

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102921\
 Data File : PR052381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 11:54
 Operator : AJ\MA
 Sample : M4364-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 05:30:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 16 08:36:17 2021
 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...	4.690	3.857	74547042	58730099	18.978	20.563
2)	SA Decachlor...	10.630	8.870	130.0E6	126.0E6	37.006	37.071
Target Compounds							
3)	L1 AR-1016-1	5.879	4.936	44978	-9159	0.370	N.D. #
4)	L1 AR-1016-2	5.900	4.936	206883	-9159	1.195	N.D. #
5)	L1 AR-1016-3	5.900f	5.182f	206883	233299	1.922	3.280 #
6)	L1 AR-1016-4	0.000	5.182	0	233299	N.D.	4.285 #
7)	L1 AR-1016-5	6.367	5.384	720822	609790	8.141	8.416
8)	L2 AR-1221-1	4.898	4.077	74255	315845	1.620	8.187 #
9)	L2 AR-1221-2	4.996	4.157	1565580	599375	31.540	24.809
10)	L2 AR-1221-3	5.082	4.194f	299585	486988	2.578	5.666 #
11)	L3 AR-1232-1	5.082	4.194f	299585	486988	3.866	8.211 #
12)	L3 AR-1232-2	5.593	4.936	452689	-9159	11.228	N.D. #
13)	L3 AR-1232-3	5.900	5.182f	206883	233299	2.769	7.803 #
14)	L3 AR-1232-4	0.000	5.214	0	157137	N.D.	6.085 #
15)	L3 AR-1232-5	6.174	5.384	100980	609790	3.272	21.372 #
16)	L4 AR-1242-1	5.879	4.936	44978	-9159	0.452	N.D. #
17)	L4 AR-1242-2	5.900	4.936	206883	-9159	1.471	N.D. #
18)	L4 AR-1242-3	5.900f	5.182f	206883	233299	2.352	4.101 #
19)	L4 AR-1242-4	0.000	5.214	0	157137	N.D.	2.916 #
20)	L4 AR-1242-5	0.000	5.732	0	137623	N.D.	2.003 #
21)	L5 AR-1248-1	5.879	4.936	44978	-9159	0.616	N.D. #
22)	L5 AR-1248-2	6.174	5.182	100980	233299	0.942	3.191 #
23)	L5 AR-1248-3	6.367	5.214	720822	157137	6.184	2.014 #
24)	L5 AR-1248-4	0.000	5.384	0	609790	N.D.	6.485 #
25)	L5 AR-1248-5	0.000	5.766	0	328700	N.D.	3.474 #
26)	L6 AR-1254-1	0.000	5.732	0	137623	N.D.	0.949 #
27)	L6 AR-1254-2	6.975	5.885	466558	686526	2.257	5.473 #
28)	L6 AR-1254-3	7.323	6.267	224375	1761722	1.070	8.293 #
29)	L6 AR-1254-4	7.632	6.510	133482	85942	0.848	0.665
30)	L6 AR-1254-5	8.033	6.927	376368	337432	2.180	1.843
31)	L7 AR-1260-1	7.506	6.413	219130	240448	1.466	1.884 #
32)	L7 AR-1260-2	7.691f	6.601	93194	187621	0.521	1.252 #
33)	L7 AR-1260-3	8.102	0.000	249737	0	1.761	N.D. #
34)	L7 AR-1260-4	8.352	7.192f	799833	469186	4.834	3.865
35)	L7 AR-1260-5	8.681	7.467	749407	1367040	2.312	4.406 #
36)	L8 AR-1262-1	8.102	0.000	249737	0	1.208	N.D. #
37)	L8 AR-1262-2	8.681	7.467	749407	1367040	1.993	4.018 #
38)	L8 AR-1262-3	9.052f	7.750	232217	189555	1.372	1.359
39)	L8 AR-1262-4	9.052f	7.806	232217	271124	1.962	1.009 #
40)	L8 AR-1262-5	9.814	8.317	1240537	1558398	8.372	11.322 #
41)	L9 AR-1268-1	9.052f	7.750	232217	189555	0.523	0.476

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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	9.052f	7.806	232217	271124	0.573	0.698
43) L9	AR-1268-3	9.354	7.994	1061827	1259149	3.031	3.698
44) L9	AR-1268-4	9.814	8.317	1240537	1558398	7.616	10.444 #
45) L9	AR-1268-5	10.269	8.606	1278798	838957	1.122	0.710 #

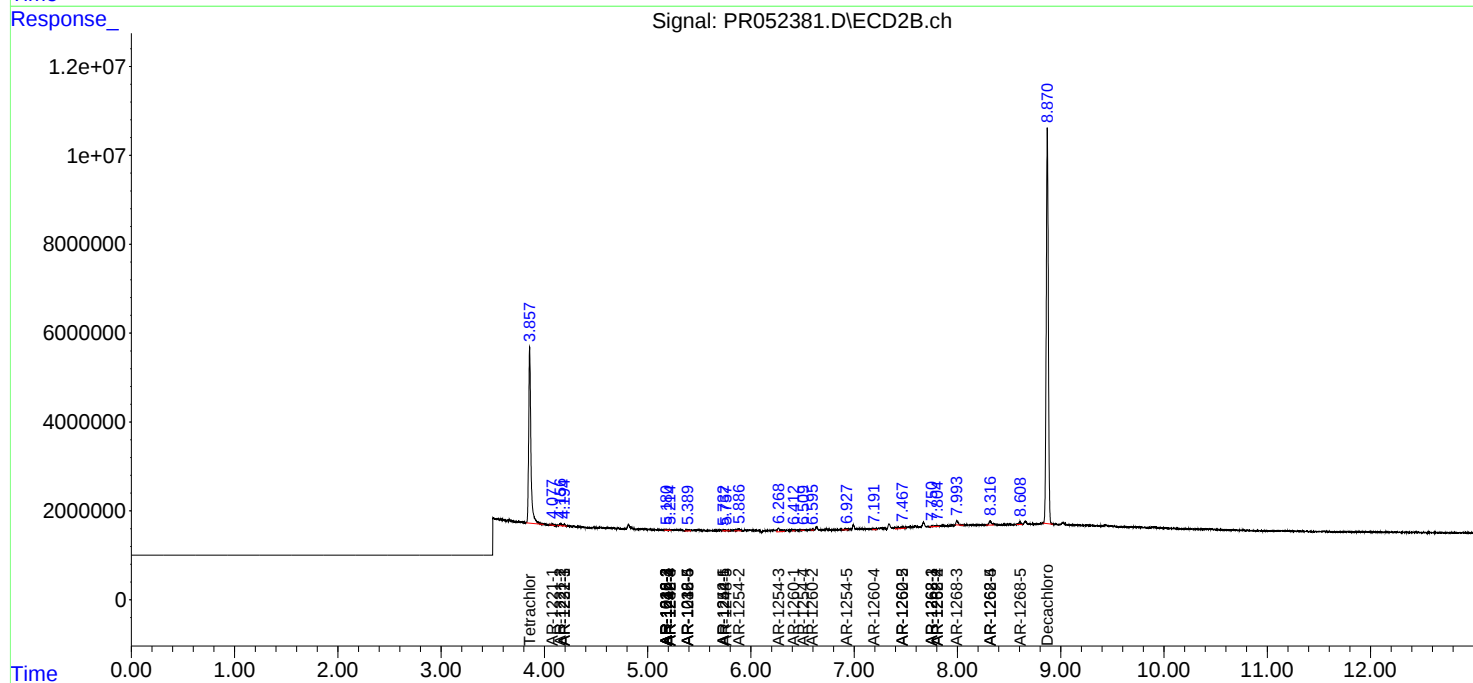
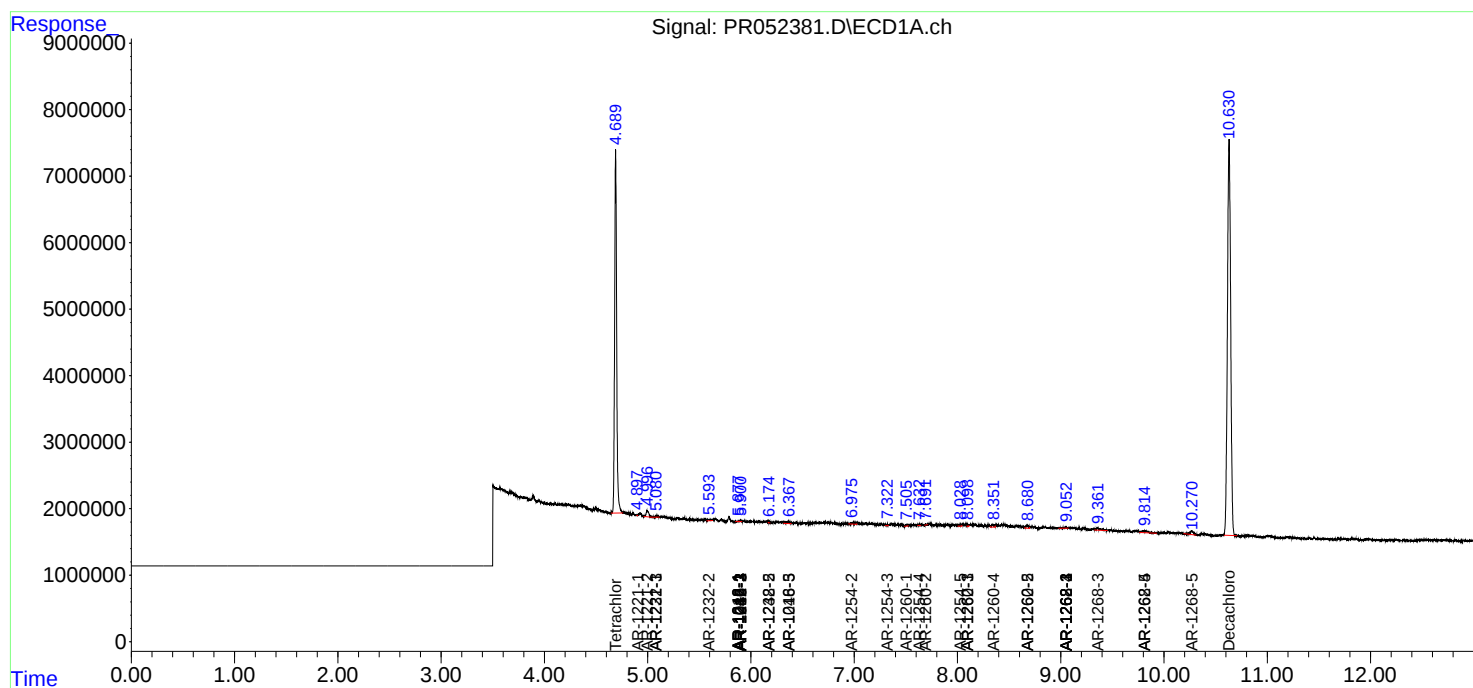
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

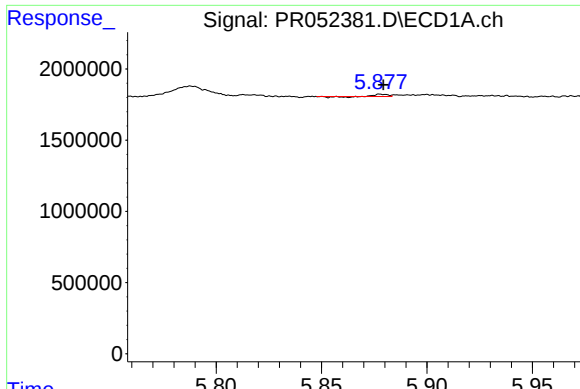
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102921\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2021 11:54
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Quant Time: Nov 01 05:30:16 2021
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QLast Update : Sat Oct 16 08:36:17 2021
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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

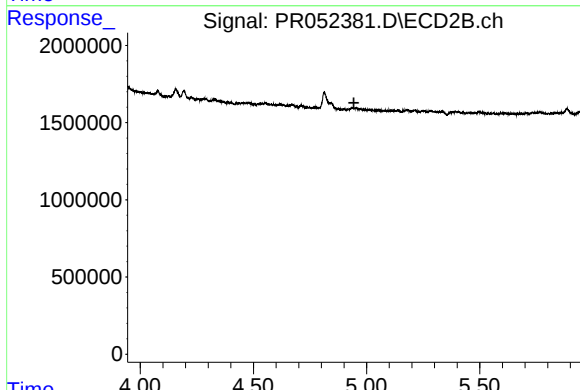




#3 AR-1016-1

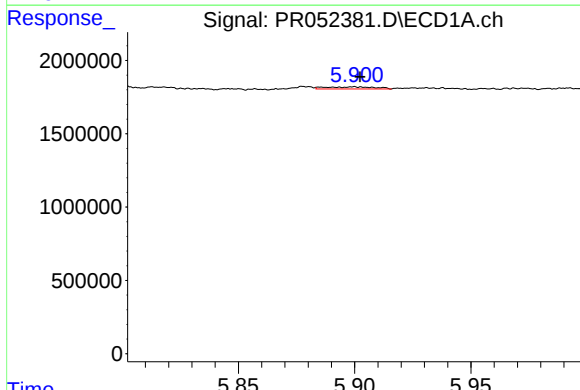
R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 44978
Conc: 0.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



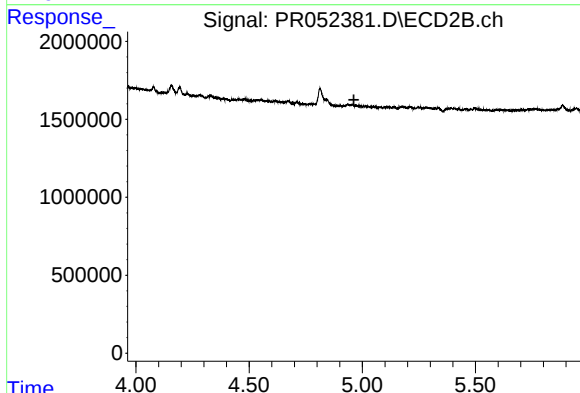
#3 AR-1016-1

R.T.: 4.936 min
Delta R.T.: -0.008 min
Response: -9159
Conc: N.D.



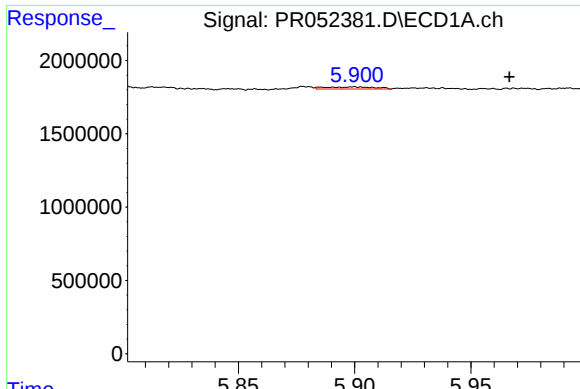
#4 AR-1016-2

R.T.: 5.900 min
Delta R.T.: -0.002 min
Response: 206883
Conc: 1.20 ng/ml



#4 AR-1016-2

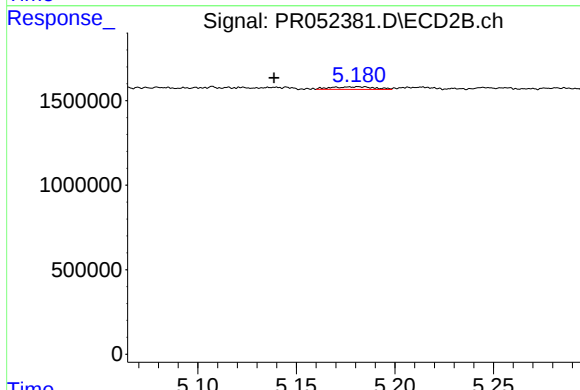
R.T.: 4.936 min
Delta R.T.: -0.027 min
Response: -9159
Conc: N.D.



#5 AR-1016-3

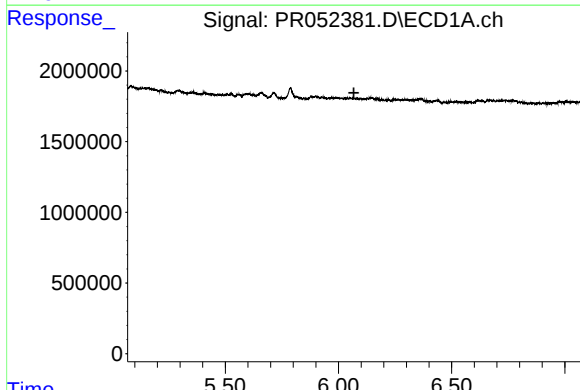
R.T.: 5.900 min
Delta R.T.: -0.067 min
Response: 206883
Conc: 1.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



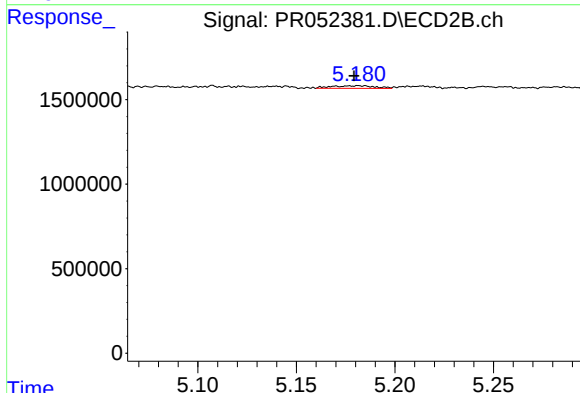
#5 AR-1016-3

R.T.: 5.182 min
Delta R.T.: 0.043 min
Response: 233299
Conc: 3.28 ng/ml



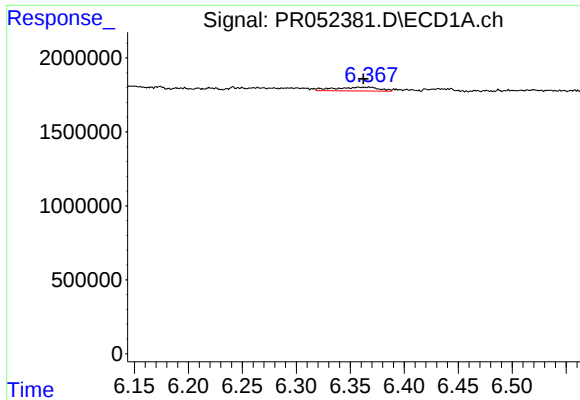
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.068 min
Response: 0
Conc: N.D.



#6 AR-1016-4

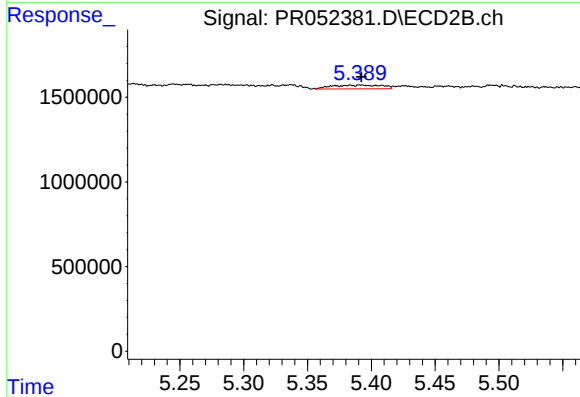
R.T.: 5.182 min
Delta R.T.: 0.003 min
Response: 233299
Conc: 4.28 ng/ml



#7 AR-1016-5

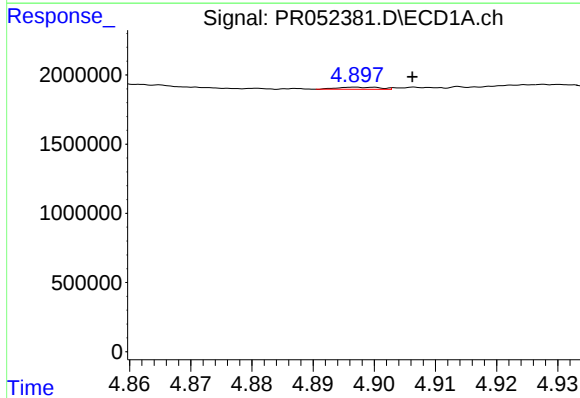
R.T.: 6.367 min
Delta R.T.: 0.005 min
Response: 720822
Conc: 8.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



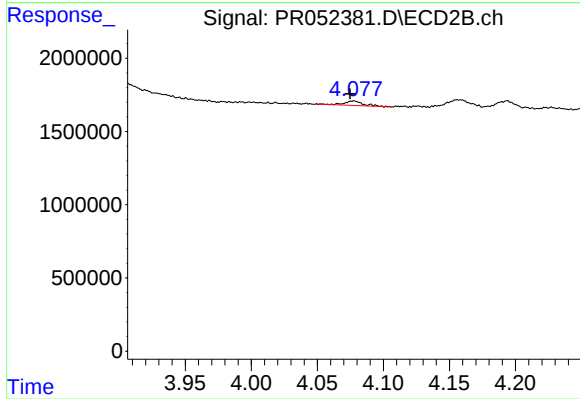
#7 AR-1016-5

R.T.: 5.384 min
Delta R.T.: -0.008 min
Response: 609790
Conc: 8.42 ng/ml



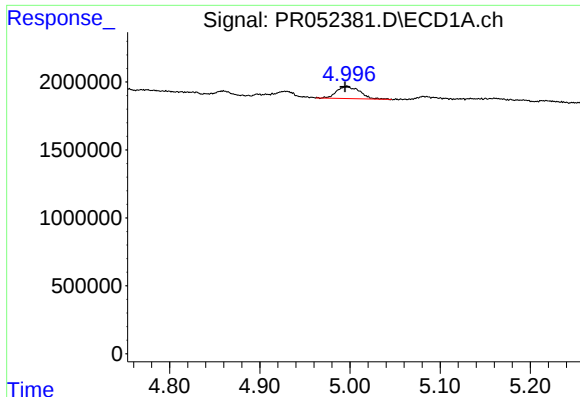
#8 AR-1221-1

R.T.: 4.898 min
Delta R.T.: -0.009 min
Response: 74255
Conc: 1.62 ng/ml



#8 AR-1221-1

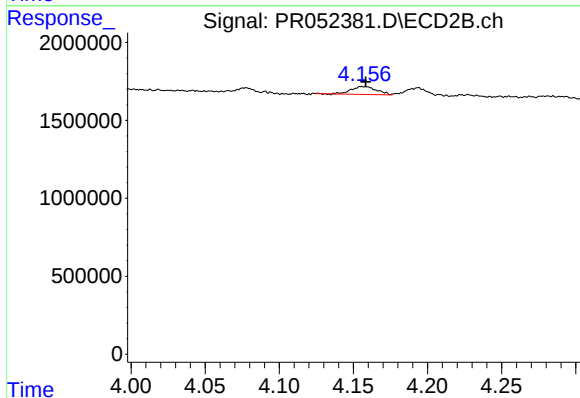
R.T.: 4.077 min
Delta R.T.: 0.003 min
Response: 315845
Conc: 8.19 ng/ml



#9 AR-1221-2

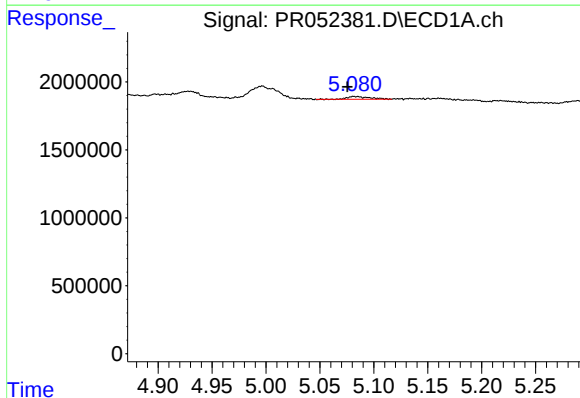
R.T.: 4.996 min
Delta R.T.: 0.002 min
Response: 1565580
Conc: 31.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



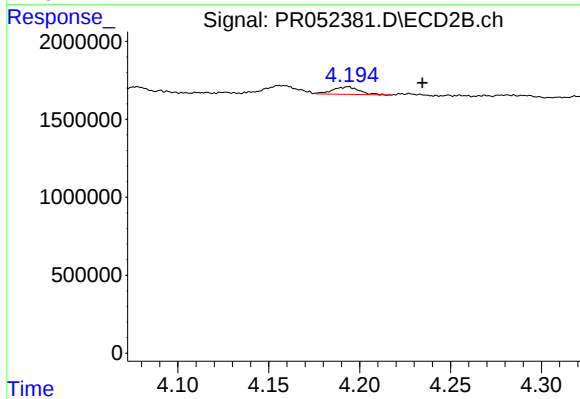
#9 AR-1221-2

R.T.: 4.157 min
Delta R.T.: -0.002 min
Response: 599375
Conc: 24.81 ng/ml



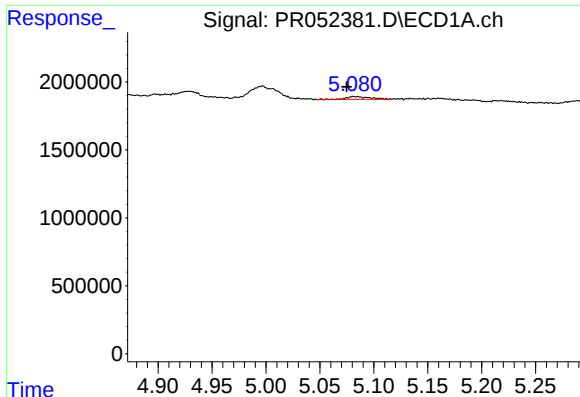
#10 AR-1221-3

R.T.: 5.082 min
Delta R.T.: 0.006 min
Response: 299585
Conc: 2.58 ng/ml



#10 AR-1221-3

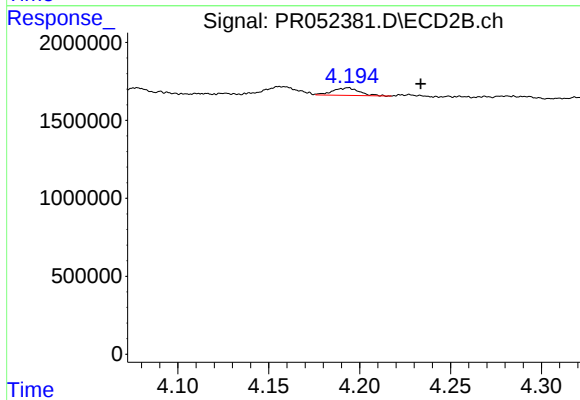
R.T.: 4.194 min
Delta R.T.: -0.041 min
Response: 486988
Conc: 5.67 ng/ml



#11 AR-1232-1

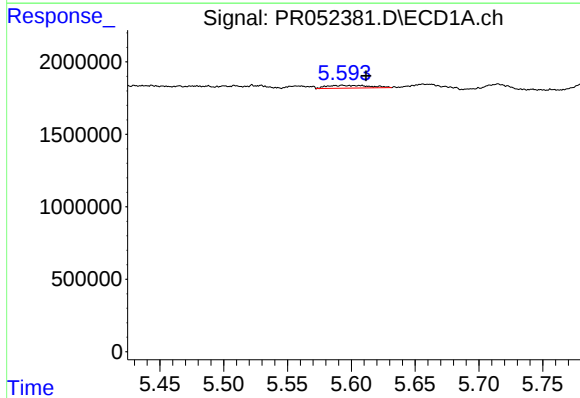
R.T.: 5.082 min
Delta R.T.: 0.006 min
Response: 299585
Conc: 3.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



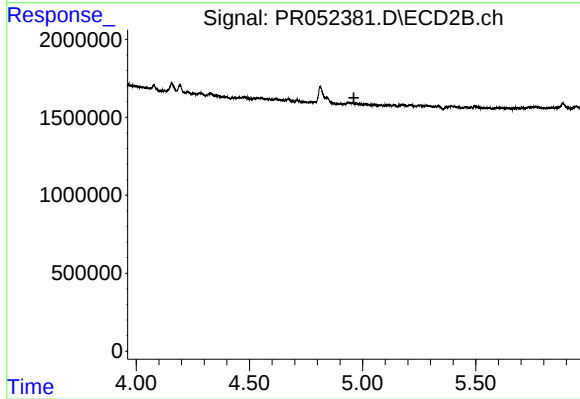
#11 AR-1232-1

R.T.: 4.194 min
Delta R.T.: -0.040 min
Response: 486988
Conc: 8.21 ng/ml



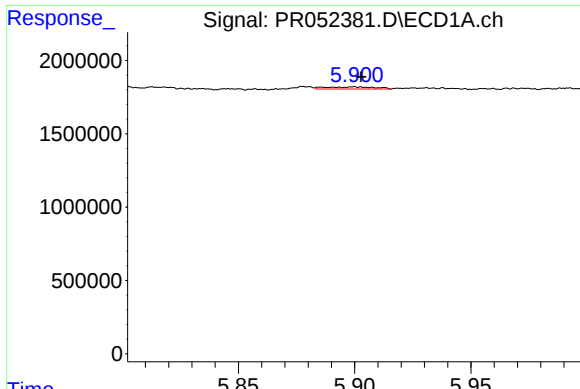
#12 AR-1232-2

R.T.: 5.593 min
Delta R.T.: -0.018 min
Response: 452689
Conc: 11.23 ng/ml



#12 AR-1232-2

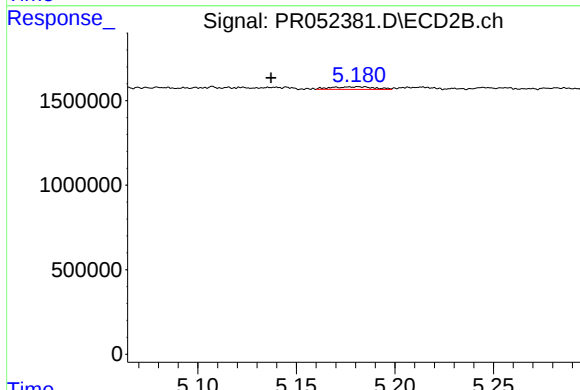
R.T.: 4.936 min
Delta R.T.: -0.026 min
Response: -9159
Conc: N.D.



#13 AR-1232-3

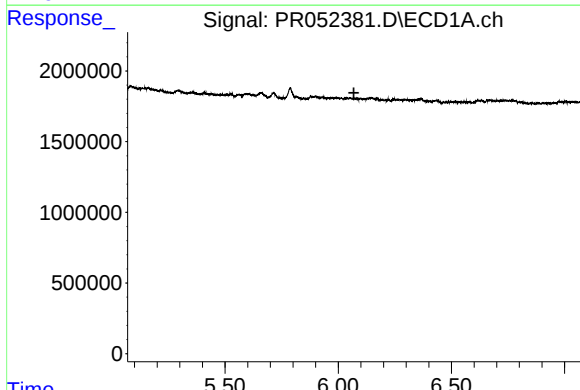
R.T.: 5.900 min
Delta R.T.: -0.003 min
Response: 206883
Conc: 2.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



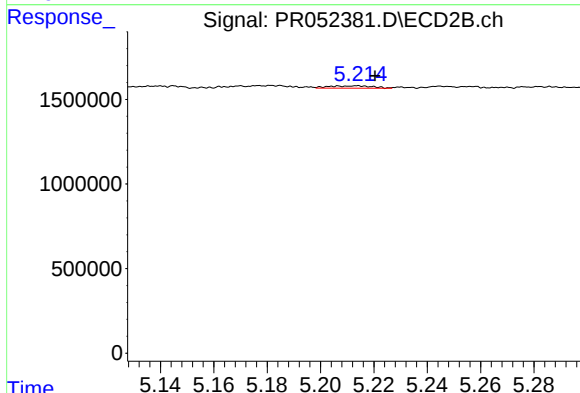
#13 AR-1232-3

R.T.: 5.182 min
Delta R.T.: 0.045 min
Response: 233299
Conc: 7.80 ng/ml



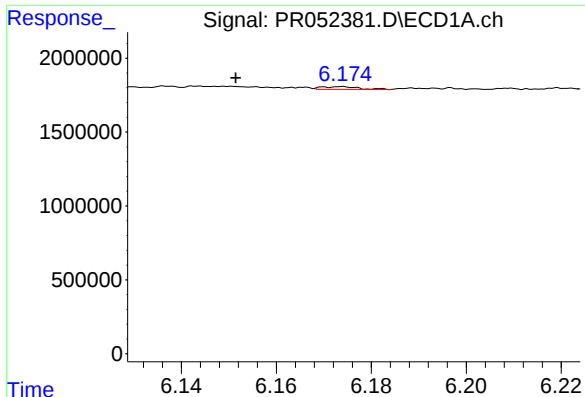
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.069 min
Response: 0
Conc: N.D.



#14 AR-1232-4

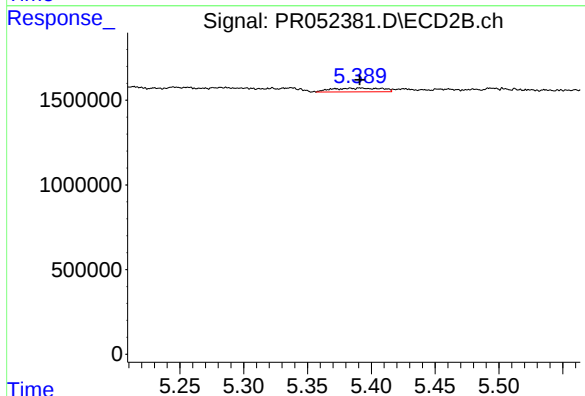
R.T.: 5.214 min
Delta R.T.: -0.006 min
Response: 157137
Conc: 6.09 ng/ml



#15 AR-1232-5

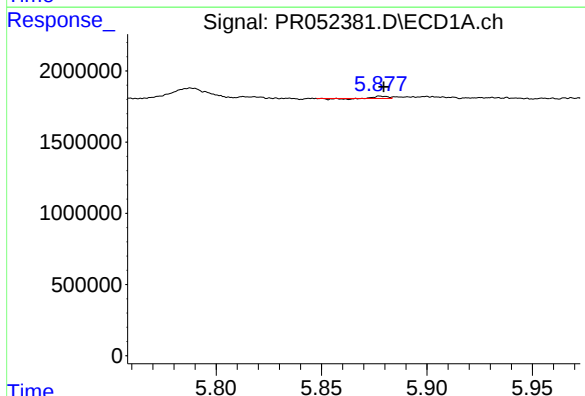
R.T.: 6.174 min
Delta R.T.: 0.022 min
Response: 100980
Conc: 3.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



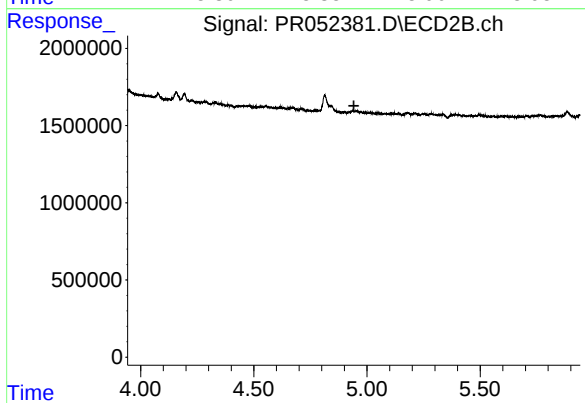
#15 AR-1232-5

R.T.: 5.384 min
Delta R.T.: -0.007 min
Response: 609790
Conc: 21.37 ng/ml



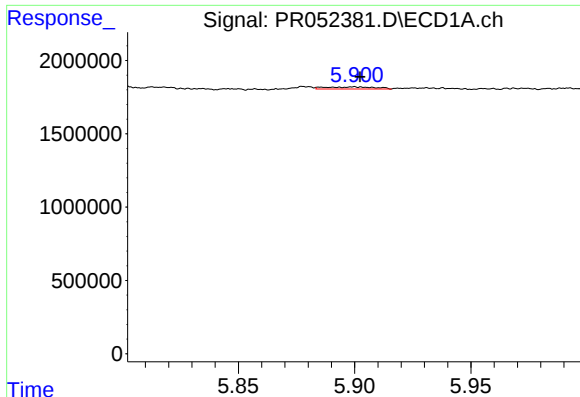
#16 AR-1242-1

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 44978
Conc: 0.45 ng/ml



#16 AR-1242-1

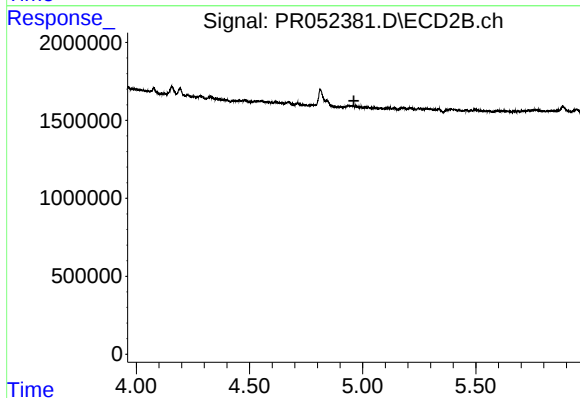
R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: -9159
Conc: N.D.



#17 AR-1242-2

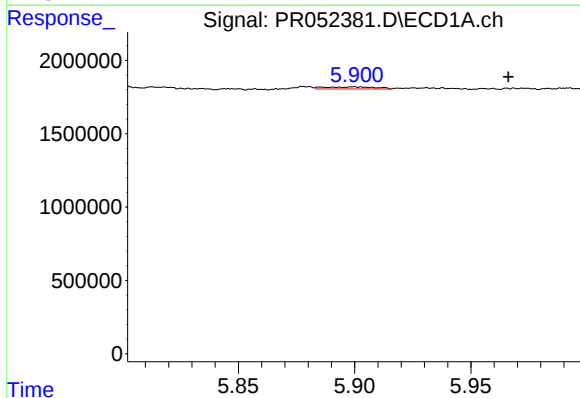
R.T.: 5.900 min
Delta R.T.: -0.002 min
Response: 206883
Conc: 1.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



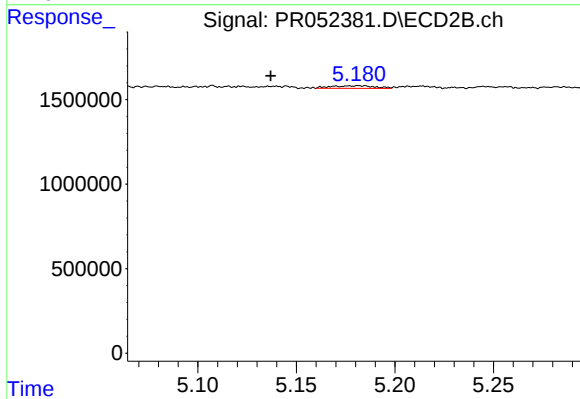
#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: -0.026 min
Response: -9159
Conc: N.D.



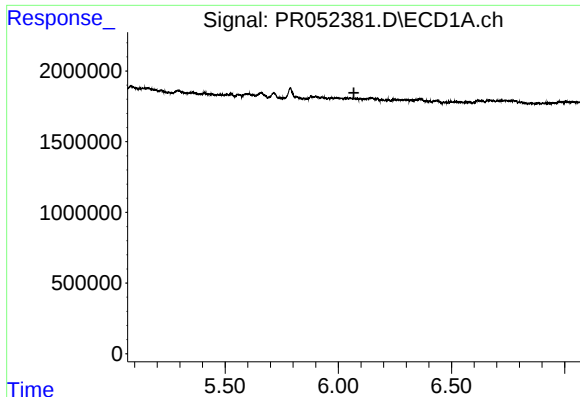
#18 AR-1242-3

R.T.: 5.900 min
Delta R.T.: -0.066 min
Response: 206883
Conc: 2.35 ng/ml



#18 AR-1242-3

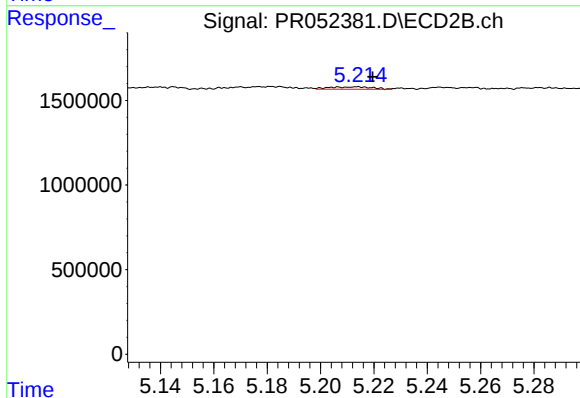
R.T.: 5.182 min
Delta R.T.: 0.045 min
Response: 233299
Conc: 4.10 ng/ml



#19 AR-1242-4

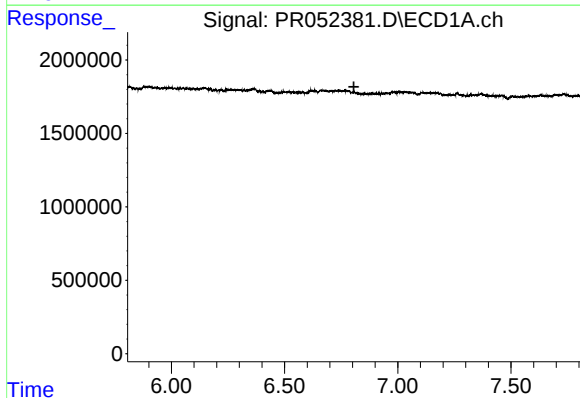
R.T.: 0.000 min
Exp R.T.: 6.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



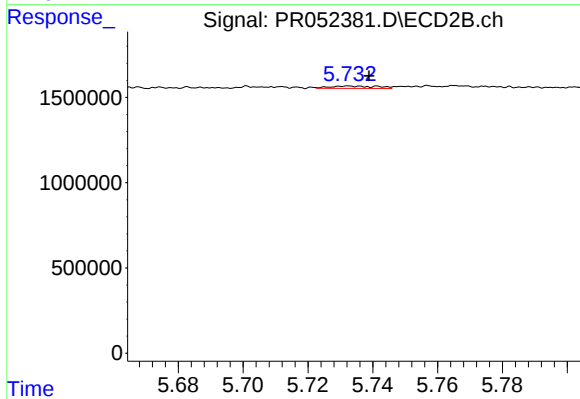
#19 AR-1242-4

R.T.: 5.214 min
Delta R.T.: -0.006 min
Response: 157137
Conc: 2.92 ng/ml



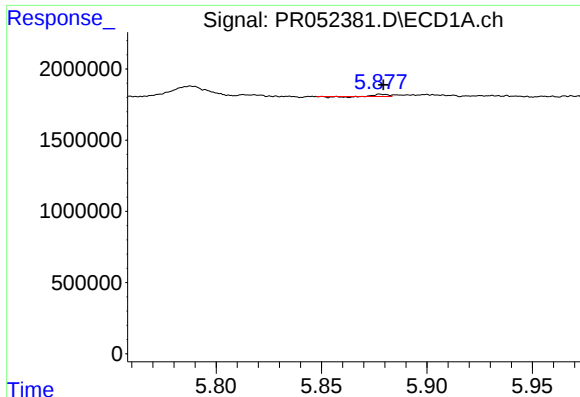
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.



#20 AR-1242-5

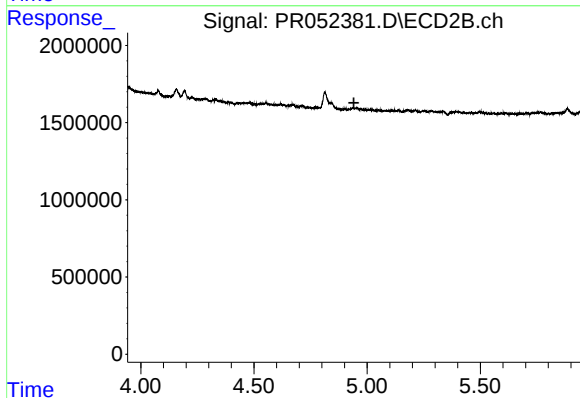
R.T.: 5.732 min
Delta R.T.: -0.007 min
Response: 137623
Conc: 2.00 ng/ml



#21 AR-1248-1

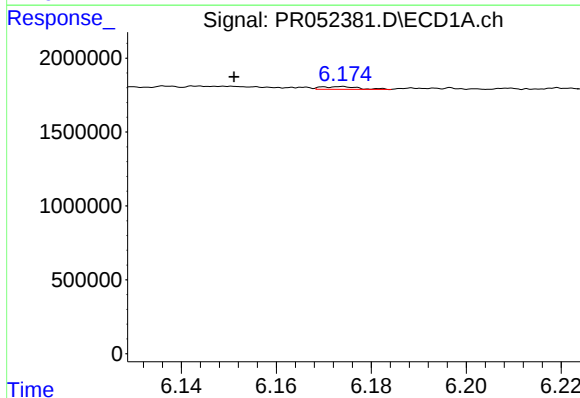
R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 44978
Conc: 0.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



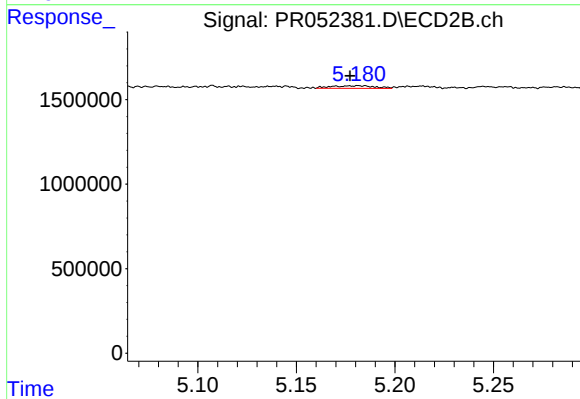
#21 AR-1248-1

R.T.: 4.936 min
Delta R.T.: -0.006 min
Response: -9159
Conc: N.D.



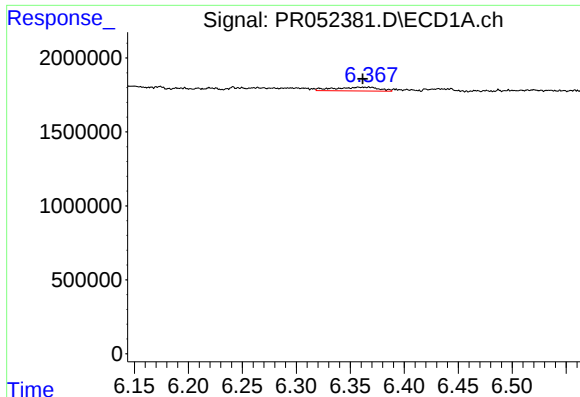
#22 AR-1248-2

R.T.: 6.174 min
Delta R.T.: 0.023 min
Response: 100980
Conc: 0.94 ng/ml



#22 AR-1248-2

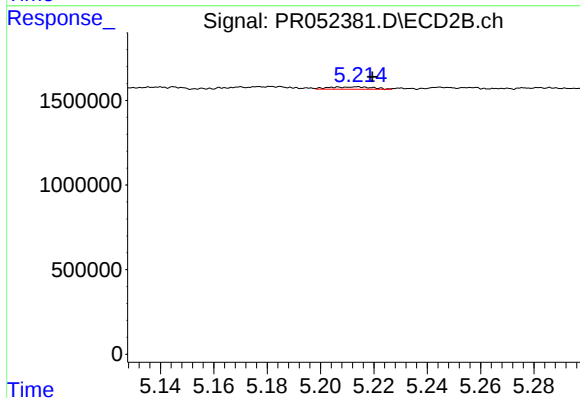
R.T.: 5.182 min
Delta R.T.: 0.005 min
Response: 233299
Conc: 3.19 ng/ml



#23 AR-1248-3

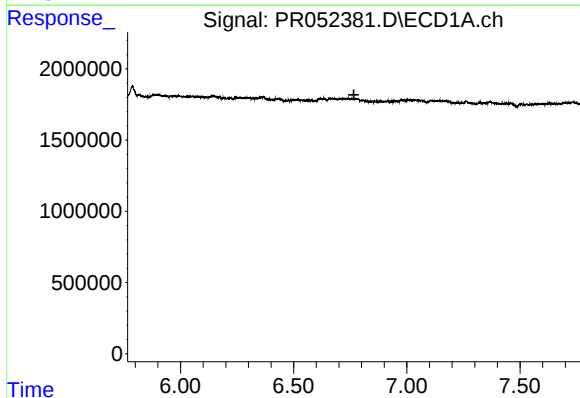
R.T.: 6.367 min
Delta R.T.: 0.006 min
Response: 720822
Conc: 6.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



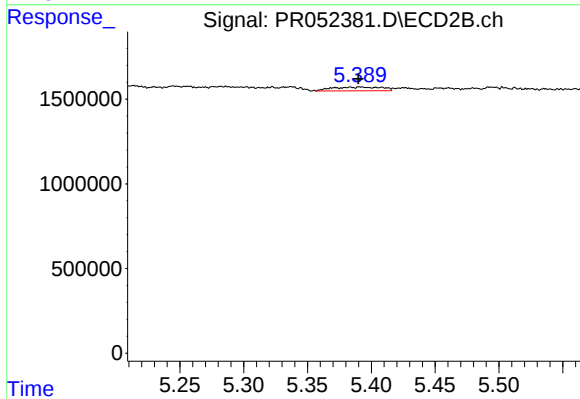
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: -0.005 min
Response: 157137
Conc: 2.01 ng/ml



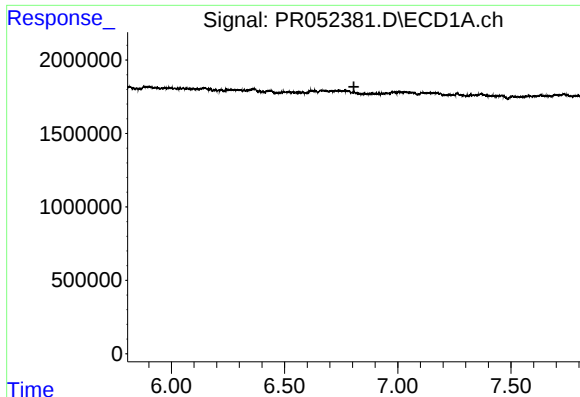
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.766 min
Response: 0
Conc: N.D.



#24 AR-1248-4

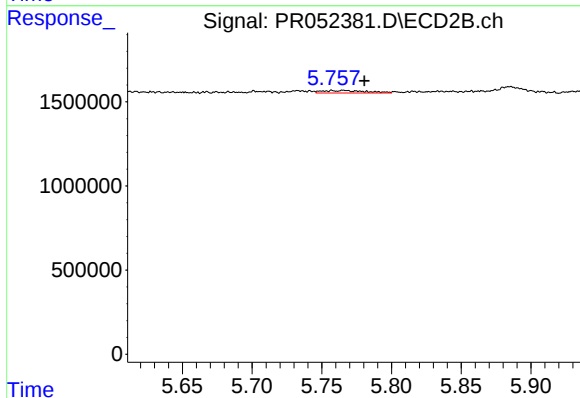
R.T.: 5.384 min
Delta R.T.: -0.006 min
Response: 609790
Conc: 6.49 ng/ml



#25 AR-1248-5

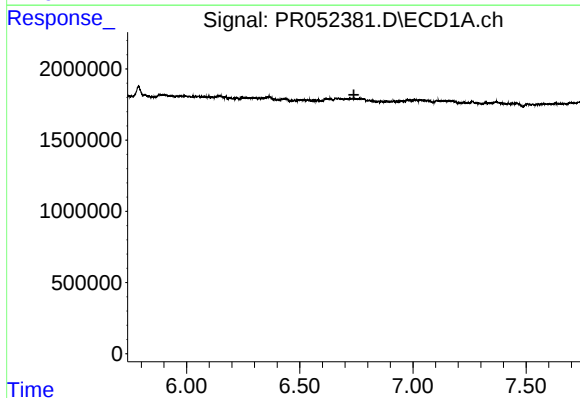
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



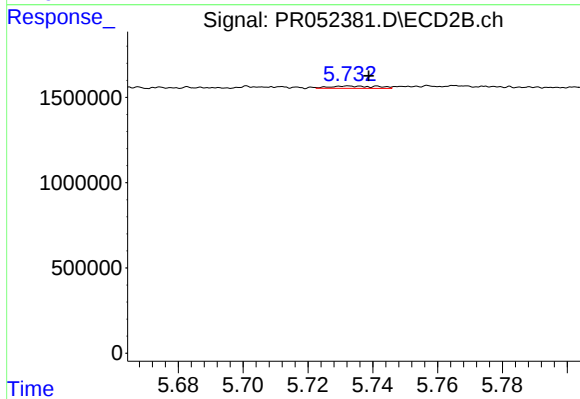
#25 AR-1248-5

R.T.: 5.766 min
Delta R.T.: -0.015 min
Response: 328700
Conc: 3.47 ng/ml



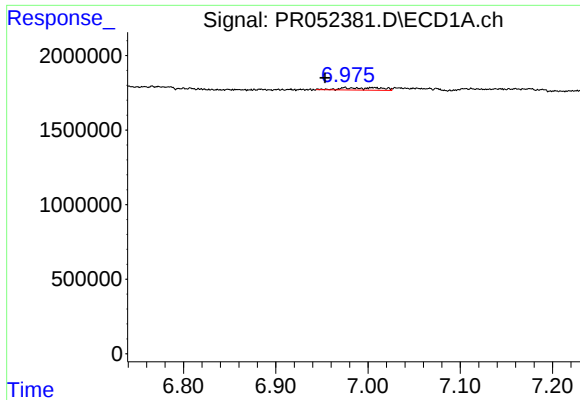
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.739 min
Response: 0
Conc: N.D.



#26 AR-1254-1

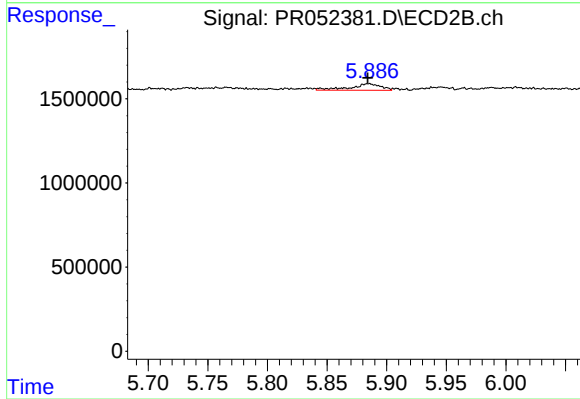
R.T.: 5.732 min
Delta R.T.: -0.006 min
Response: 137623
Conc: 0.95 ng/ml



#27 AR-1254-2

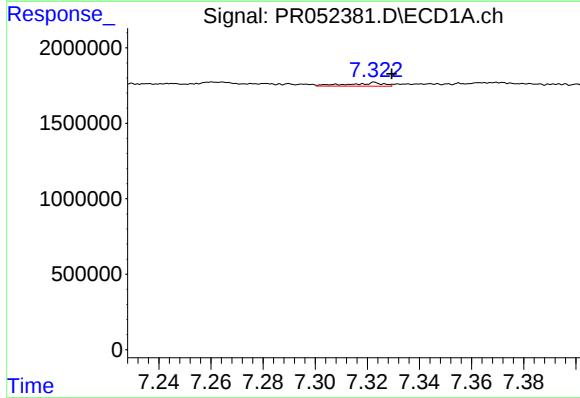
R.T.: 6.975 min
Delta R.T.: 0.021 min
Response: 466558
Conc: 2.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



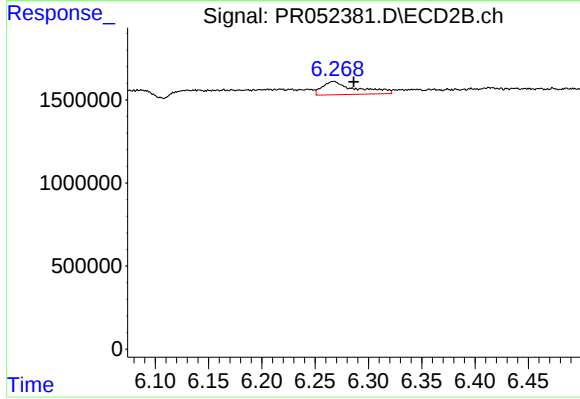
#27 AR-1254-2

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 686526
Conc: 5.47 ng/ml



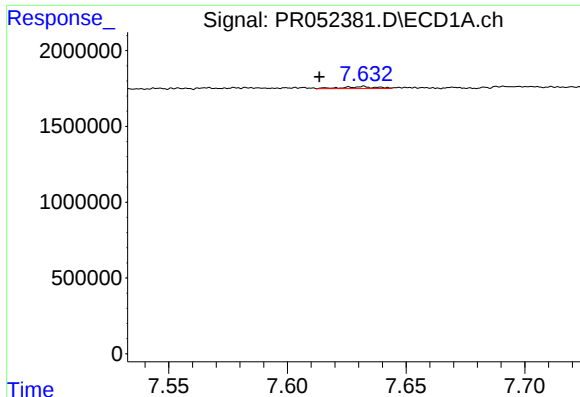
#28 AR-1254-3

R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 224375
Conc: 1.07 ng/ml



#28 AR-1254-3

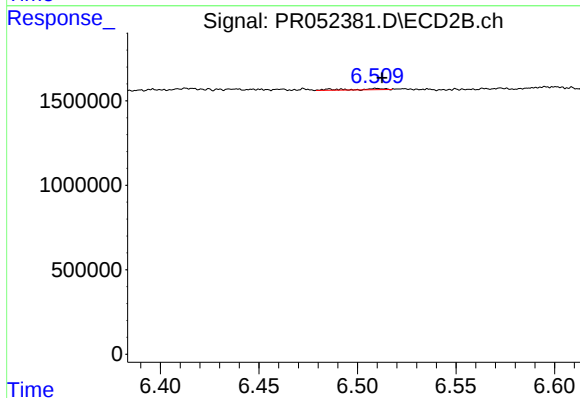
R.T.: 6.267 min
Delta R.T.: -0.019 min
Response: 1761722
Conc: 8.29 ng/ml



#29 AR-1254-4

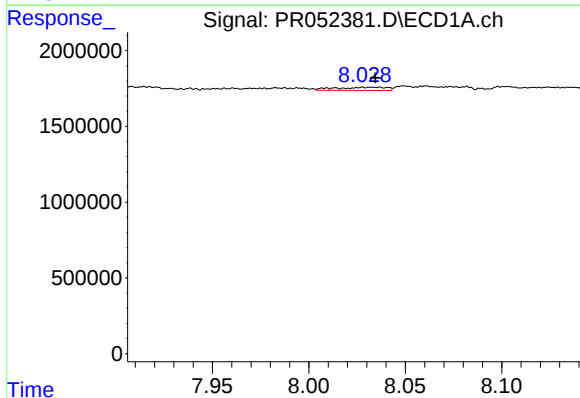
R.T.: 7.632 min
Delta R.T.: 0.018 min
Response: 133482
Conc: 0.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



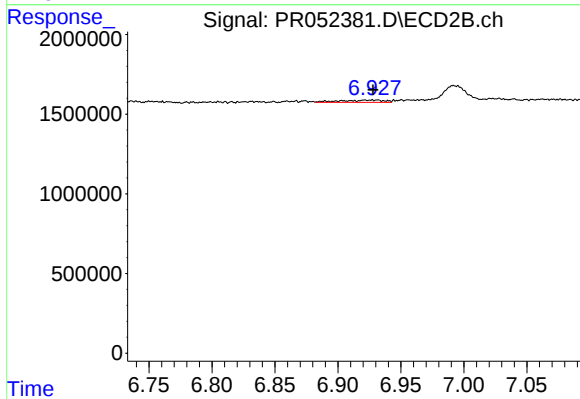
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 85942
Conc: 0.67 ng/ml



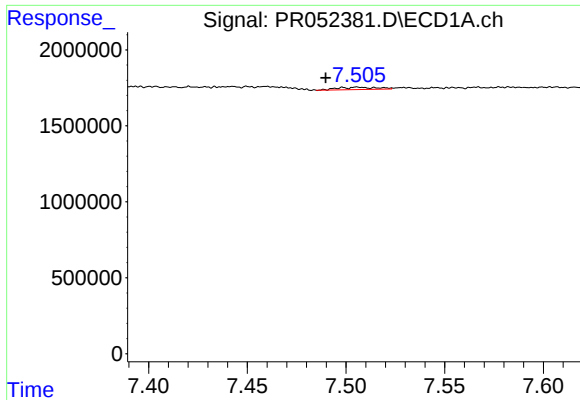
#30 AR-1254-5

R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 376368
Conc: 2.18 ng/ml



#30 AR-1254-5

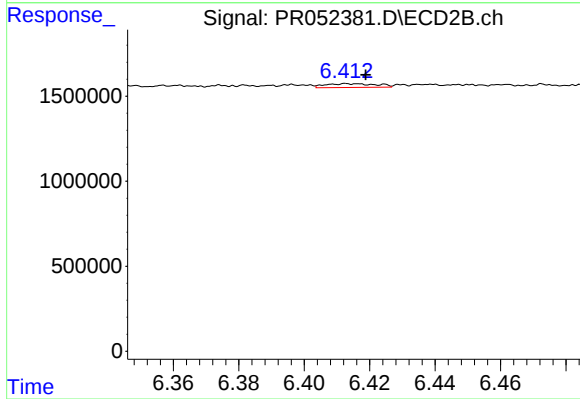
R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 337432
Conc: 1.84 ng/ml



#31 AR-1260-1

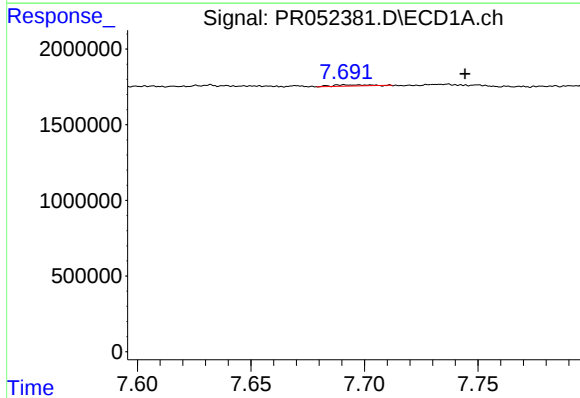
R.T.: 7.506 min
Delta R.T.: 0.016 min
Response: 219130
Conc: 1.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



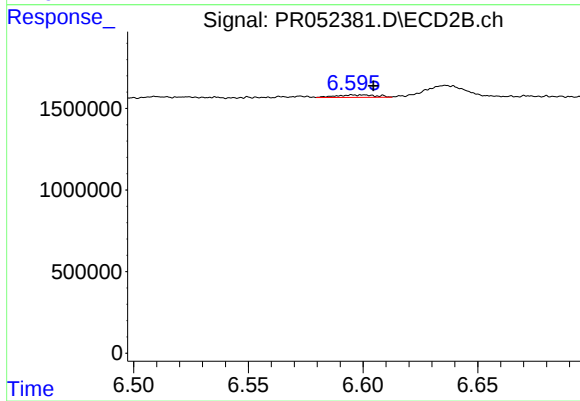
#31 AR-1260-1

R.T.: 6.413 min
Delta R.T.: -0.005 min
Response: 240448
Conc: 1.88 ng/ml



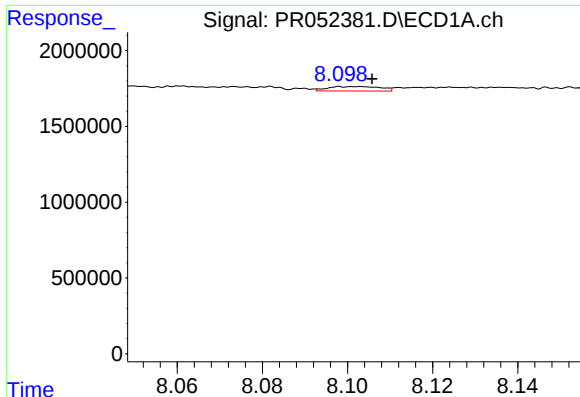
#32 AR-1260-2

R.T.: 7.691 min
Delta R.T.: -0.053 min
Response: 93194
Conc: 0.52 ng/ml



#32 AR-1260-2

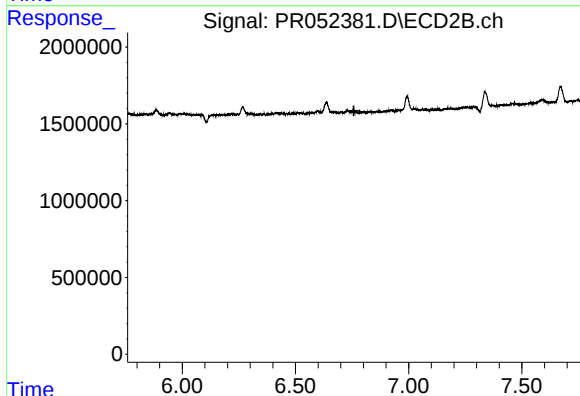
R.T.: 6.601 min
Delta R.T.: -0.004 min
Response: 187621
Conc: 1.25 ng/ml



#33 AR-1260-3

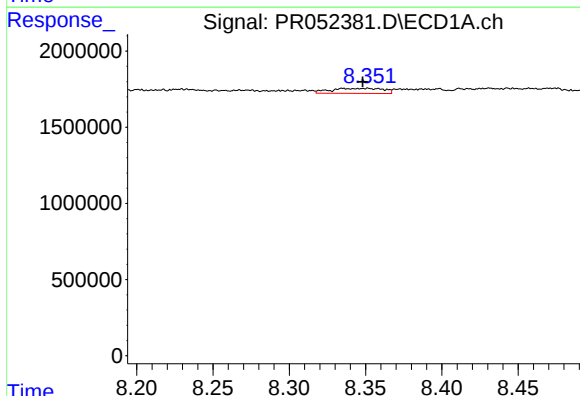
R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 249737
Conc: 1.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



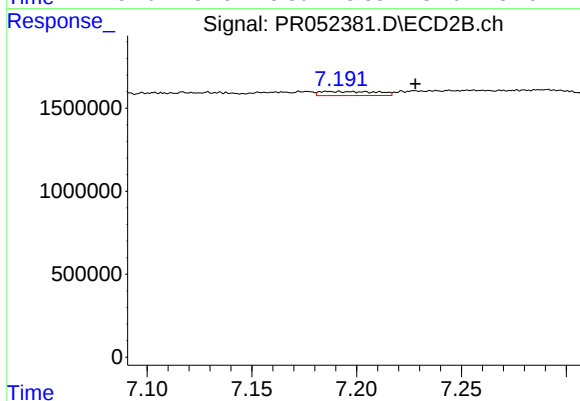
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.758 min
Response: 0
Conc: N.D.



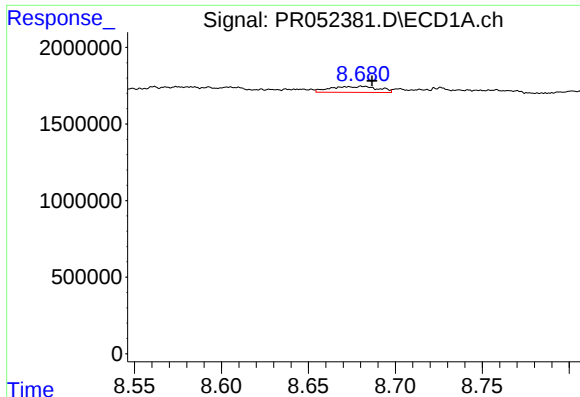
#34 AR-1260-4

R.T.: 8.352 min
Delta R.T.: 0.003 min
Response: 799833
Conc: 4.83 ng/ml



#34 AR-1260-4

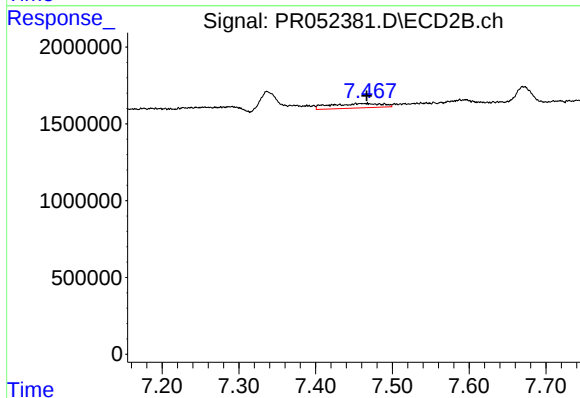
R.T.: 7.192 min
Delta R.T.: -0.036 min
Response: 469186
Conc: 3.87 ng/ml



#35 AR-1260-5

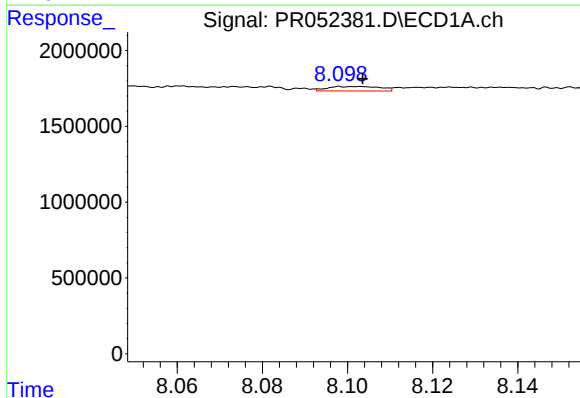
R.T.: 8.681 min
Delta R.T.: -0.005 min
Response: 749407
Conc: 2.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



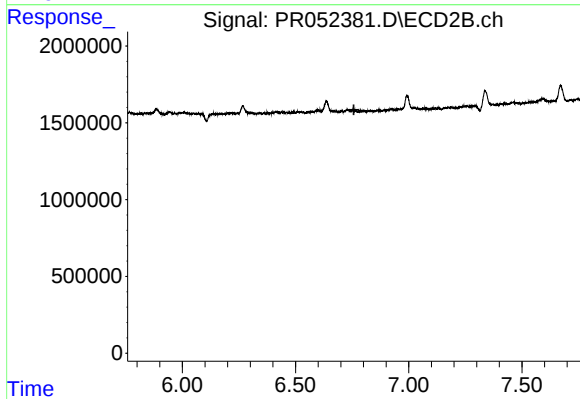
#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: 0.001 min
Response: 1367040
Conc: 4.41 ng/ml



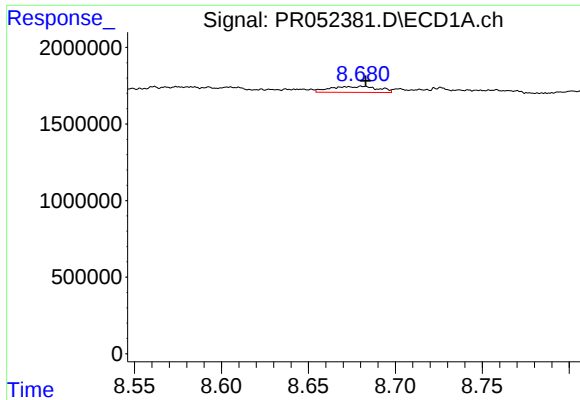
#36 AR-1262-1

R.T.: 8.102 min
Delta R.T.: -0.001 min
Response: 249737
Conc: 1.21 ng/ml



#36 AR-1262-1

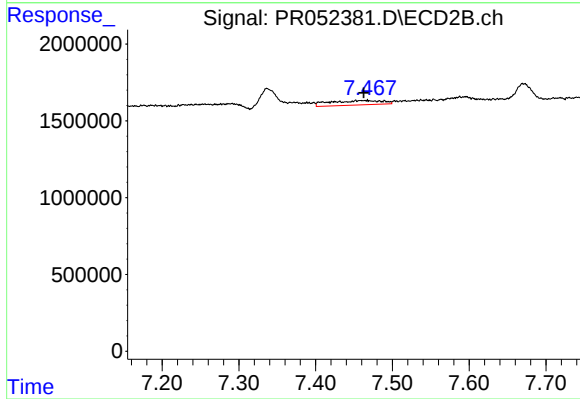
R.T.: 0.000 min
Exp R.T.: 6.758 min
Response: 0
Conc: N.D.



#37 AR-1262-2

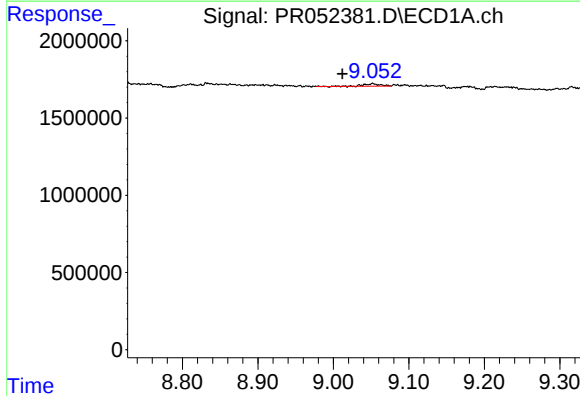
R.T.: 8.681 min
Delta R.T.: -0.002 min
Response: 749407
Conc: 1.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



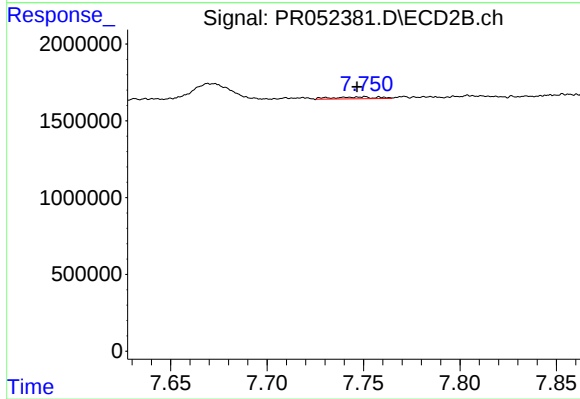
#37 AR-1262-2

R.T.: 7.467 min
Delta R.T.: 0.005 min
Response: 1367040
Conc: 4.02 ng/ml



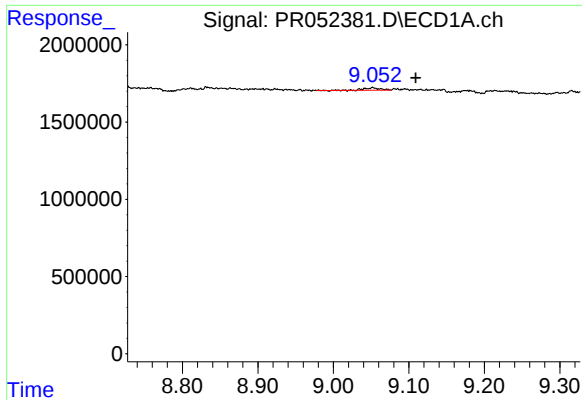
#38 AR-1262-3

R.T.: 9.052 min
Delta R.T.: 0.040 min
Response: 232217
Conc: 1.37 ng/ml



#38 AR-1262-3

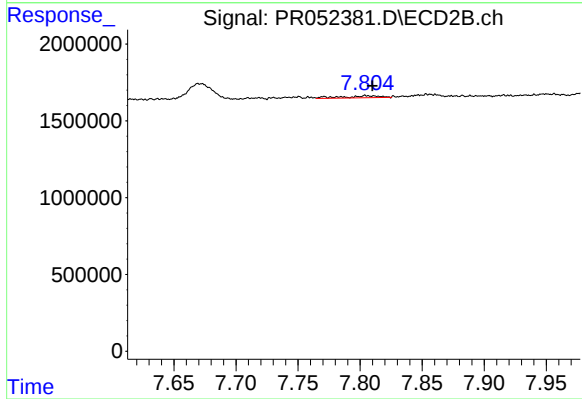
R.T.: 7.750 min
Delta R.T.: 0.004 min
Response: 189555
Conc: 1.36 ng/ml



#39 AR-1262-4

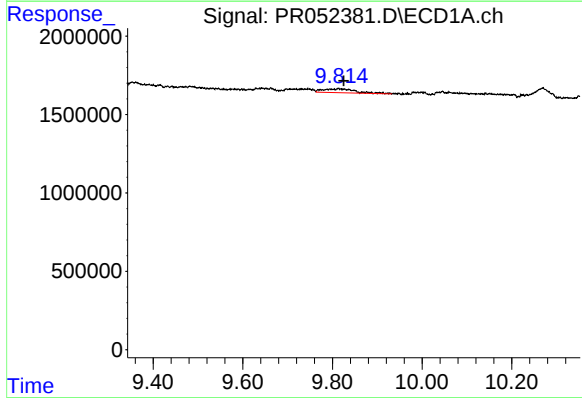
R.T.: 9.052 min
Delta R.T.: -0.057 min
Response: 232217
Conc: 1.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



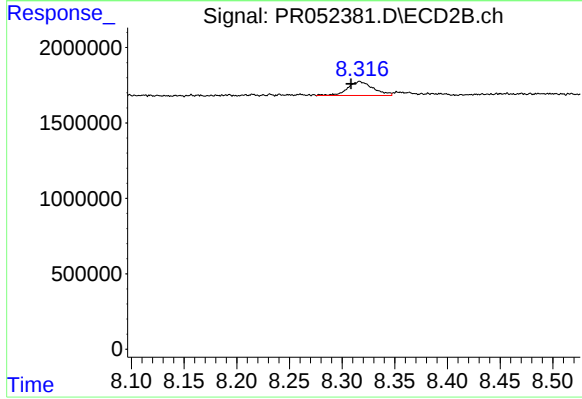
#39 AR-1262-4

R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 271124
Conc: 1.01 ng/ml



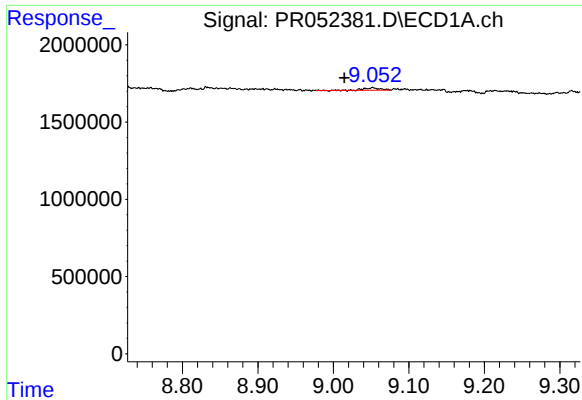
#40 AR-1262-5

R.T.: 9.814 min
Delta R.T.: -0.011 min
Response: 1240537
Conc: 8.37 ng/ml



#40 AR-1262-5

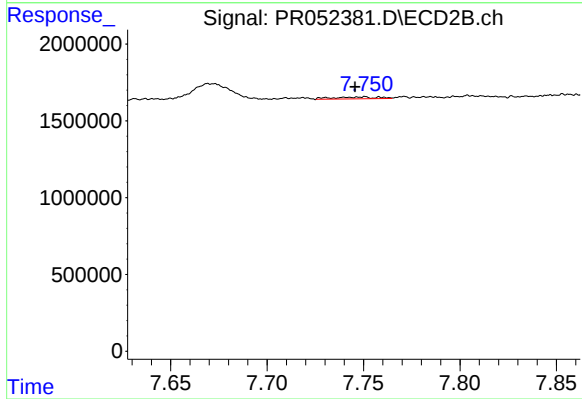
R.T.: 8.317 min
Delta R.T.: 0.008 min
Response: 1558398
Conc: 11.32 ng/ml



#41 AR-1268-1

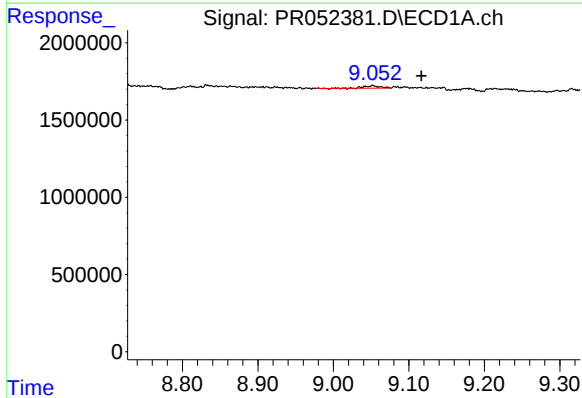
R.T.: 9.052 min
Delta R.T.: 0.038 min
Response: 232217
Conc: 0.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



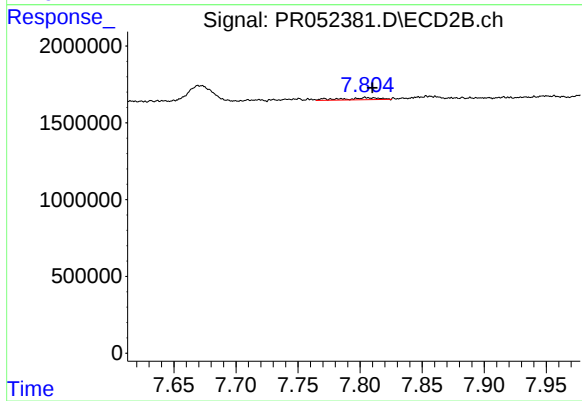
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: 0.005 min
Response: 189555
Conc: 0.48 ng/ml



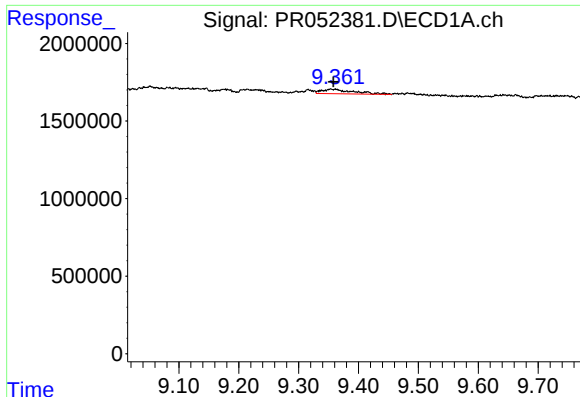
#42 AR-1268-2

R.T.: 9.052 min
Delta R.T.: -0.065 min
Response: 232217
Conc: 0.57 ng/ml



#42 AR-1268-2

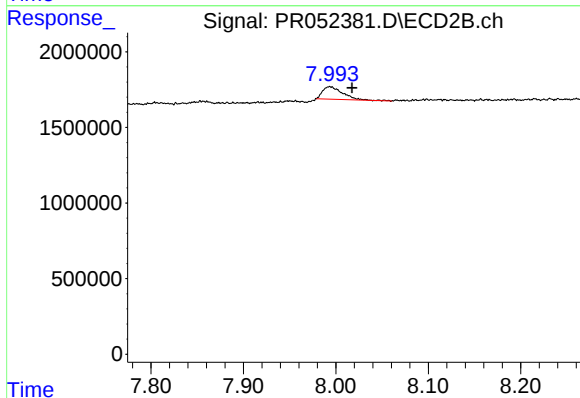
R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 271124
Conc: 0.70 ng/ml



#43 AR-1268-3

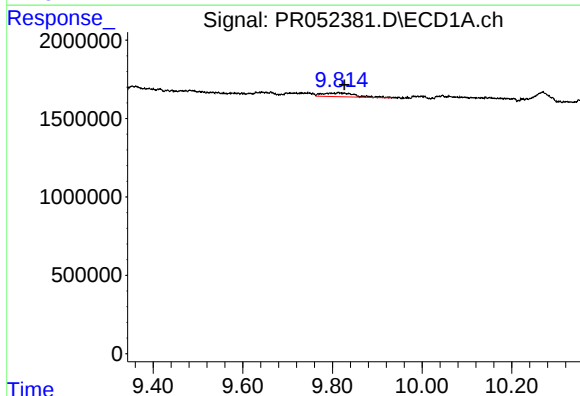
R.T.: 9.354 min
Delta R.T.: -0.004 min
Response: 1061827
Conc: 3.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



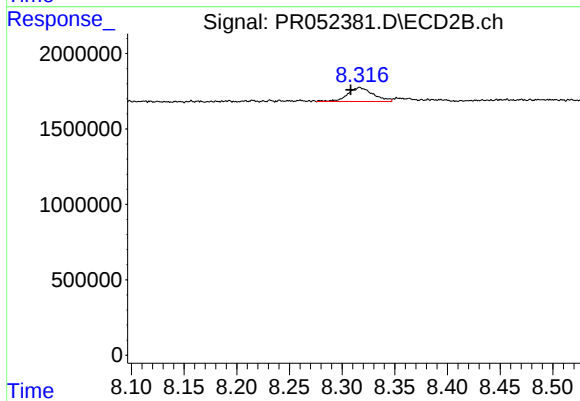
#43 AR-1268-3

R.T.: 7.994 min
Delta R.T.: -0.024 min
Response: 1259149
Conc: 3.70 ng/ml



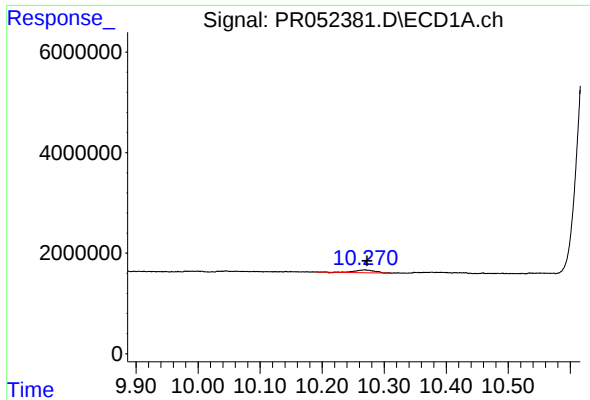
#44 AR-1268-4

R.T.: 9.814 min
Delta R.T.: -0.013 min
Response: 1240537
Conc: 7.62 ng/ml



#44 AR-1268-4

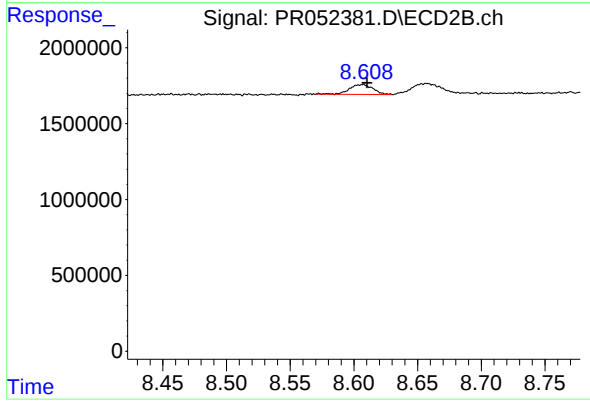
R.T.: 8.317 min
Delta R.T.: 0.008 min
Response: 1558398
Conc: 10.44 ng/ml



#45 AR-1268-5

R.T.: 10.269 min
Delta R.T.: -0.003 min
Response: 1278798
Conc: 1.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.606 min
Delta R.T.: -0.005 min
Response: 838957
Conc: 0.71 ng/ml