

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092523\
 Data File : PR063569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 13:40
 Operator : YP\AJ
 Sample : 04472-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 21:17:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 13 07:34:49 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...	3.667	2.882	126.8E6	71838140	19.543	21.014
2)	SA Decachlor...	9.667	8.173	62730452	48798107	16.940	16.328
Target Compounds							
3)	L1 AR-1016-1	4.906	4.006	8216836	2559140	42.059	22.734 #
4)	L1 AR-1016-2	4.928	4.023	9645110	3210634	34.234	18.898 #
5)	L1 AR-1016-3	4.992	4.203	7180041	2275002	42.735	26.173 #
6)	L1 AR-1016-4	5.097	4.254	5394466	1344103	39.304	19.874 #
7)	L1 AR-1016-5	5.415	4.472	1996450	1145216	14.960	13.224
9)	L2 AR-1221-2	3.982	3.187	2476729	1018749	52.766	39.507 #
10)	L2 AR-1221-3	4.061	3.272	5223335	2952244	32.373	30.812
11)	L3 AR-1232-1	4.061	3.272	5223335	2952244	38.508	37.046
12)	L3 AR-1232-2	4.617	4.023	11242027	3210634	177.525	42.907 #
13)	L3 AR-1232-3	4.928	4.203	9645110	2275002	76.664	60.425
14)	L3 AR-1232-4	5.097	4.296	5394466	1388831	89.035	43.772 #
15)	L3 AR-1232-5	5.200	4.472	2011457	1145216	46.501	31.761 #
16)	L4 AR-1242-1	4.906	4.006	8216836	2559140	49.287	26.807 #
17)	L4 AR-1242-2	4.928	4.023	9645110	3210634	40.421	22.484 #
18)	L4 AR-1242-3	4.992	4.203	7180041	2275002	50.568	31.057 #
19)	L4 AR-1242-4	5.097	4.296	5394466	1388831	46.026	20.305 #
20)	L4 AR-1242-5	5.894	4.846	3296353	3893869	28.426	44.514 #
21)	L5 AR-1248-1	4.906	4.006	8216836	2559140	63.548	34.262 #
22)	L5 AR-1248-2	5.200	4.254	2011457	1344103	11.862	12.591
23)	L5 AR-1248-3	5.415	4.296	1996450	1388831	9.893	13.059 #
24)	L5 AR-1248-4	5.851	4.472	3512048	1145216	16.119	8.815 #
25)	L5 AR-1248-5	5.894	4.887	3296353	4292625	15.666	33.395 #
26)	L6 AR-1254-1	5.851	4.846	3512048	3893869	16.006	19.722
27)	L6 AR-1254-2	6.061	5.005	2500576	2341311	7.546	13.851 #
28)	L6 AR-1254-3	6.450	5.431	2504329	1742451	7.434	6.419
29)	L6 AR-1254-4	6.769	5.673	228647	1076315	0.987	6.416 #
30)	L6 AR-1254-5	7.250	6.127	13339656	693224	54.623	2.981 #
31)	L7 AR-1260-1	6.644	5.587	464351	896717	1.933	5.054 #
32)	L7 AR-1260-2	6.925	5.780	746986	702824	2.723	3.302
33)	L7 AR-1260-3	7.318	5.959	859929	8267	4.497	0.042 #
34)	L7 AR-1260-4	7.595	6.449	2265577	135246	10.361	0.826 #
35)	L7 AR-1260-5	7.907	6.732	4615066	1337620	10.664	3.379 #
36)	L8 AR-1262-1	7.318	6.175	859929	385644	2.823	1.525 #
37)	L8 AR-1262-2	7.907	6.732	4615066	1337620	9.003	2.916 #
38)	L8 AR-1262-3	0.000	7.032	0	1083463	N.D.	6.089 #
39)	L8 AR-1262-4	8.358f	7.090	885228	707376	3.556	2.103 #
40)	L8 AR-1262-5	8.979	7.653	1237787	457421	6.934	3.032 #
41)	L9 AR-1268-1	0.000	7.032	0	1083463	N.D.	2.007 #
42)	L9 AR-1268-2	8.358f	7.090	885228	707376	1.629	1.441

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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
43) L9	AR-1268-3	8.539	7.318	1159264	358443	2.475	0.862 #
44) L9	AR-1268-4	8.979	7.653	1237787	457421	6.185	2.699 #
45) L9	AR-1268-5	9.344	7.936	384851	65789	0.251	0.049 #

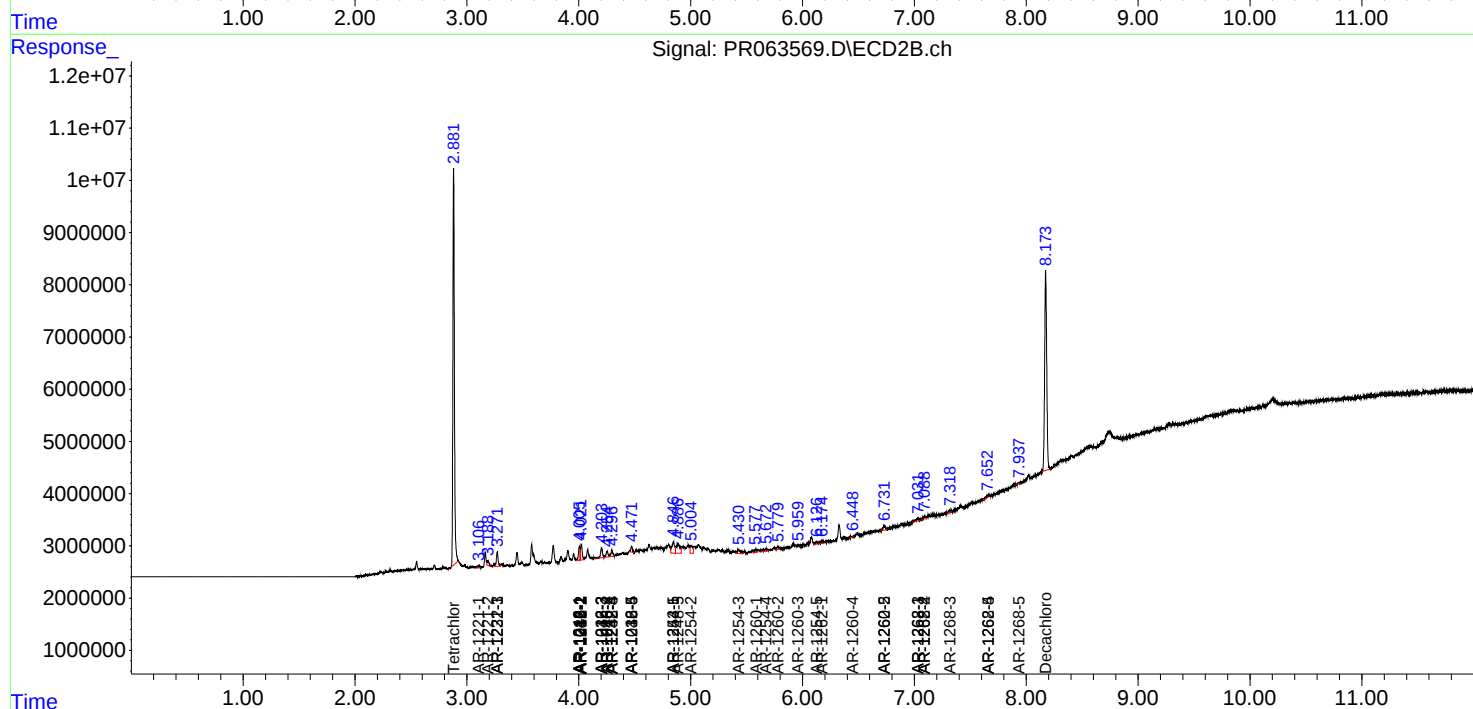
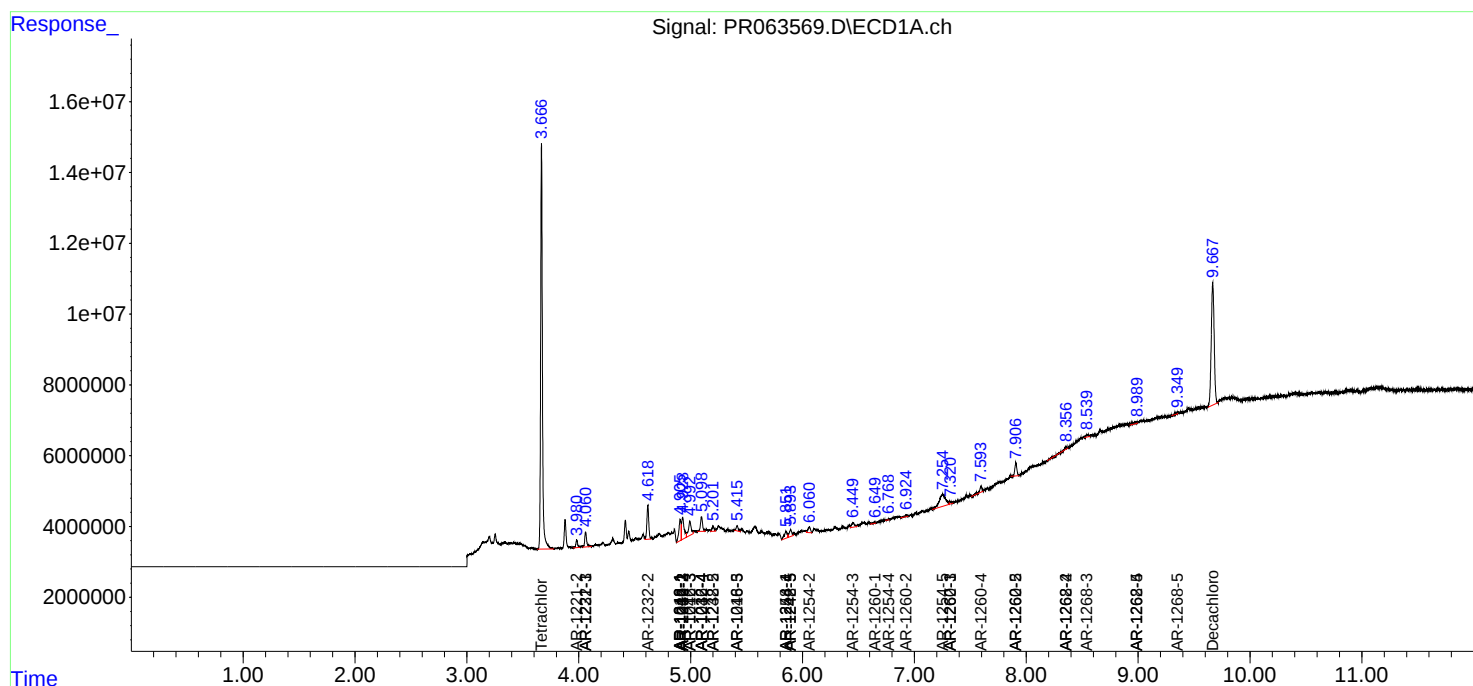
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

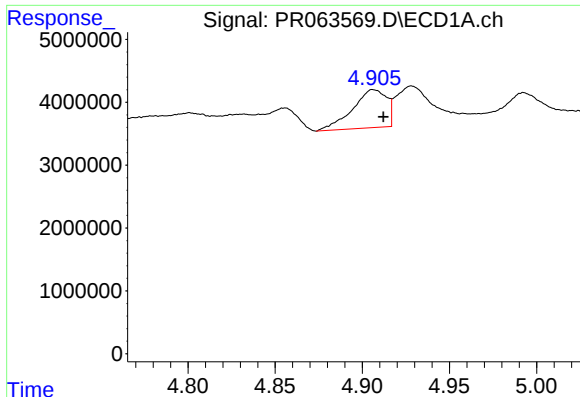
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

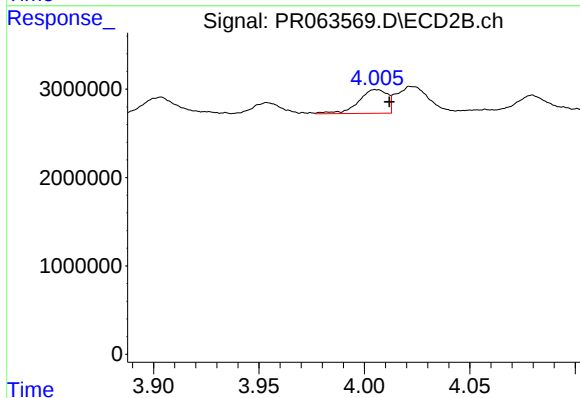




#3 AR-1016-1

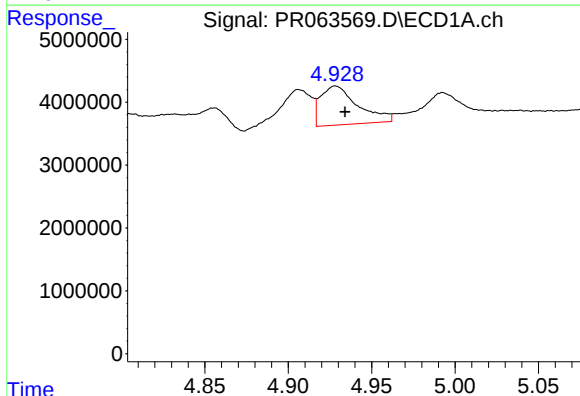
R.T.: 4.906 min
Delta R.T.: -0.006 min
Response: 8216836
Conc: 42.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



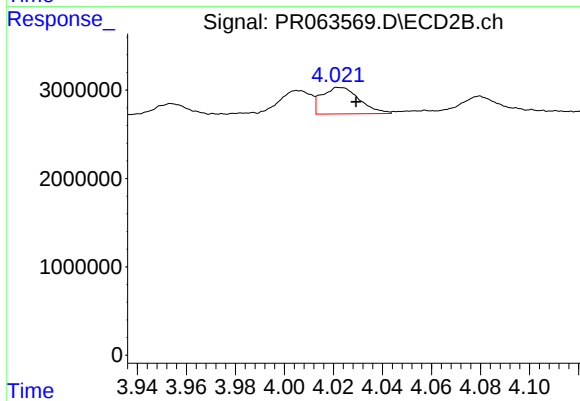
#3 AR-1016-1

R.T.: 4.006 min
Delta R.T.: -0.006 min
Response: 2559140
Conc: 22.73 ng/ml



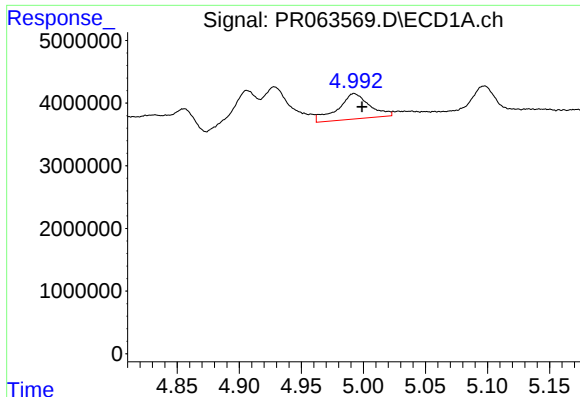
#4 AR-1016-2

R.T.: 4.928 min
Delta R.T.: -0.006 min
Response: 9645110
Conc: 34.23 ng/ml



#4 AR-1016-2

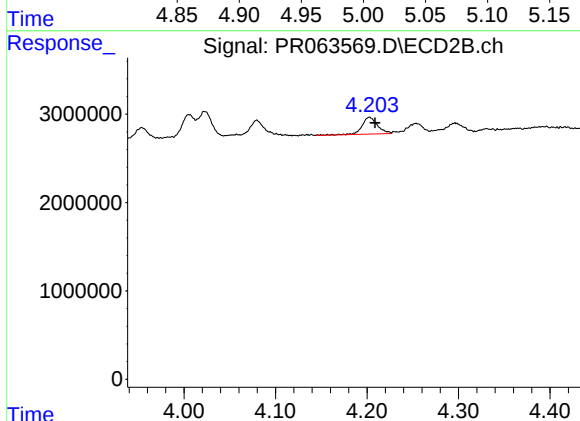
R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 3210634
Conc: 18.90 ng/ml



#5 AR-1016-3

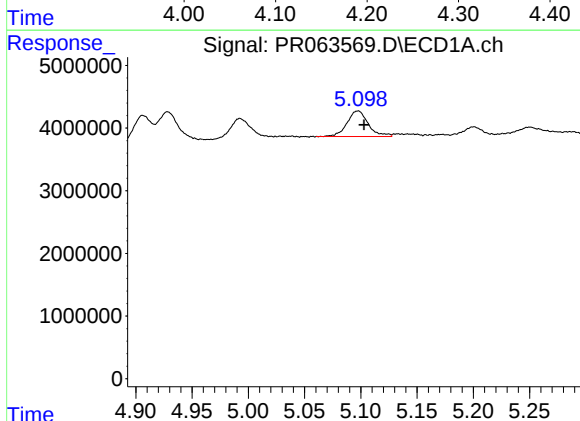
R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 7180041
Conc: 42.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



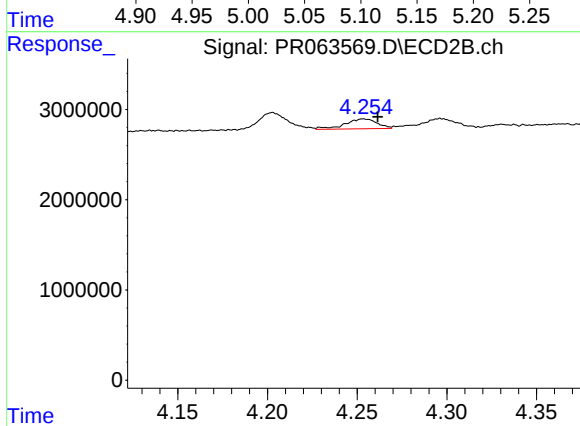
#5 AR-1016-3

R.T.: 4.203 min
Delta R.T.: -0.006 min
Response: 2275002
Conc: 26.17 ng/ml



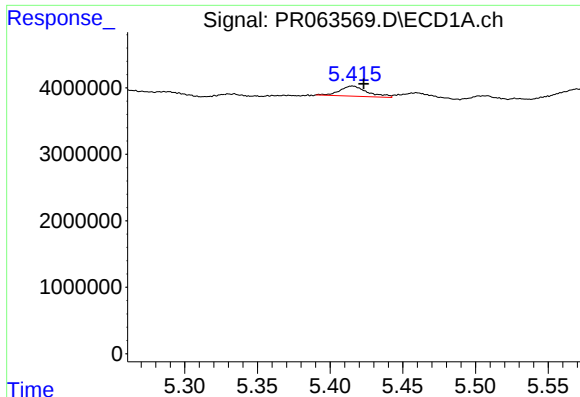
#6 AR-1016-4

R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 5394466
Conc: 39.30 ng/ml



#6 AR-1016-4

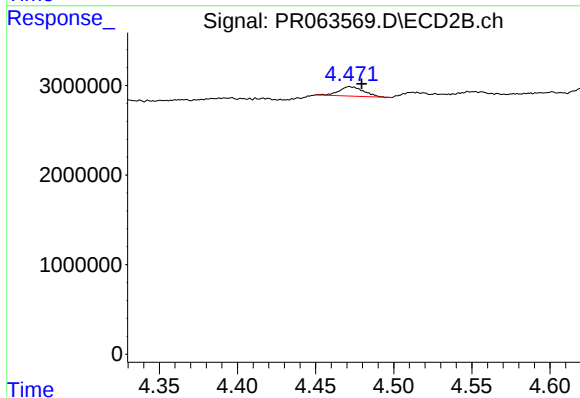
R.T.: 4.254 min
Delta R.T.: -0.008 min
Response: 1344103
Conc: 19.87 ng/ml



#7 AR-1016-5

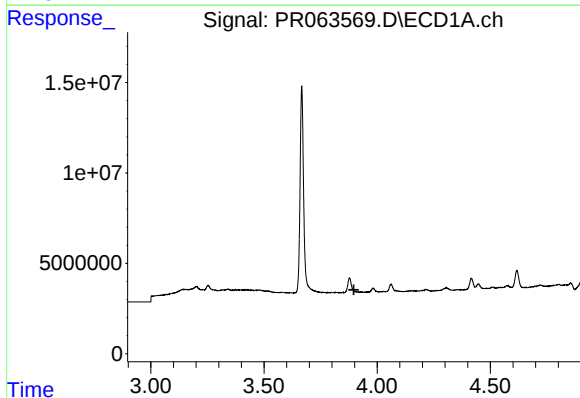
R.T.: 5.415 min
Delta R.T.: -0.008 min
Response: 1996450
Conc: 14.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



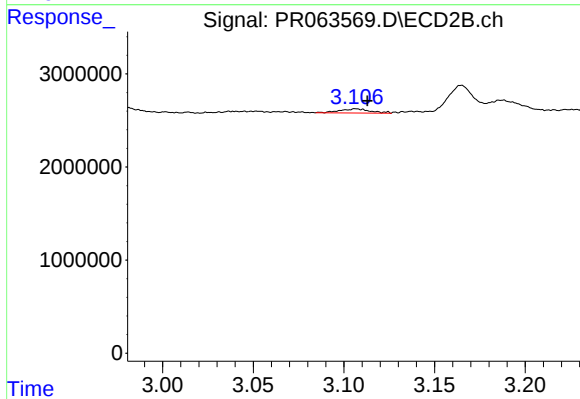
#7 AR-1016-5

R.T.: 4.472 min
Delta R.T.: -0.008 min
Response: 1145216
Conc: 13.22 ng/ml



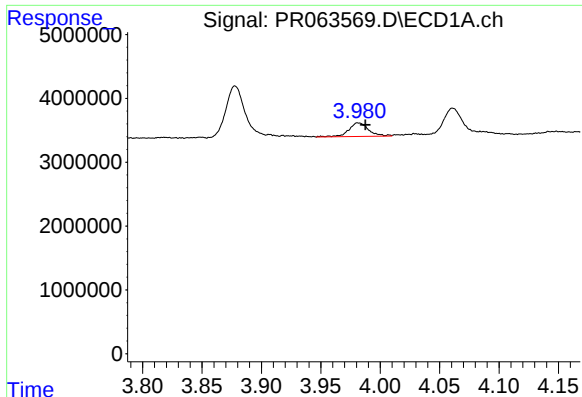
#8 AR-1221-1

R.T.: 3.878 min
Delta R.T.: -0.019 min
Response: -1410673
Conc: N.D.



#8 AR-1221-1

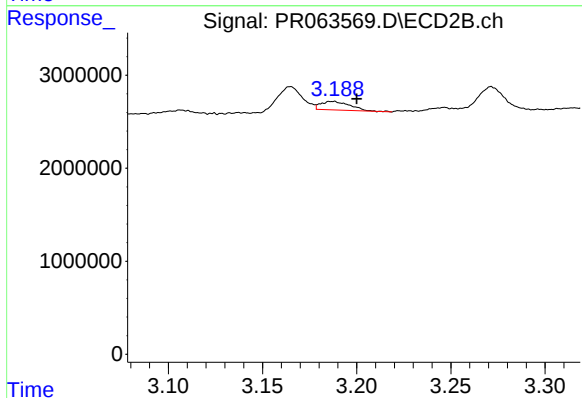
R.T.: 3.107 min
Delta R.T.: -0.006 min
Response: 507669
Conc: 13.71 ng/ml



#9 AR-1221-2

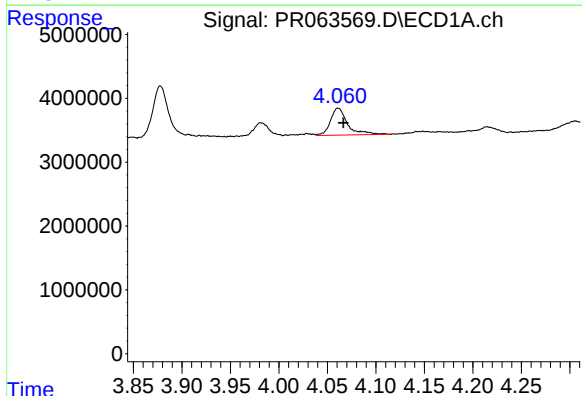
R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 2476729
Conc: 52.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



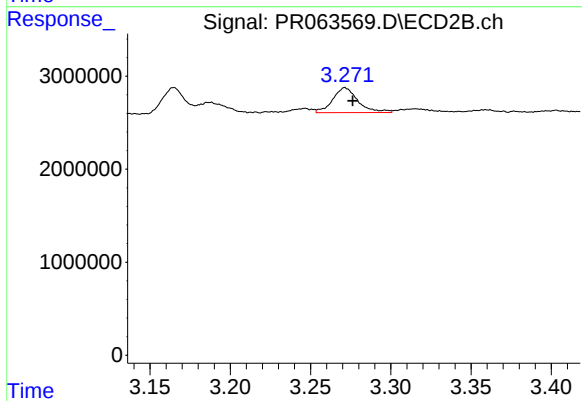
#9 AR-1221-2

R.T.: 3.187 min
Delta R.T.: -0.013 min
Response: 1018749
Conc: 39.51 ng/ml



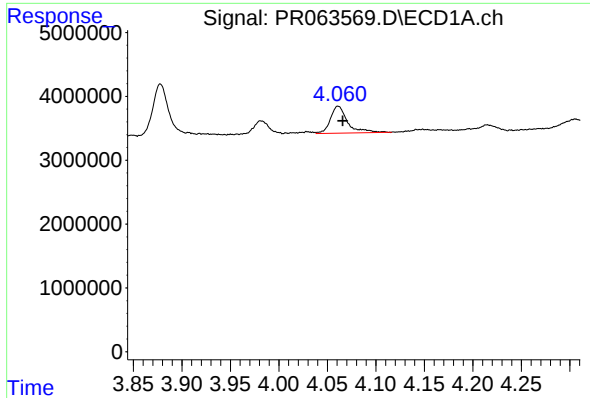
#10 AR-1221-3

R.T.: 4.061 min
Delta R.T.: -0.005 min
Response: 5223335
Conc: 32.37 ng/ml



#10 AR-1221-3

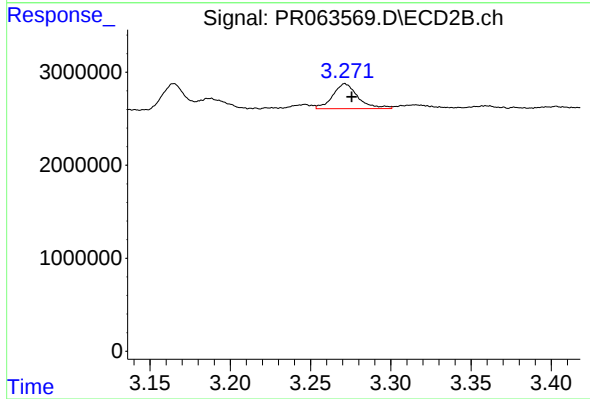
R.T.: 3.272 min
Delta R.T.: -0.005 min
Response: 2952244
Conc: 30.81 ng/ml



#11 AR-1232-1

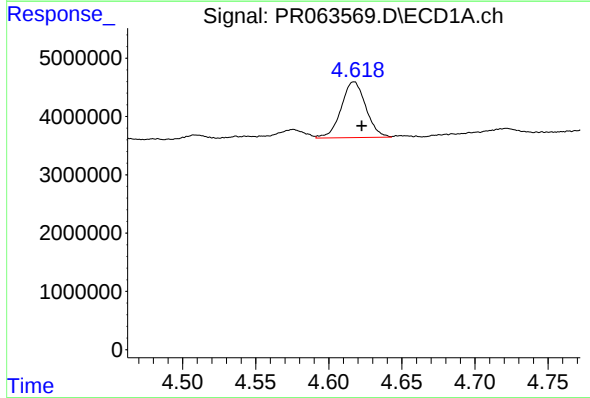
R.T.: 4.061 min
Delta R.T.: -0.005 min
Response: 5223335
Conc: 38.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



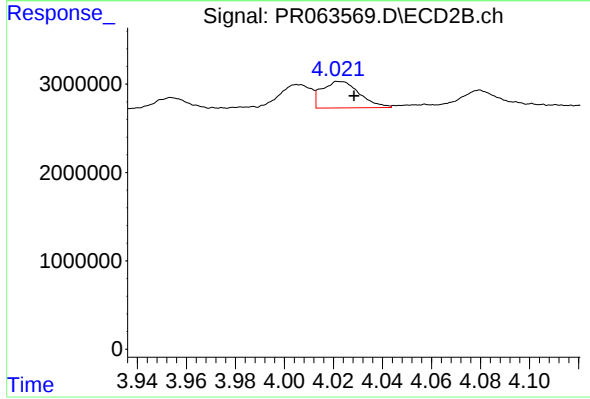
#11 AR-1232-1

R.T.: 3.272 min
Delta R.T.: -0.004 min
Response: 2952244
Conc: 37.05 ng/ml



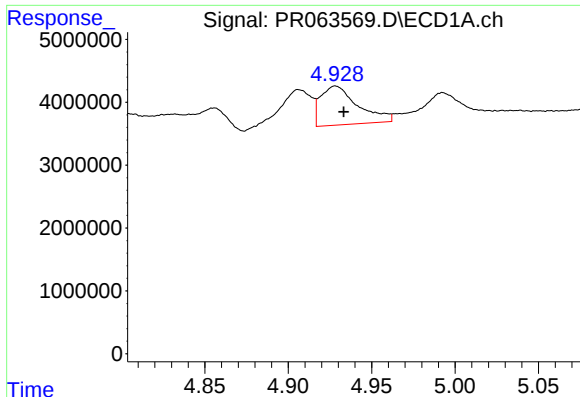
#12 AR-1232-2

R.T.: 4.617 min
Delta R.T.: -0.005 min
Response: 11242027
Conc: 177.53 ng/ml



#12 AR-1232-2

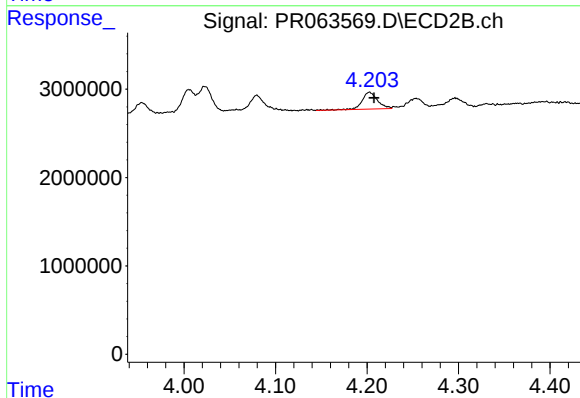
R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 3210634
Conc: 42.91 ng/ml



#13 AR-1232-3

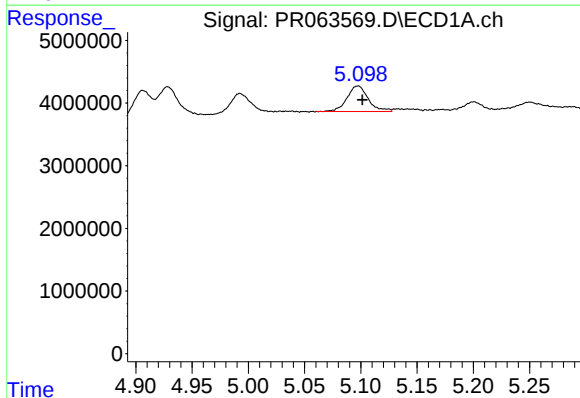
R.T.: 4.928 min
Delta R.T.: -0.005 min
Response: 9645110
Conc: 76.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



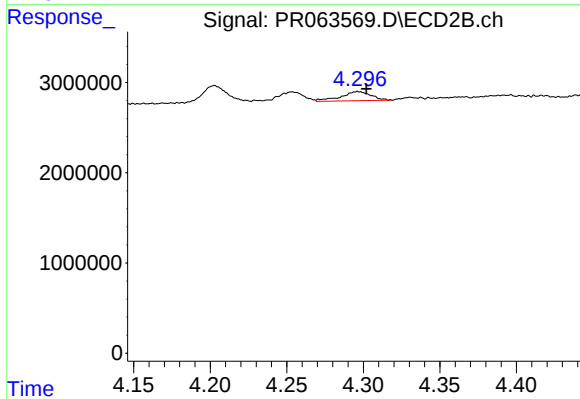
#13 AR-1232-3

R.T.: 4.203 min
Delta R.T.: -0.005 min
Response: 2275002
Conc: 60.42 ng/ml



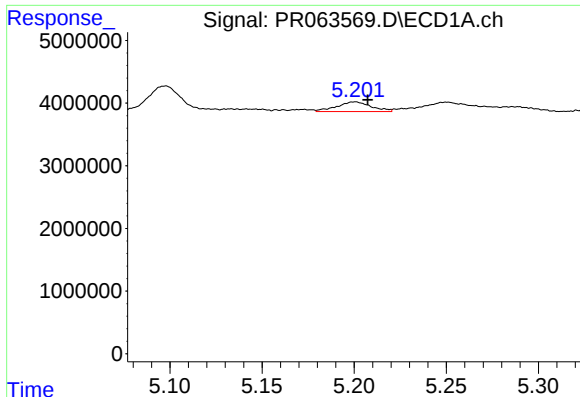
#14 AR-1232-4

R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 5394466
Conc: 89.03 ng/ml



#14 AR-1232-4

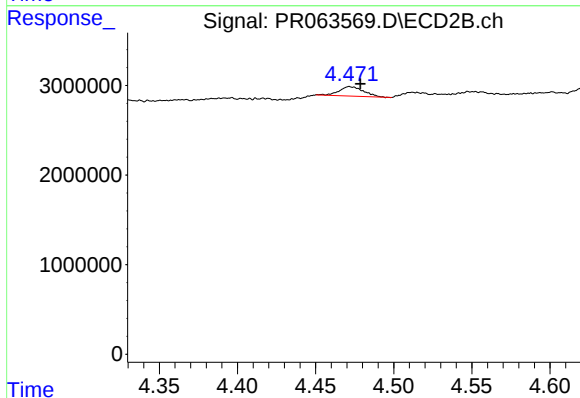
R.T.: 4.296 min
Delta R.T.: -0.006 min
Response: 1388831
Conc: 43.77 ng/ml



#15 AR-1232-5

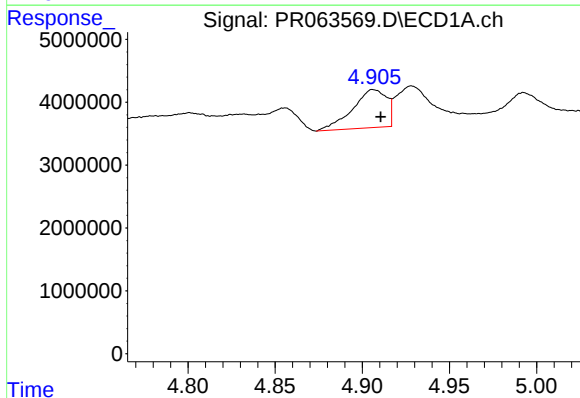
R.T.: 5.200 min
Delta R.T.: -0.007 min
Response: 2011457
Conc: 46.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



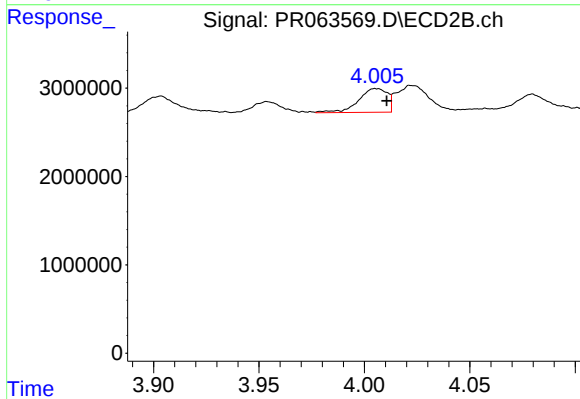
#15 AR-1232-5

R.T.: 4.472 min
Delta R.T.: -0.007 min
Response: 1145216
Conc: 31.76 ng/ml



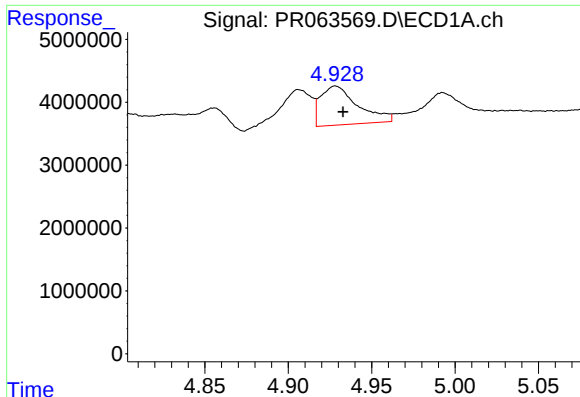
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 8216836
Conc: 49.29 ng/ml



#16 AR-1242-1

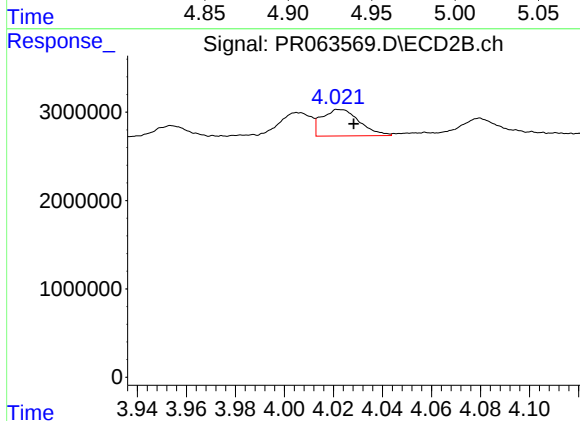
R.T.: 4.006 min
Delta R.T.: -0.005 min
Response: 2559140
Conc: 26.81 ng/ml



#17 AR-1242-2

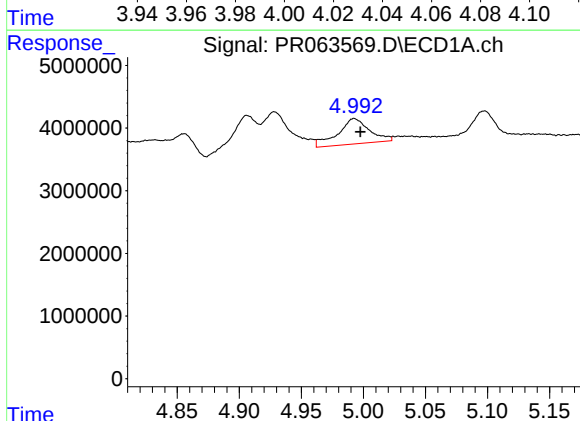
R.T.: 4.928 min
Delta R.T.: -0.004 min
Response: 9645110
Conc: 40.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



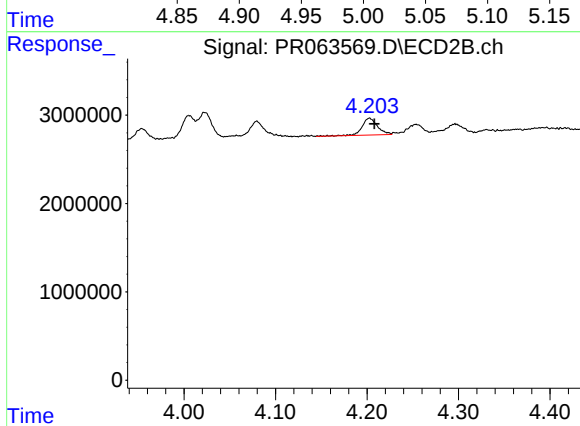
#17 AR-1242-2

R.T.: 4.023 min
Delta R.T.: -0.005 min
Response: 3210634
Conc: 22.48 ng/ml



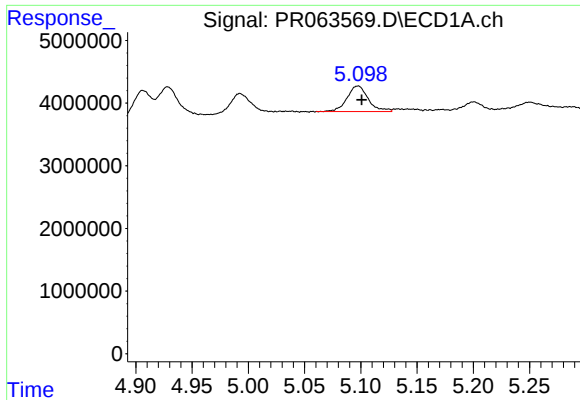
#18 AR-1242-3

R.T.: 4.992 min
Delta R.T.: -0.005 min
Response: 7180041
Conc: 50.57 ng/ml



#18 AR-1242-3

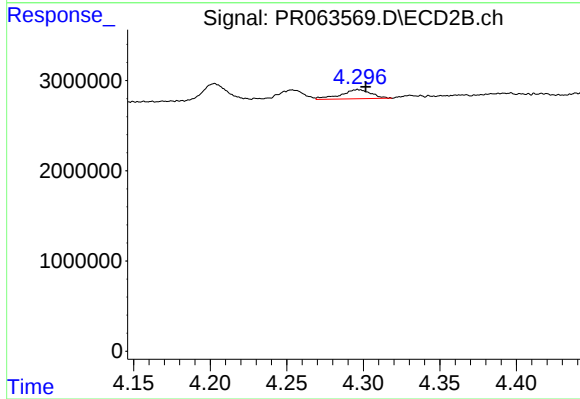
R.T.: 4.203 min
Delta R.T.: -0.005 min
Response: 2275002
Conc: 31.06 ng/ml



#19 AR-1242-4

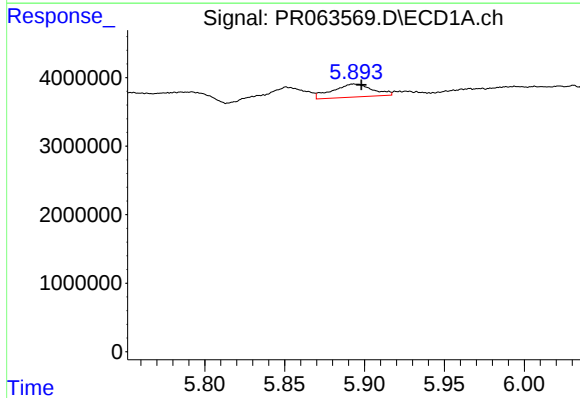
R.T.: 5.097 min
Delta R.T.: -0.003 min
Response: 5394466
Conc: 46.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



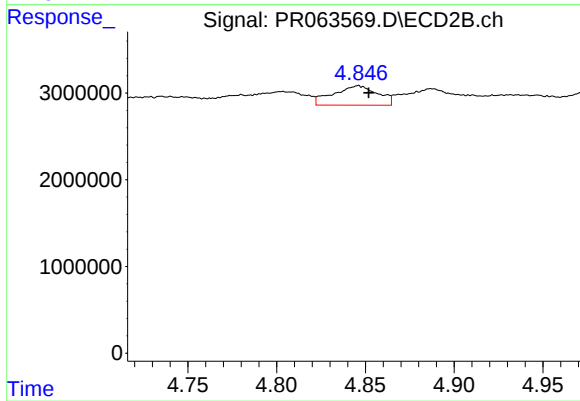
#19 AR-1242-4

R.T.: 4.296 min
Delta R.T.: -0.005 min
Response: 1388831
Conc: 20.31 ng/ml



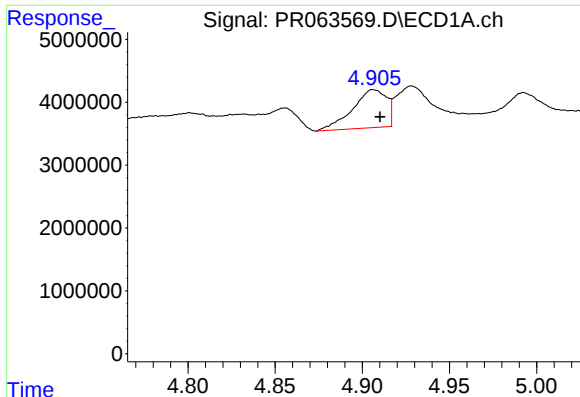
#20 AR-1242-5

R.T.: 5.894 min
Delta R.T.: -0.004 min
Response: 3296353
Conc: 28.43 ng/ml



#20 AR-1242-5

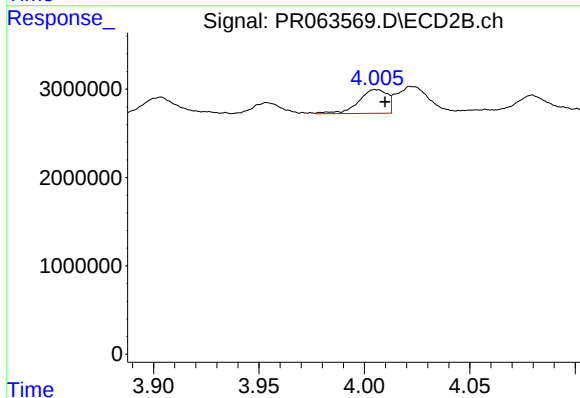
R.T.: 4.846 min
Delta R.T.: -0.006 min
Response: 3893869
Conc: 44.51 ng/ml



#21 AR-1248-1

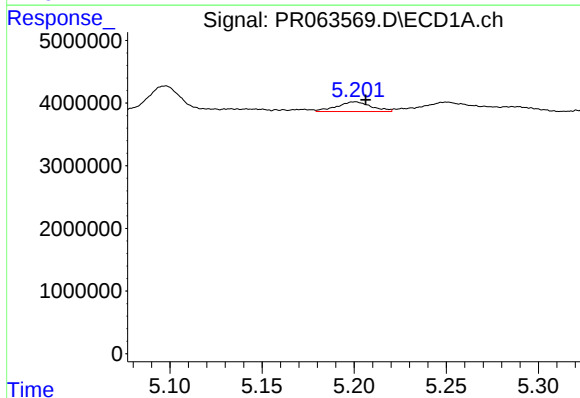
R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 8216836
Conc: 63.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



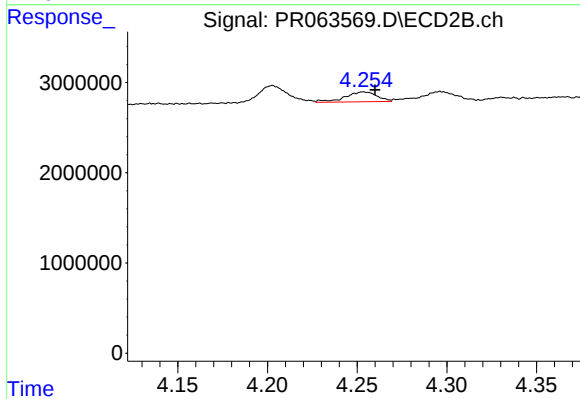
#21 AR-1248-1

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 2559140
Conc: 34.26 ng/ml



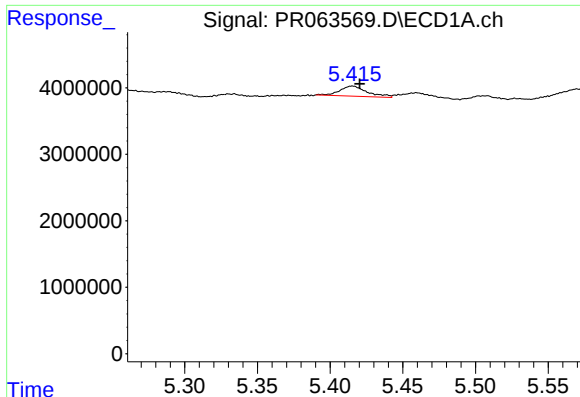
#22 AR-1248-2

R.T.: 5.200 min
Delta R.T.: -0.006 min
Response: 2011457
Conc: 11.86 ng/ml



#22 AR-1248-2

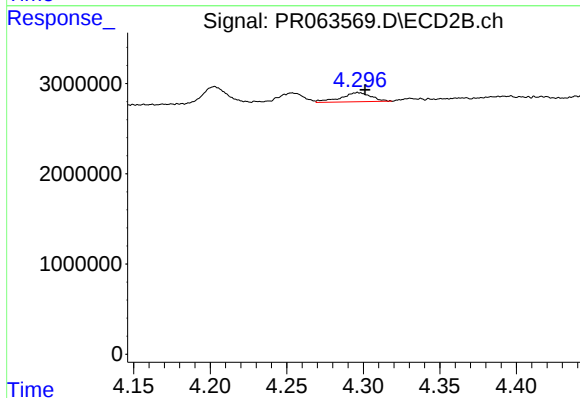
R.T.: 4.254 min
Delta R.T.: -0.006 min
Response: 1344103
Conc: 12.59 ng/ml



#23 AR-1248-3

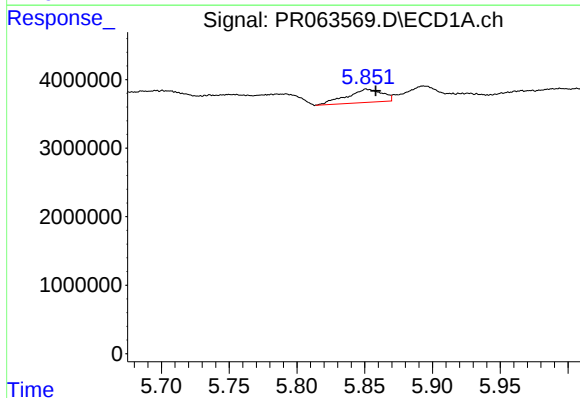
R.T.: 5.415 min
Delta R.T.: -0.005 min
Response: 1996450
Conc: 9.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



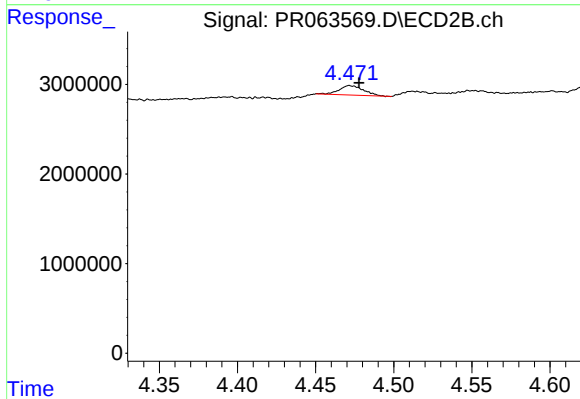
#23 AR-1248-3

R.T.: 4.296 min
Delta R.T.: -0.005 min
Response: 1388831
Conc: 13.06 ng/ml



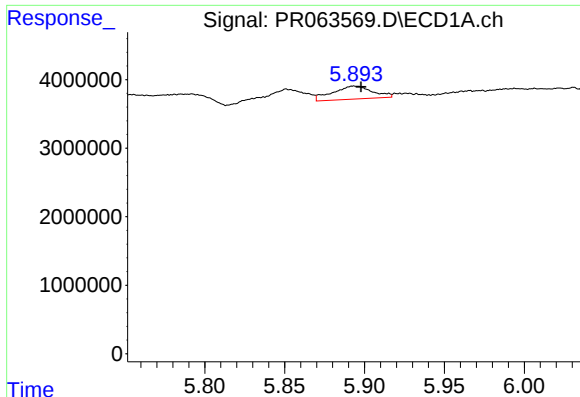
#24 AR-1248-4

R.T.: 5.851 min
Delta R.T.: -0.007 min
Response: 3512048
Conc: 16.12 ng/ml



#24 AR-1248-4

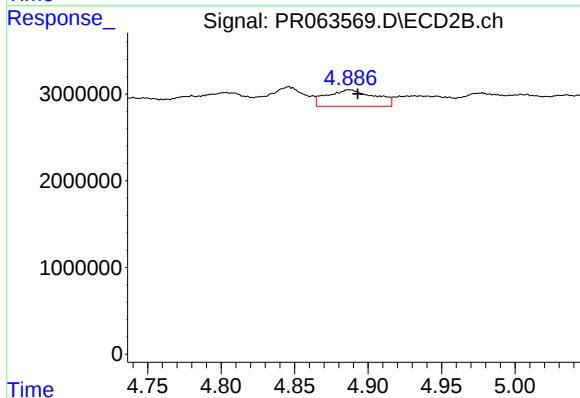
R.T.: 4.472 min
Delta R.T.: -0.006 min
Response: 1145216
Conc: 8.82 ng/ml



#25 AR-1248-5

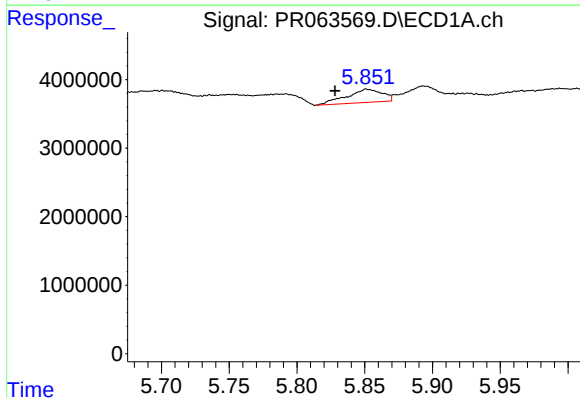
R.T.: 5.894 min
Delta R.T.: -0.004 min
Response: 3296353
Conc: 15.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



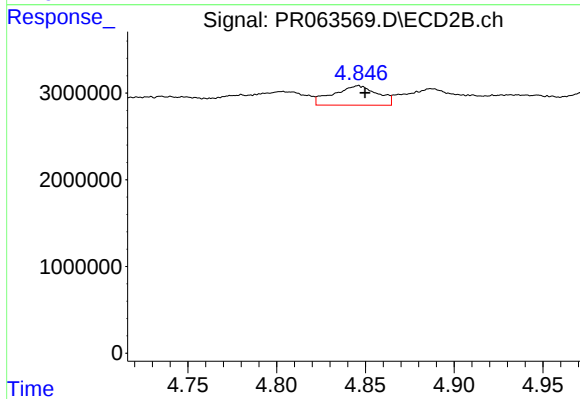
#25 AR-1248-5

R.T.: 4.887 min
Delta R.T.: -0.006 min
Response: 4292625
Conc: 33.39 ng/ml



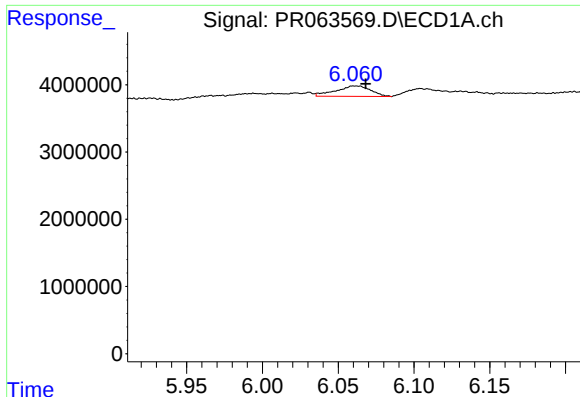
#26 AR-1254-1

R.T.: 5.851 min
Delta R.T.: 0.023 min
Response: 3512048
Conc: 16.01 ng/ml



#26 AR-1254-1

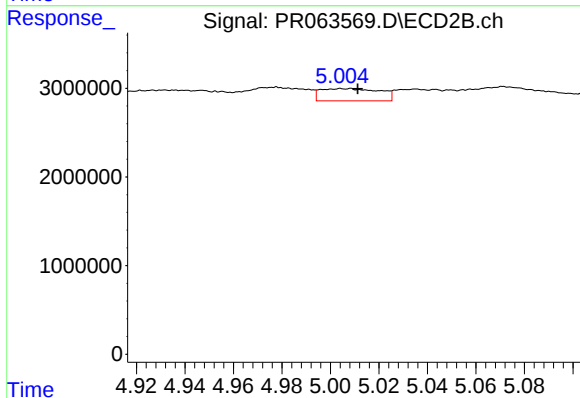
R.T.: 4.846 min
Delta R.T.: -0.004 min
Response: 3893869
Conc: 19.72 ng/ml



#27 AR-1254-2

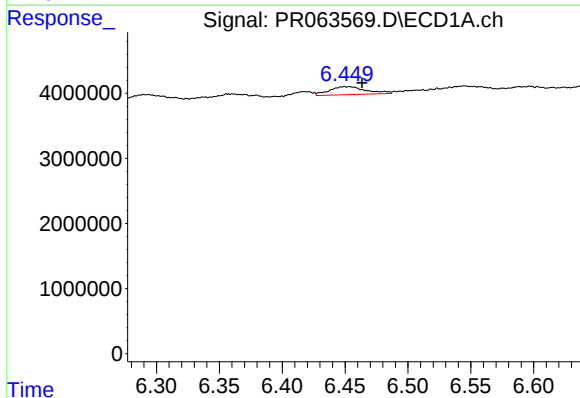
R.T.: 6.061 min
Delta R.T.: -0.008 min
Response: 2500576
Conc: 7.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



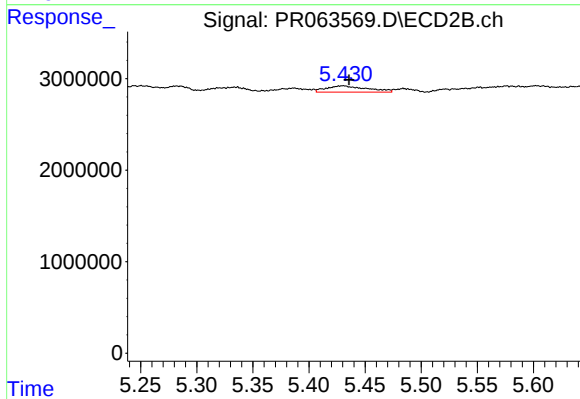
#27 AR-1254-2

R.T.: 5.005 min
Delta R.T.: -0.007 min
Response: 2341311
Conc: 13.85 ng/ml



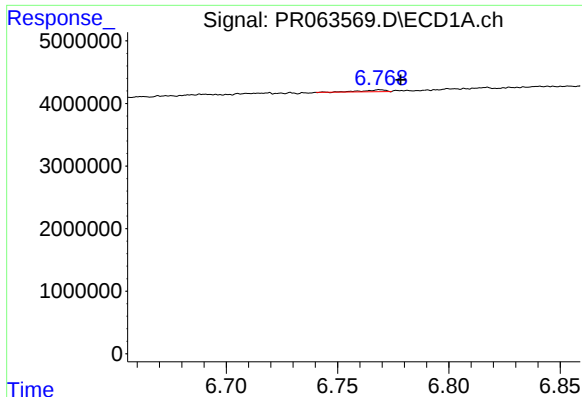
#28 AR-1254-3

R.T.: 6.450 min
Delta R.T.: -0.014 min
Response: 2504329
Conc: 7.43 ng/ml



#28 AR-1254-3

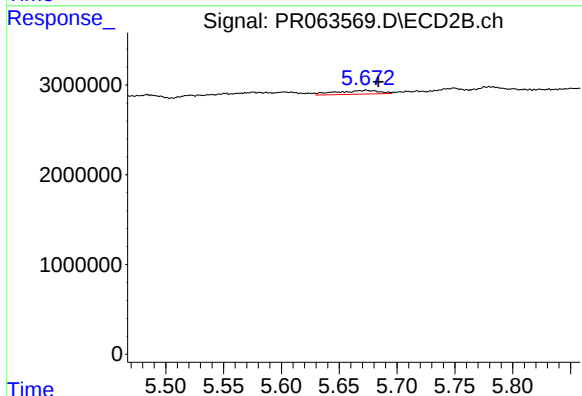
R.T.: 5.431 min
Delta R.T.: -0.005 min
Response: 1742451
Conc: 6.42 ng/ml



#29 AR-1254-4

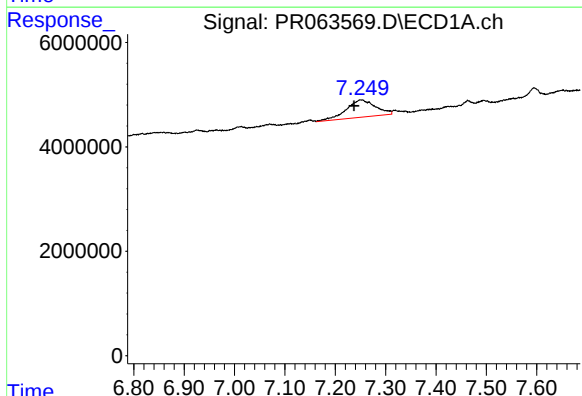
R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 228647
Conc: 0.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



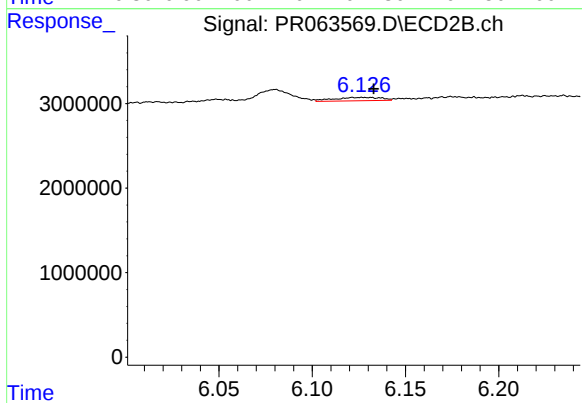
#29 AR-1254-4

R.T.: 5.673 min
Delta R.T.: -0.011 min
Response: 1076315
Conc: 6.42 ng/ml



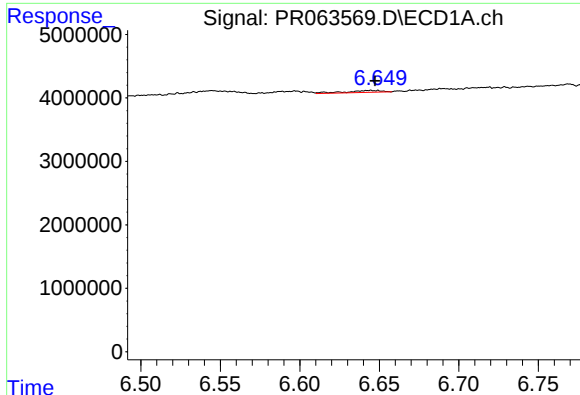
#30 AR-1254-5

R.T.: 7.250 min
Delta R.T.: 0.013 min
Response: 13339656
Conc: 54.62 ng/ml



#30 AR-1254-5

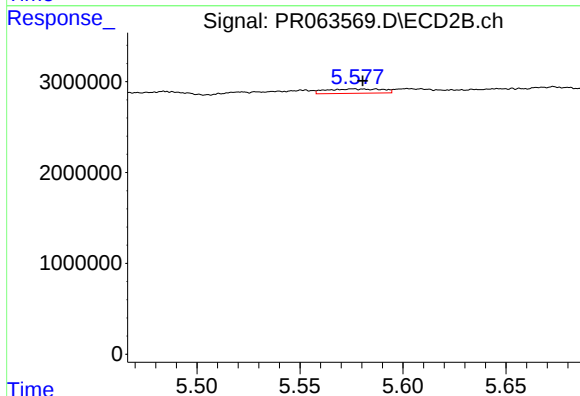
R.T.: 6.127 min
Delta R.T.: -0.006 min
Response: 693224
Conc: 2.98 ng/ml



#31 AR-1260-1

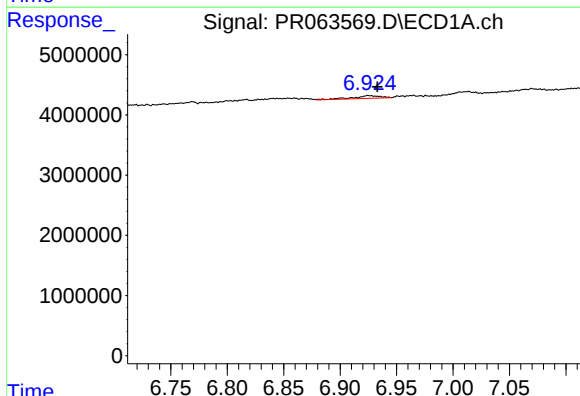
R.T.: 6.644 min
Delta R.T.: -0.003 min
Response: 464351
Conc: 1.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



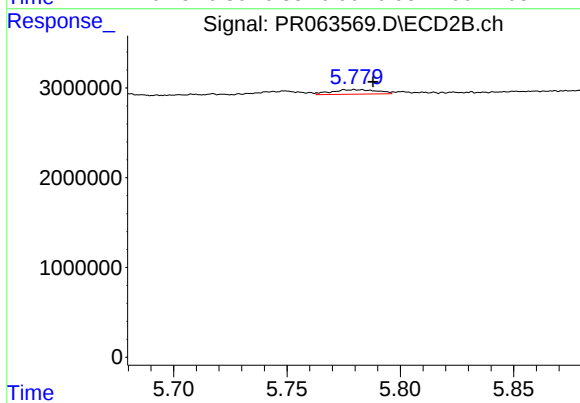
#31 AR-1260-1

R.T.: 5.587 min
Delta R.T.: 0.007 min
Response: 896717
Conc: 5.05 ng/ml



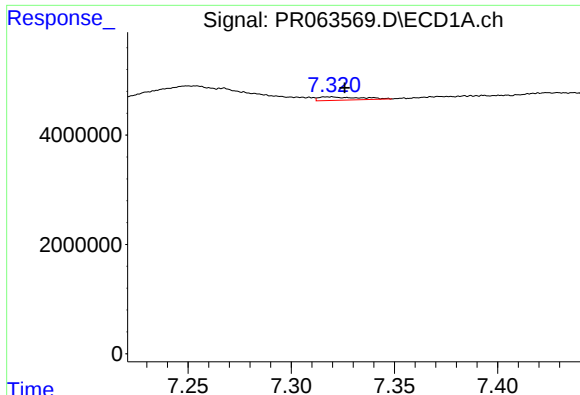
#32 AR-1260-2

R.T.: 6.925 min
Delta R.T.: -0.008 min
Response: 746986
Conc: 2.72 ng/ml



#32 AR-1260-2

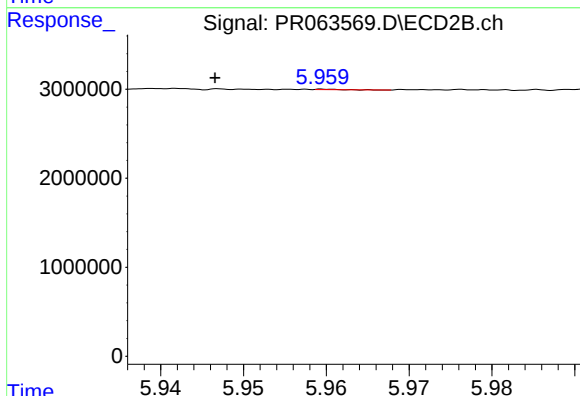
R.T.: 5.780 min
Delta R.T.: -0.008 min
Response: 702824
Conc: 3.30 ng/ml



#33 AR-1260-3

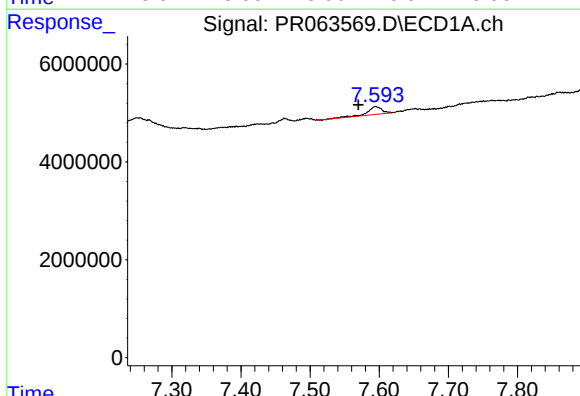
R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 859929
Conc: 4.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



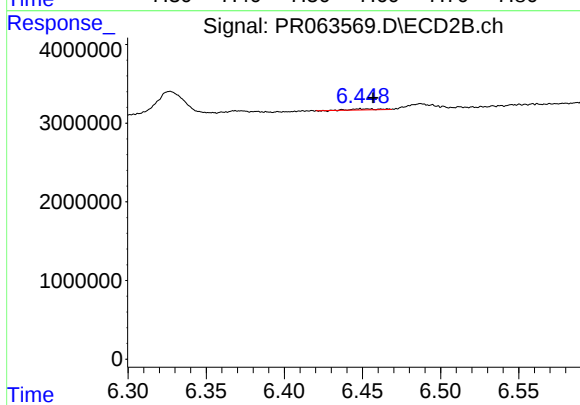
#33 AR-1260-3

R.T.: 5.959 min
Delta R.T.: 0.013 min
Response: 8267
Conc: 0.04 ng/ml



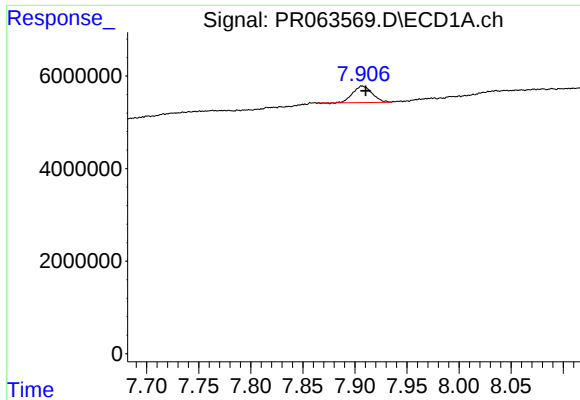
#34 AR-1260-4

R.T.: 7.595 min
Delta R.T.: 0.025 min
Response: 2265577
Conc: 10.36 ng/ml



#34 AR-1260-4

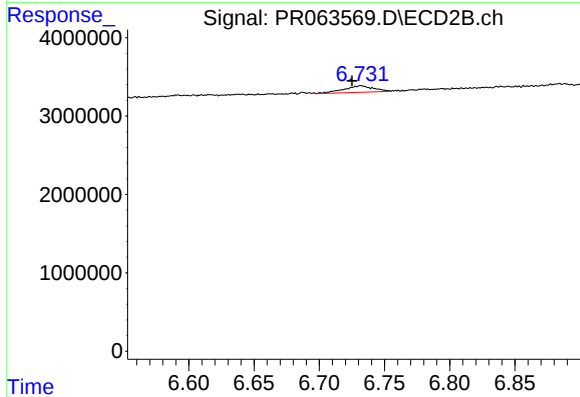
R.T.: 6.449 min
Delta R.T.: -0.008 min
Response: 135246
Conc: 0.83 ng/ml



#35 AR-1260-5

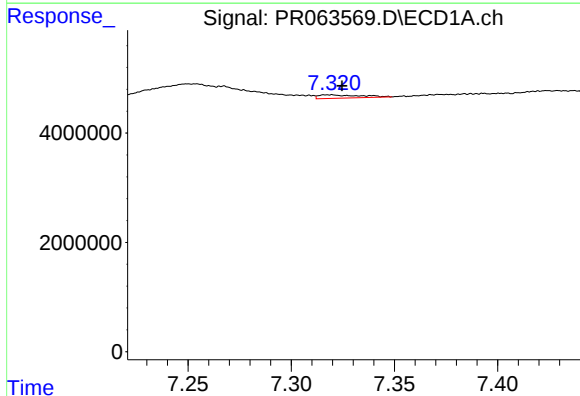
R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 4615066
Conc: 10.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



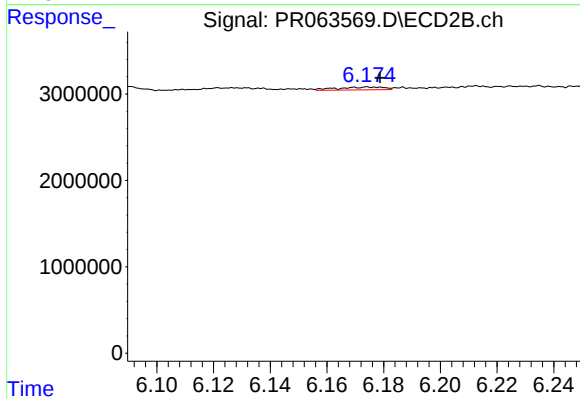
#35 AR-1260-5

R.T.: 6.732 min
Delta R.T.: 0.007 min
Response: 1337620
Conc: 3.38 ng/ml



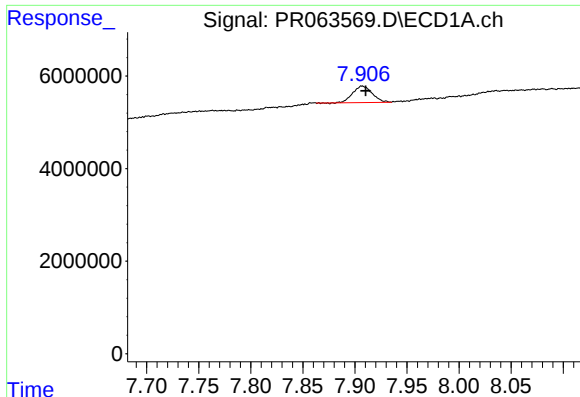
#36 AR-1262-1

R.T.: 7.318 min
Delta R.T.: -0.006 min
Response: 859929
Conc: 2.82 ng/ml



#36 AR-1262-1

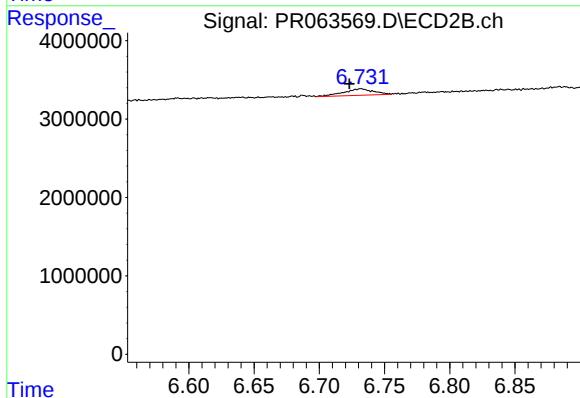
R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 385644
Conc: 1.52 ng/ml



#37 AR-1262-2

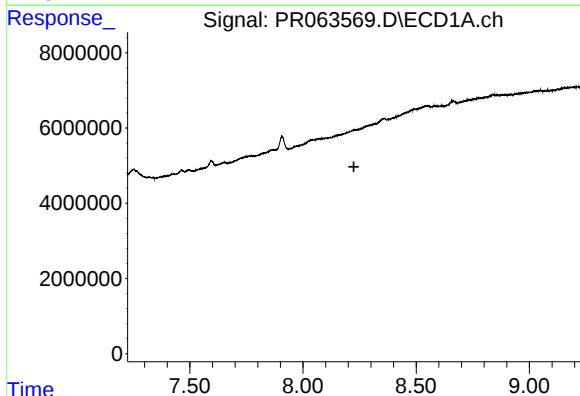
R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 4615066
Conc: 9.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



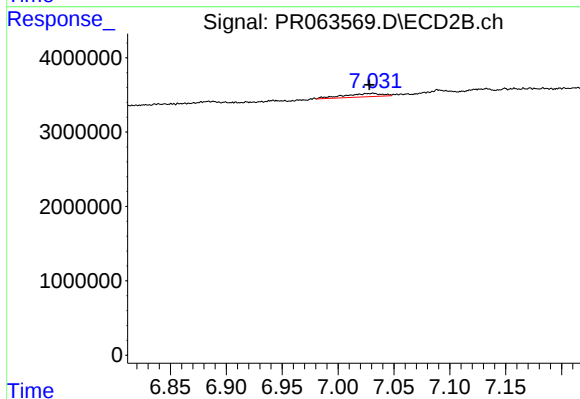
#37 AR-1262-2

R.T.: 6.732 min
Delta R.T.: 0.009 min
Response: 1337620
Conc: 2.92 ng/ml



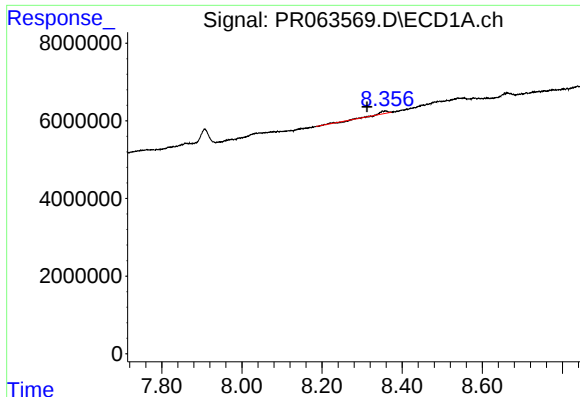
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.225 min
Response: 0
Conc: N.D.



#38 AR-1262-3

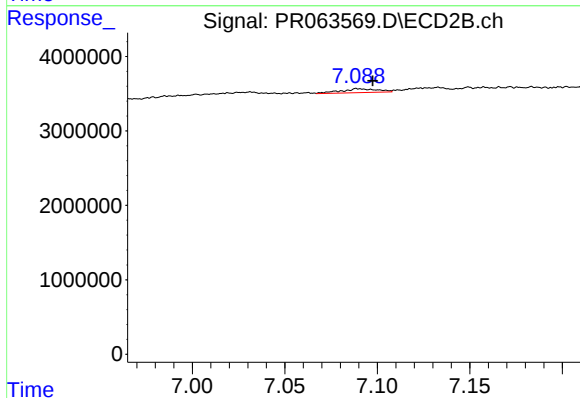
R.T.: 7.032 min
Delta R.T.: 0.004 min
Response: 1083463
Conc: 6.09 ng/ml



#39 AR-1262-4

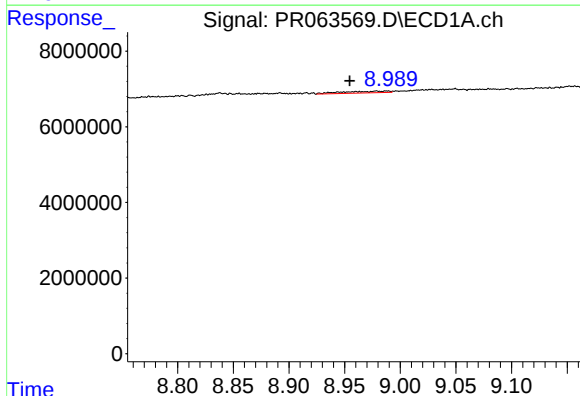
R.T.: 8.358 min
Delta R.T.: 0.046 min
Response: 885228
Conc: 3.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



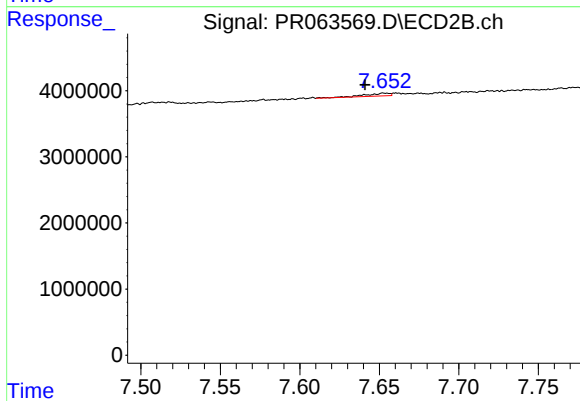
#39 AR-1262-4

R.T.: 7.090 min
Delta R.T.: -0.008 min
Response: 707376
Conc: 2.10 ng/ml



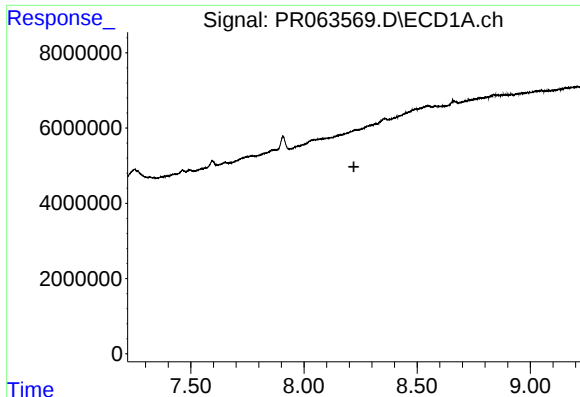
#40 AR-1262-5

R.T.: 8.979 min
Delta R.T.: 0.024 min
Response: 1237787
Conc: 6.93 ng/ml



#40 AR-1262-5

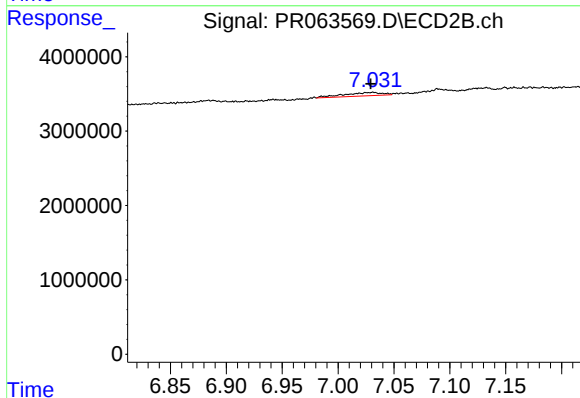
R.T.: 7.653 min
Delta R.T.: 0.012 min
Response: 457421
Conc: 3.03 ng/ml



#41 AR-1268-1

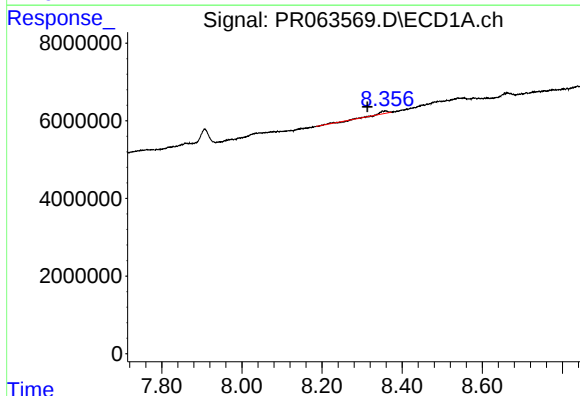
R.T.: 0.000 min
Exp R.T.: 8.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



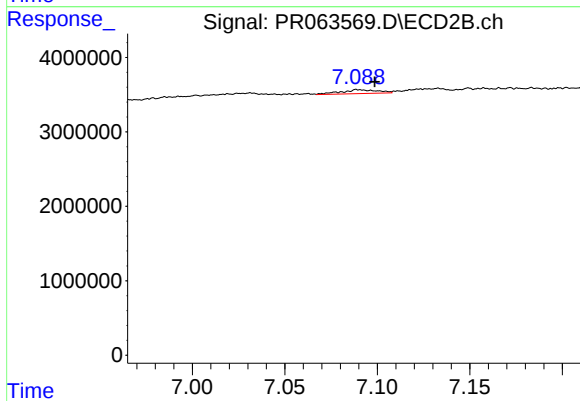
#41 AR-1268-1

R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 1083463
Conc: 2.01 ng/ml



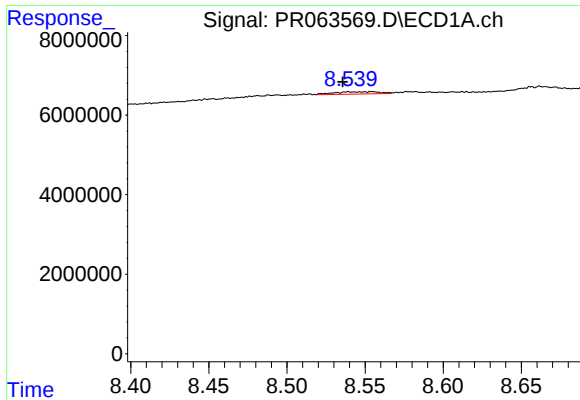
#42 AR-1268-2

R.T.: 8.358 min
Delta R.T.: 0.045 min
Response: 885228
Conc: 1.63 ng/ml



#42 AR-1268-2

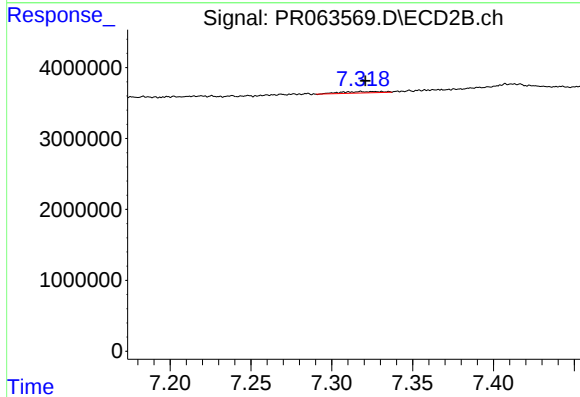
R.T.: 7.090 min
Delta R.T.: -0.009 min
Response: 707376
Conc: 1.44 ng/ml



#43 AR-1268-3

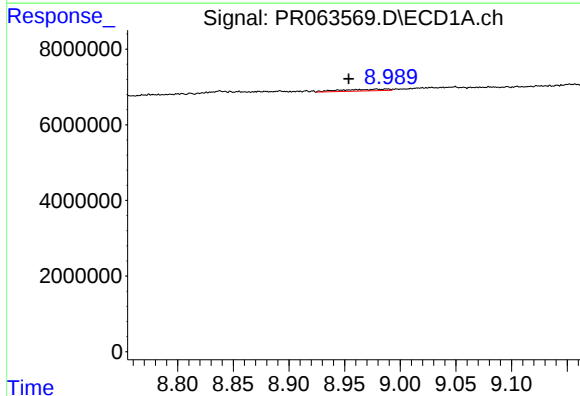
R.T.: 8.539 min
Delta R.T.: 0.004 min
Response: 1159264
Conc: 2.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



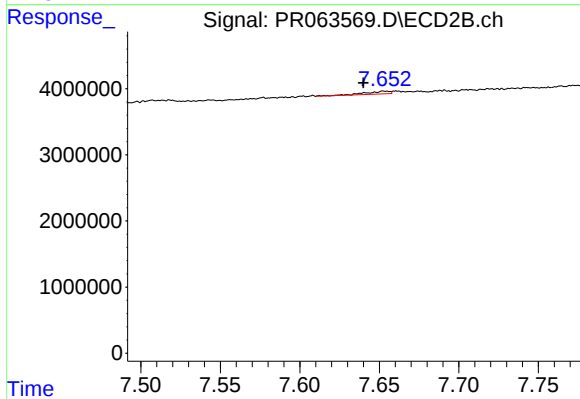
#43 AR-1268-3

R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 358443
Conc: 0.86 ng/ml



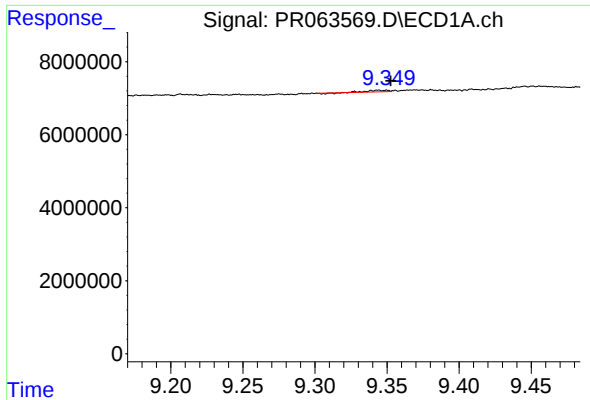
#44 AR-1268-4

R.T.: 8.979 min
Delta R.T.: 0.025 min
Response: 1237787
Conc: 6.19 ng/ml



#44 AR-1268-4

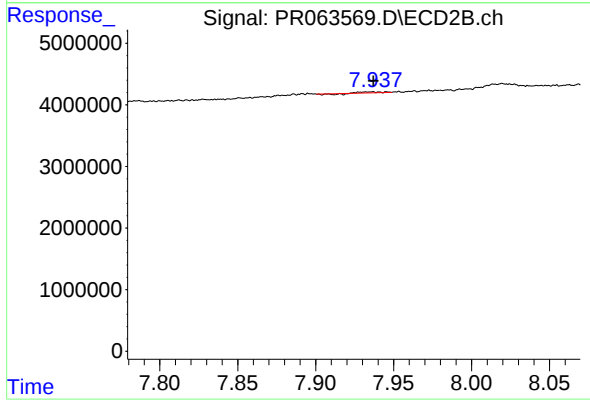
R.T.: 7.653 min
Delta R.T.: 0.013 min
Response: 457421
Conc: 2.70 ng/ml



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: -0.009 min
Response: 384851
Conc: 0.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 65789
Conc: 0.05 ng/ml