

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092923\
 Data File : PR063755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 23:49
 Operator : YP\AJ
 Sample : 04469-02
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 05:51:50 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...	3.666	2.882	115.7E6	64589289	17.830	18.893
2)	SA Decachlor...	9.661	8.168	73227522	49433136	19.774	16.541
Target Compounds							
3)	L1 AR-1016-1	4.843f	4.002	875.0E6	230.2E6	4478.771	2044.830 #
4)	L1 AR-1016-2	0.000	4.002	0	230.2E6	N.D.	1354.893 #
5)	L1 AR-1016-3	5.035f	4.201	1019.9E6	32966607	6070.461	379.262 #
6)	L1 AR-1016-4	5.098	4.247	297.3E6	34490000	2166.443	509.981 #
8)	L2 AR-1221-1	0.000	3.109	0	9249100	N.D.	249.777 #
9)	L2 AR-1221-2	0.000	3.212	0	4258841	N.D.	165.159 #
10)	L2 AR-1221-3	0.000	3.272	0	48202005	N.D.	503.076 #
11)	L3 AR-1232-1	0.000	3.272	0	48202005	N.D.	604.857 #
12)	L3 AR-1232-2	4.621	4.002	129.3E6	230.2E6	2041.972	3076.177 #
13)	L3 AR-1232-3	0.000	4.201	0	32966607	N.D.	875.603 #
14)	L3 AR-1232-4	5.098	4.310	297.3E6	72056466	4907.659	2271.017 #
15)	L3 AR-1232-5	5.222	0.000	679.6E6	0	15710.807	N.D. #
16)	L4 AR-1242-1	4.843f	4.002	875.0E6	230.2E6	5248.435	2411.174 #
17)	L4 AR-1242-2	0.000	4.002	0	230.2E6	N.D.	1611.990 #
18)	L4 AR-1242-3	5.035f	4.201	1019.9E6	32966607	7183.121	450.039 #
19)	L4 AR-1242-4	5.098	4.310	297.3E6	72056466	2537.005	1053.504 #
20)	L4 AR-1242-5	0.000	4.843	0	2009.6E6	N.D.	22972.674 #
21)	L5 AR-1248-1	4.843f	4.002	875.0E6	230.2E6	6767.081	3081.744 #
22)	L5 AR-1248-2	5.222	4.247	679.6E6	34490000	4007.523	323.093 #
23)	L5 AR-1248-3	0.000	4.310	0	72056466	N.D.	677.525 #
25)	L5 AR-1248-5	0.000	4.882	0	11111.7E6	N.D.	86444.261 #
26)	L6 AR-1254-1	0.000	4.843	0	2009.6E6	N.D.	10178.193 #
28)	L6 AR-1254-3	6.455	0.000	12105640	0	35.934	N.D. #
29)	L6 AR-1254-4	6.769	5.675	7097464	568572	30.624	3.389 #
30)	L6 AR-1254-5	7.229	6.124	30662956	22237662	125.559	95.625
31)	L7 AR-1260-1	6.637	5.569	16692930	8307546	69.482	46.827 #
32)	L7 AR-1260-2	6.924	5.778	19602921	11462635	71.465	53.848
33)	L7 AR-1260-3	7.316	5.935	13099256	12555632	68.503	63.036
34)	L7 AR-1260-4	7.559	6.446	9627783	9250053	44.031	56.490 #
35)	L7 AR-1260-5	7.902	6.714	32168800	23773867	74.332	60.058
36)	L8 AR-1262-1	7.316	6.170	13099256	8757656	42.996	34.631
37)	L8 AR-1262-2	7.902	6.714	32168800	23773867	62.754	51.835
38)	L8 AR-1262-3	8.221	7.021	17704484	4349875	53.012	24.447 #
39)	L8 AR-1262-4	8.285	7.086	9970278	18107696	40.056	53.831 #
40)	L8 AR-1262-5	8.943	7.630	11064790	5021455	61.985	33.281 #
41)	L9 AR-1268-1	8.221	7.021	17704484	4349875	29.489	8.059 #
42)	L9 AR-1268-2	8.285	7.086	9970278	18107696	18.348	36.898 #
43)	L9 AR-1268-3	8.536	7.309	4248604	1003836	9.072	2.415 #
44)	L9 AR-1268-4	8.943	7.630	11064790	5021455	55.291	29.633 #

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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
45) L9	AR-1268-5	9.340	7.926	2690831	1591328	1.752	1.185 #

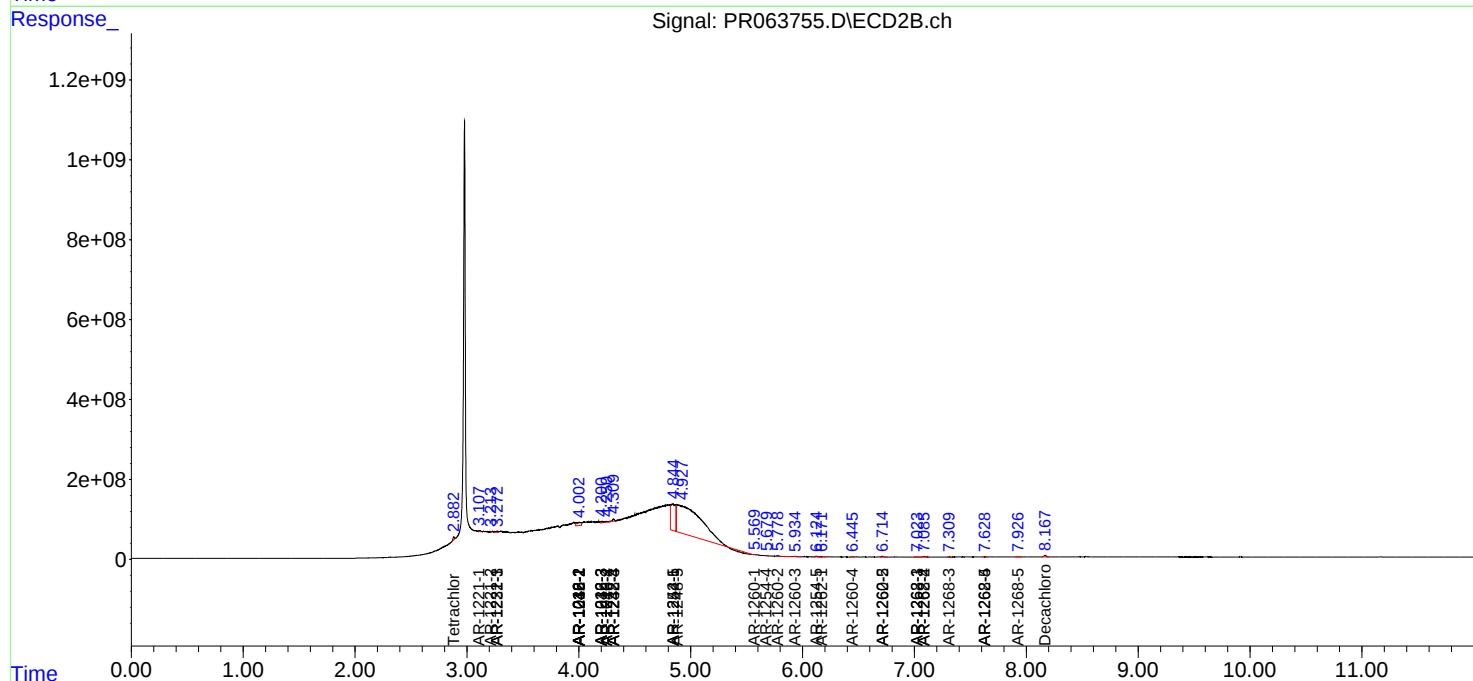
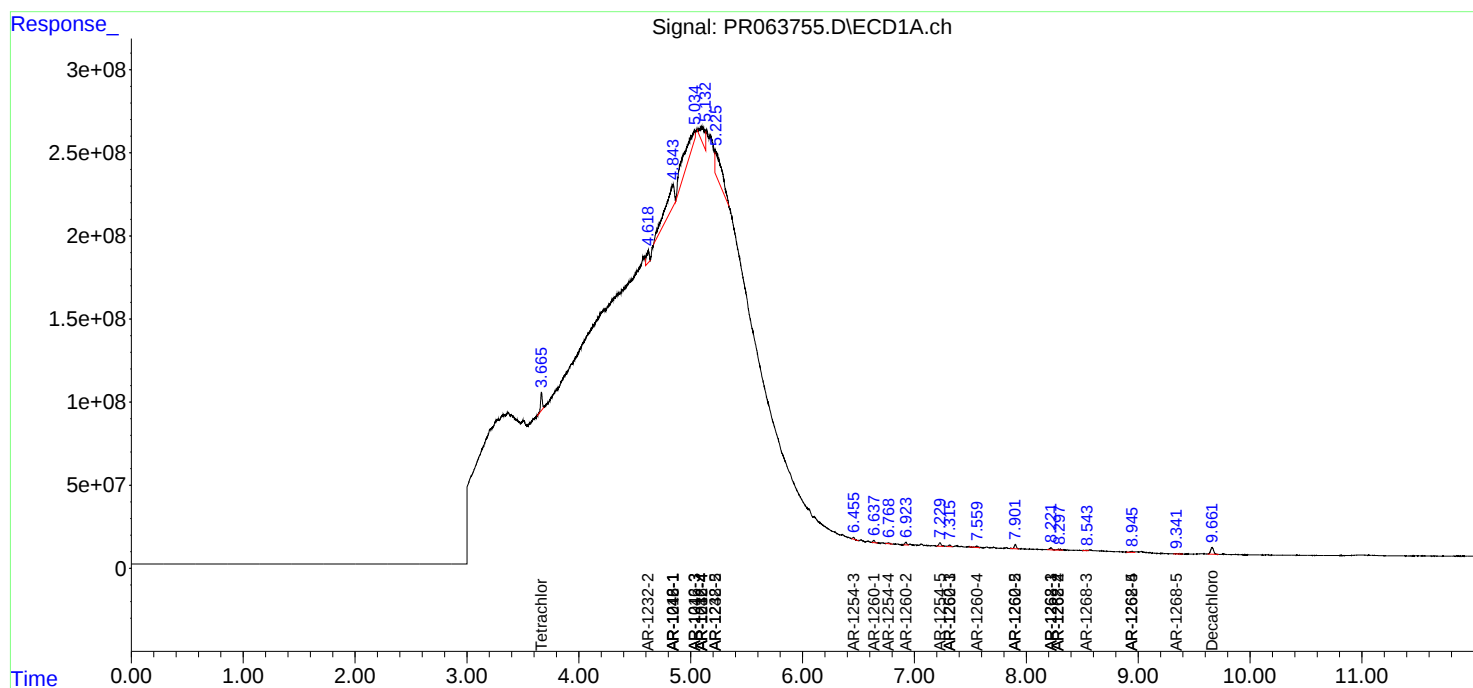
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

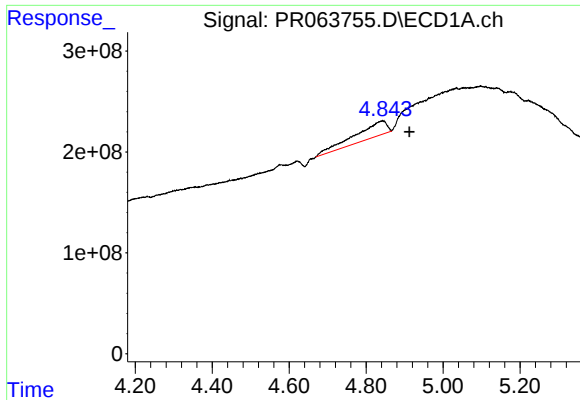
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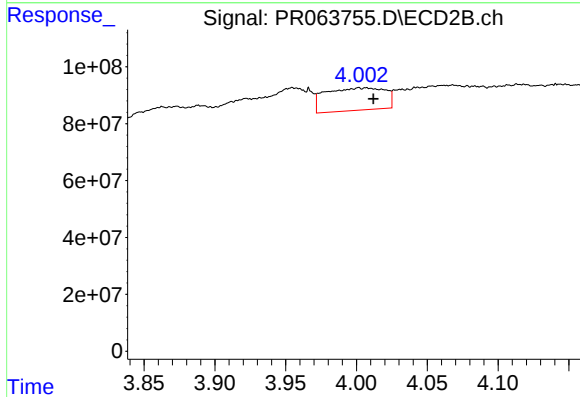




#3 AR-1016-1

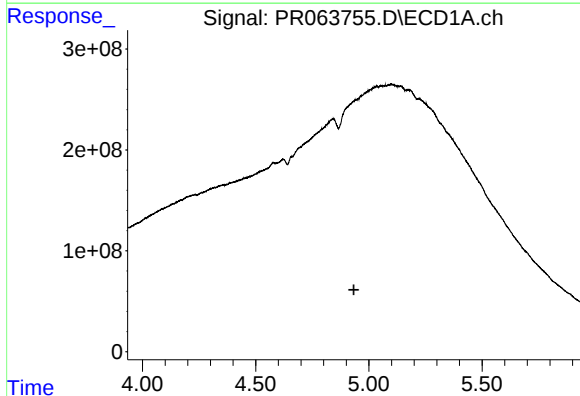
R.T.: 4.843 min
Delta R.T.: -0.069 min
Response: 874986457
Conc: 4478.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



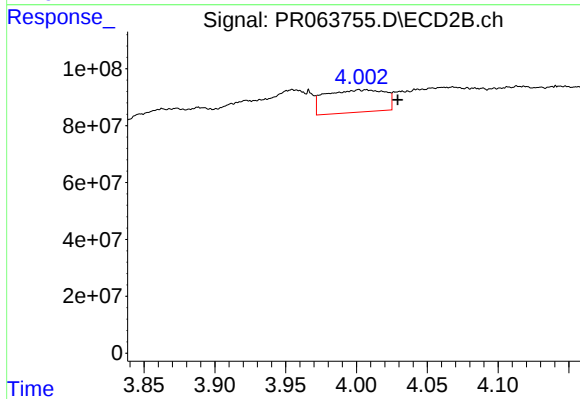
#3 AR-1016-1

R.T.: 4.002 min
Delta R.T.: -0.010 min
Response: 230185636
Conc: 2044.83 ng/ml



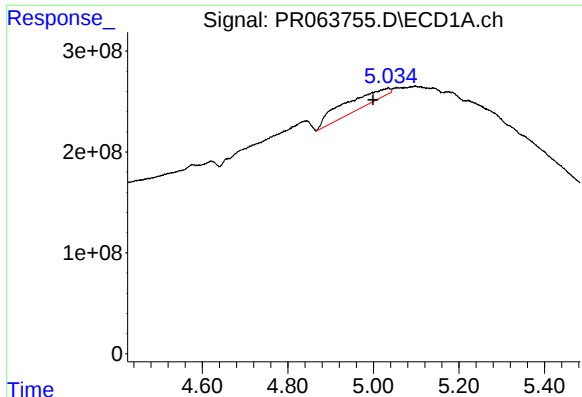
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.934 min
Response: 0
Conc: N.D.



#4 AR-1016-2

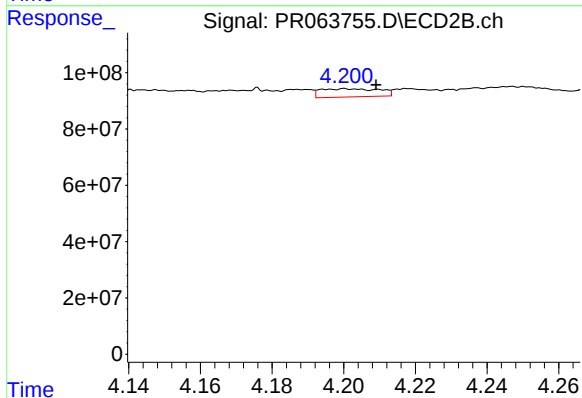
R.T.: 4.002 min
Delta R.T.: -0.027 min
Response: 230185636
Conc: 1354.89 ng/ml



#5 AR-1016-3

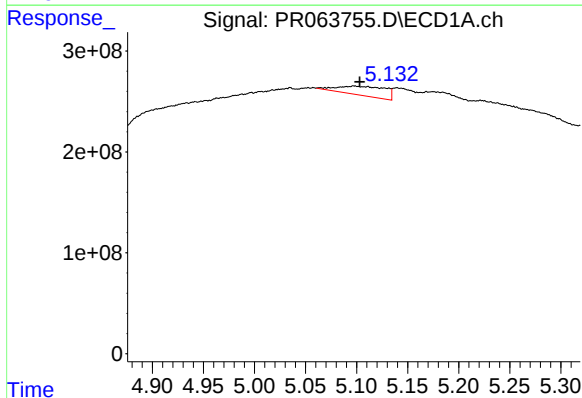
R.T.: 5.035 min
Delta R.T.: 0.036 min
Response: 1019906450
Conc: 6070.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



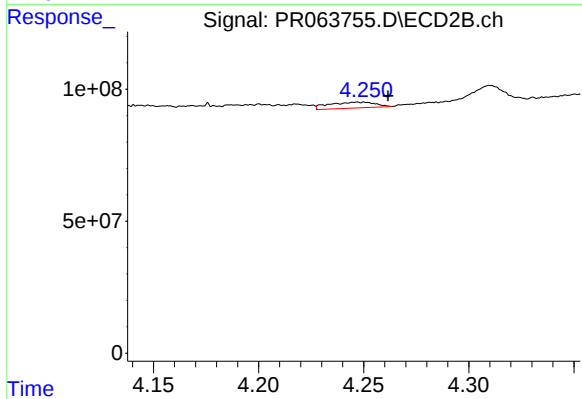
#5 AR-1016-3

R.T.: 4.201 min
Delta R.T.: -0.008 min
Response: 32966607
Conc: 379.26 ng/ml



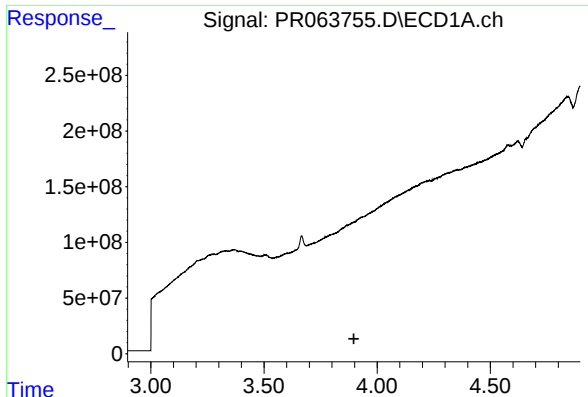
#6 AR-1016-4

R.T.: 5.098 min
Delta R.T.: -0.005 min
Response: 297346095
Conc: 2166.44 ng/ml



#6 AR-1016-4

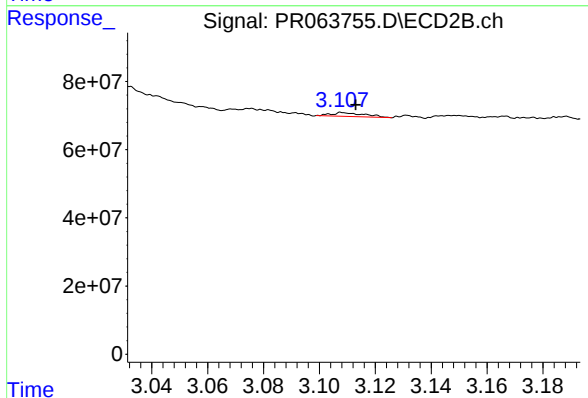
R.T.: 4.247 min
Delta R.T.: -0.014 min
Response: 34490000
Conc: 509.98 ng/ml



#8 AR-1221-1

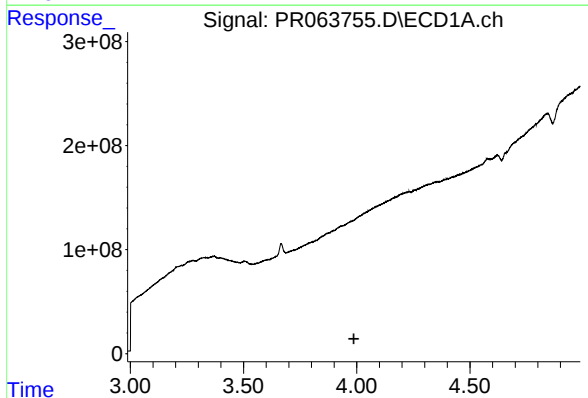
R.T.: 0.000 min
Exp R.T.: 3.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



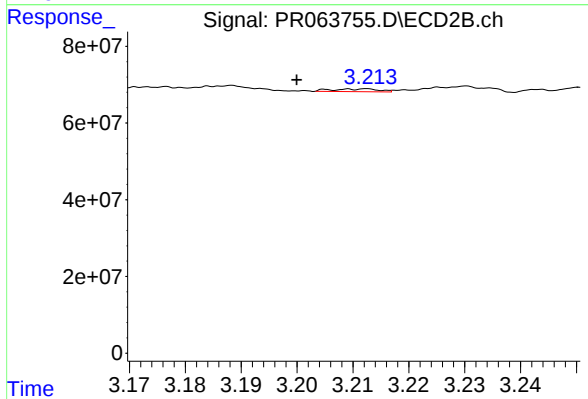
#8 AR-1221-1

R.T.: 3.109 min
Delta R.T.: -0.004 min
Response: 9249100
Conc: 249.78 ng/ml



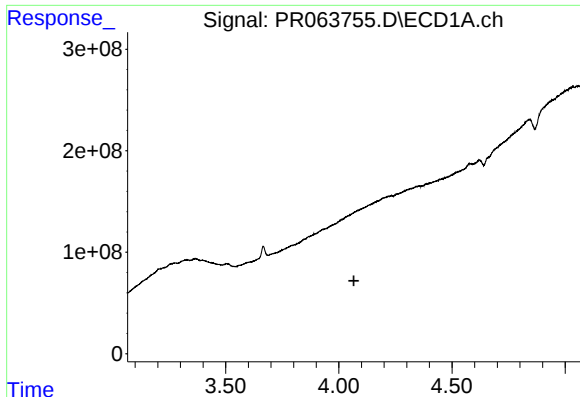
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 3.987 min
Response: 0
Conc: N.D.



#9 AR-1221-2

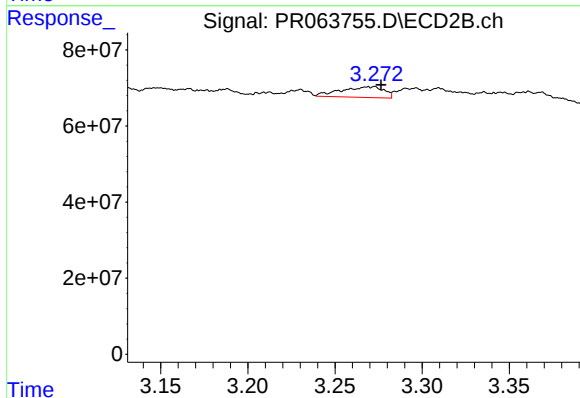
R.T.: 3.212 min
Delta R.T.: 0.012 min
Response: 4258841
Conc: 165.16 ng/ml



#10 AR-1221-3

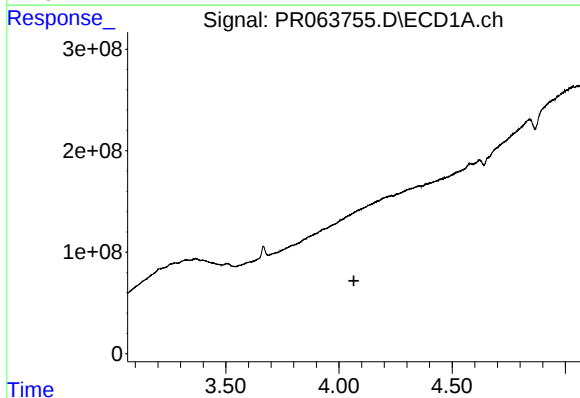
R.T.: 0.000 min
Exp R.T.: 4.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



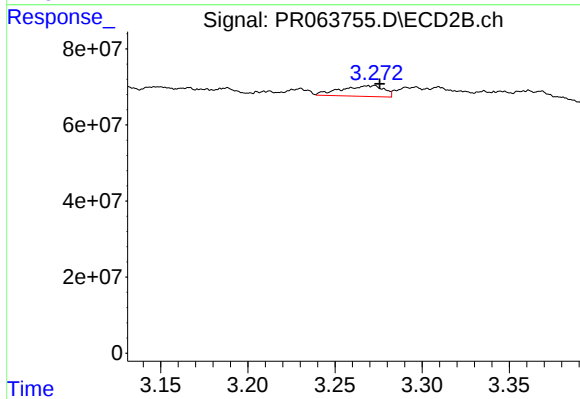
#10 AR-1221-3

R.T.: 3.272 min
Delta R.T.: -0.004 min
Response: 48202005
Conc: 503.08 ng/ml



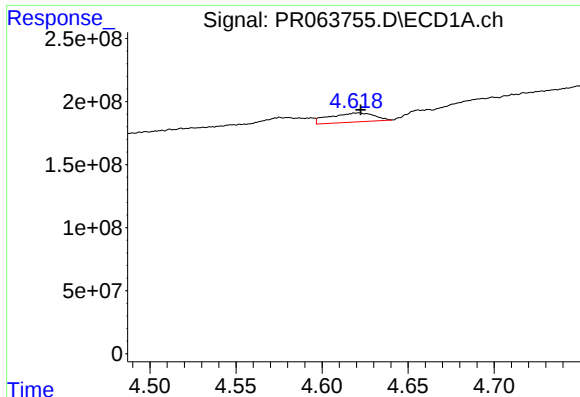
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.066 min
Response: 0
Conc: N.D.



#11 AR-1232-1

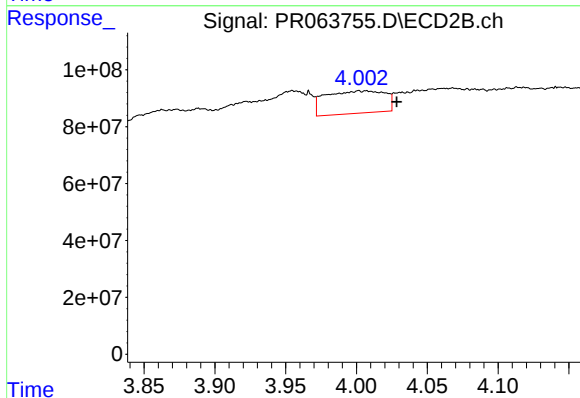
R.T.: 3.272 min
Delta R.T.: -0.004 min
Response: 48202005
Conc: 604.86 ng/ml



#12 AR-1232-2

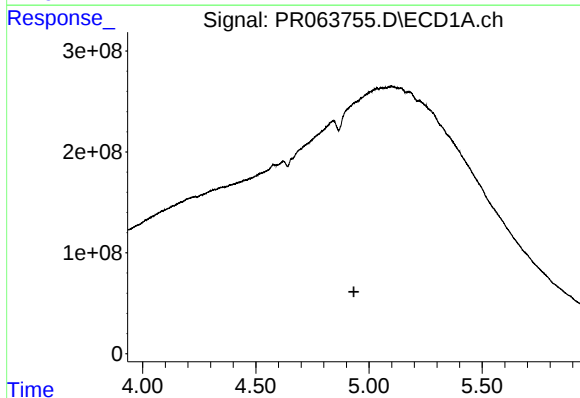
R.T.: 4.621 min
Delta R.T.: -0.002 min
Response: 129310664
Conc: 2041.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



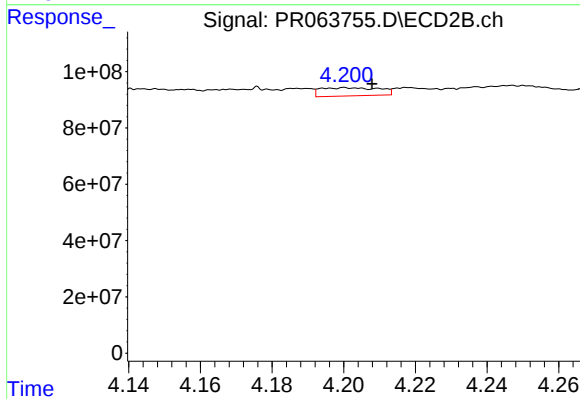
#12 AR-1232-2

R.T.: 4.002 min
Delta R.T.: -0.027 min
Response: 230185636
Conc: 3076.18 ng/ml



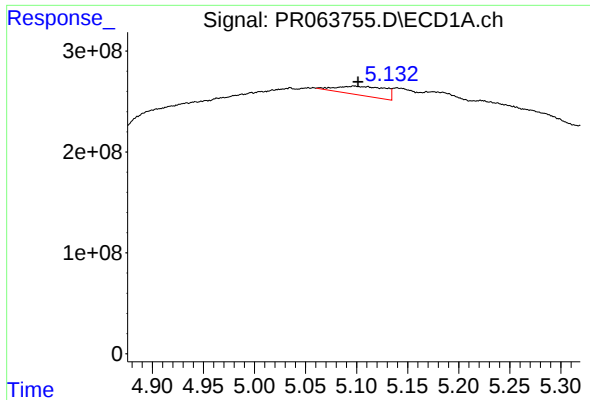
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.933 min
Response: 0
Conc: N.D.



#13 AR-1232-3

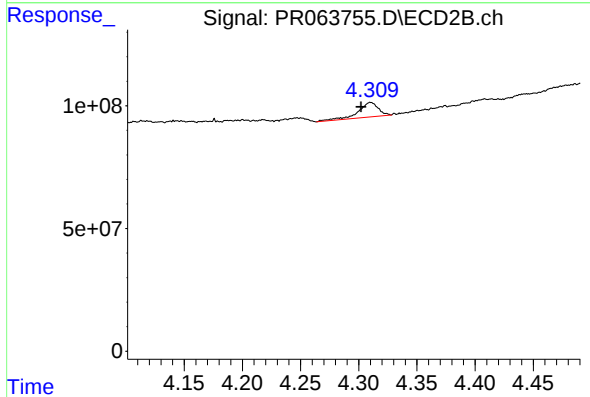
R.T.: 4.201 min
Delta R.T.: -0.007 min
Response: 32966607
Conc: 875.60 ng/ml



#14 AR-1232-4

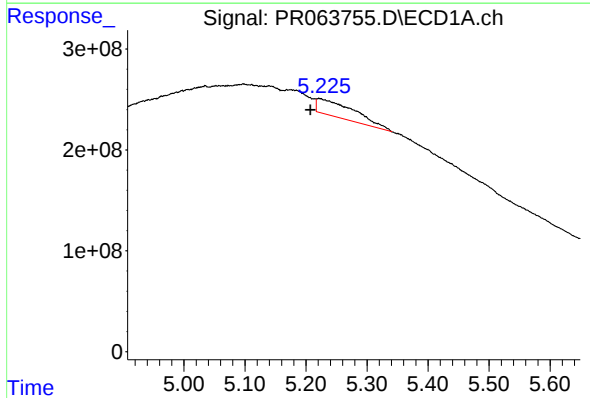
R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 297346095
Conc: 4907.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



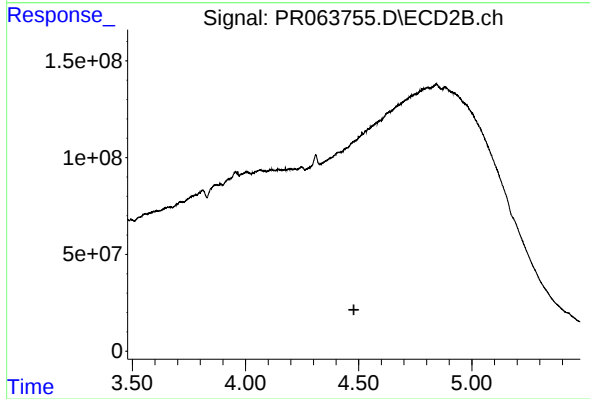
#14 AR-1232-4

R.T.: 4.310 min
Delta R.T.: 0.008 min
Response: 72056466
Conc: 2271.02 ng/ml



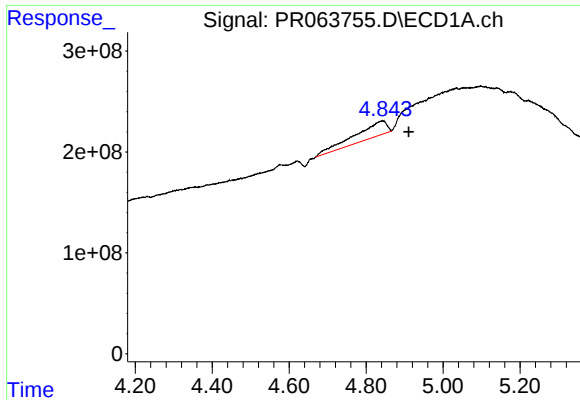
#15 AR-1232-5

R.T.: 5.222 min
Delta R.T.: 0.014 min
Response: 679589443
Conc: 15710.81 ng/ml



#15 AR-1232-5

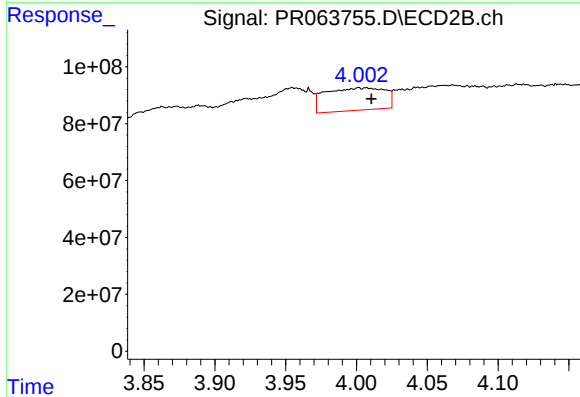
R.T.: 0.000 min
Exp R.T.: 4.479 min
Response: 0
Conc: N.D.



#16 AR-1242-1

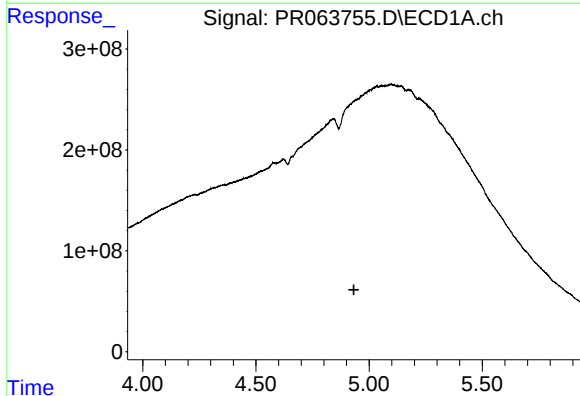
R.T.: 4.843 min
Delta R.T.: -0.067 min
Response: 874986457
Conc: 5248.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



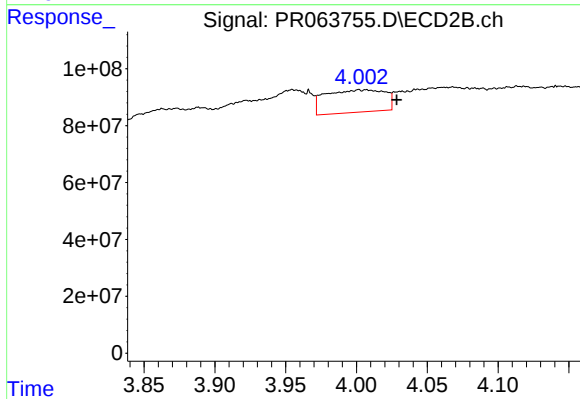
#16 AR-1242-1

R.T.: 4.002 min
Delta R.T.: -0.009 min
Response: 230185636
Conc: 2411.17 ng/ml



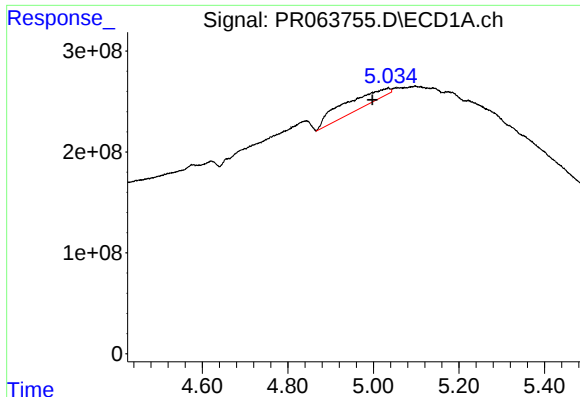
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.933 min
Response: 0
Conc: N.D.



#17 AR-1242-2

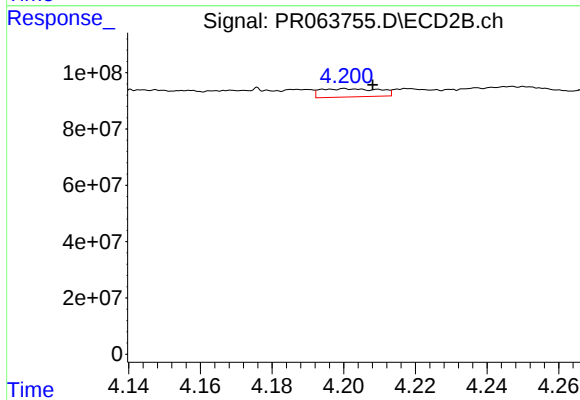
R.T.: 4.002 min
Delta R.T.: -0.027 min
Response: 230185636
Conc: 1611.99 ng/ml



#18 AR-1242-3

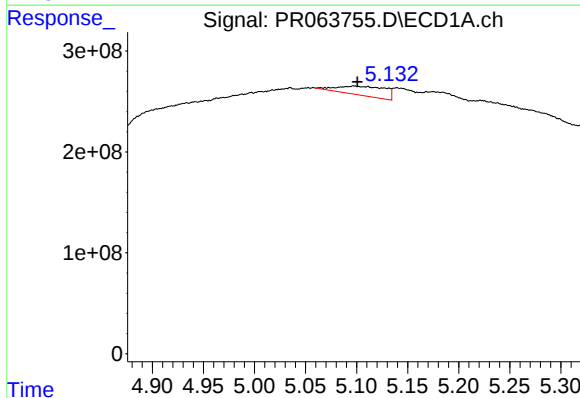
R.T.: 5.035 min
Delta R.T.: 0.037 min
Response: 1019906450
Conc: 7183.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



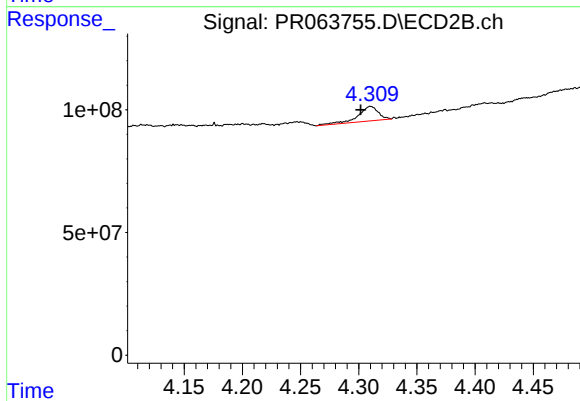
#18 AR-1242-3

R.T.: 4.201 min
Delta R.T.: -0.007 min
Response: 32966607
Conc: 450.04 ng/ml



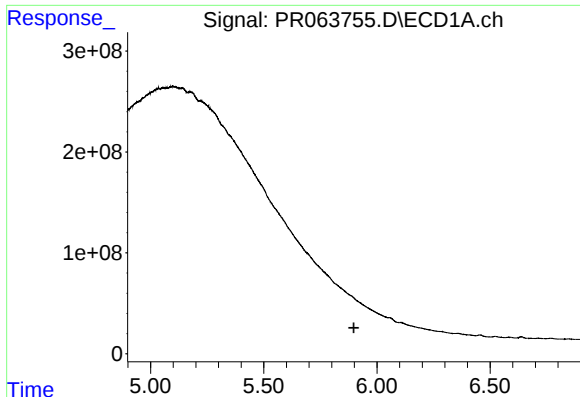
#19 AR-1242-4

R.T.: 5.098 min
Delta R.T.: -0.003 min
Response: 297346095
Conc: 2537.01 ng/ml



#19 AR-1242-4

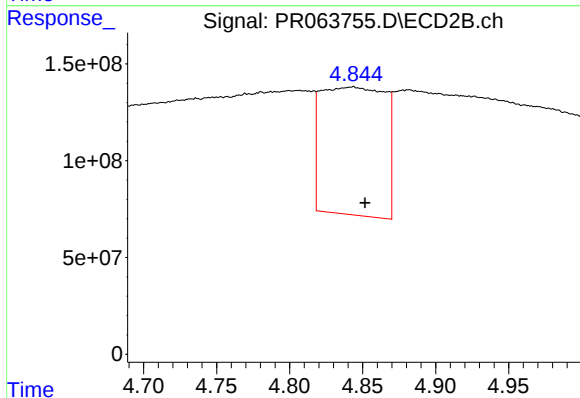
R.T.: 4.310 min
Delta R.T.: 0.009 min
Response: 72056466
Conc: 1053.50 ng/ml



#20 AR-1242-5

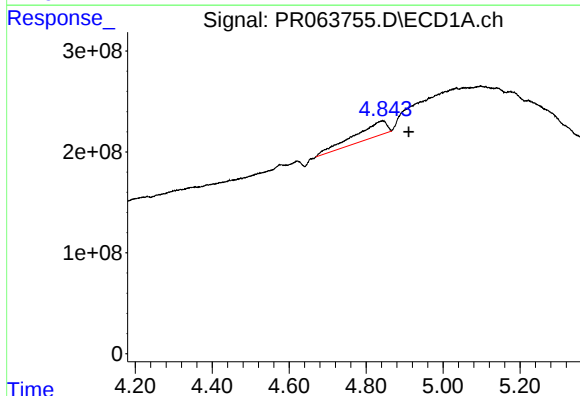
R.T.: 0.000 min
Exp R.T.: 5.898 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



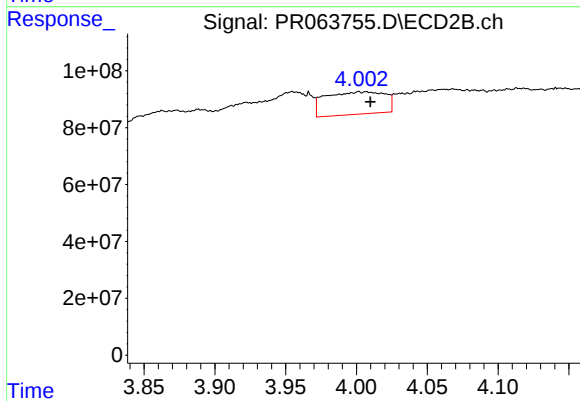
#20 AR-1242-5

R.T.: 4.843 min
Delta R.T.: -0.009 min
Response: 2009550999
Conc: 22972.67 ng/ml



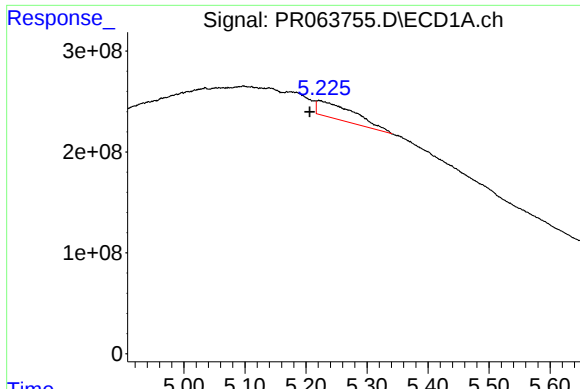
#21 AR-1248-1

R.T.: 4.843 min
Delta R.T.: -0.067 min
Response: 874986457
Conc: 6767.08 ng/ml



#21 AR-1248-1

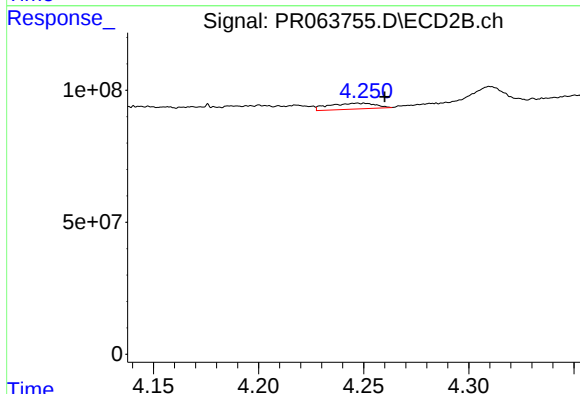
R.T.: 4.002 min
Delta R.T.: -0.008 min
Response: 230185636
Conc: 3081.74 ng/ml



#22 AR-1248-2

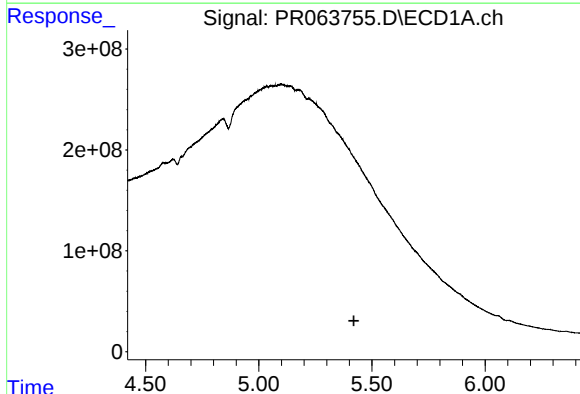
R.T.: 5.222 min
Delta R.T.: 0.015 min
Response: 679589443
Conc: 4007.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



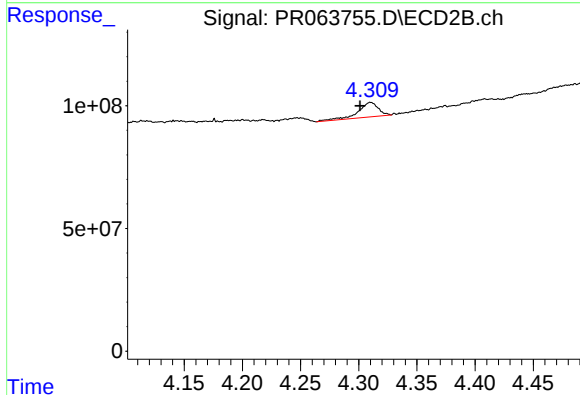
#22 AR-1248-2

R.T.: 4.247 min
Delta R.T.: -0.013 min
Response: 34490000
Conc: 323.09 ng/ml



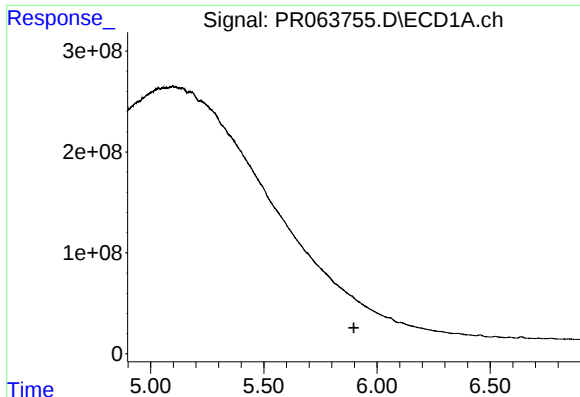
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.420 min
Response: 0
Conc: N.D.



#23 AR-1248-3

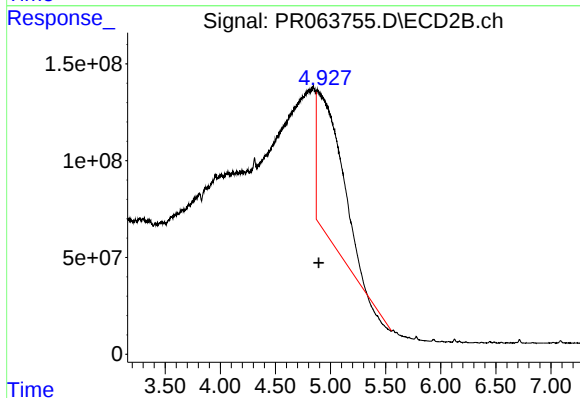
R.T.: 4.310 min
Delta R.T.: 0.009 min
Response: 72056466
Conc: 677.53 ng/ml



#25 AR-1248-5

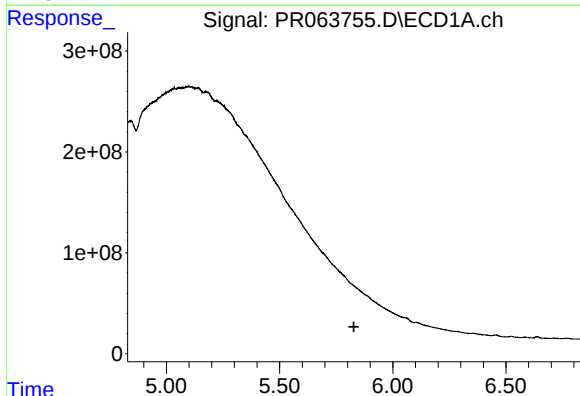
R.T.: 0.000 min
Exp R.T.: 5.898 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



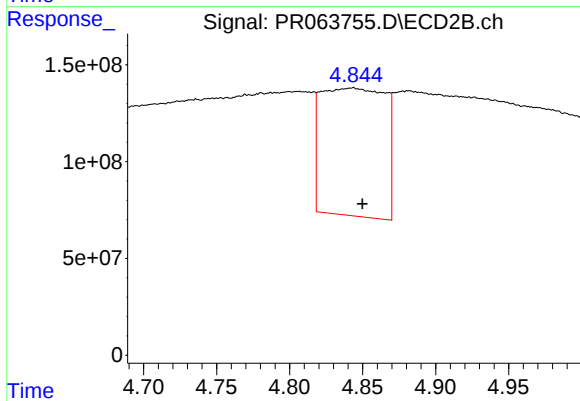
#25 AR-1248-5

R.T.: 4.882 min
Delta R.T.: -0.011 min
Response: 11111723063
Conc: 86444.26 ng/ml



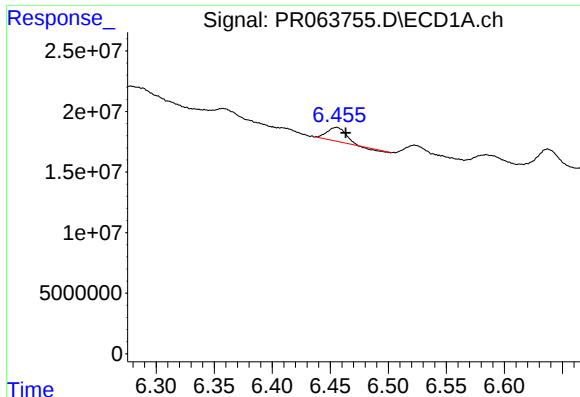
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 5.828 min
Response: 0
Conc: N.D.



#26 AR-1254-1

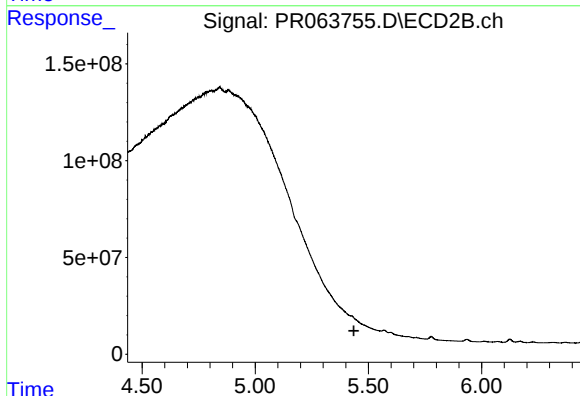
R.T.: 4.843 min
Delta R.T.: -0.007 min
Response: 2009550999
Conc: 10178.19 ng/ml



#28 AR-1254-3

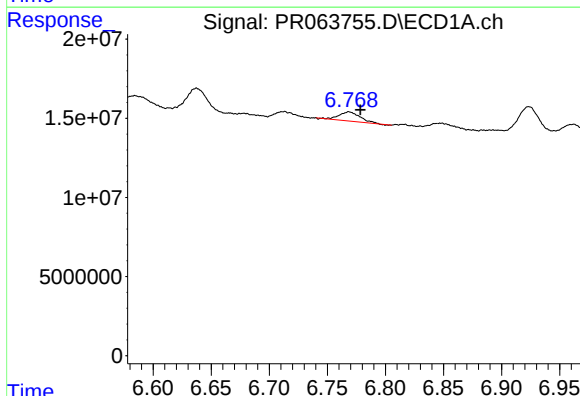
R.T.: 6.455 min
Delta R.T.: -0.008 min
Response: 12105640
Conc: 35.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



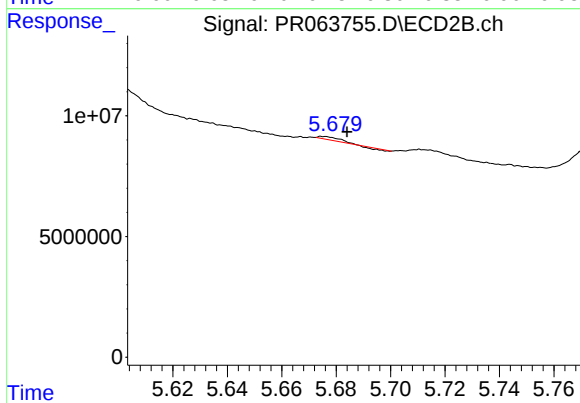
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.436 min
Response: 0
Conc: N.D.



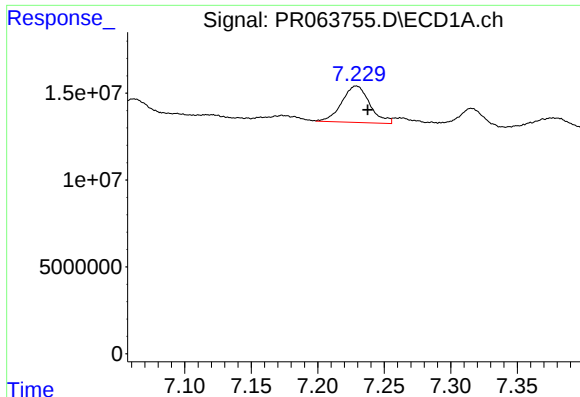
#29 AR-1254-4

R.T.: 6.769 min
Delta R.T.: -0.010 min
Response: 7097464
Conc: 30.62 ng/ml



#29 AR-1254-4

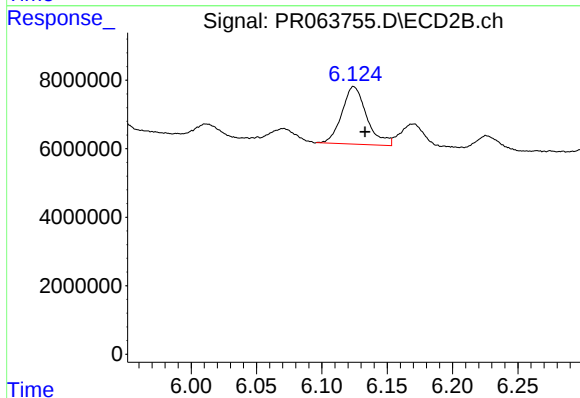
R.T.: 5.675 min
Delta R.T.: -0.009 min
Response: 568572
Conc: 3.39 ng/ml



#30 AR-1254-5

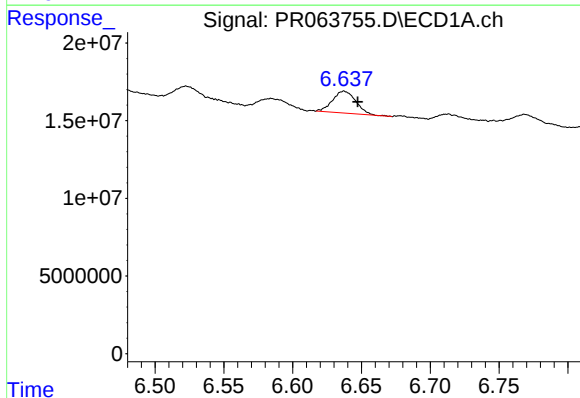
R.T.: 7.229 min
Delta R.T.: -0.009 min
Response: 30662956
Conc: 125.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



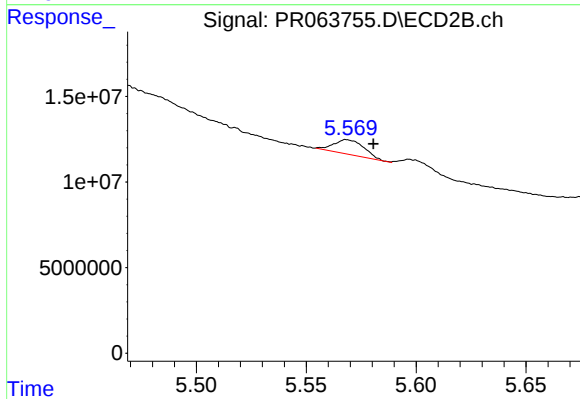
#30 AR-1254-5

R.T.: 6.124 min
Delta R.T.: -0.009 min
Response: 22237662
Conc: 95.63 ng/ml



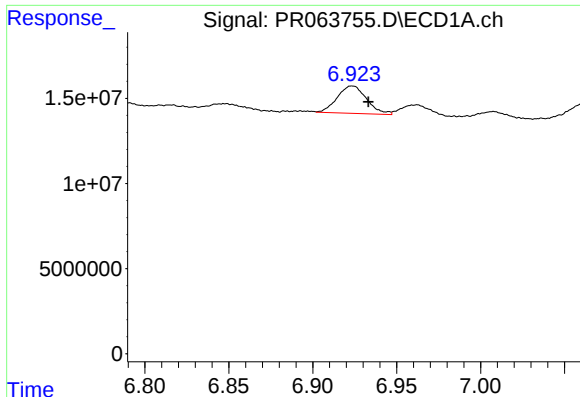
#31 AR-1260-1

R.T.: 6.637 min
Delta R.T.: -0.010 min
Response: 16692930
Conc: 69.48 ng/ml



#31 AR-1260-1

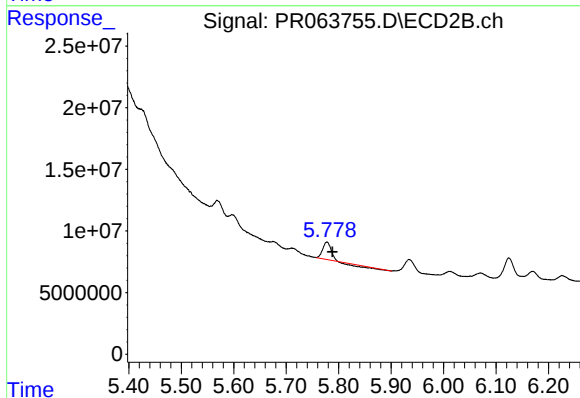
R.T.: 5.569 min
Delta R.T.: -0.012 min
Response: 8307546
Conc: 46.83 ng/ml



#32 AR-1260-2

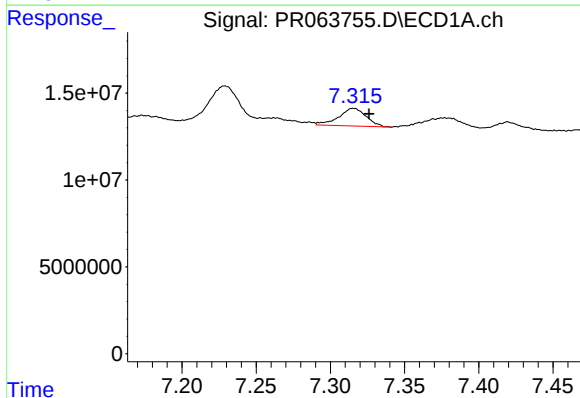
R.T.: 6.924 min
Delta R.T.: -0.010 min
Response: 19602921
Conc: 71.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



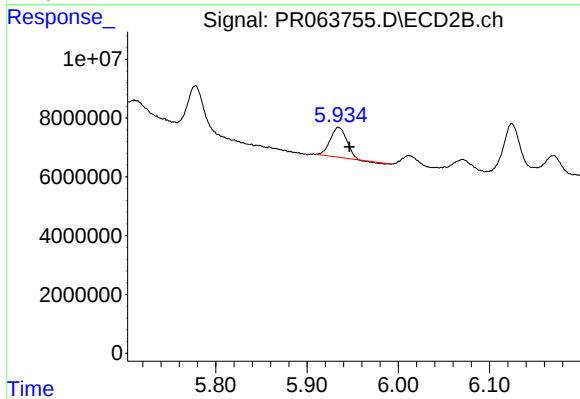
#32 AR-1260-2

R.T.: 5.778 min
Delta R.T.: -0.010 min
Response: 11462635
Conc: 53.85 ng/ml



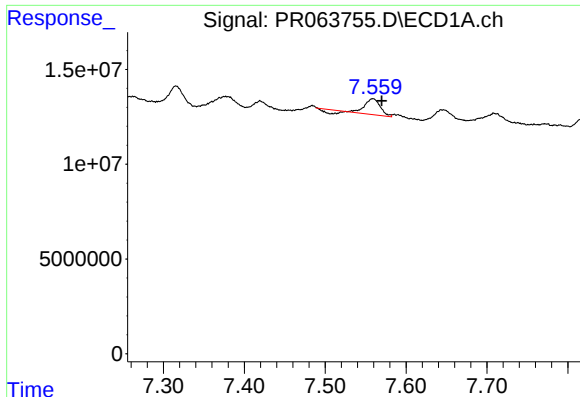
#33 AR-1260-3

R.T.: 7.316 min
Delta R.T.: -0.010 min
Response: 13099256
Conc: 68.50 ng/ml



#33 AR-1260-3

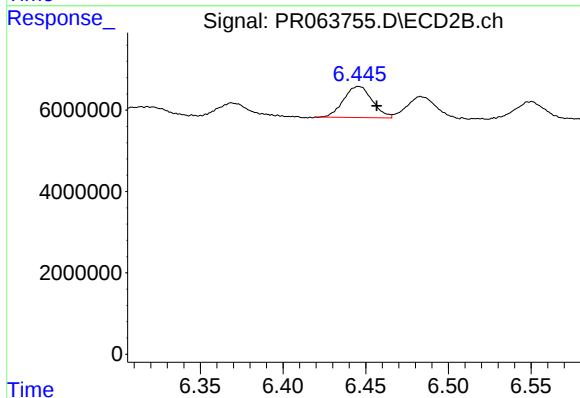
R.T.: 5.935 min
Delta R.T.: -0.012 min
Response: 12555632
Conc: 63.04 ng/ml



#34 AR-1260-4

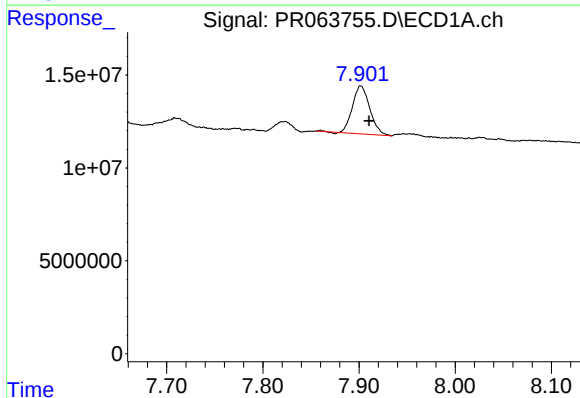
R.T.: 7.559 min
Delta R.T.: -0.011 min
Response: 9627783
Conc: 44.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



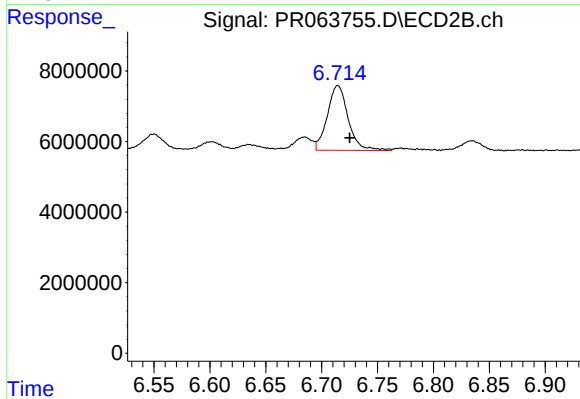
#34 AR-1260-4

R.T.: 6.446 min
Delta R.T.: -0.011 min
Response: 9250053
Conc: 56.49 ng/ml



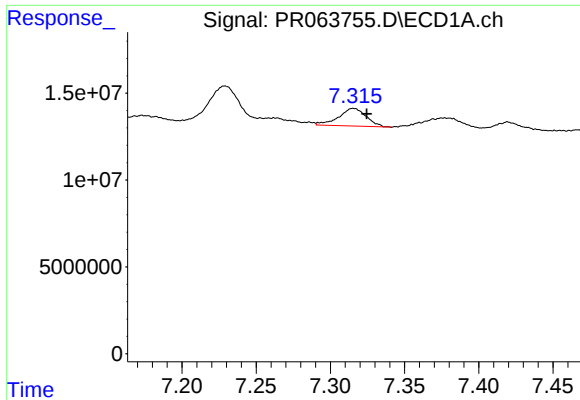
#35 AR-1260-5

R.T.: 7.902 min
Delta R.T.: -0.009 min
Response: 32168800
Conc: 74.33 ng/ml



#35 AR-1260-5

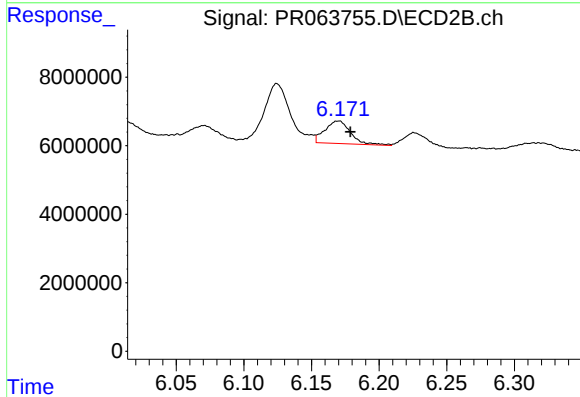
R.T.: 6.714 min
Delta R.T.: -0.011 min
Response: 23773867
Conc: 60.06 ng/ml



#36 AR-1262-1

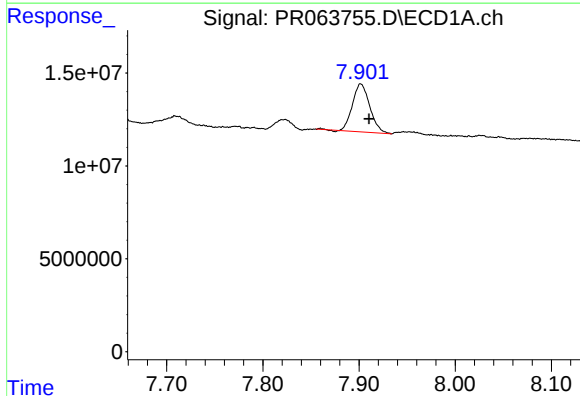
R.T.: 7.316 min
Delta R.T.: -0.009 min
Response: 13099256
Conc: 43.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



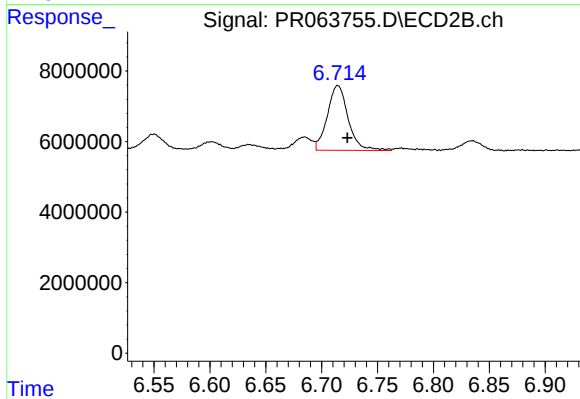
#36 AR-1262-1

R.T.: 6.170 min
Delta R.T.: -0.009 min
Response: 8757656
Conc: 34.63 ng/ml



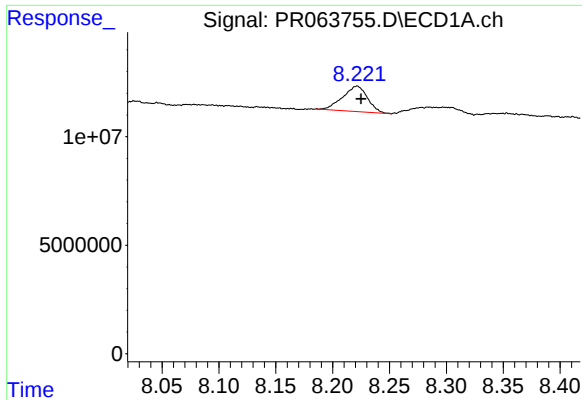
#37 AR-1262-2

R.T.: 7.902 min
Delta R.T.: -0.009 min
Response: 32168800
Conc: 62.75 ng/ml



#37 AR-1262-2

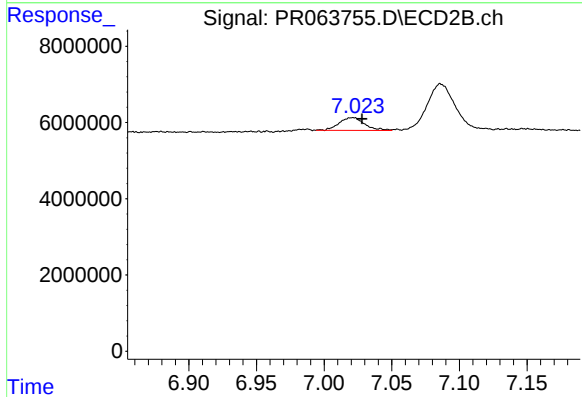
R.T.: 6.714 min
Delta R.T.: -0.009 min
Response: 23773867
Conc: 51.84 ng/ml



#38 AR-1262-3

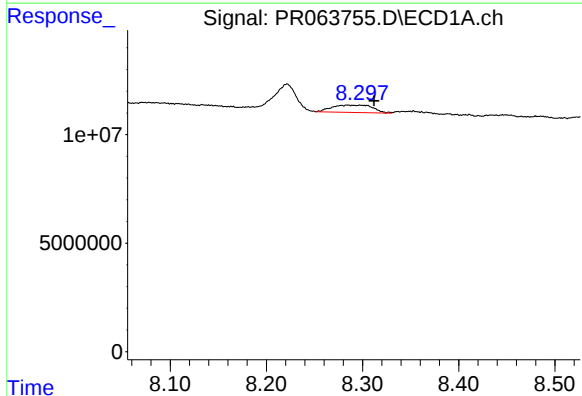
R.T.: 8.221 min
Delta R.T.: -0.004 min
Response: 17704484
Conc: 53.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



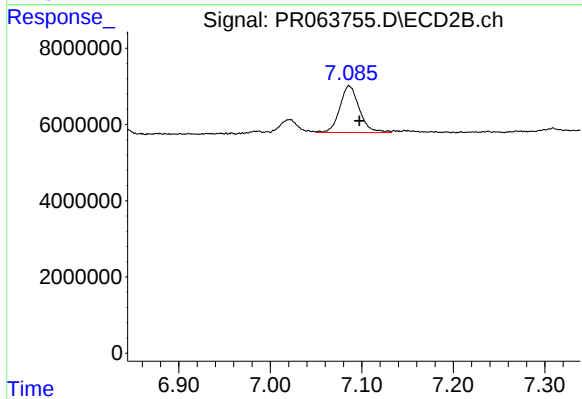
#38 AR-1262-3

R.T.: 7.021 min
Delta R.T.: -0.007 min
Response: 4349875
Conc: 24.45 ng/ml



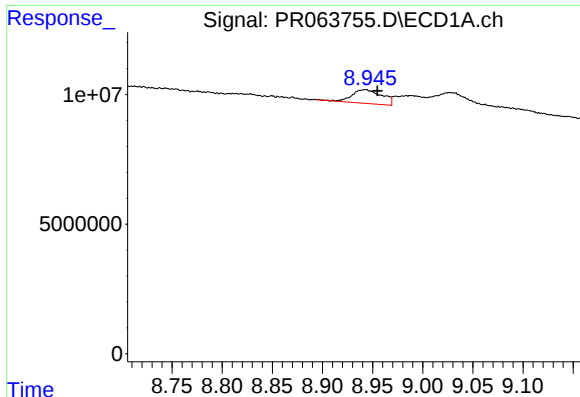
#39 AR-1262-4

R.T.: 8.285 min
Delta R.T.: -0.028 min
Response: 9970278
Conc: 40.06 ng/ml



#39 AR-1262-4

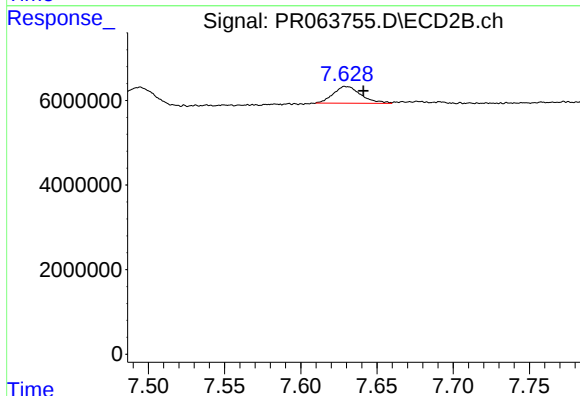
R.T.: 7.086 min
Delta R.T.: -0.011 min
Response: 18107696
Conc: 53.83 ng/ml



#40 AR-1262-5

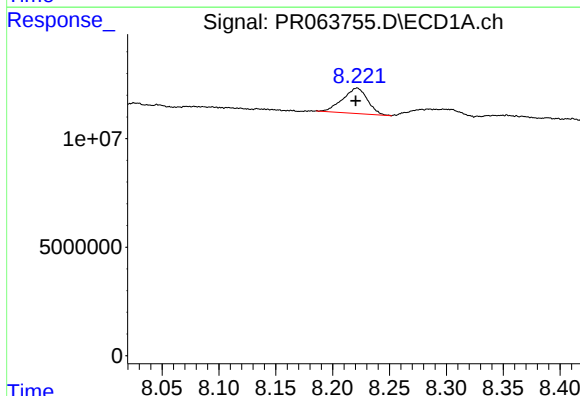
R.T.: 8.943 min
Delta R.T.: -0.012 min
Response: 11064790
Conc: 61.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



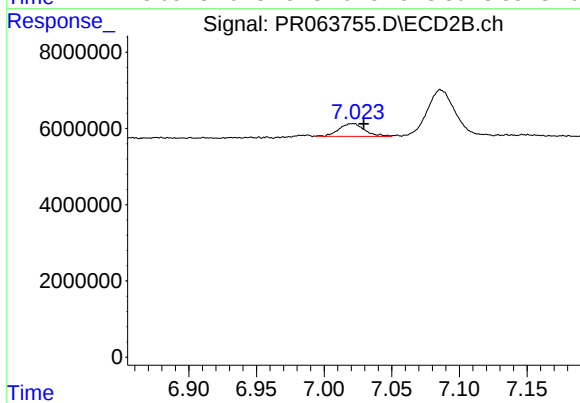
#40 AR-1262-5

R.T.: 7.630 min
Delta R.T.: -0.011 min
Response: 5021455
Conc: 33.28 ng/ml



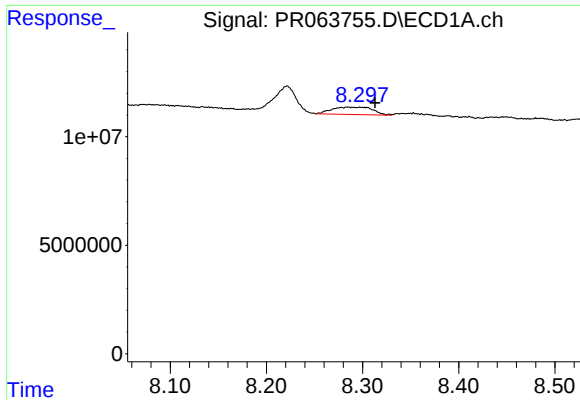
#41 AR-1268-1

R.T.: 8.221 min
Delta R.T.: 0.001 min
Response: 17704484
Conc: 29.49 ng/ml



#41 AR-1268-1

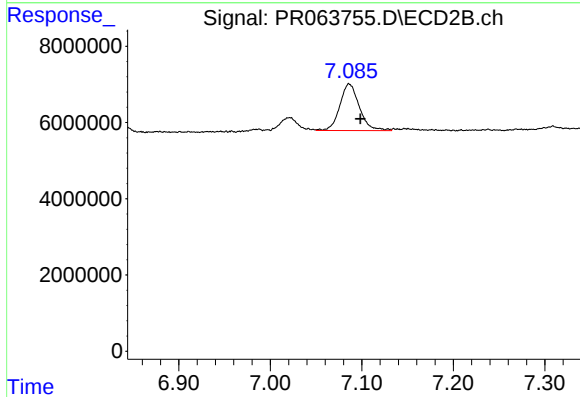
R.T.: 7.021 min
Delta R.T.: -0.008 min
Response: 4349875
Conc: 8.06 ng/ml



#42 AR-1268-2

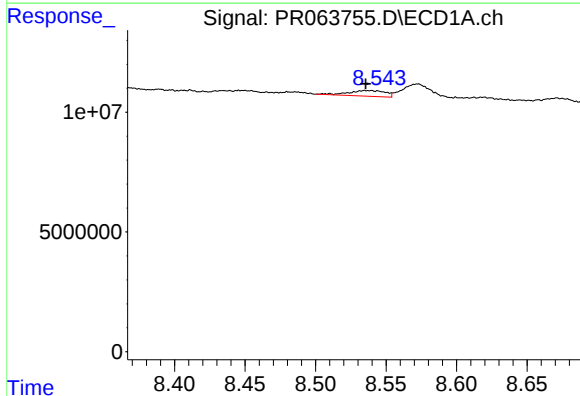
R.T.: 8.285 min
Delta R.T.: -0.029 min
Response: 9970278
Conc: 18.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



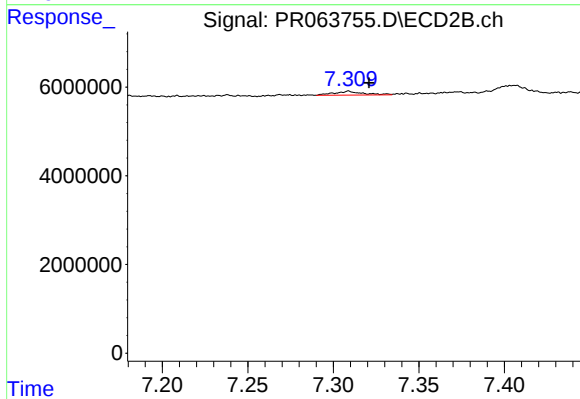
#42 AR-1268-2

R.T.: 7.086 min
Delta R.T.: -0.012 min
Response: 18107696
Conc: 36.90 ng/ml



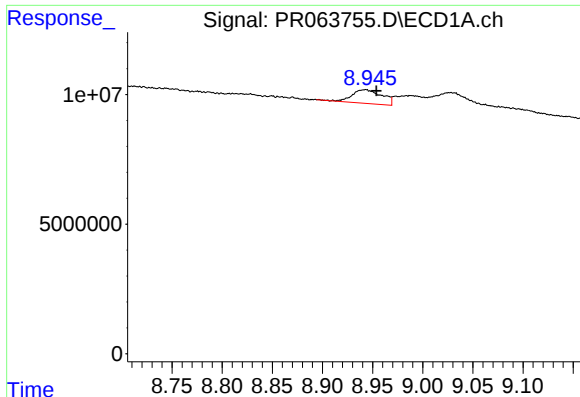
#43 AR-1268-3

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 4248604
Conc: 9.07 ng/ml



#43 AR-1268-3

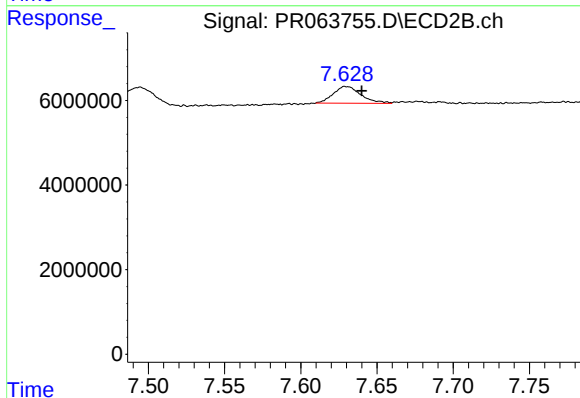
R.T.: 7.309 min
Delta R.T.: -0.012 min
Response: 1003836
Conc: 2.41 ng/ml



#44 AR-1268-4

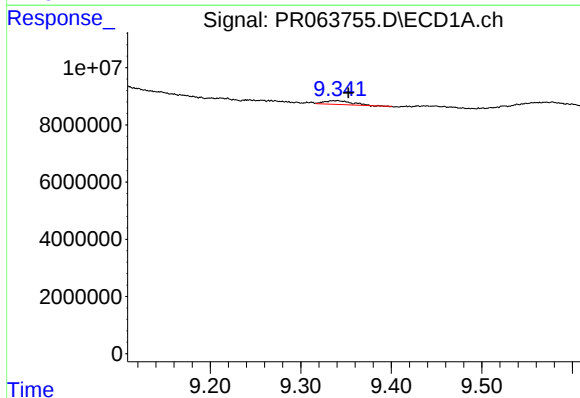
R.T.: 8.943 min
Delta R.T.: -0.011 min
Response: 11064790
Conc: 55.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



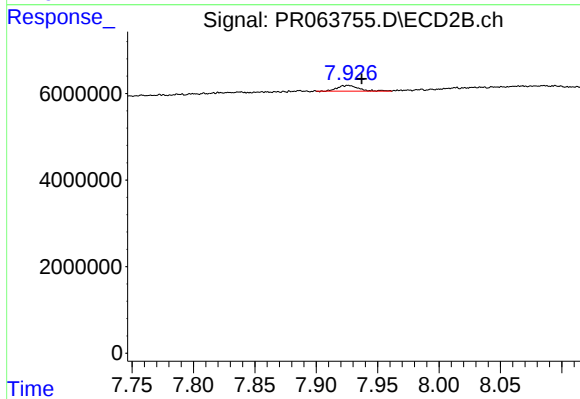
#44 AR-1268-4

R.T.: 7.630 min
Delta R.T.: -0.010 min
Response: 5021455
Conc: 29.63 ng/ml



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.012 min
Response: 2690831
Conc: 1.75 ng/ml



#45 AR-1268-5

R.T.: 7.926 min
Delta R.T.: -0.011 min
Response: 1591328
Conc: 1.19 ng/ml