

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051123\
 Data File : PR061374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 18:28
 Operator : YP\AJ
 Sample : 02694-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:45:12 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...	3.697	2.970	33283411	38413729	11.885	12.855
2)	SA Decachlor...	9.636	8.270	23947723	55202689	17.330	17.184
Target Compounds							
3)	L1 AR-1016-1	4.875f	4.116	555908	102491	6.811	0.984 #
4)	L1 AR-1016-2	0.000	4.127	0	221909	N.D.	1.499 #
5)	L1 AR-1016-3	5.025	4.297	347070	154180	4.584	1.950 #
6)	L1 AR-1016-4	0.000	4.348	0	82183	N.D.	1.353 #
7)	L1 AR-1016-5	0.000	4.568	0	447161	N.D.	5.399 #
8)	L2 AR-1221-1	3.904	3.184	588934	394267	17.454	10.149 #
9)	L2 AR-1221-2	0.000	3.277	0	572910	N.D.	20.886 #
10)	L2 AR-1221-3	0.000	3.362	0	272033	N.D.	3.047 #
11)	L3 AR-1232-1	0.000	3.362	0	272033	N.D.	3.786 #
12)	L3 AR-1232-2	0.000	4.116	0	102491	N.D.	1.545 #
13)	L3 AR-1232-3	0.000	4.297	0	154180	N.D.	4.316 #
14)	L3 AR-1232-4	0.000	4.379	0	122851	N.D.	4.050 #
15)	L3 AR-1232-5	0.000	4.568	0	447161	N.D.	12.520 #
16)	L4 AR-1242-1	4.875f	4.116	555908	102491	7.870	1.157 #
17)	L4 AR-1242-2	0.000	4.116	0	102491	N.D.	0.815 #
18)	L4 AR-1242-3	5.025	4.297	347070	154180	5.261	2.246 #
19)	L4 AR-1242-4	0.000	4.379	0	122851	N.D.	1.890 #
20)	L4 AR-1242-5	0.000	4.965	0	192334	N.D.	2.278 #
21)	L5 AR-1248-1	4.875f	4.116	555908	102491	10.296	1.500 #
22)	L5 AR-1248-2	0.000	4.348	0	82183	N.D.	0.850 #
23)	L5 AR-1248-3	0.000	4.379	0	122851	N.D.	1.239 #
24)	L5 AR-1248-4	0.000	4.568	0	447161	N.D.	3.698 #
25)	L5 AR-1248-5	0.000	4.984	0	213816	N.D.	1.774 #
26)	L6 AR-1254-1	0.000	4.965	0	192334	N.D.	1.043 #
27)	L6 AR-1254-2	0.000	5.107	0	72162	N.D.	0.456 #
28)	L6 AR-1254-3	0.000	5.520	0	612536	N.D.	2.300 #
29)	L6 AR-1254-4	0.000	5.769	0	257729	N.D.	1.533 #
30)	L6 AR-1254-5	7.200f	6.228	449616	2090238	4.201	8.490 #
31)	L7 AR-1260-1	0.000	5.667	0	148984	N.D.	0.874 #
32)	L7 AR-1260-2	6.916	5.874	533119	205403	4.529	0.982 #
33)	L7 AR-1260-3	0.000	6.049	0	13627889	N.D.	65.625 #
34)	L7 AR-1260-4	0.000	6.552	0	422127	N.D.	2.497 #
35)	L7 AR-1260-5	7.889	6.815	835927	1235056	4.726	3.046 #
36)	L8 AR-1262-1	0.000	6.286	0	506713	N.D.	1.916 #
37)	L8 AR-1262-2	7.889	6.815	835927	1235056	3.701	2.496 #
38)	L8 AR-1262-3	0.000	7.144	0	271613	N.D.	1.562 #
39)	L8 AR-1262-4	0.000	7.196	0	522056	N.D.	1.449 #
40)	L8 AR-1262-5	8.881f	7.700	140698	7279153	1.911	41.780 #
41)	L9 AR-1268-1	0.000	7.144	0	271613	N.D.	0.654 #

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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	0.000	7.196	0	522056	N.D.	1.364 #
43) L9	AR-1268-3	8.530	7.413	370936	127970	2.443	0.383 #
44) L9	AR-1268-4	8.881f	7.700	140698	7279153	2.275	49.788 #
45) L9	AR-1268-5	0.000	8.016	0	241889	N.D.	0.225 #

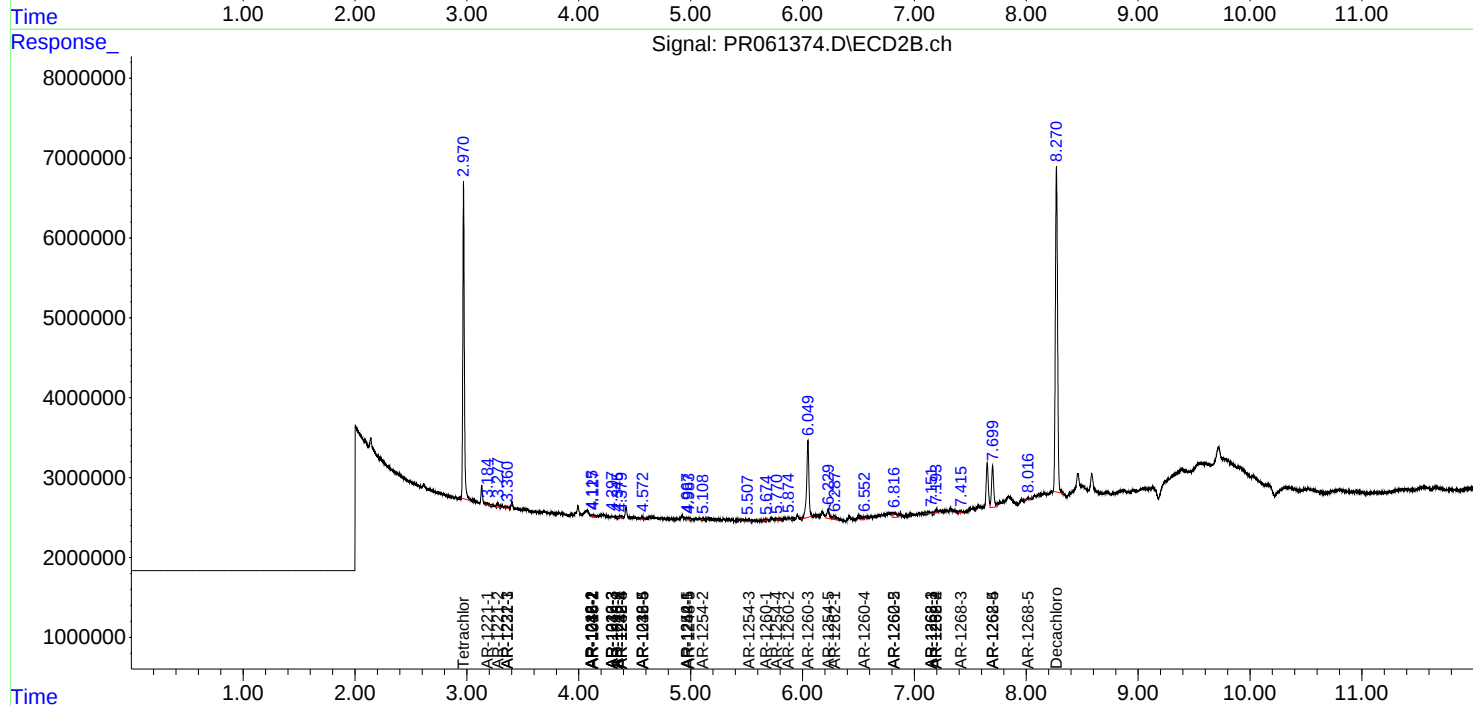
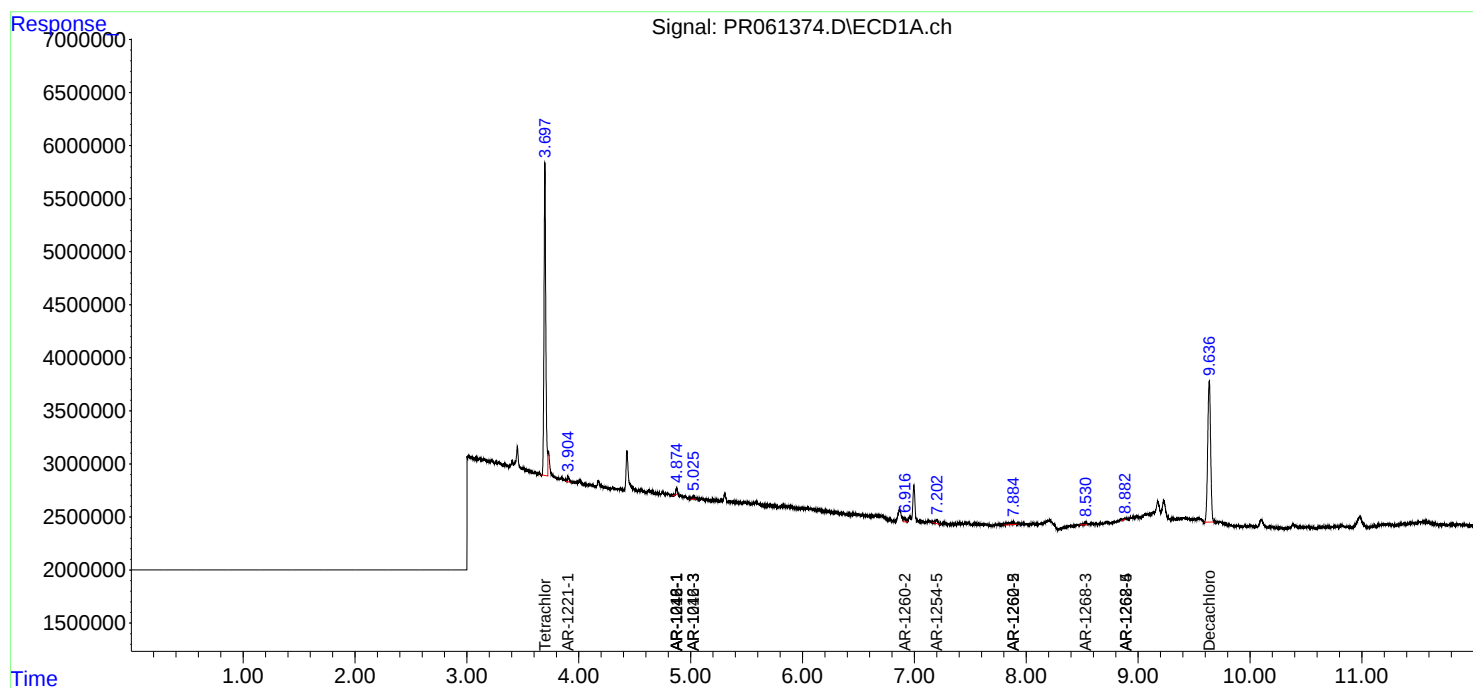
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

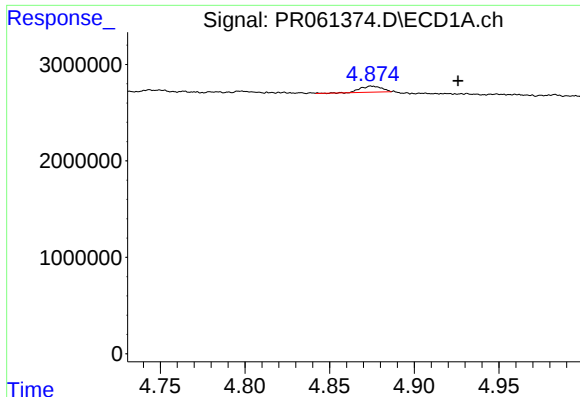
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
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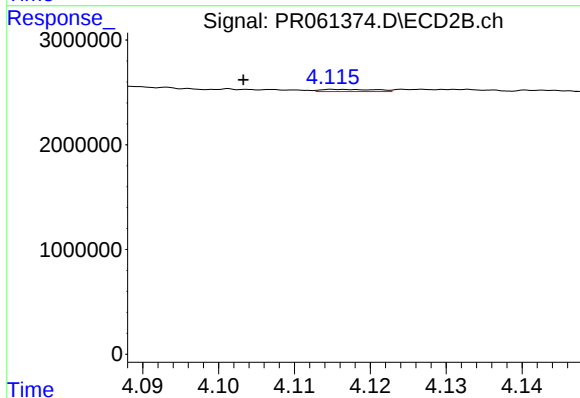




#3 AR-1016-1

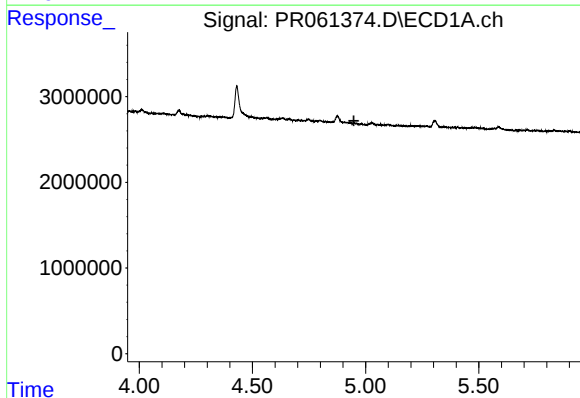
R.T.: 4.875 min
Delta R.T.: -0.051 min
Response: 555908
Conc: 6.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



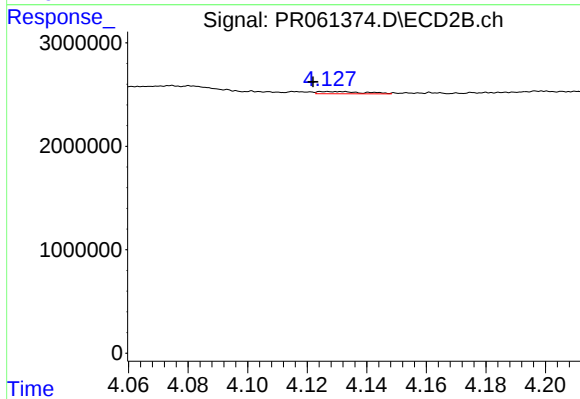
#3 AR-1016-1

R.T.: 4.116 min
Delta R.T.: 0.013 min
Response: 102491
Conc: 0.98 ng/ml



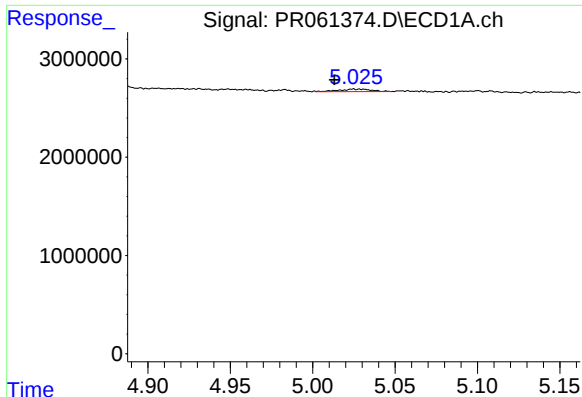
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#4 AR-1016-2

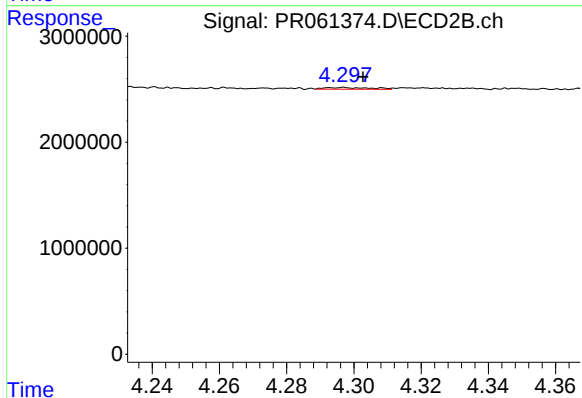
R.T.: 4.127 min
Delta R.T.: 0.005 min
Response: 221909
Conc: 1.50 ng/ml



#5 AR-1016-3

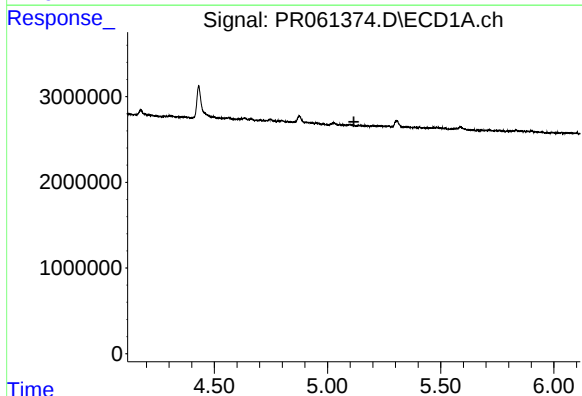
R.T.: 5.025 min
Delta R.T.: 0.012 min
Response: 347070
Conc: 4.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



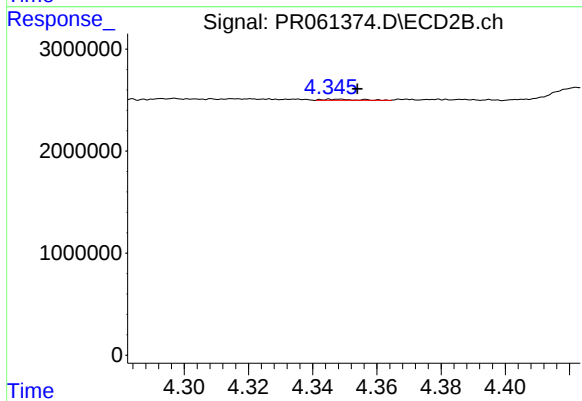
#5 AR-1016-3

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 154180
Conc: 1.95 ng/ml



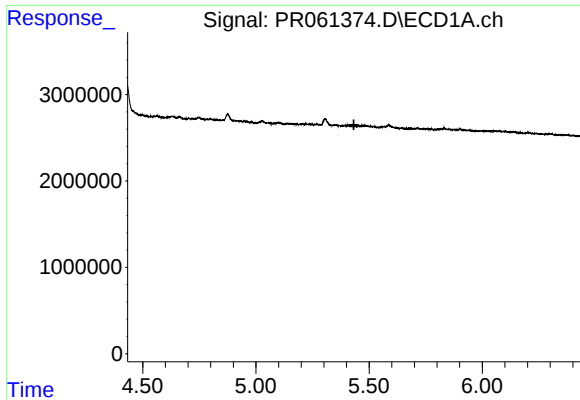
#6 AR-1016-4

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



#6 AR-1016-4

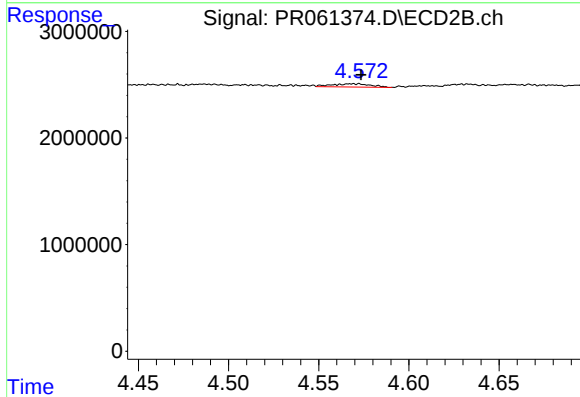
R.T.: 4.348 min
Delta R.T.: -0.006 min
Response: 82183
Conc: 1.35 ng/ml



#7 AR-1016-5

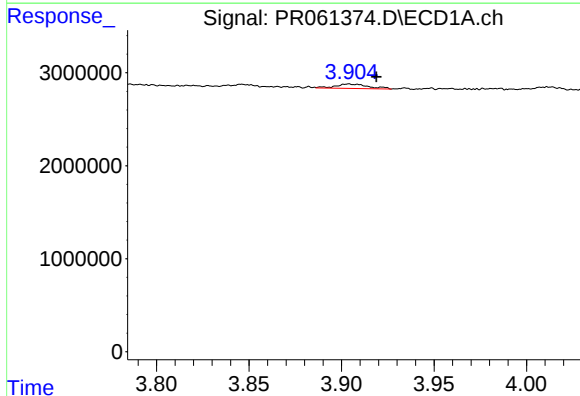
R.T.: 0.000 min
Exp R.T.: 5.433 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



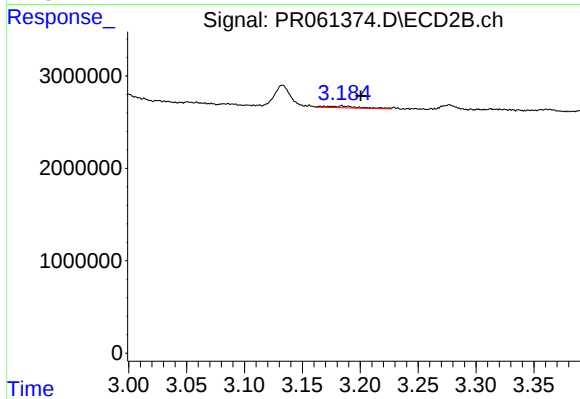
#7 AR-1016-5

R.T.: 4.568 min
Delta R.T.: -0.005 min
Response: 447161
Conc: 5.40 ng/ml



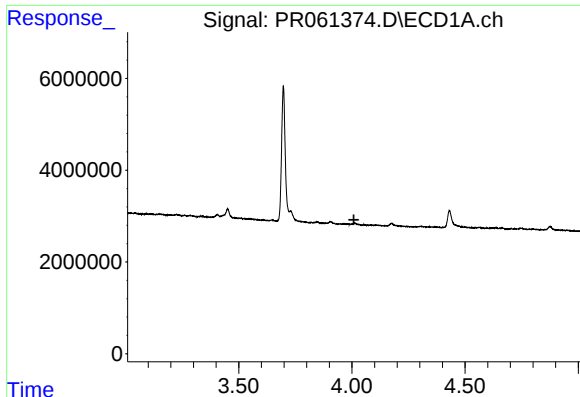
#8 AR-1221-1

R.T.: 3.904 min
Delta R.T.: -0.015 min
Response: 588934
Conc: 17.45 ng/ml



#8 AR-1221-1

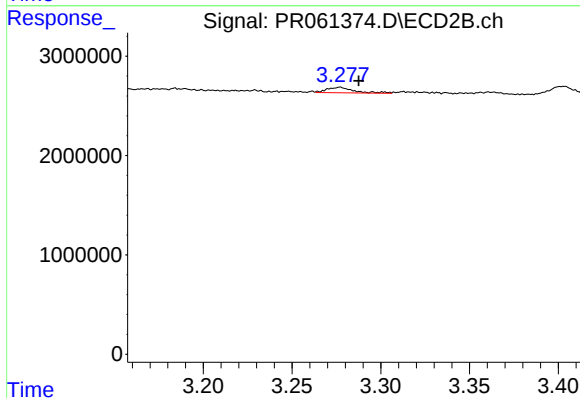
R.T.: 3.184 min
Delta R.T.: -0.016 min
Response: 394267
Conc: 10.15 ng/ml



#9 AR-1221-2

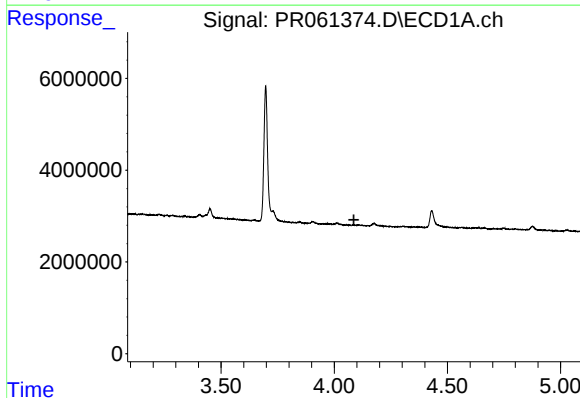
R.T.: 0.000 min
Exp R.T.: 4.009 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



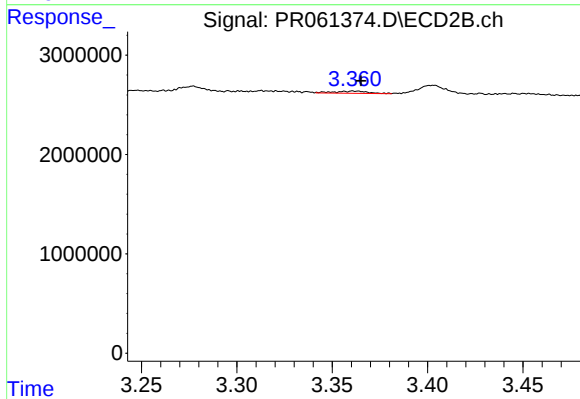
#9 AR-1221-2

R.T.: 3.277 min
Delta R.T.: -0.010 min
Response: 572910
Conc: 20.89 ng/ml



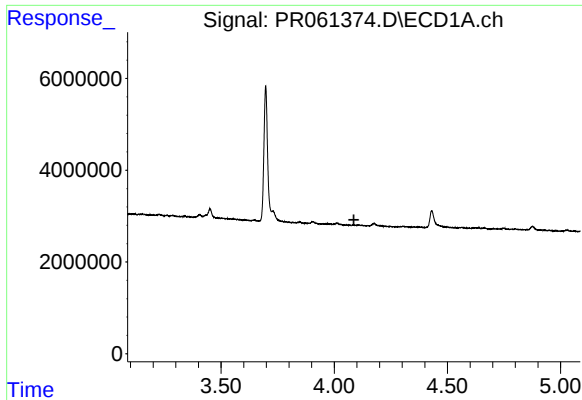
#10 AR-1221-3

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



#10 AR-1221-3

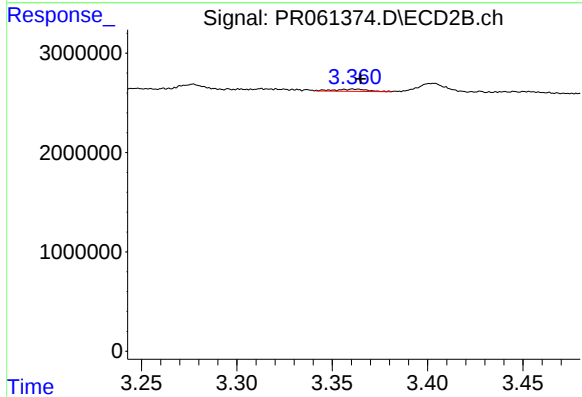
R.T.: 3.362 min
Delta R.T.: -0.004 min
Response: 272033
Conc: 3.05 ng/ml



#11 AR-1232-1

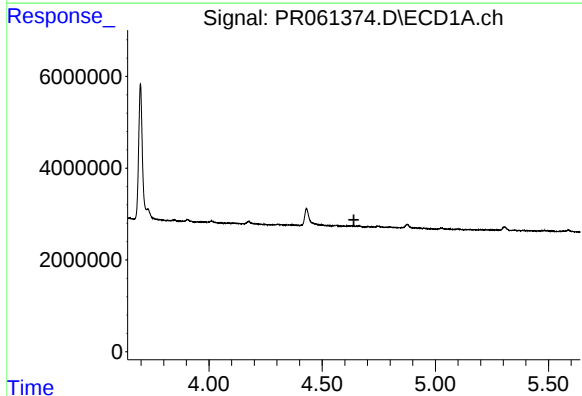
R.T.: 0.000 min
Exp R.T.: 4.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



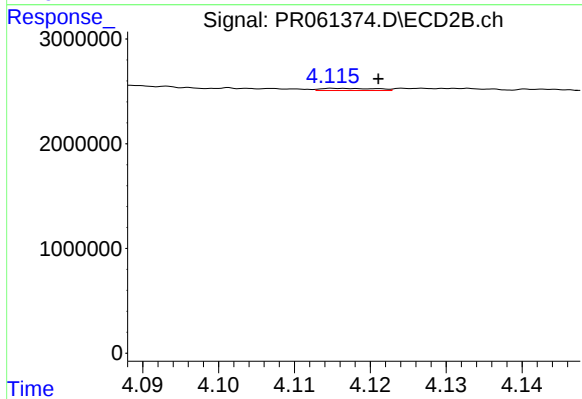
#11 AR-1232-1

R.T.: 3.362 min
Delta R.T.: -0.003 min
Response: 272033
Conc: 3.79 ng/ml



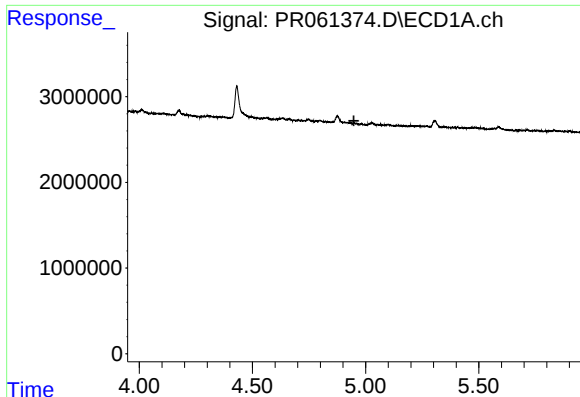
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 4.640 min
Response: 0
Conc: N.D.



#12 AR-1232-2

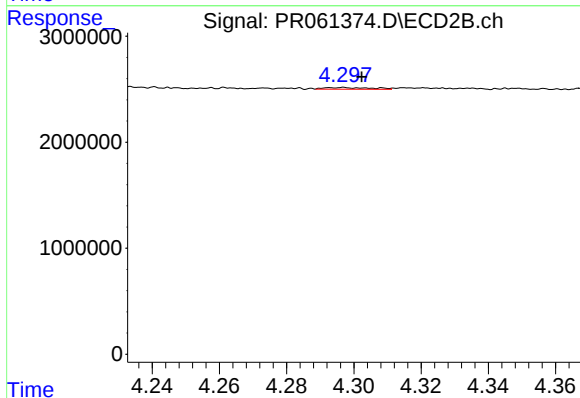
R.T.: 4.116 min
Delta R.T.: -0.005 min
Response: 102491
Conc: 1.55 ng/ml



#13 AR-1232-3

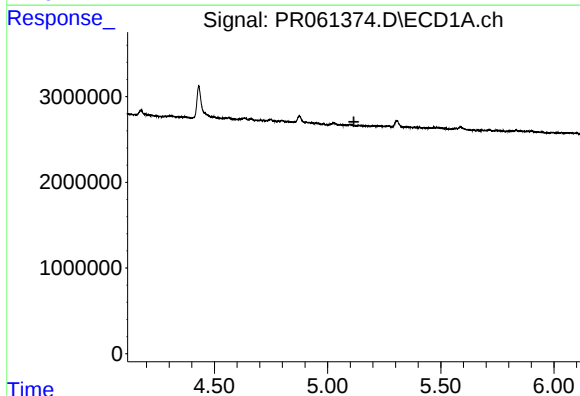
R.T.: 0.000 min
Exp R.T.: 4.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



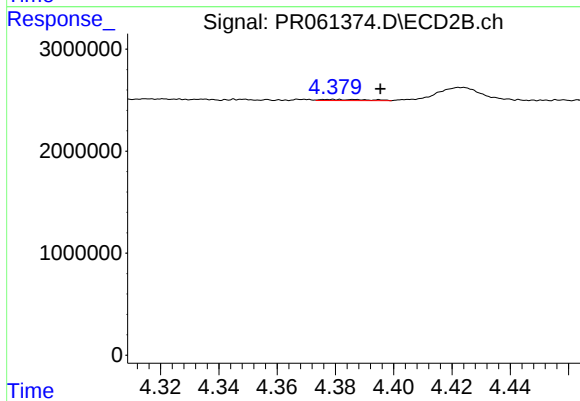
#13 AR-1232-3

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 154180
Conc: 4.32 ng/ml



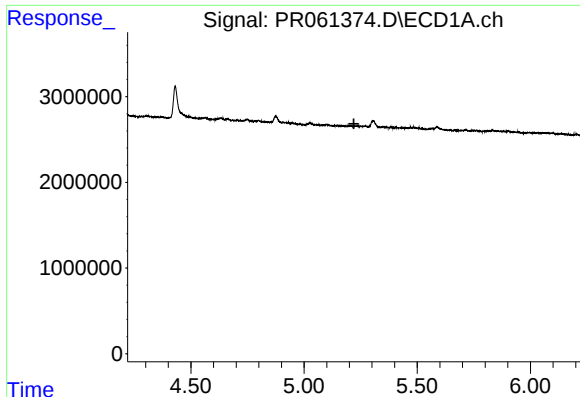
#14 AR-1232-4

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



#14 AR-1232-4

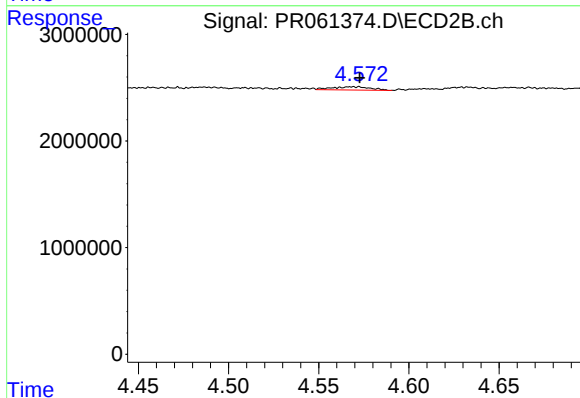
R.T.: 4.379 min
Delta R.T.: -0.016 min
Response: 122851
Conc: 4.05 ng/ml



#15 AR-1232-5

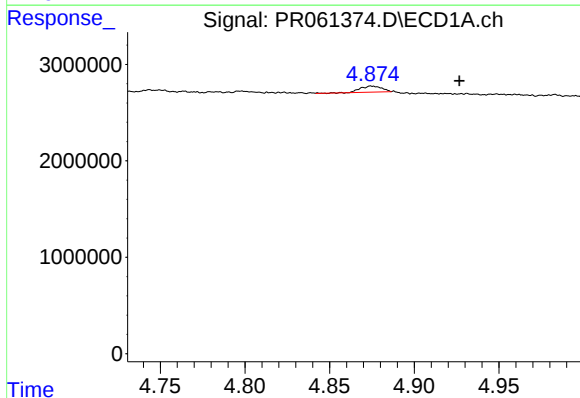
R.T.: 0.000 min
Exp R.T.: 5.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



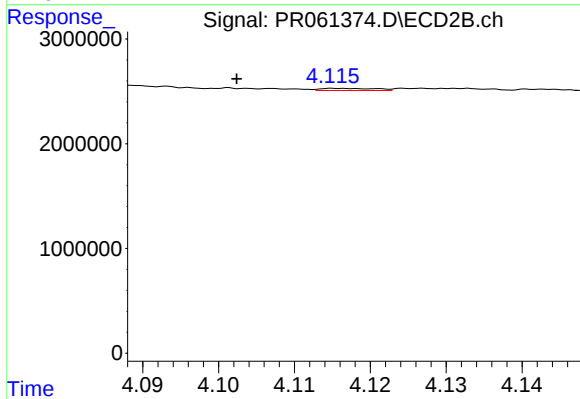
#15 AR-1232-5

R.T.: 4.568 min
Delta R.T.: -0.005 min
Response: 447161
Conc: 12.52 ng/ml



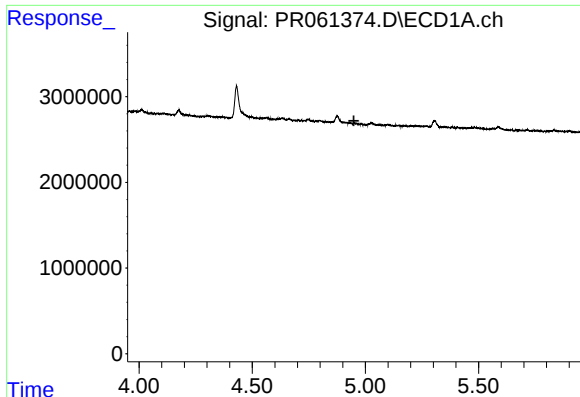
#16 AR-1242-1

R.T.: 4.875 min
Delta R.T.: -0.052 min
Response: 555908
Conc: 7.87 ng/ml



#16 AR-1242-1

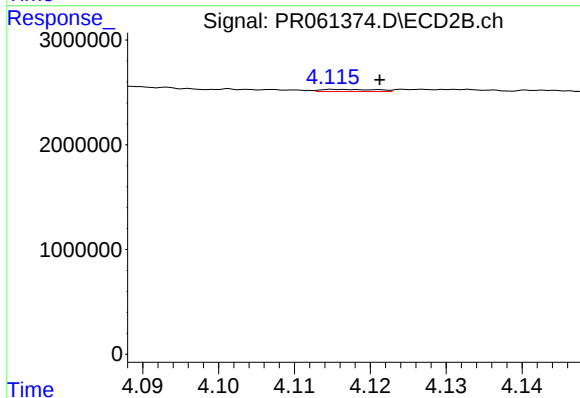
R.T.: 4.116 min
Delta R.T.: 0.014 min
Response: 102491
Conc: 1.16 ng/ml



#17 AR-1242-2

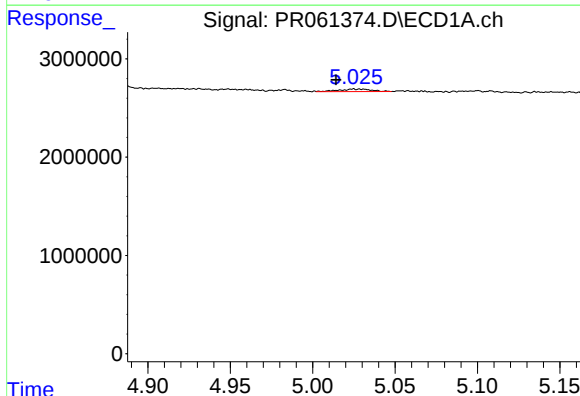
R.T.: 0.000 min
Exp R.T.: 4.949 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



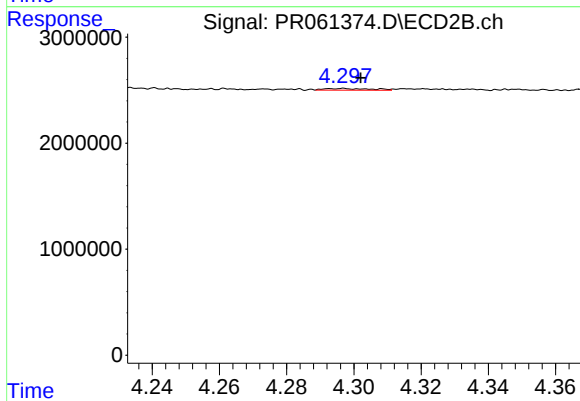
#17 AR-1242-2

R.T.: 4.116 min
Delta R.T.: -0.005 min
Response: 102491
Conc: 0.81 ng/ml



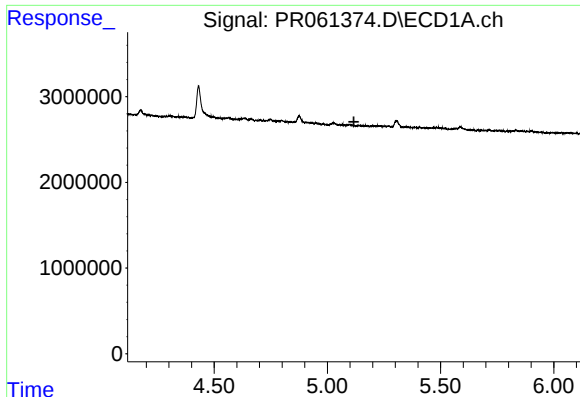
#18 AR-1242-3

R.T.: 5.025 min
Delta R.T.: 0.011 min
Response: 347070
Conc: 5.26 ng/ml



#18 AR-1242-3

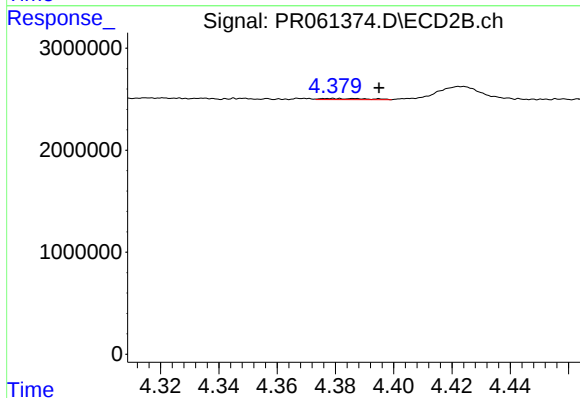
R.T.: 4.297 min
Delta R.T.: -0.005 min
Response: 154180
Conc: 2.25 ng/ml



#19 AR-1242-4

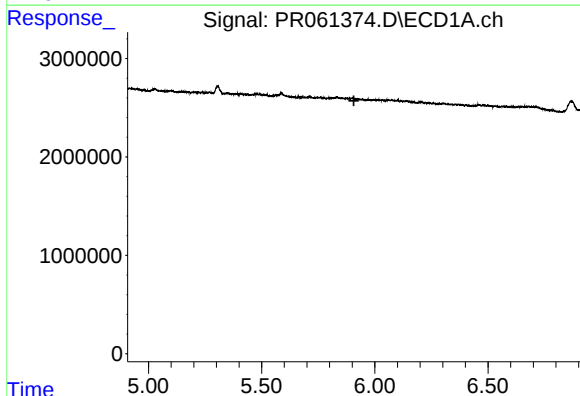
R.T.: 0.000 min
Exp R.T.: 5.117 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



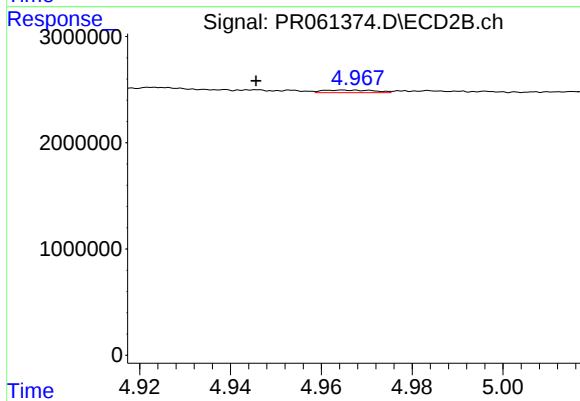
#19 AR-1242-4

R.T.: 4.379 min
Delta R.T.: -0.016 min
Response: 122851
Conc: 1.89 ng/ml



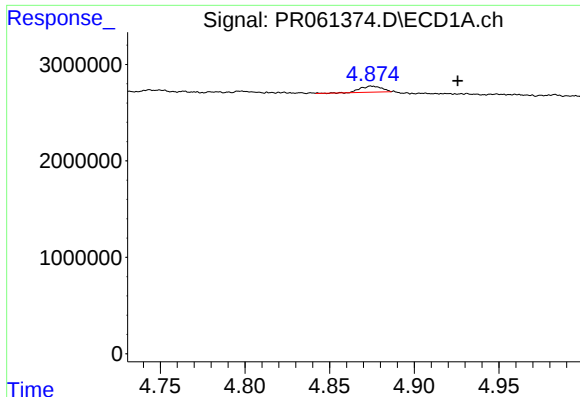
#20 AR-1242-5

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



#20 AR-1242-5

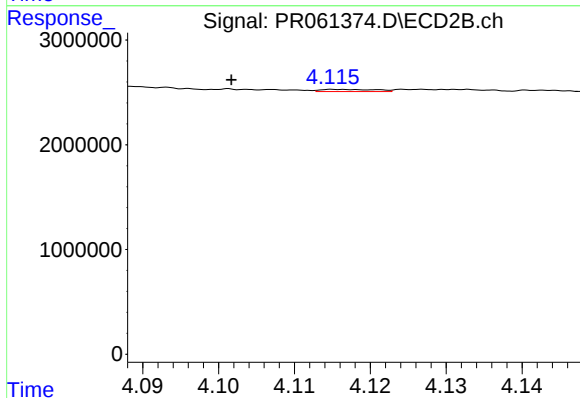
R.T.: 4.965 min
Delta R.T.: 0.019 min
Response: 192334
Conc: 2.28 ng/ml



#21 AR-1248-1

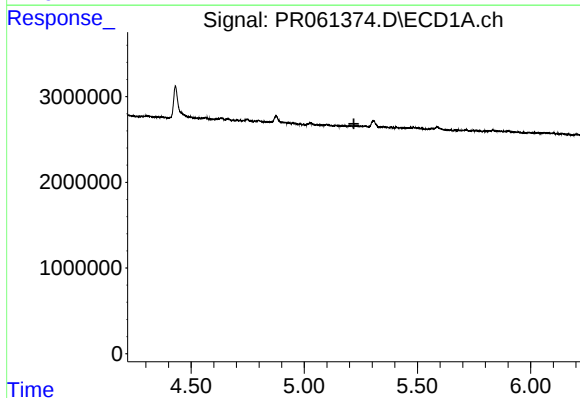
R.T.: 4.875 min
Delta R.T.: -0.051 min
Response: 555908
Conc: 10.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



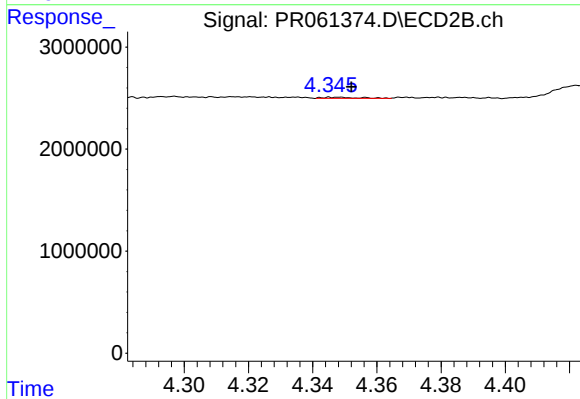
#21 AR-1248-1

R.T.: 4.116 min
Delta R.T.: 0.015 min
Response: 102491
Conc: 1.50 ng/ml



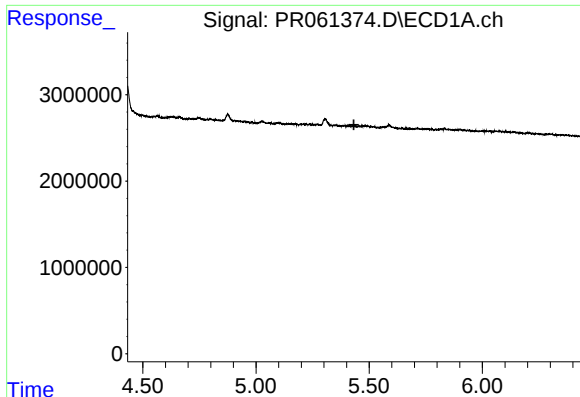
#22 AR-1248-2

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



#22 AR-1248-2

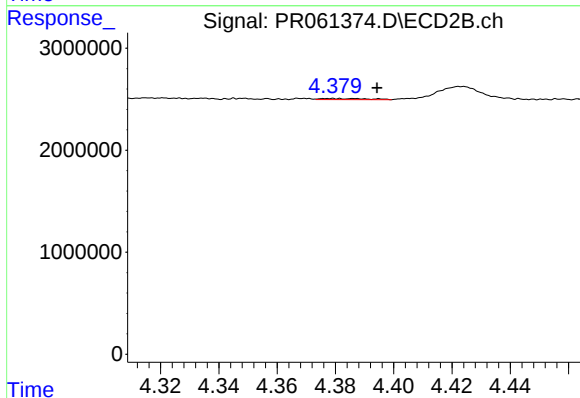
R.T.: 4.348 min
Delta R.T.: -0.004 min
Response: 82183
Conc: 0.85 ng/ml



#23 AR-1248-3

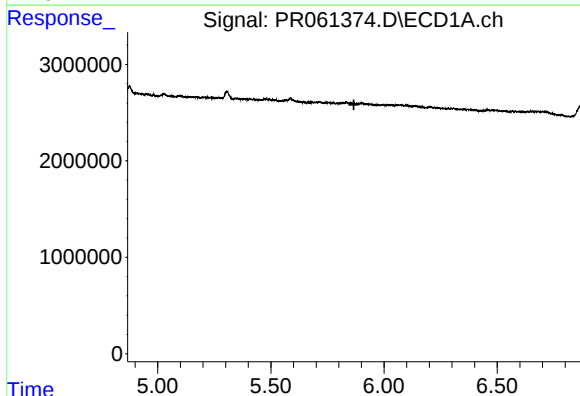
R.T.: 0.000 min
Exp R.T.: 5.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



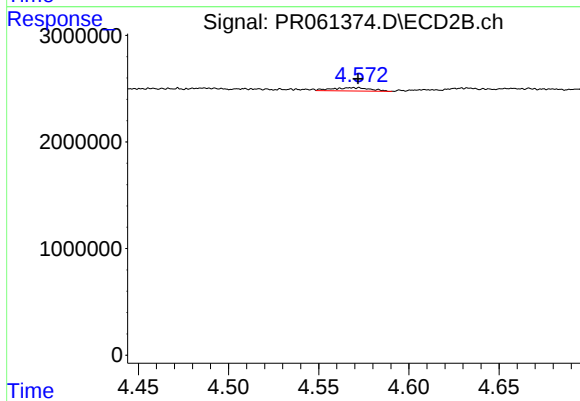
#23 AR-1248-3

R.T.: 4.379 min
Delta R.T.: -0.015 min
Response: 122851
Conc: 1.24 ng/ml



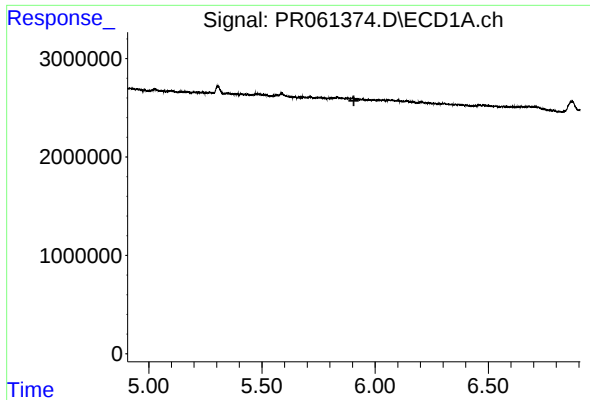
#24 AR-1248-4

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



#24 AR-1248-4

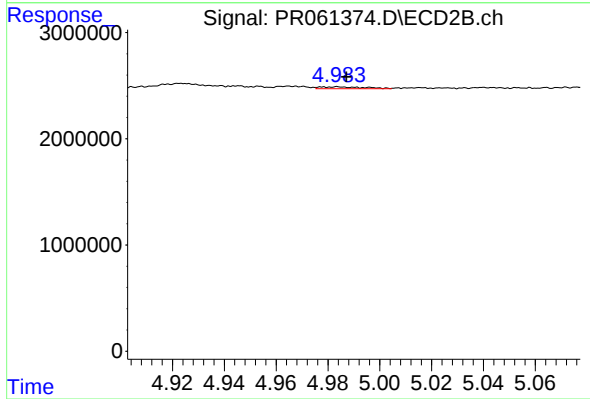
R.T.: 4.568 min
Delta R.T.: -0.004 min
Response: 447161
Conc: 3.70 ng/ml



#25 AR-1248-5

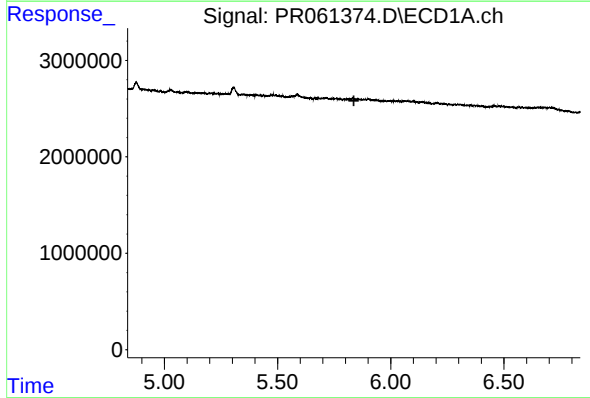
R.T.: 0.000 min
Exp R.T.: 5.906 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



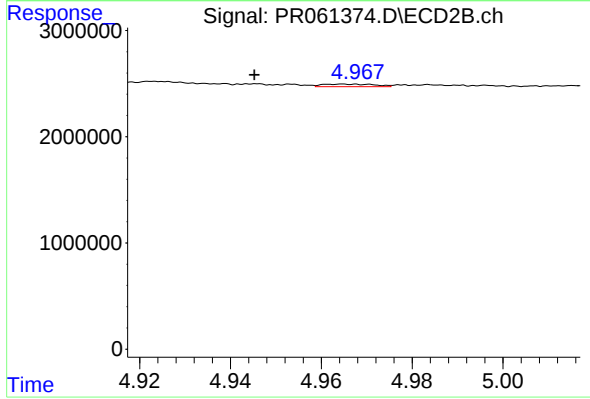
#25 AR-1248-5

R.T.: 4.984 min
Delta R.T.: -0.003 min
Response: 213816
Conc: 1.77 ng/ml



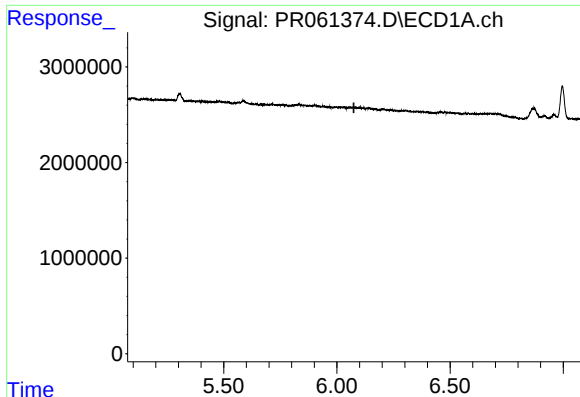
#26 AR-1254-1

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



#26 AR-1254-1

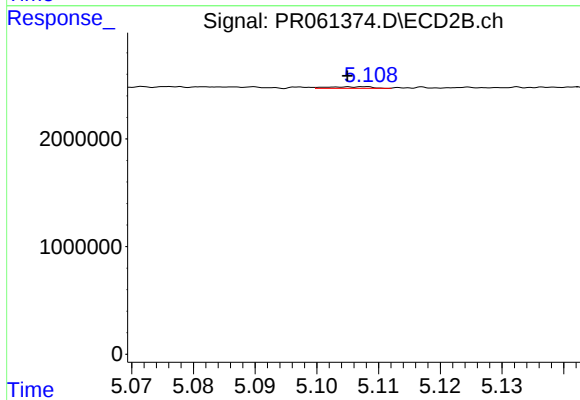
R.T.: 4.965 min
Delta R.T.: 0.020 min
Response: 192334
Conc: 1.04 ng/ml



#27 AR-1254-2

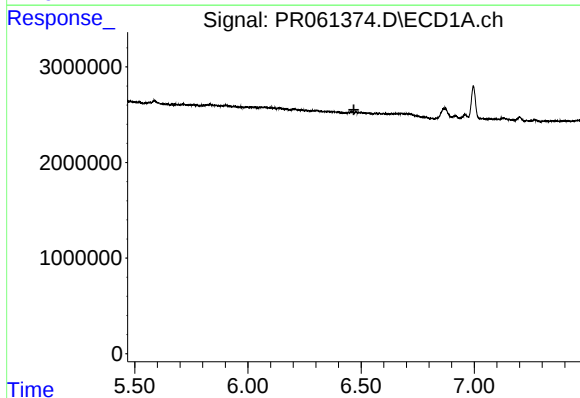
R.T.: 0.000 min
Exp R.T.: 6.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



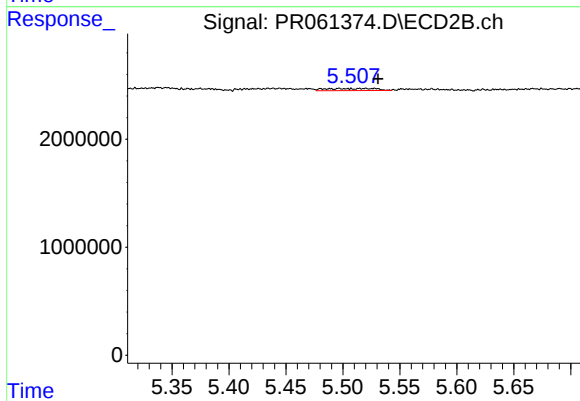
#27 AR-1254-2

R.T.: 5.107 min
Delta R.T.: 0.002 min
Response: 72162
Conc: 0.46 ng/ml



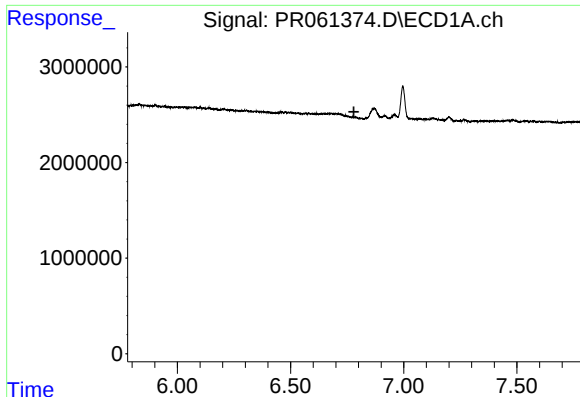
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.468 min
Response: 0
Conc: N.D.



#28 AR-1254-3

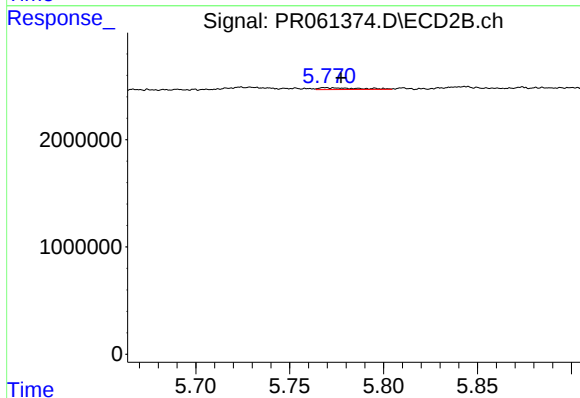
R.T.: 5.520 min
Delta R.T.: -0.011 min
Response: 612536
Conc: 2.30 ng/ml



#29 AR-1254-4

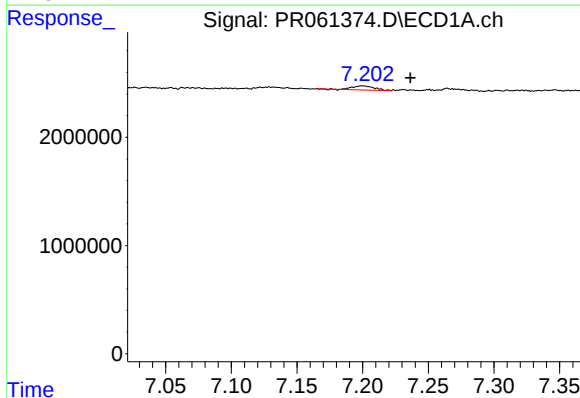
R.T.: 0.000 min
Exp R.T.: 6.780 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



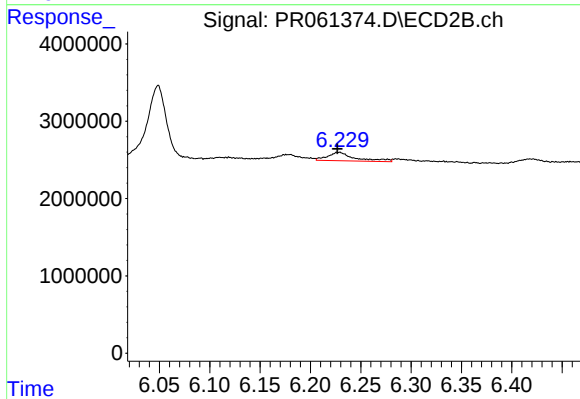
#29 AR-1254-4

R.T.: 5.769 min
Delta R.T.: -0.008 min
Response: 257729
Conc: 1.53 ng/ml



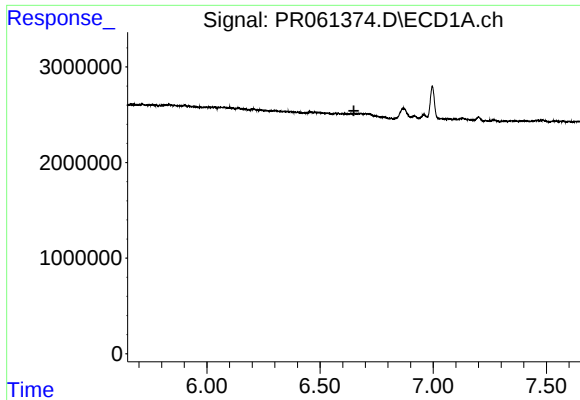
#30 AR-1254-5

R.T.: 7.200 min
Delta R.T.: -0.036 min
Response: 449616
Conc: 4.20 ng/ml



#30 AR-1254-5

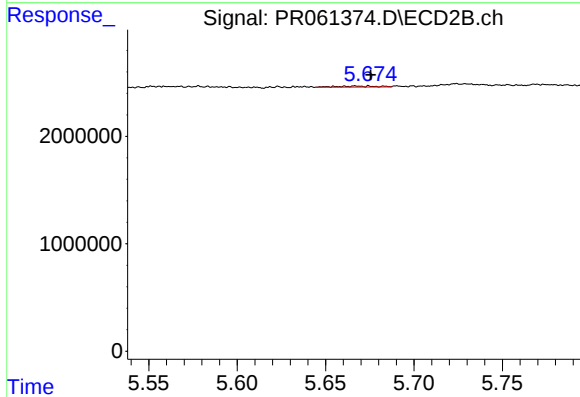
R.T.: 6.228 min
Delta R.T.: 0.001 min
Response: 2090238
Conc: 8.49 ng/ml



#31 AR-1260-1

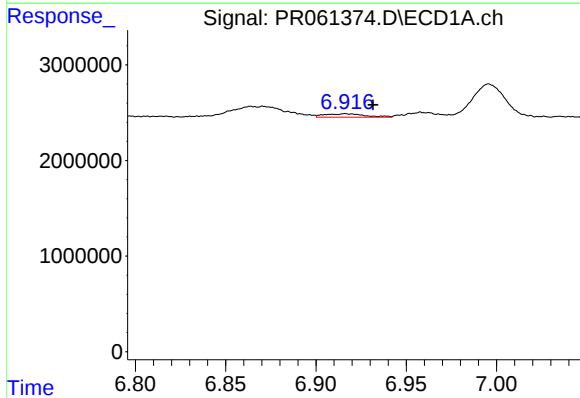
R.T.: 0.000 min
Exp R.T.: 6.650 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



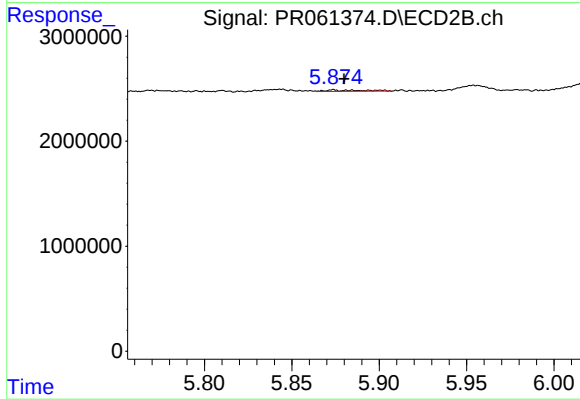
#31 AR-1260-1

R.T.: 5.667 min
Delta R.T.: -0.008 min
Response: 148984
Conc: 0.87 ng/ml



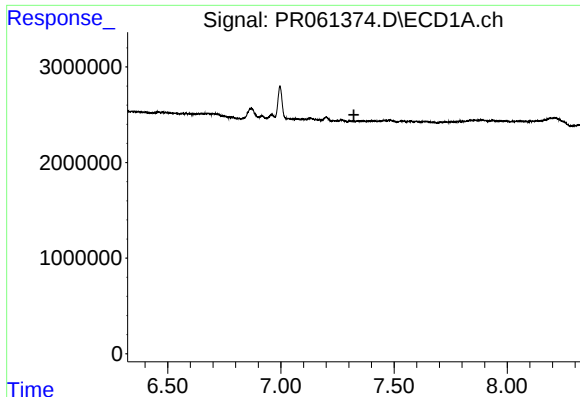
#32 AR-1260-2

R.T.: 6.916 min
Delta R.T.: -0.015 min
Response: 533119
Conc: 4.53 ng/ml



#32 AR-1260-2

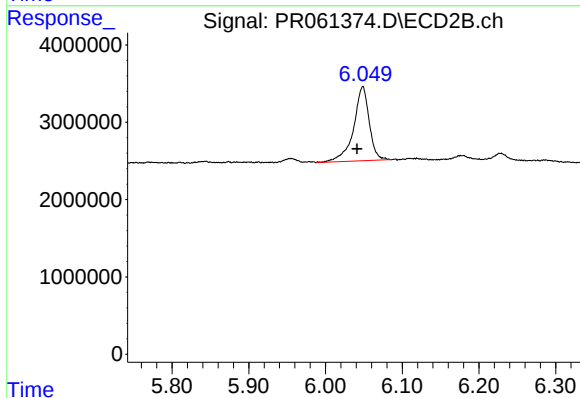
R.T.: 5.874 min
Delta R.T.: -0.006 min
Response: 205403
Conc: 0.98 ng/ml



#33 AR-1260-3

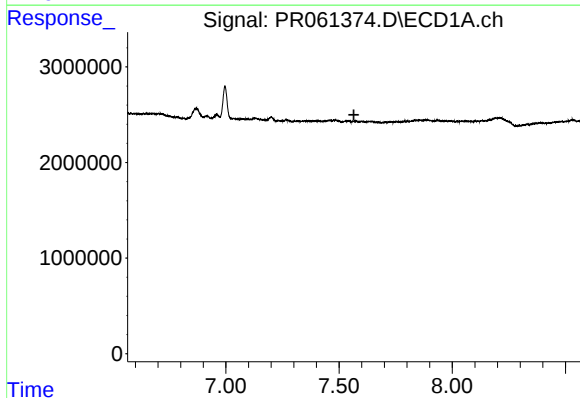
R.T.: 0.000 min
Exp R.T.: 7.322 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



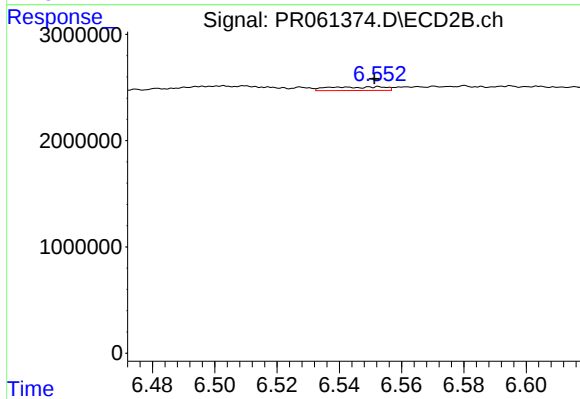
#33 AR-1260-3

R.T.: 6.049 min
Delta R.T.: 0.008 min
Response: 13627889
Conc: 65.63 ng/ml



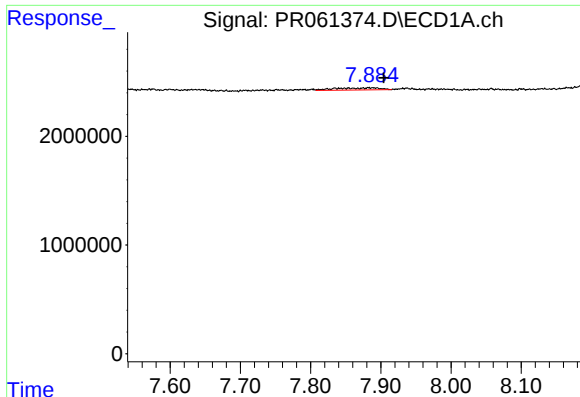
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.565 min
Response: 0
Conc: N.D.



#34 AR-1260-4

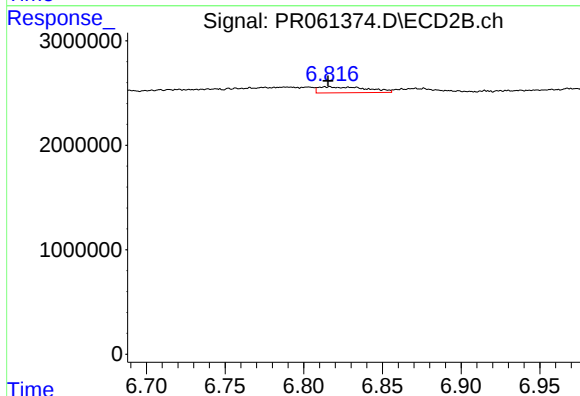
R.T.: 6.552 min
Delta R.T.: 0.001 min
Response: 422127
Conc: 2.50 ng/ml



#35 AR-1260-5

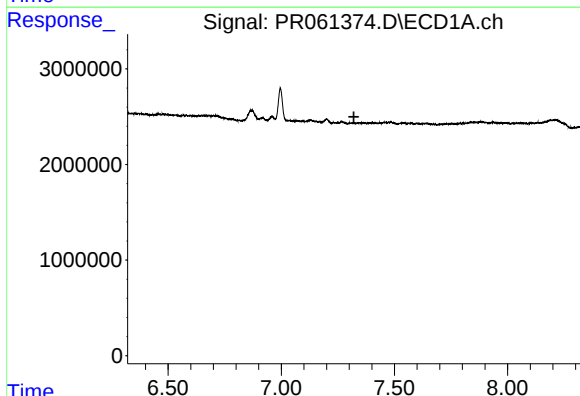
R.T.: 7.889 min
Delta R.T.: -0.015 min
Response: 835927
Conc: 4.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



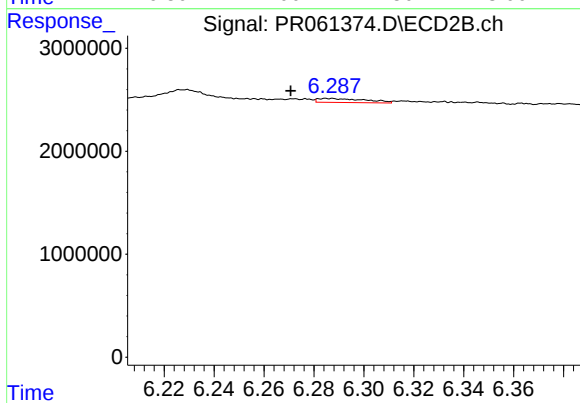
#35 AR-1260-5

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 1235056
Conc: 3.05 ng/ml



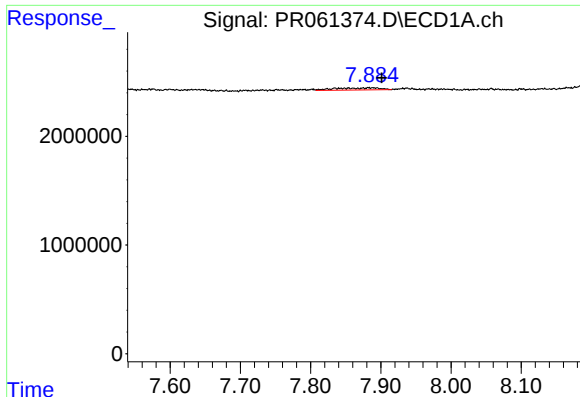
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.321 min
Response: 0
Conc: N.D.



#36 AR-1262-1

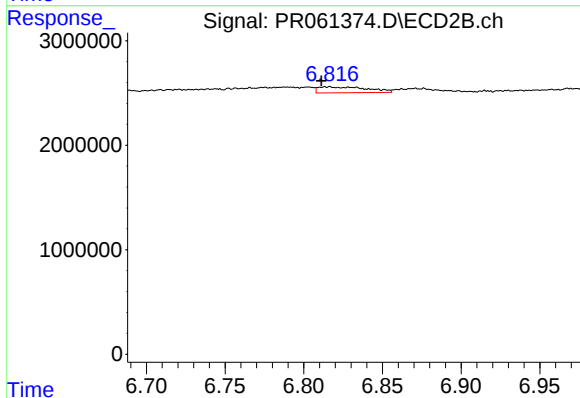
R.T.: 6.286 min
Delta R.T.: 0.015 min
Response: 506713
Conc: 1.92 ng/ml



#37 AR-1262-2

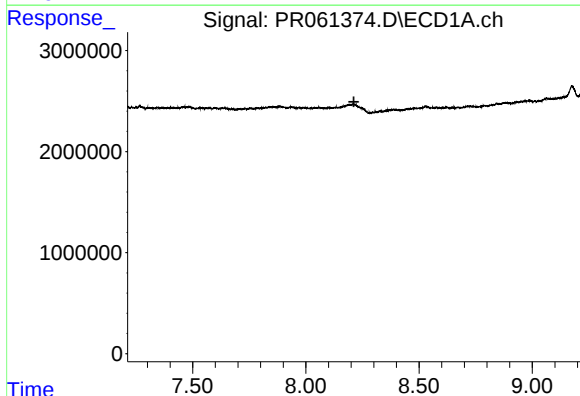
R.T.: 7.889 min
Delta R.T.: -0.013 min
Response: 835927
Conc: 3.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



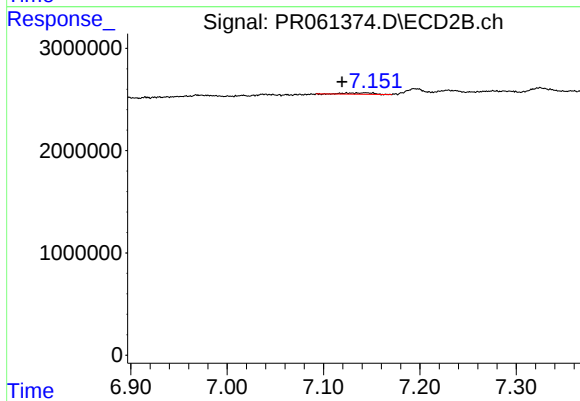
#37 AR-1262-2

R.T.: 6.815 min
Delta R.T.: 0.004 min
Response: 1235056
Conc: 2.50 ng/ml



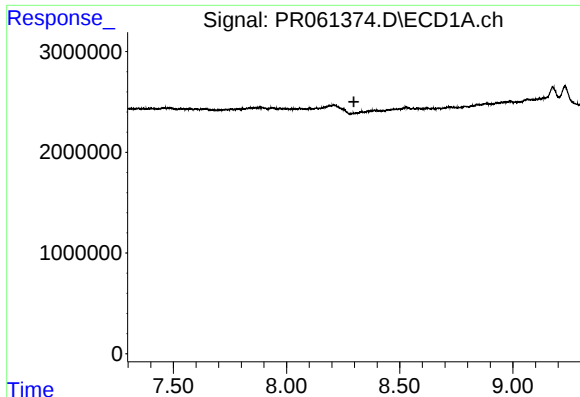
#38 AR-1262-3

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



#38 AR-1262-3

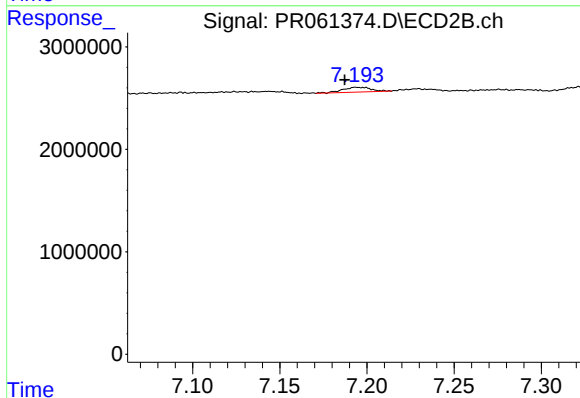
R.T.: 7.144 min
Delta R.T.: 0.024 min
Response: 271613
Conc: 1.56 ng/ml



#39 AR-1262-4

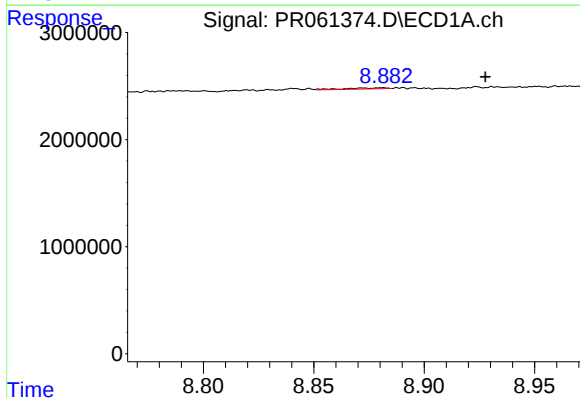
R.T.: 0.000 min
Exp R.T.: 8.298 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



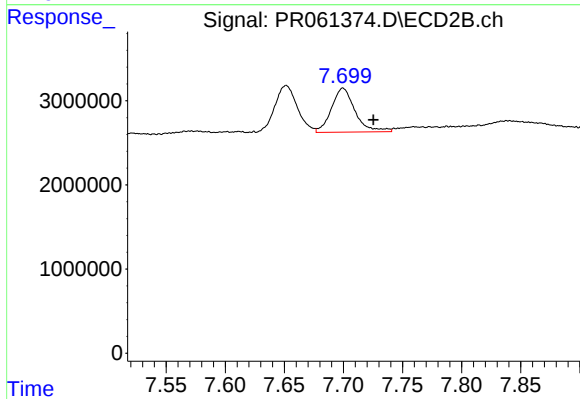
#39 AR-1262-4

R.T.: 7.196 min
Delta R.T.: 0.008 min
Response: 522056
Conc: 1.45 ng/ml



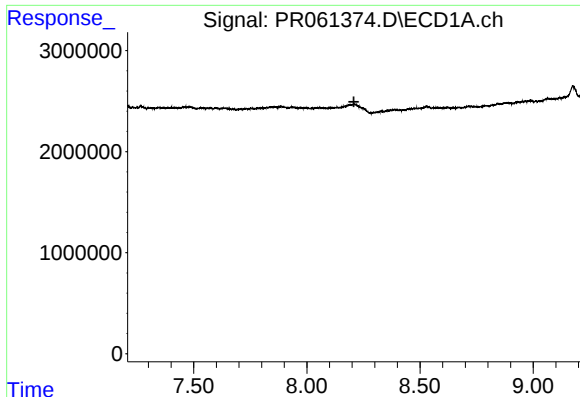
#40 AR-1262-5

R.T.: 8.881 min
Delta R.T.: -0.047 min
Response: 140698
Conc: 1.91 ng/ml



#40 AR-1262-5

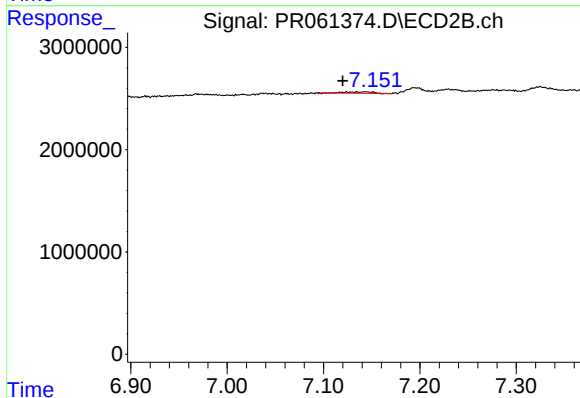
R.T.: 7.700 min
Delta R.T.: -0.026 min
Response: 7279153
Conc: 41.78 ng/ml



#41 AR-1268-1

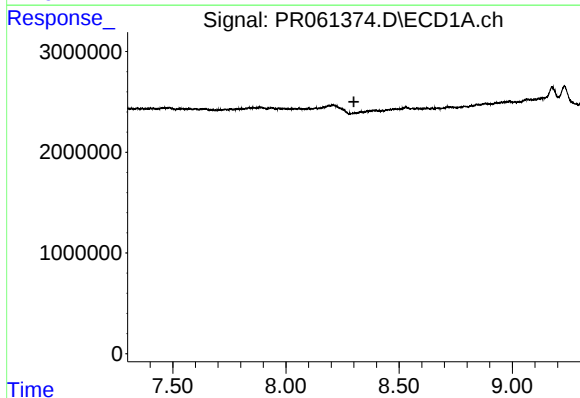
R.T.: 0.000 min
Exp R.T.: 8.208 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



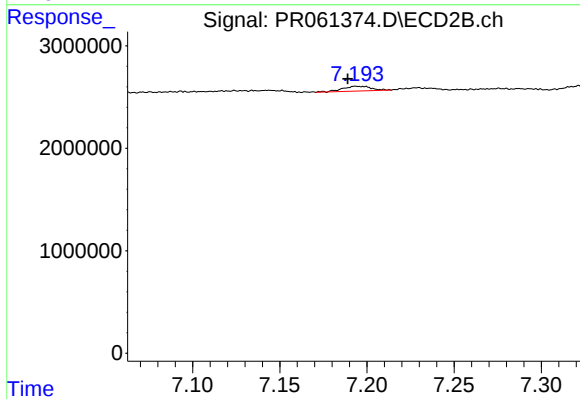
#41 AR-1268-1

R.T.: 7.144 min
Delta R.T.: 0.024 min
Response: 271613
Conc: 0.65 ng/ml



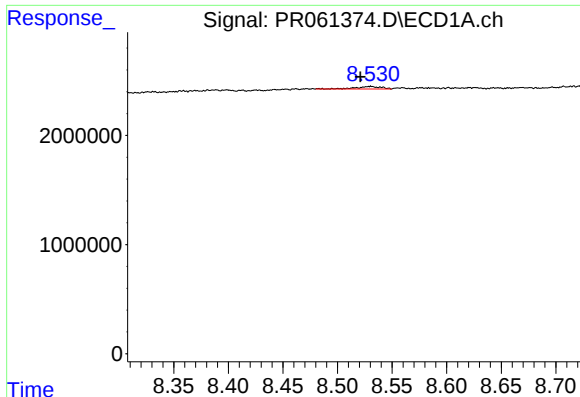
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.300 min
Response: 0
Conc: N.D.



#42 AR-1268-2

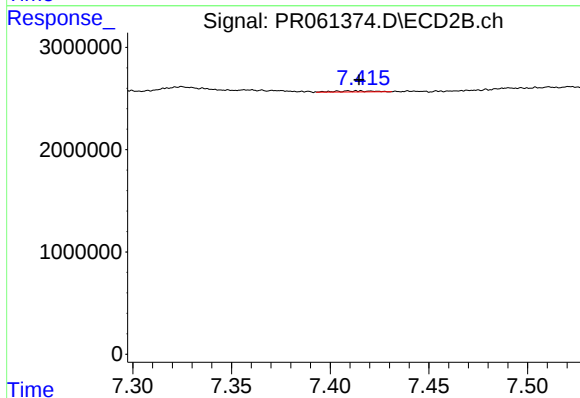
R.T.: 7.196 min
Delta R.T.: 0.007 min
Response: 522056
Conc: 1.36 ng/ml



#43 AR-1268-3

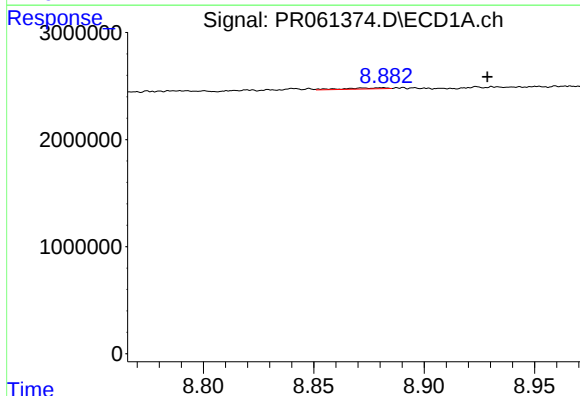
R.T.: 8.530 min
Delta R.T.: 0.009 min
Response: 370936
Conc: 2.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



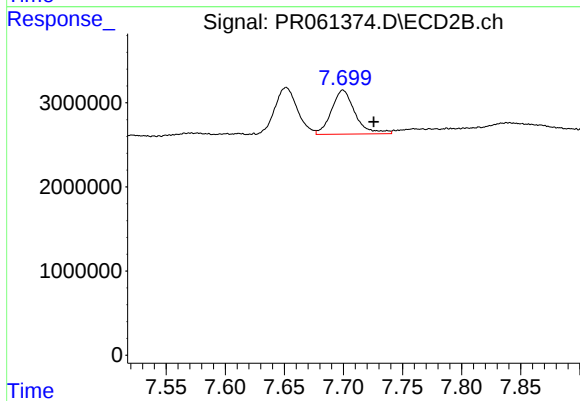
#43 AR-1268-3

R.T.: 7.413 min
Delta R.T.: -0.002 min
Response: 127970
Conc: 0.38 ng/ml



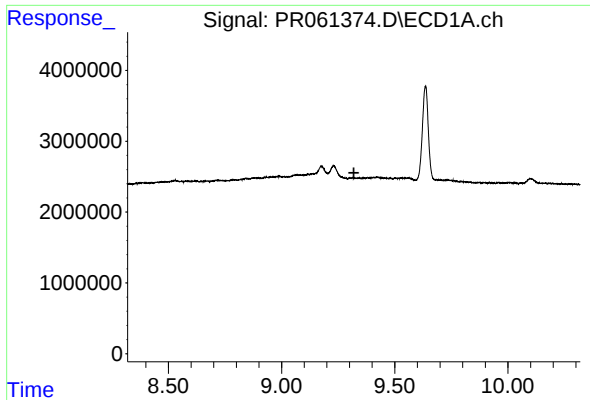
#44 AR-1268-4

R.T.: 8.881 min
Delta R.T.: -0.048 min
Response: 140698
Conc: 2.27 ng/ml



#44 AR-1268-4

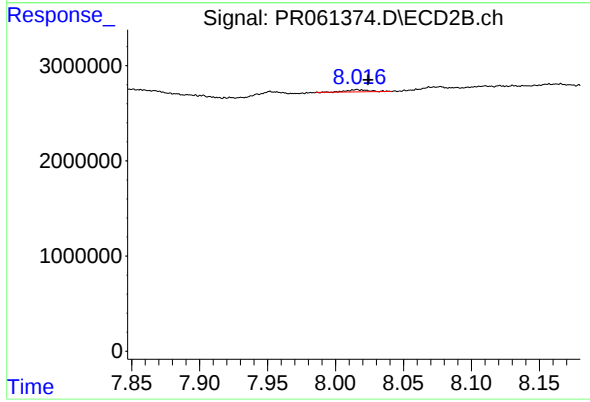
R.T.: 7.700 min
Delta R.T.: -0.026 min
Response: 7279153
Conc: 49.79 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.319 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.016 min
Delta R.T.: -0.008 min
Response: 241889
Conc: 0.22 ng/ml