

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102023\
 Data File : PR064127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 21:29
 Operator : AJ\MA
 Sample : 04964-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:34:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 13 05:04:13 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...	3.736	3.024	143.7E6	79086898	20.061	19.161
2)	SA Decachlor...	9.760	8.420	87707922	54456952	18.776	17.940
Target Compounds							
3)	L1 AR-1016-1	4.979	4.172	9504171	8687621	44.183	59.763 #
4)	L1 AR-1016-2	5.002	4.194	12670748	5089836	38.670	25.461 #
5)	L1 AR-1016-3	5.072	4.379	19042133	7701024	92.050	69.856
6)	L1 AR-1016-4	5.168	4.426	13011746	6105022	79.883	70.547
7)	L1 AR-1016-5	5.489	4.655	3953957	3030028	24.324	26.522
8)	L2 AR-1221-1	3.948	3.241	2565347	638538	31.403	11.795 #
9)	L2 AR-1221-2	4.054	3.335	2232722	2139480	41.072	55.249 #
10)	L2 AR-1221-3	4.152	3.424	1553514	2444029	8.656	19.489 #
11)	L3 AR-1232-1	4.152	3.424	1553514	2444029	10.450	23.341 #
12)	L3 AR-1232-2	4.687	4.194	16325423	5089836	200.287	54.538 #
13)	L3 AR-1232-3	5.002	4.379	12670748	7701024	84.650	152.169 #
14)	L3 AR-1232-4	5.168	4.470	13011746	5869632	178.366	128.540 #
15)	L3 AR-1232-5	5.271	4.655	9785597	3030028	179.008	60.103 #
16)	L4 AR-1242-1	4.979	4.172	9504171	8687621	52.629	70.668 #
17)	L4 AR-1242-2	5.002	4.194	12670748	5089836	46.174	30.254 #
18)	L4 AR-1242-3	5.072	4.379	19042133	7701024	108.289	82.787
19)	L4 AR-1242-4	5.168	4.470	13011746	5869632	95.191	64.582 #
20)	L4 AR-1242-5	5.966	5.031	16452714	13231556	111.121	119.368
21)	L5 AR-1248-1	4.979	4.172	9504171	8687621	68.904	92.091 #
22)	L5 AR-1248-2	5.271	4.426	9785597	6105022	49.972	46.889
23)	L5 AR-1248-3	5.489	4.470	3953957	5869632	17.173	43.538 #
24)	L5 AR-1248-4	5.926	4.655	14225923	3030028	57.462	18.838 #
25)	L5 AR-1248-5	5.966	5.074	16452714	10826052	65.652	71.596
26)	L6 AR-1254-1	5.896	5.031	7589731	13231556	30.272	57.372 #
27)	L6 AR-1254-2	6.135	5.194	22010800	12937136	57.864	65.335
28)	L6 AR-1254-3	6.531	5.624	21241648	9146842	54.517	29.218 #
29)	L6 AR-1254-4	6.846	5.877	8376030	7268295	31.317	38.680
30)	L6 AR-1254-5	7.304	6.333	13709139	15649120	46.628	57.353
31)	L7 AR-1260-1	6.711	5.769	3743863	9851925	12.597	43.878 #
32)	L7 AR-1260-2	6.995	5.978	12772799	8670159	36.934	32.878
33)	L7 AR-1260-3	7.390	6.138	4625589	6595056	18.003	26.081 #
34)	L7 AR-1260-4	7.639	6.657	7374954	3557581	26.095	18.033 #
35)	L7 AR-1260-5	7.974	6.925	10646998	7698470	19.721	18.129
36)	L8 AR-1262-1	7.390	6.377	4625589	3493887	12.286	12.003
37)	L8 AR-1262-2	7.974	6.925	10646998	7698470	17.296	16.494
38)	L8 AR-1262-3	8.298	7.238	6354753	7003596	15.165	38.354 #
39)	L8 AR-1262-4	8.359	7.306	4369439	11653216	13.566	34.596 #
40)	L8 AR-1262-5	9.029	7.854	2319917	1100792	10.555	7.533 #
41)	L9 AR-1268-1	8.298	7.238	6354753	7003596	8.663	13.462 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102023\
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 Response via : Initial Calibration
 Integrator: ChemStation

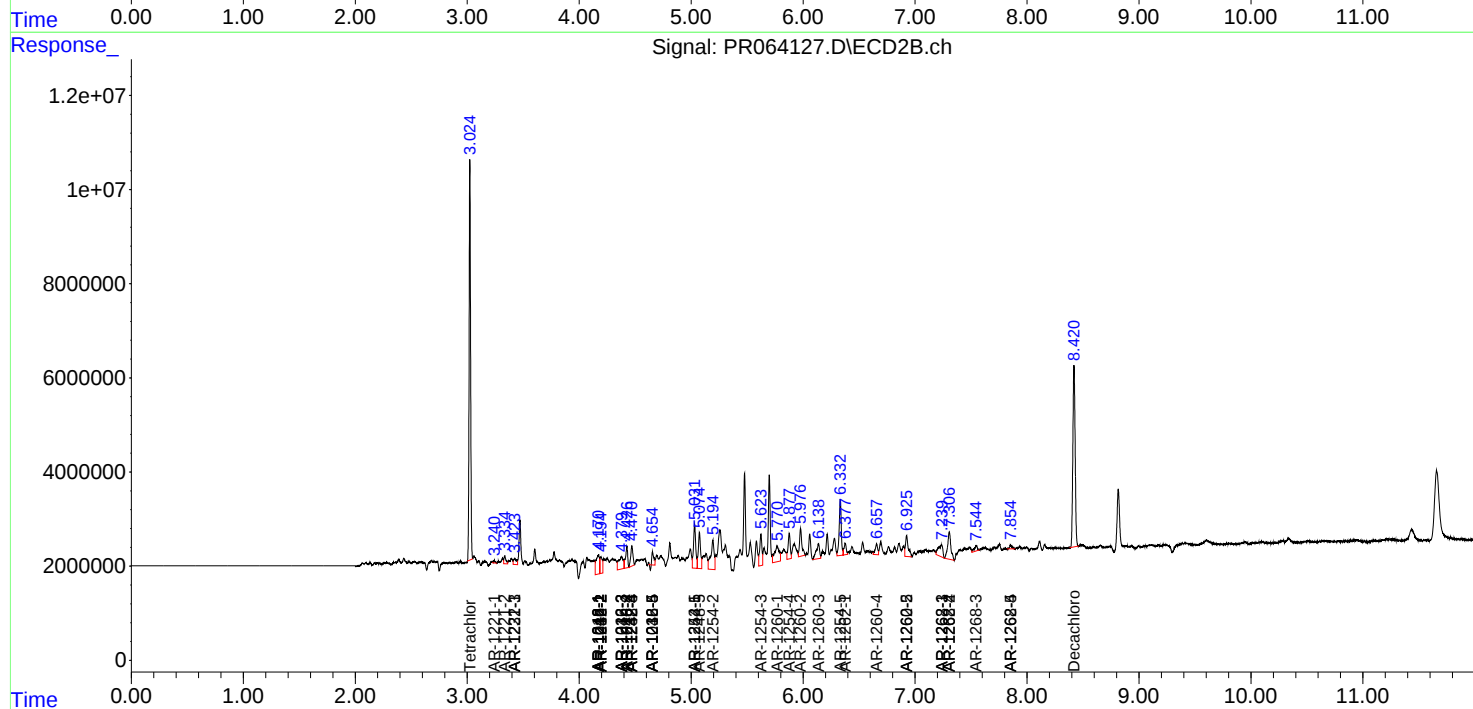
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

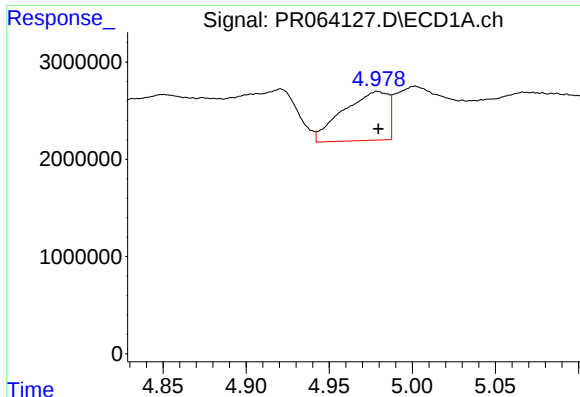
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.359	7.306	4369439	11653216	6.584	24.683 #
43) L9	AR-1268-3	8.612	7.544	1119659	2277982	1.944	5.702 #
44) L9	AR-1268-4	9.029	7.854	2319917	1100792	9.919	6.763 #
45) L9	AR-1268-5	9.437	8.158	2421581	-360113	1.361	N.D. #

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

Instrument :
ECD_R
ClientSampleId :

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

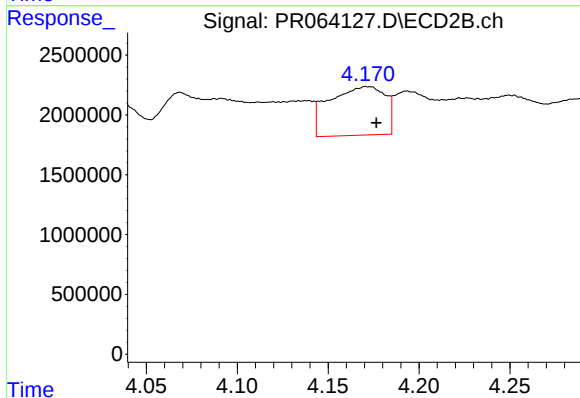




#3 AR-1016-1

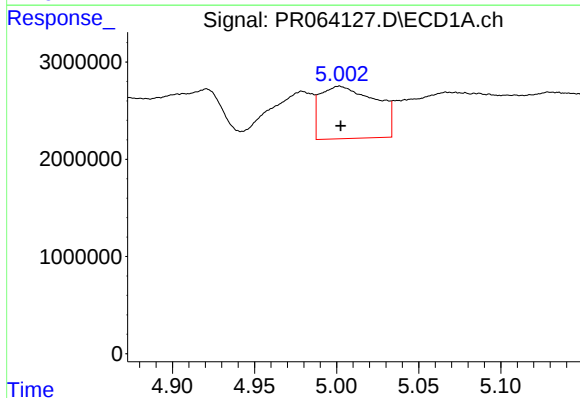
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 9504171
Conc: 44.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



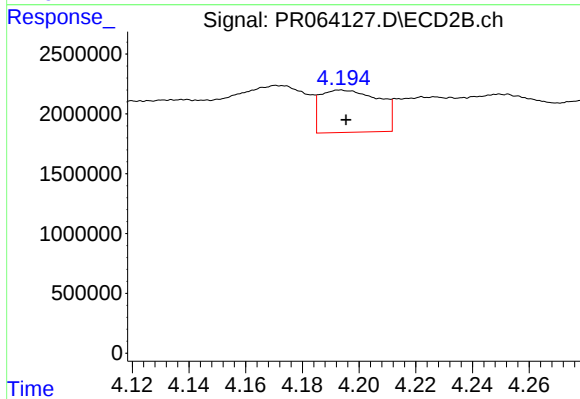
#3 AR-1016-1

R.T.: 4.172 min
Delta R.T.: -0.005 min
Response: 8687621
Conc: 59.76 ng/ml



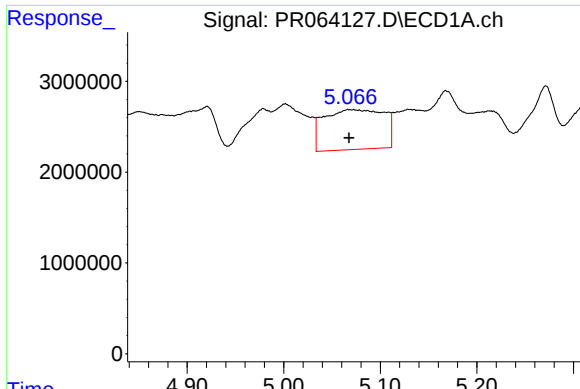
#4 AR-1016-2

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 12670748
Conc: 38.67 ng/ml



#4 AR-1016-2

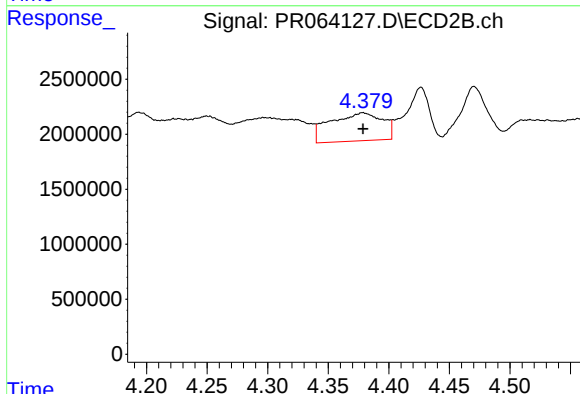
R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 5089836
Conc: 25.46 ng/ml



#5 AR-1016-3

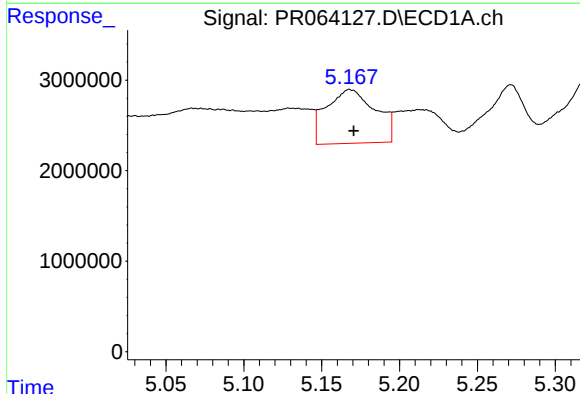
R.T.: 5.072 min
Delta R.T.: 0.005 min
Response: 19042133
Conc: 92.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



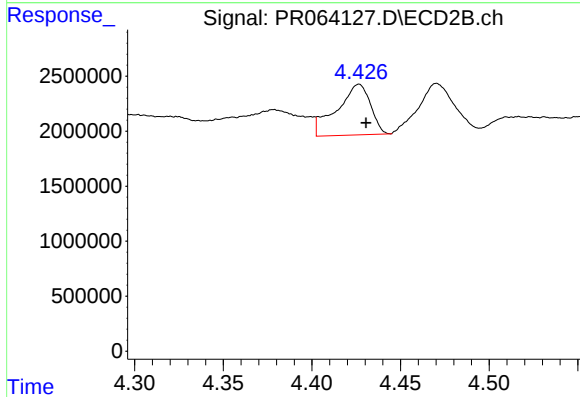
#5 AR-1016-3

R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 7701024
Conc: 69.86 ng/ml



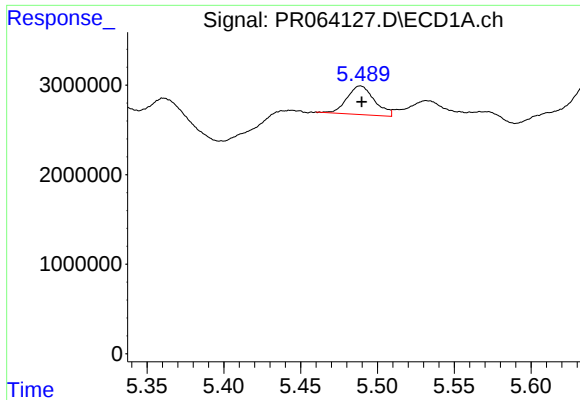
#6 AR-1016-4

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 13011746
Conc: 79.88 ng/ml



#6 AR-1016-4

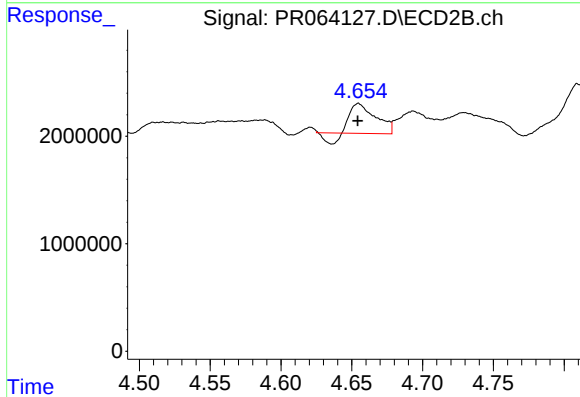
R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 6105022
Conc: 70.55 ng/ml



#7 AR-1016-5

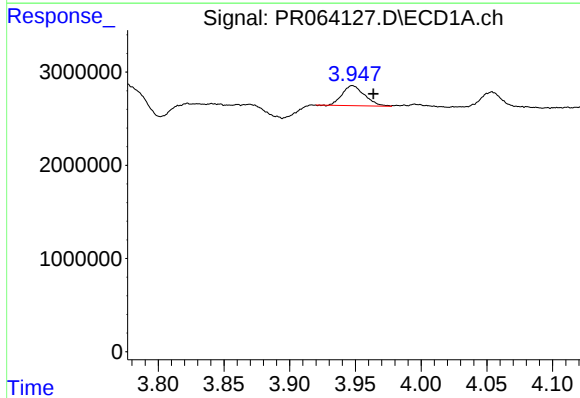
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 3953957
Conc: 24.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



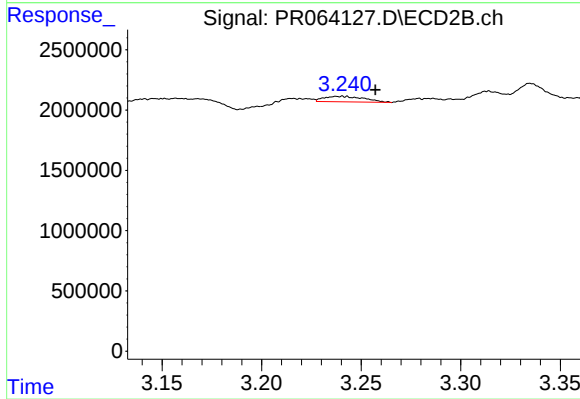
#7 AR-1016-5

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 3030028
Conc: 26.52 ng/ml



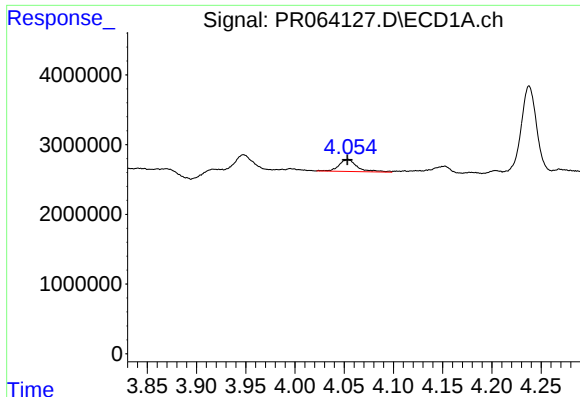
#8 AR-1221-1

R.T.: 3.948 min
Delta R.T.: -0.016 min
Response: 2565347
Conc: 31.40 ng/ml



#8 AR-1221-1

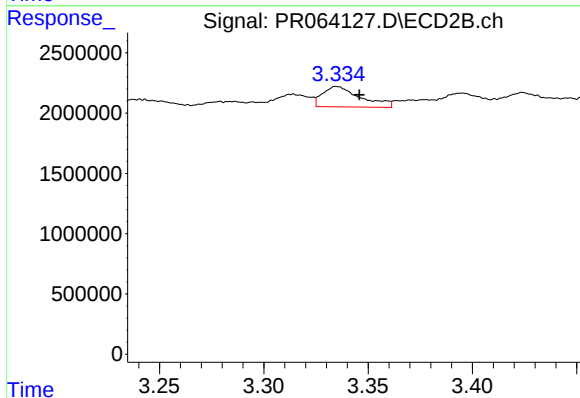
R.T.: 3.241 min
Delta R.T.: -0.017 min
Response: 638538
Conc: 11.79 ng/ml



#9 AR-1221-2

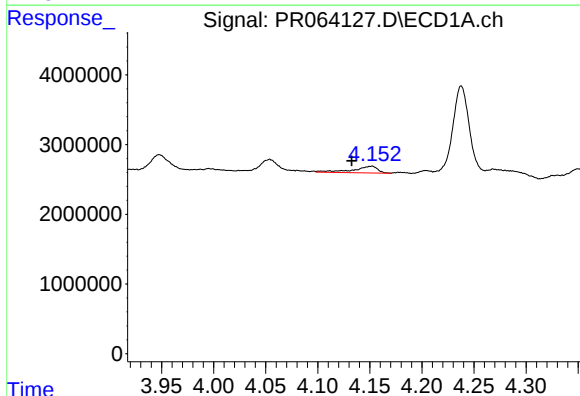
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 2232722
Conc: 41.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



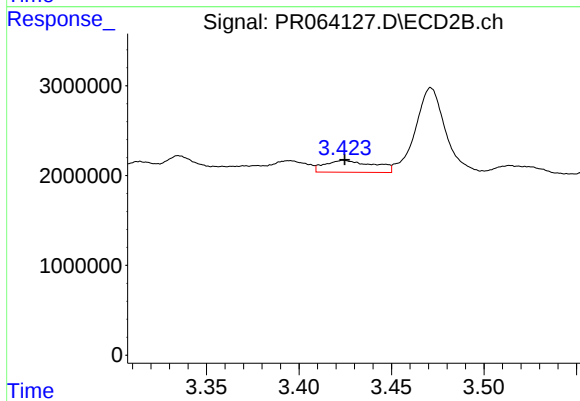
#9 AR-1221-2

R.T.: 3.335 min
Delta R.T.: -0.011 min
Response: 2139480
Conc: 55.25 ng/ml



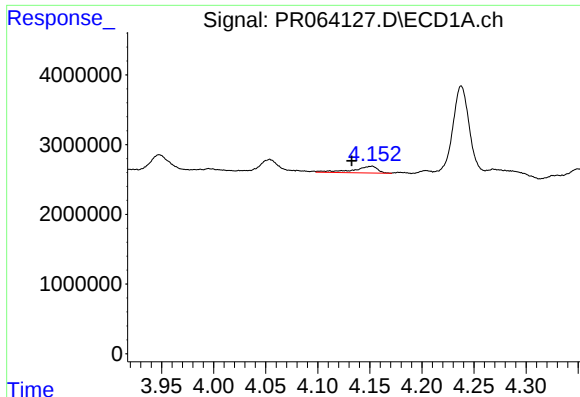
#10 AR-1221-3

R.T.: 4.152 min
Delta R.T.: 0.019 min
Response: 1553514
Conc: 8.66 ng/ml



#10 AR-1221-3

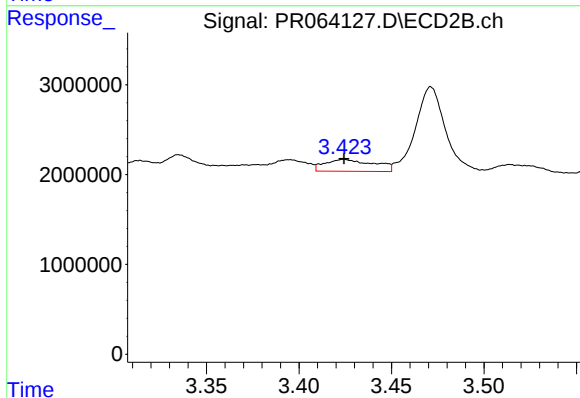
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 2444029
Conc: 19.49 ng/ml



#11 AR-1232-1

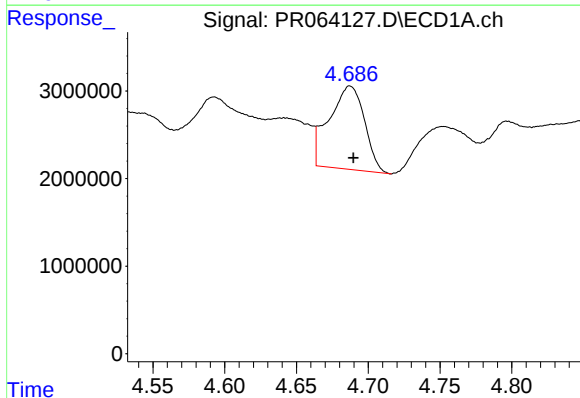
R.T.: 4.152 min
Delta R.T.: 0.019 min
Response: 1553514
Conc: 10.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



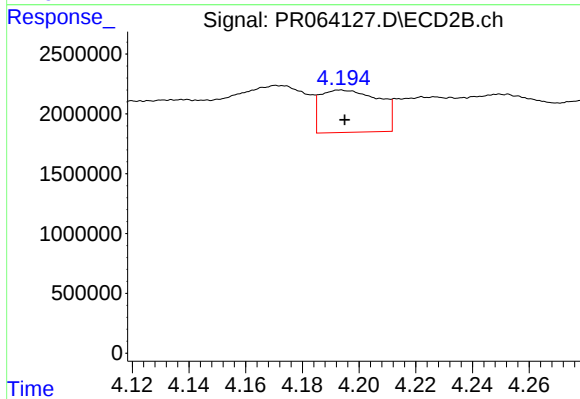
#11 AR-1232-1

R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 2444029
Conc: 23.34 ng/ml



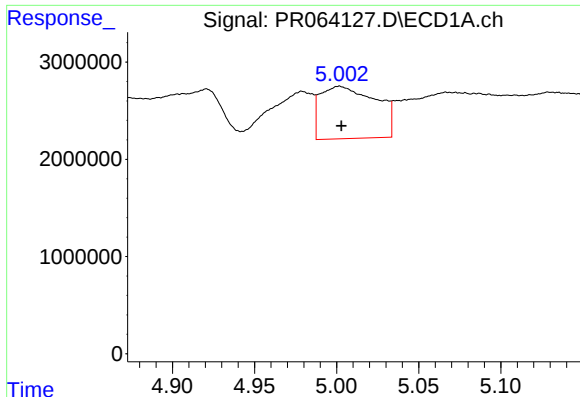
#12 AR-1232-2

R.T.: 4.687 min
Delta R.T.: -0.002 min
Response: 16325423
Conc: 200.29 ng/ml



#12 AR-1232-2

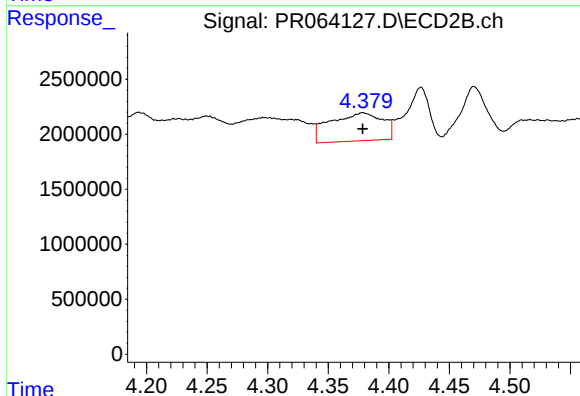
R.T.: 4.194 min
Delta R.T.: -0.001 min
Response: 5089836
Conc: 54.54 ng/ml



#13 AR-1232-3

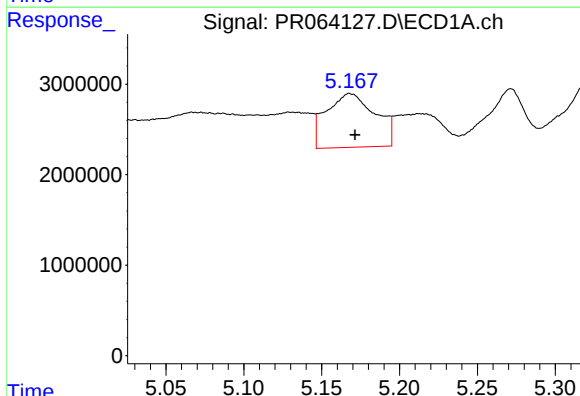
R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 12670748
Conc: 84.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



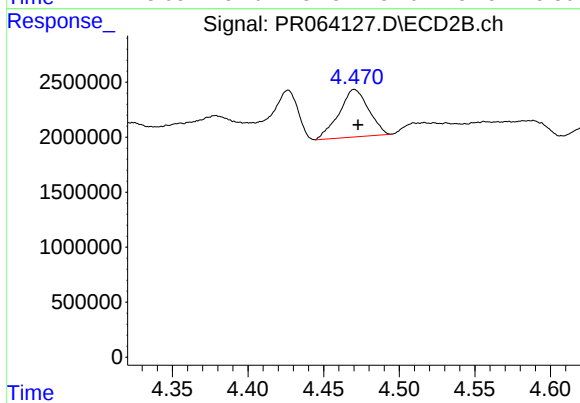
#13 AR-1232-3

R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 7701024
Conc: 152.17 ng/ml



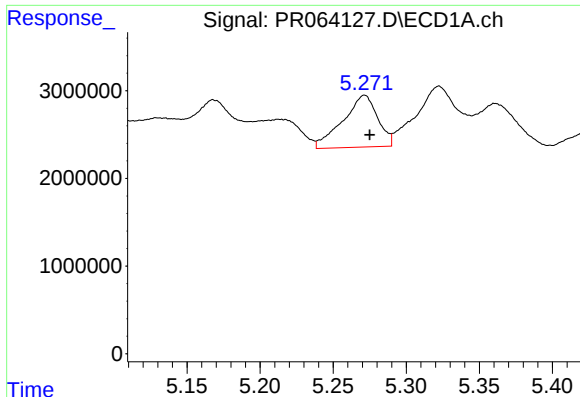
#14 AR-1232-4

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 13011746
Conc: 178.37 ng/ml



#14 AR-1232-4

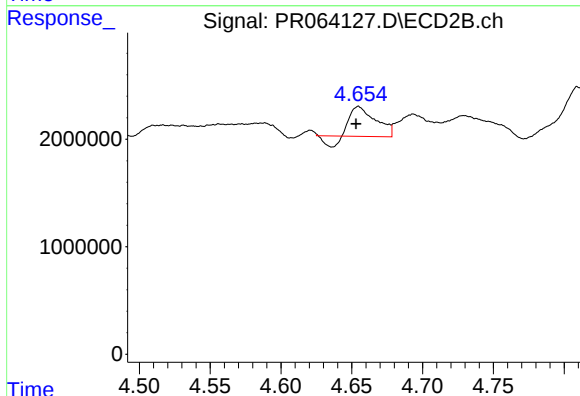
R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 5869632
Conc: 128.54 ng/ml



#15 AR-1232-5

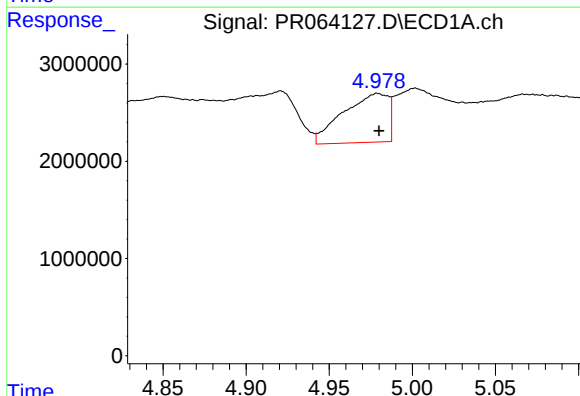
R.T.: 5.271 min
Delta R.T.: -0.004 min
Response: 9785597
Conc: 179.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



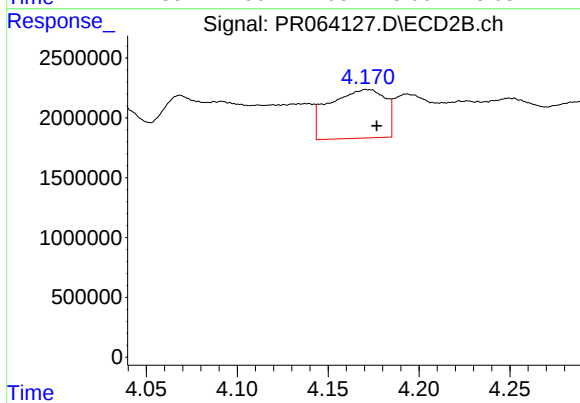
#15 AR-1232-5

R.T.: 4.655 min
Delta R.T.: 0.002 min
Response: 3030028
Conc: 60.10 ng/ml



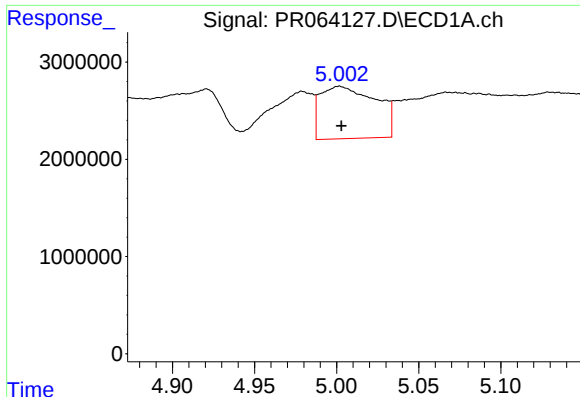
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 9504171
Conc: 52.63 ng/ml



#16 AR-1242-1

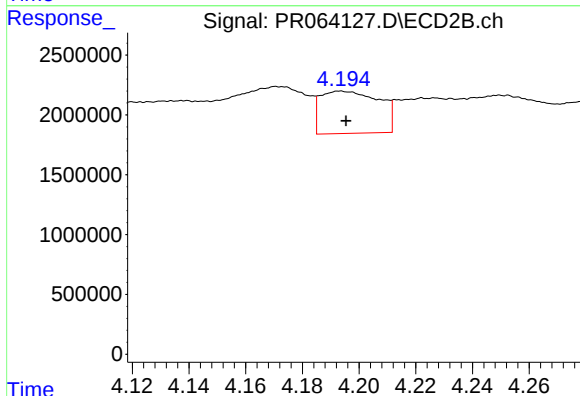
R.T.: 4.172 min
Delta R.T.: -0.005 min
Response: 8687621
Conc: 70.67 ng/ml



#17 AR-1242-2

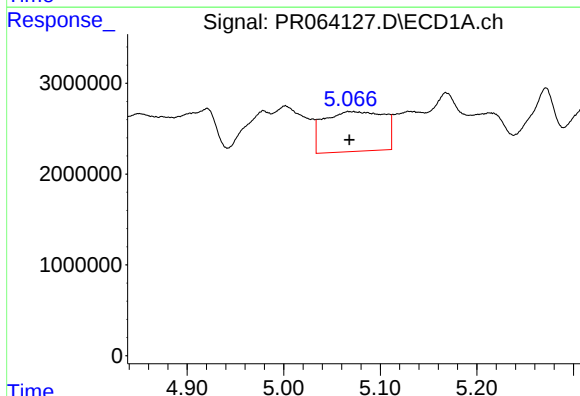
R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 12670748
Conc: 46.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



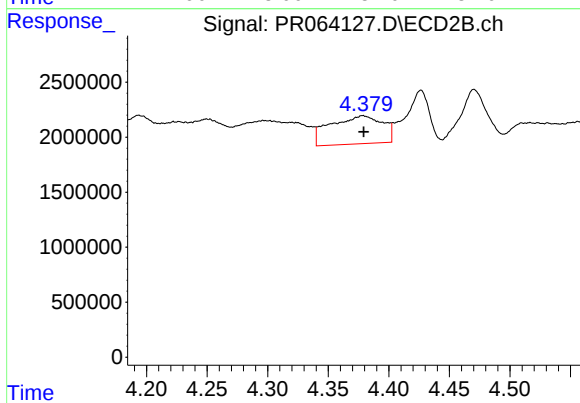
#17 AR-1242-2

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 5089836
Conc: 30.25 ng/ml



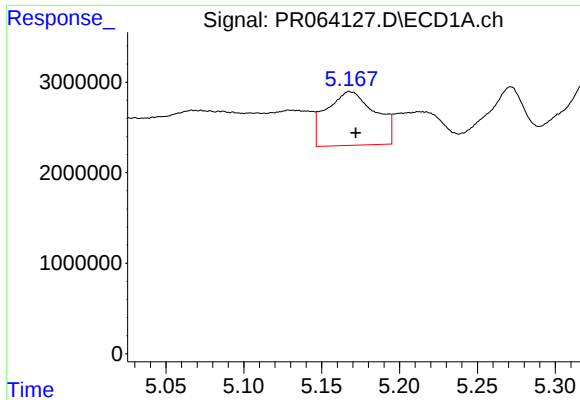
#18 AR-1242-3

R.T.: 5.072 min
Delta R.T.: 0.004 min
Response: 19042133
Conc: 108.29 ng/ml



#18 AR-1242-3

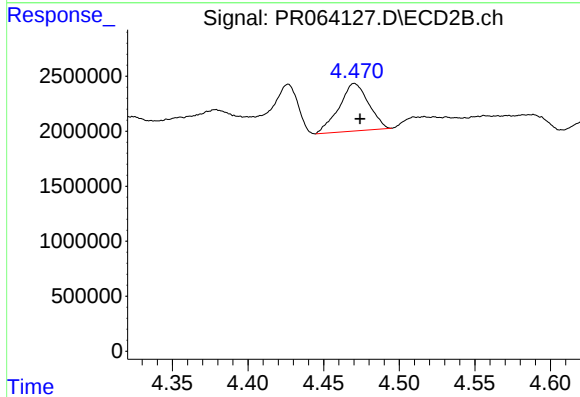
R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 7701024
Conc: 82.79 ng/ml



#19 AR-1242-4

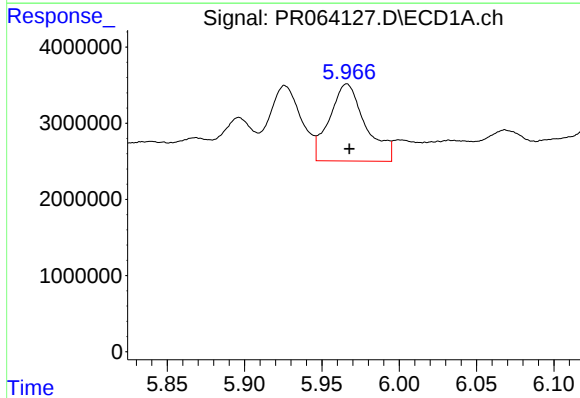
R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 13011746
Conc: 95.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



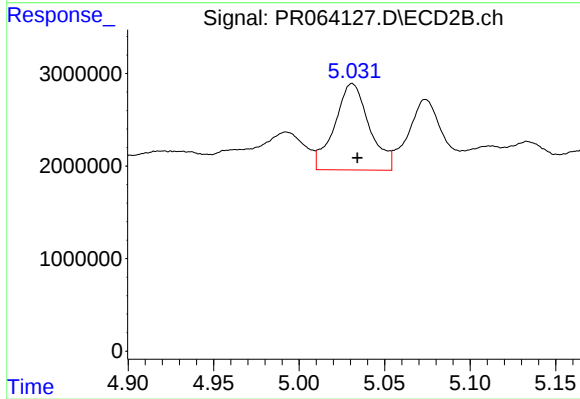
#19 AR-1242-4

R.T.: 4.470 min
Delta R.T.: -0.004 min
Response: 5869632
Conc: 64.58 ng/ml



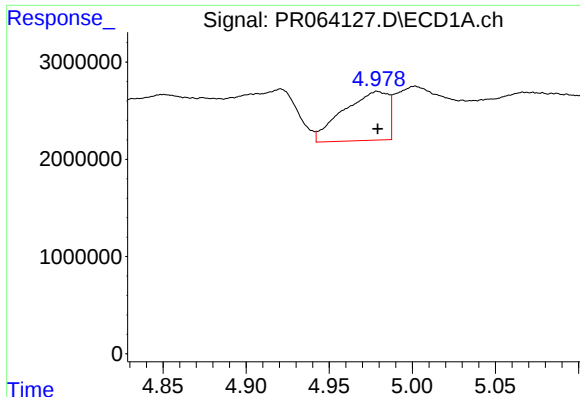
#20 AR-1242-5

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 16452714
Conc: 111.12 ng/ml



#20 AR-1242-5

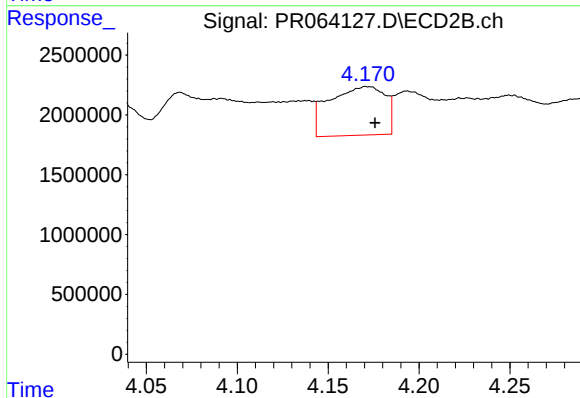
R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 13231556
Conc: 119.37 ng/ml



#21 AR-1248-1

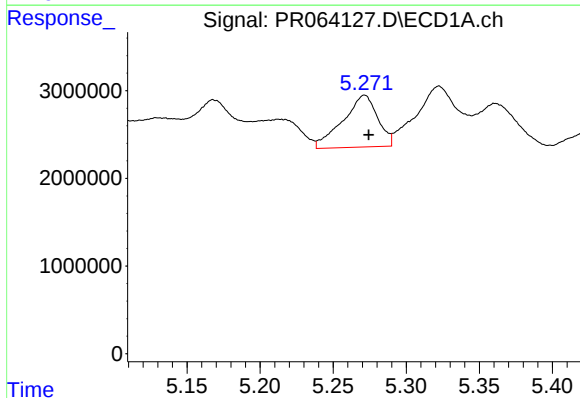
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 9504171
Conc: 68.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



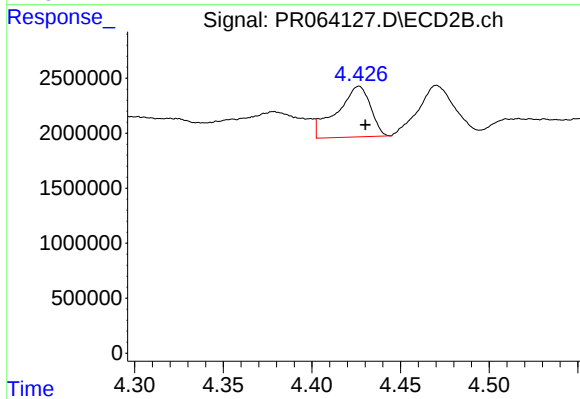
#21 AR-1248-1

R.T.: 4.172 min
Delta R.T.: -0.004 min
Response: 8687621
Conc: 92.09 ng/ml



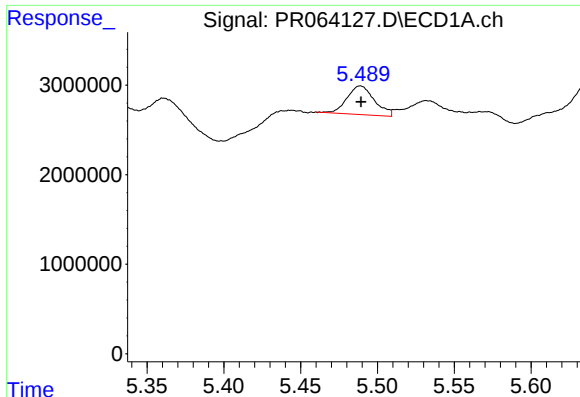
#22 AR-1248-2

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 9785597
Conc: 49.97 ng/ml



#22 AR-1248-2

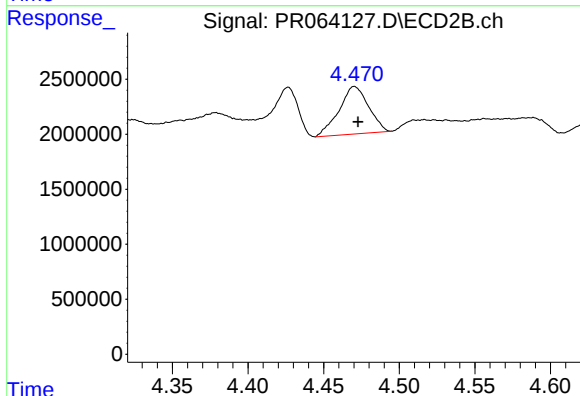
R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 6105022
Conc: 46.89 ng/ml



#23 AR-1248-3

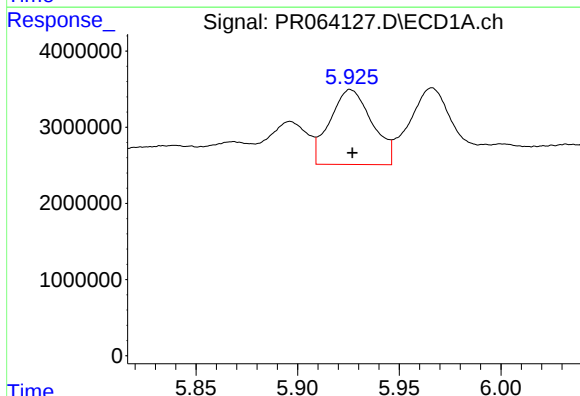
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 3953957
Conc: 17.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



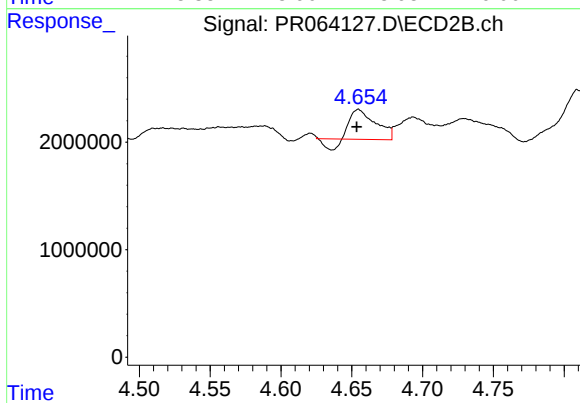
#23 AR-1248-3

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 5869632
Conc: 43.54 ng/ml



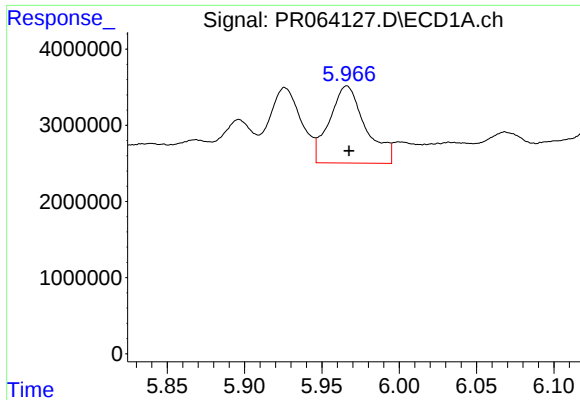
#24 AR-1248-4

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 14225923
Conc: 57.46 ng/ml



#24 AR-1248-4

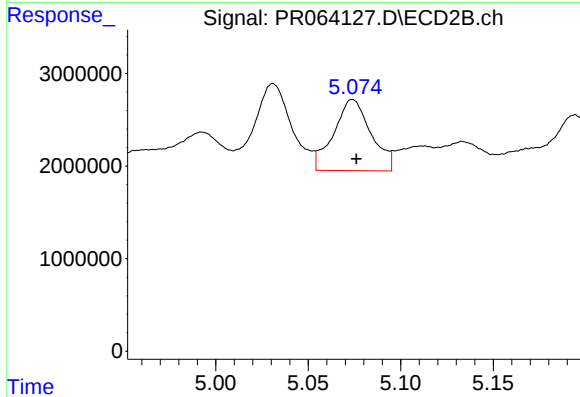
R.T.: 4.655 min
Delta R.T.: 0.001 min
Response: 3030028
Conc: 18.84 ng/ml



#25 AR-1248-5

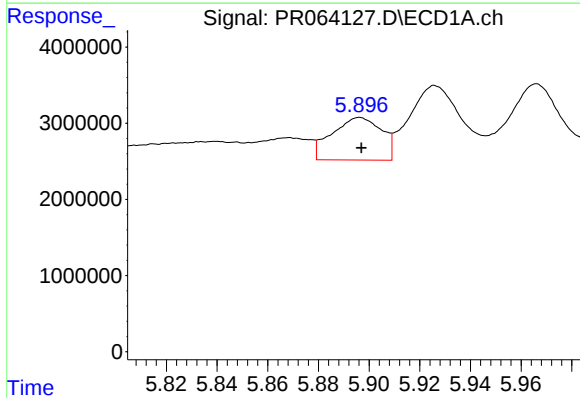
R.T.: 5.966 min
Delta R.T.: -0.001 min
Response: 16452714
Conc: 65.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



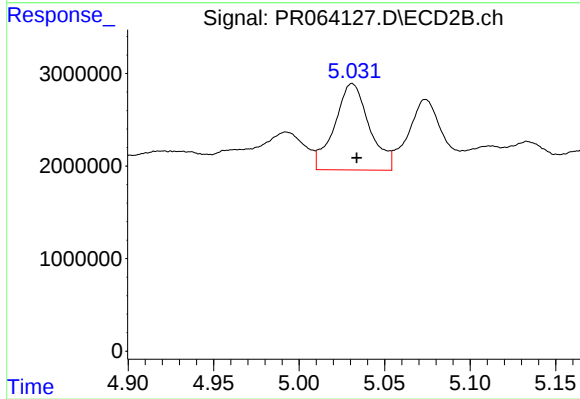
#25 AR-1248-5

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 10826052
Conc: 71.60 ng/ml



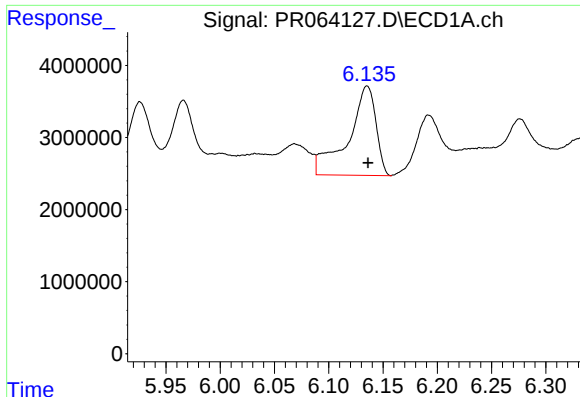
#26 AR-1254-1

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 7589731
Conc: 30.27 ng/ml



#26 AR-1254-1

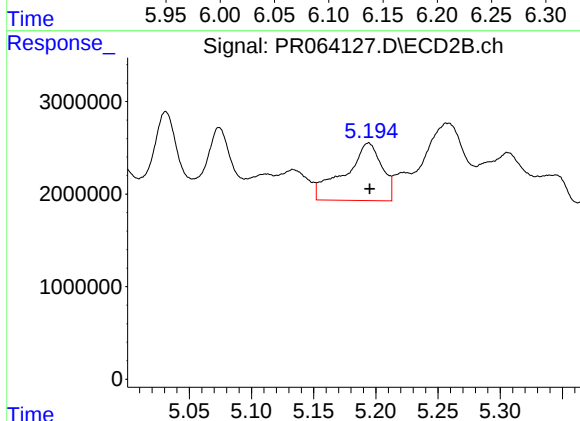
R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 13231556
Conc: 57.37 ng/ml



#27 AR-1254-2

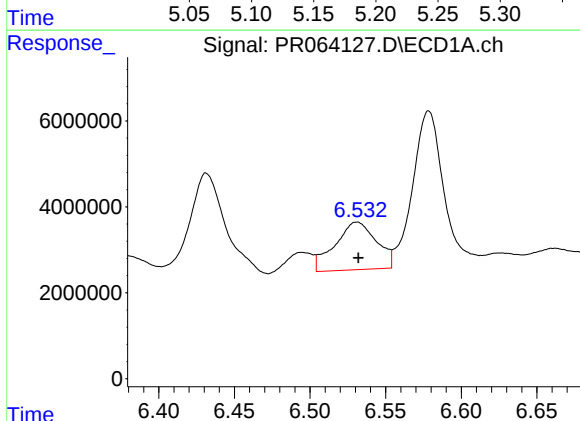
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 22010800
Conc: 57.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



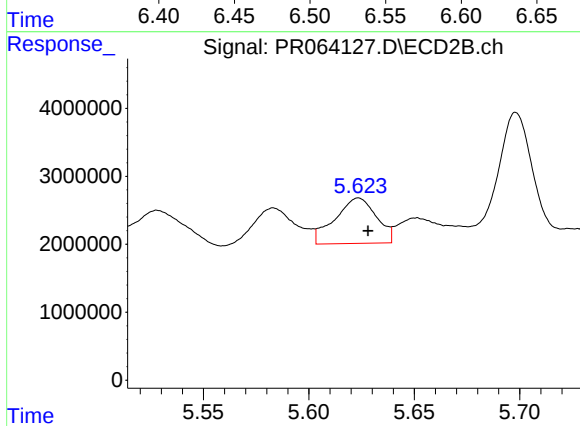
#27 AR-1254-2

R.T.: 5.194 min
Delta R.T.: -0.001 min
Response: 12937136
Conc: 65.34 ng/ml



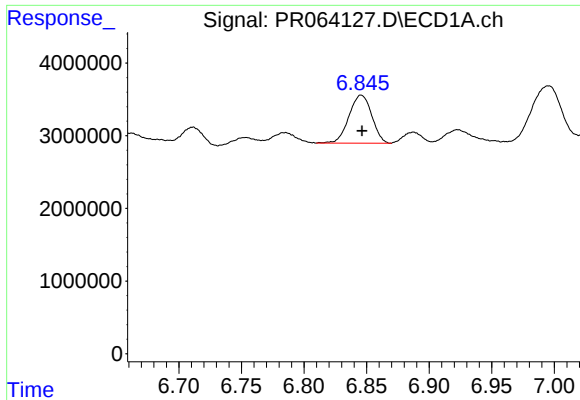
#28 AR-1254-3

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 21241648
Conc: 54.52 ng/ml



#28 AR-1254-3

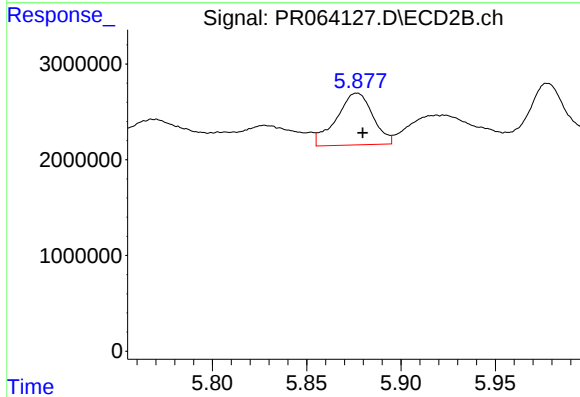
R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 9146842
Conc: 29.22 ng/ml



#29 AR-1254-4

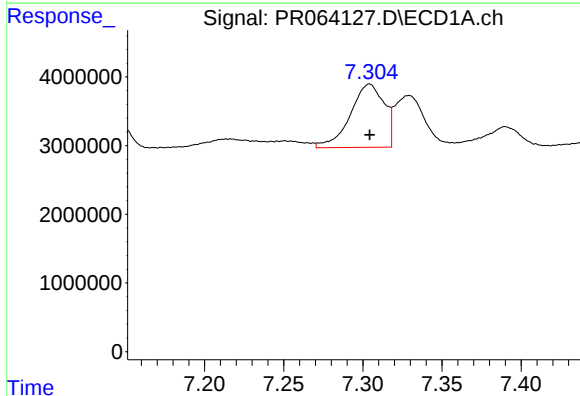
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 8376030
Conc: 31.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



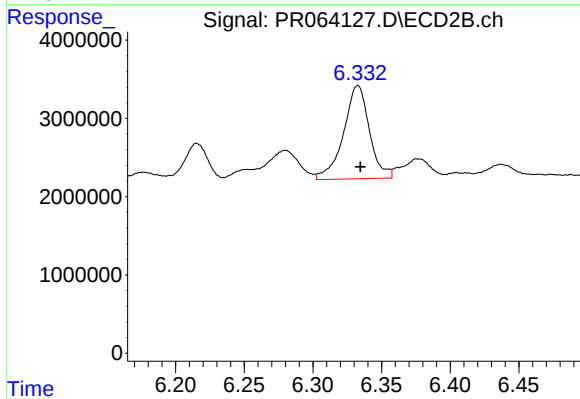
#29 AR-1254-4

R.T.: 5.877 min
Delta R.T.: -0.003 min
Response: 7268295
Conc: 38.68 ng/ml



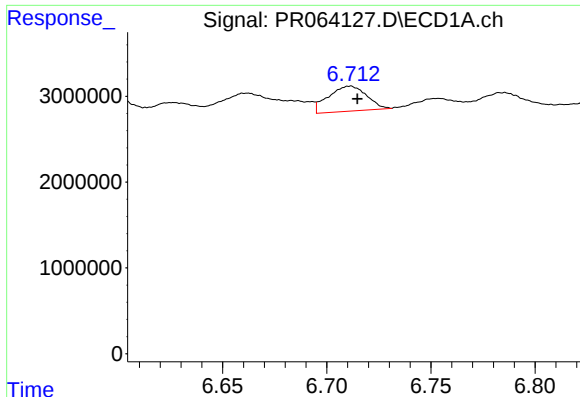
#30 AR-1254-5

R.T.: 7.304 min
Delta R.T.: 0.000 min
Response: 13709139
Conc: 46.63 ng/ml



#30 AR-1254-5

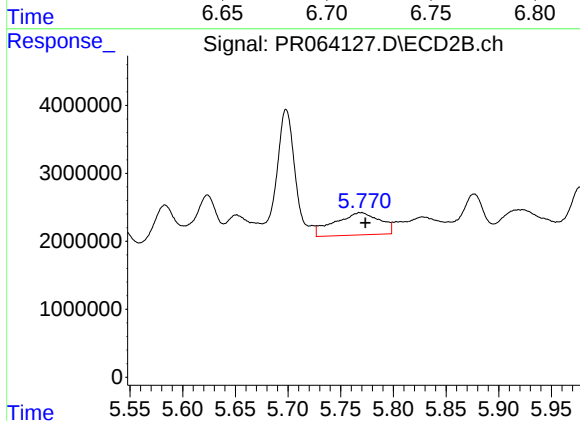
R.T.: 6.333 min
Delta R.T.: -0.002 min
Response: 15649120
Conc: 57.35 ng/ml



#31 AR-1260-1

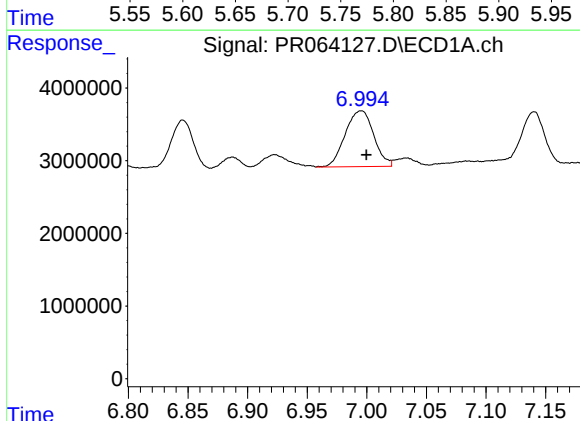
R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 3743863
Conc: 12.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



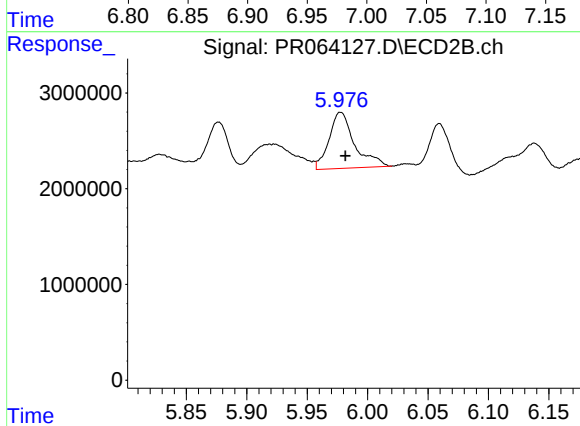
#31 AR-1260-1

R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 9851925
Conc: 43.88 ng/ml



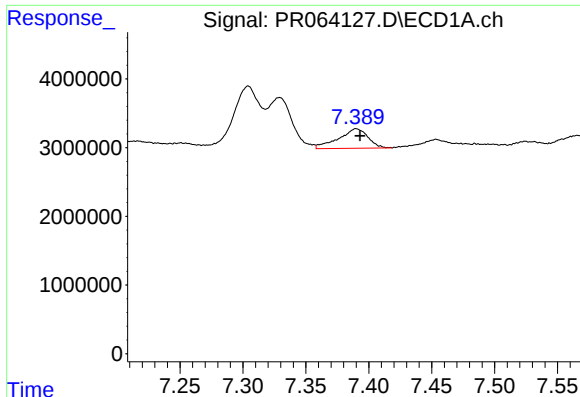
#32 AR-1260-2

R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 12772799
Conc: 36.93 ng/ml



#32 AR-1260-2

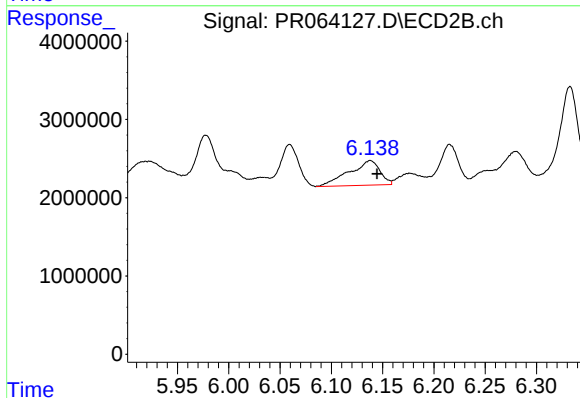
R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 8670159
Conc: 32.88 ng/ml



#33 AR-1260-3

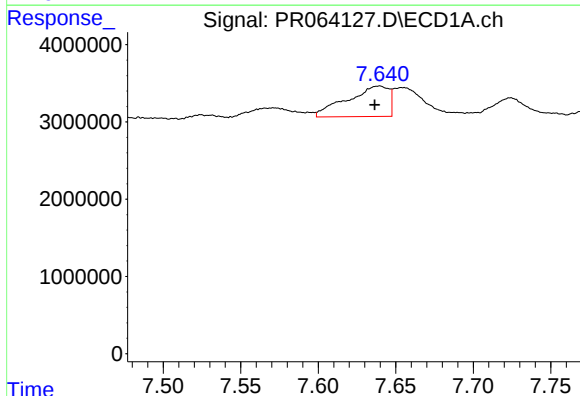
R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 4625589
Conc: 18.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



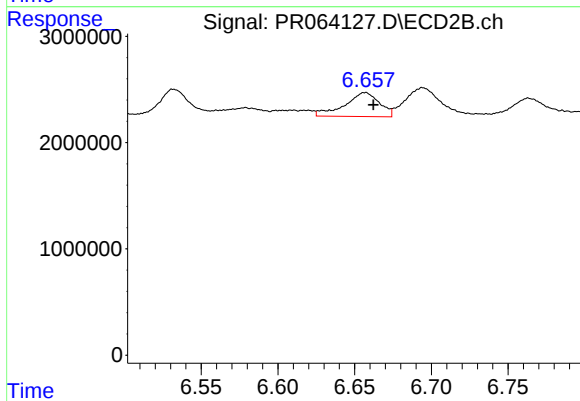
#33 AR-1260-3

R.T.: 6.138 min
Delta R.T.: -0.006 min
Response: 6595056
Conc: 26.08 ng/ml



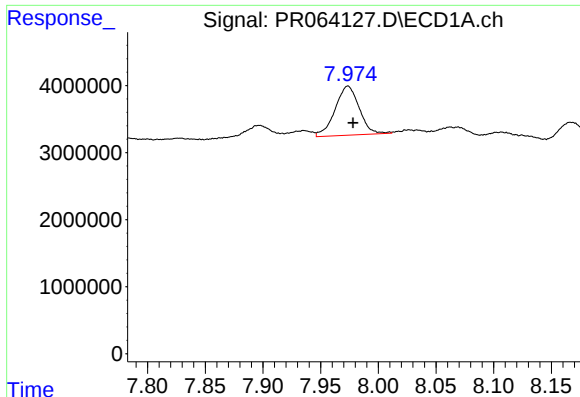
#34 AR-1260-4

R.T.: 7.639 min
Delta R.T.: 0.003 min
Response: 7374954
Conc: 26.09 ng/ml



#34 AR-1260-4

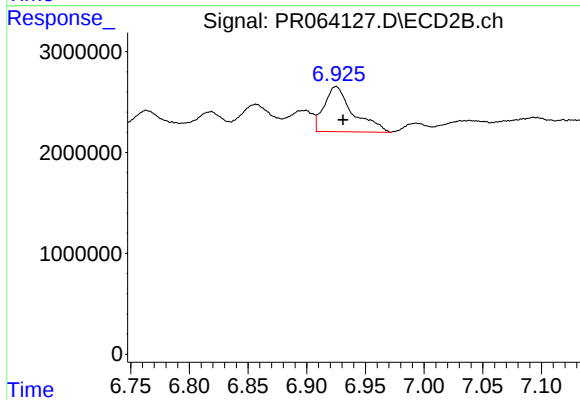
R.T.: 6.657 min
Delta R.T.: -0.005 min
Response: 3557581
Conc: 18.03 ng/ml



#35 AR-1260-5

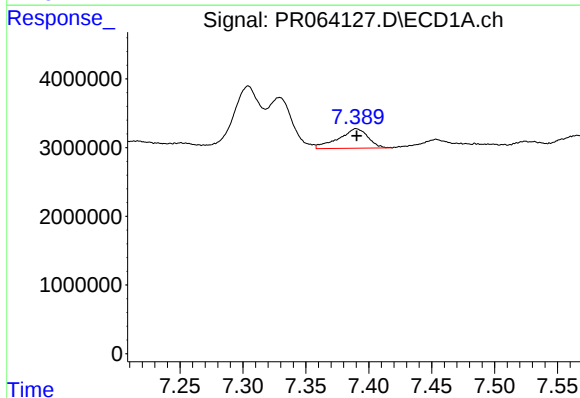
R.T.: 7.974 min
Delta R.T.: -0.005 min
Response: 10646998
Conc: 19.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



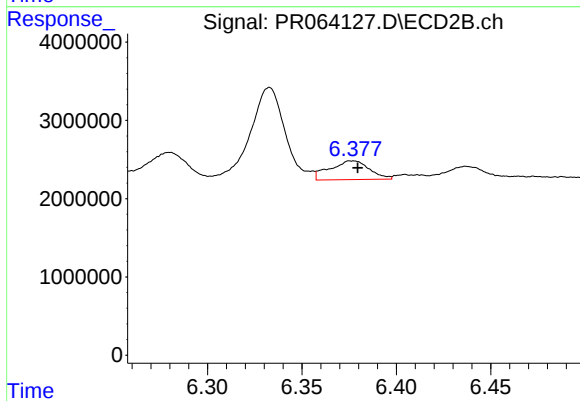
#35 AR-1260-5

R.T.: 6.925 min
Delta R.T.: -0.006 min
Response: 7698470
Conc: 18.13 ng/ml



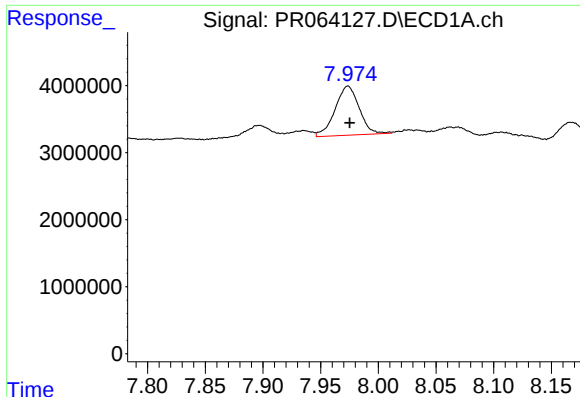
#36 AR-1262-1

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 4625589
Conc: 12.29 ng/ml



#36 AR-1262-1

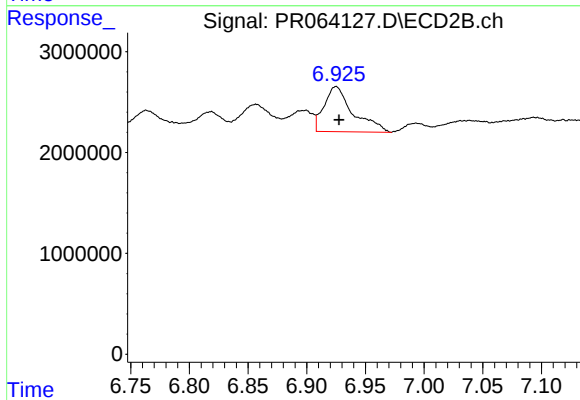
R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 3493887
Conc: 12.00 ng/ml



#37 AR-1262-2

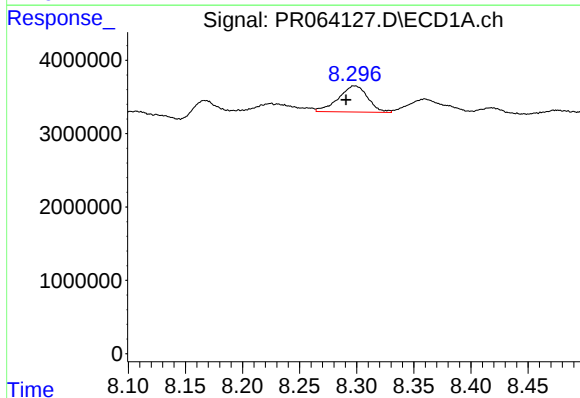
R.T.: 7.974 min
Delta R.T.: -0.002 min
Response: 10646998
Conc: 17.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



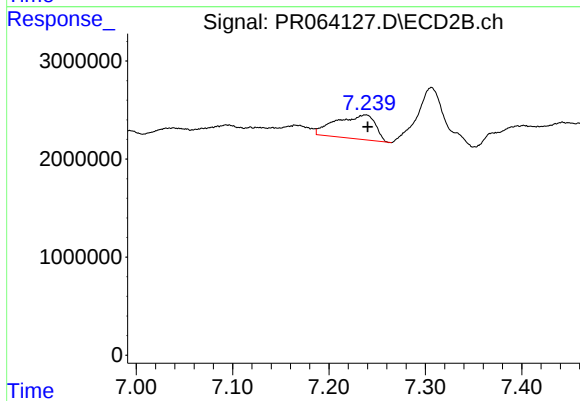
#37 AR-1262-2

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 7698470
Conc: 16.49 ng/ml



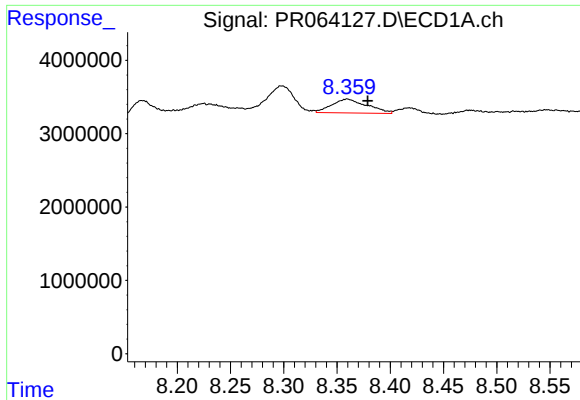
#38 AR-1262-3

R.T.: 8.298 min
Delta R.T.: 0.008 min
Response: 6354753
Conc: 15.17 ng/ml



#38 AR-1262-3

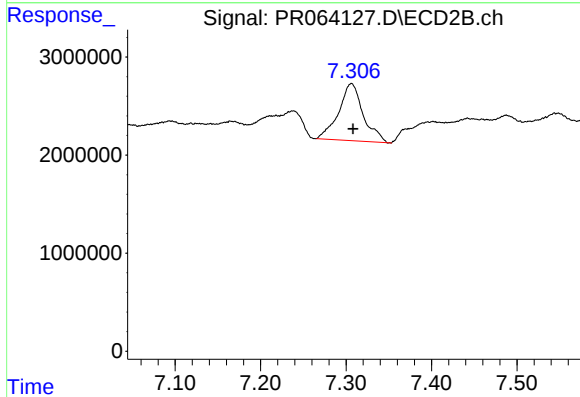
R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 7003596
Conc: 38.35 ng/ml



#39 AR-1262-4

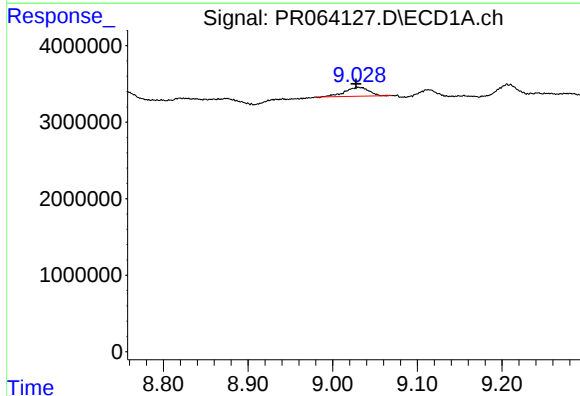
R.T.: 8.359 min
Delta R.T.: -0.020 min
Response: 4369439
Conc: 13.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



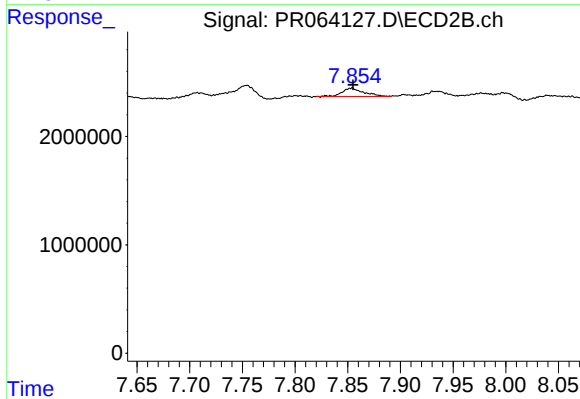
#39 AR-1262-4

R.T.: 7.306 min
Delta R.T.: -0.002 min
Response: 11653216
Conc: 34.60 ng/ml



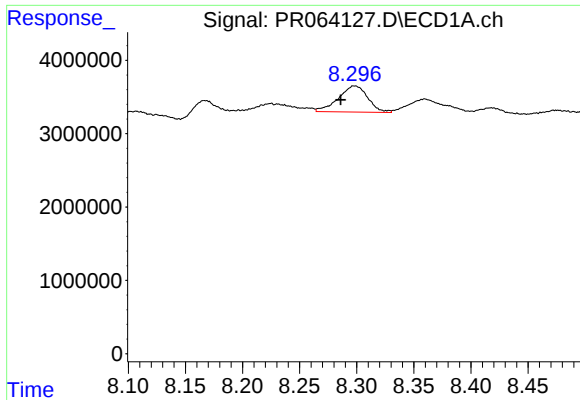
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: 0.002 min
Response: 2319917
Conc: 10.56 ng/ml



#40 AR-1262-5

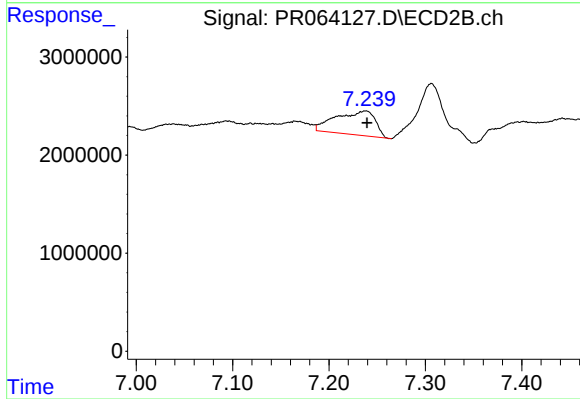
R.T.: 7.854 min
Delta R.T.: -0.001 min
Response: 1100792
Conc: 7.53 ng/ml



#41 AR-1268-1

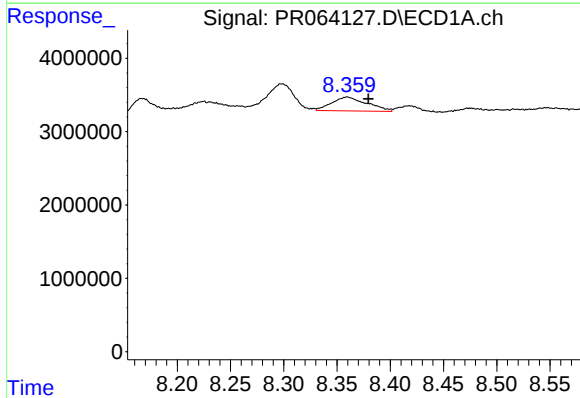
R.T.: 8.298 min
Delta R.T.: 0.012 min
Response: 6354753
Conc: 8.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



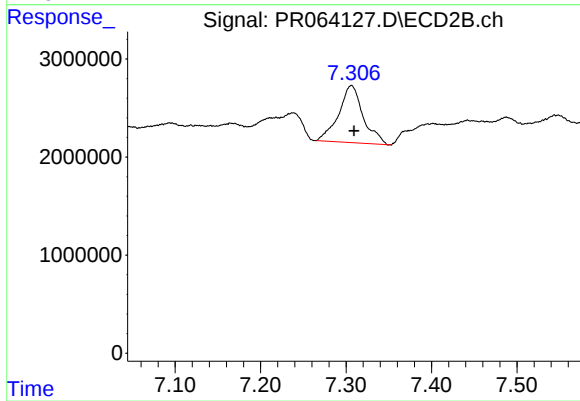
#41 AR-1268-1

R.T.: 7.238 min
Delta R.T.: -0.001 min
Response: 7003596
Conc: 13.46 ng/ml



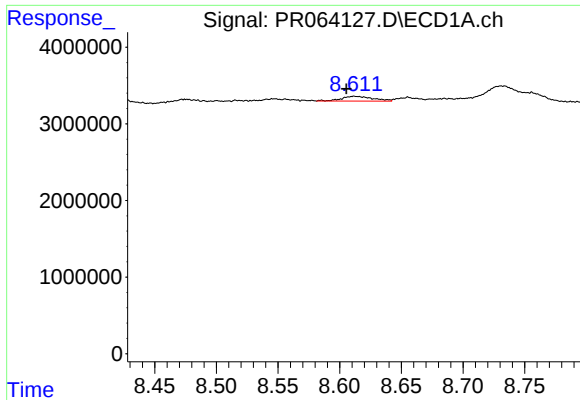
#42 AR-1268-2

R.T.: 8.359 min
Delta R.T.: -0.020 min
Response: 4369439
Conc: 6.58 ng/ml



#42 AR-1268-2

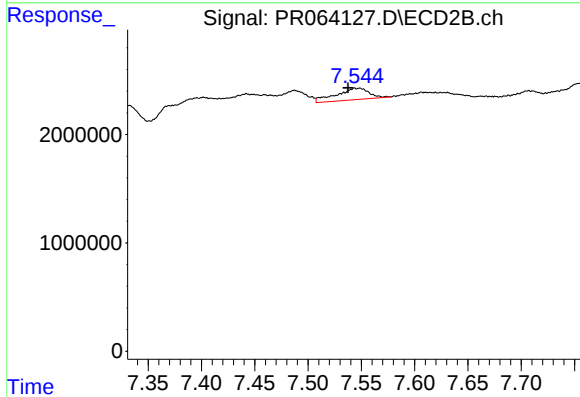
R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 11653216
Conc: 24.68 ng/ml



#43 AR-1268-3

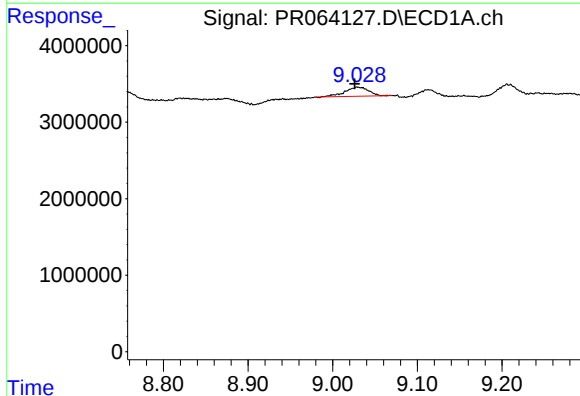
R.T.: 8.612 min
Delta R.T.: 0.007 min
Response: 1119659
Conc: 1.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



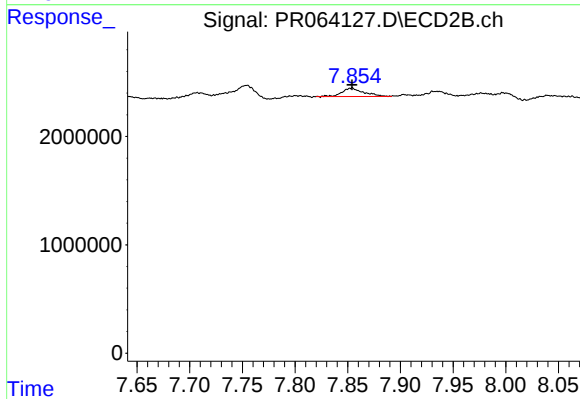
#43 AR-1268-3

R.T.: 7.544 min
Delta R.T.: 0.007 min
Response: 2277982
Conc: 5.70 ng/ml



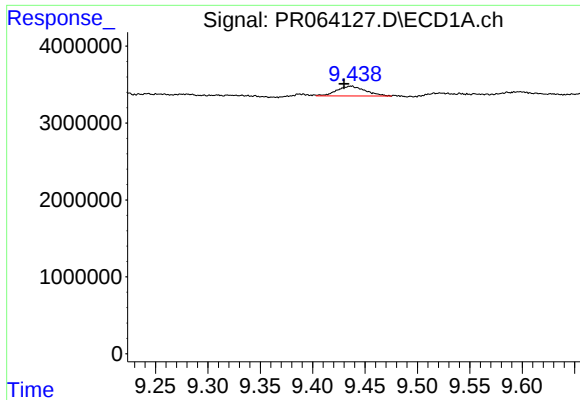
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: 0.003 min
Response: 2319917
Conc: 9.92 ng/ml



#44 AR-1268-4

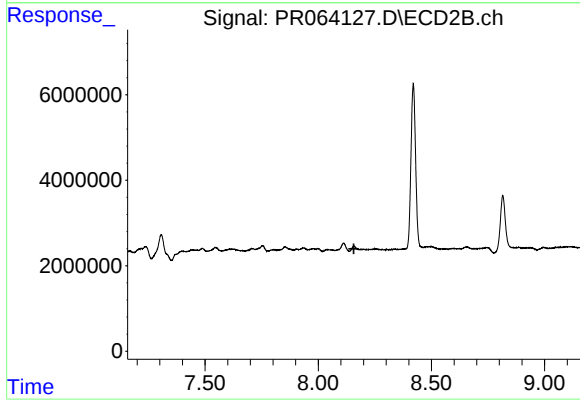
R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 1100792
Conc: 6.76 ng/ml



#45 AR-1268-5

R.T.: 9.437 min
Delta R.T.: 0.007 min
Response: 2421581
Conc: 1.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: -360113
Conc: N.D.