

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051623\
 Data File : PR061458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2023 11:53
 Operator : YP\AJ
 Sample : 02689-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 01:36:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR050923CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 10 07:27:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.696	2.968	37839537	49496201	13.512	16.564
2)	SA Decachlor...	9.635	8.266	35900977	83422837	25.979	25.969
Target Compounds							
3)	L1 AR-1016-1	4.901	4.085	10378205	15372506	127.149	147.612
4)	L1 AR-1016-2	4.901f	4.157	10378205	170719	85.864	1.153 #
5)	L1 AR-1016-3	5.023	4.295	501174	111384	6.619	1.409 #
6)	L1 AR-1016-4	0.000	4.350	0	209852	N.D.	3.455 #
7)	L1 AR-1016-5	0.000	4.550	0	452960	N.D.	5.469 #
8)	L2 AR-1221-1	0.000	3.187	0	1094413	N.D.	28.172 #
9)	L2 AR-1221-2	4.009	3.274	759885	808043	32.120	29.458
10)	L2 AR-1221-3	0.000	3.354	0	479036	N.D.	5.365 #
11)	L3 AR-1232-1	0.000	3.354	0	479036	N.D.	6.667 #
12)	L3 AR-1232-2	4.630	4.085f	455386	15372506	15.611	231.796 #
13)	L3 AR-1232-3	4.901f	4.295	10378205	111384	187.380	3.118 #
14)	L3 AR-1232-4	0.000	4.386	0	73272	N.D.	2.415 #
15)	L3 AR-1232-5	0.000	4.550	0	452960	N.D.	12.682 #
16)	L4 AR-1242-1	4.901	4.085	10378205	15372506	146.933	173.515
17)	L4 AR-1242-2	4.901f	4.157f	10378205	170719	98.420	1.357 #
18)	L4 AR-1242-3	5.023	4.295	501174	111384	7.597	1.623 #
19)	L4 AR-1242-4	0.000	4.386	0	73272	N.D.	1.127 #
20)	L4 AR-1242-5	0.000	4.941	0	347980	N.D.	4.121 #
21)	L5 AR-1248-1	4.901	4.085	10378205	15372506	192.224	225.022
22)	L5 AR-1248-2	0.000	4.350	0	209852	N.D.	2.170 #
23)	L5 AR-1248-3	0.000	4.386	0	73272	N.D.	0.739 #
24)	L5 AR-1248-4	0.000	4.550	0	452960	N.D.	3.746 #
25)	L5 AR-1248-5	0.000	4.973	0	383569	N.D.	3.182 #
26)	L6 AR-1254-1	0.000	4.941	0	347980	N.D.	1.888 #
27)	L6 AR-1254-2	6.074	5.097	363484	164314	2.476	1.038 #
28)	L6 AR-1254-3	6.481	5.523	1088742	358593	7.270	1.346 #
29)	L6 AR-1254-4	0.000	5.770	0	360736	N.D.	2.146 #
30)	L6 AR-1254-5	7.258	6.220	1063547	2867912	9.937	11.649
31)	L7 AR-1260-1	0.000	5.668	0	438640	N.D.	2.572 #
32)	L7 AR-1260-2	6.918	5.886	2110712	650360	17.933	3.109 #
33)	L7 AR-1260-3	7.258f	6.045	1063547	10690289	12.819	51.479 #
34)	L7 AR-1260-4	7.569	6.567	420531	3050839	4.526	18.048 #
35)	L7 AR-1260-5	7.886	6.806	847602	3227641	4.792	7.961 #
36)	L8 AR-1262-1	7.258f	6.262	1063547	657824	7.645	2.487 #
37)	L8 AR-1262-2	7.886	6.806	847602	3227641	3.753	6.522 #
38)	L8 AR-1262-3	0.000	7.108	0	425086	N.D.	2.445 #
39)	L8 AR-1262-4	8.317	7.177	128214	176417	1.161	0.490 #
40)	L8 AR-1262-5	8.961	7.770f	246026	1953381	3.341	11.212 #
41)	L9 AR-1268-1	8.139f	7.108	168402	425086	0.835	1.024

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.317	7.197	128214	295769	0.742	0.773
43) L9	AR-1268-3	8.466f	7.443	-17600	641580	N.D.	1.920 #
44) L9	AR-1268-4	8.961	7.770f	246026	1953381	3.977	13.361 #
45) L9	AR-1268-5	9.331	8.015	545050	700737	1.171	0.651 #

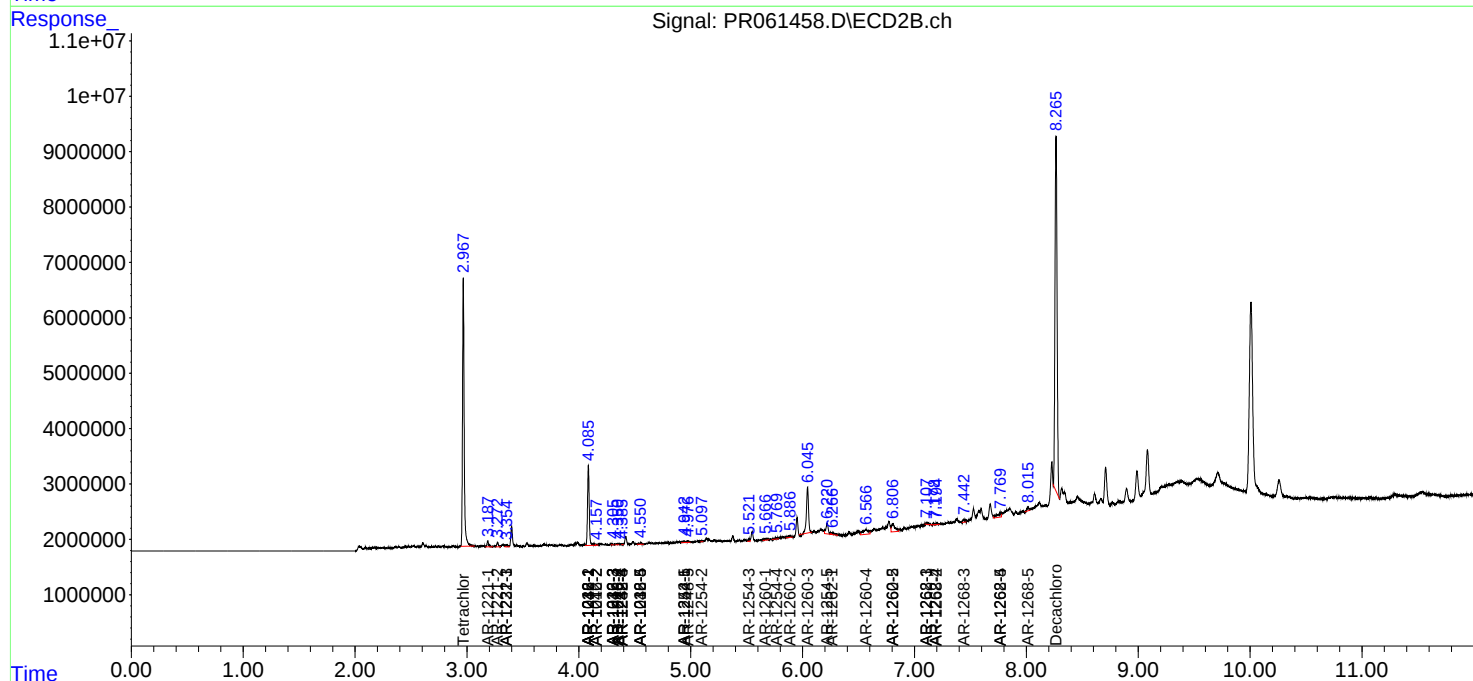
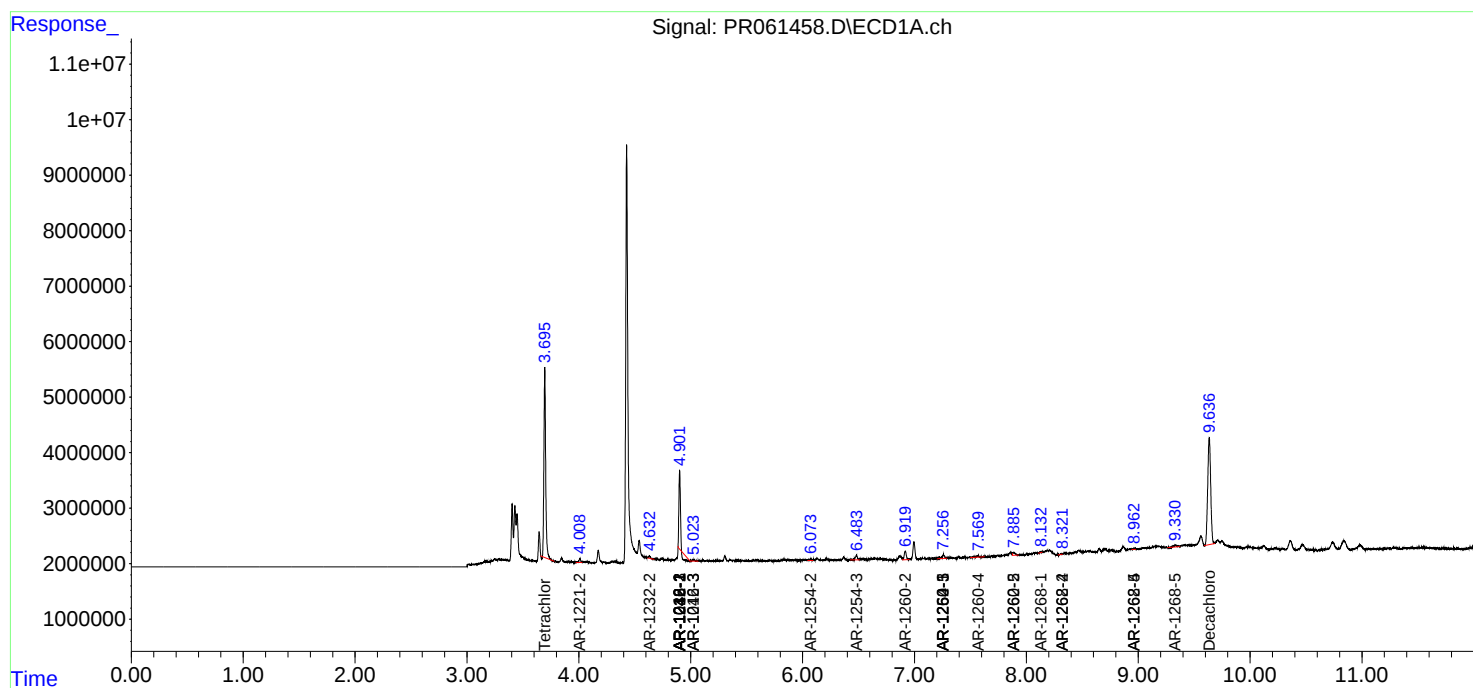
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

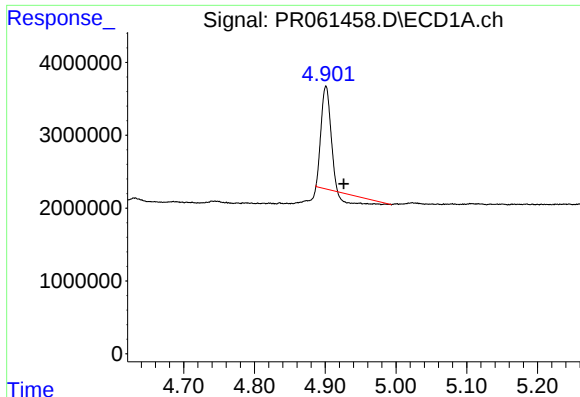
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

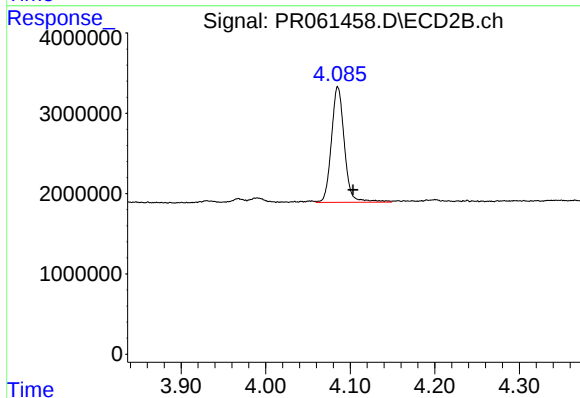




#3 AR-1016-1

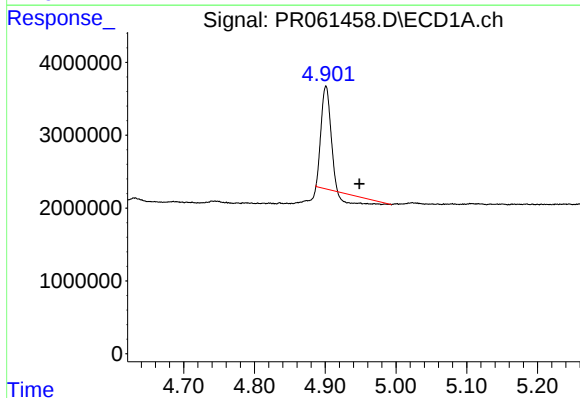
R.T.: 4.901 min
Delta R.T.: -0.025 min
Response: 10378205
Conc: 127.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



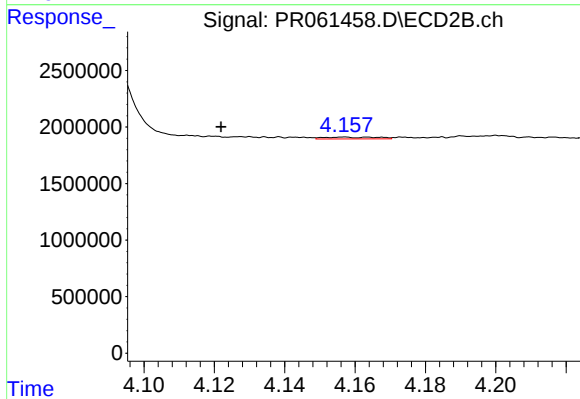
#3 AR-1016-1

R.T.: 4.085 min
Delta R.T.: -0.018 min
Response: 15372506
Conc: 147.61 ng/ml



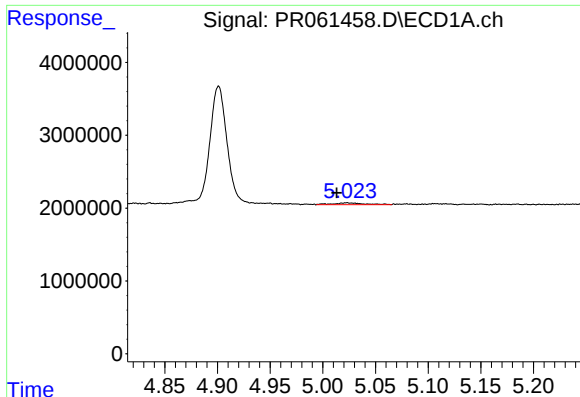
#4 AR-1016-2

R.T.: 4.901 min
Delta R.T.: -0.047 min
Response: 10378205
Conc: 85.86 ng/ml



#4 AR-1016-2

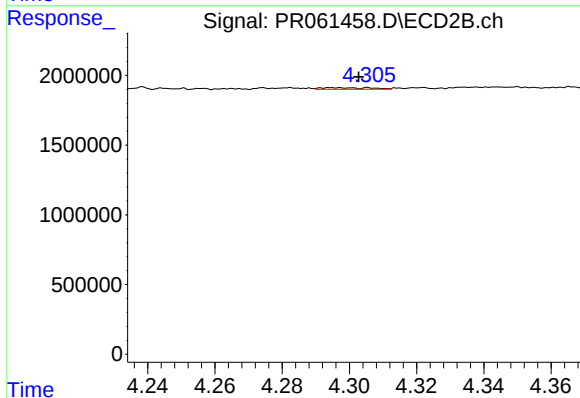
R.T.: 4.157 min
Delta R.T.: 0.035 min
Response: 170719
Conc: 1.15 ng/ml



#5 AR-1016-3

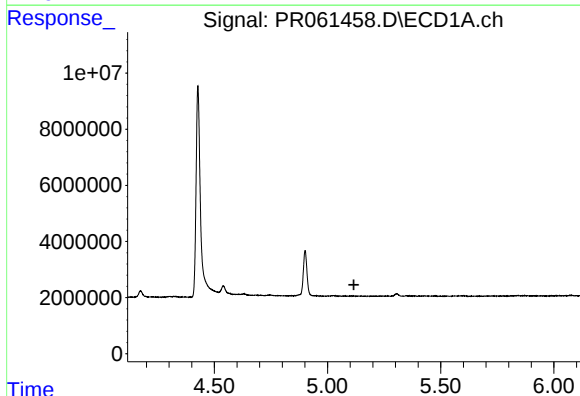
R.T.: 5.023 min
Delta R.T.: 0.010 min
Response: 501174
Conc: 6.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



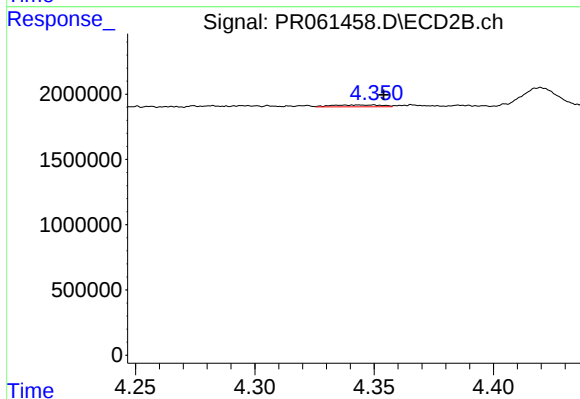
#5 AR-1016-3

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 111384
Conc: 1.41 ng/ml



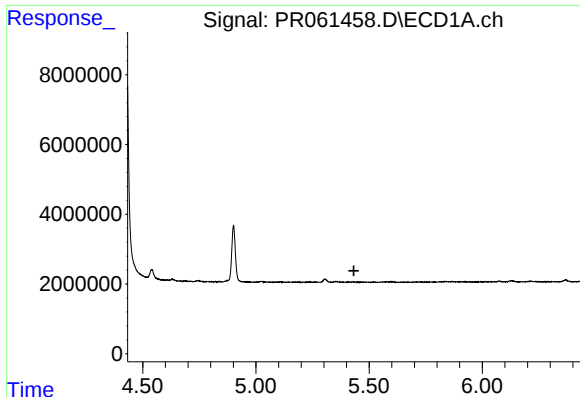
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.116 min
Response: 0
Conc: N.D.



#6 AR-1016-4

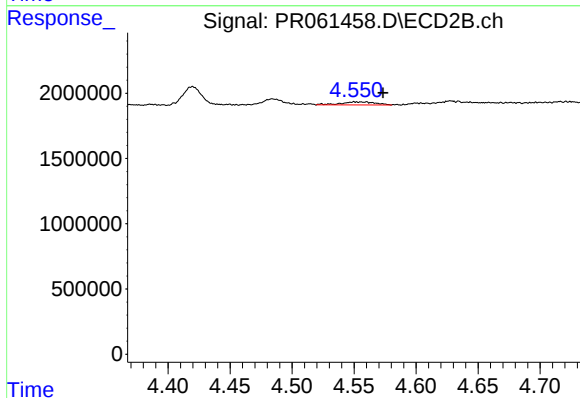
R.T.: 4.350 min
Delta R.T.: -0.004 min
Response: 209852
Conc: 3.45 ng/ml



#7 AR-1016-5

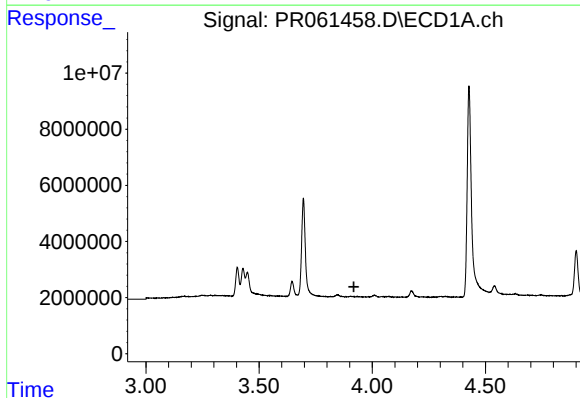
R.T.: 0.000 min
Exp R.T.: 5.433 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



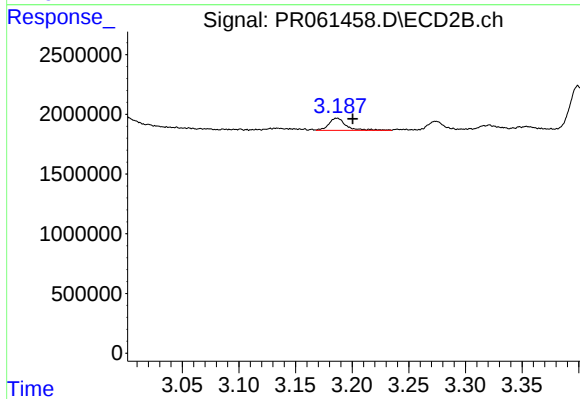
#7 AR-1016-5

R.T.: 4.550 min
Delta R.T.: -0.023 min
Response: 452960
Conc: 5.47 ng/ml



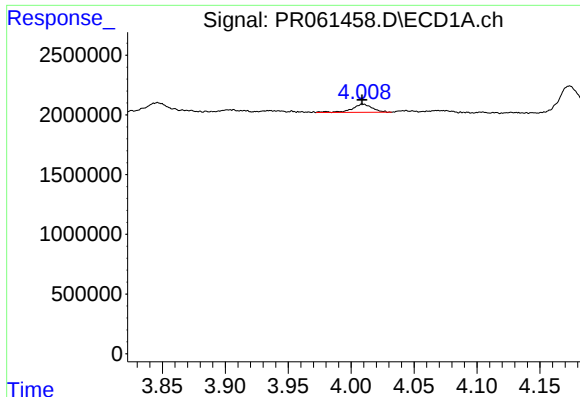
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.919 min
Response: 0
Conc: N.D.



#8 AR-1221-1

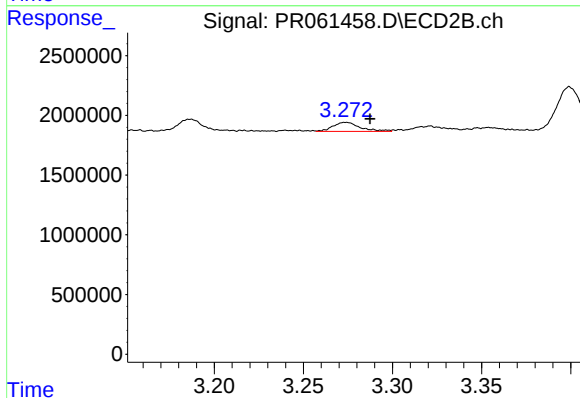
R.T.: 3.187 min
Delta R.T.: -0.014 min
Response: 1094413
Conc: 28.17 ng/ml



#9 AR-1221-2

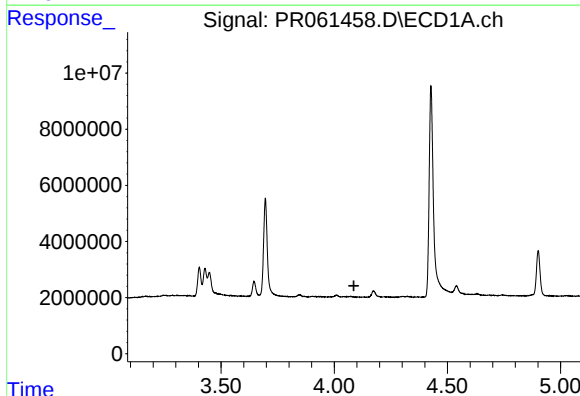
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 759885
Conc: 32.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



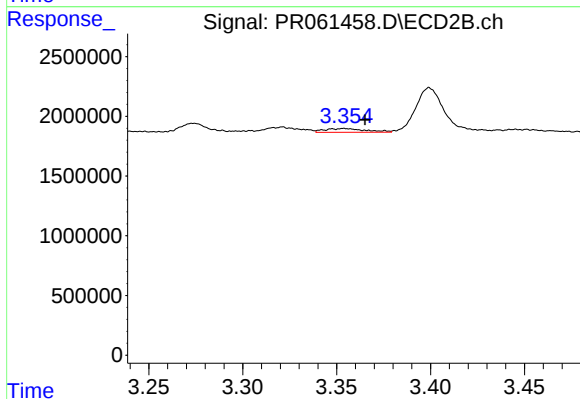
#9 AR-1221-2

R.T.: 3.274 min
Delta R.T.: -0.014 min
Response: 808043
Conc: 29.46 ng/ml



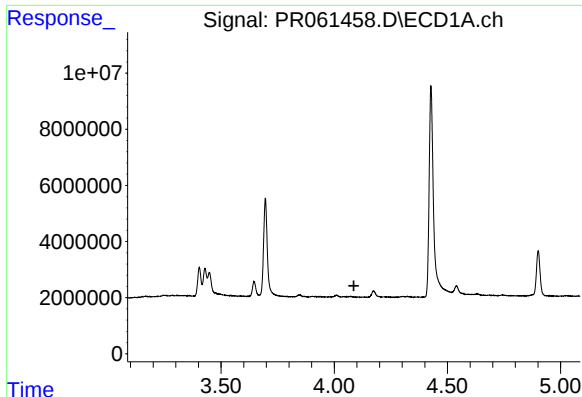
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.087 min
Response: 0
Conc: N.D.



#10 AR-1221-3

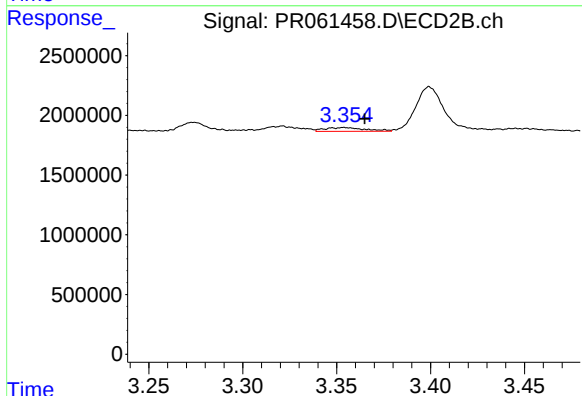
R.T.: 3.354 min
Delta R.T.: -0.011 min
Response: 479036
Conc: 5.36 ng/ml



#11 AR-1232-1

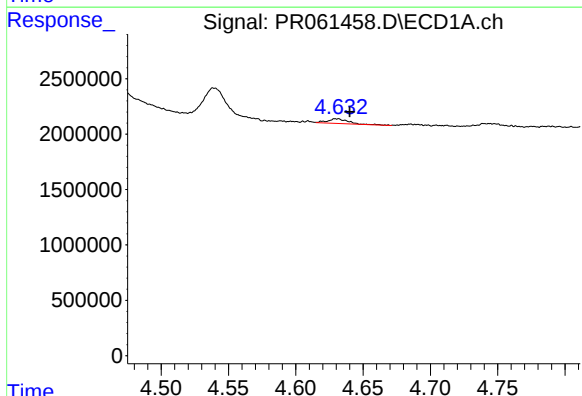
R.T.: 0.000 min
Exp R.T.: 4.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



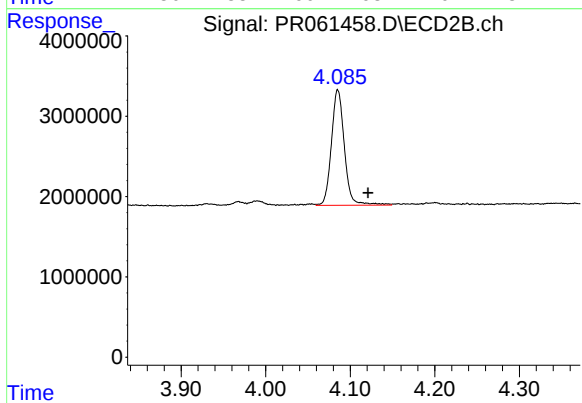
#11 AR-1232-1

R.T.: 3.354 min
Delta R.T.: -0.011 min
Response: 479036
Conc: 6.67 ng/ml



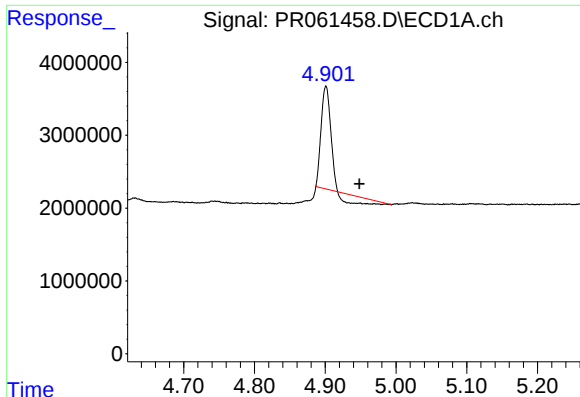
#12 AR-1232-2

R.T.: 4.630 min
Delta R.T.: -0.010 min
Response: 455386
Conc: 15.61 ng/ml



#12 AR-1232-2

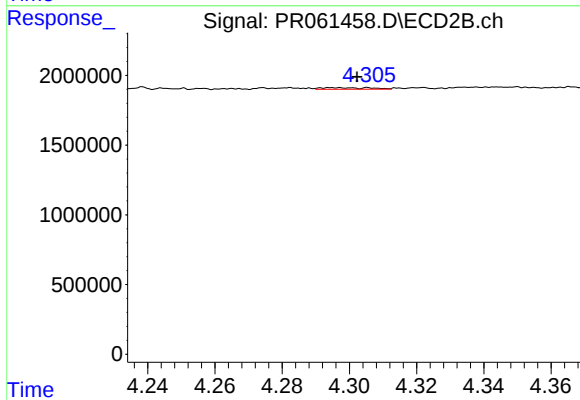
R.T.: 4.085 min
Delta R.T.: -0.036 min
Response: 15372506
Conc: 231.80 ng/ml



#13 AR-1232-3

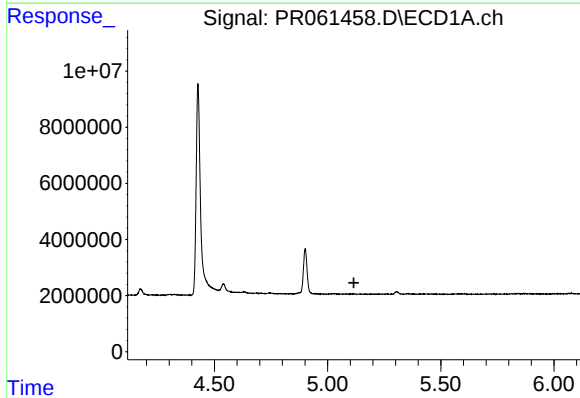
R.T.: 4.901 min
Delta R.T.: -0.047 min
Response: 10378205
Conc: 187.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



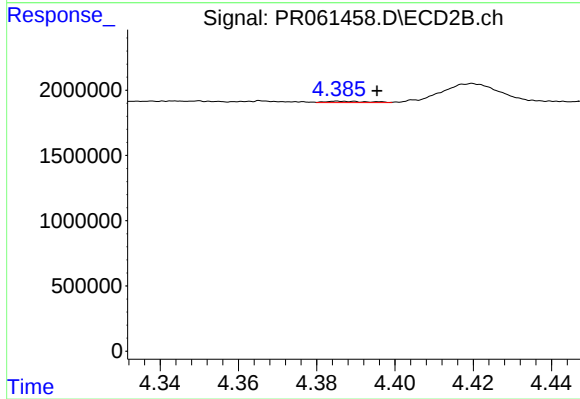
#13 AR-1232-3

R.T.: 4.295 min
Delta R.T.: -0.007 min
Response: 111384
Conc: 3.12 ng/ml



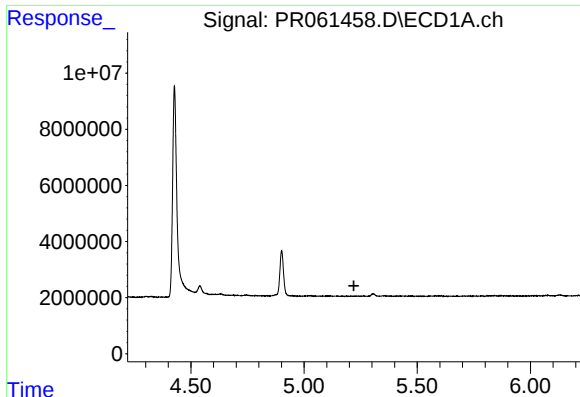
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.116 min
Response: 0
Conc: N.D.



#14 AR-1232-4

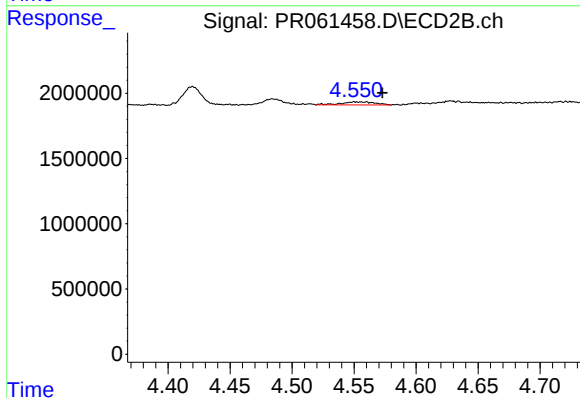
R.T.: 4.386 min
Delta R.T.: -0.010 min
Response: 73272
Conc: 2.42 ng/ml



#15 AR-1232-5

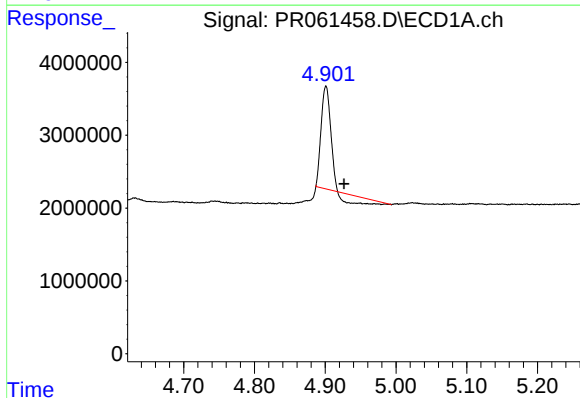
R.T.: 0.000 min
Exp R.T.: 5.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



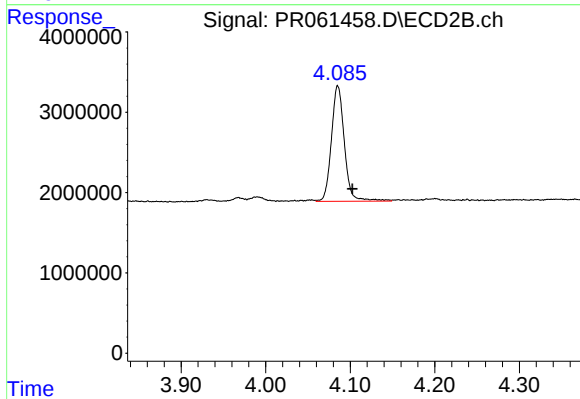
#15 AR-1232-5

R.T.: 4.550 min
Delta R.T.: -0.022 min
Response: 452960
Conc: 12.68 ng/ml



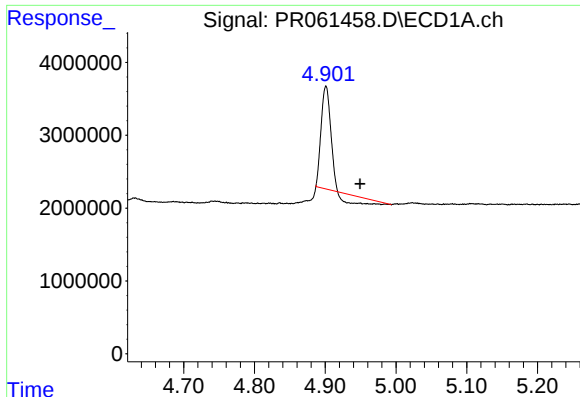
#16 AR-1242-1

R.T.: 4.901 min
Delta R.T.: -0.026 min
Response: 10378205
Conc: 146.93 ng/ml



#16 AR-1242-1

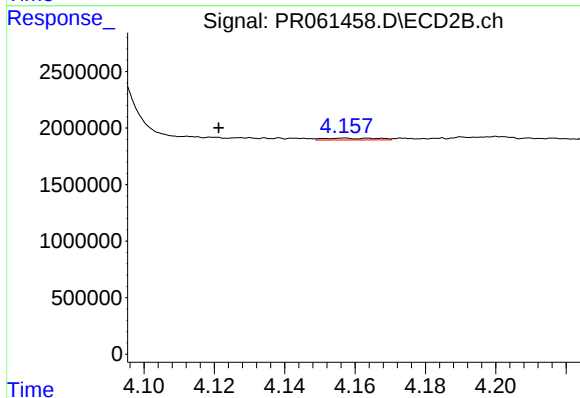
R.T.: 4.085 min
Delta R.T.: -0.017 min
Response: 15372506
Conc: 173.51 ng/ml



#17 AR-1242-2

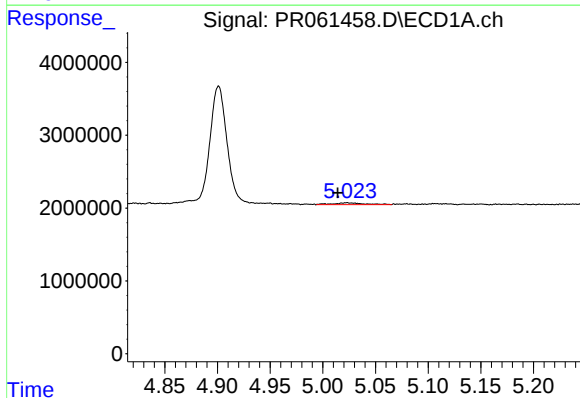
R.T.: 4.901 min
Delta R.T.: -0.048 min
Response: 10378205
Conc: 98.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



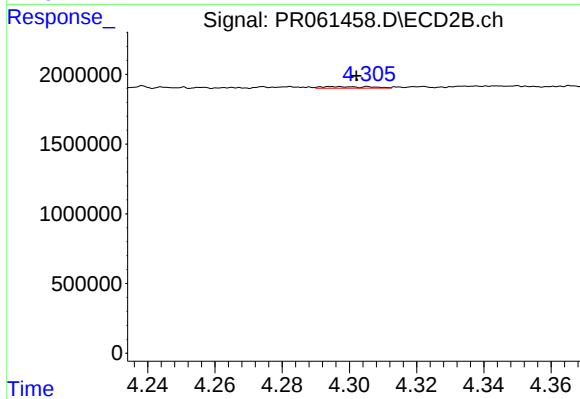
#17 AR-1242-2

R.T.: 4.157 min
Delta R.T.: 0.036 min
Response: 170719
Conc: 1.36 ng/ml



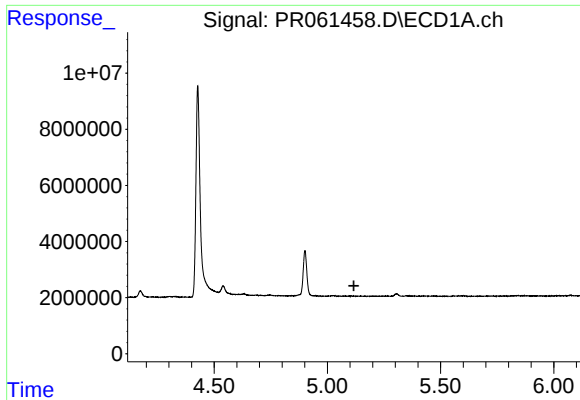
#18 AR-1242-3

R.T.: 5.023 min
Delta R.T.: 0.009 min
Response: 501174
Conc: 7.60 ng/ml



#18 AR-1242-3

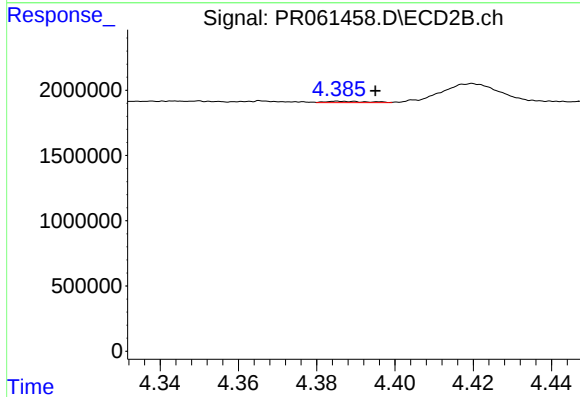
R.T.: 4.295 min
Delta R.T.: -0.007 min
Response: 111384
Conc: 1.62 ng/ml



#19 AR-1242-4

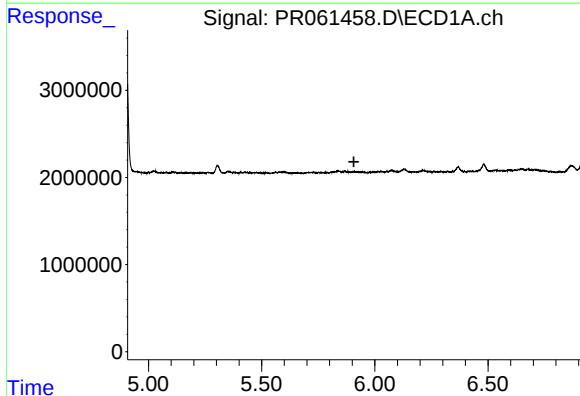
R.T.: 0.000 min
Exp R.T.: 5.117 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



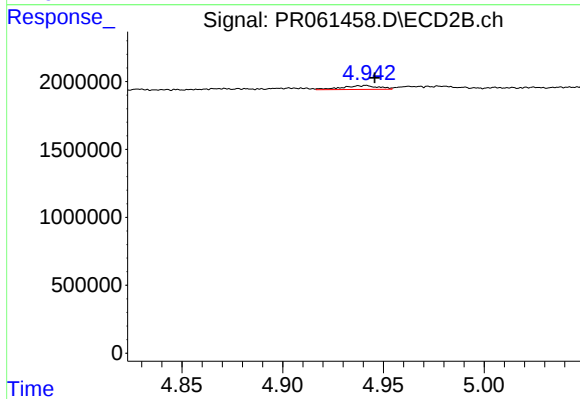
#19 AR-1242-4

R.T.: 4.386 min
Delta R.T.: -0.009 min
Response: 73272
Conc: 1.13 ng/ml



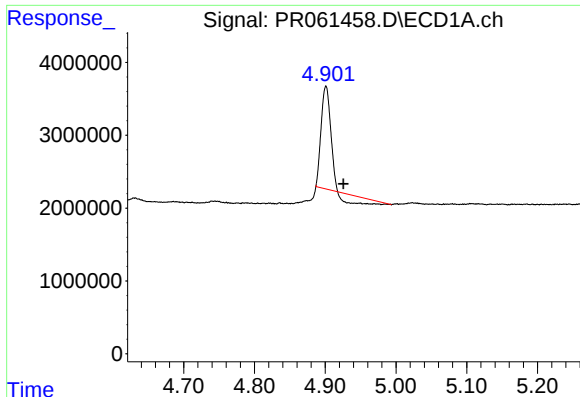
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.907 min
Response: 0
Conc: N.D.



#20 AR-1242-5

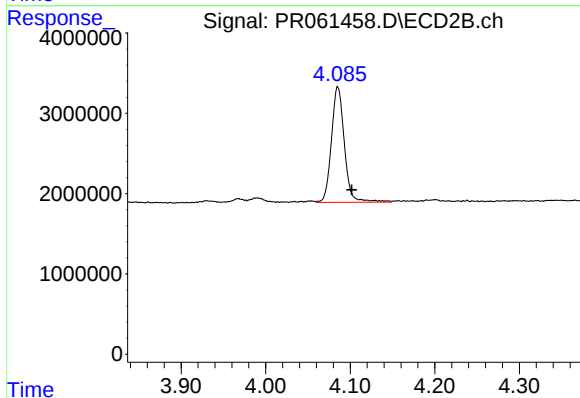
R.T.: 4.941 min
Delta R.T.: -0.004 min
Response: 347980
Conc: 4.12 ng/ml



#21 AR-1248-1

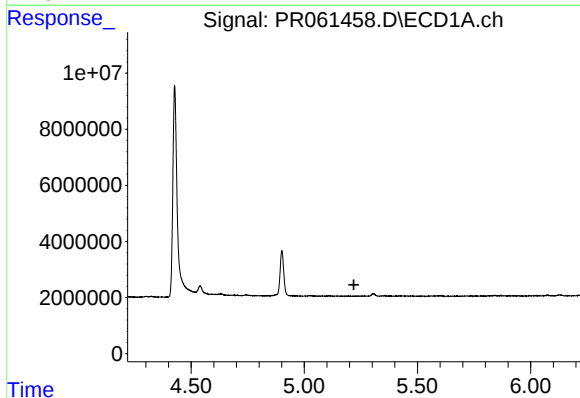
R.T.: 4.901 min
Delta R.T.: -0.025 min
Response: 10378205
Conc: 192.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



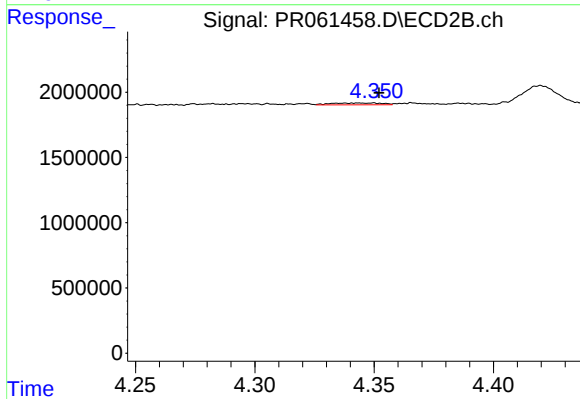
#21 AR-1248-1

R.T.: 4.085 min
Delta R.T.: -0.016 min
Response: 15372506
Conc: 225.02 ng/ml



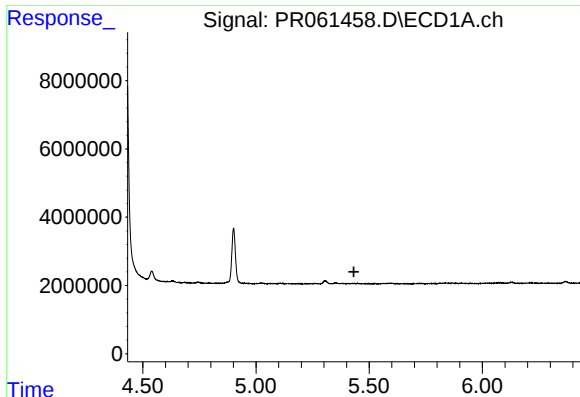
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.219 min
Response: 0
Conc: N.D.



#22 AR-1248-2

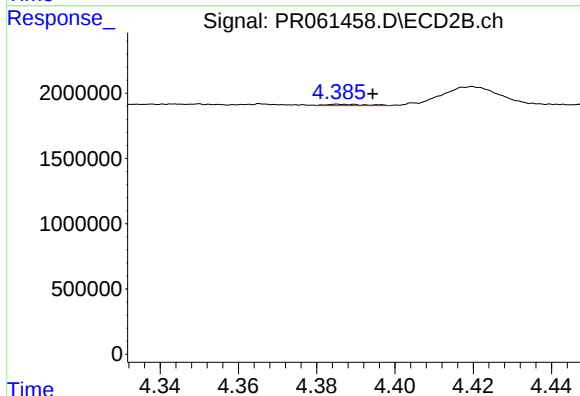
R.T.: 4.350 min
Delta R.T.: -0.002 min
Response: 209852
Conc: 2.17 ng/ml



#23 AR-1248-3

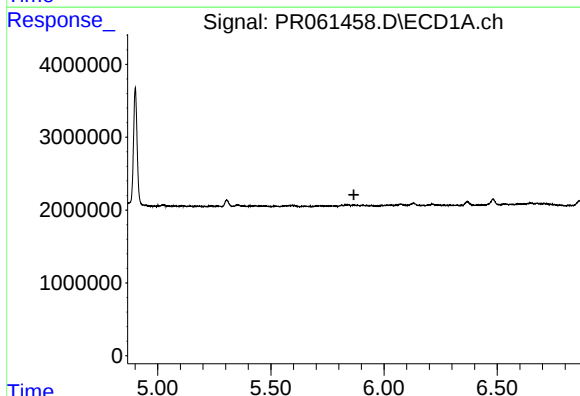
R.T.: 0.000 min
Exp R.T.: 5.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



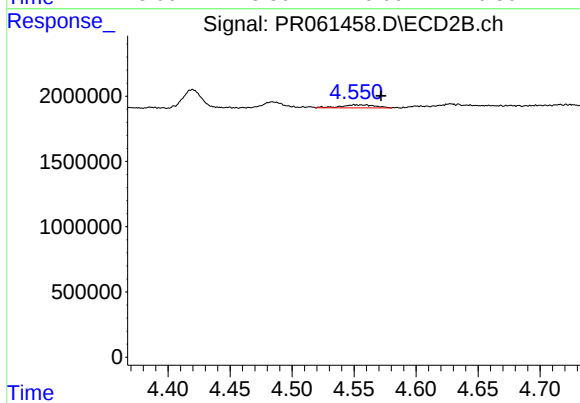
#23 AR-1248-3

R.T.: 4.386 min
Delta R.T.: -0.008 min
Response: 73272
Conc: 0.74 ng/ml



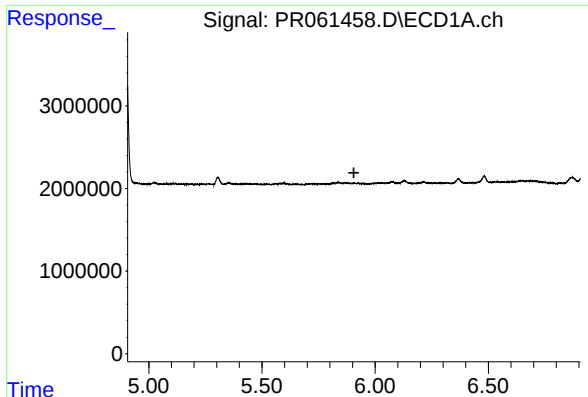
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 5.867 min
Response: 0
Conc: N.D.



#24 AR-1248-4

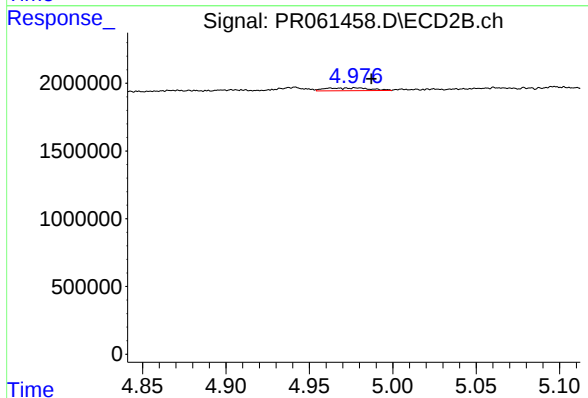
R.T.: 4.550 min
Delta R.T.: -0.022 min
Response: 452960
Conc: 3.75 ng/ml



#25 AR-1248-5

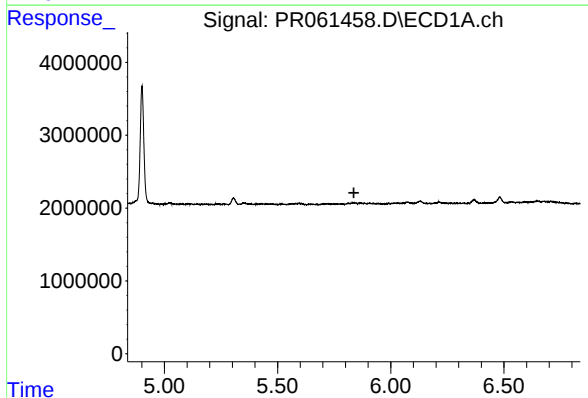
R.T.: 0.000 min
Exp R.T.: 5.906 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



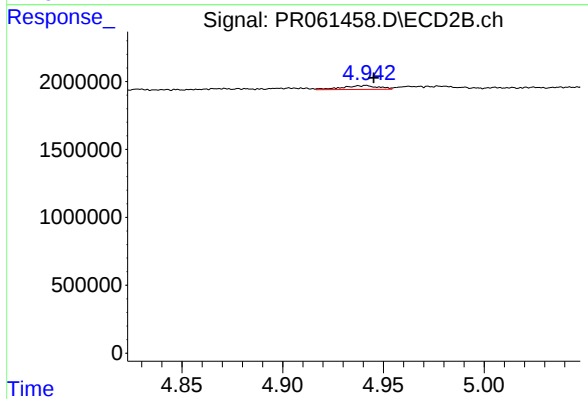
#25 AR-1248-5

R.T.: 4.973 min
Delta R.T.: -0.015 min
Response: 383569
Conc: 3.18 ng/ml



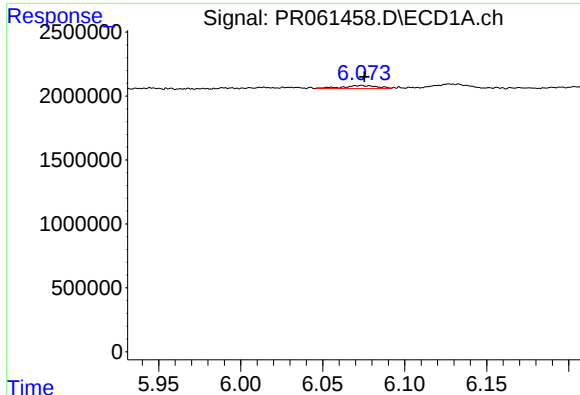
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 5.837 min
Response: 0
Conc: N.D.



#26 AR-1254-1

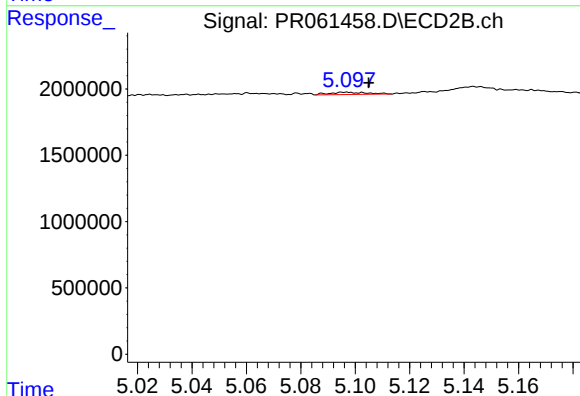
R.T.: 4.941 min
Delta R.T.: -0.004 min
Response: 347980
Conc: 1.89 ng/ml



#27 AR-1254-2

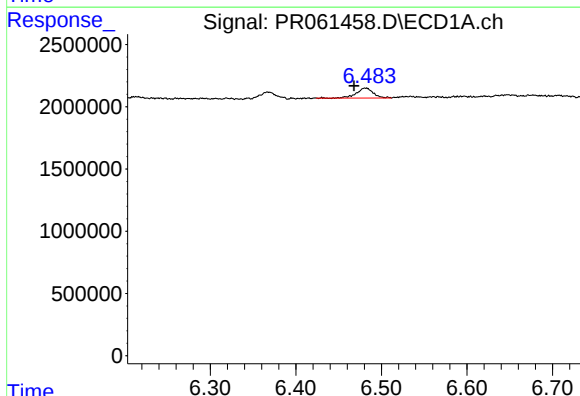
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 363484
Conc: 2.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



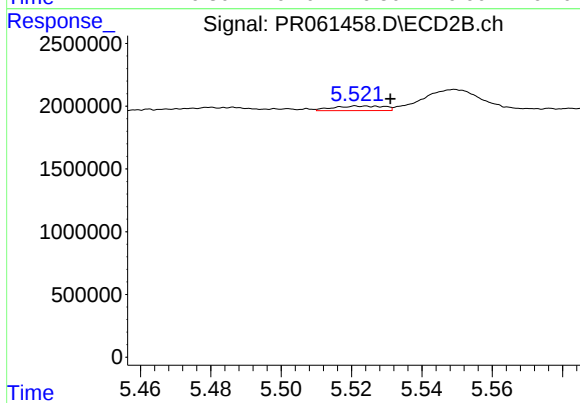
#27 AR-1254-2

R.T.: 5.097 min
Delta R.T.: -0.008 min
Response: 164314
Conc: 1.04 ng/ml



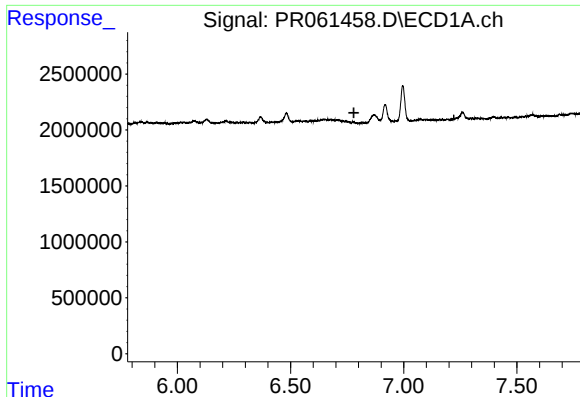
#28 AR-1254-3

R.T.: 6.481 min
Delta R.T.: 0.013 min
Response: 1088742
Conc: 7.27 ng/ml



#28 AR-1254-3

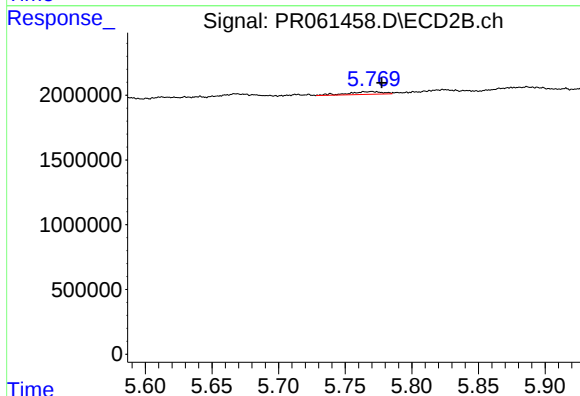
R.T.: 5.523 min
Delta R.T.: -0.008 min
Response: 358593
Conc: 1.35 ng/ml



#29 AR-1254-4

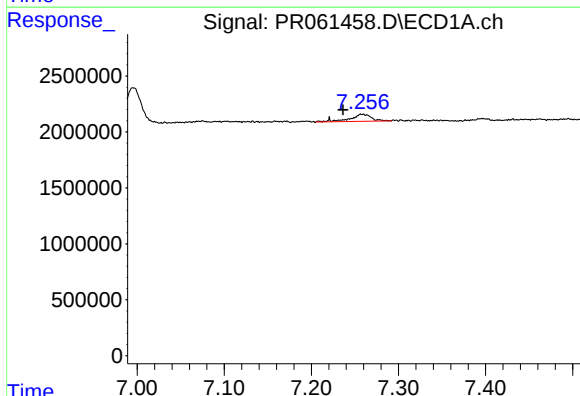
R.T.: 0.000 min
Exp R.T.: 6.780 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



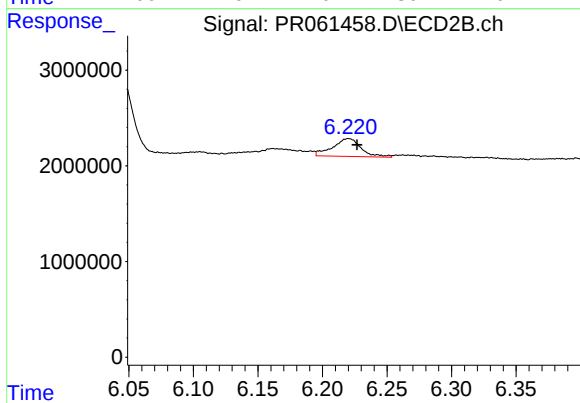
#29 AR-1254-4

R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 360736
Conc: 2.15 ng/ml



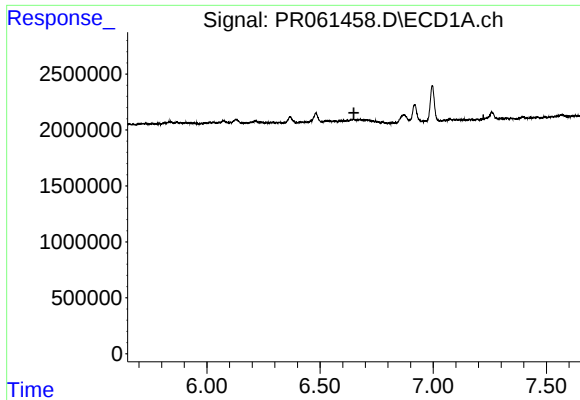
#30 AR-1254-5

R.T.: 7.258 min
Delta R.T.: 0.022 min
Response: 1063547
Conc: 9.94 ng/ml



#30 AR-1254-5

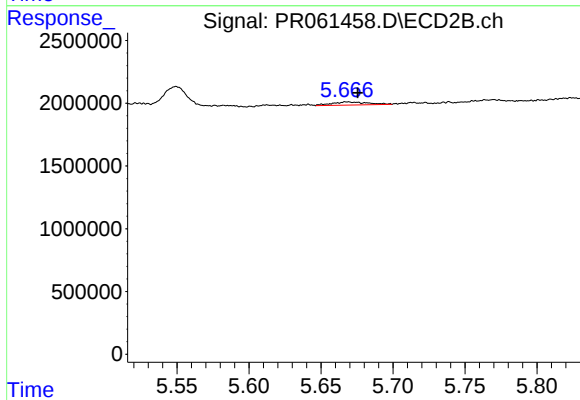
R.T.: 6.220 min
Delta R.T.: -0.007 min
Response: 2867912
Conc: 11.65 ng/ml



#31 AR-1260-1

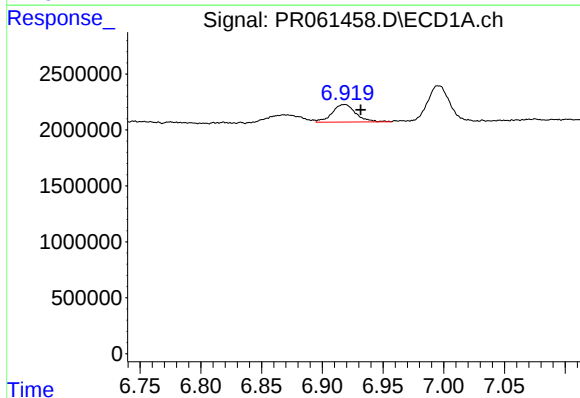
R.T.: 0.000 min
Exp R.T.: 6.650 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



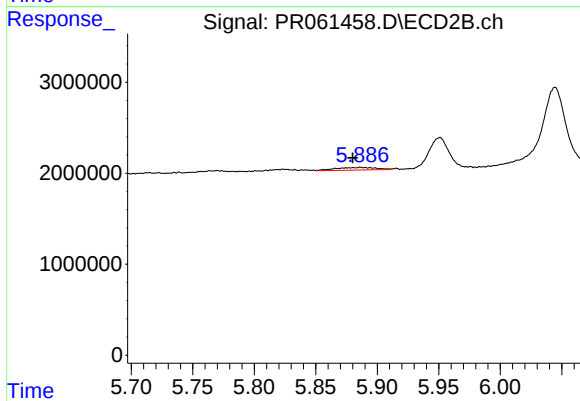
#31 AR-1260-1

R.T.: 5.668 min
Delta R.T.: -0.008 min
Response: 438640
Conc: 2.57 ng/ml



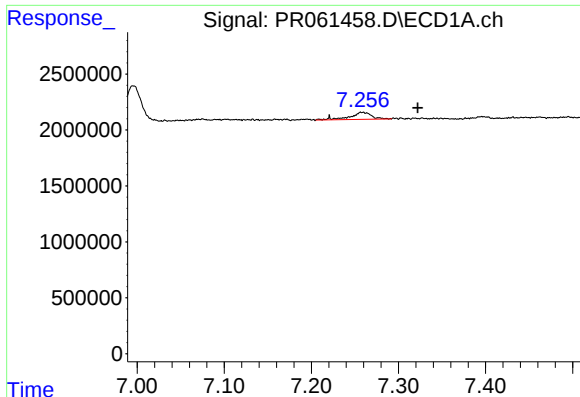
#32 AR-1260-2

R.T.: 6.918 min
Delta R.T.: -0.013 min
Response: 2110712
Conc: 17.93 ng/ml



#32 AR-1260-2

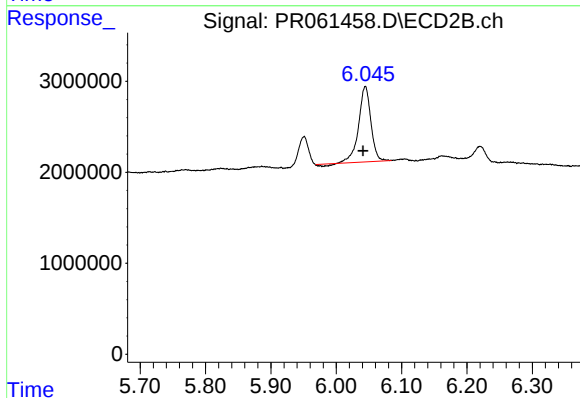
R.T.: 5.886 min
Delta R.T.: 0.006 min
Response: 650360
Conc: 3.11 ng/ml



#33 AR-1260-3

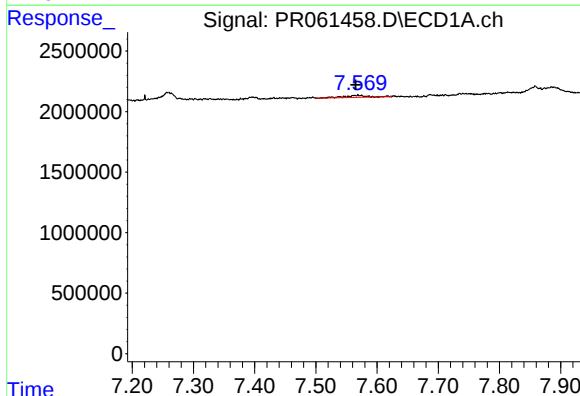
R.T.: 7.258 min
Delta R.T.: -0.064 min
Response: 1063547
Conc: 12.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



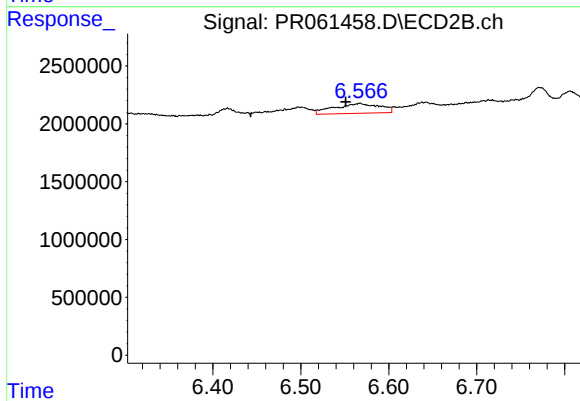
#33 AR-1260-3

R.T.: 6.045 min
Delta R.T.: 0.004 min
Response: 10690289
Conc: 51.48 ng/ml



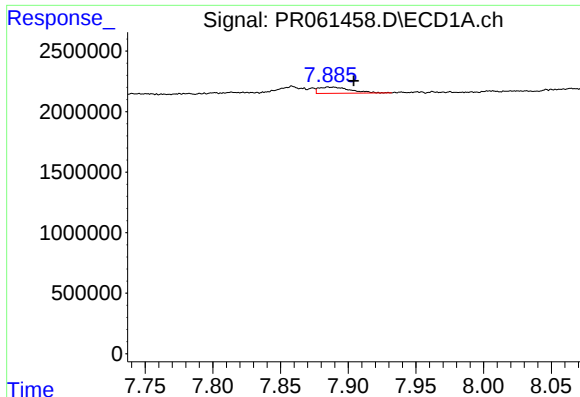
#34 AR-1260-4

R.T.: 7.569 min
Delta R.T.: 0.004 min
Response: 420531
Conc: 4.53 ng/ml



#34 AR-1260-4

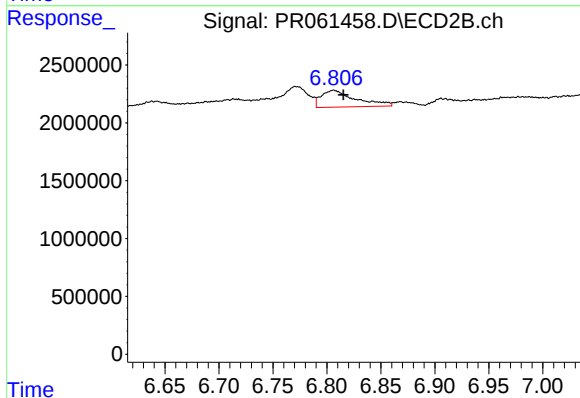
R.T.: 6.567 min
Delta R.T.: 0.016 min
Response: 3050839
Conc: 18.05 ng/ml



#35 AR-1260-5

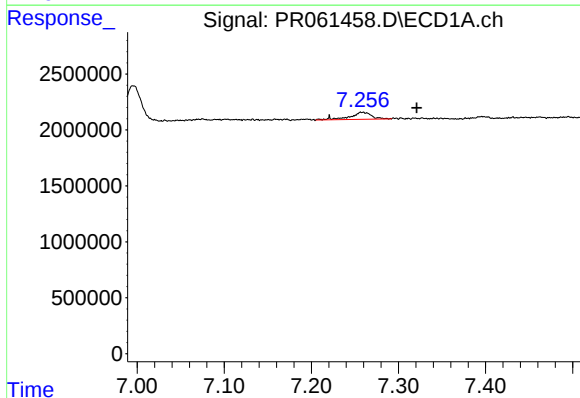
R.T.: 7.886 min
Delta R.T.: -0.018 min
Response: 847602
Conc: 4.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



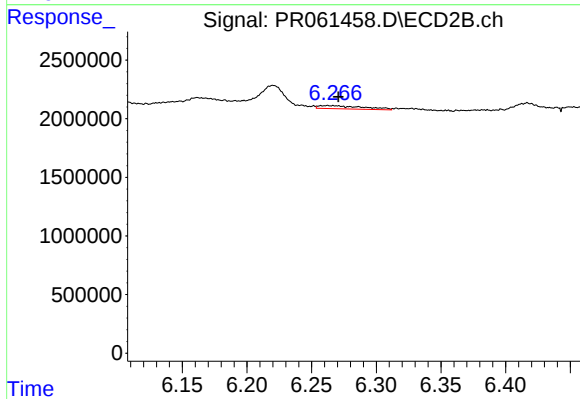
#35 AR-1260-5

R.T.: 6.806 min
Delta R.T.: -0.009 min
Response: 3227641
Conc: 7.96 ng/ml



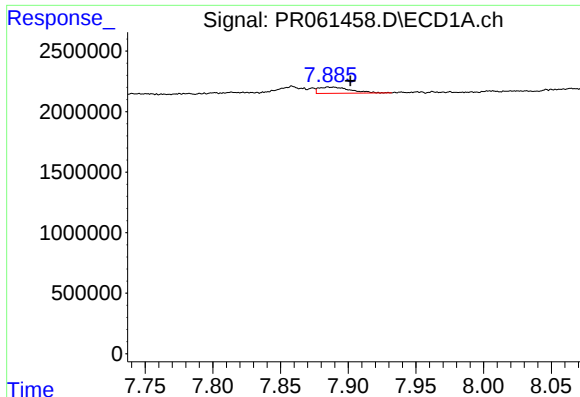
#36 AR-1262-1

R.T.: 7.258 min
Delta R.T.: -0.063 min
Response: 1063547
Conc: 7.65 ng/ml



#36 AR-1262-1

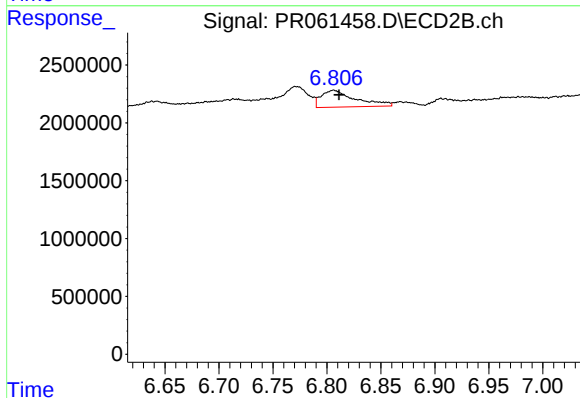
R.T.: 6.262 min
Delta R.T.: -0.008 min
Response: 657824
Conc: 2.49 ng/ml



#37 AR-1262-2

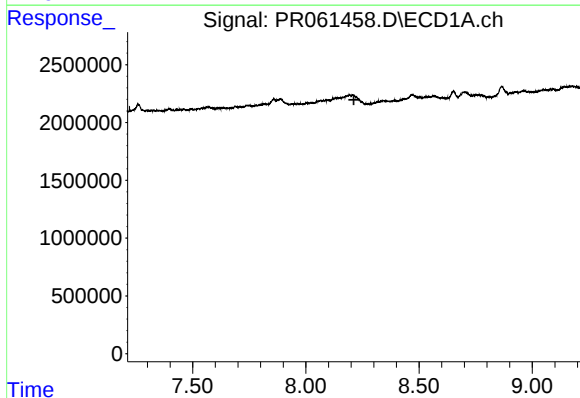
R.T.: 7.886 min
Delta R.T.: -0.016 min
Response: 847602
Conc: 3.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



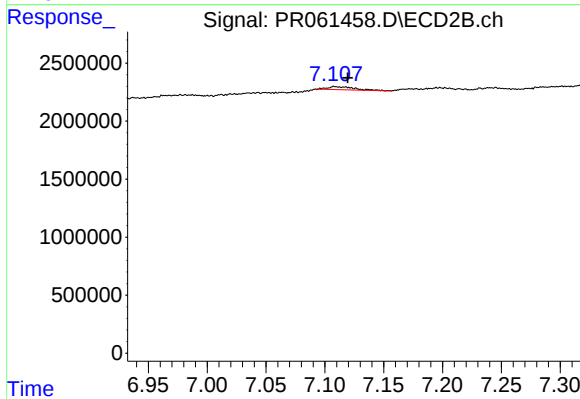
#37 AR-1262-2

R.T.: 6.806 min
Delta R.T.: -0.005 min
Response: 3227641
Conc: 6.52 ng/ml



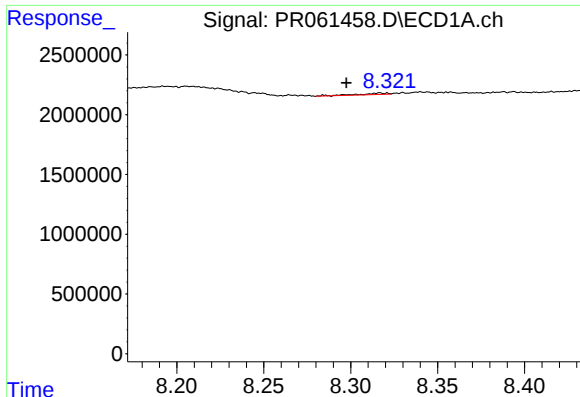
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.212 min
Response: 0
Conc: N.D.



#38 AR-1262-3

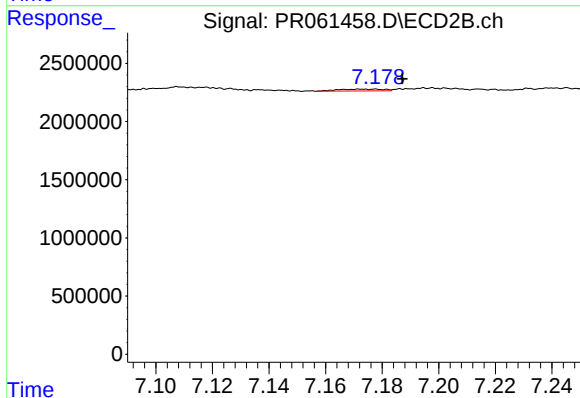
R.T.: 7.108 min
Delta R.T.: -0.011 min
Response: 425086
Conc: 2.44 ng/ml



#39 AR-1262-4

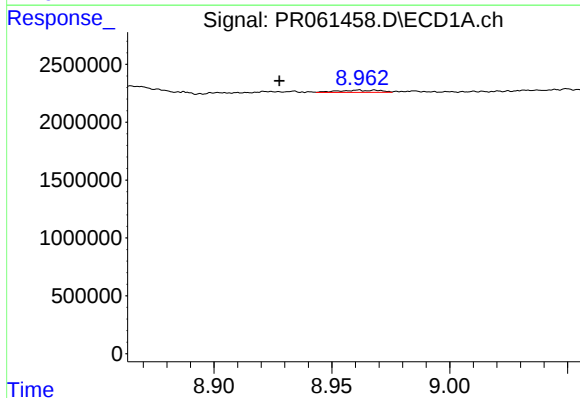
R.T.: 8.317 min
Delta R.T.: 0.019 min
Response: 128214
Conc: 1.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



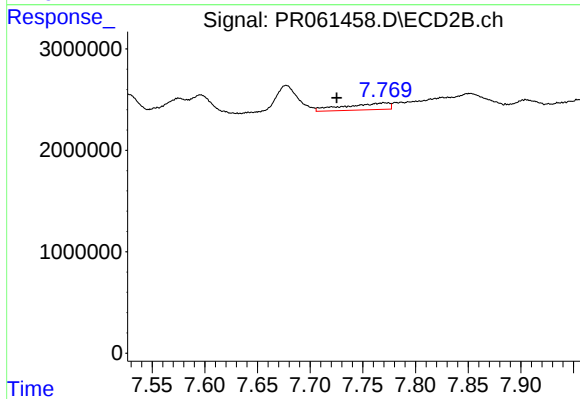
#39 AR-1262-4

R.T.: 7.177 min
Delta R.T.: -0.010 min
Response: 176417
Conc: 0.49 ng/ml



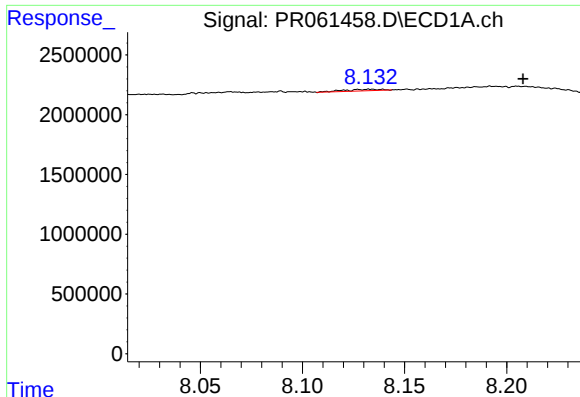
#40 AR-1262-5

R.T.: 8.961 min
Delta R.T.: 0.034 min
Response: 246026
Conc: 3.34 ng/ml



#40 AR-1262-5

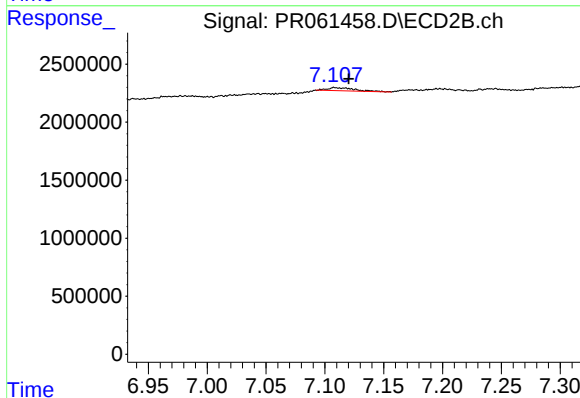
R.T.: 7.770 min
Delta R.T.: 0.045 min
Response: 1953381
Conc: 11.21 ng/ml



#41 AR-1268-1

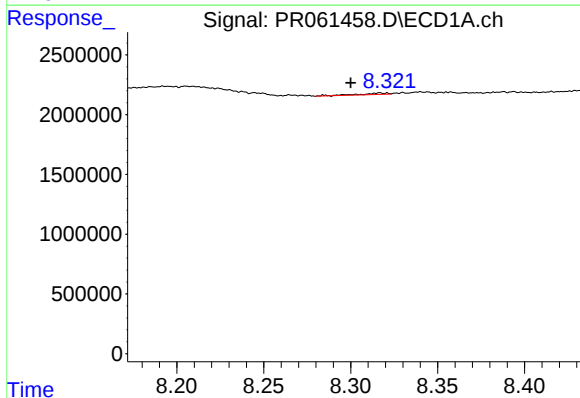
R.T.: 8.139 min
Delta R.T.: -0.069 min
Response: 168402
Conc: 0.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



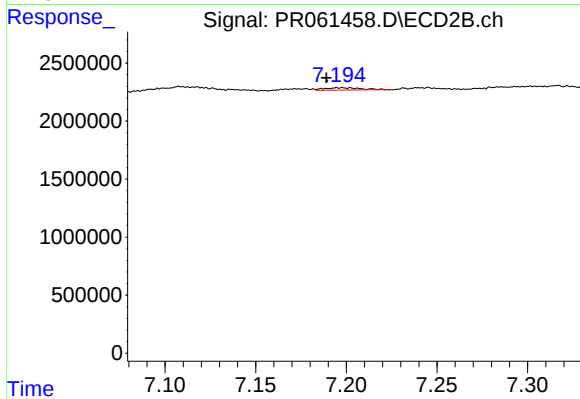
#41 AR-1268-1

R.T.: 7.108 min
Delta R.T.: -0.012 min
Response: 425086
Conc: 1.02 ng/ml



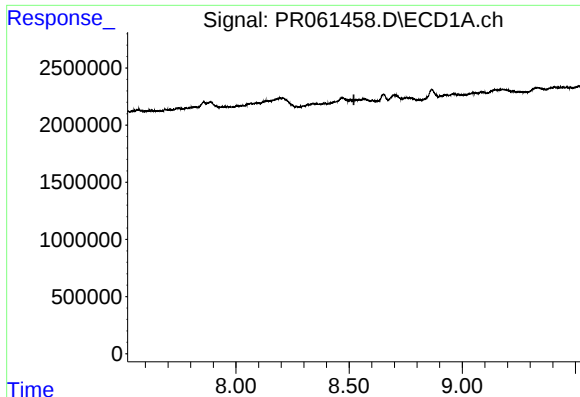
#42 AR-1268-2

R.T.: 8.317 min
Delta R.T.: 0.017 min
Response: 128214
Conc: 0.74 ng/ml



#42 AR-1268-2

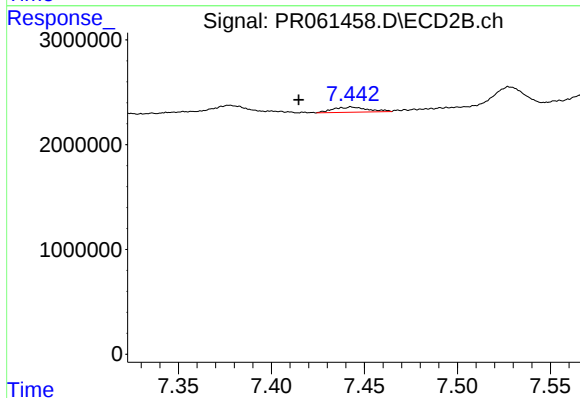
R.T.: 7.197 min
Delta R.T.: 0.008 min
Response: 295769
Conc: 0.77 ng/ml



#43 AR-1268-3

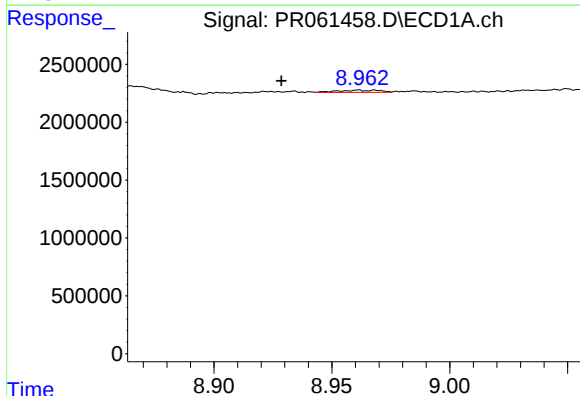
R.T.: 8.466 min
Delta R.T.: -0.055 min
Response: -17600
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



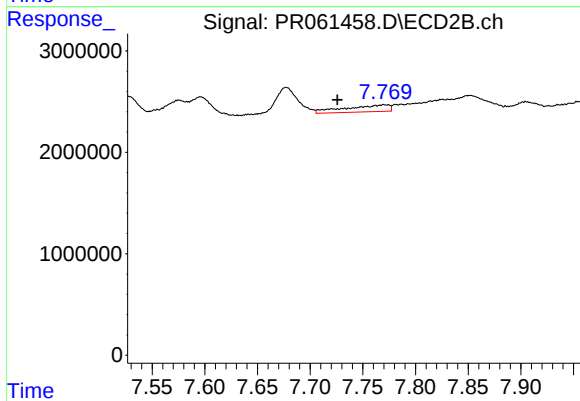
#43 AR-1268-3

R.T.: 7.443 min
Delta R.T.: 0.028 min
Response: 641580
Conc: 1.92 ng/ml



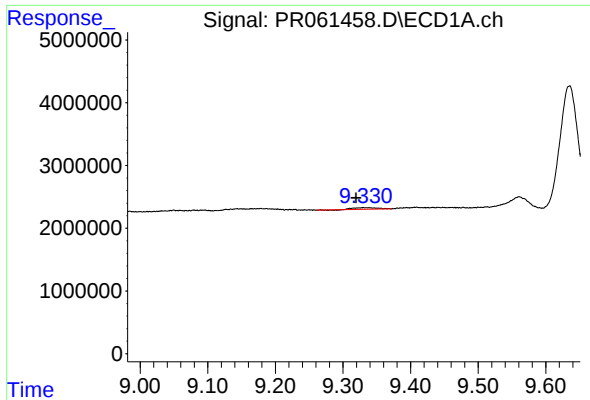
#44 AR-1268-4

R.T.: 8.961 min
Delta R.T.: 0.033 min
Response: 246026
Conc: 3.98 ng/ml



#44 AR-1268-4

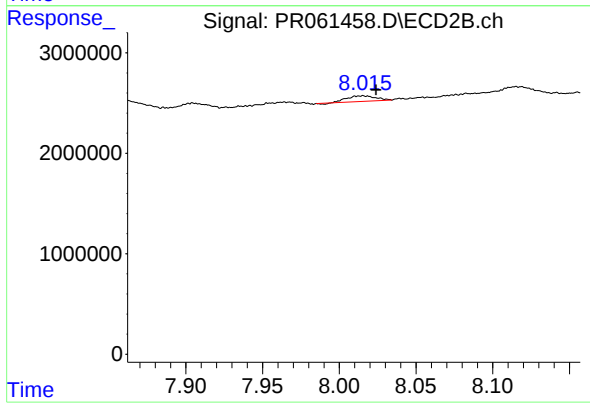
R.T.: 7.770 min
Delta R.T.: 0.044 min
Response: 1953381
Conc: 13.36 ng/ml



#45 AR-1268-5

R.T.: 9.331 min
Delta R.T.: 0.012 min
Response: 545050
Conc: 1.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.015 min
Delta R.T.: -0.008 min
Response: 700737
Conc: 0.65 ng/ml