287	735629	999436	2.947	2.064 #
44) L9	AR-1268-4	8.948	7.603	7102152	9940901	64.674	54.916
45) L9	AR-1268-5	9.338	7.897	2913845	4101217	3.669	2.785

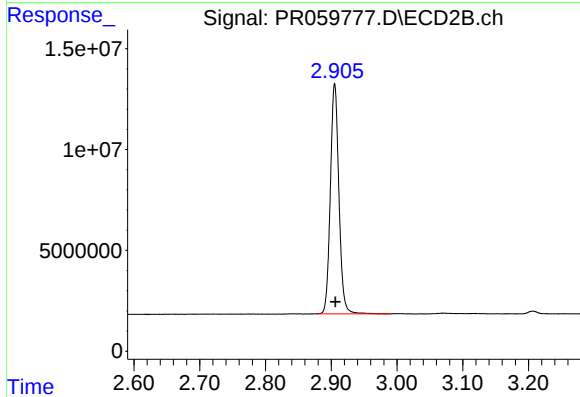
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

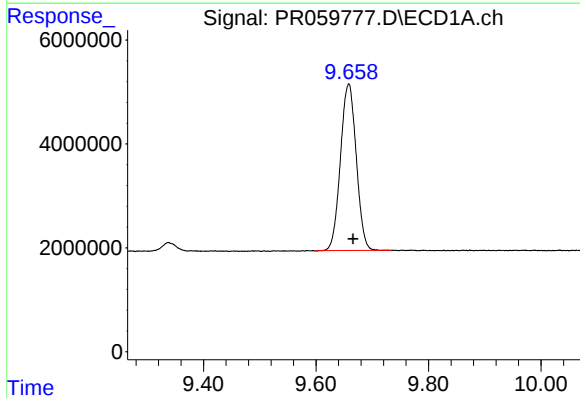
R.T.: 3.689 min
Delta R.T.: -0.002 min
Response: 71211761
Conc: 23.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



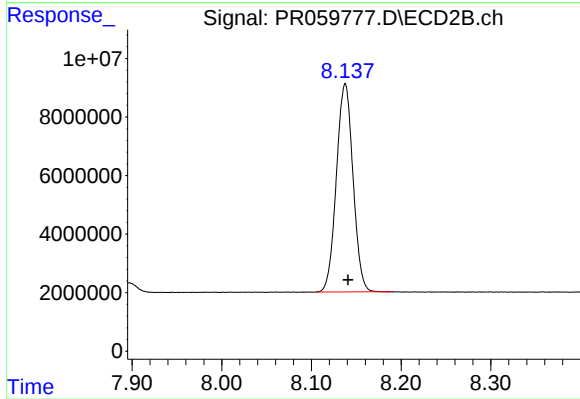
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: -0.001 min
Response: 103181910
Conc: 23.84 ng/ml



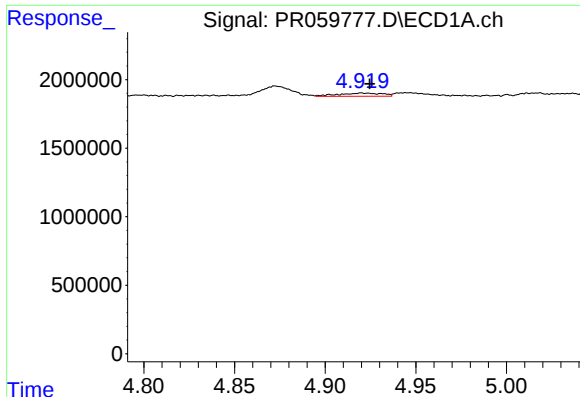
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.007 min
Response: 62539000
Conc: 27.27 ng/ml



#2 Decachlorobiphenyl

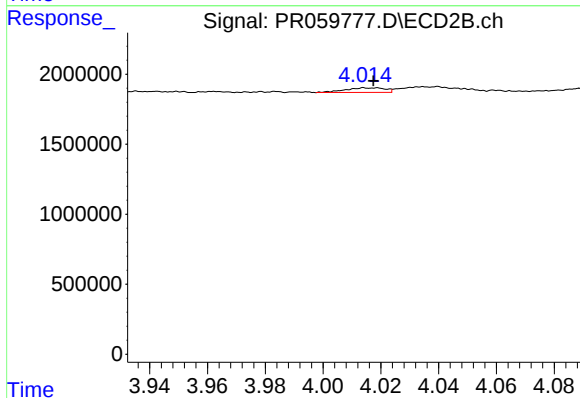
R.T.: 8.138 min
Delta R.T.: -0.003 min
Response: 91607484
Conc: 25.97 ng/ml



#3 AR-1016-1

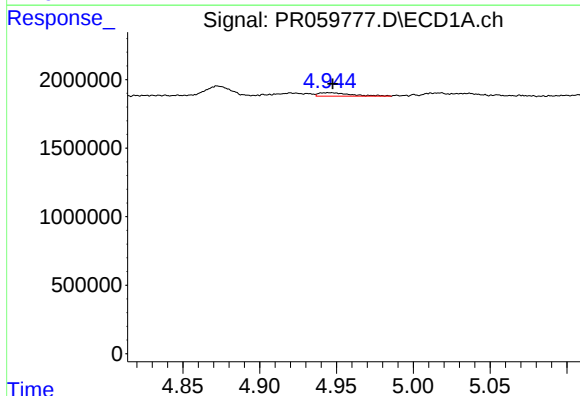
R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 390446
Conc: 4.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



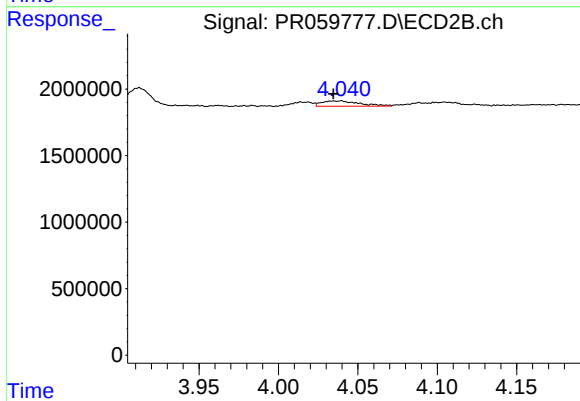
#3 AR-1016-1

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 308965
Conc: 2.19 ng/ml



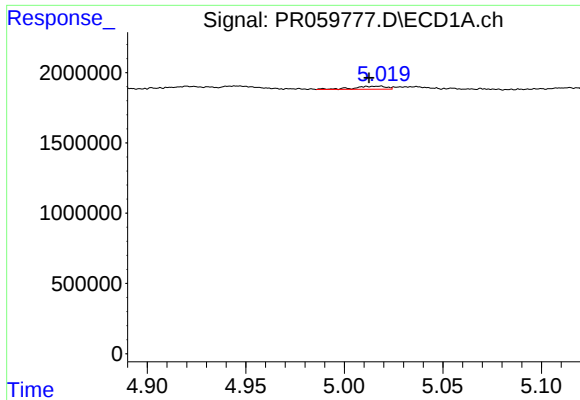
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.002 min
Response: 365500
Conc: 2.81 ng/ml



#4 AR-1016-2

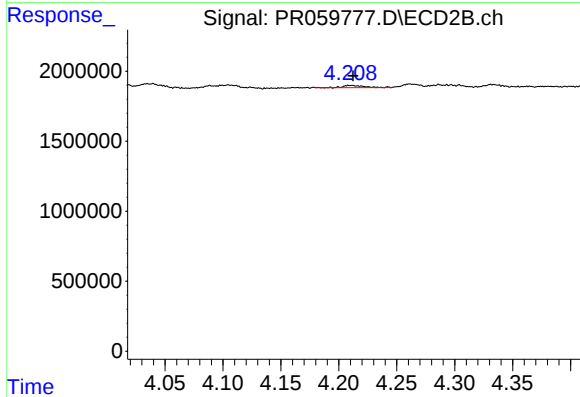
R.T.: 4.039 min
Delta R.T.: 0.005 min
Response: 659938
Conc: 3.22 ng/ml



#5 AR-1016-3

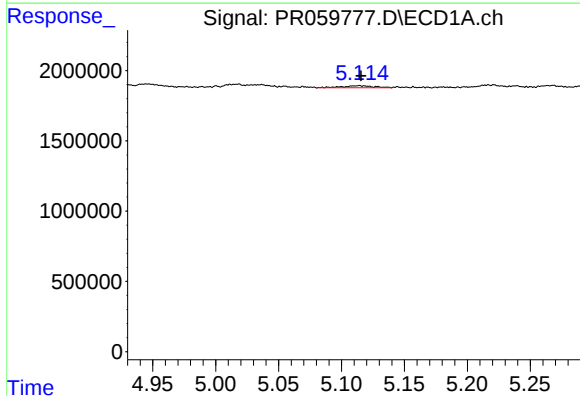
R.T.: 5.018 min
Delta R.T.: 0.005 min
Response: 247286
Conc: 2.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



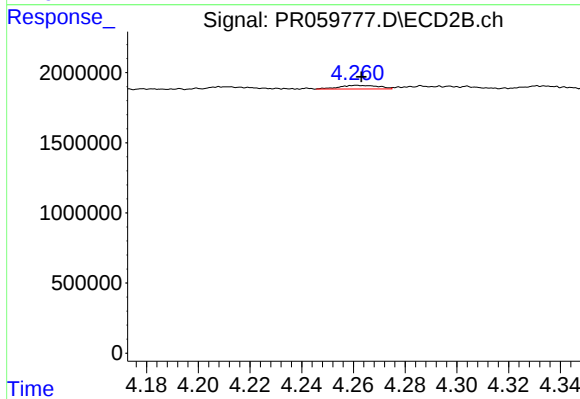
#5 AR-1016-3

R.T.: 4.211 min
Delta R.T.: -0.002 min
Response: 212897
Conc: 1.99 ng/ml



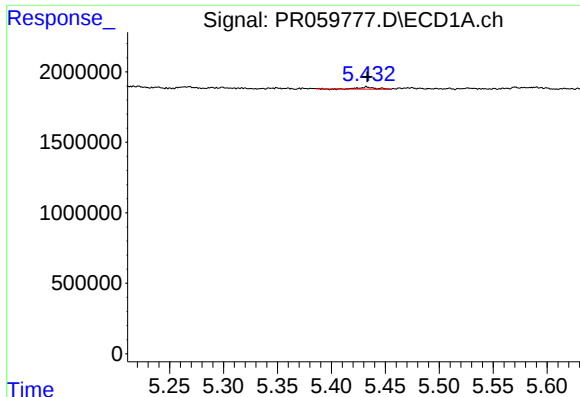
#6 AR-1016-4

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 259472
Conc: 3.95 ng/ml



#6 AR-1016-4

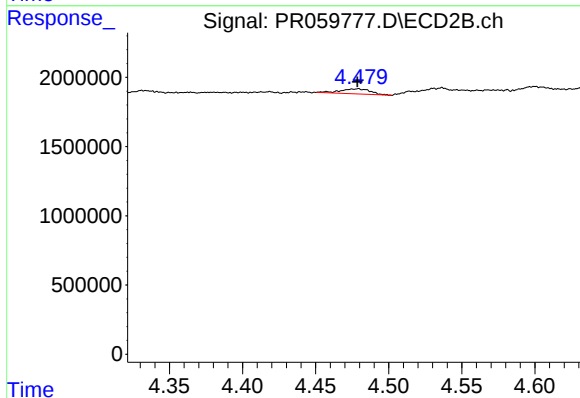
R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 265901
Conc: 3.08 ng/ml



#7 AR-1016-5

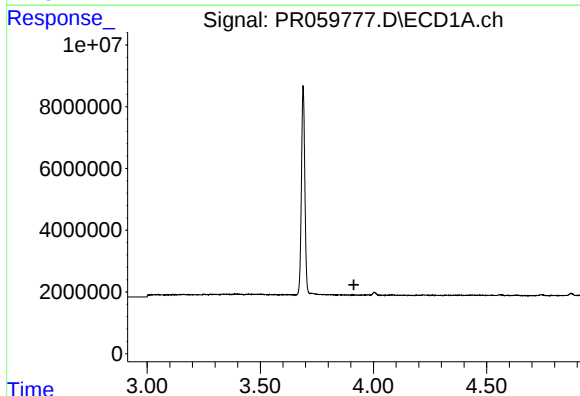
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 150940
Conc: 2.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



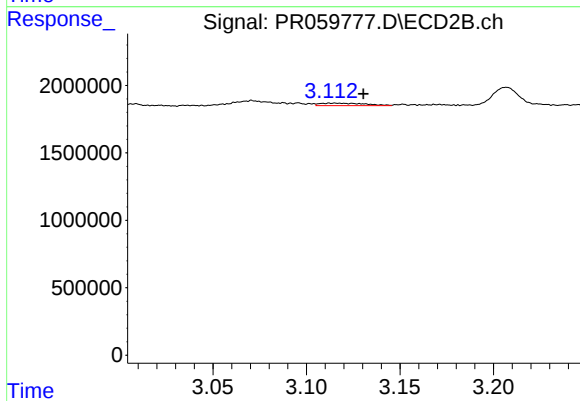
#7 AR-1016-5

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 517851
Conc: 4.63 ng/ml



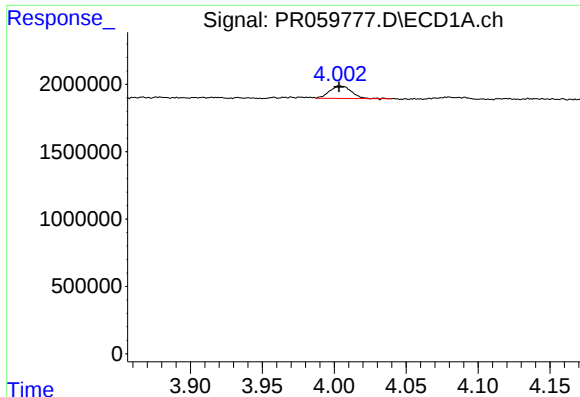
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.913 min
Response: 0
Conc: N.D.



#8 AR-1221-1

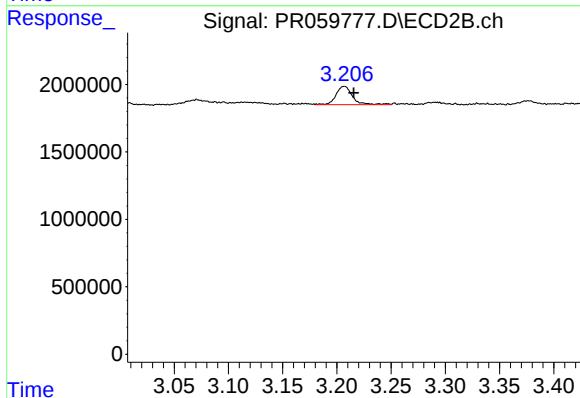
R.T.: 3.115 min
Delta R.T.: -0.015 min
Response: 316032
Conc: 8.33 ng/ml



#9 AR-1221-2

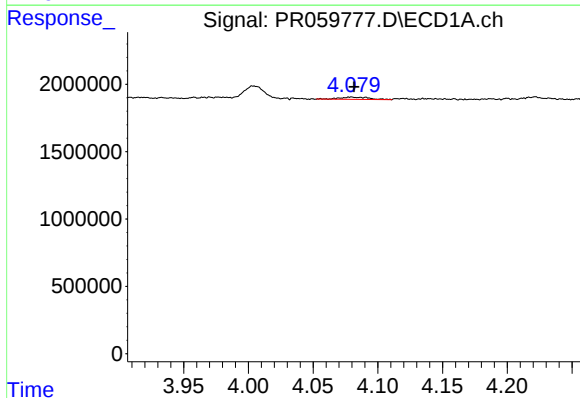
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 973152
Conc: 43.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



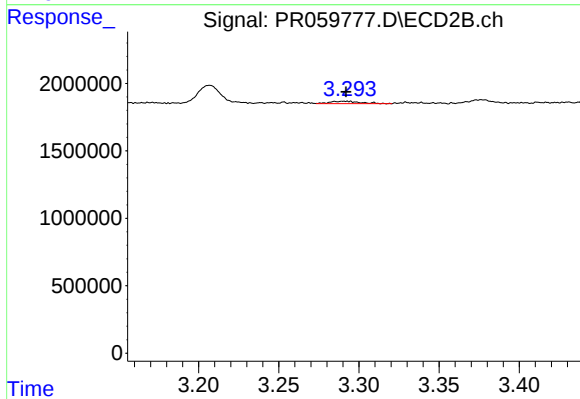
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 1452846
Conc: 51.50 ng/ml



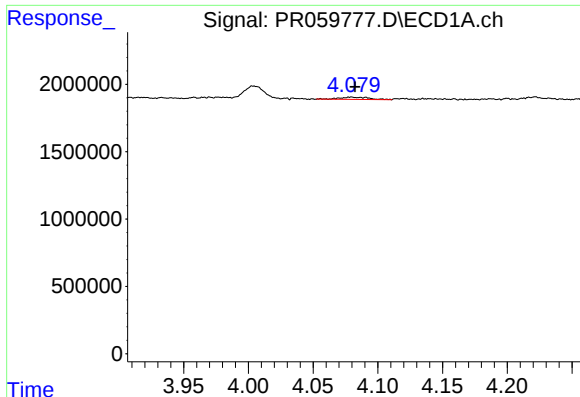
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 255568
Conc: 3.81 ng/ml



#10 AR-1221-3

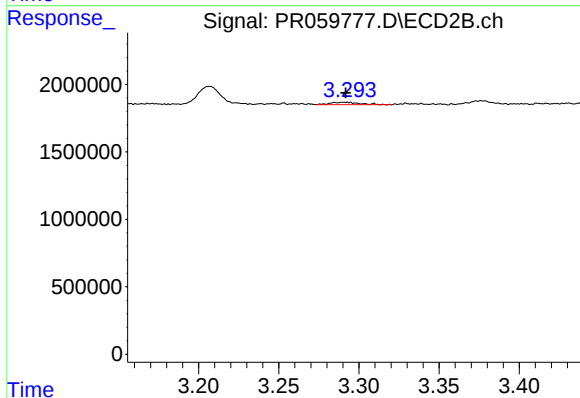
R.T.: 3.291 min
Delta R.T.: -0.001 min
Response: 228928
Conc: 2.59 ng/ml



#11 AR-1232-1

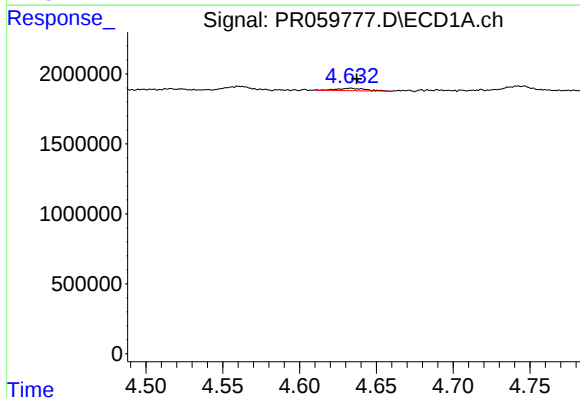
R.T.: 4.080 min
Delta R.T.: -0.003 min
Response: 255568
Conc: 3.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



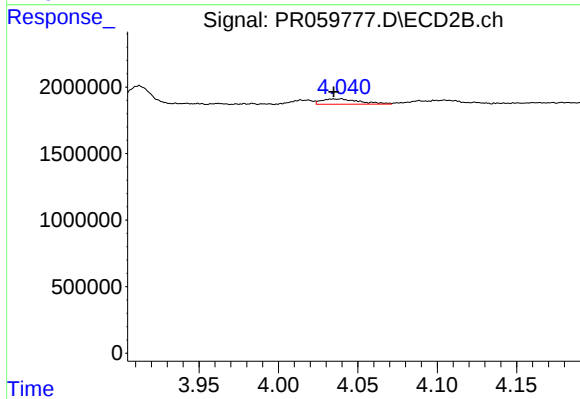
#11 AR-1232-1

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 228928
Conc: 2.47 ng/ml



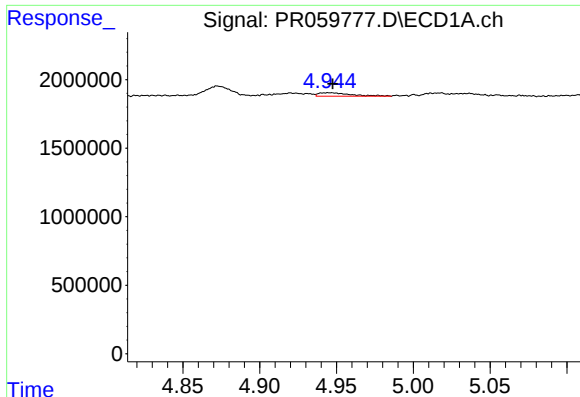
#12 AR-1232-2

R.T.: 4.633 min
Delta R.T.: -0.004 min
Response: 230280
Conc: 7.08 ng/ml



#12 AR-1232-2

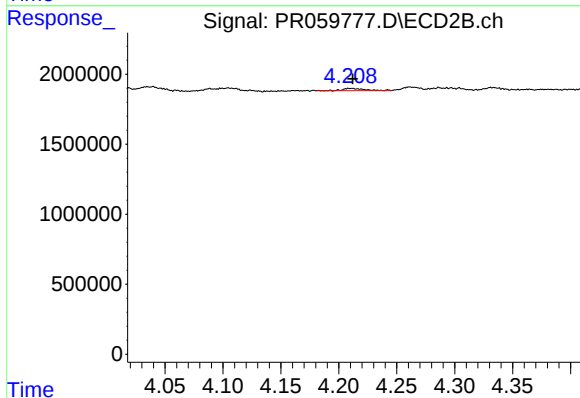
R.T.: 4.039 min
Delta R.T.: 0.004 min
Response: 659938
Conc: 7.49 ng/ml



#13 AR-1232-3

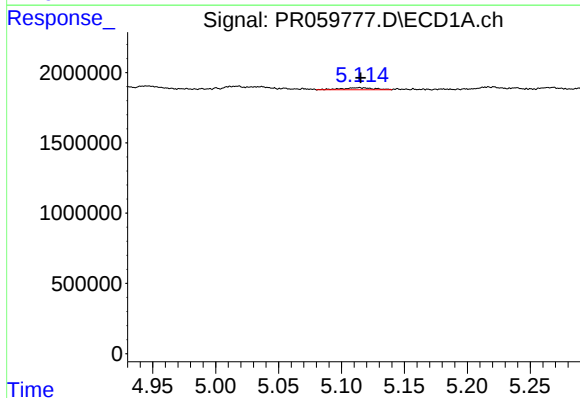
R.T.: 4.946 min
Delta R.T.: -0.002 min
Response: 365500
Conc: 6.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



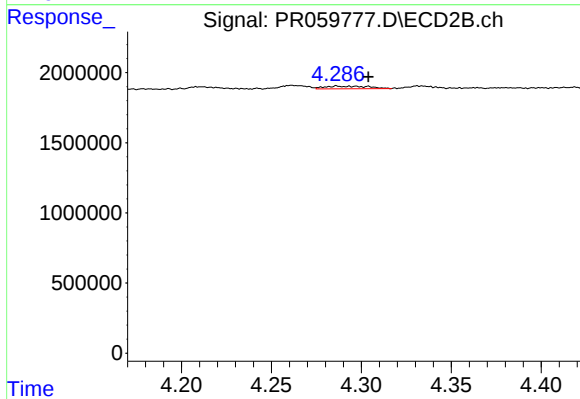
#13 AR-1232-3

R.T.: 4.211 min
Delta R.T.: -0.002 min
Response: 212897
Conc: 4.77 ng/ml



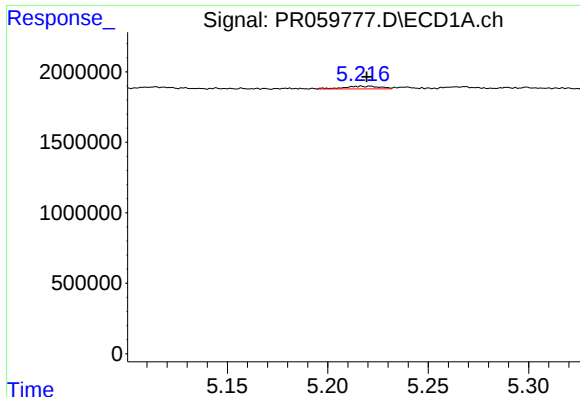
#14 AR-1232-4

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 259472
Conc: 8.76 ng/ml



#14 AR-1232-4

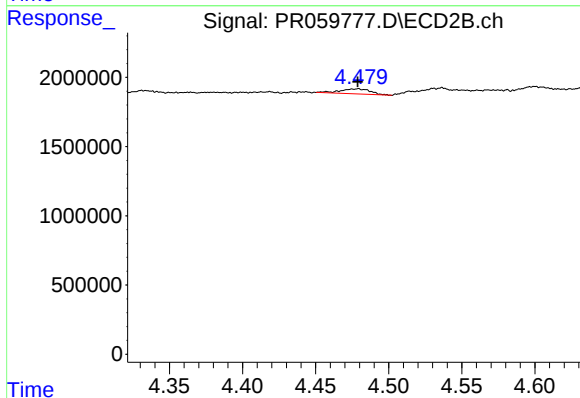
R.T.: 4.297 min
Delta R.T.: -0.007 min
Response: 310238
Conc: 7.72 ng/ml



#15 AR-1232-5

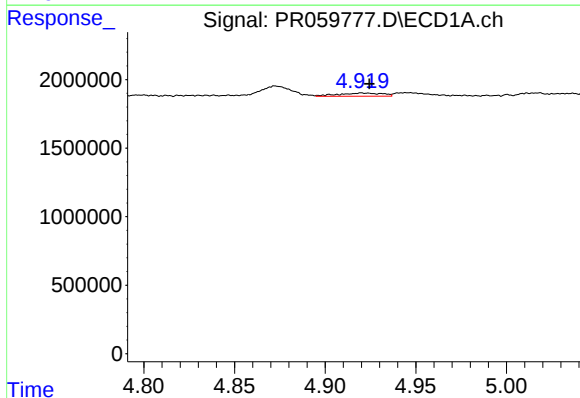
R.T.: 5.217 min
Delta R.T.: -0.003 min
Response: 243529
Conc: 10.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



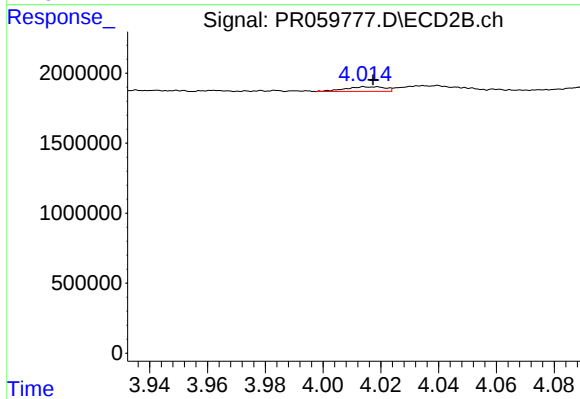
#15 AR-1232-5

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 517851
Conc: 11.33 ng/ml



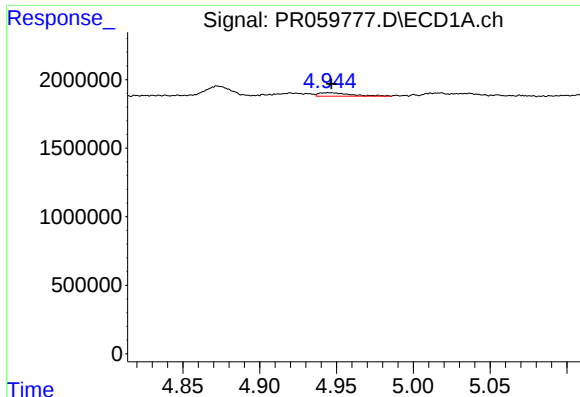
#16 AR-1242-1

R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 390446
Conc: 5.34 ng/ml



#16 AR-1242-1

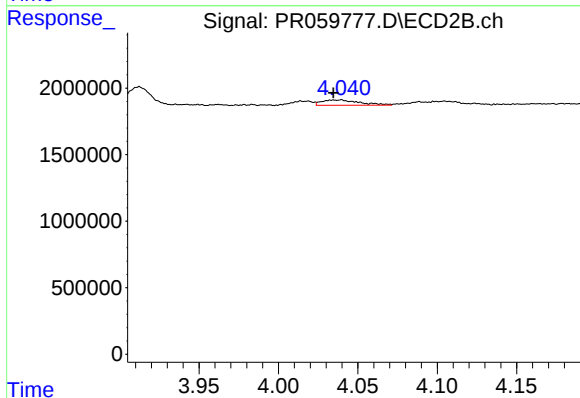
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 308965
Conc: 2.79 ng/ml



#17 AR-1242-2

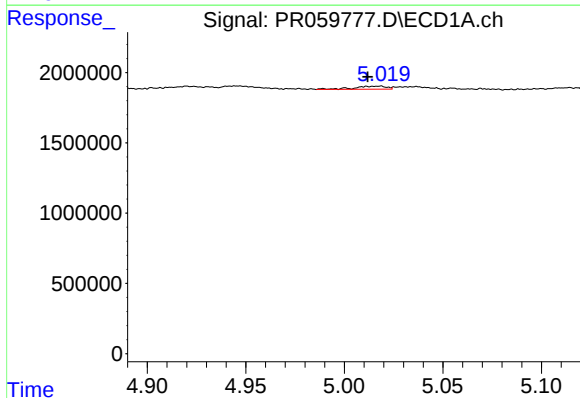
R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 365500
Conc: 3.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



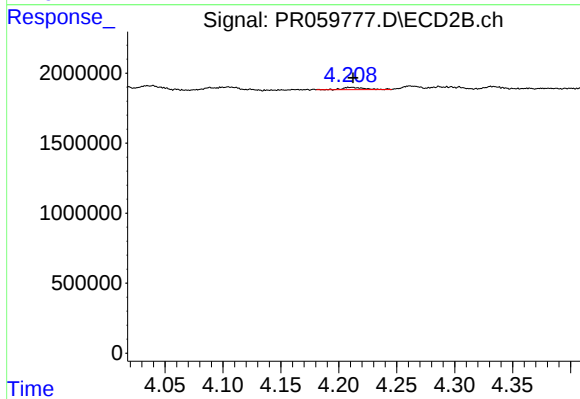
#17 AR-1242-2

R.T.: 4.039 min
Delta R.T.: 0.005 min
Response: 659938
Conc: 4.09 ng/ml



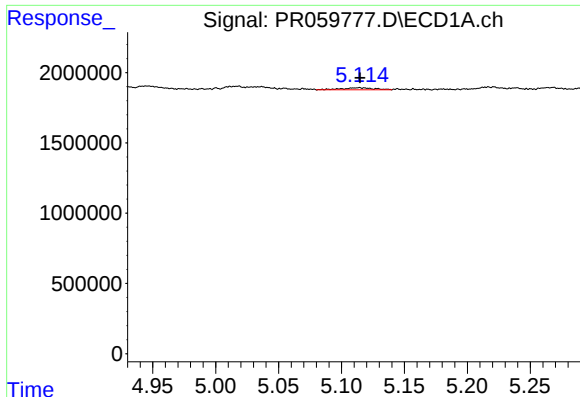
#18 AR-1242-3

R.T.: 5.018 min
Delta R.T.: 0.006 min
Response: 247286
Conc: 3.76 ng/ml



#18 AR-1242-3

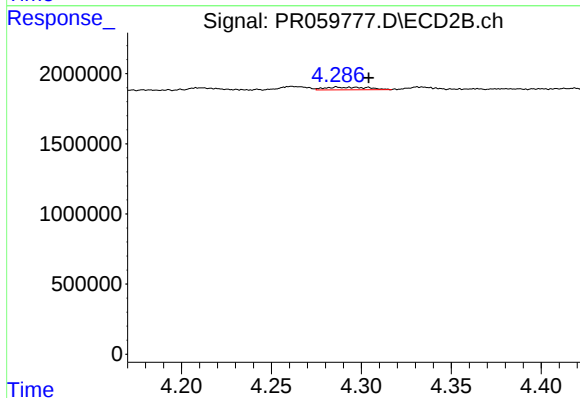
R.T.: 4.211 min
Delta R.T.: -0.002 min
Response: 212897
Conc: 2.55 ng/ml



#19 AR-1242-4

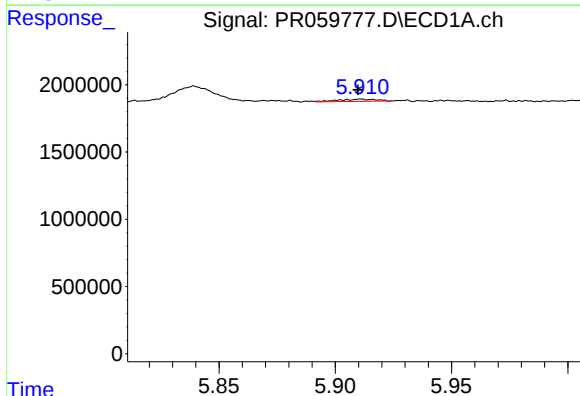
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 259472
Conc: 4.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



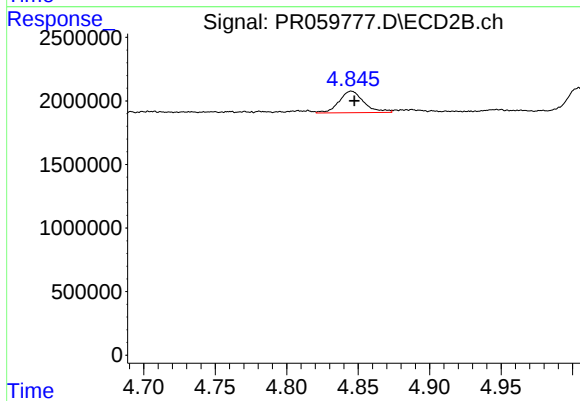
#19 AR-1242-4

R.T.: 4.297 min
Delta R.T.: -0.007 min
Response: 310238
Conc: 3.85 ng/ml



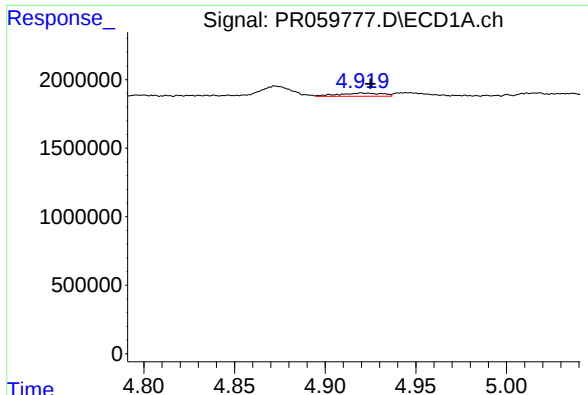
#20 AR-1242-5

R.T.: 5.911 min
Delta R.T.: 0.001 min
Response: 188102
Conc: 3.51 ng/ml



#20 AR-1242-5

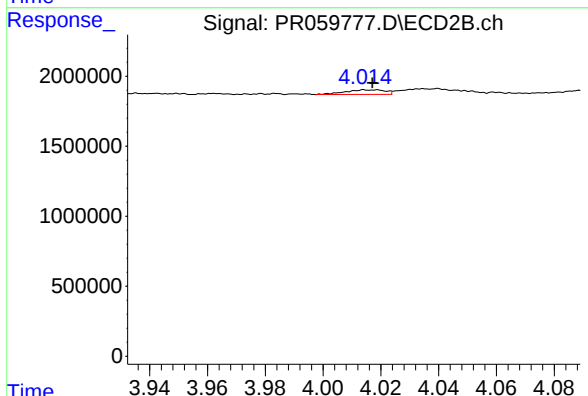
R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 2067925
Conc: 20.61 ng/ml



#21 AR-1248-1

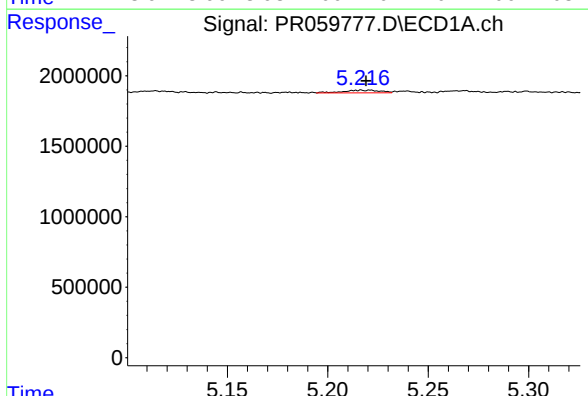
R.T.: 4.920 min
Delta R.T.: -0.005 min
Response: 390446
Conc: 7.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



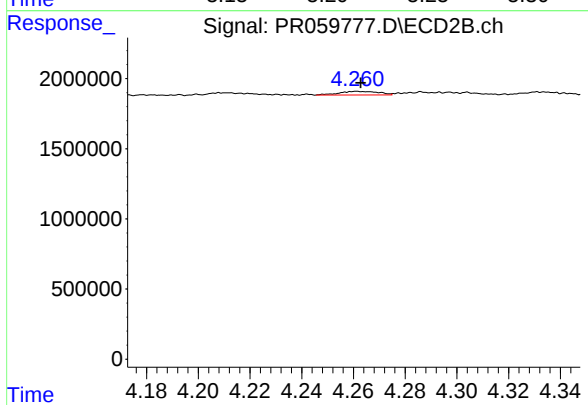
#21 AR-1248-1

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 308965
Conc: 3.72 ng/ml



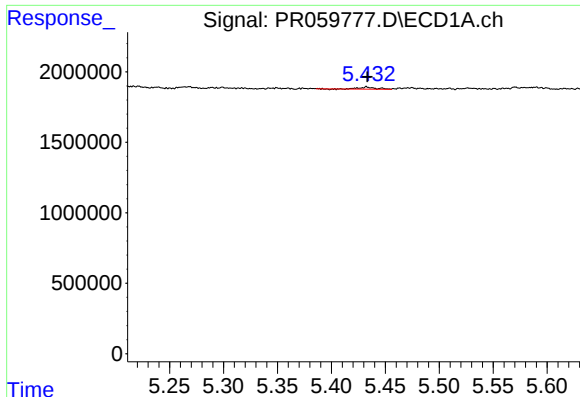
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: -0.003 min
Response: 243529
Conc: 3.29 ng/ml



#22 AR-1248-2

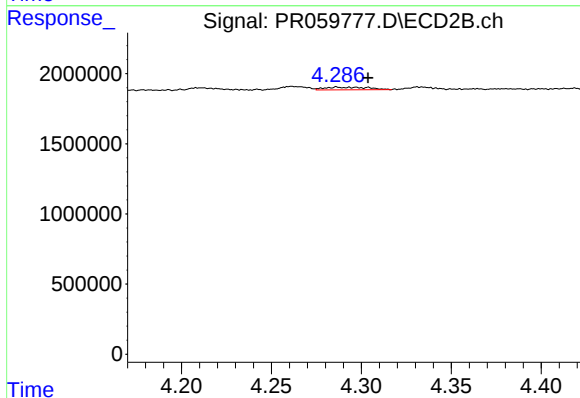
R.T.: 4.262 min
Delta R.T.: -0.001 min
Response: 265901
Conc: 2.19 ng/ml



#23 AR-1248-3

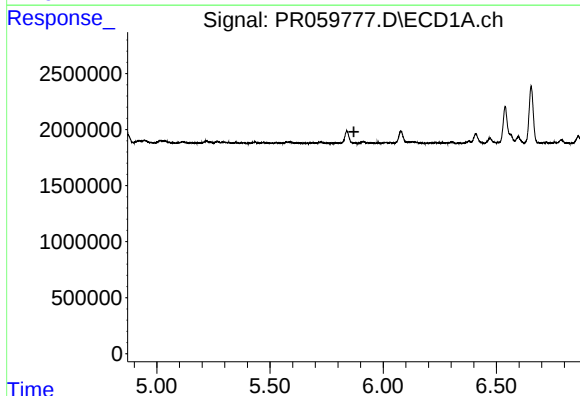
R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 150940
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



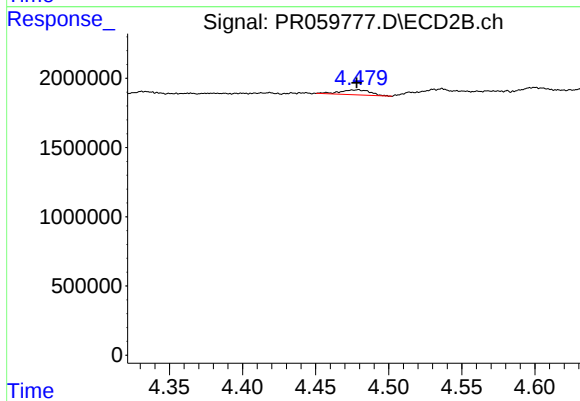
#23 AR-1248-3

R.T.: 4.297 min
Delta R.T.: -0.007 min
Response: 310238
Conc: 2.54 ng/ml



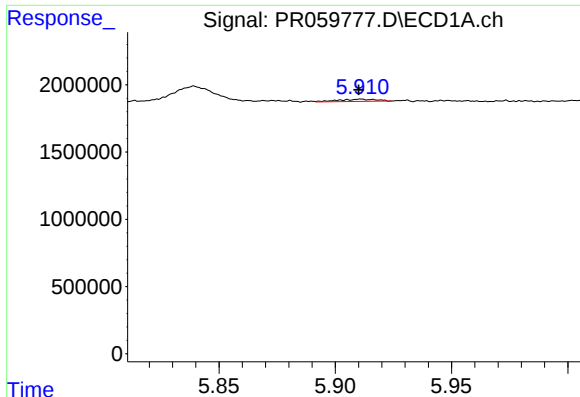
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#24 AR-1248-4

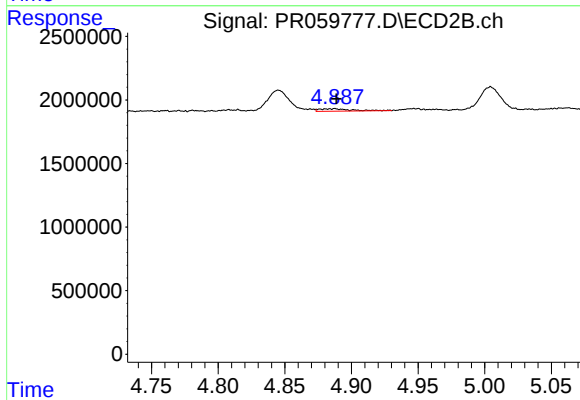
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 517851
Conc: 3.47 ng/ml



#25 AR-1248-5

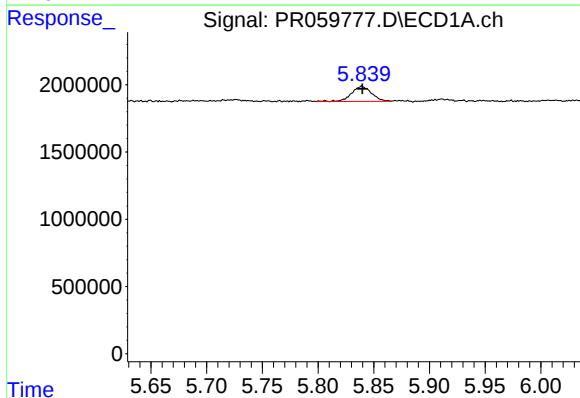
R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 188102
Conc: 2.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



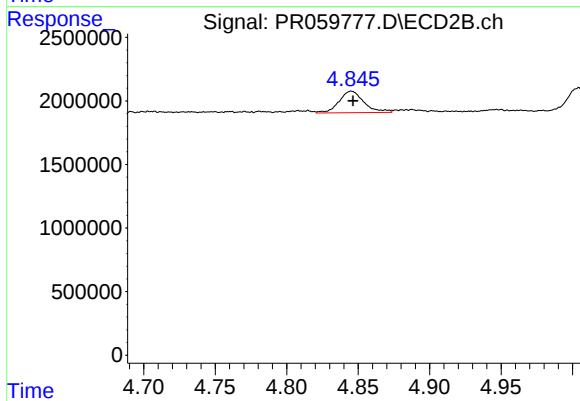
#25 AR-1248-5

R.T.: 4.887 min
Delta R.T.: -0.001 min
Response: 316917
Conc: 2.29 ng/ml



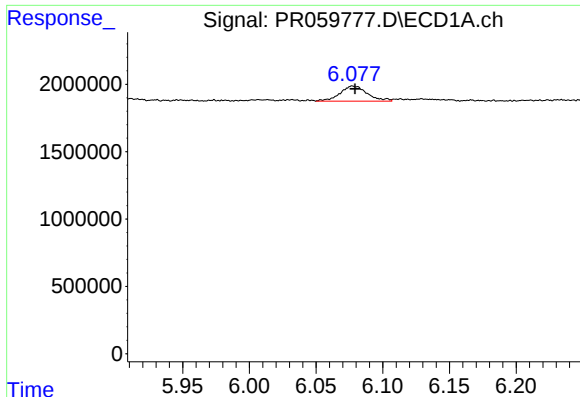
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1403081
Conc: 15.07 ng/ml



#26 AR-1254-1

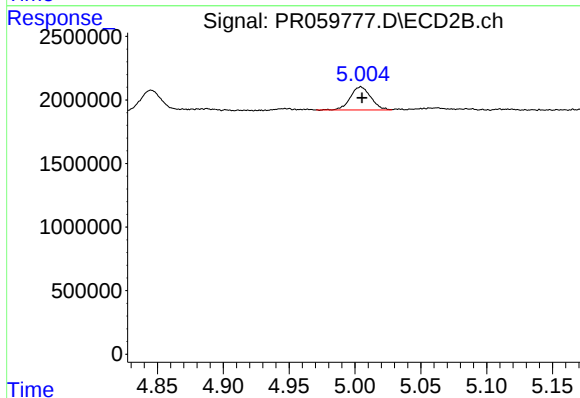
R.T.: 4.845 min
Delta R.T.: -0.001 min
Response: 2067925
Conc: 9.11 ng/ml



#27 AR-1254-2

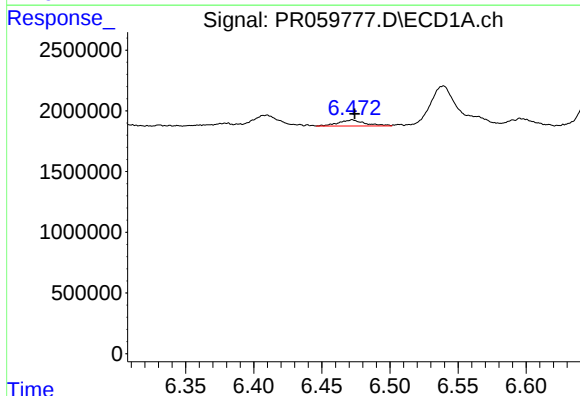
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 1598427
Conc: 11.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



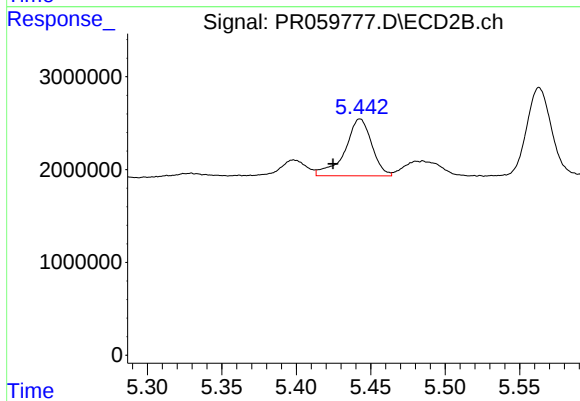
#27 AR-1254-2

R.T.: 5.004 min
Delta R.T.: -0.001 min
Response: 1971332
Conc: 10.11 ng/ml



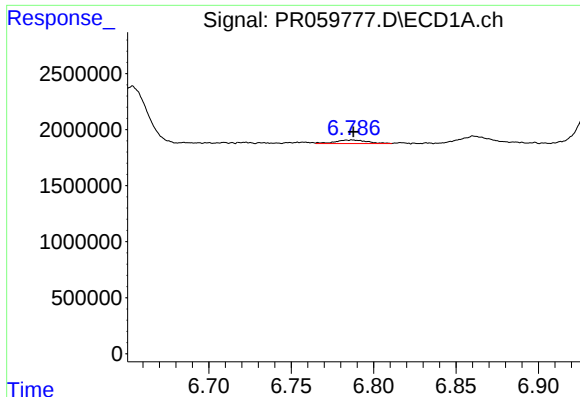
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 682276
Conc: 4.65 ng/ml



#28 AR-1254-3

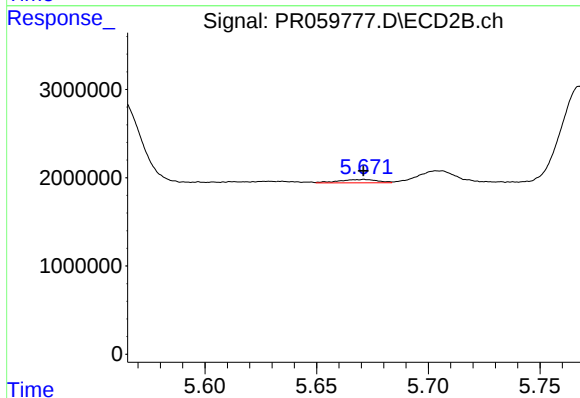
R.T.: 5.443 min
Delta R.T.: 0.018 min
Response: 7656919
Conc: 24.64 ng/ml



#29 AR-1254-4

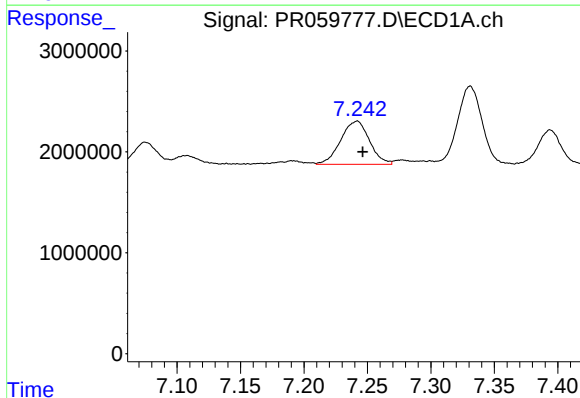
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 434765
Conc: 4.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



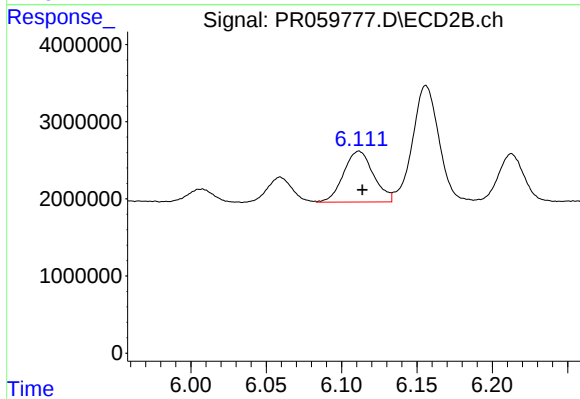
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 453561
Conc: 2.51 ng/ml



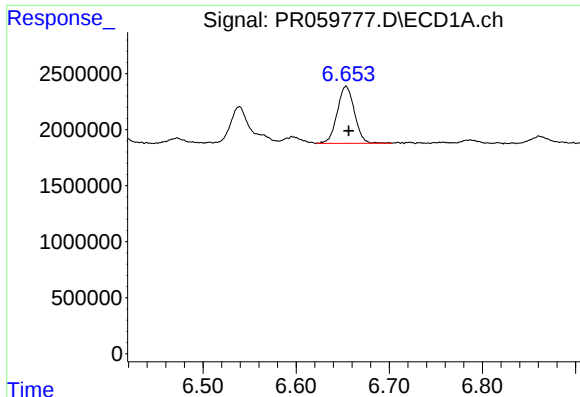
#30 AR-1254-5

R.T.: 7.242 min
Delta R.T.: -0.004 min
Response: 6750039
Conc: 56.74 ng/ml



#30 AR-1254-5

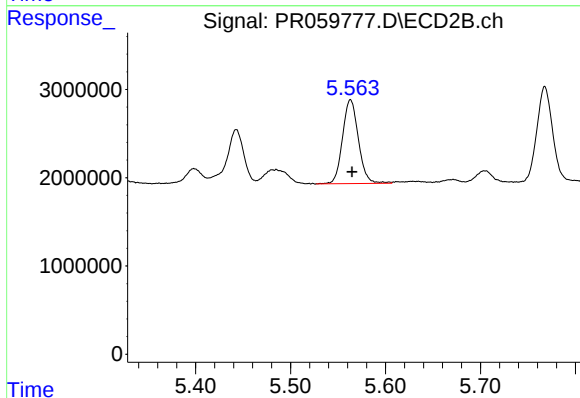
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 9138486
Conc: 33.22 ng/ml



#31 AR-1260-1

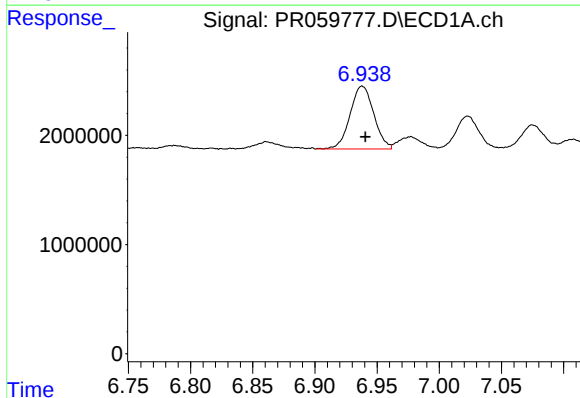
R.T.: 6.654 min
Delta R.T.: -0.003 min
Response: 6538941
Conc: 53.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



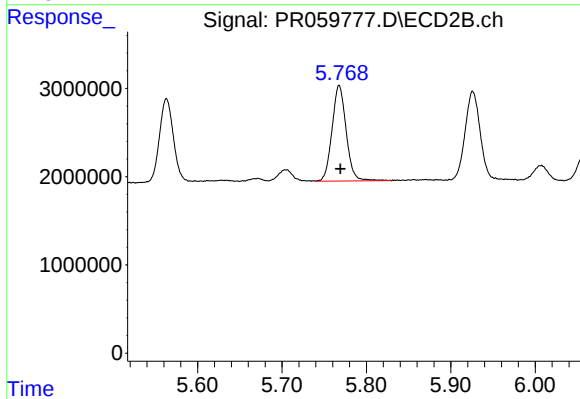
#31 AR-1260-1

R.T.: 5.563 min
Delta R.T.: -0.001 min
Response: 11040720
Conc: 48.05 ng/ml



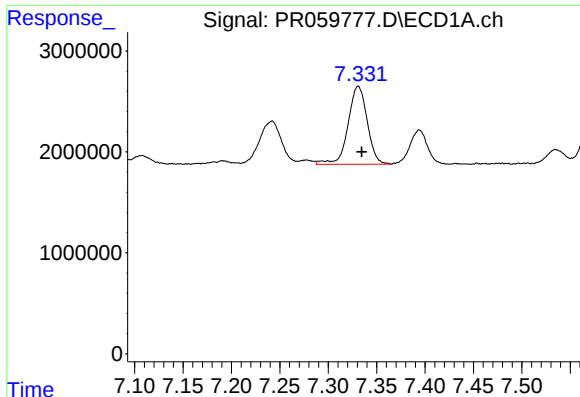
#32 AR-1260-2

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 7635537
Conc: 54.84 ng/ml



#32 AR-1260-2

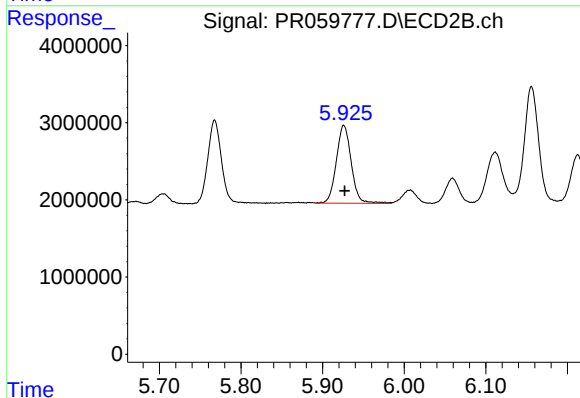
R.T.: 5.768 min
Delta R.T.: -0.001 min
Response: 12605742
Conc: 46.62 ng/ml



#33 AR-1260-3

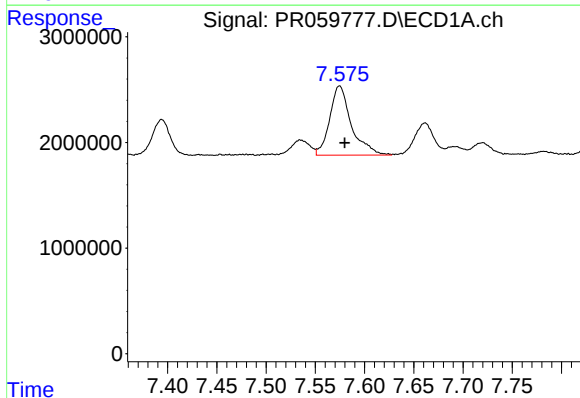
R.T.: 7.331 min
Delta R.T.: -0.004 min
Response: 10691922
Conc: 100.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



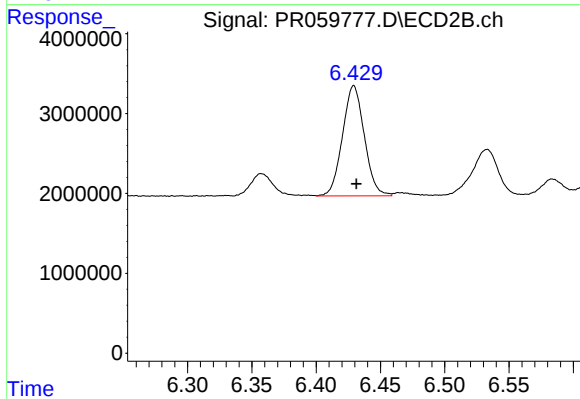
#33 AR-1260-3

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 12814709
Conc: 49.87 ng/ml



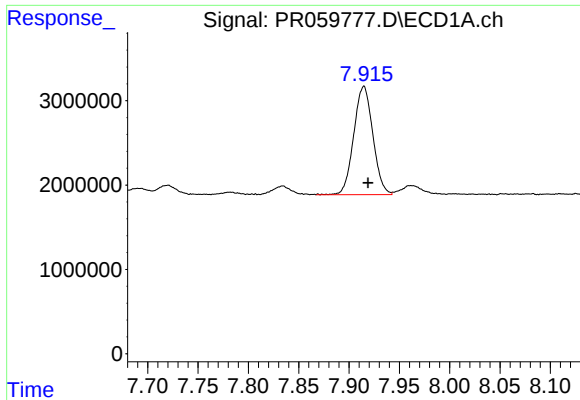
#34 AR-1260-4

R.T.: 7.575 min
Delta R.T.: -0.005 min
Response: 10056162
Conc: 81.92 ng/ml



#34 AR-1260-4

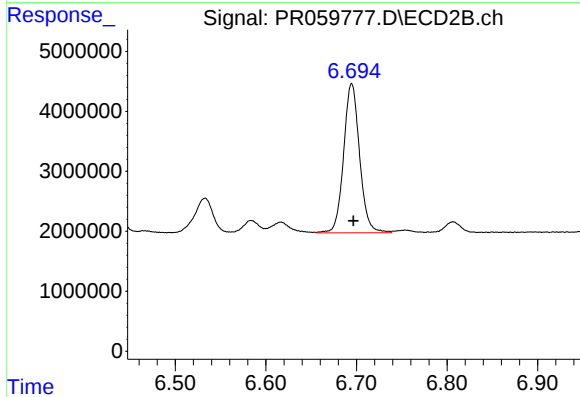
R.T.: 6.429 min
Delta R.T.: -0.002 min
Response: 16325746
Conc: 76.68 ng/ml



#35 AR-1260-5

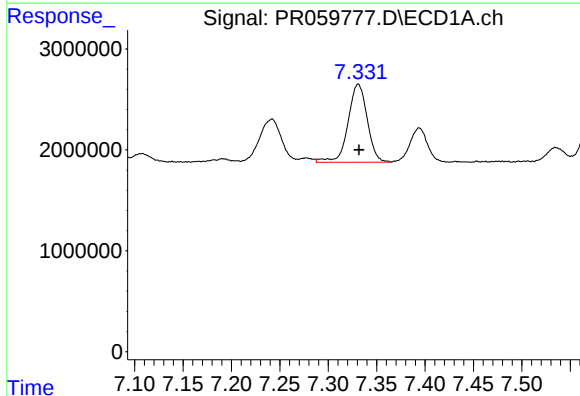
R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 17001290
Conc: 74.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



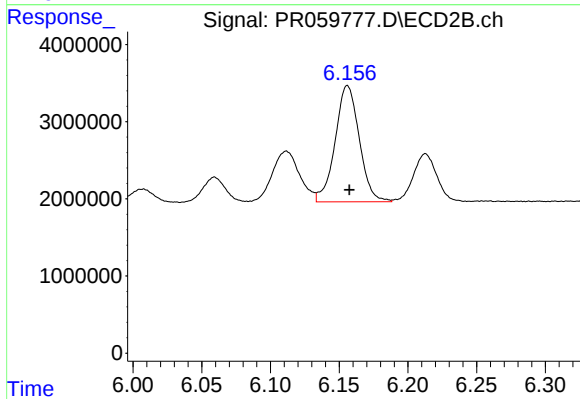
#35 AR-1260-5

R.T.: 6.695 min
Delta R.T.: -0.002 min
Response: 30416295
Conc: 63.08 ng/ml



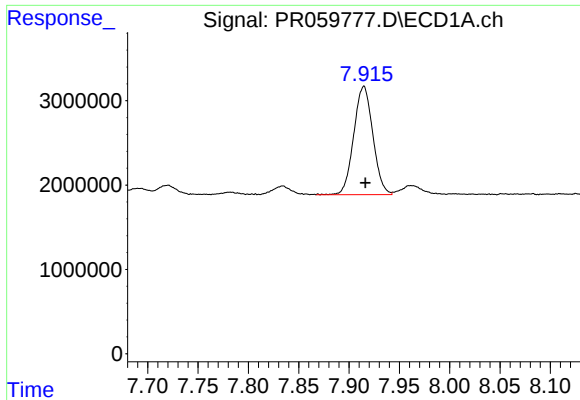
#36 AR-1262-1

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 10691922
Conc: 76.41 ng/ml



#36 AR-1262-1

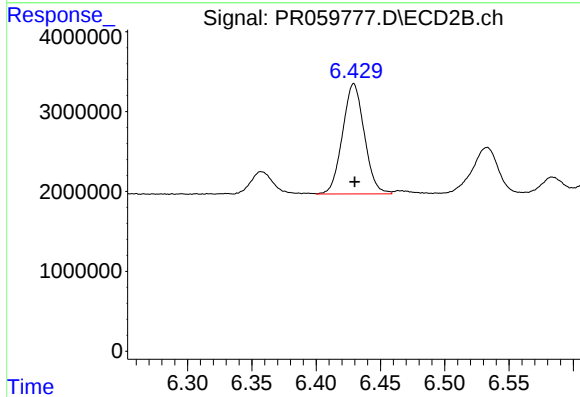
R.T.: 6.156 min
Delta R.T.: -0.001 min
Response: 18411599
Conc: 63.64 ng/ml



#37 AR-1262-2

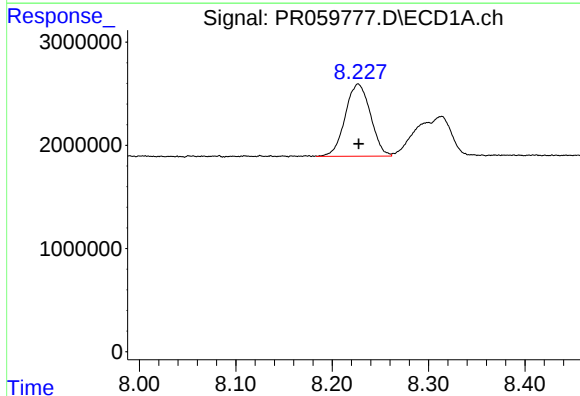
R.T.: 7.915 min
Delta R.T.: -0.002 min
Response: 17001290
Conc: 71.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



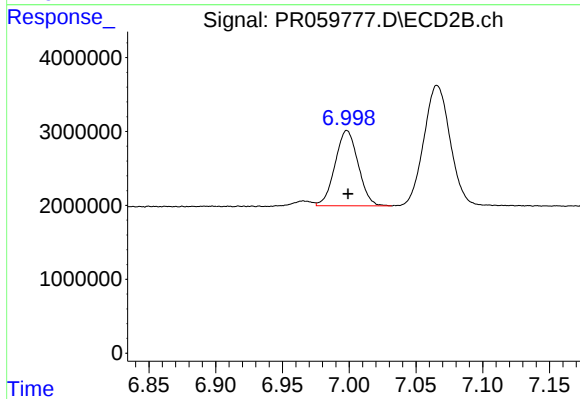
#37 AR-1262-2

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 16325746
Conc: 63.51 ng/ml



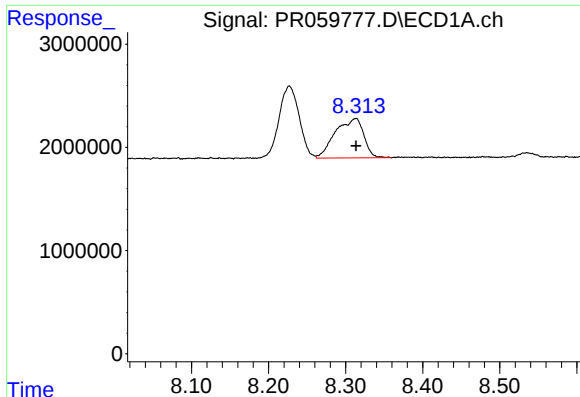
#38 AR-1262-3

R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 12750131
Conc: 74.63 ng/ml



#38 AR-1262-3

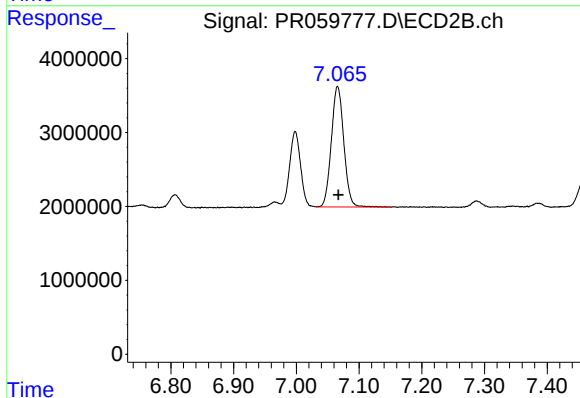
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 12259962
Conc: 63.05 ng/ml



#39 AR-1262-4

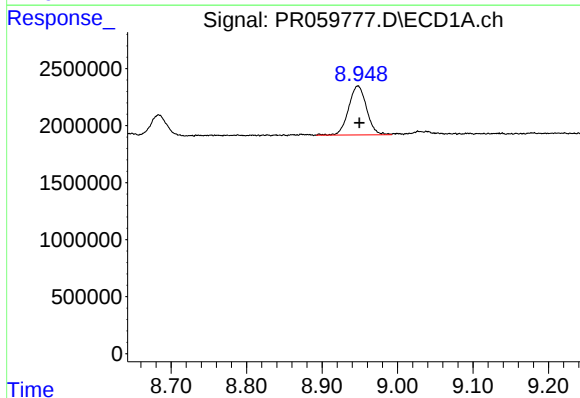
R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 9812392
Conc: 74.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



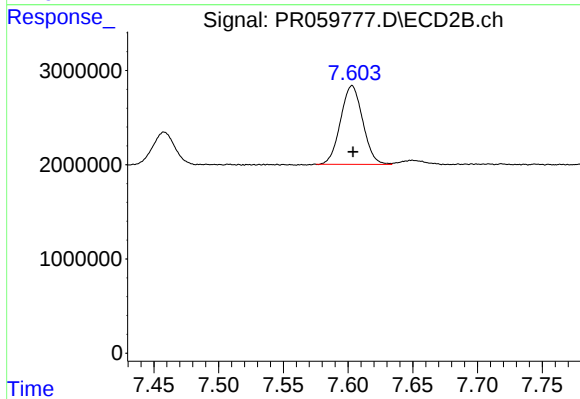
#39 AR-1262-4

R.T.: 7.066 min
Delta R.T.: -0.001 min
Response: 22551286
Conc: 61.80 ng/ml



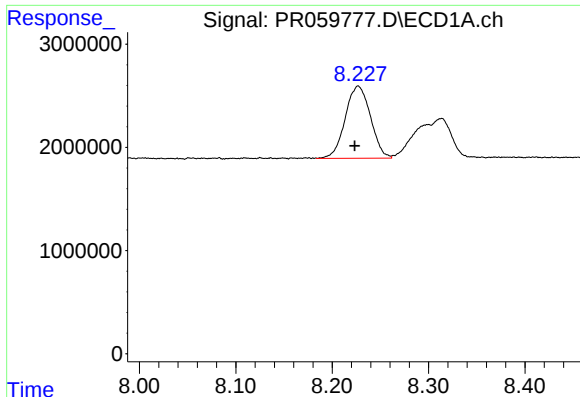
#40 AR-1262-5

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 7102152
Conc: 74.90 ng/ml



#40 AR-1262-5

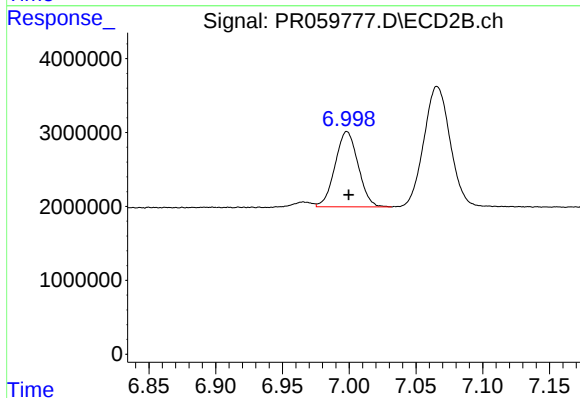
R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 9940901
Conc: 62.92 ng/ml



#41 AR-1268-1

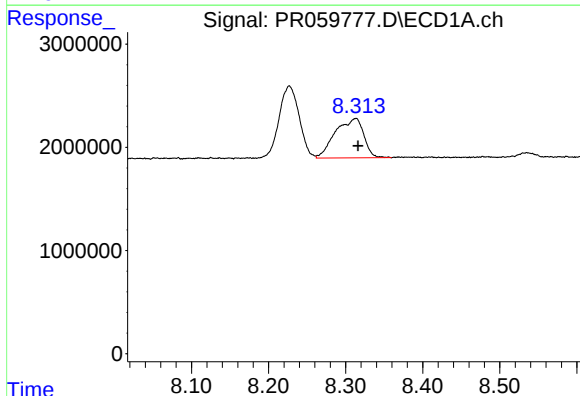
R.T.: 8.227 min
Delta R.T.: 0.003 min
Response: 12750131
Conc: 41.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



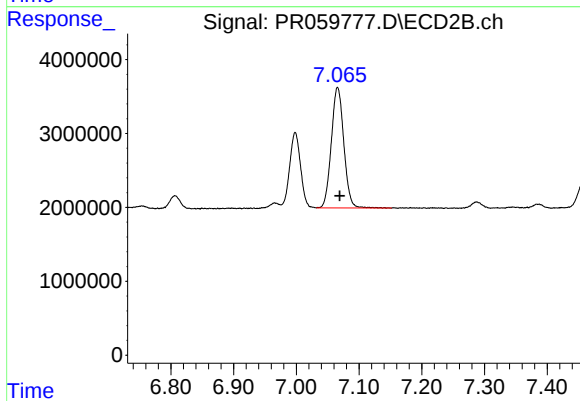
#41 AR-1268-1

R.T.: 6.998 min
Delta R.T.: -0.001 min
Response: 12259962
Conc: 19.81 ng/ml



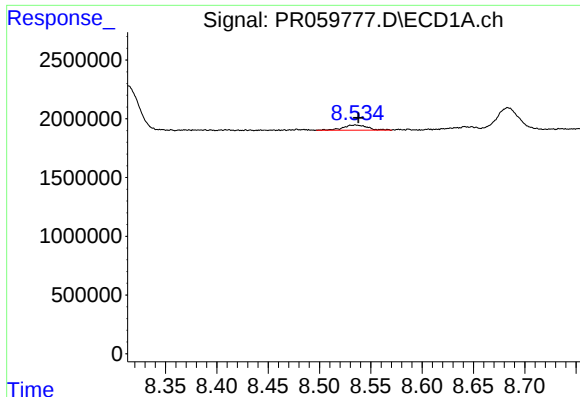
#42 AR-1268-2

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 9812392
Conc: 35.26 ng/ml



#42 AR-1268-2

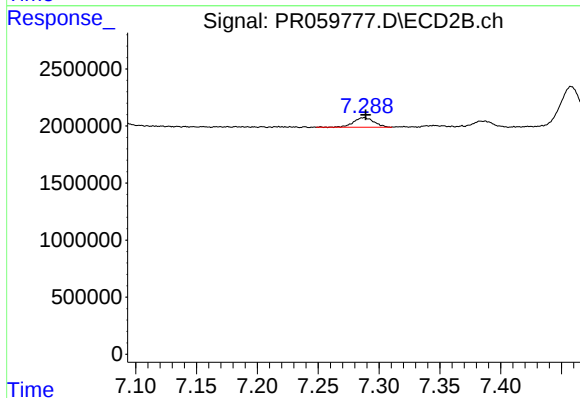
R.T.: 7.066 min
Delta R.T.: -0.003 min
Response: 22551286
Conc: 40.68 ng/ml



#43 AR-1268-3

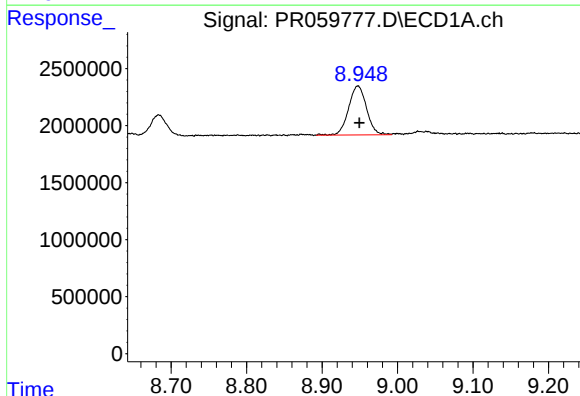
R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 735629
Conc: 2.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



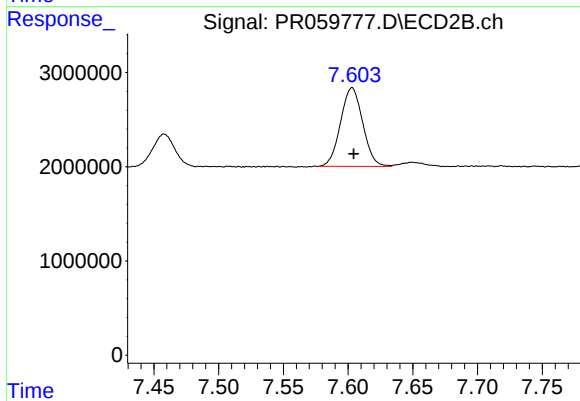
#43 AR-1268-3

R.T.: 7.287 min
Delta R.T.: -0.002 min
Response: 999436
Conc: 2.06 ng/ml



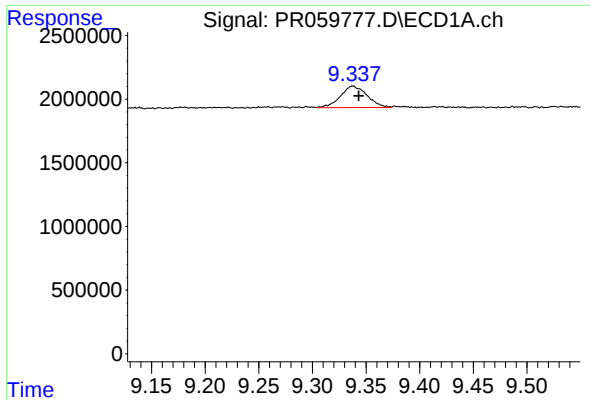
#44 AR-1268-4

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 7102152
Conc: 64.67 ng/ml



#44 AR-1268-4

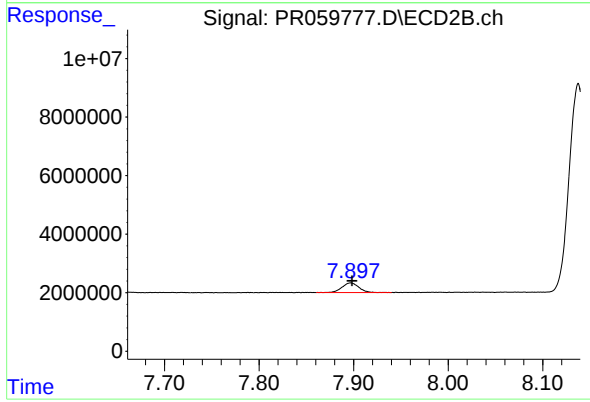
R.T.: 7.603 min
Delta R.T.: -0.001 min
Response: 9940901
Conc: 54.92 ng/ml



#45 AR-1268-5

R.T.: 9.338 min
Delta R.T.: -0.006 min
Response: 2913845
Conc: 3.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.897 min
Delta R.T.: -0.002 min
Response: 4101217
Conc: 2.79 ng/ml