

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121923\
 Data File : PR064783.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 12:41
 Operator : AJ\MA
 Sample : 05849-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 01:25:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 15 04:19:57 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...	3.701	3.007	119.6E6	110.2E6	19.799	20.410
2)	SA Decachlor...	9.724	8.387	66736814	70514603	30.286	26.931
Target Compounds							
3)	L1 AR-1016-1	5.002f	4.155	26638334	258877	147.148	1.395 #
4)	L1 AR-1016-2	5.002f	4.172	26638334	430016	100.410	1.694 #
5)	L1 AR-1016-3	5.002	4.403f	26638334	656000	158.010	4.754 #
6)	L1 AR-1016-4	5.132	4.403	9108050	656000	66.890	6.163 #
7)	L1 AR-1016-5	5.392f	4.613	-124070	471832	N.D.	3.368 #
8)	L2 AR-1221-1	3.911	3.229	574541	324856	8.387	5.367 #
9)	L2 AR-1221-2	4.017	3.318	1982483	1348935	42.560	31.964
10)	L2 AR-1221-3	0.000	3.422	0	128386	N.D.	0.896 #
11)	L3 AR-1232-1	0.000	3.422	0	128386	N.D.	1.166 #
12)	L3 AR-1232-2	4.649	4.172	4208739	430016	63.129	4.018 #
13)	L3 AR-1232-3	5.002f	4.403f	26638334	656000	232.475	11.581 #
14)	L3 AR-1232-4	5.132	4.445	9108050	220714	155.696	4.449 #
15)	L3 AR-1232-5	5.237	4.613	4764632	471832	112.072	8.718 #
16)	L4 AR-1242-1	5.002f	4.155	26638334	258877	184.120	1.765 #
17)	L4 AR-1242-2	5.002f	4.172	26638334	430016	127.602	2.159 #
18)	L4 AR-1242-3	5.002	4.403f	26638334	656000	196.928	6.065 #
19)	L4 AR-1242-4	5.132	4.445	9108050	220714	84.391	2.123 #
20)	L4 AR-1242-5	5.931	5.010	5912123	1533977	51.653	11.407 #
21)	L5 AR-1248-1	5.002f	4.155	26638334	258877	243.366	2.331 #
22)	L5 AR-1248-2	5.237	4.403	4764632	656000	30.508	4.366 #
23)	L5 AR-1248-3	5.392f	4.445	-124070	220714	N.D.	1.405 #
24)	L5 AR-1248-4	5.889	4.613	4205997	471832	21.504	2.486 #
25)	L5 AR-1248-5	5.931	5.053	5912123	1205657	30.241	6.243 #
26)	L6 AR-1254-1	5.889	5.010	4205997	1533977	20.914	5.336 #
27)	L6 AR-1254-2	6.099	5.173	7401444	961246	24.335	3.860 #
28)	L6 AR-1254-3	6.486	5.602	3862866	1480493	12.410	3.721 #
29)	L6 AR-1254-4	6.812	5.853	778074	1324611	3.538	5.305 #
30)	L6 AR-1254-5	7.296	6.308	6233581	8511246	26.247	23.884
31)	L7 AR-1260-1	6.676	5.751	827144	715535	3.310	2.476 #
32)	L7 AR-1260-2	6.953	5.955	4501477	1171774	15.748	3.373 #
33)	L7 AR-1260-3	7.360	6.118	2113448	1050074	9.968	3.190 #
34)	L7 AR-1260-4	7.605	6.629	1419117	633835	6.174	2.350 #
35)	L7 AR-1260-5	7.946	6.906	8471780	3936284	19.744	6.299 #
36)	L8 AR-1262-1	7.360	6.355	2113448	1792109	7.350	4.909 #
37)	L8 AR-1262-2	7.946	6.906	8471780	3936284	18.184	5.966 #
38)	L8 AR-1262-3	8.272	7.215	1654212	892598	5.247	3.560 #
39)	L8 AR-1262-4	8.339	7.279	395534	1775879	1.659	3.721 #
40)	L8 AR-1262-5	8.986	7.829	446265	643588	2.746	3.031
41)	L9 AR-1268-1	8.272	7.215	1654212	892598	2.903	1.142 #

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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 15 04:19:57 2023
Response via : Initial Calibration
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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	8.339	7.279	395534	1775879	0.781	2.475 #
43)	L9 AR-1268-3	8.584	7.523	940083	1285577	2.124	2.147
44)	L9 AR-1268-4	8.986	7.829	446265	643588	2.401	2.576
45)	L9 AR-1268-5	9.414	8.127	2368123	1077835	1.769	0.599 #

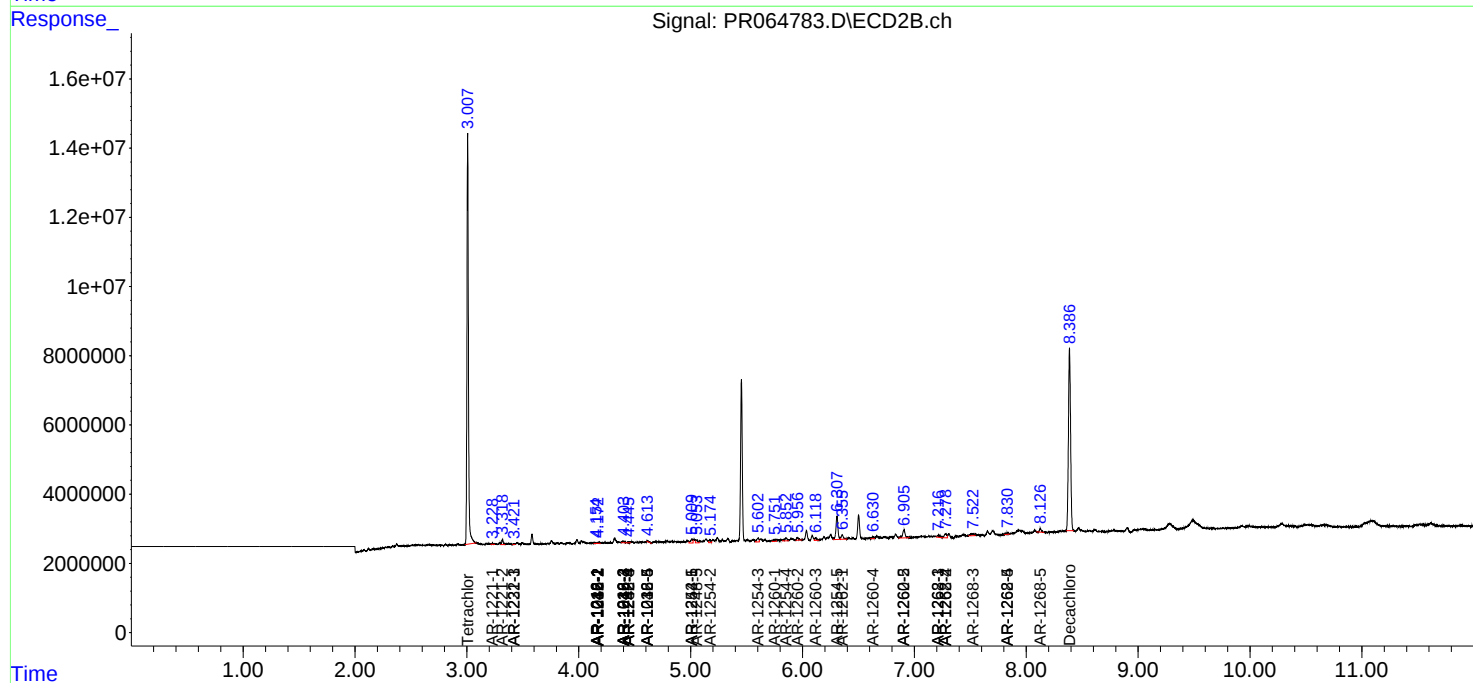
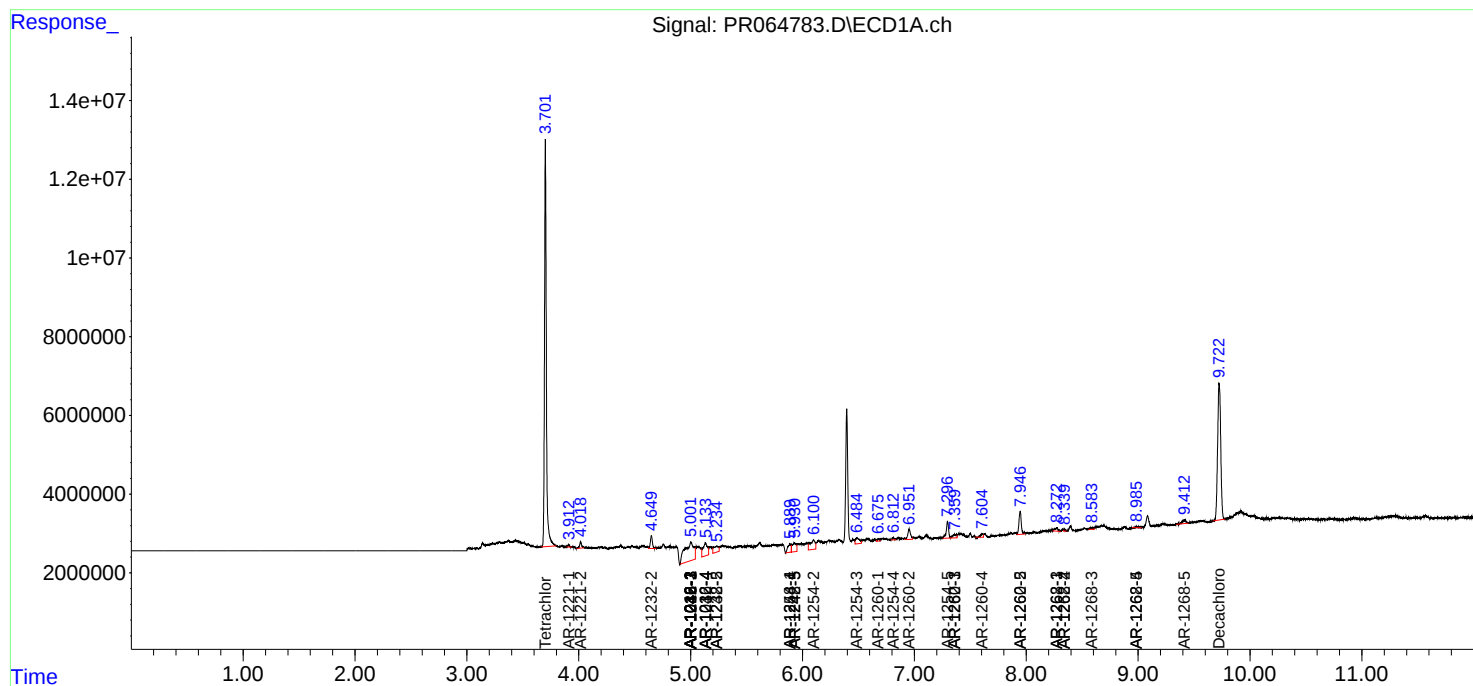
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

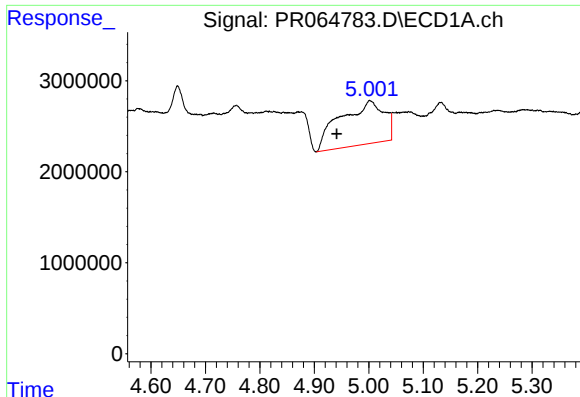
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121923\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

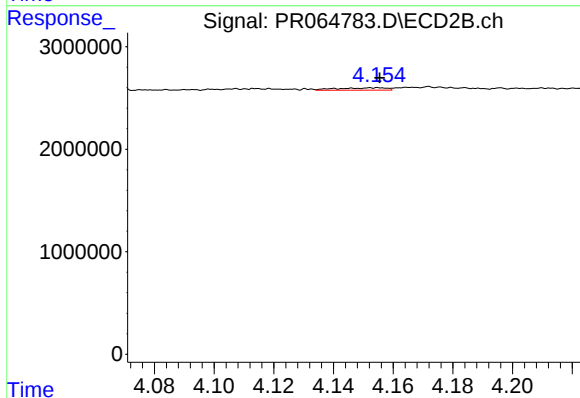




#3 AR-1016-1

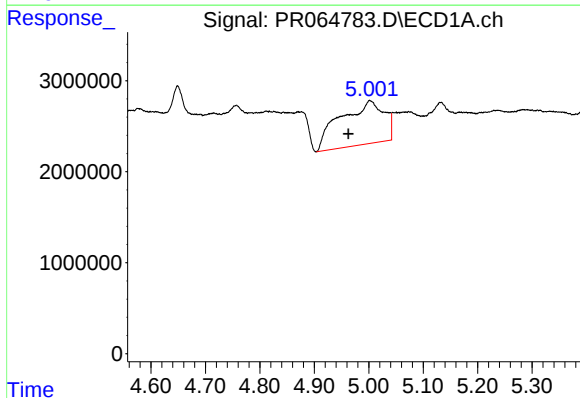
R.T.: 5.002 min
Delta R.T.: 0.061 min
Response: 26638334
Conc: 147.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



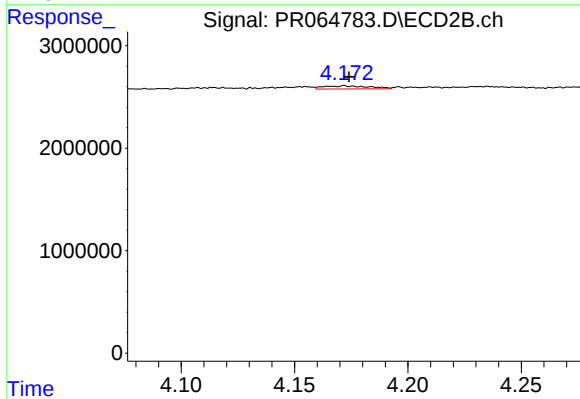
#3 AR-1016-1

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 258877
Conc: 1.40 ng/ml



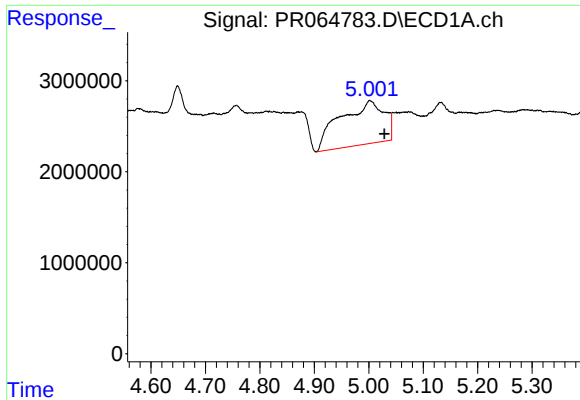
#4 AR-1016-2

R.T.: 5.002 min
Delta R.T.: 0.039 min
Response: 26638334
Conc: 100.41 ng/ml



#4 AR-1016-2

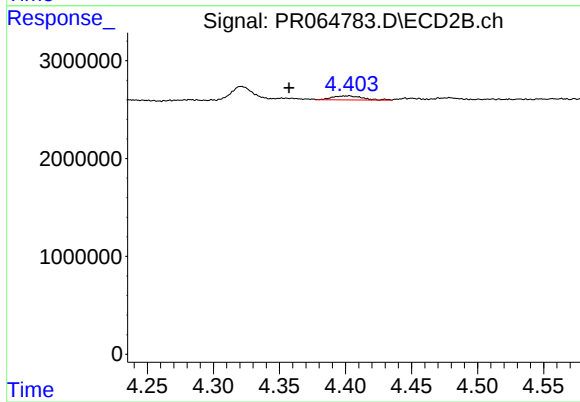
R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 430016
Conc: 1.69 ng/ml



#5 AR-1016-3

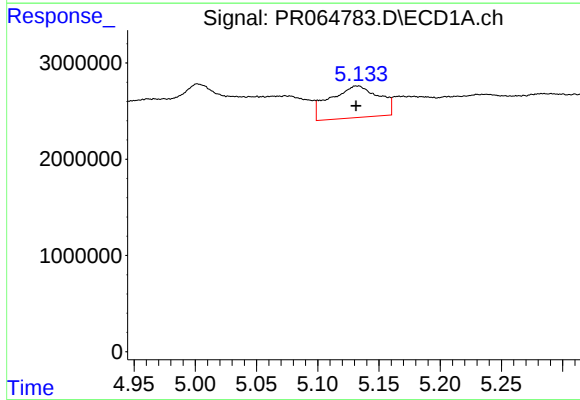
R.T.: 5.002 min
Delta R.T.: -0.027 min
Response: 26638334
Conc: 158.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



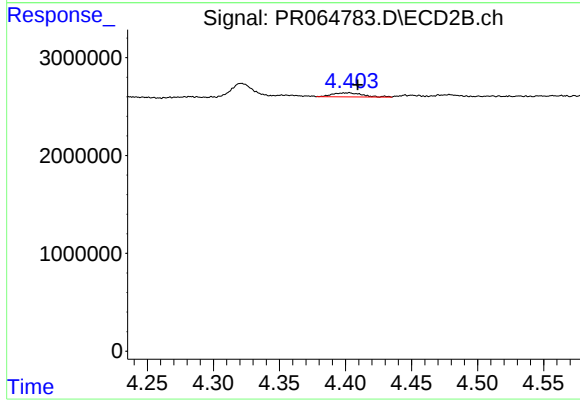
#5 AR-1016-3

R.T.: 4.403 min
Delta R.T.: 0.045 min
Response: 656000
Conc: 4.75 ng/ml



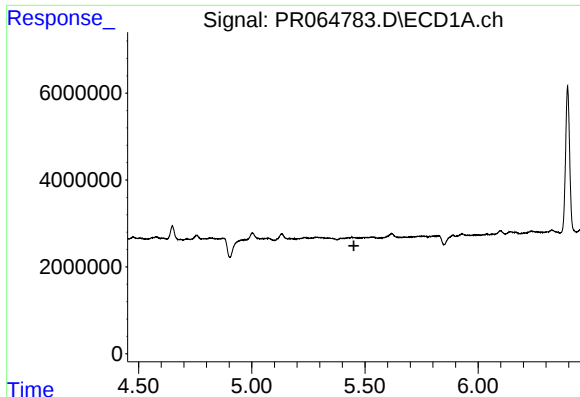
#6 AR-1016-4

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 9108050
Conc: 66.89 ng/ml



#6 AR-1016-4

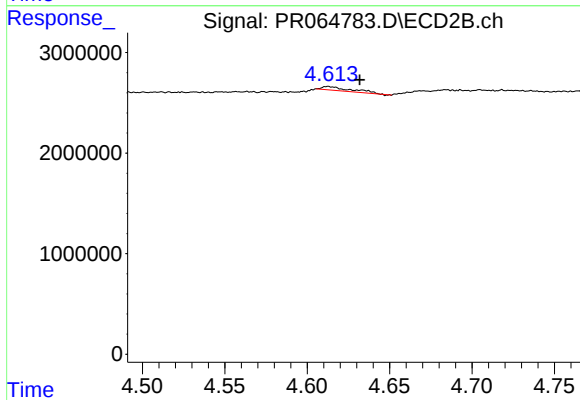
R.T.: 4.403 min
Delta R.T.: -0.007 min
Response: 656000
Conc: 6.16 ng/ml



#7 AR-1016-5

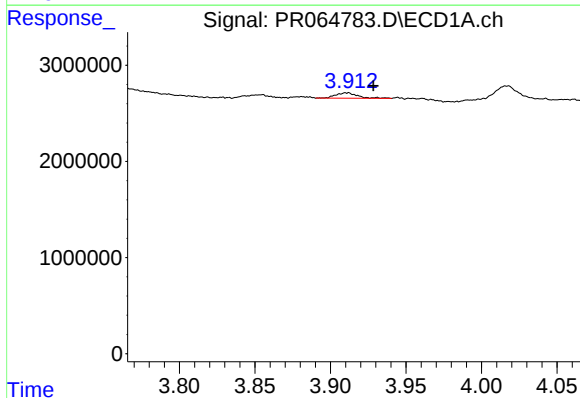
R.T.: 5.392 min
Delta R.T.: -0.060 min
Response: -124070
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



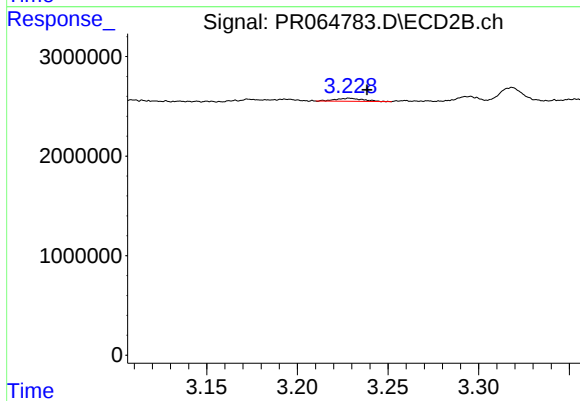
#7 AR-1016-5

R.T.: 4.613 min
Delta R.T.: -0.019 min
Response: 471832
Conc: 3.37 ng/ml



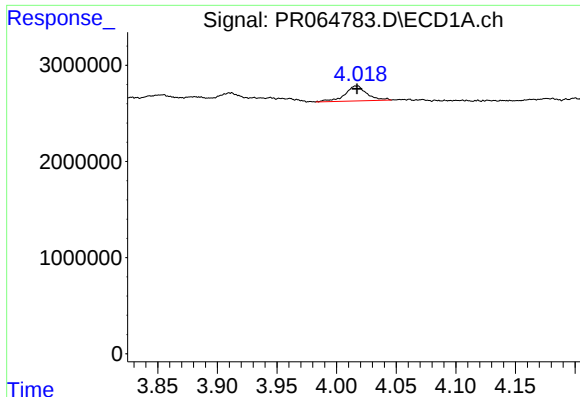
#8 AR-1221-1

R.T.: 3.911 min
Delta R.T.: -0.017 min
Response: 574541
Conc: 8.39 ng/ml



#8 AR-1221-1

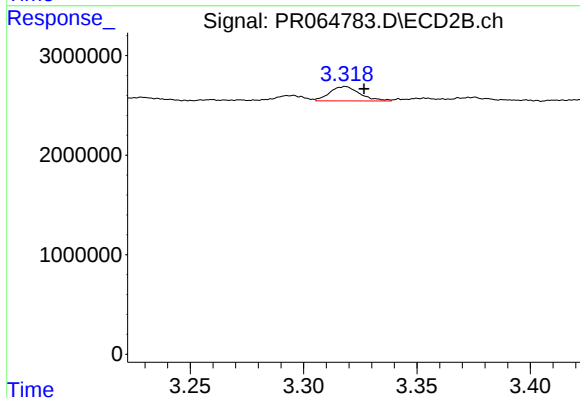
R.T.: 3.229 min
Delta R.T.: -0.010 min
Response: 324856
Conc: 5.37 ng/ml



#9 AR-1221-2

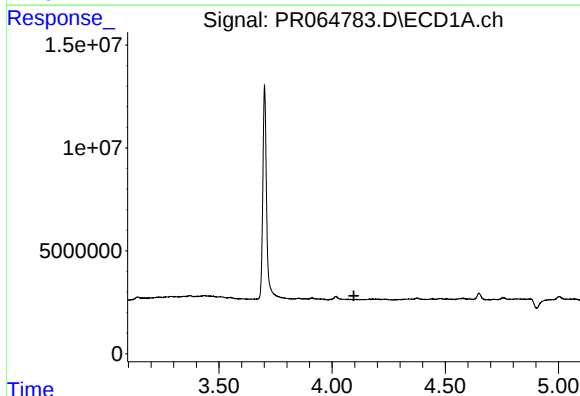
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 1982483
Conc: 42.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



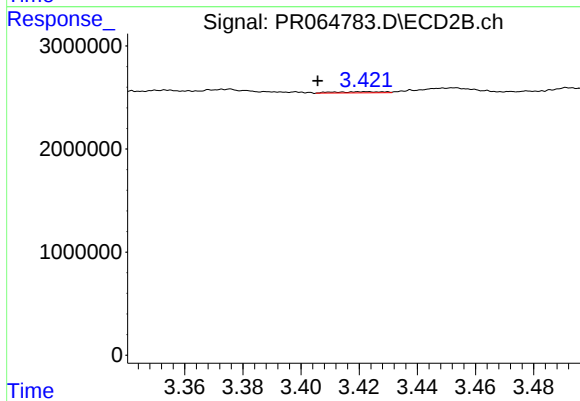
#9 AR-1221-2

R.T.: 3.318 min
Delta R.T.: -0.008 min
Response: 1348935
Conc: 31.96 ng/ml



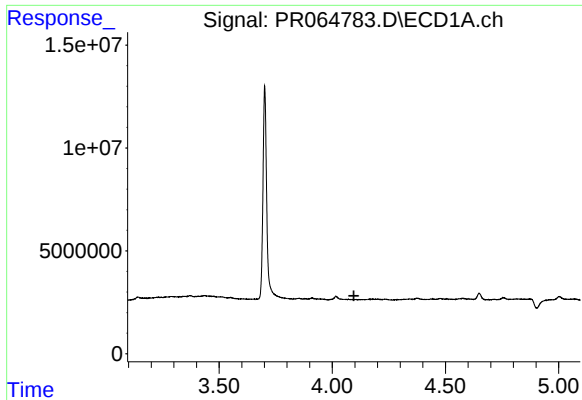
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.096 min
Response: 0
Conc: N.D.



#10 AR-1221-3

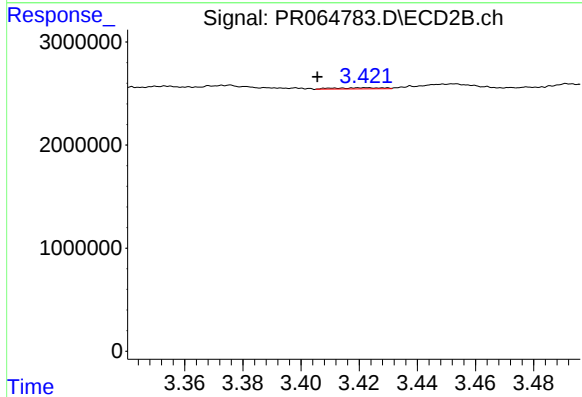
R.T.: 3.422 min
Delta R.T.: 0.016 min
Response: 128386
Conc: 0.90 ng/ml



#11 AR-1232-1

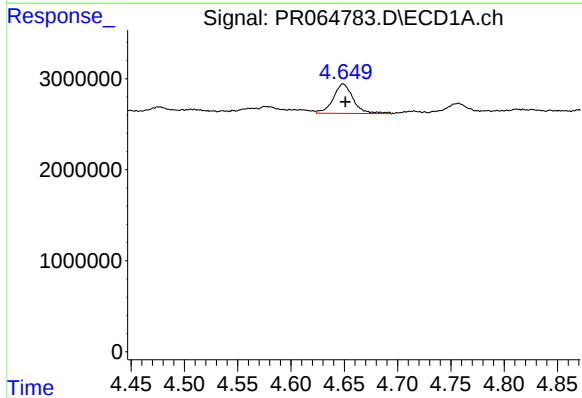
R.T.: 0.000 min
Exp R.T.: 4.095 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



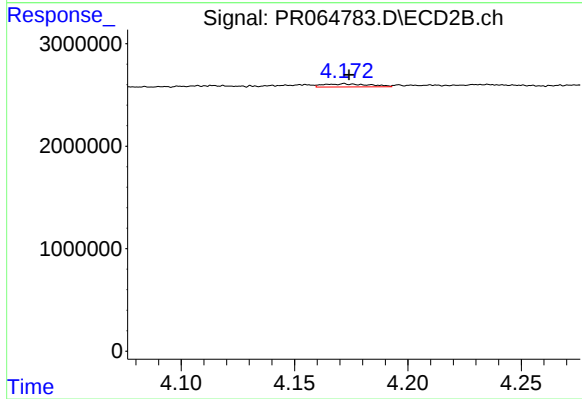
#11 AR-1232-1

R.T.: 3.422 min
Delta R.T.: 0.016 min
Response: 128386
Conc: 1.17 ng/ml



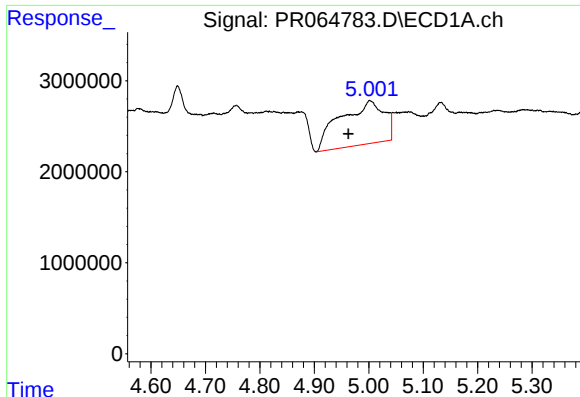
#12 AR-1232-2

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 4208739
Conc: 63.13 ng/ml



#12 AR-1232-2

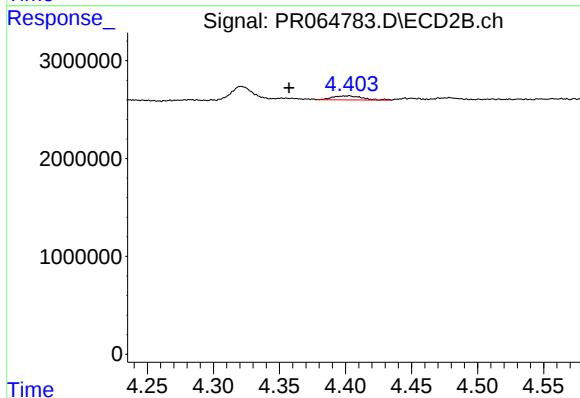
R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 430016
Conc: 4.02 ng/ml



#13 AR-1232-3

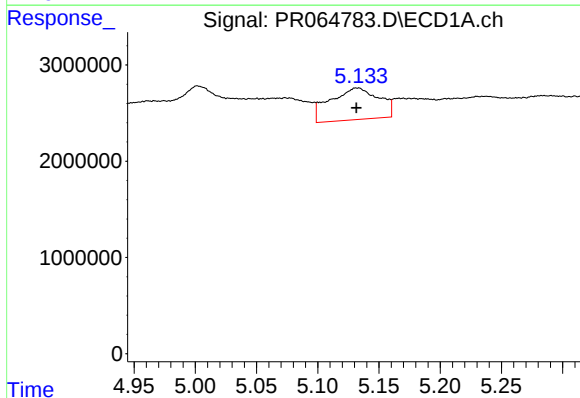
R.T.: 5.002 min
Delta R.T.: 0.040 min
Response: 26638334
Conc: 232.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



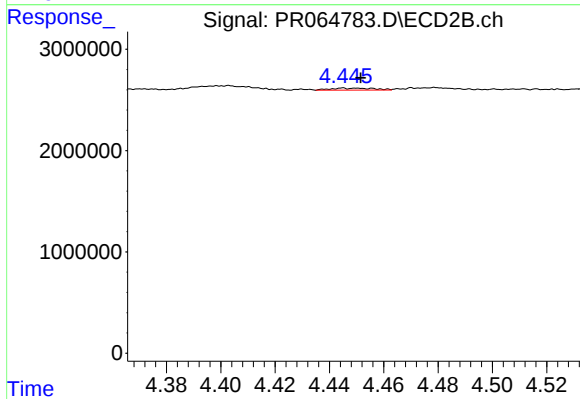
#13 AR-1232-3

R.T.: 4.403 min
Delta R.T.: 0.045 min
Response: 656000
Conc: 11.58 ng/ml



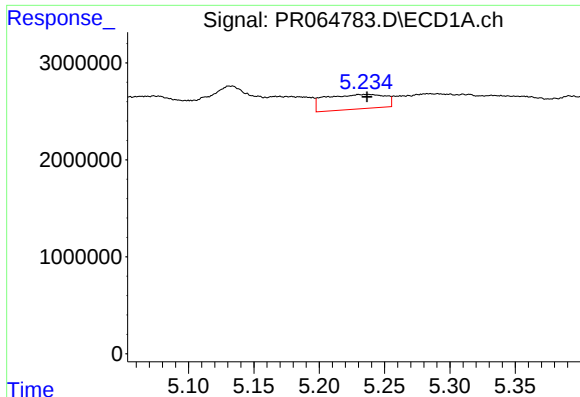
#14 AR-1232-4

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 9108050
Conc: 155.70 ng/ml



#14 AR-1232-4

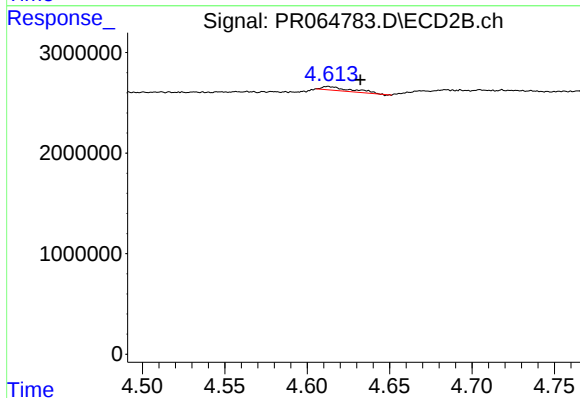
R.T.: 4.445 min
Delta R.T.: -0.006 min
Response: 220714
Conc: 4.45 ng/ml



#15 AR-1232-5

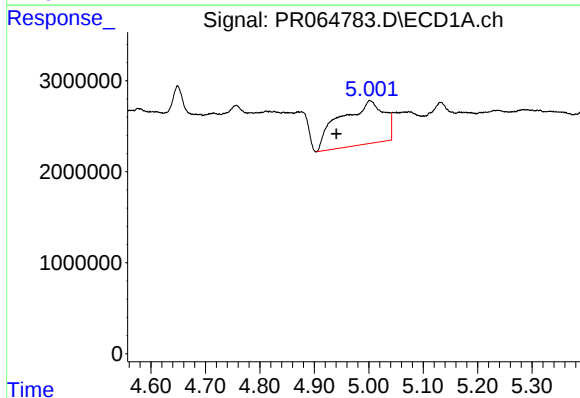
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 4764632
Conc: 112.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



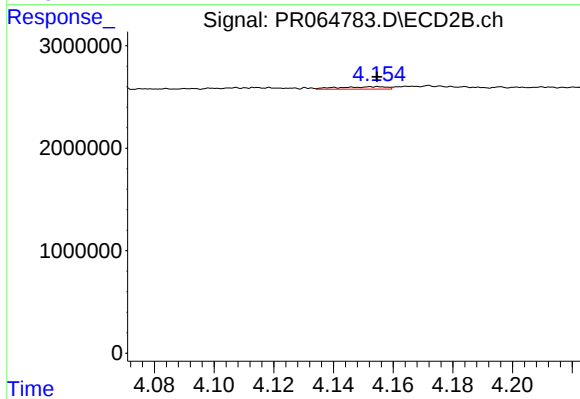
#15 AR-1232-5

R.T.: 4.613 min
Delta R.T.: -0.019 min
Response: 471832
Conc: 8.72 ng/ml



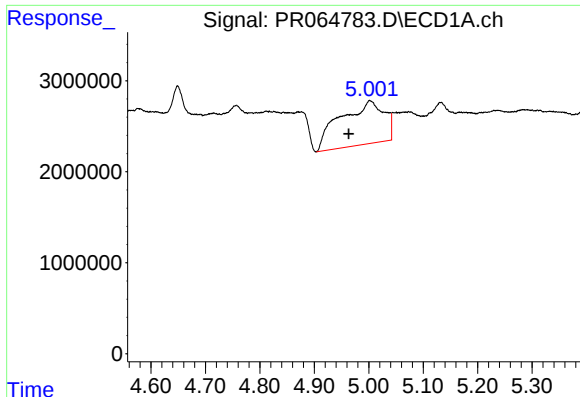
#16 AR-1242-1

R.T.: 5.002 min
Delta R.T.: 0.062 min
Response: 26638334
Conc: 184.12 ng/ml



#16 AR-1242-1

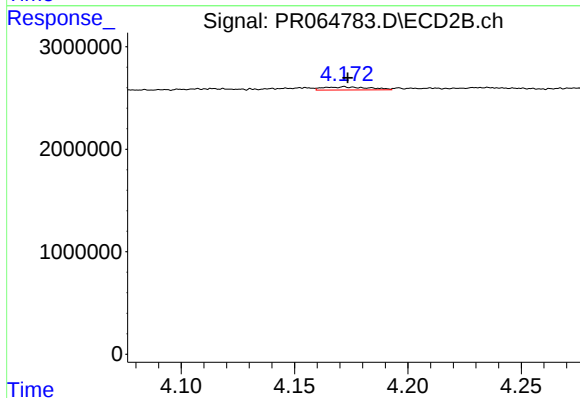
R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 258877
Conc: 1.77 ng/ml



#17 AR-1242-2

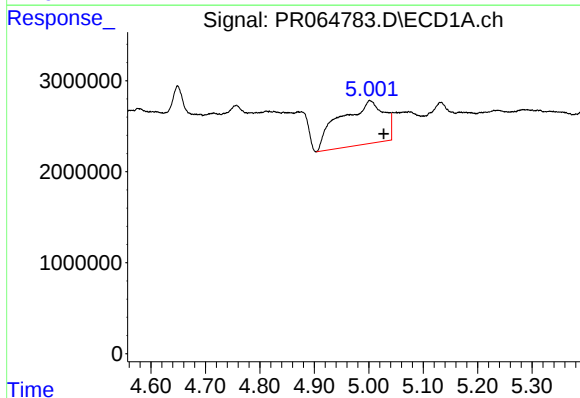
R.T.: 5.002 min
Delta R.T.: 0.039 min
Response: 26638334
Conc: 127.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



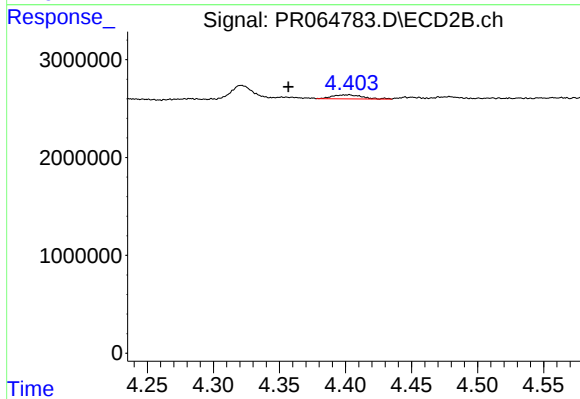
#17 AR-1242-2

R.T.: 4.172 min
Delta R.T.: -0.001 min
Response: 430016
Conc: 2.16 ng/ml



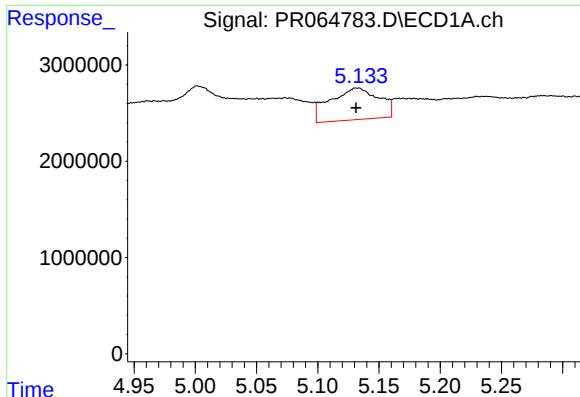
#18 AR-1242-3

R.T.: 5.002 min
Delta R.T.: -0.026 min
Response: 26638334
Conc: 196.93 ng/ml



#18 AR-1242-3

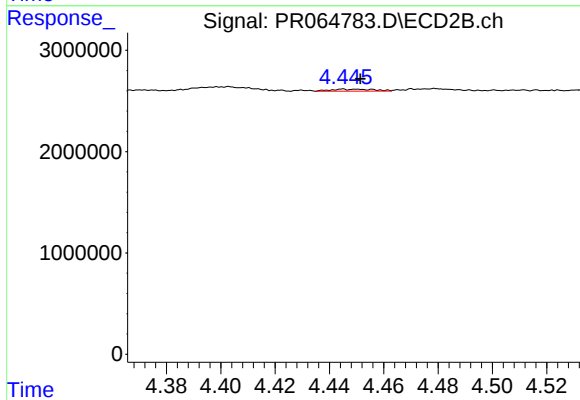
R.T.: 4.403 min
Delta R.T.: 0.046 min
Response: 656000
Conc: 6.06 ng/ml



#19 AR-1242-4

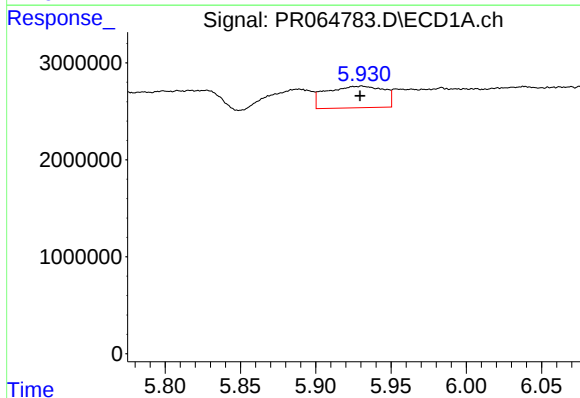
R.T.: 5.132 min
Delta R.T.: 0.001 min
Response: 9108050
Conc: 84.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



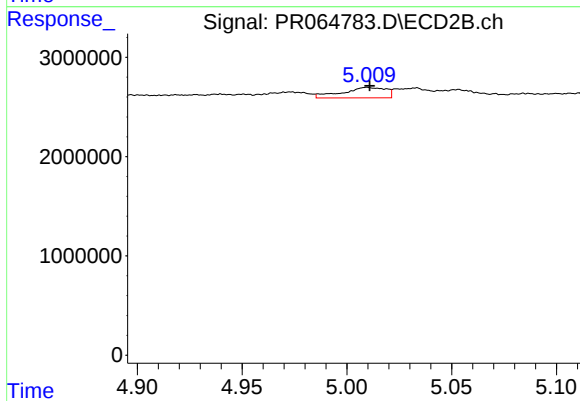
#19 AR-1242-4

R.T.: 4.445 min
Delta R.T.: -0.006 min
Response: 220714
Conc: 2.12 ng/ml



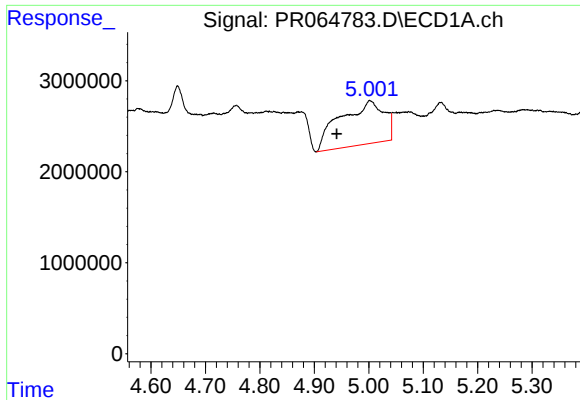
#20 AR-1242-5

R.T.: 5.931 min
Delta R.T.: 0.001 min
Response: 5912123
Conc: 51.65 ng/ml



#20 AR-1242-5

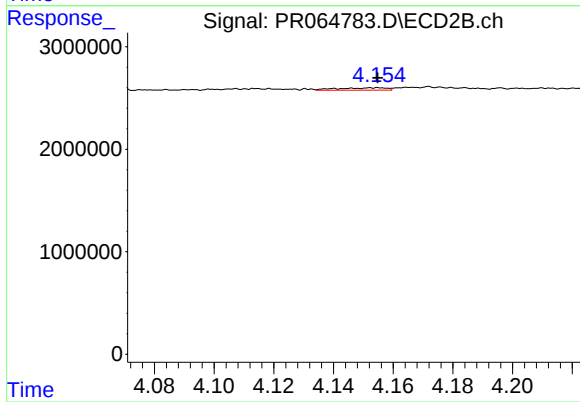
R.T.: 5.010 min
Delta R.T.: -0.001 min
Response: 1533977
Conc: 11.41 ng/ml



#21 AR-1248-1

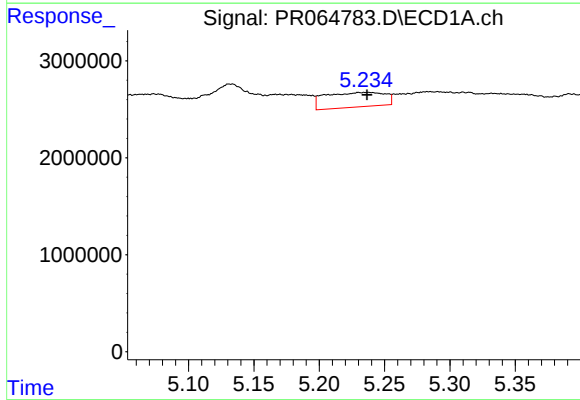
R.T.: 5.002 min
Delta R.T.: 0.061 min
Response: 26638334
Conc: 243.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



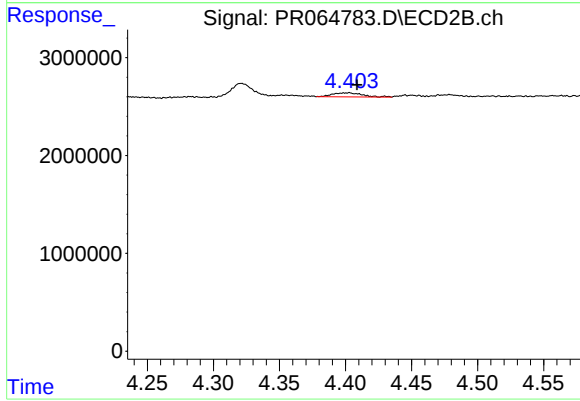
#21 AR-1248-1

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 258877
Conc: 2.33 ng/ml



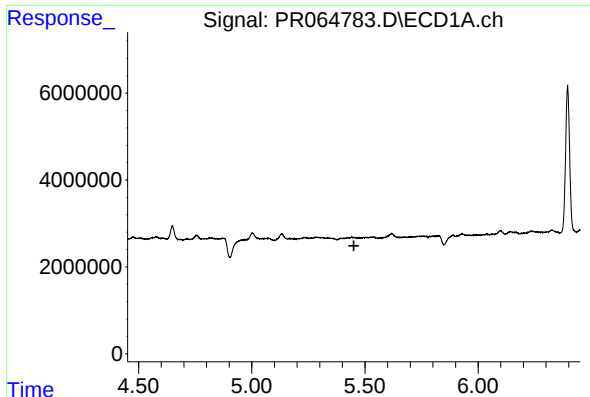
#22 AR-1248-2

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 4764632
Conc: 30.51 ng/ml



#22 AR-1248-2

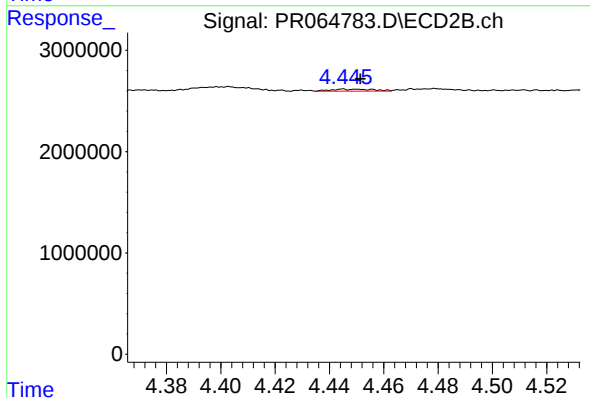
R.T.: 4.403 min
Delta R.T.: -0.006 min
Response: 656000
Conc: 4.37 ng/ml



#23 AR-1248-3

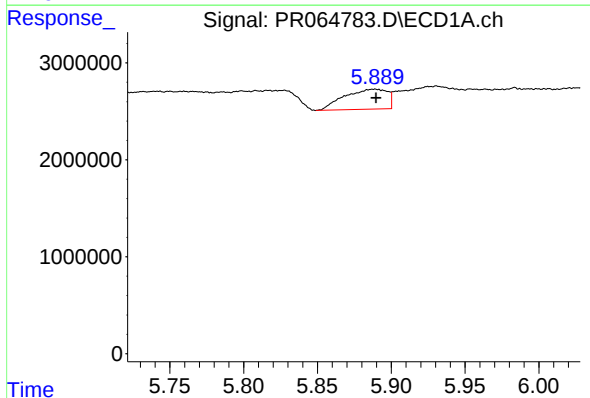
R.T.: 5.392 min
Delta R.T.: -0.060 min
Response: -124070
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



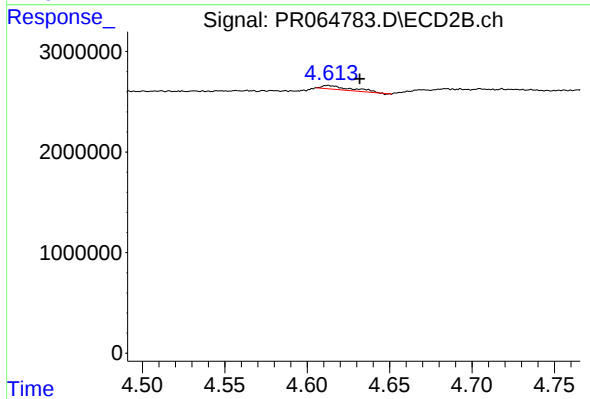
#23 AR-1248-3

R.T.: 4.445 min
Delta R.T.: -0.006 min
Response: 220714
Conc: 1.40 ng/ml



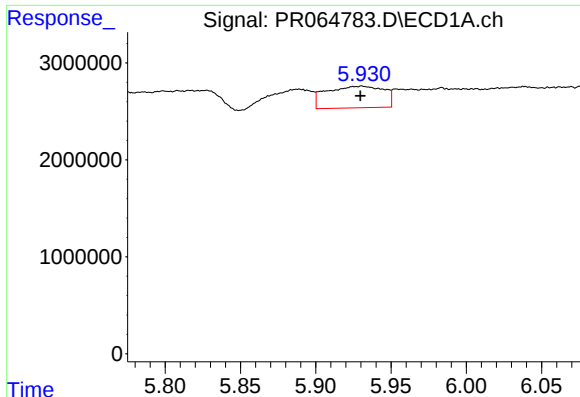
#24 AR-1248-4

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 4205997
Conc: 21.50 ng/ml



#24 AR-1248-4

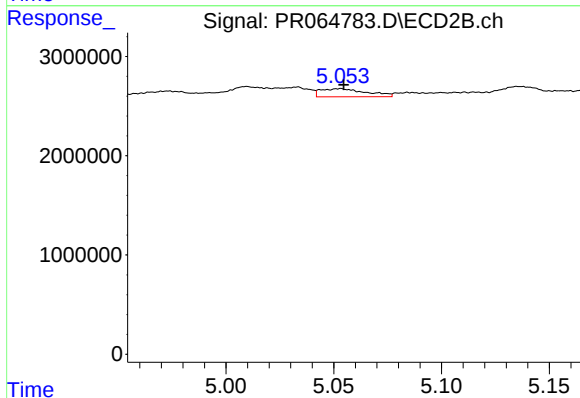
R.T.: 4.613 min
Delta R.T.: -0.019 min
Response: 471832
Conc: 2.49 ng/ml



#25 AR-1248-5

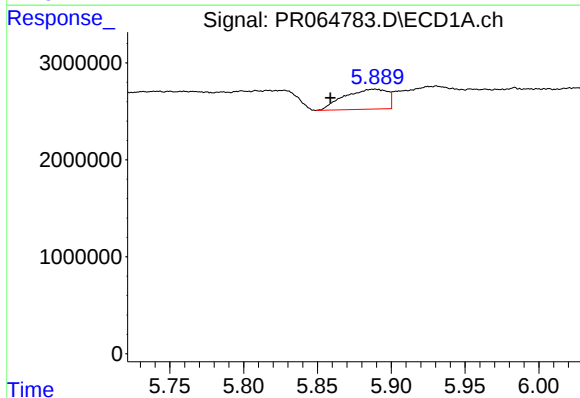
R.T.: 5.931 min
Delta R.T.: 0.001 min
Response: 5912123
Conc: 30.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



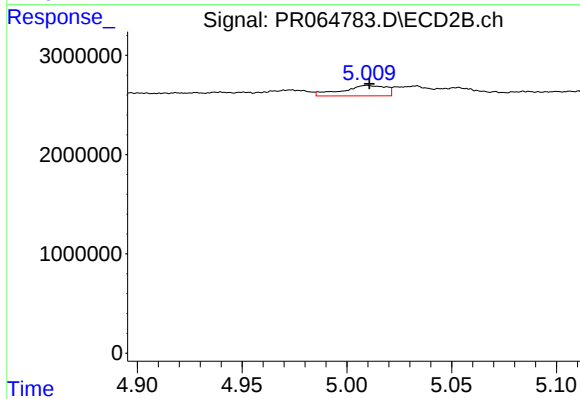
#25 AR-1248-5

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 1205657
Conc: 6.24 ng/ml



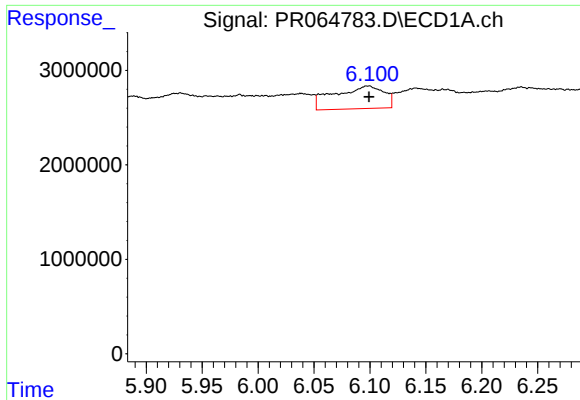
#26 AR-1254-1

R.T.: 5.889 min
Delta R.T.: 0.030 min
Response: 4205997
Conc: 20.91 ng/ml



#26 AR-1254-1

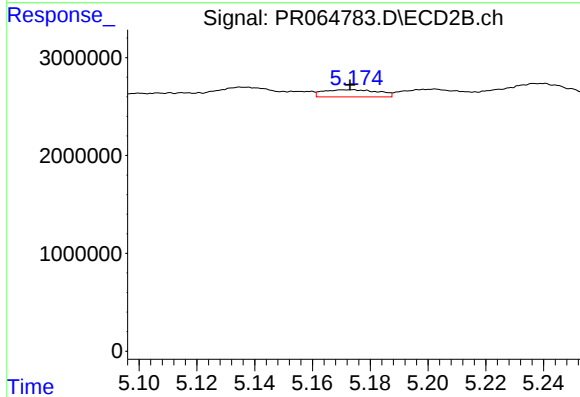
R.T.: 5.010 min
Delta R.T.: -0.001 min
Response: 1533977
Conc: 5.34 ng/ml



#27 AR-1254-2

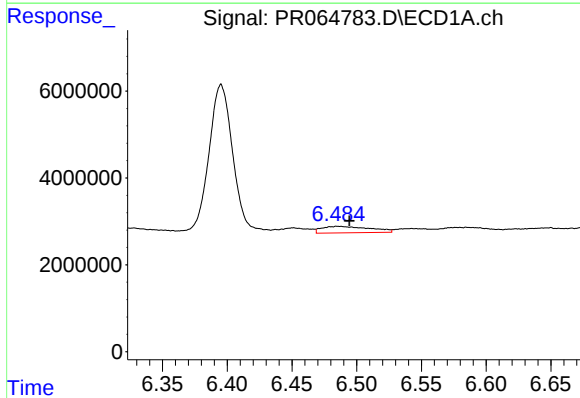
R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 7401444
Conc: 24.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



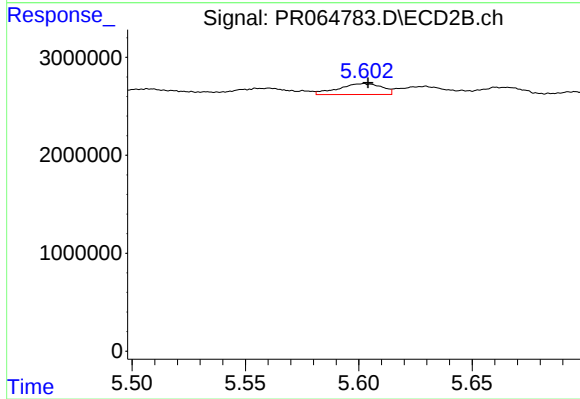
#27 AR-1254-2

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 961246
Conc: 3.86 ng/ml



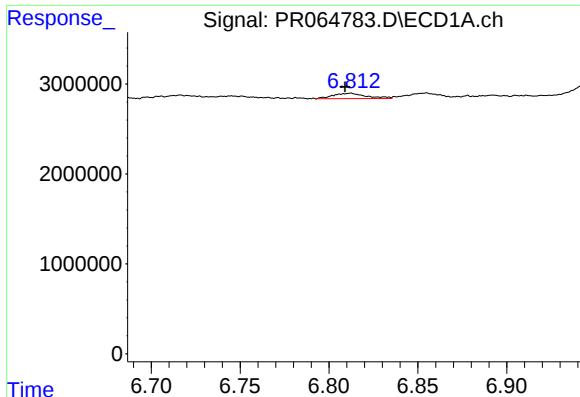
#28 AR-1254-3

R.T.: 6.486 min
Delta R.T.: -0.009 min
Response: 3862866
Conc: 12.41 ng/ml



#28 AR-1254-3

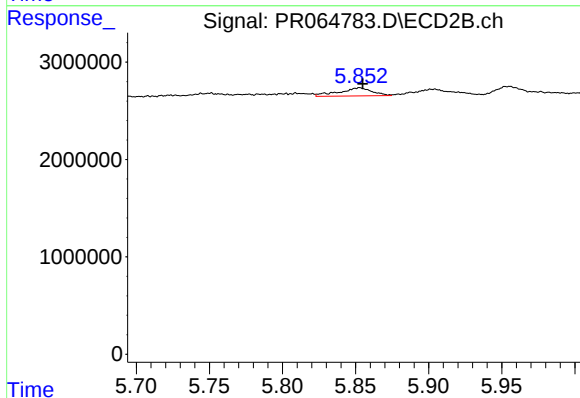
R.T.: 5.602 min
Delta R.T.: -0.002 min
Response: 1480493
Conc: 3.72 ng/ml



#29 AR-1254-4

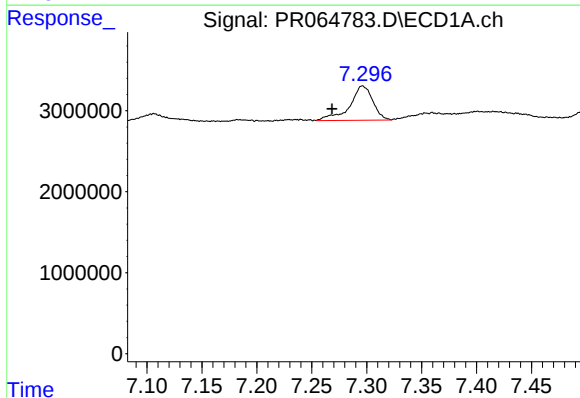
R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 778074
Conc: 3.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



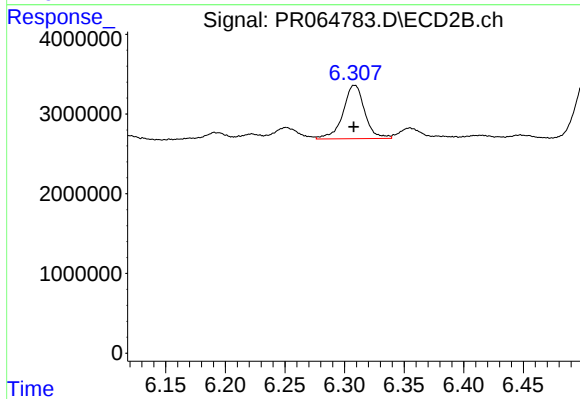
#29 AR-1254-4

R.T.: 5.853 min
Delta R.T.: -0.002 min
Response: 1324611
Conc: 5.30 ng/ml



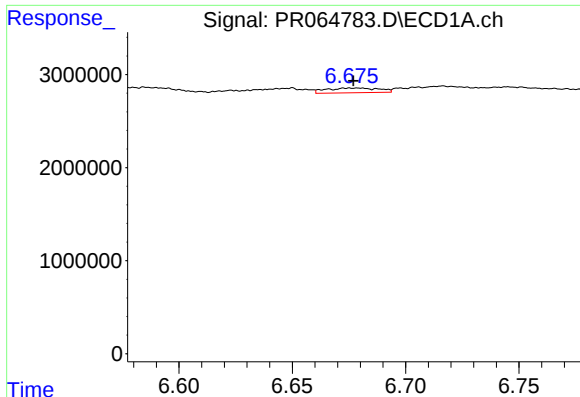
#30 AR-1254-5

R.T.: 7.296 min
Delta R.T.: 0.028 min
Response: 6233581
Conc: 26.25 ng/ml



#30 AR-1254-5

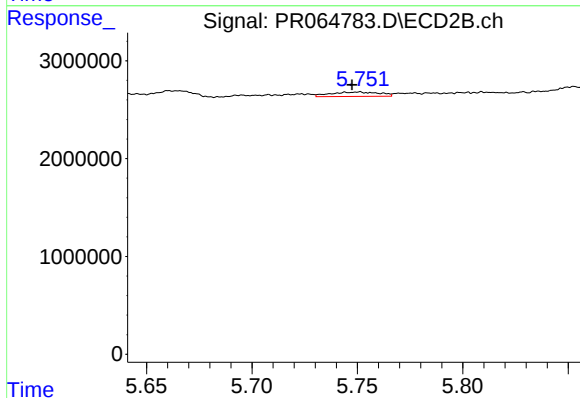
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 8511246
Conc: 23.88 ng/ml



#31 AR-1260-1

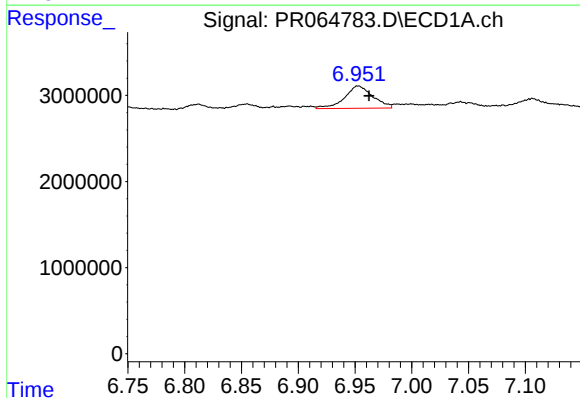
R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 827144
Conc: 3.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



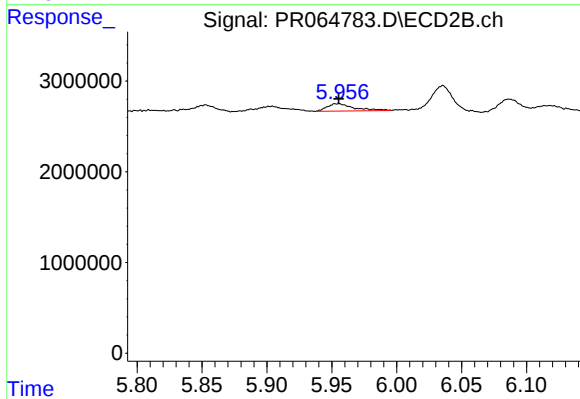
#31 AR-1260-1

R.T.: 5.751 min
Delta R.T.: 0.003 min
Response: 715535
Conc: 2.48 ng/ml



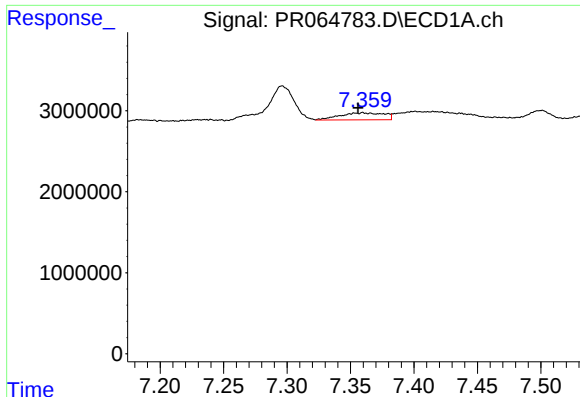
#32 AR-1260-2

R.T.: 6.953 min
Delta R.T.: -0.010 min
Response: 4501477
Conc: 15.75 ng/ml



#32 AR-1260-2

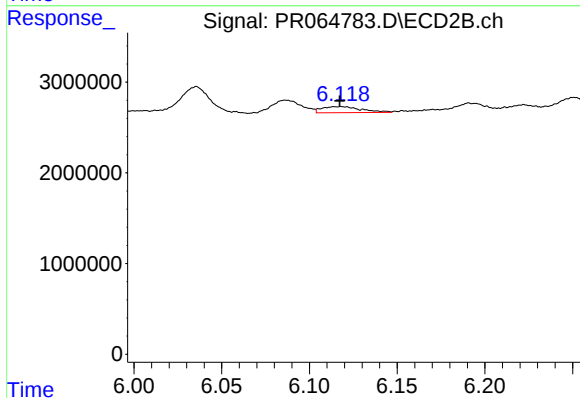
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 1171774
Conc: 3.37 ng/ml



#33 AR-1260-3

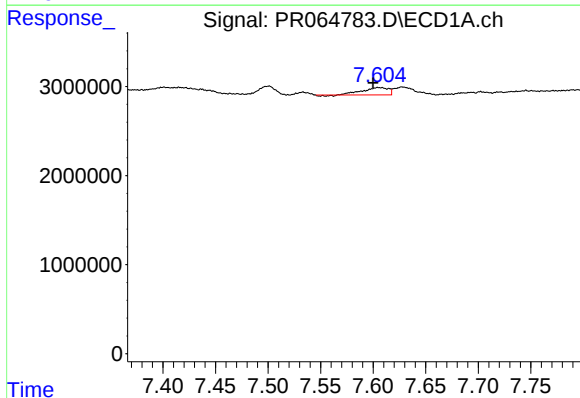
R.T.: 7.360 min
Delta R.T.: 0.004 min
Response: 2113448
Conc: 9.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



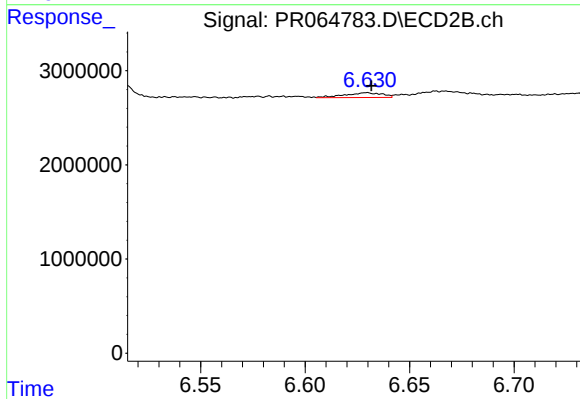
#33 AR-1260-3

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 1050074
Conc: 3.19 ng/ml



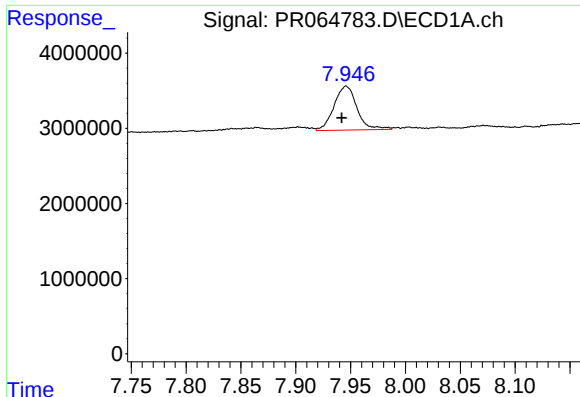
#34 AR-1260-4

R.T.: 7.605 min
Delta R.T.: 0.005 min
Response: 1419117
Conc: 6.17 ng/ml



#34 AR-1260-4

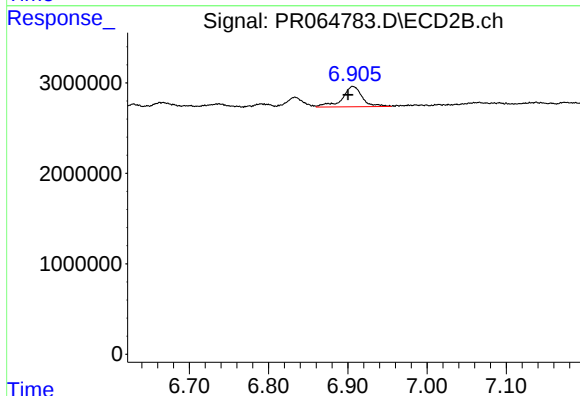
R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 633835
Conc: 2.35 ng/ml



#35 AR-1260-5

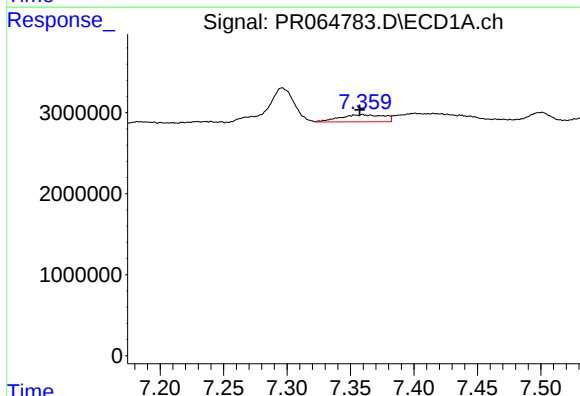
R.T.: 7.946 min
Delta R.T.: 0.004 min
Response: 8471780
Conc: 19.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



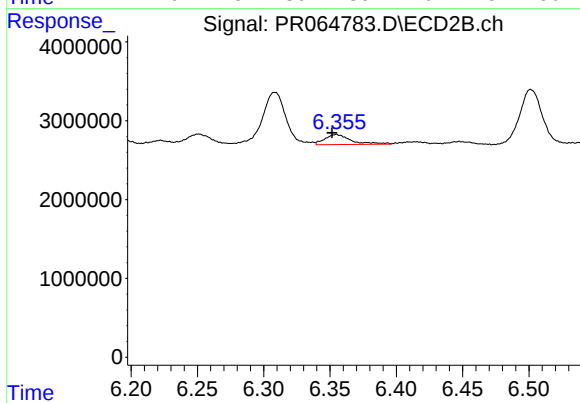
#35 AR-1260-5

R.T.: 6.906 min
Delta R.T.: 0.006 min
Response: 3936284
Conc: 6.30 ng/ml



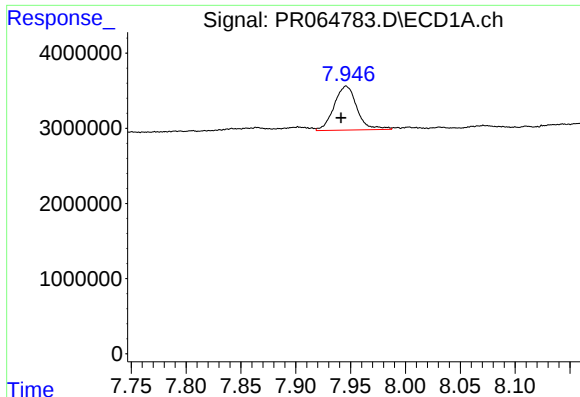
#36 AR-1262-1

R.T.: 7.360 min
Delta R.T.: 0.003 min
Response: 2113448
Conc: 7.35 ng/ml



#36 AR-1262-1

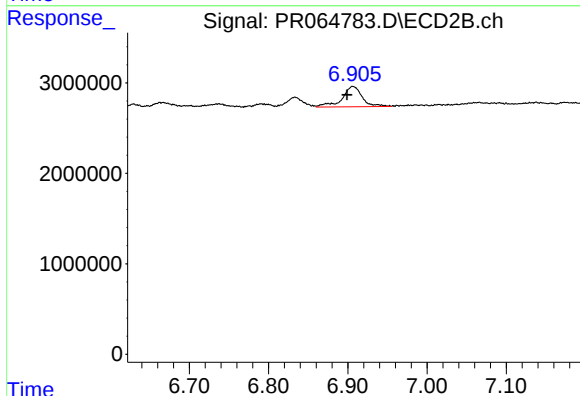
R.T.: 6.355 min
Delta R.T.: 0.003 min
Response: 1792109
Conc: 4.91 ng/ml



#37 AR-1262-2

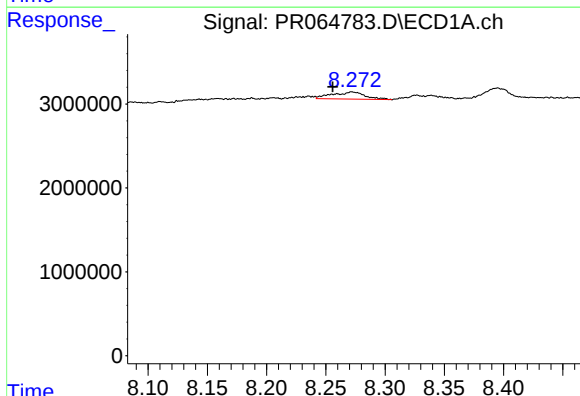
R.T.: 7.946 min
Delta R.T.: 0.004 min
Response: 8471780
Conc: 18.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



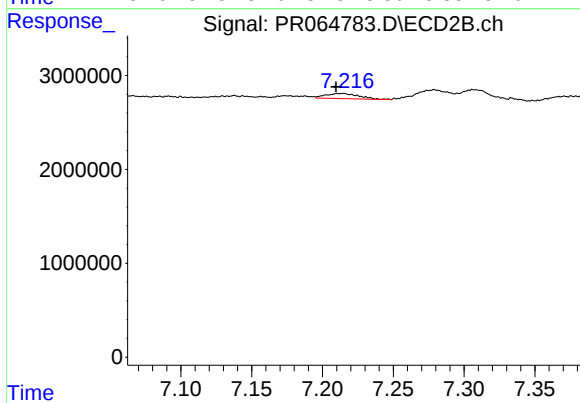
#37 AR-1262-2

R.T.: 6.906 min
Delta R.T.: 0.007 min
Response: 3936284
Conc: 5.97 ng/ml



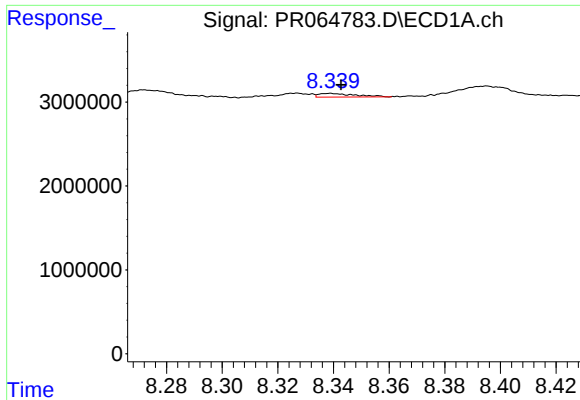
#38 AR-1262-3

R.T.: 8.272 min
Delta R.T.: 0.017 min
Response: 1654212
Conc: 5.25 ng/ml



#38 AR-1262-3

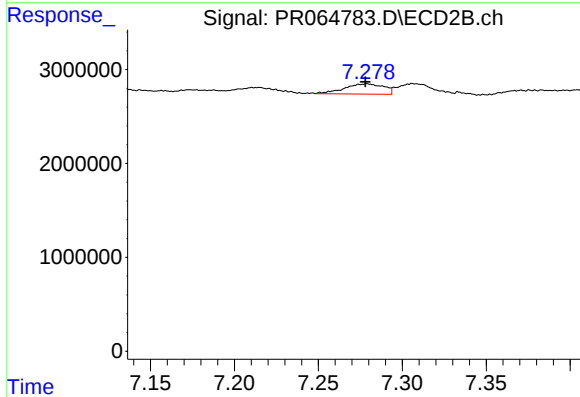
R.T.: 7.215 min
Delta R.T.: 0.005 min
Response: 892598
Conc: 3.56 ng/ml



#39 AR-1262-4

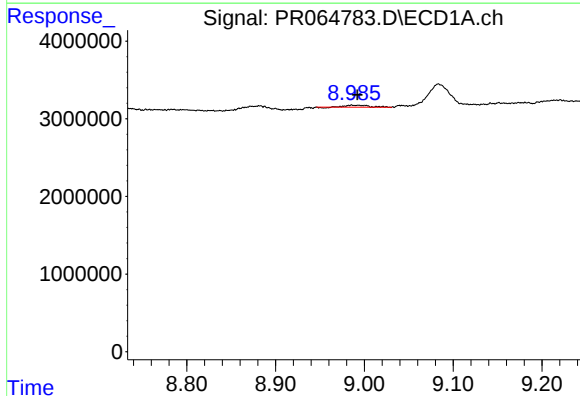
R.T.: 8.339 min
Delta R.T.: -0.004 min
Response: 395534
Conc: 1.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



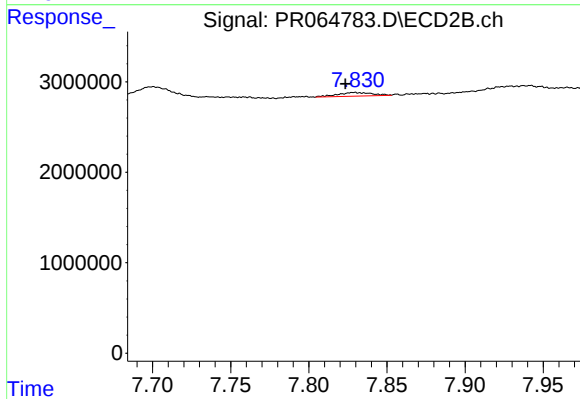
#39 AR-1262-4

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 1775879
Conc: 3.72 ng/ml



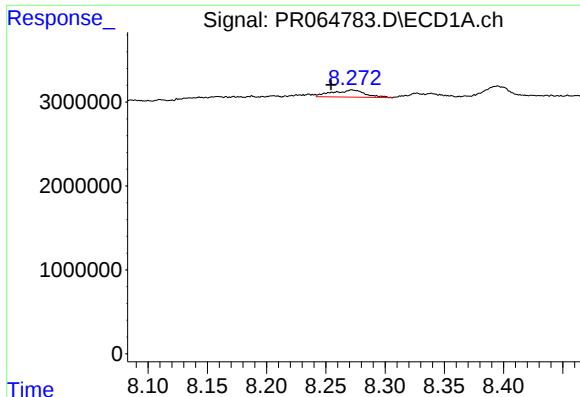
#40 AR-1262-5

R.T.: 8.986 min
Delta R.T.: -0.006 min
Response: 446265
Conc: 2.75 ng/ml



#40 AR-1262-5

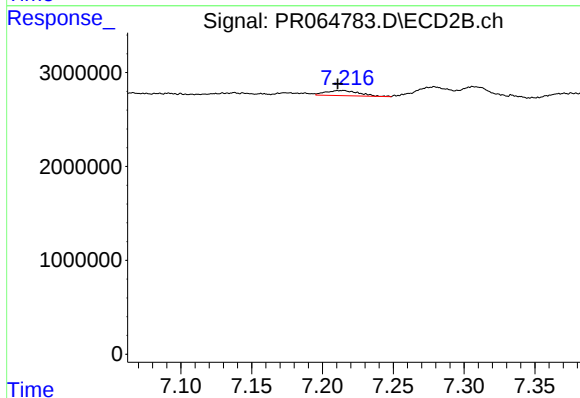
R.T.: 7.829 min
Delta R.T.: 0.006 min
Response: 643588
Conc: 3.03 ng/ml



#41 AR-1268-1

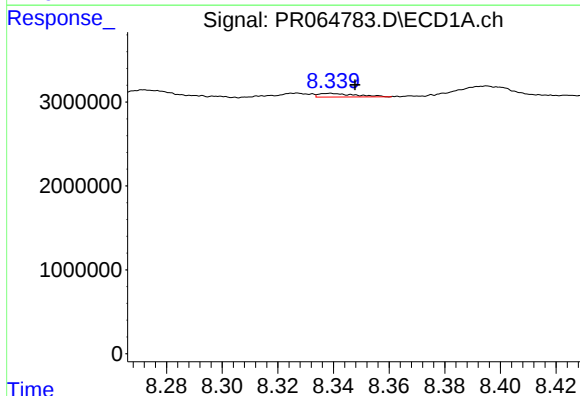
R.T.: 8.272 min
Delta R.T.: 0.018 min
Response: 1654212
Conc: 2.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



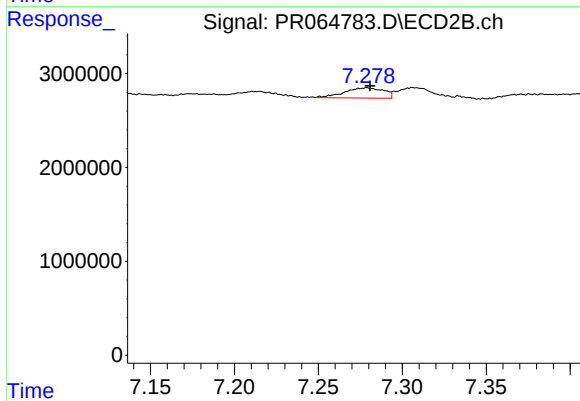
#41 AR-1268-1

R.T.: 7.215 min
Delta R.T.: 0.004 min
Response: 892598
Conc: 1.14 ng/ml



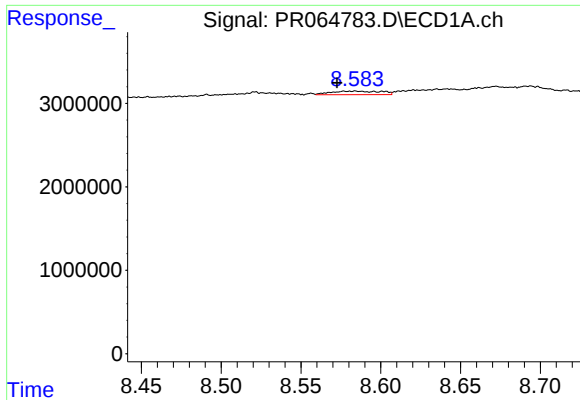
#42 AR-1268-2

R.T.: 8.339 min
Delta R.T.: -0.009 min
Response: 395534
Conc: 0.78 ng/ml



#42 AR-1268-2

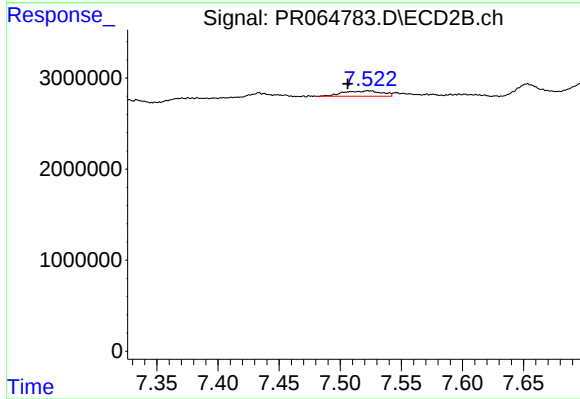
R.T.: 7.279 min
Delta R.T.: -0.002 min
Response: 1775879
Conc: 2.47 ng/ml



#43 AR-1268-3

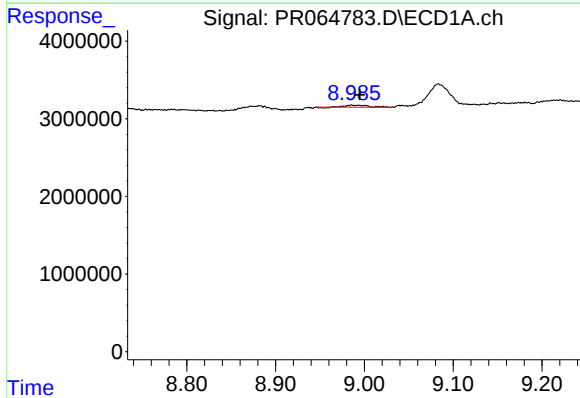
R.T.: 8.584 min
Delta R.T.: 0.011 min
Response: 940083
Conc: 2.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



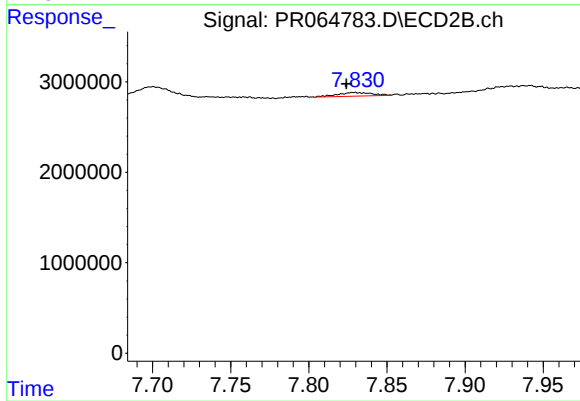
#43 AR-1268-3

R.T.: 7.523 min
Delta R.T.: 0.017 min
Response: 1285577
Conc: 2.15 ng/ml



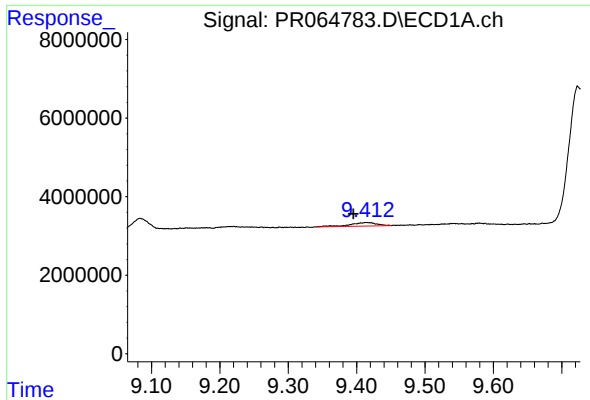
#44 AR-1268-4

R.T.: 8.986 min
Delta R.T.: -0.009 min
Response: 446265
Conc: 2.40 ng/ml



#44 AR-1268-4

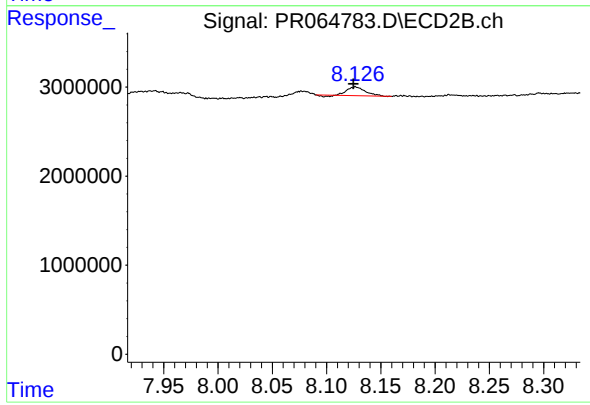
R.T.: 7.829 min
Delta R.T.: 0.005 min
Response: 643588
Conc: 2.58 ng/ml



#45 AR-1268-5

R.T.: 9.414 min
Delta R.T.: 0.019 min
Response: 2368123
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.127 min
Delta R.T.: 0.002 min
Response: 1077835
Conc: 0.60 ng/ml