

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080318\
 Data File : PR031055.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2018 08:35 am
 Operator : SM\MA
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 09:21:30 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR073118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 01 10:06:46 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.568	3.692	360.8E6	565.7E6	24.560	21.501
2)	SA Decachlor...	10.352	8.590	944.0E6	594.3E6	26.585	27.385
Target Compounds							
3)	L1 AR-1016-1	4.933	4.368	2279503	12620846	8.398	14.649 #
4)	L1 AR-1016-2	0.000	4.771	0	4992295	N.D.	3.702 #
5)	L1 AR-1016-3	0.000	4.771	0	4992295	N.D.	2.024 #
6)	L1 AR-1016-4	5.831	4.794	1038046	1898637	1.722	1.284 #
7)	L1 AR-1016-5	6.397	4.983	12003833	4450121	20.155	4.439 #
8)	L2 AR-1221-1	0.000	3.905	0	2952494	N.D.	8.016 #
9)	L2 AR-1221-2	4.874	3.988	5439233	17787373	38.400	63.510 #
10)	L2 AR-1221-3	4.933	4.071	2279503	4092027	5.315	4.491
11)	L3 AR-1232-1	5.265	4.368	2217320	12620846	11.339	31.290 #
12)	L3 AR-1232-2	0.000	4.771	0	4992295	N.D.	4.472 #
13)	L3 AR-1232-3	0.000	4.794	0	1898637	N.D.	2.821 #
14)	L3 AR-1232-4	5.831	5.037	1038046	8462185	3.793	16.700 #
15)	L3 AR-1232-5	6.257	5.311	1807883	11438168	7.831	18.554 #
16)	L4 AR-1242-1	0.000	4.504	0	7777334	N.D.	9.021 #
17)	L4 AR-1242-2	5.659	4.771	14718792	4992295	24.960	2.464 #
18)	L4 AR-1242-3	0.000	4.983	0	4450121	N.D.	4.623 #
19)	L4 AR-1242-4	6.257	4.983	1807883	4450121	3.889	5.437 #
20)	L4 AR-1242-5	6.397	5.196	12003833	23051782	22.816	19.375
21)	L5 AR-1248-1	6.257	4.983	1807883	4450121	2.496	3.286 #
22)	L5 AR-1248-2	6.397	5.037	12003833	8462185	19.084	6.005 #
23)	L5 AR-1248-3	6.592	5.196	21889418	23051782	22.605	12.801 #
24)	L5 AR-1248-4	6.646	5.546	3007081	9368838	3.289	3.311
25)	L5 AR-1248-5	6.738	5.580	3069774	12513721	3.225	6.177 #
26)	L6 AR-1254-1	5.983	4.983	2755033	4450121	4.921	3.469 #
27)	L6 AR-1254-2	6.738	5.674	3069774	5207091	1.608	1.510
28)	L6 AR-1254-3	7.168	6.074	33951936	13769732	15.992	2.436 #
29)	L6 AR-1254-4	7.430	6.274	6517733	23563148	3.448	5.379 #
30)	L6 AR-1254-5	7.825	6.709	10463909	3644187	5.264	0.868 #
31)	L7 AR-1260-1	7.323	6.213	454503	31172984	0.347	9.807 #
32)	L7 AR-1260-2	7.585	6.389	446312	69209584	0.233	17.502 #
33)	L7 AR-1260-3	7.825	6.751	10463909	3598520	4.782	1.271 #
34)	L7 AR-1260-4	0.000	7.238	0	1953690	N.D.	0.533 #
35)	L7 AR-1260-5	8.862	7.570	8893251	1919412	3.762	0.905 #
36)	L8 AR-1262-1	7.323	6.213	454503	31172984	0.368	10.921 #
37)	L8 AR-1262-2	7.585	6.389	446312	69209584	0.256	19.983 #
38)	L8 AR-1262-3	7.876	6.751	4245223	3598520	1.610	0.859 #
39)	L8 AR-1262-4	8.159	6.985	14141985	4683227	6.676	1.719 #
40)	L8 AR-1262-5	0.000	7.238	0	1953690	N.D.	0.427 #
41)	L9 AR-1268-1	8.862	7.510	8893251	38205032	1.597	9.727 #

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Instrument :
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 Response via : Initial Calibration
 Integrator: ChemStation

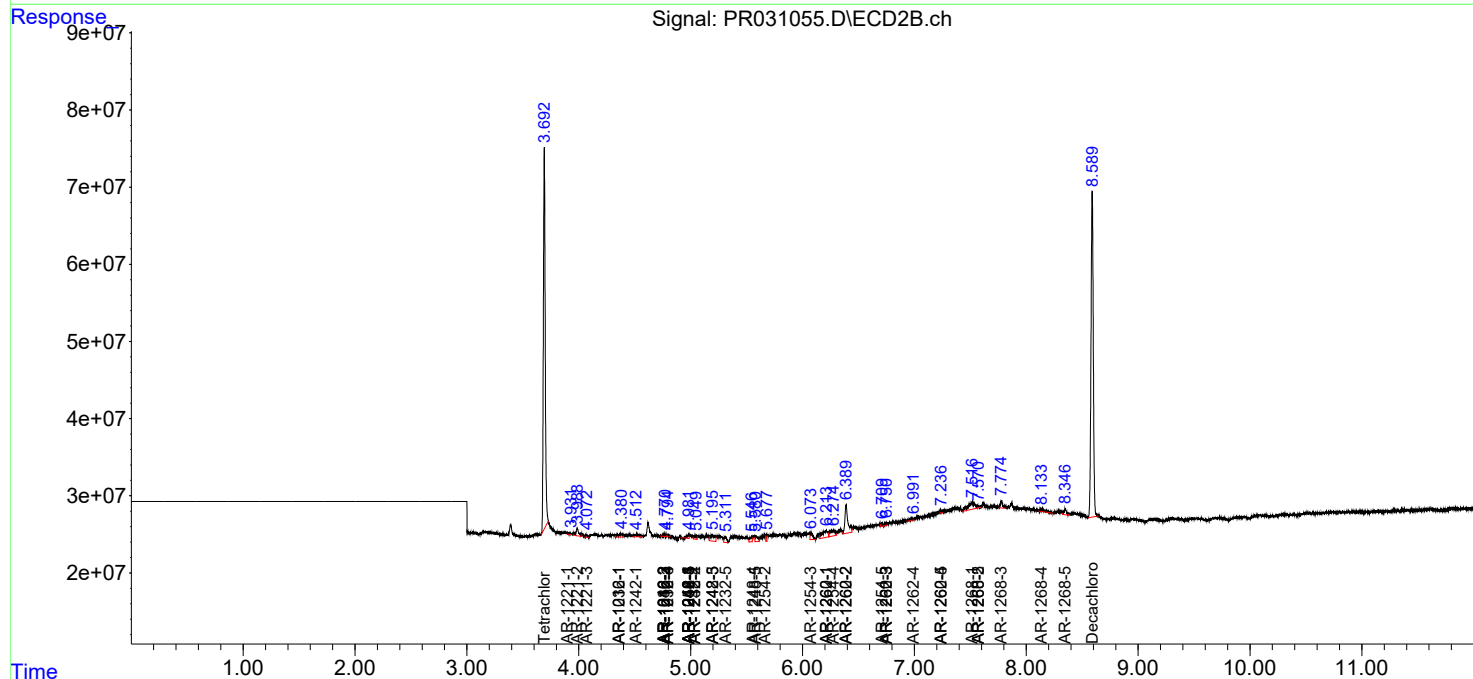
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

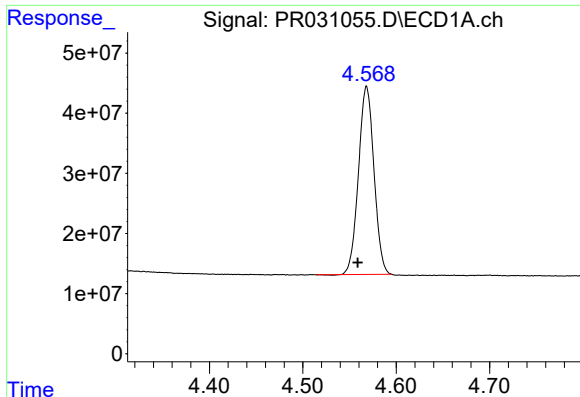
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.906	7.570	20311339	1919412	4.225	0.577 #
43) L9	AR-1268-3	9.098	7.777	15861617	13163716	3.658	4.907 #
44) L9	AR-1268-4	9.526	8.133	56279863	9407728	29.195	8.116 #
45) L9	AR-1268-5	10.005	8.348	31807992	13010768	2.490	1.860 #

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

Instrument :
ECD_R
ClientSampleId :

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

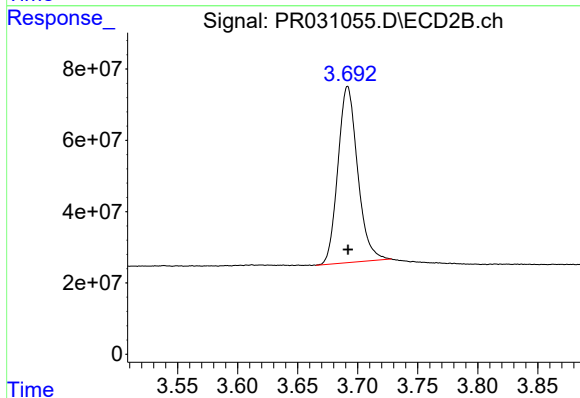




#1 Tetrachloro-m-xylene

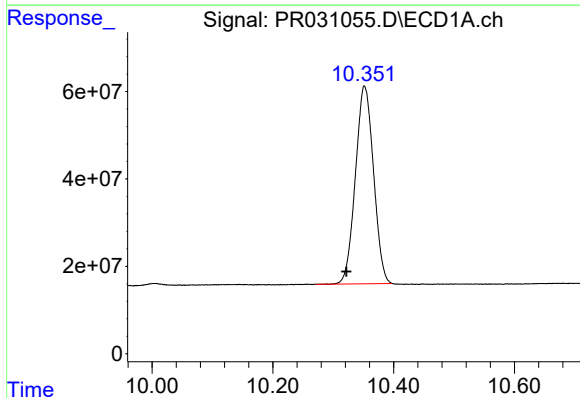
R.T.: 4.568 min
Delta R.T.: 0.009 min
Response: 360764952
Conc: 24.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



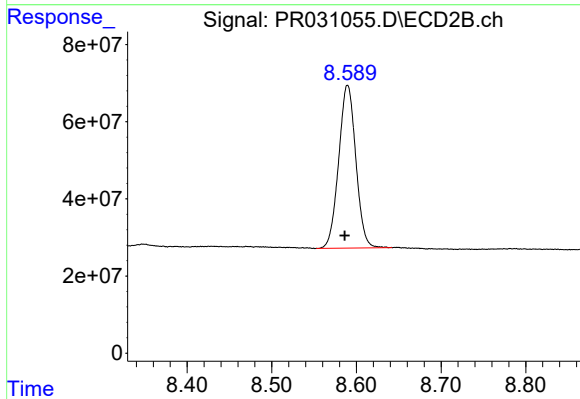
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 565660982
Conc: 21.50 ng/ml



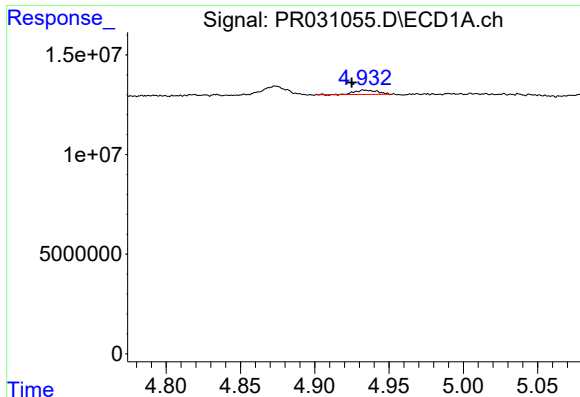
#2 Decachlorobiphenyl

R.T.: 10.352 min
Delta R.T.: 0.030 min
Response: 943964829
Conc: 26.58 ng/ml



#2 Decachlorobiphenyl

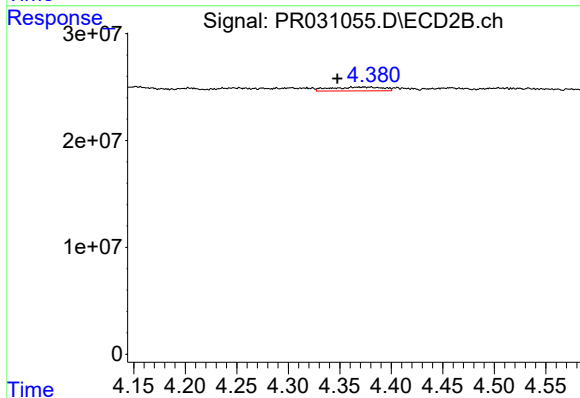
R.T.: 8.590 min
Delta R.T.: 0.003 min
Response: 594285903
Conc: 27.38 ng/ml



#3 AR-1016-1

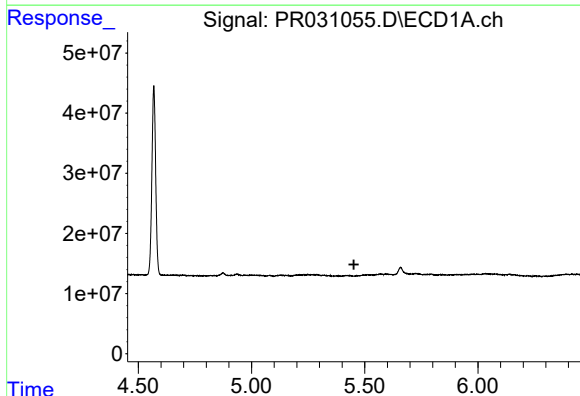
R.T.: 4.933 min
Delta R.T.: 0.009 min
Response: 2279503
Conc: 8.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



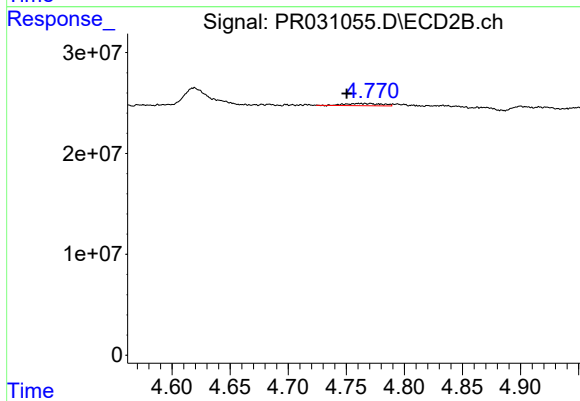
#3 AR-1016-1

R.T.: 4.368 min
Delta R.T.: 0.021 min
Response: 12620846
Conc: 14.65 ng/ml



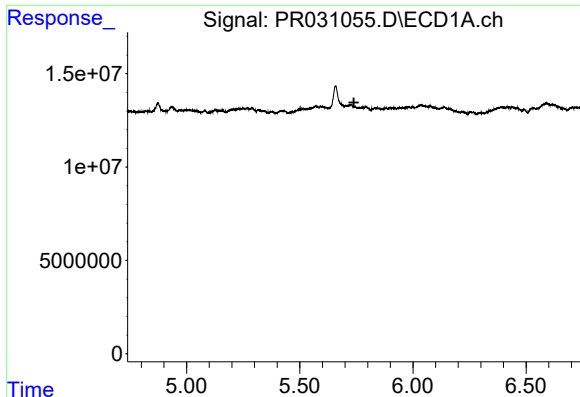
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.452 min
Response: 0
Conc: N.D.



#4 AR-1016-2

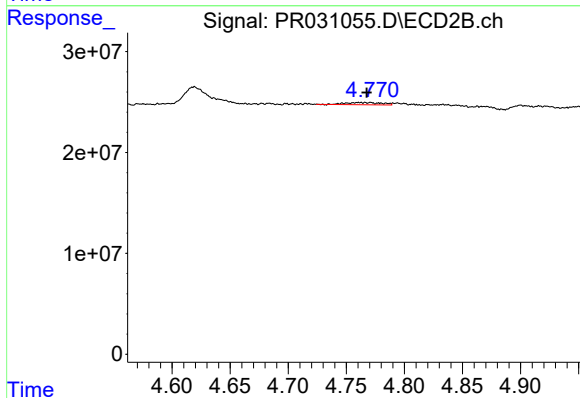
R.T.: 4.771 min
Delta R.T.: 0.020 min
Response: 4992295
Conc: 3.70 ng/ml



#5 AR-1016-3

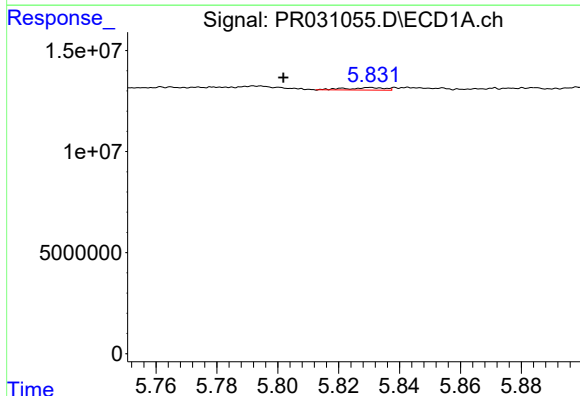
R.T.: 0.000 min
Exp R.T.: 5.739 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



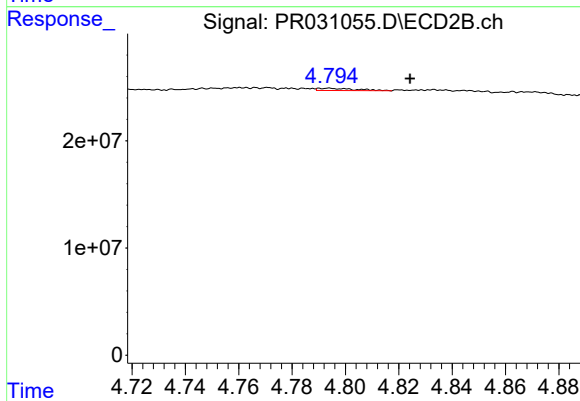
#5 AR-1016-3

R.T.: 4.771 min
Delta R.T.: 0.003 min
Response: 4992295
Conc: 2.02 ng/ml



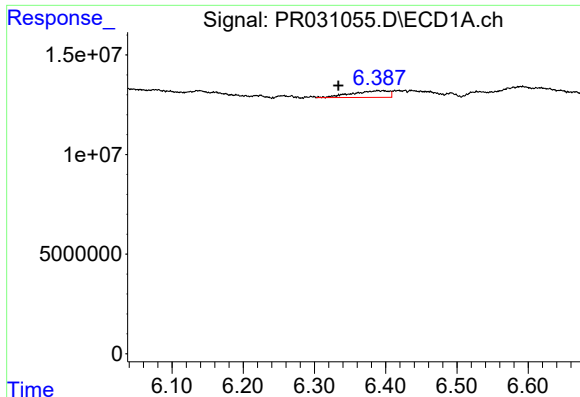
#6 AR-1016-4

R.T.: 5.831 min
Delta R.T.: 0.029 min
Response: 1038046
Conc: 1.72 ng/ml



#6 AR-1016-4

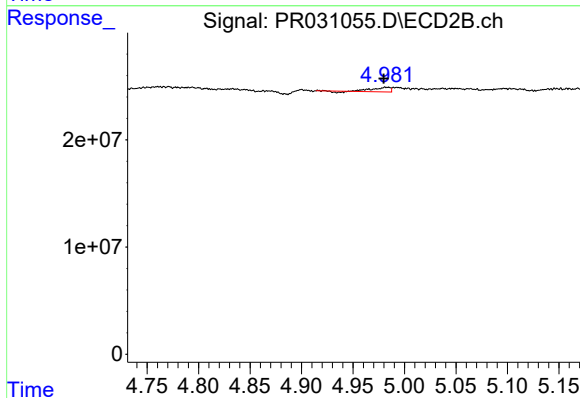
R.T.: 4.794 min
Delta R.T.: -0.031 min
Response: 1898637
Conc: 1.28 ng/ml



#7 AR-1016-5

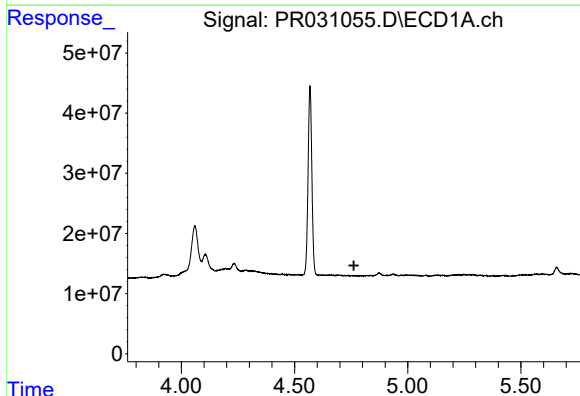
R.T.: 6.397 min
Delta R.T.: 0.063 min
Response: 12003833
Conc: 20.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



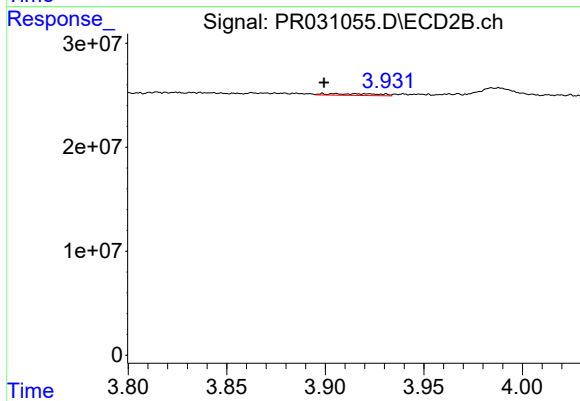
#7 AR-1016-5

R.T.: 4.983 min
Delta R.T.: 0.003 min
Response: 4450121
Conc: 4.44 ng/ml



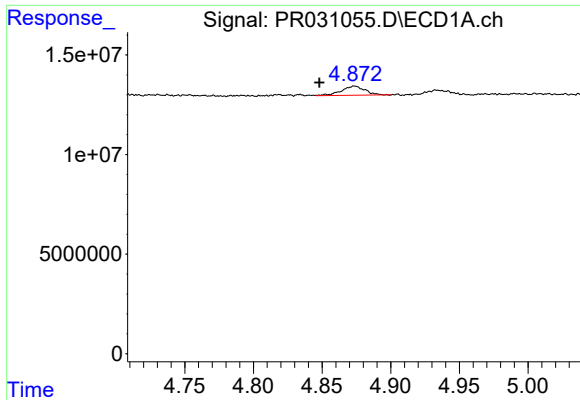
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.762 min
Response: 0
Conc: N.D.



#8 AR-1221-1

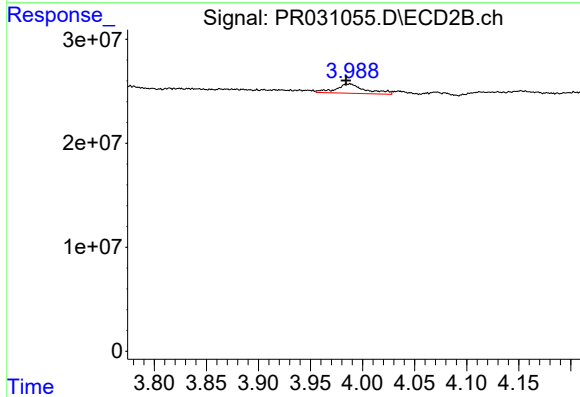
R.T.: 3.905 min
Delta R.T.: 0.006 min
Response: 2952494
Conc: 8.02 ng/ml



#9 AR-1221-2

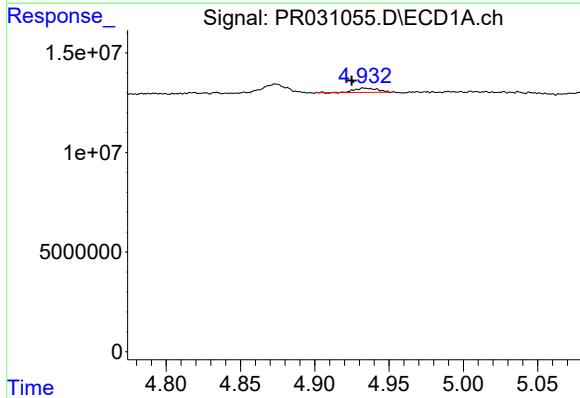
R.T.: 4.874 min
Delta R.T.: 0.026 min
Response: 5439233
Conc: 38.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



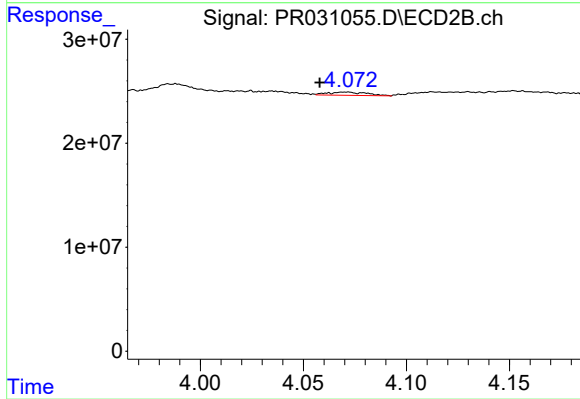
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: 0.004 min
Response: 17787373
Conc: 63.51 ng/ml



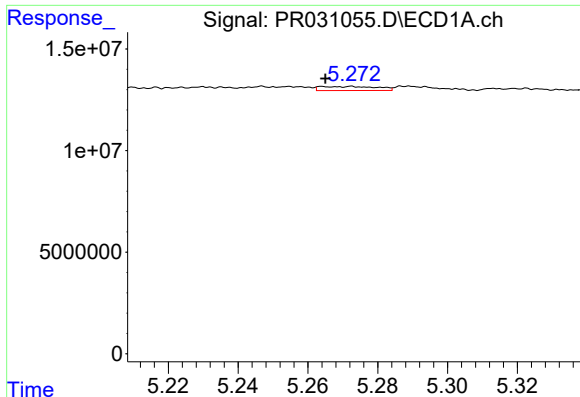
#10 AR-1221-3

R.T.: 4.933 min
Delta R.T.: 0.008 min
Response: 2279503
Conc: 5.31 ng/ml



#10 AR-1221-3

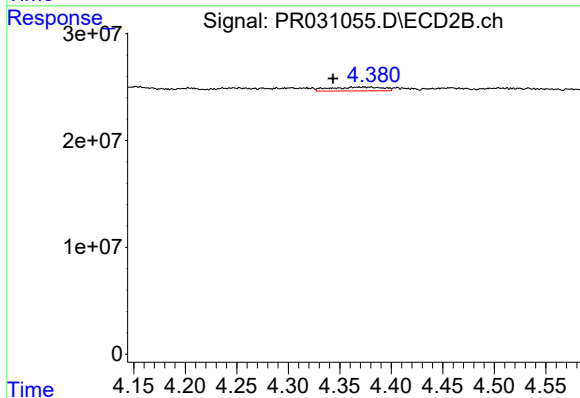
R.T.: 4.071 min
Delta R.T.: 0.013 min
Response: 4092027
Conc: 4.49 ng/ml



#11 AR-1232-1

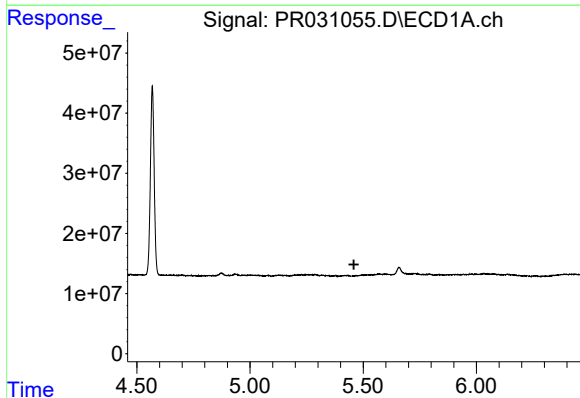
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 2217320
Conc: 11.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



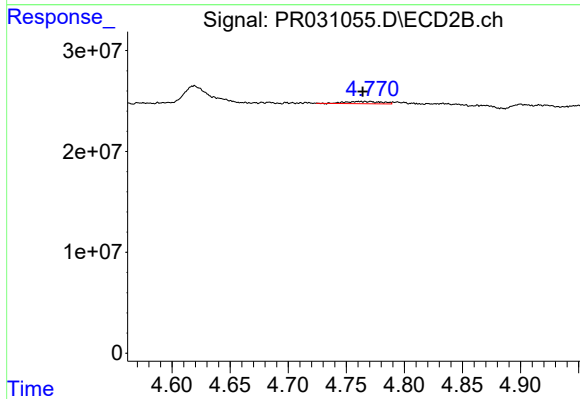
#11 AR-1232-1

R.T.: 4.368 min
Delta R.T.: 0.025 min
Response: 12620846
Conc: 31.29 ng/ml



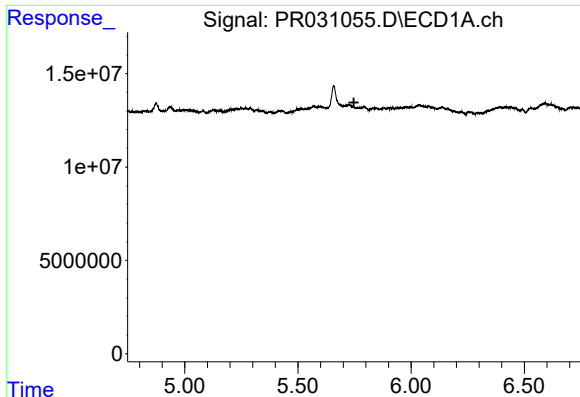
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.459 min
Response: 0
Conc: N.D.



#12 AR-1232-2

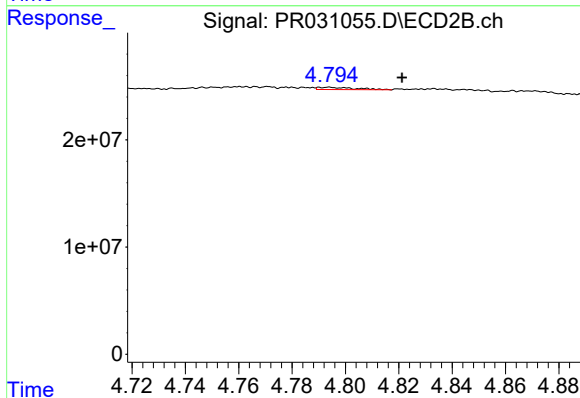
R.T.: 4.771 min
Delta R.T.: 0.006 min
Response: 4992295
Conc: 4.47 ng/ml



#13 AR-1232-3

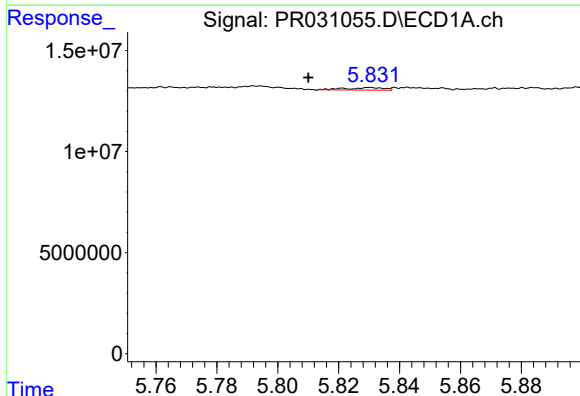
R.T.: 0.000 min
Exp R.T.: 5.747 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



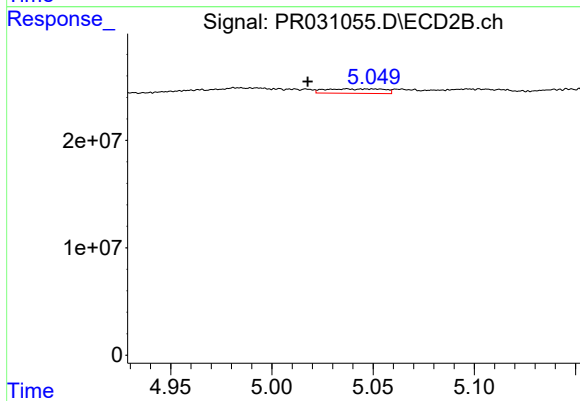
#13 AR-1232-3

R.T.: 4.794 min
Delta R.T.: -0.028 min
Response: 1898637
Conc: 2.82 ng/ml



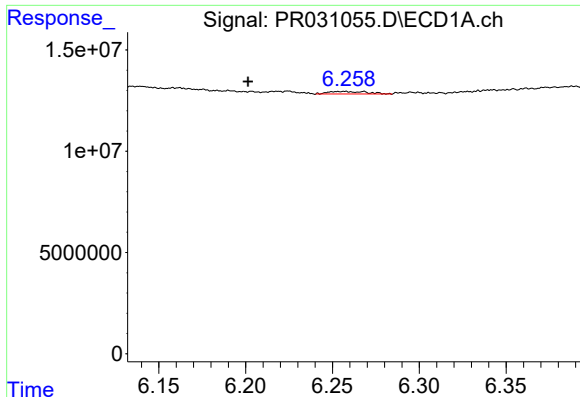
#14 AR-1232-4

R.T.: 5.831 min
Delta R.T.: 0.021 min
Response: 1038046
Conc: 3.79 ng/ml



#14 AR-1232-4

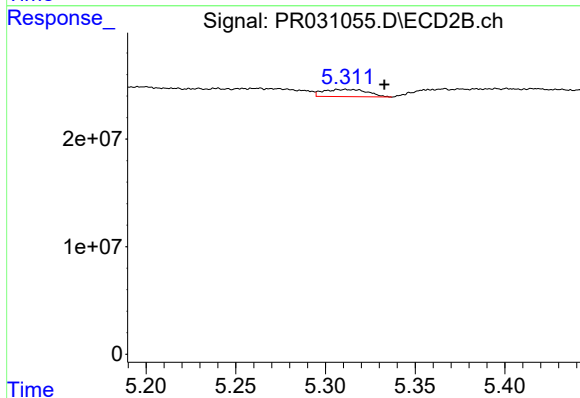
R.T.: 5.037 min
Delta R.T.: 0.019 min
Response: 8462185
Conc: 16.70 ng/ml



#15 AR-1232-5

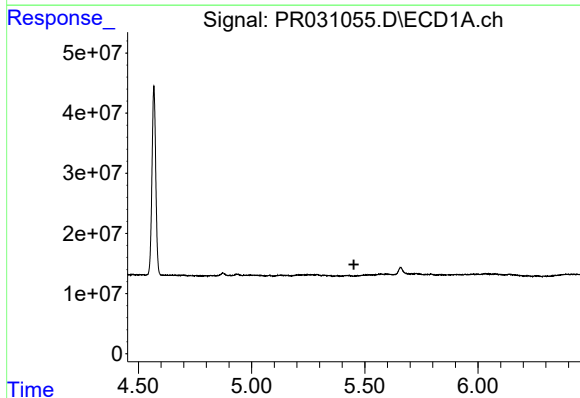
R.T.: 6.257 min
Delta R.T.: 0.055 min
Response: 1807883
Conc: 7.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



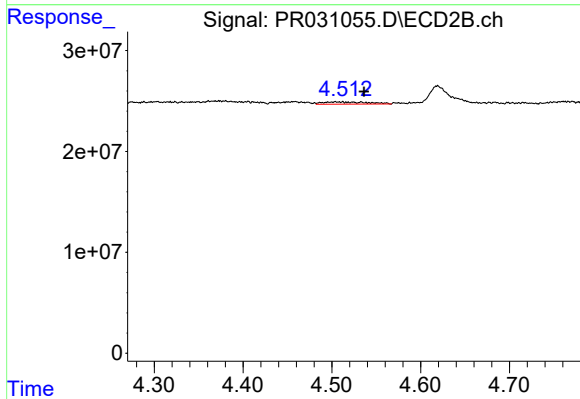
#15 AR-1232-5

R.T.: 5.311 min
Delta R.T.: -0.022 min
Response: 11438168
Conc: 18.55 ng/ml



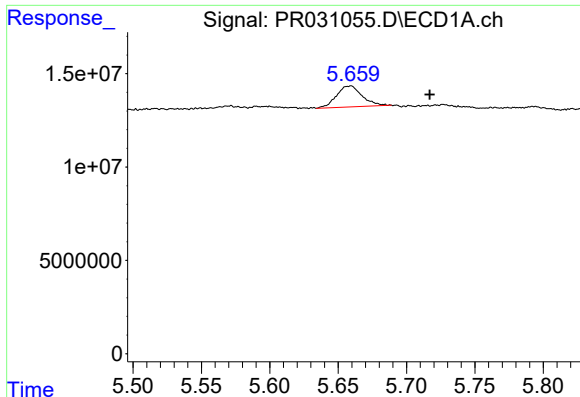
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.452 min
Response: 0
Conc: N.D.



#16 AR-1242-1

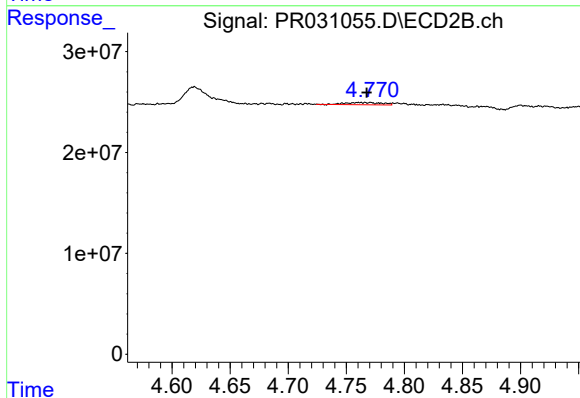
R.T.: 4.504 min
Delta R.T.: -0.032 min
Response: 7777334
Conc: 9.02 ng/ml



#17 AR-1242-2

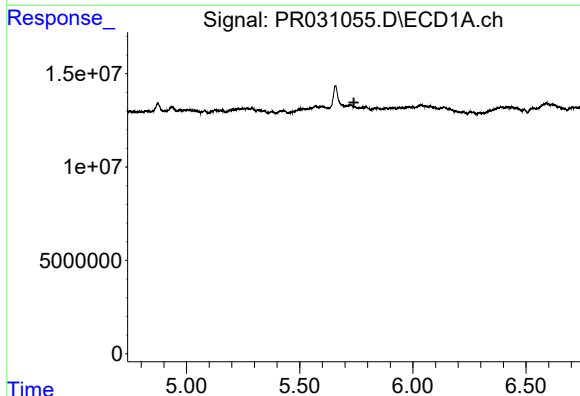
R.T.: 5.659 min
Delta R.T.: -0.058 min
Response: 14718792
Conc: 24.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



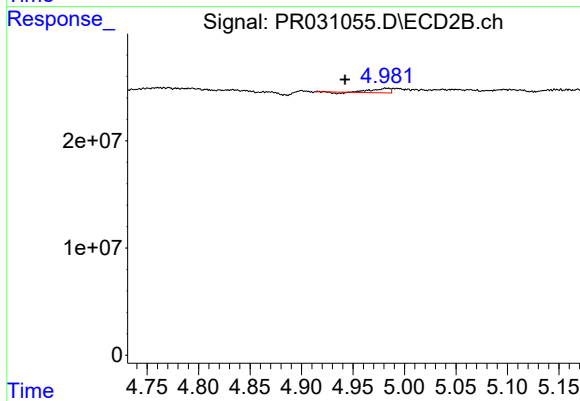
#17 AR-1242-2

R.T.: 4.771 min
Delta R.T.: 0.003 min
Response: 4992295
Conc: 2.46 ng/ml



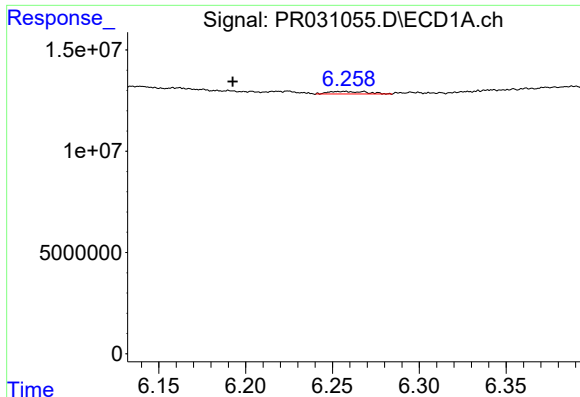
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#18 AR-1242-3

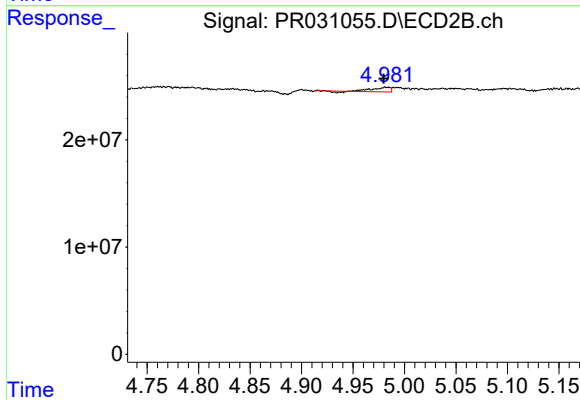
R.T.: 4.983 min
Delta R.T.: 0.041 min
Response: 4450121
Conc: 4.62 ng/ml



#19 AR-1242-4

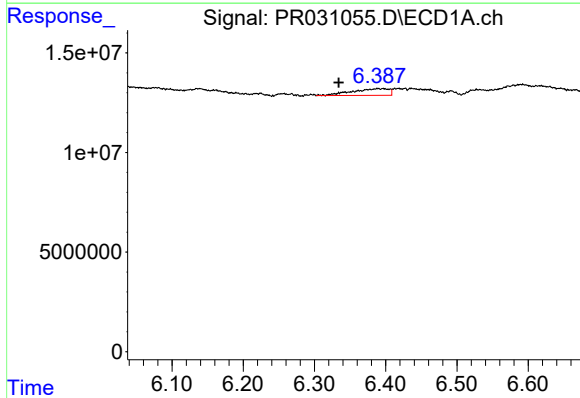
R.T.: 6.257 min
Delta R.T.: 0.064 min
Response: 1807883
Conc: 3.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



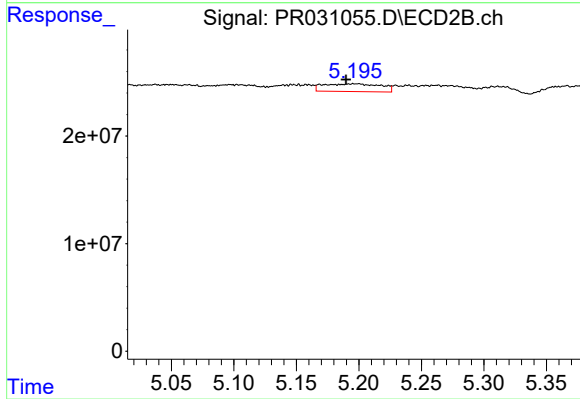
#19 AR-1242-4

R.T.: 4.983 min
Delta R.T.: 0.003 min
Response: 4450121
Conc: 5.44 ng/ml



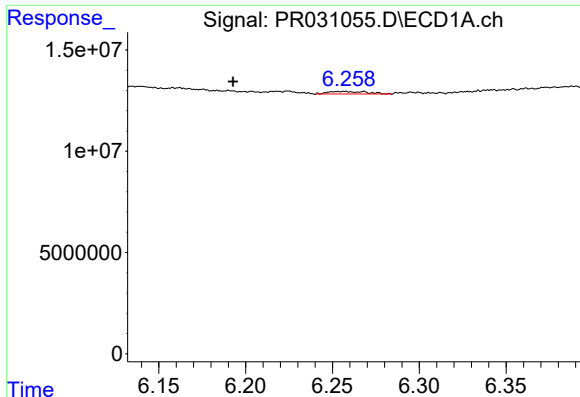
#20 AR-1242-5

R.T.: 6.397 min
Delta R.T.: 0.062 min
Response: 12003833
Conc: 22.82 ng/ml



#20 AR-1242-5

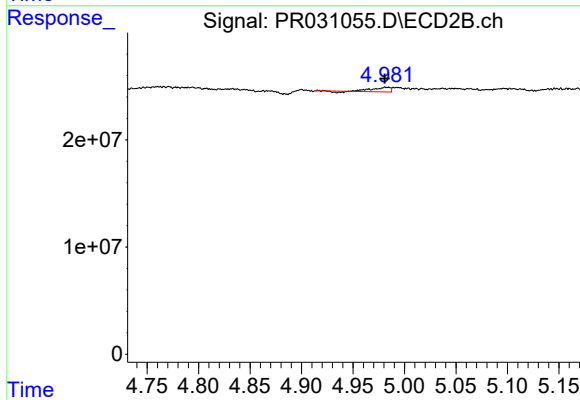
R.T.: 5.196 min
Delta R.T.: 0.007 min
Response: 23051782
Conc: 19.38 ng/ml



#21 AR-1248-1

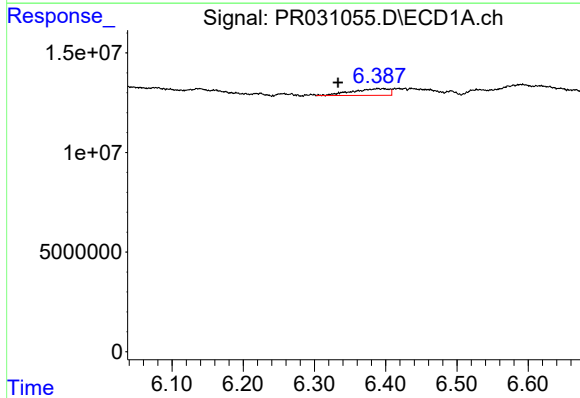
R.T.: 6.257 min
Delta R.T.: 0.064 min
Response: 1807883
Conc: 2.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



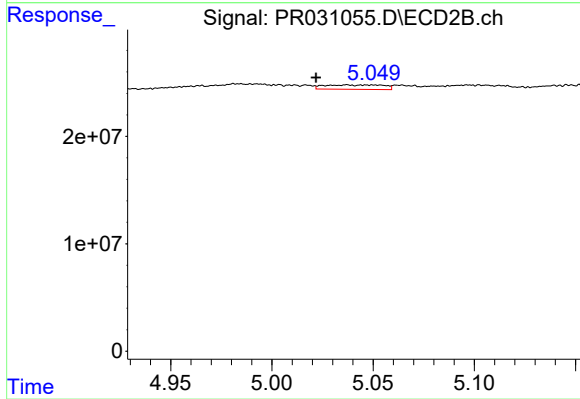
#21 AR-1248-1

R.T.: 4.983 min
Delta R.T.: 0.002 min
Response: 4450121
Conc: 3.29 ng/ml



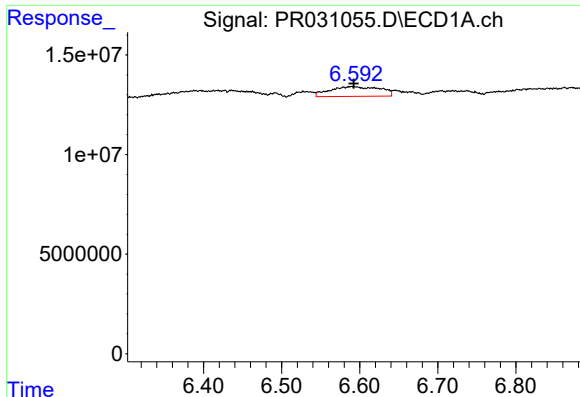
#22 AR-1248-2

R.T.: 6.397 min
Delta R.T.: 0.063 min
Response: 12003833
Conc: 19.08 ng/ml



#22 AR-1248-2

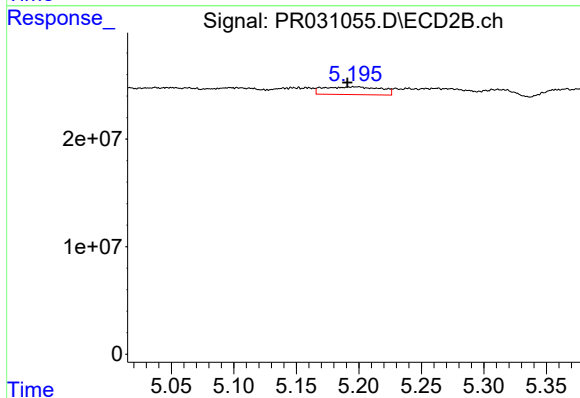
R.T.: 5.037 min
Delta R.T.: 0.015 min
Response: 8462185
Conc: 6.01 ng/ml



#23 AR-1248-3

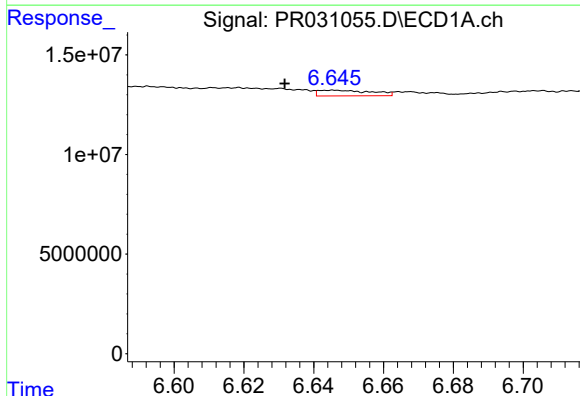
R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 21889418
Conc: 22.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



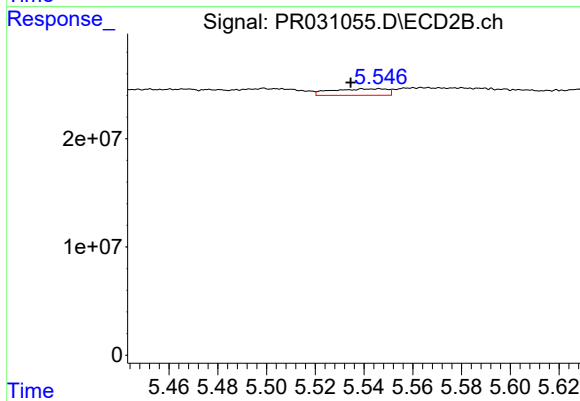
#23 AR-1248-3

R.T.: 5.196 min
Delta R.T.: 0.006 min
Response: 23051782
Conc: 12.80 ng/ml



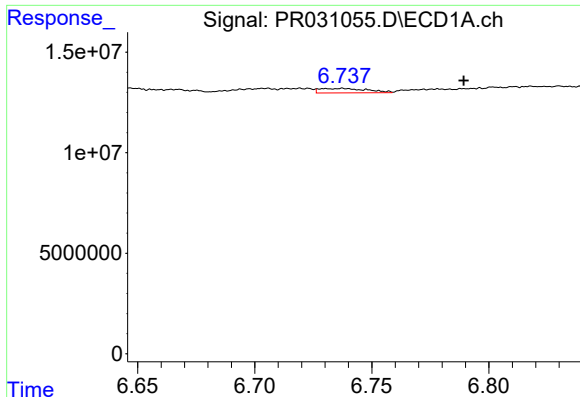
#24 AR-1248-4

R.T.: 6.646 min
Delta R.T.: 0.014 min
Response: 3007081
Conc: 3.29 ng/ml



#24 AR-1248-4

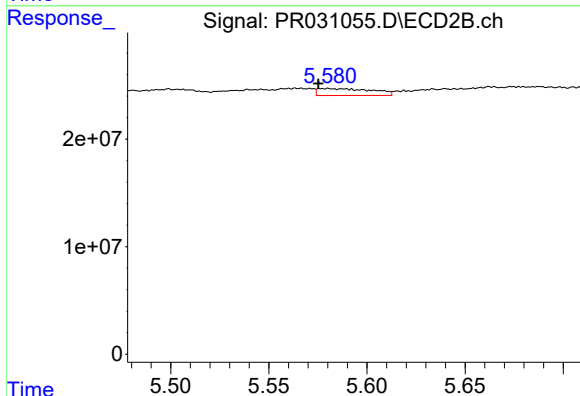
R.T.: 5.546 min
Delta R.T.: 0.012 min
Response: 9368838
Conc: 3.31 ng/ml



#25 AR-1248-5

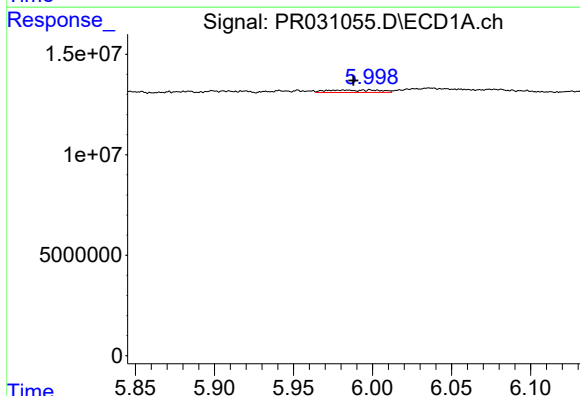
R.T.: 6.738 min
Delta R.T.: -0.052 min
Response: 3069774
Conc: 3.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



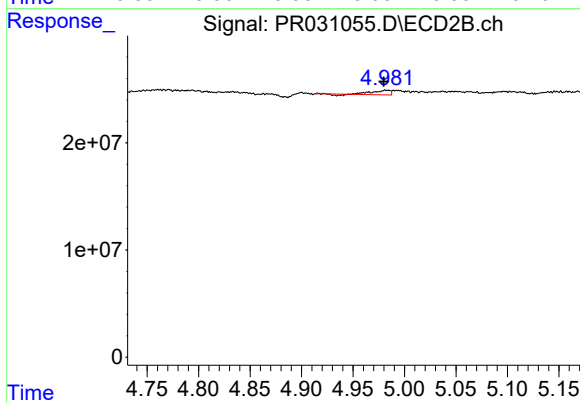
#25 AR-1248-5

R.T.: 5.580 min
Delta R.T.: 0.005 min
Response: 12513721
Conc: 6.18 ng/ml



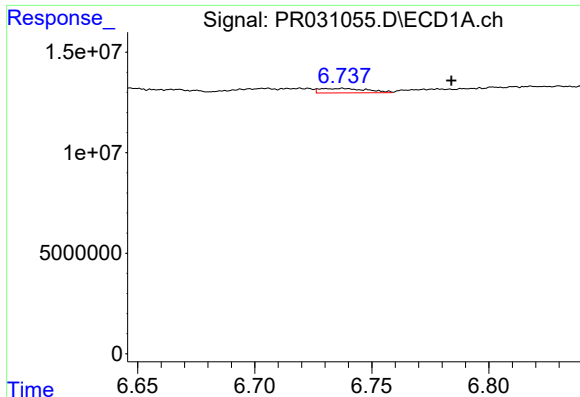
#26 AR-1254-1

R.T.: 5.983 min
Delta R.T.: -0.004 min
Response: 2755033
Conc: 4.92 ng/ml



#26 AR-1254-1

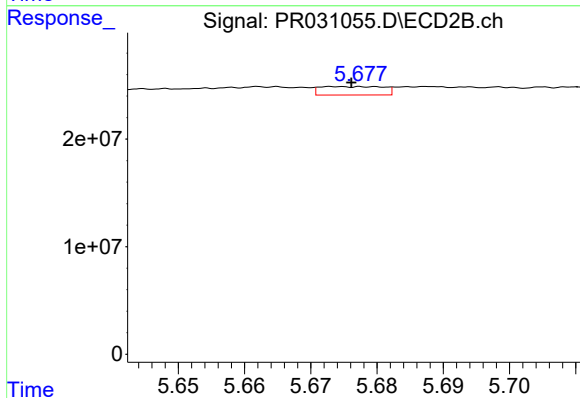
R.T.: 4.983 min
Delta R.T.: 0.003 min
Response: 4450121
Conc: 3.47 ng/ml



#27 AR-1254-2

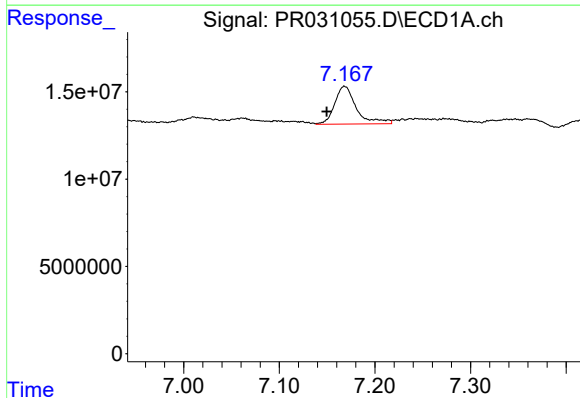
R.T.: 6.738 min
Delta R.T.: -0.046 min
Response: 3069774
Conc: 1.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



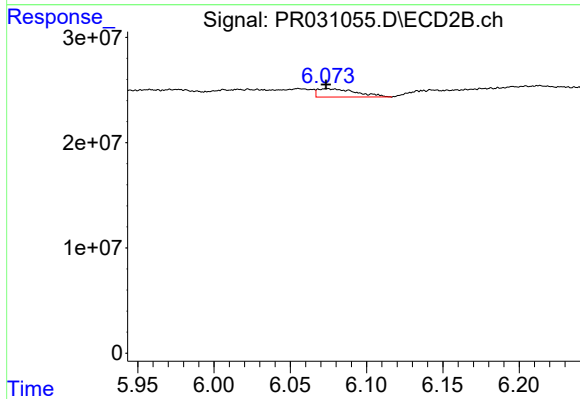
#27 AR-1254-2

R.T.: 5.674 min
Delta R.T.: -0.002 min
Response: 5207091
Conc: 1.51 ng/ml



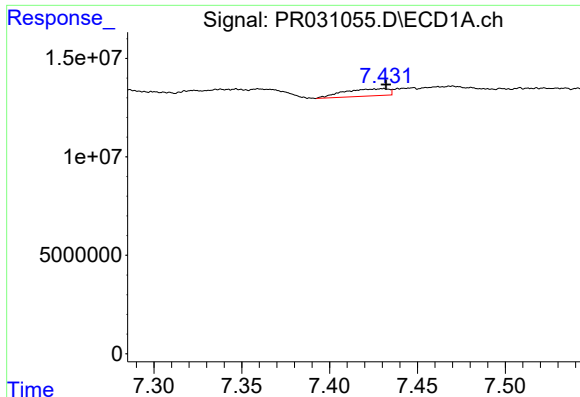
#28 AR-1254-3

R.T.: 7.168 min
Delta R.T.: 0.018 min
Response: 33951936
Conc: 15.99 ng/ml



#28 AR-1254-3

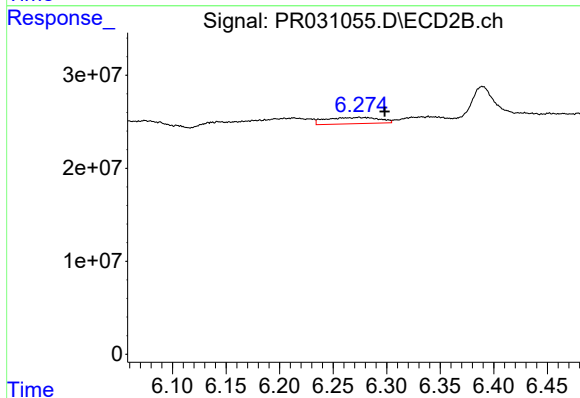
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 13769732
Conc: 2.44 ng/ml



#29 AR-1254-4

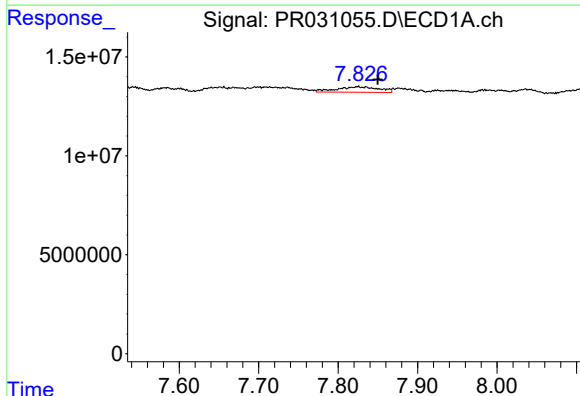
R.T.: 7.430 min
Delta R.T.: -0.002 min
Response: 6517733
Conc: 3.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



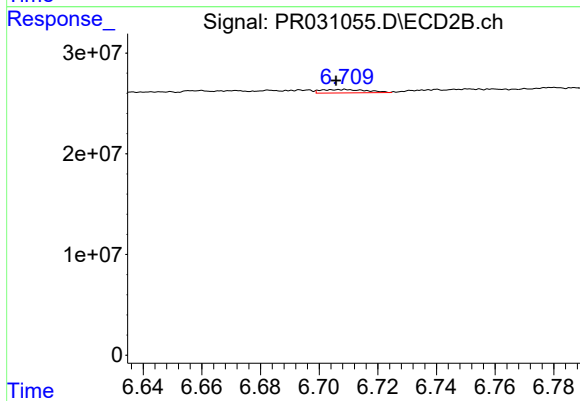
#29 AR-1254-4

R.T.: 6.274 min
Delta R.T.: -0.024 min
Response: 23563148
Conc: 5.38 ng/ml



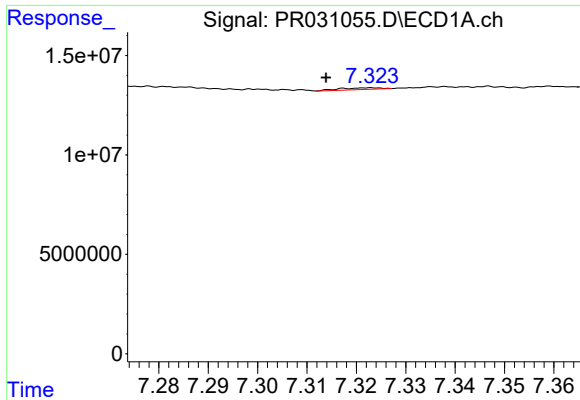
#30 AR-1254-5

R.T.: 7.825 min
Delta R.T.: -0.025 min
Response: 10463909
Conc: 5.26 ng/ml



#30 AR-1254-5

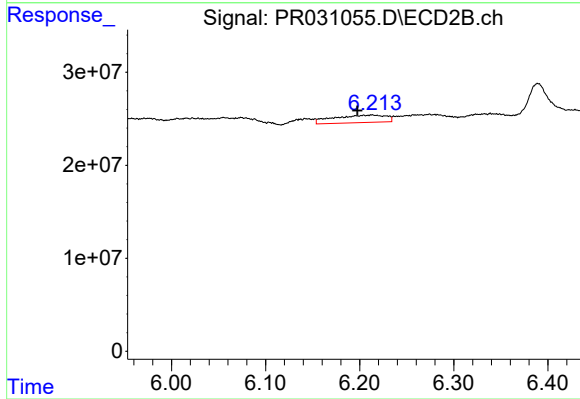
R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 3644187
Conc: 0.87 ng/ml



#31 AR-1260-1

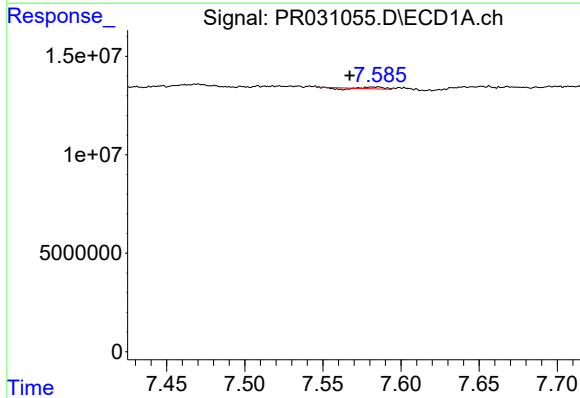
R.T.: 7.323 min
Delta R.T.: 0.009 min
Response: 454503
Conc: 0.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



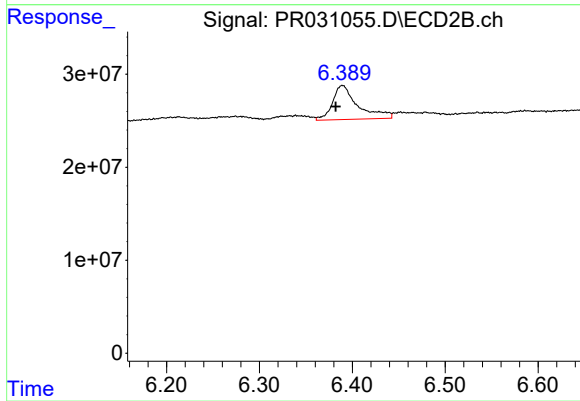
#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: 0.016 min
Response: 31172984
Conc: 9.81 ng/ml



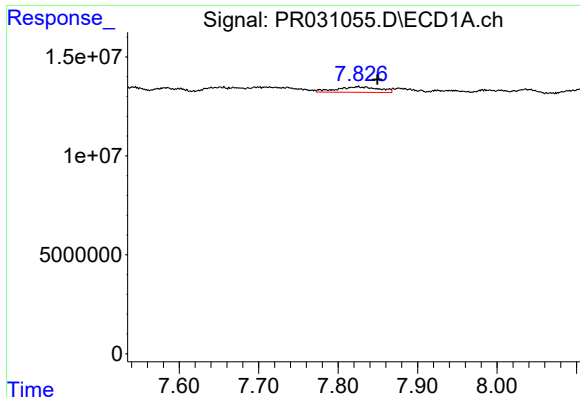
#32 AR-1260-2

R.T.: 7.585 min
Delta R.T.: 0.018 min
Response: 446312
Conc: 0.23 ng/ml



#32 AR-1260-2

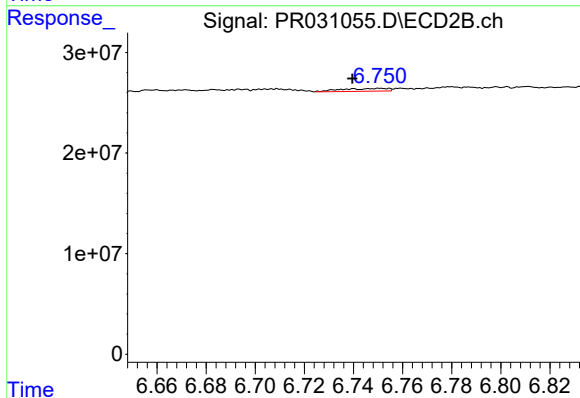
R.T.: 6.389 min
Delta R.T.: 0.007 min
Response: 69209584
Conc: 17.50 ng/ml



#33 AR-1260-3

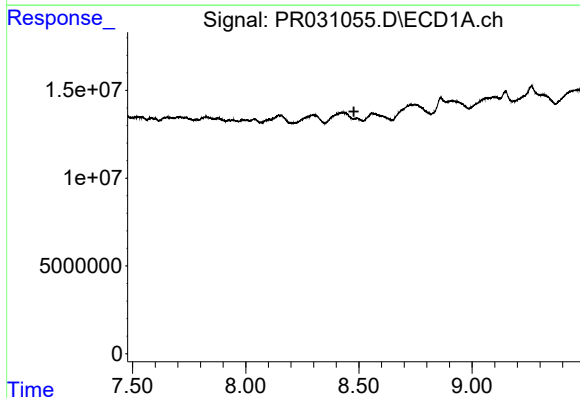
R.T.: 7.825 min
Delta R.T.: -0.024 min
Response: 10463909
Conc: 4.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



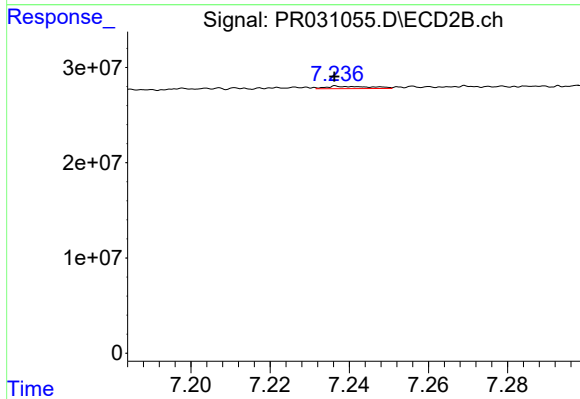
#33 AR-1260-3

R.T.: 6.751 min
Delta R.T.: 0.012 min
Response: 3598520
Conc: 1.27 ng/ml



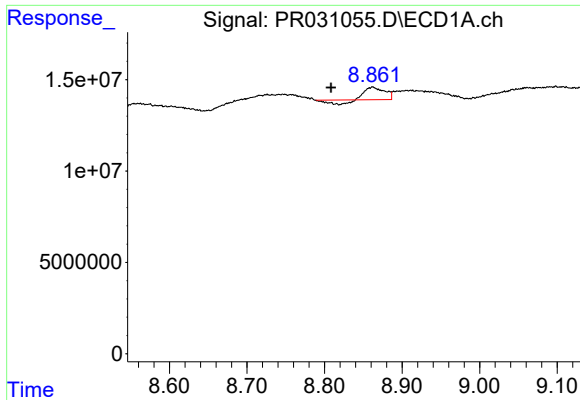
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.478 min
Response: 0
Conc: N.D.



#34 AR-1260-4

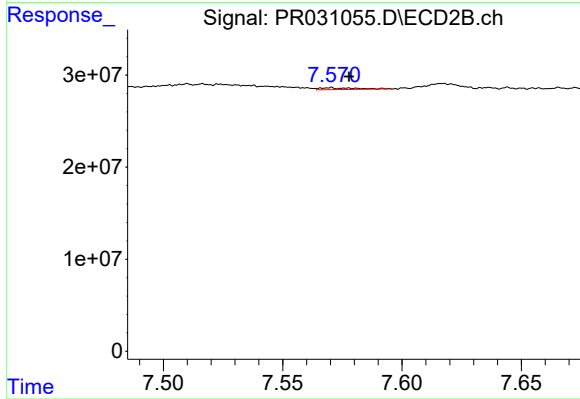
R.T.: 7.238 min
Delta R.T.: 0.002 min
Response: 1953690
Conc: 0.53 ng/ml



#35 AR-1260-5

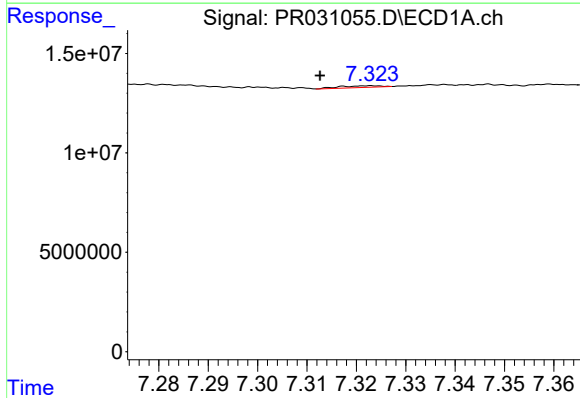
R.T.: 8.862 min
Delta R.T.: 0.054 min
Response: 8893251
Conc: 3.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



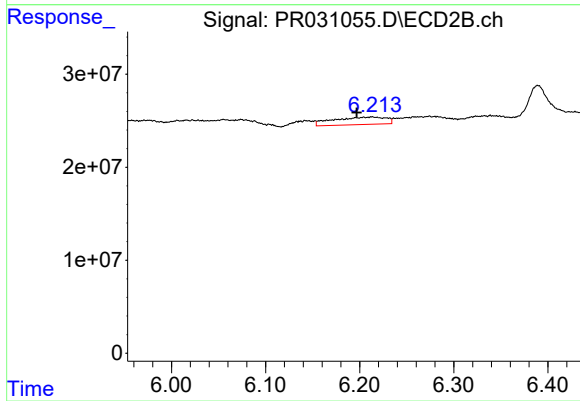
#35 AR-1260-5

R.T.: 7.570 min
Delta R.T.: -0.008 min
Response: 1919412
Conc: 0.90 ng/ml



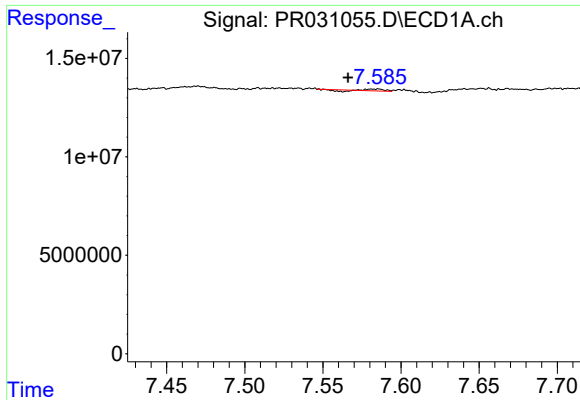
#36 AR-1262-1

R.T.: 7.323 min
Delta R.T.: 0.010 min
Response: 454503
Conc: 0.37 ng/ml



#36 AR-1262-1

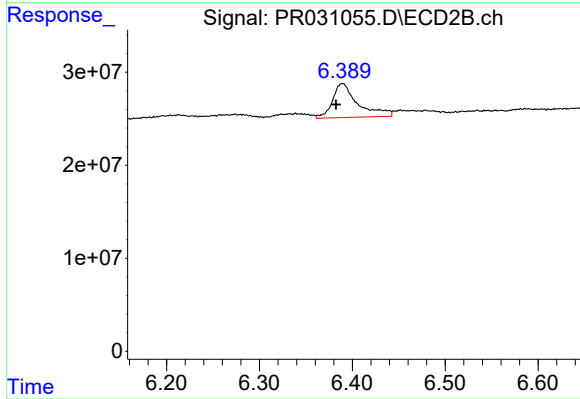
R.T.: 6.213 min
Delta R.T.: 0.016 min
Response: 31172984
Conc: 10.92 ng/ml



#37 AR-1262-2

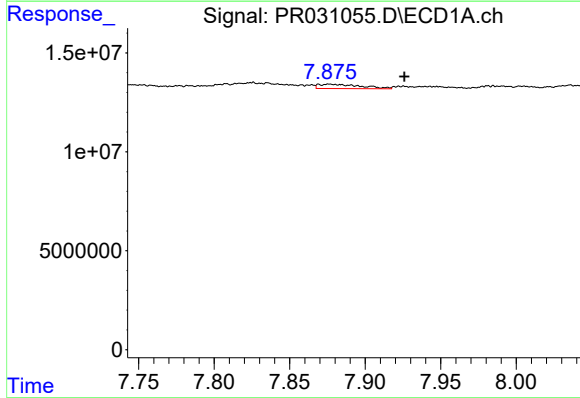
R.T.: 7.585 min
Delta R.T.: 0.019 min
Response: 446312
Conc: 0.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



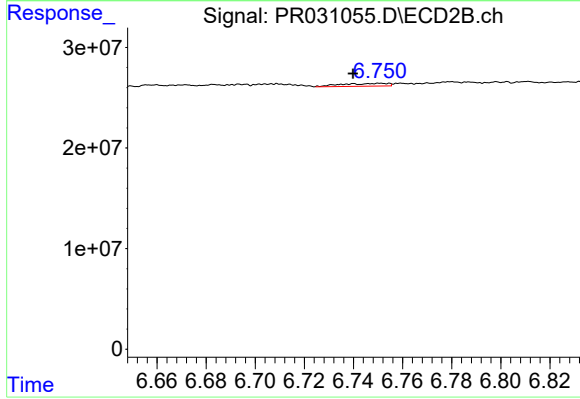
#37 AR-1262-2

R.T.: 6.389 min
Delta R.T.: 0.007 min
Response: 69209584
Conc: 19.98 ng/ml



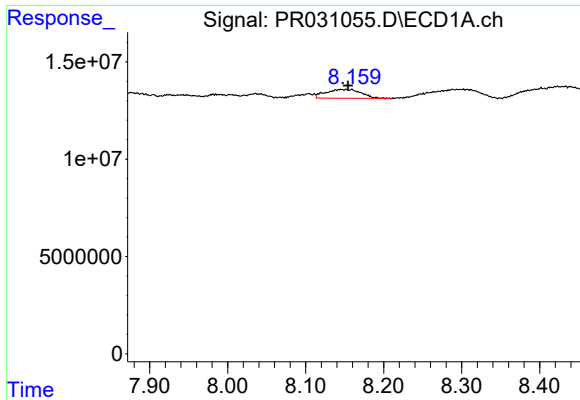
#38 AR-1262-3

R.T.: 7.876 min
Delta R.T.: -0.050 min
Response: 4245223
Conc: 1.61 ng/ml



#38 AR-1262-3

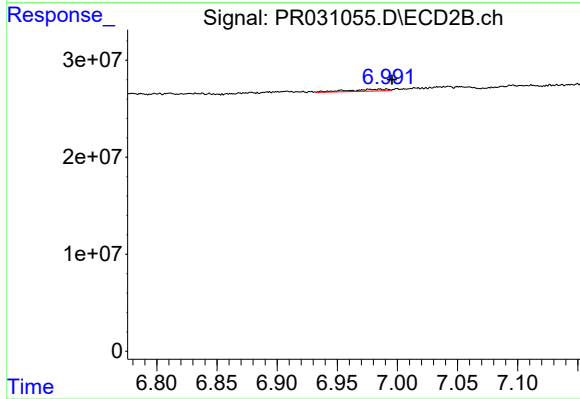
R.T.: 6.751 min
Delta R.T.: 0.012 min
Response: 3598520
Conc: 0.86 ng/ml



#39 AR-1262-4

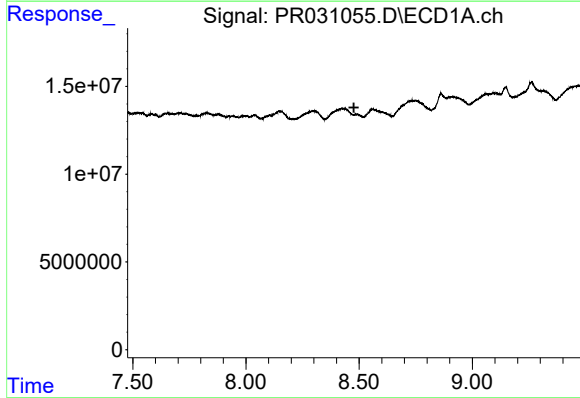
R.T.: 8.159 min
Delta R.T.: 0.005 min
Response: 14141985
Conc: 6.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



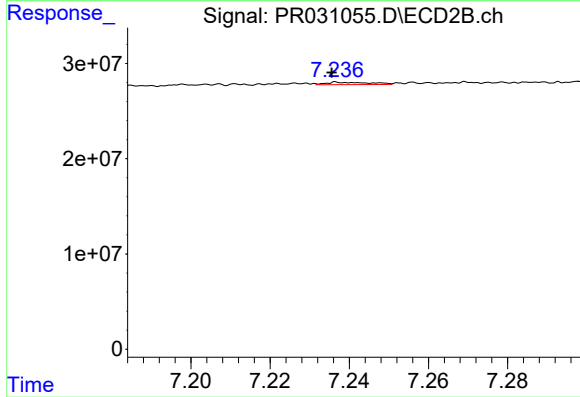
#39 AR-1262-4

R.T.: 6.985 min
Delta R.T.: -0.010 min
Response: 4683227
Conc: 1.72 ng/ml



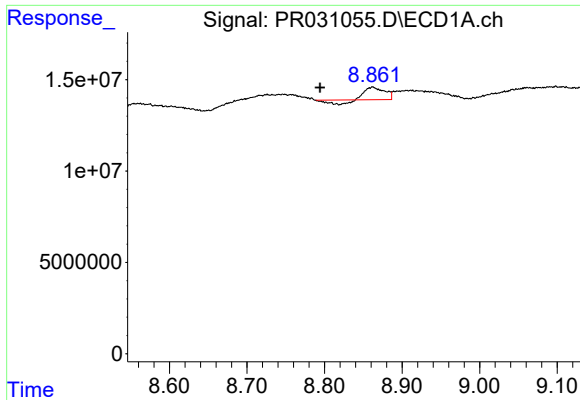
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.477 min
Response: 0
Conc: N.D.



#40 AR-1262-5

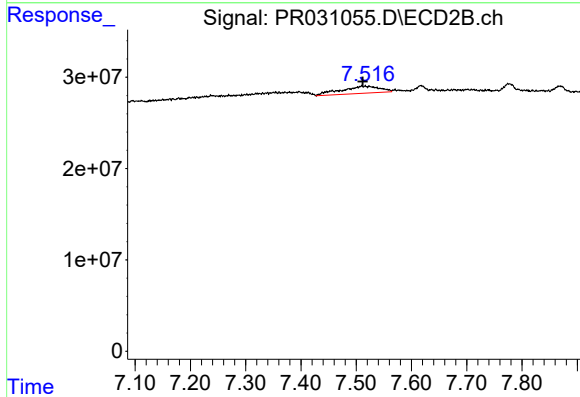
R.T.: 7.238 min
Delta R.T.: 0.002 min
Response: 1953690
Conc: 0.43 ng/ml



#41 AR-1268-1

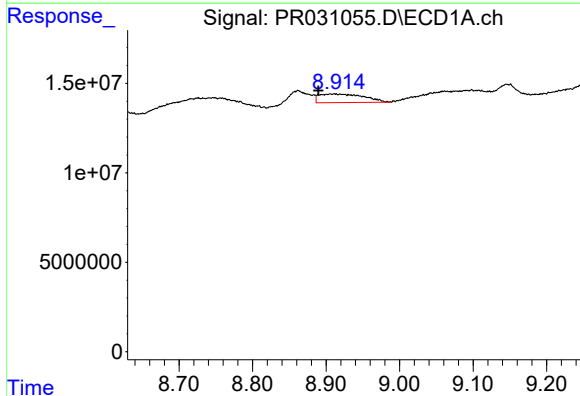
R.T.: 8.862 min
Delta R.T.: 0.068 min
Response: 8893251
Conc: 1.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



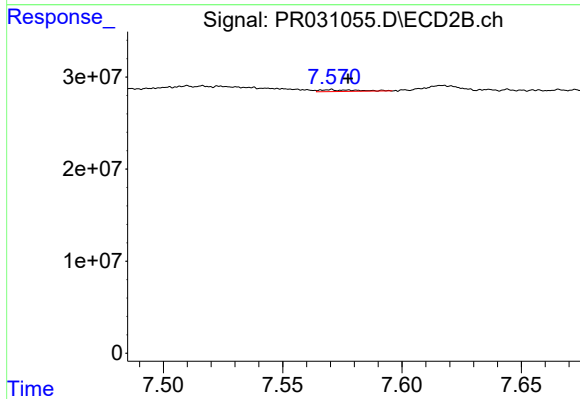
#41 AR-1268-1

R.T.: 7.510 min
Delta R.T.: -0.002 min
Response: 38205032
Conc: 9.73 ng/ml



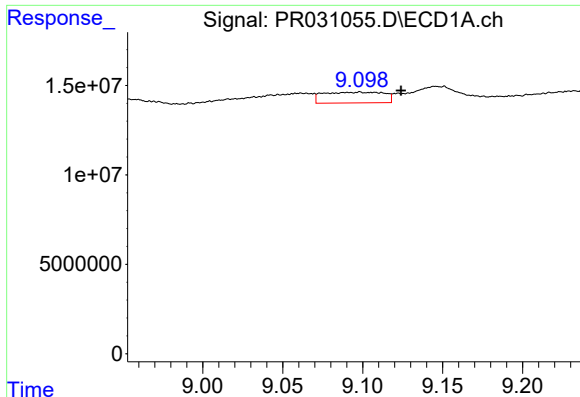
#42 AR-1268-2

R.T.: 8.906 min
Delta R.T.: 0.016 min
Response: 20311339
Conc: 4.23 ng/ml



#42 AR-1268-2

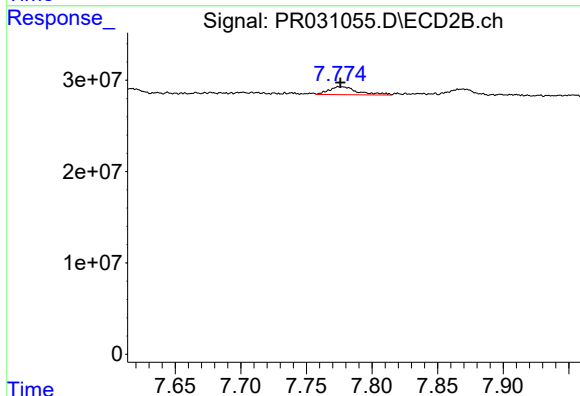
R.T.: 7.570 min
Delta R.T.: -0.007 min
Response: 1919412
Conc: 0.58 ng/ml



#43 AR-1268-3

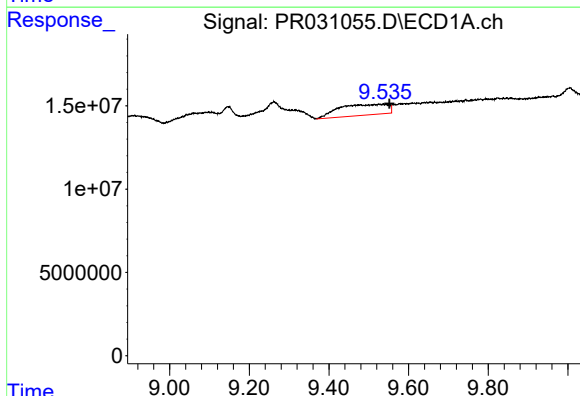
R.T.: 9.098 min
Delta R.T.: -0.026 min
Response: 15861617
Conc: 3.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



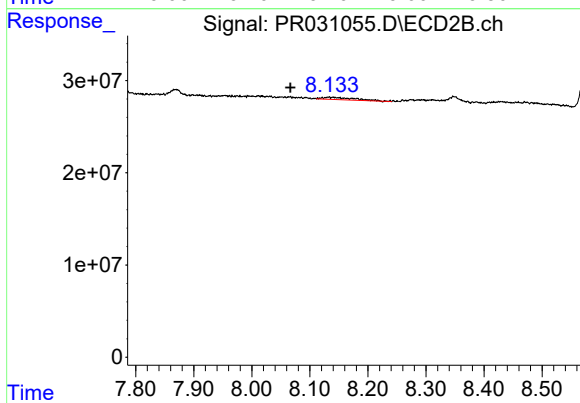
#43 AR-1268-3

R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 13163716
Conc: 4.91 ng/ml



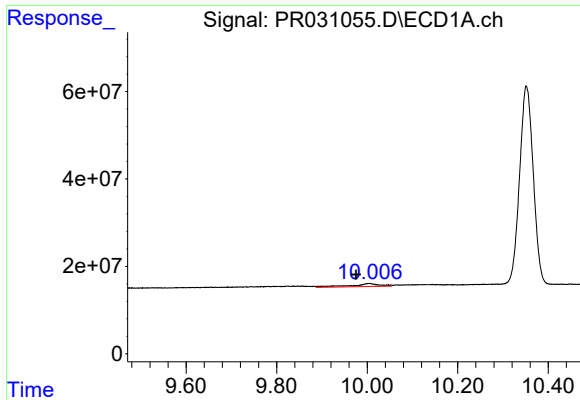
#44 AR-1268-4

R.T.: 9.526 min
Delta R.T.: -0.026 min
Response: 56279863
Conc: 29.19 ng/ml



#44 AR-1268-4

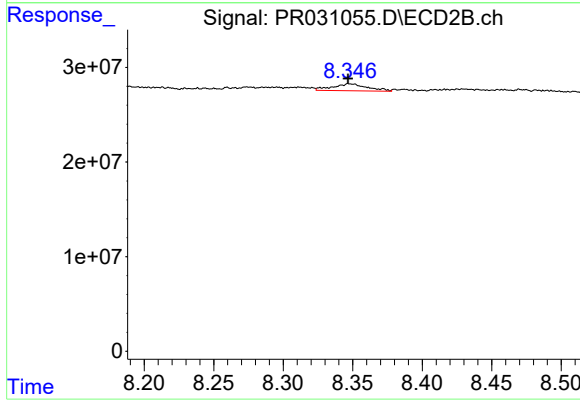
R.T.: 8.133 min
Delta R.T.: 0.067 min
Response: 9407728
Conc: 8.12 ng/ml



#45 AR-1268-5

R.T.: 10.005 min
Delta R.T.: 0.029 min
Response: 31807992
Conc: 2.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: 0.002 min
Response: 13010768
Conc: 1.86 ng/ml