

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
 Data File : PR052787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 04:16
 Operator : AJ\MA
 Sample : M4068-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 05:42:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 29 22:45:34 2021
 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...	4.683	3.851	55433636	41575446	16.817	15.226
2)	SA Decachlor...	10.612	8.854	61027248	53291561	18.830	16.486
Target Compounds							
3)	L1 AR-1016-1	5.869	4.932	1228072	889260	9.936	9.150
4)	L1 AR-1016-2	5.893	4.949	1362229	1161978	7.867	8.013
5)	L1 AR-1016-3	5.956	5.128	975838	568009	8.997	7.340
6)	L1 AR-1016-4	6.059	5.168	882989	797584	9.976	12.595 #
7)	L1 AR-1016-5	6.352	5.377	938545	646105	10.413	7.979
8)	L2 AR-1221-1	4.915	4.059	1984344	366375	48.586	10.506 #
9)	L2 AR-1221-2	4.997	4.149	1206072	861680	35.808	33.511
10)	L2 AR-1221-3	5.066	4.223	1557316	1127983	16.898	14.173
11)	L3 AR-1232-1	5.066	4.223	1557316	1127983	19.913	16.891
12)	L3 AR-1232-2	5.603	4.949	1002477	1161978	23.994	18.154
13)	L3 AR-1232-3	5.893	5.128	1362229	568009	17.762	16.505
14)	L3 AR-1232-4	6.059	5.207	882989	448226	22.315	14.509 #
15)	L3 AR-1232-5	6.145	5.377	740134	646105	23.327	19.605
16)	L4 AR-1242-1	5.869	4.932	1228072	889260	12.813	12.310
17)	L4 AR-1242-2	5.893	4.949	1362229	1161978	10.550	10.644
18)	L4 AR-1242-3	5.956	5.128	975838	568009	11.788	9.580
19)	L4 AR-1242-4	6.059	5.207	882989	448226	12.951	7.742 #
20)	L4 AR-1242-5	6.797	5.725	1017579	835490	13.664	11.820
21)	L5 AR-1248-1	5.869	4.932	1228072	889260	17.231	15.526
22)	L5 AR-1248-2	6.145	5.168	740134	797584	7.288	10.043 #
23)	L5 AR-1248-3	6.352	5.207	938545	448226	8.330	5.317 #
24)	L5 AR-1248-4	6.755	5.377	723882	646105	5.714	6.515
25)	L5 AR-1248-5	6.797	5.767	1017579	621760	8.339	6.364
26)	L6 AR-1254-1	6.729	5.725	610931	835490	4.655	5.511
27)	L6 AR-1254-2	6.959	5.874	677706	335631	3.350	2.559
28)	L6 AR-1254-3	7.321	6.274	280302	112370	1.322	0.509 #
29)	L6 AR-1254-4	7.599	6.493	382078	123677	2.419	0.908 #
30)	L6 AR-1254-5	8.027	6.943f	285116	213406	1.618	1.027 #
31)	L7 AR-1260-1	7.480	0.000	299659	0	1.930	N.D. #
32)	L7 AR-1260-2	7.743	0.000	886498	0	4.751	N.D. #
33)	L7 AR-1260-3	8.123f	6.739	290624	36477	1.983	0.216 #
34)	L7 AR-1260-4	0.000	7.238f	0	140777	N.D.	0.927 #
35)	L7 AR-1260-5	0.000	7.441	0	81397	N.D.	0.222 #
36)	L8 AR-1262-1	8.123f	6.943f	290624	213406	1.433	1.970 #
37)	L8 AR-1262-2	0.000	7.441	0	81397	N.D.	0.209 #
38)	L8 AR-1262-3	9.035f	7.731	293916	155633	1.795	0.976 #
39)	L8 AR-1262-4	0.000	7.805	0	109377	N.D.	0.362 #
41)	L9 AR-1268-1	9.035f	7.731	293916	155633	0.657	0.329 #
42)	L9 AR-1268-2	0.000	7.805	0	109377	N.D.	0.246 #

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 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 05:42:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112921.M
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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
43) L9	AR-1268-3	0.000	8.003	0	170724	N.D.	0.442 #
45) L9	AR-1268-5	10.257	8.590	544475	519551	0.469	0.417

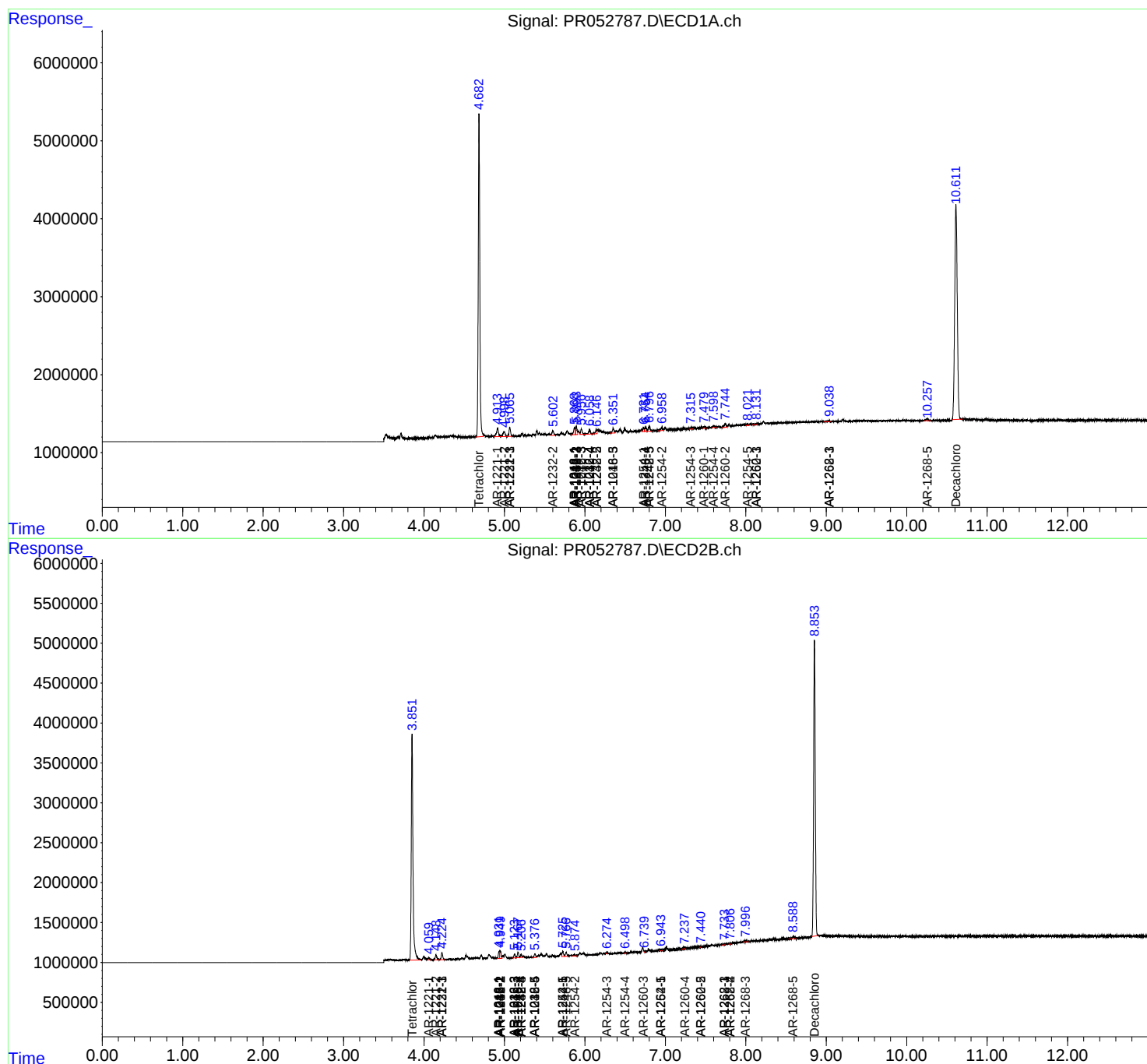
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

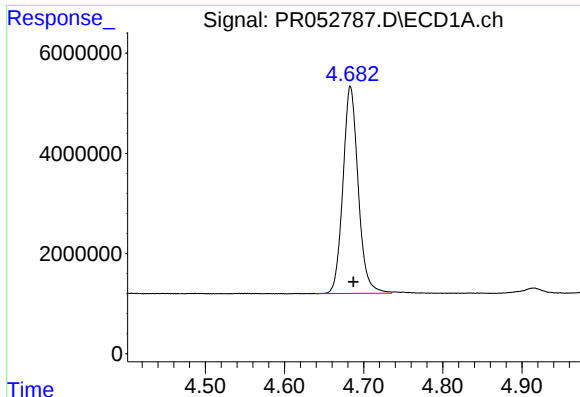
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR113021\
Data File : PR052787.D
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Acq On : 01 Dec 2021 04:16
Operator : AJ\MA
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ECD_R
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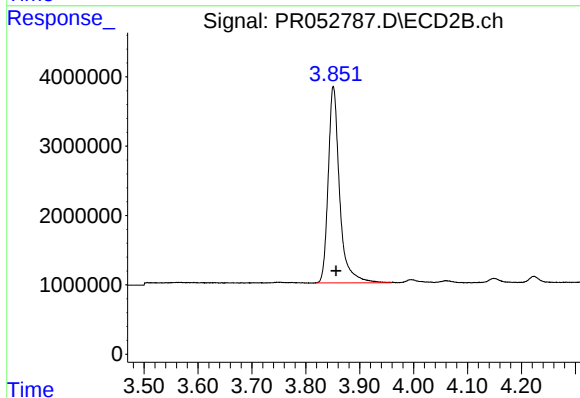




#1 Tetrachloro-m-xylene

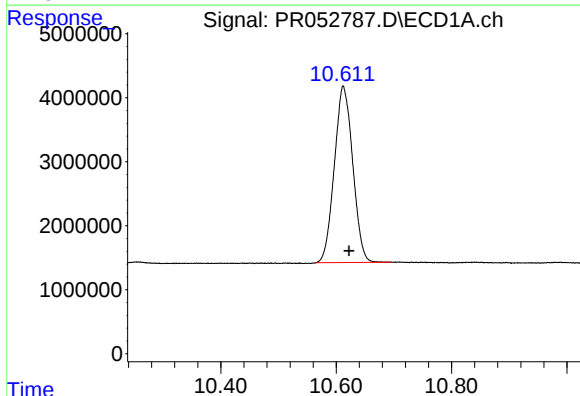
R.T.: 4.683 min
Delta R.T.: -0.004 min
Response: 55433636
Conc: 16.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



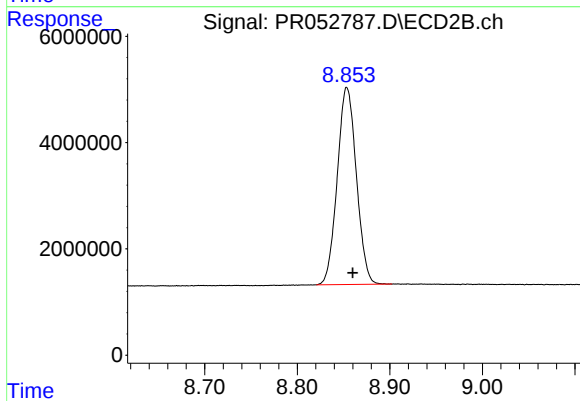
#1 Tetrachloro-m-xylene

R.T.: 3.851 min
Delta R.T.: -0.005 min
Response: 41575446
Conc: 15.23 ng/ml



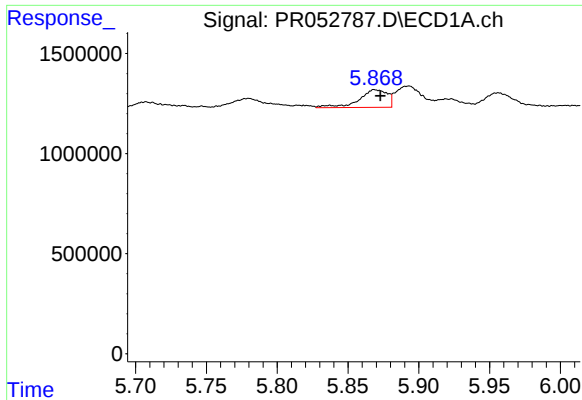
#2 Decachlorobiphenyl

R.T.: 10.612 min
Delta R.T.: -0.010 min
Response: 61027248
Conc: 18.83 ng/ml



#2 Decachlorobiphenyl

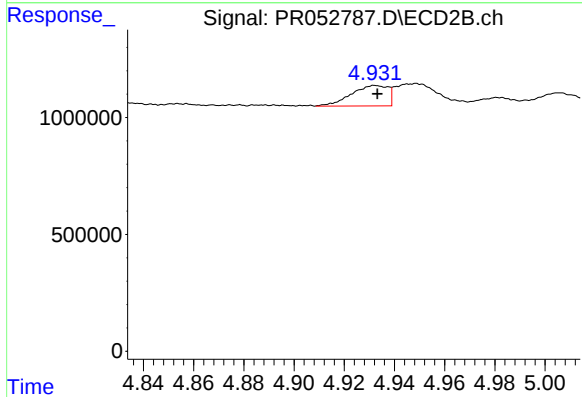
R.T.: 8.854 min
Delta R.T.: -0.006 min
Response: 53291561
Conc: 16.49 ng/ml



#3 AR-1016-1

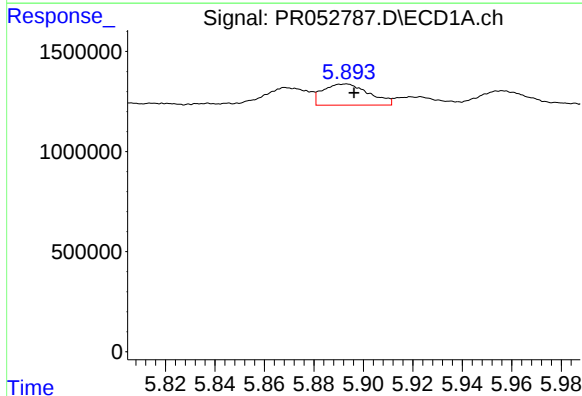
R.T.: 5.869 min
Delta R.T.: -0.004 min
Response: 1228072
Conc: 9.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



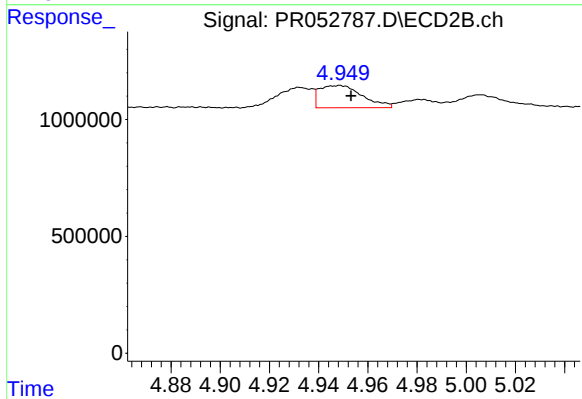
#3 AR-1016-1

R.T.: 4.932 min
Delta R.T.: -0.001 min
Response: 889260
Conc: 9.15 ng/ml



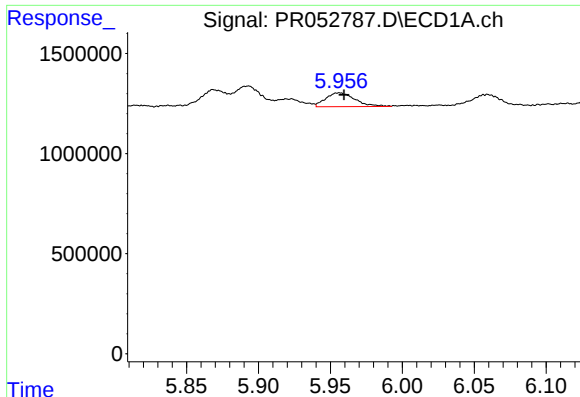
#4 AR-1016-2

R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 1362229
Conc: 7.87 ng/ml



#4 AR-1016-2

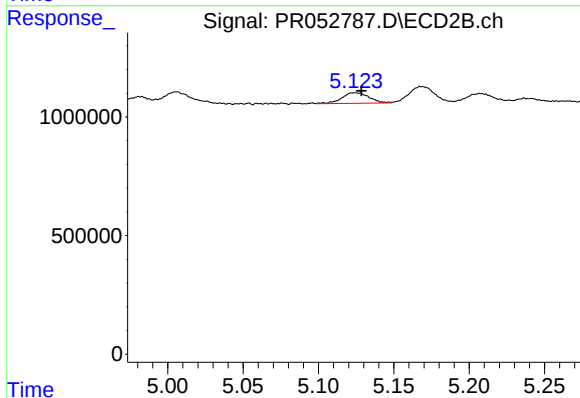
R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 1161978
Conc: 8.01 ng/ml



#5 AR-1016-3

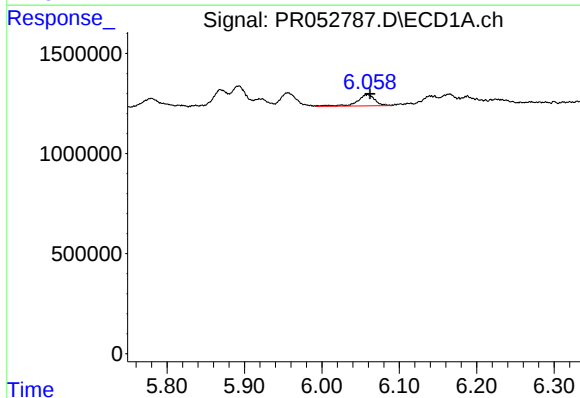
R.T.: 5.956 min
Delta R.T.: -0.004 min
Response: 975838
Conc: 9.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



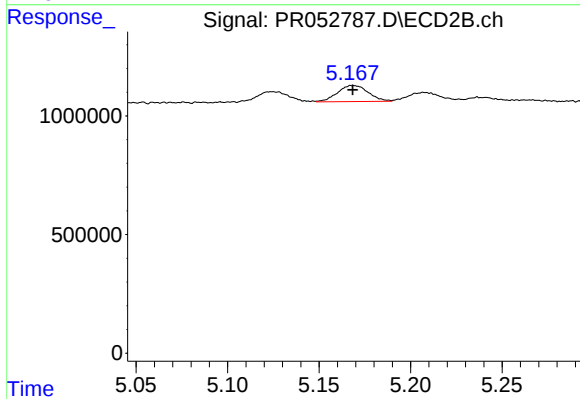
#5 AR-1016-3

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 568009
Conc: 7.34 ng/ml



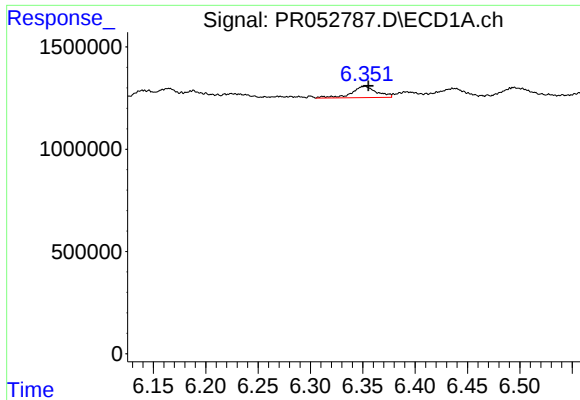
#6 AR-1016-4

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 882989
Conc: 9.98 ng/ml



#6 AR-1016-4

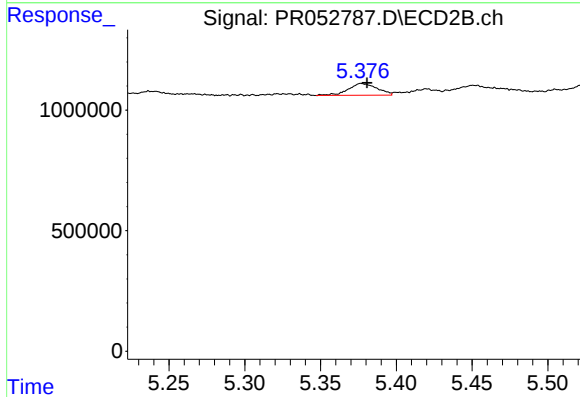
R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 797584
Conc: 12.59 ng/ml



#7 AR-1016-5

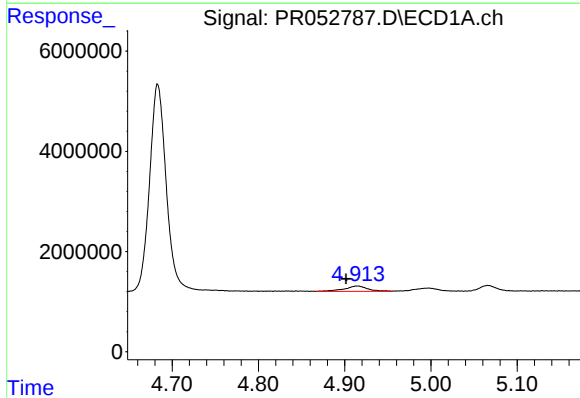
R.T.: 6.352 min
Delta R.T.: -0.003 min
Response: 938545
Conc: 10.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



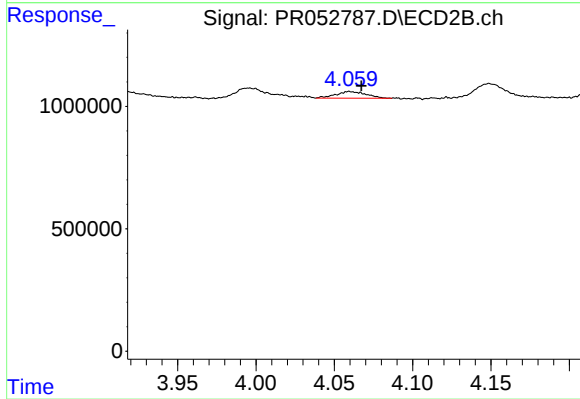
#7 AR-1016-5

R.T.: 5.377 min
Delta R.T.: -0.004 min
Response: 646105
Conc: 7.98 ng/ml



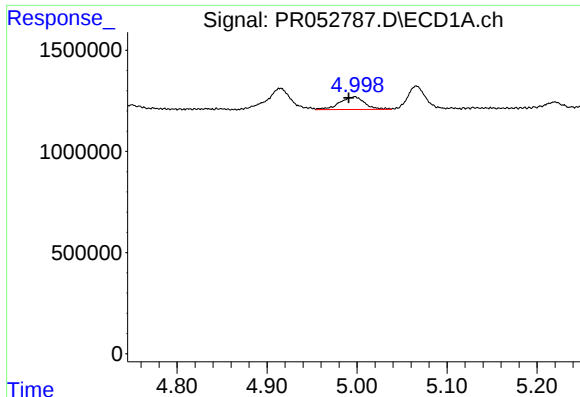
#8 AR-1221-1

R.T.: 4.915 min
Delta R.T.: 0.013 min
Response: 1984344
Conc: 48.59 ng/ml



#8 AR-1221-1

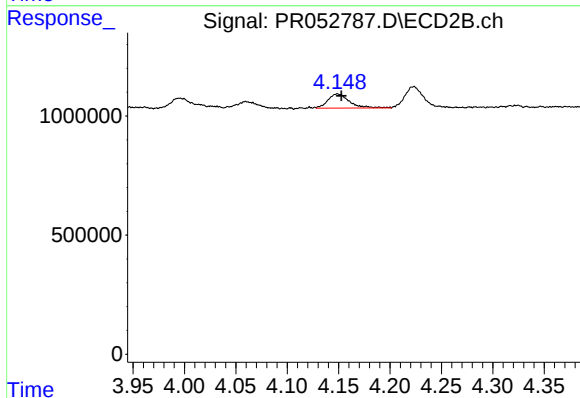
R.T.: 4.059 min
Delta R.T.: -0.008 min
Response: 366375
Conc: 10.51 ng/ml



#9 AR-1221-2

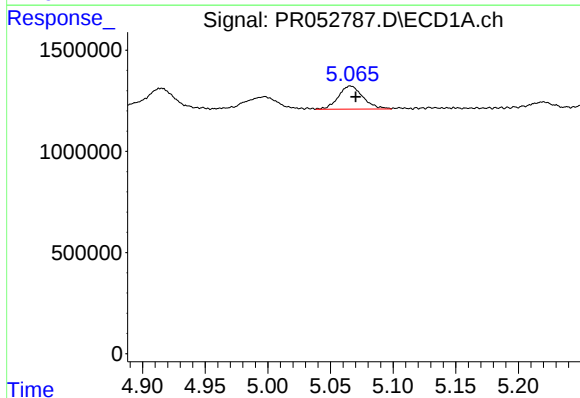
R.T.: 4.997 min
Delta R.T.: 0.007 min
Response: 1206072
Conc: 35.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



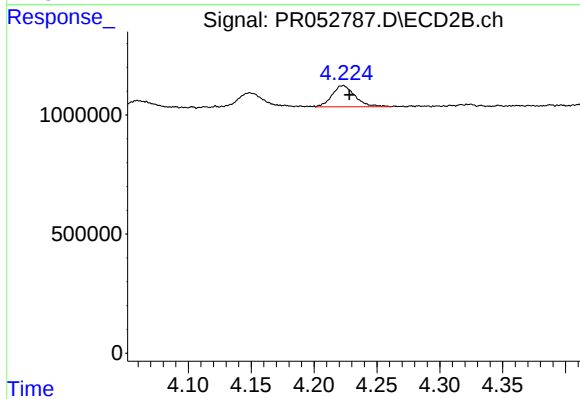
#9 AR-1221-2

R.T.: 4.149 min
Delta R.T.: -0.004 min
Response: 861680
Conc: 33.51 ng/ml



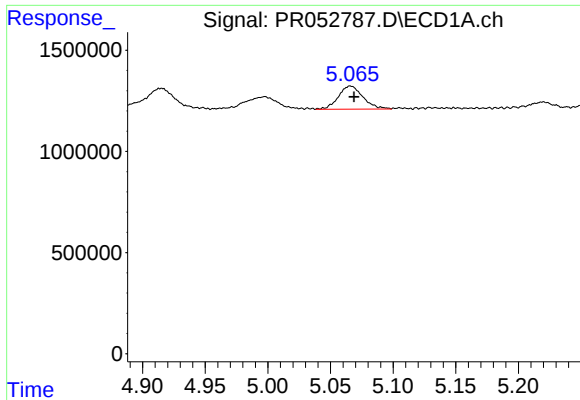
#10 AR-1221-3

R.T.: 5.066 min
Delta R.T.: -0.004 min
Response: 1557316
Conc: 16.90 ng/ml



#10 AR-1221-3

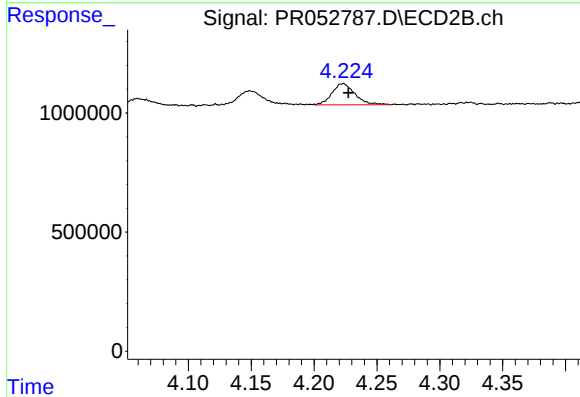
R.T.: 4.223 min
Delta R.T.: -0.005 min
Response: 1127983
Conc: 14.17 ng/ml



#11 AR-1232-1

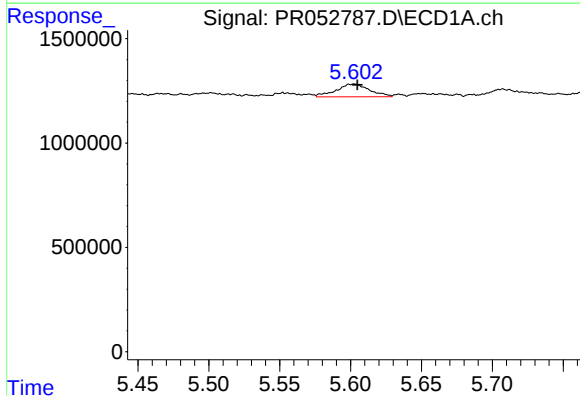
R.T.: 5.066 min
Delta R.T.: -0.003 min
Response: 1557316
Conc: 19.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



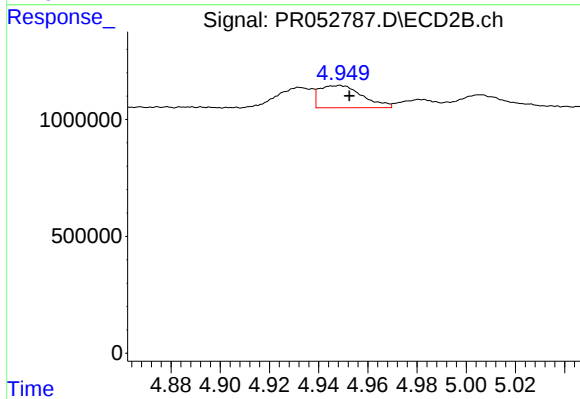
#11 AR-1232-1

R.T.: 4.223 min
Delta R.T.: -0.004 min
Response: 1127983
Conc: 16.89 ng/ml



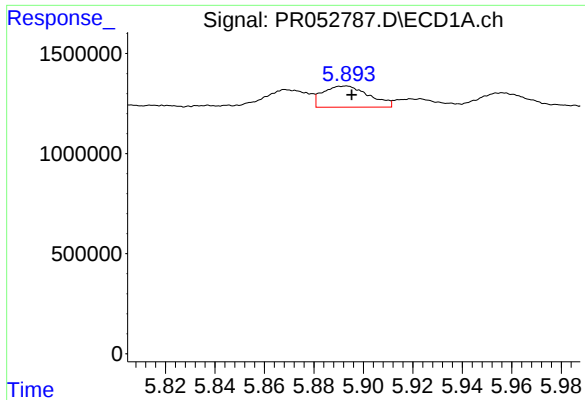
#12 AR-1232-2

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 1002477
Conc: 23.99 ng/ml



#12 AR-1232-2

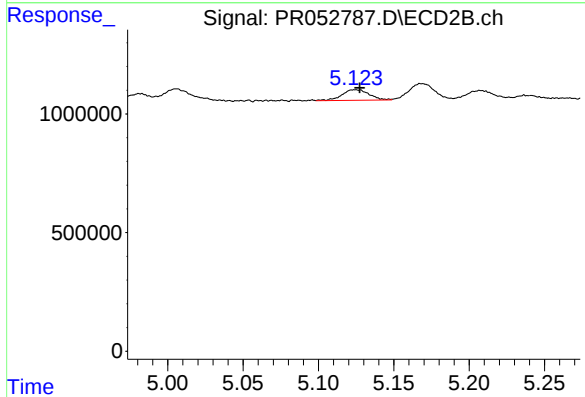
R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 1161978
Conc: 18.15 ng/ml



#13 AR-1232-3

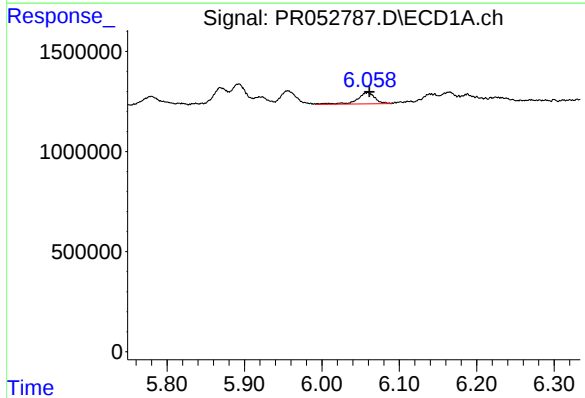
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 1362229
Conc: 17.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



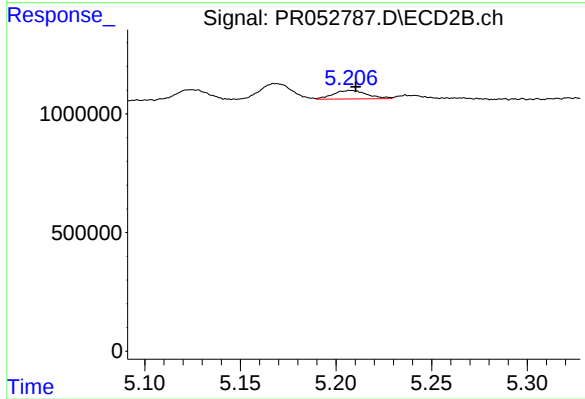
#13 AR-1232-3

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 568009
Conc: 16.51 ng/ml



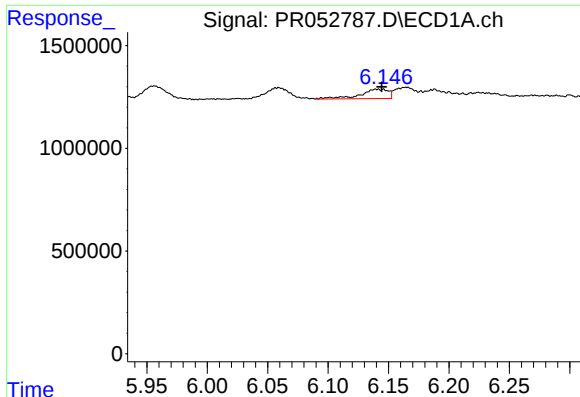
#14 AR-1232-4

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 882989
Conc: 22.31 ng/ml



#14 AR-1232-4

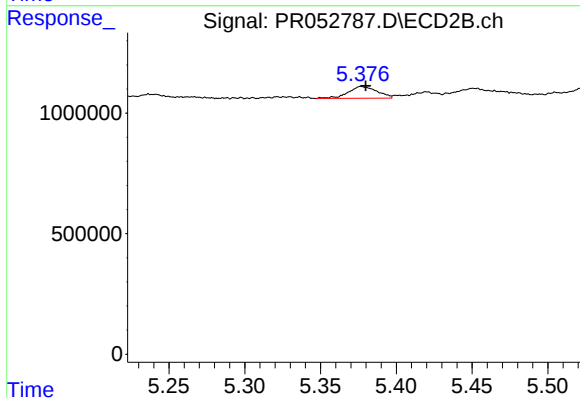
R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 448226
Conc: 14.51 ng/ml



#15 AR-1232-5

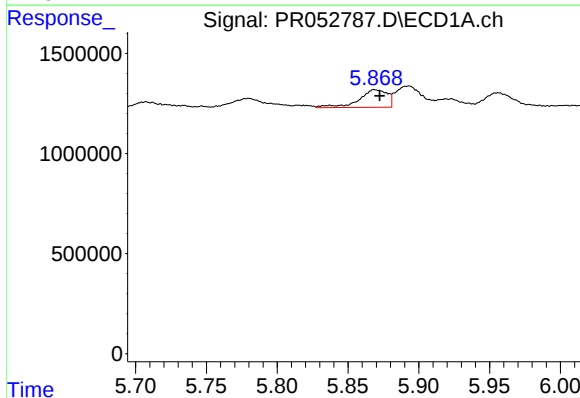
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 740134
Conc: 23.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



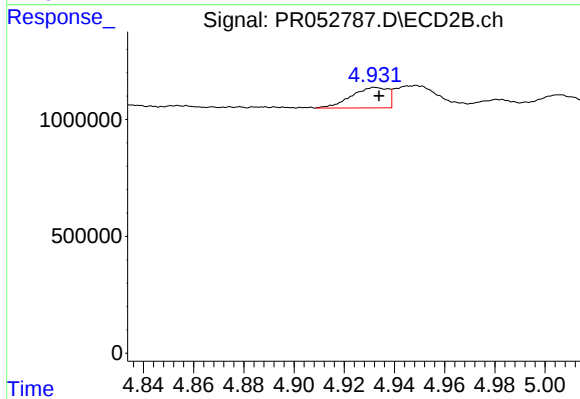
#15 AR-1232-5

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 646105
Conc: 19.61 ng/ml



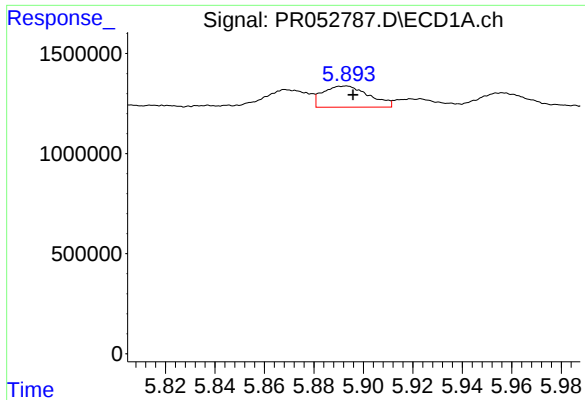
#16 AR-1242-1

R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 1228072
Conc: 12.81 ng/ml



#16 AR-1242-1

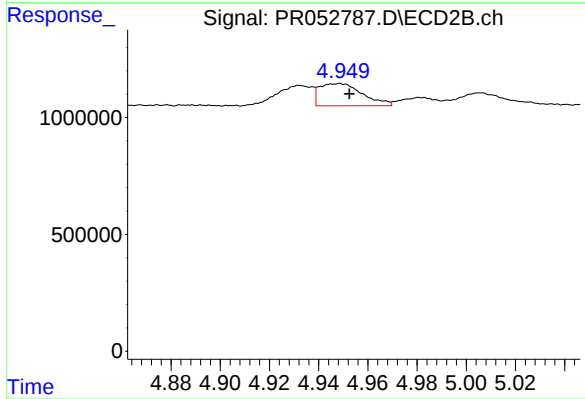
R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 889260
Conc: 12.31 ng/ml



#17 AR-1242-2

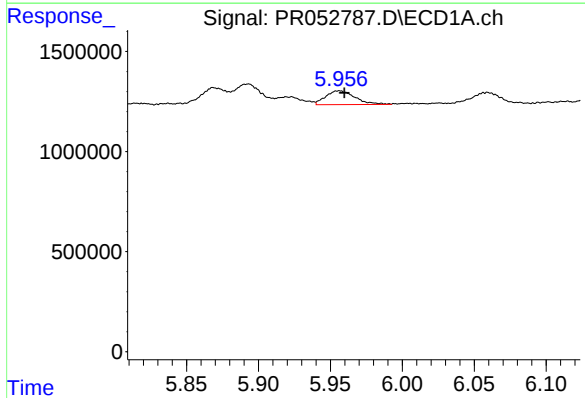
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 1362229
Conc: 10.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



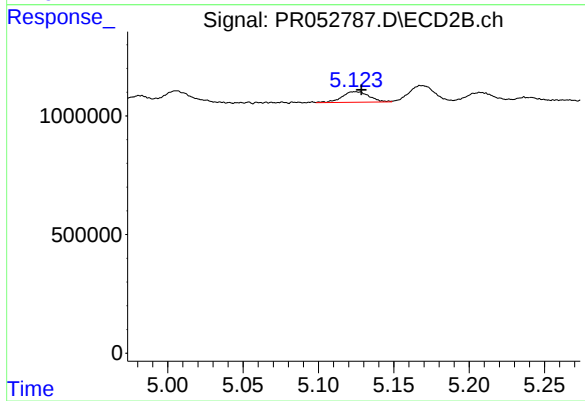
#17 AR-1242-2

R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 1161978
Conc: 10.64 ng/ml



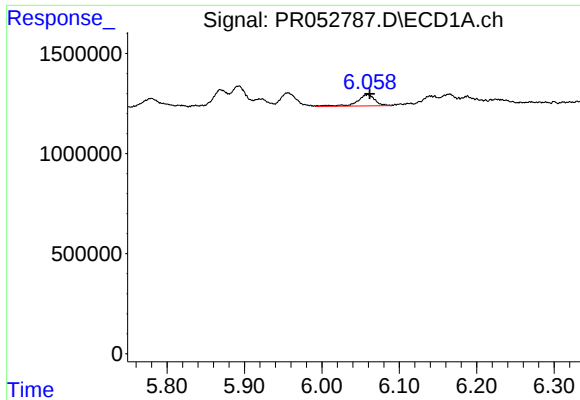
#18 AR-1242-3

R.T.: 5.956 min
Delta R.T.: -0.004 min
Response: 975838
Conc: 11.79 ng/ml



#18 AR-1242-3

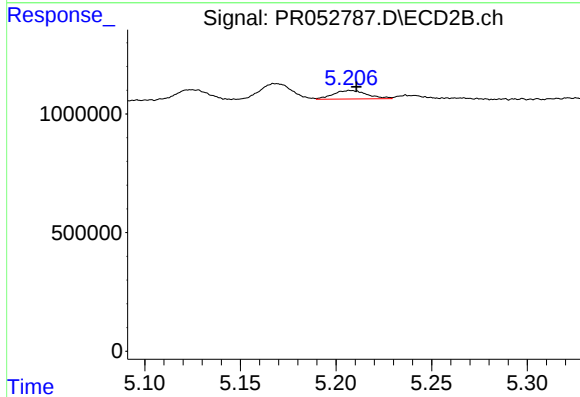
R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 568009
Conc: 9.58 ng/ml



#19 AR-1242-4

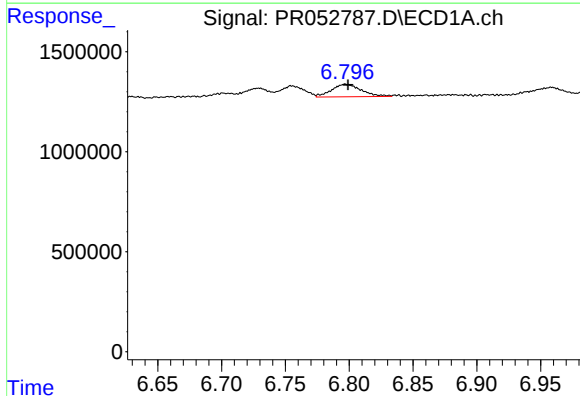
R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 882989
Conc: 12.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



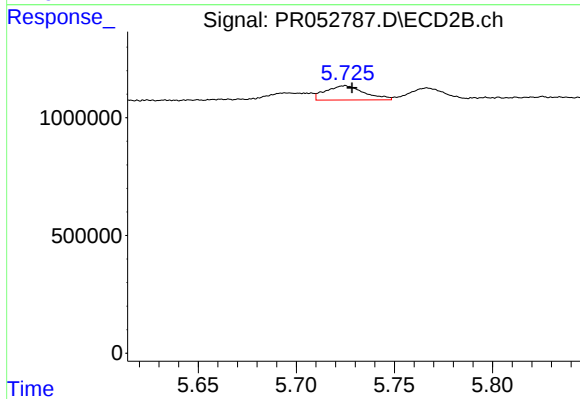
#19 AR-1242-4

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 448226
Conc: 7.74 ng/ml



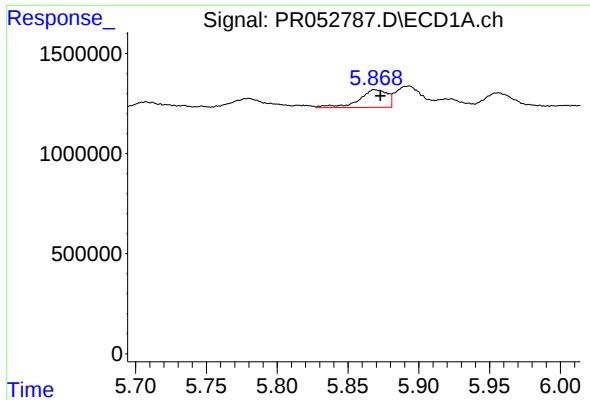
#20 AR-1242-5

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 1017579
Conc: 13.66 ng/ml



#20 AR-1242-5

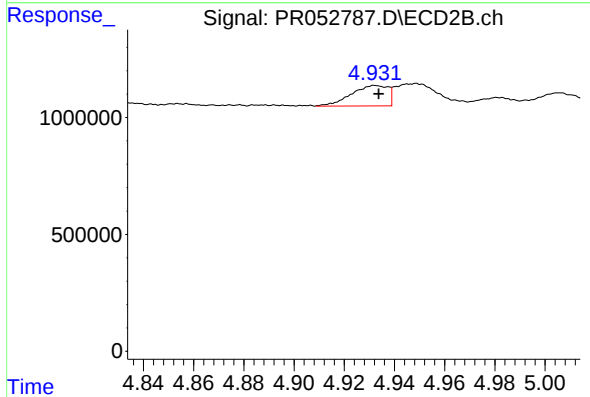
R.T.: 5.725 min
Delta R.T.: -0.003 min
Response: 835490
Conc: 11.82 ng/ml



#21 AR-1248-1

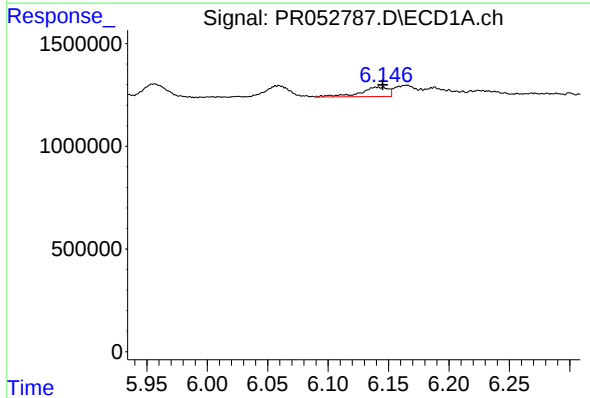
R.T.: 5.869 min
Delta R.T.: -0.004 min
Response: 1228072
Conc: 17.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



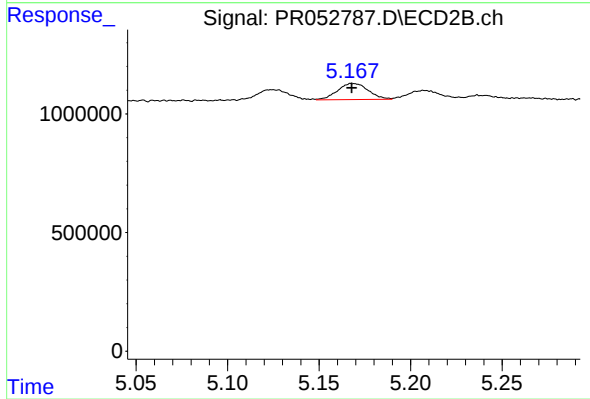
#21 AR-1248-1

R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 889260
Conc: 15.53 ng/ml



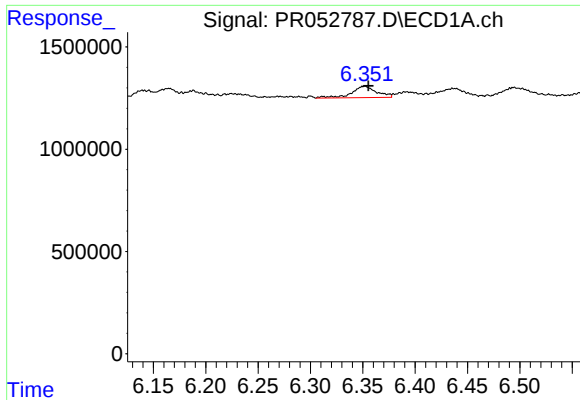
#22 AR-1248-2

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 740134
Conc: 7.29 ng/ml



#22 AR-1248-2

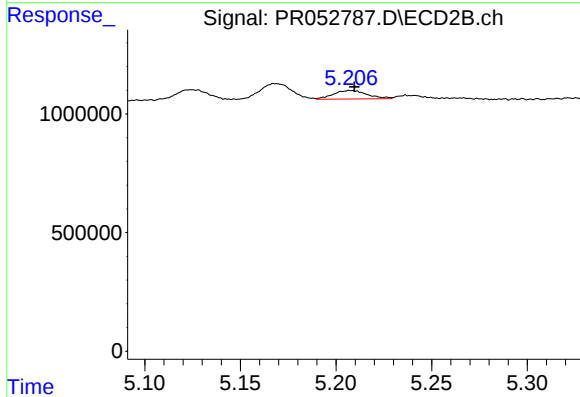
R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 797584
Conc: 10.04 ng/ml



#23 AR-1248-3

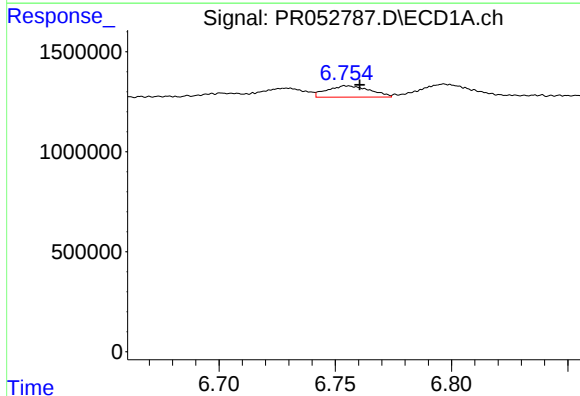
R.T.: 6.352 min
Delta R.T.: -0.003 min
Response: 938545
Conc: 8.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



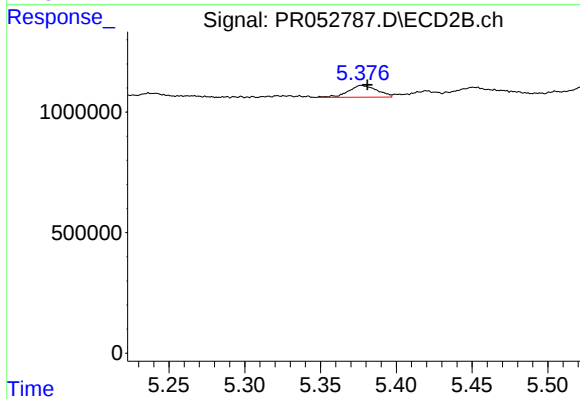
#23 AR-1248-3

R.T.: 5.207 min
Delta R.T.: -0.002 min
Response: 448226
Conc: 5.32 ng/ml



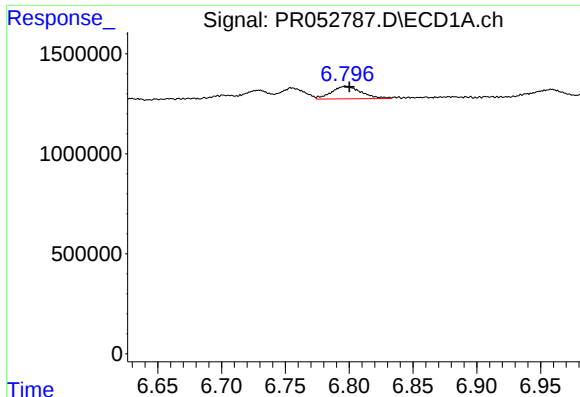
#24 AR-1248-4

R.T.: 6.755 min
Delta R.T.: -0.006 min
Response: 723882
Conc: 5.71 ng/ml



#24 AR-1248-4

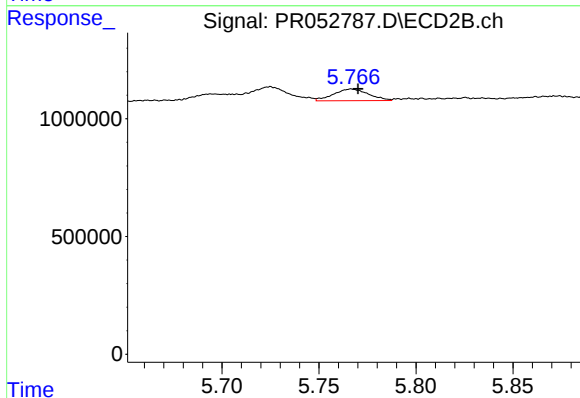
R.T.: 5.377 min
Delta R.T.: -0.004 min
Response: 646105
Conc: 6.52 ng/ml



#25 AR-1248-5

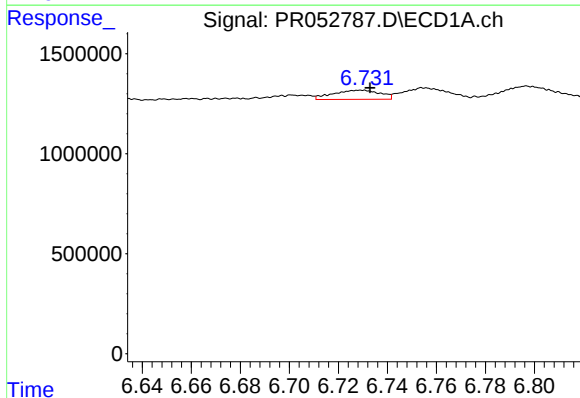
R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 1017579
Conc: 8.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



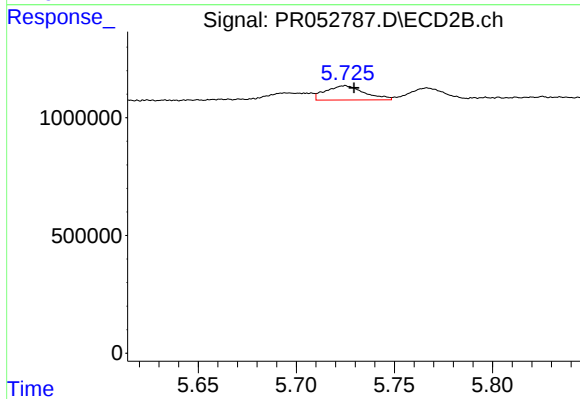
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.003 min
Response: 621760
Conc: 6.36 ng/ml



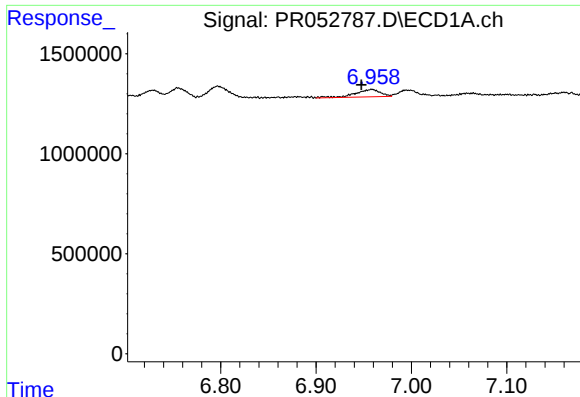
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 610931
Conc: 4.65 ng/ml



#26 AR-1254-1

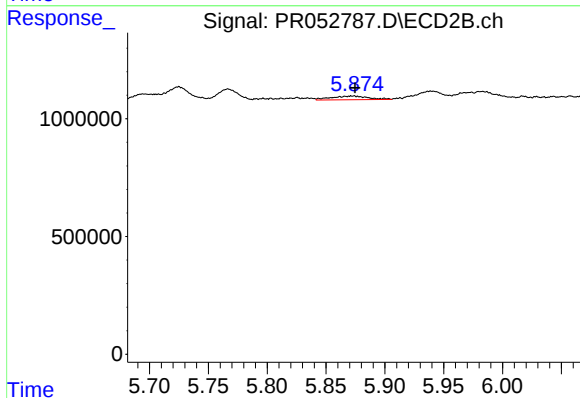
R.T.: 5.725 min
Delta R.T.: -0.004 min
Response: 835490
Conc: 5.51 ng/ml



#27 AR-1254-2

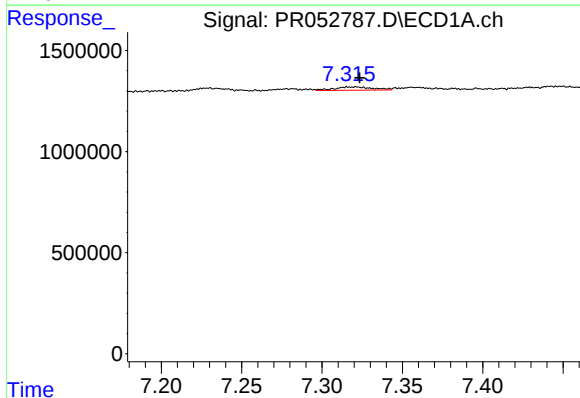
R.T.: 6.959 min
Delta R.T.: 0.011 min
Response: 677706
Conc: 3.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



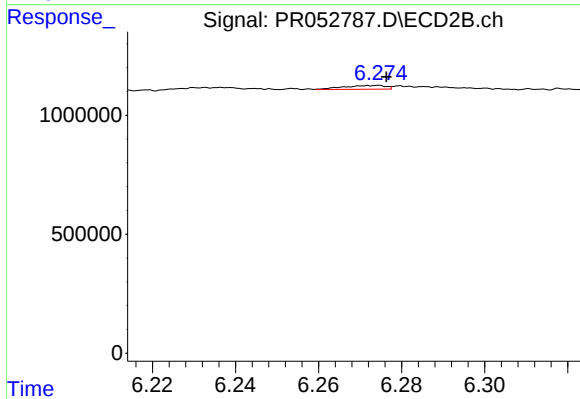
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 335631
Conc: 2.56 ng/ml



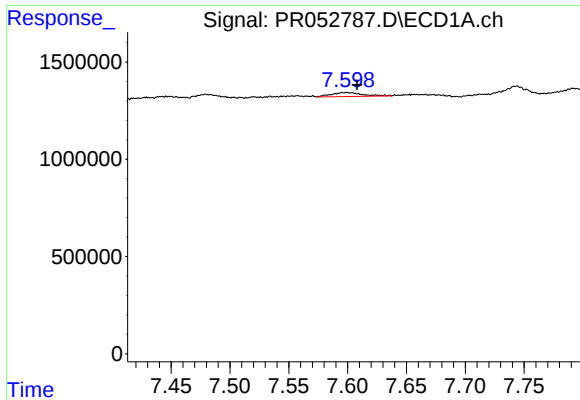
#28 AR-1254-3

R.T.: 7.321 min
Delta R.T.: -0.002 min
Response: 280302
Conc: 1.32 ng/ml



#28 AR-1254-3

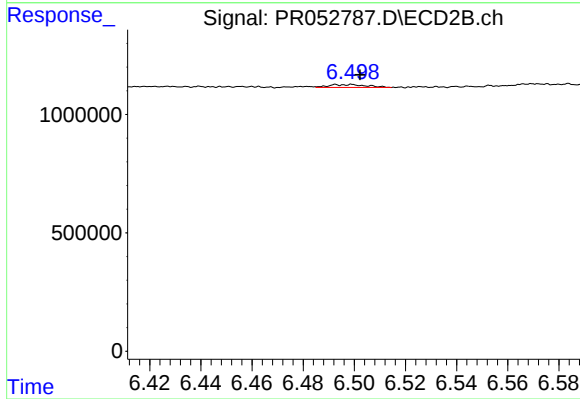
R.T.: 6.274 min
Delta R.T.: -0.002 min
Response: 112370
Conc: 0.51 ng/ml



#29 AR-1254-4

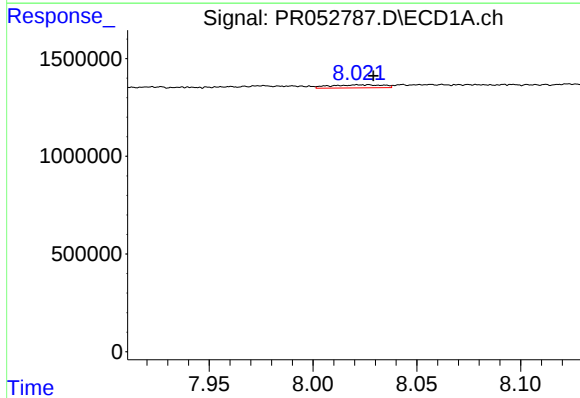
R.T.: 7.599 min
Delta R.T.: -0.009 min
Response: 382078
Conc: 2.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



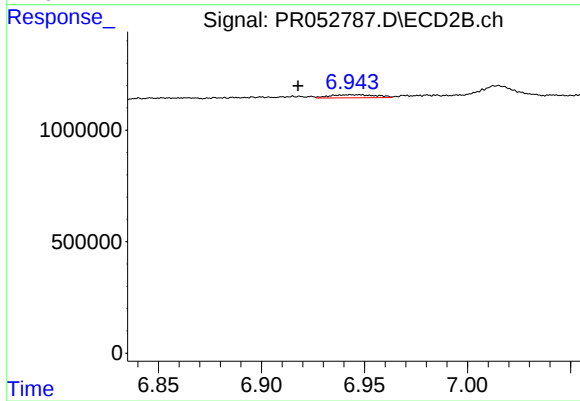
#29 AR-1254-4

R.T.: 6.493 min
Delta R.T.: -0.009 min
Response: 123677
Conc: 0.91 ng/ml



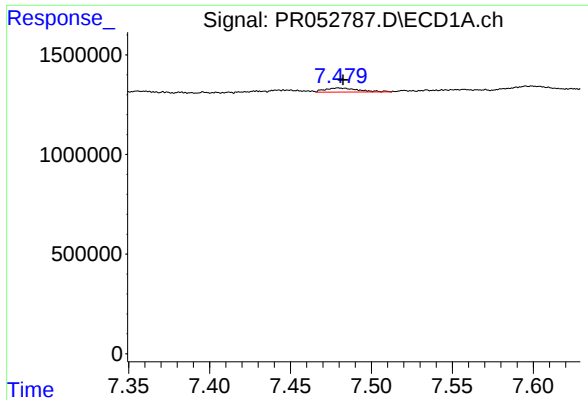
#30 AR-1254-5

R.T.: 8.027 min
Delta R.T.: -0.002 min
Response: 285116
Conc: 1.62 ng/ml



#30 AR-1254-5

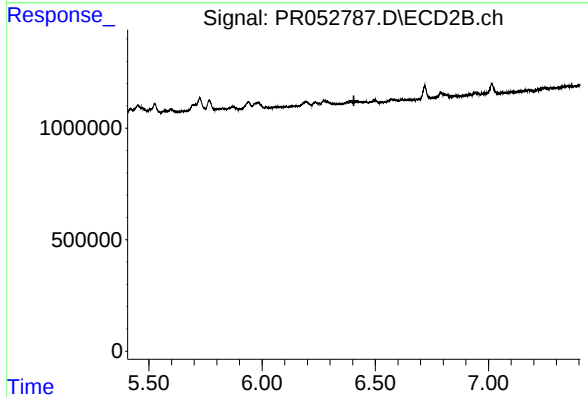
R.T.: 6.943 min
Delta R.T.: 0.026 min
Response: 213406
Conc: 1.03 ng/ml



#31 AR-1260-1

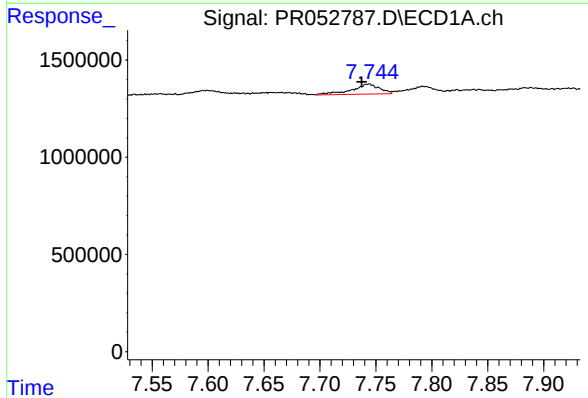
R.T.: 7.480 min
Delta R.T.: -0.003 min
Response: 299659
Conc: 1.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



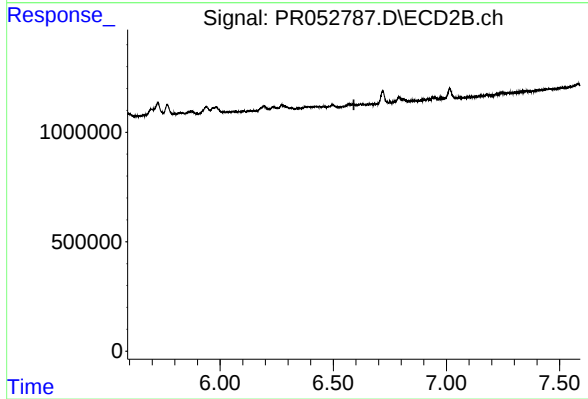
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.406 min
Response: 0
Conc: N.D.



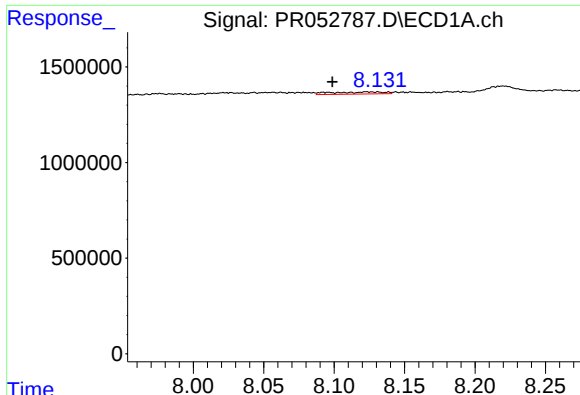
#32 AR-1260-2

R.T.: 7.743 min
Delta R.T.: 0.006 min
Response: 886498
Conc: 4.75 ng/ml



#32 AR-1260-2

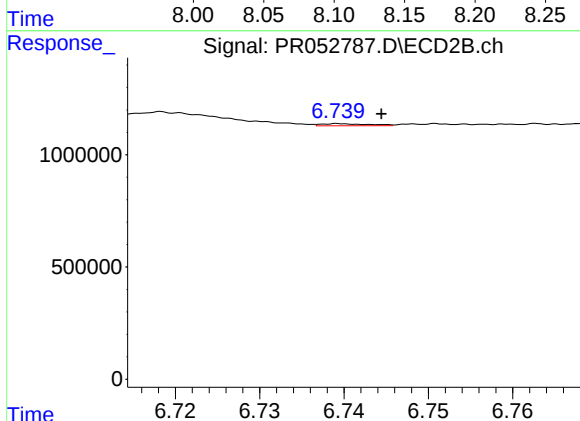
R.T.: 0.000 min
Exp R.T. : 6.591 min
Response: 0
Conc: N.D.



#33 AR-1260-3

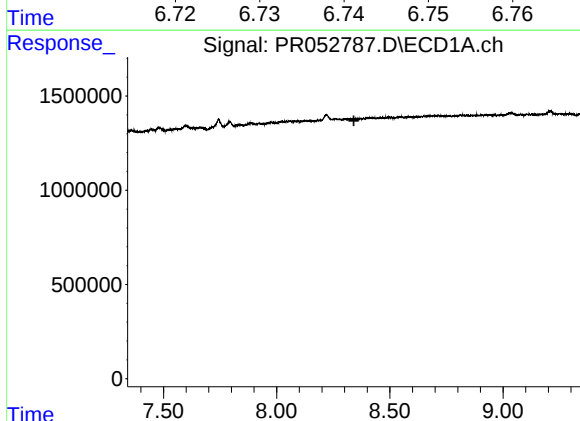
R.T.: 8.123 min
Delta R.T.: 0.024 min
Response: 290624
Conc: 1.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



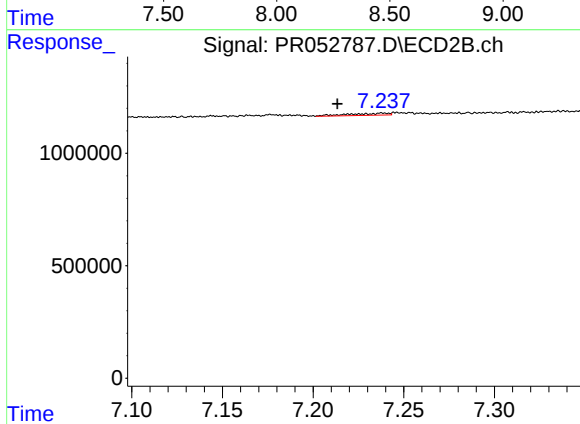
#33 AR-1260-3

R.T.: 6.739 min
Delta R.T.: -0.005 min
Response: 36477
Conc: 0.22 ng/ml



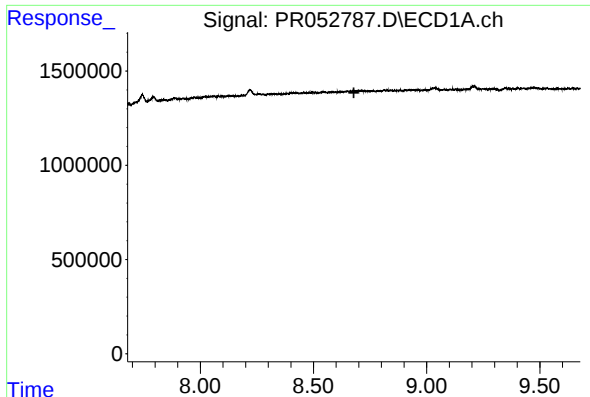
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.341 min
Response: 0
Conc: N.D.



#34 AR-1260-4

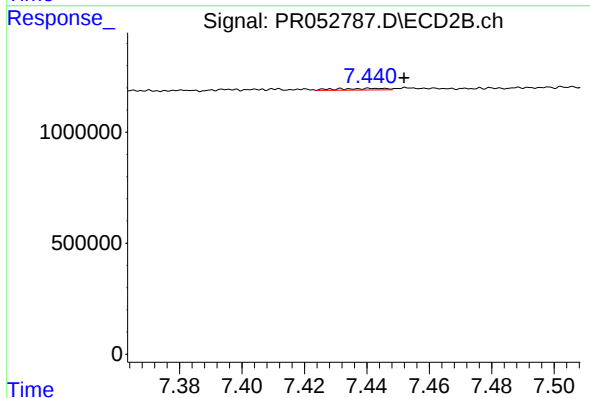
R.T.: 7.238 min
Delta R.T.: 0.024 min
Response: 140777
Conc: 0.93 ng/ml



#35 AR-1260-5

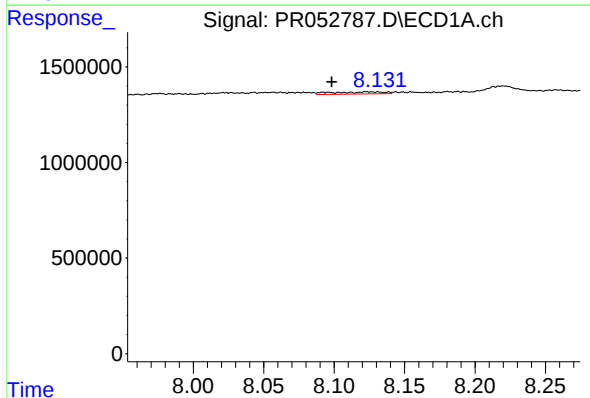
R.T.: 0.000 min
Exp R.T.: 8.679 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



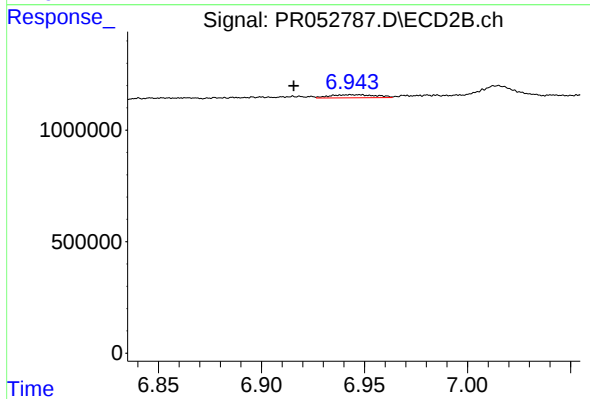
#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: -0.011 min
Response: 81397
Conc: 0.22 ng/ml



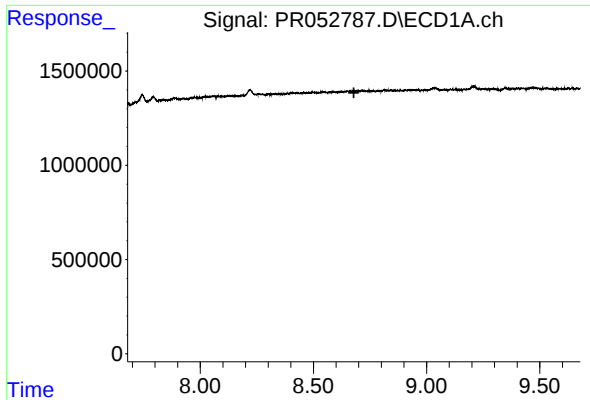
#36 AR-1262-1

R.T.: 8.123 min
Delta R.T.: 0.025 min
Response: 290624
Conc: 1.43 ng/ml



#36 AR-1262-1

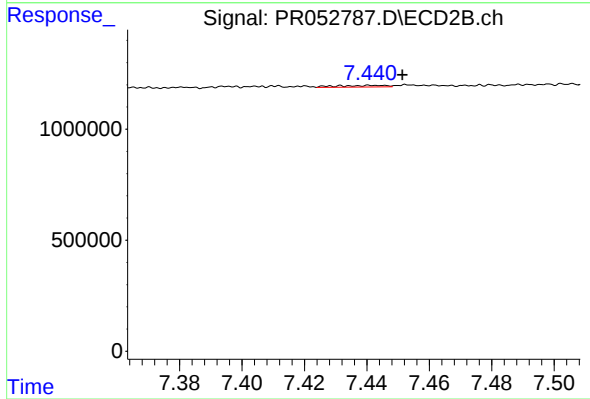
R.T.: 6.943 min
Delta R.T.: 0.028 min
Response: 213406
Conc: 1.97 ng/ml



#37 AR-1262-2

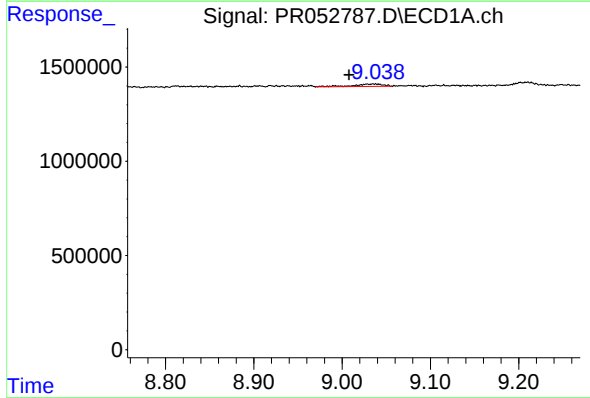
R.T.: 0.000 min
Exp R.T.: 8.679 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



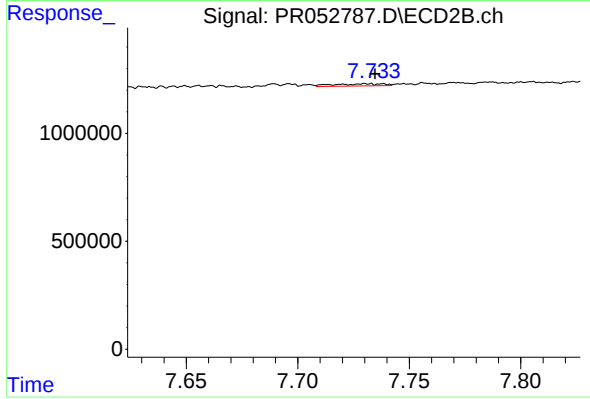
#37 AR-1262-2

R.T.: 7.441 min
Delta R.T.: -0.011 min
Response: 81397
Conc: 0.21 ng/ml



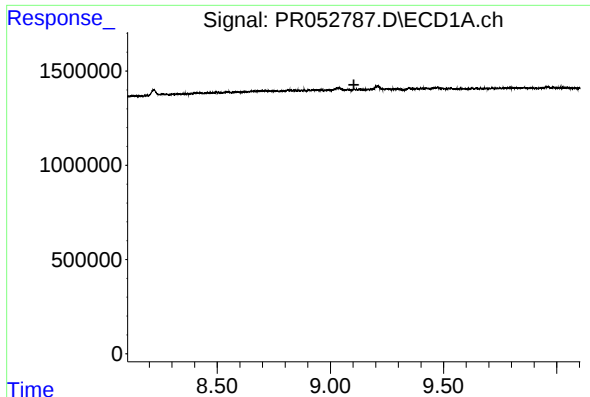
#38 AR-1262-3

R.T.: 9.035 min
Delta R.T.: 0.028 min
Response: 293916
Conc: 1.80 ng/ml



#38 AR-1262-3

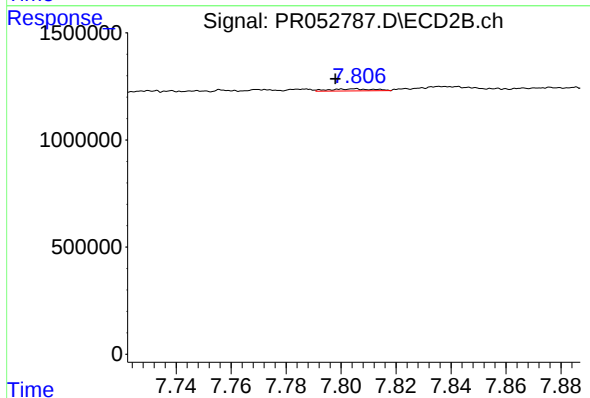
R.T.: 7.731 min
Delta R.T.: -0.004 min
Response: 155633
Conc: 0.98 ng/ml



#39 AR-1262-4

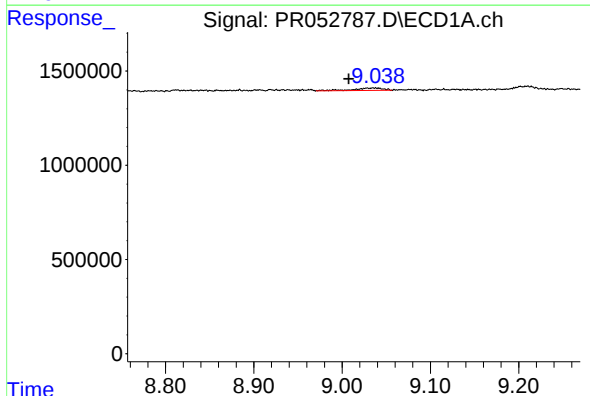
R.T.: 0.000 min
Exp R.T.: 9.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



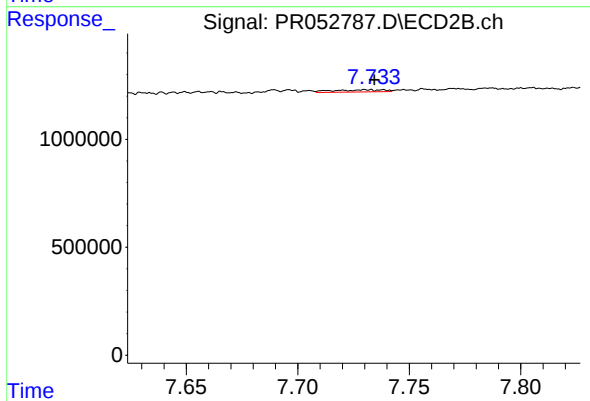
#39 AR-1262-4

R.T.: 7.805 min
Delta R.T.: 0.007 min
Response: 109377
Conc: 0.36 ng/ml



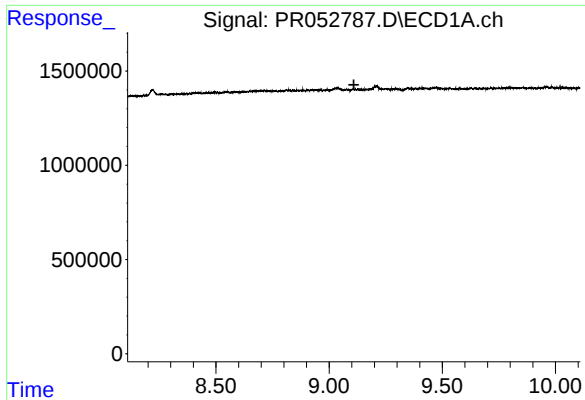
#41 AR-1268-1

R.T.: 9.035 min
Delta R.T.: 0.028 min
Response: 293916
Conc: 0.66 ng/ml



#41 AR-1268-1

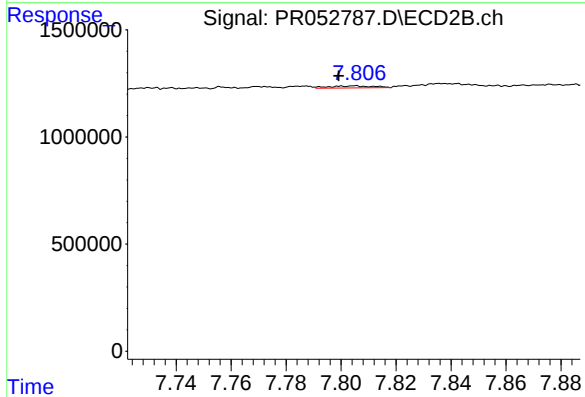
R.T.: 7.731 min
Delta R.T.: -0.004 min
Response: 155633
Conc: 0.33 ng/ml



#42 AR-1268-2

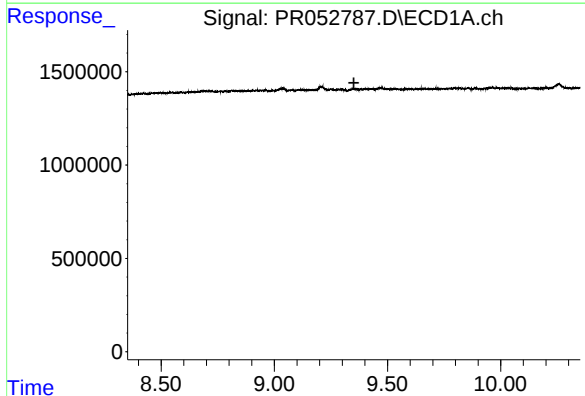
R.T.: 0.000 min
Exp R.T.: 9.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



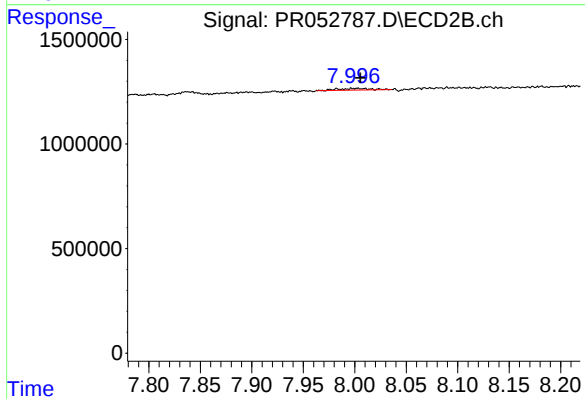
#42 AR-1268-2

R.T.: 7.805 min
Delta R.T.: 0.006 min
Response: 109377
Conc: 0.25 ng/ml



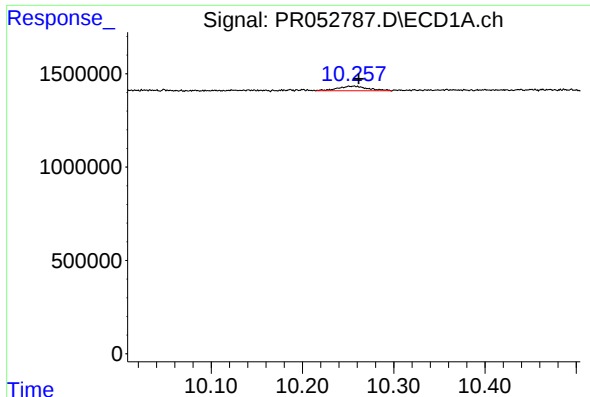
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.351 min
Response: 0
Conc: N.D.



#43 AR-1268-3

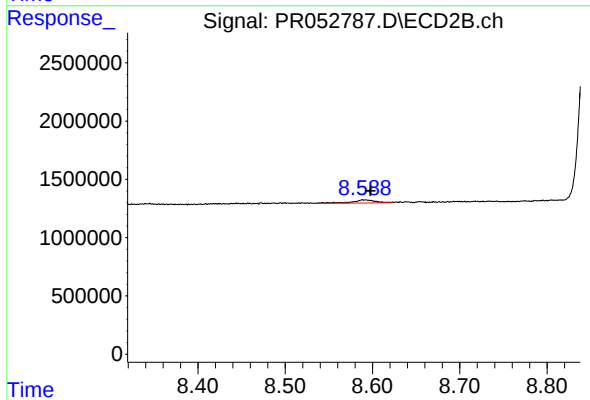
R.T.: 8.003 min
Delta R.T.: -0.002 min
Response: 170724
Conc: 0.44 ng/ml



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: -0.005 min
Response: 544475
Conc: 0.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.590 min
Delta R.T.: -0.007 min
Response: 519551
Conc: 0.42 ng/ml