

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121923\
 Data File : PR064780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 11:57
 Operator : AJ\MA
 Sample : 05849-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 01:23:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 15 04:19:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.702	3.008	92211435	83484602	15.261	15.457
2)	SA Decachlor...	9.724	8.386	38456379	40727529	17.452	15.555
Target Compounds							
3)	L1 AR-1016-1	4.939	4.154	11589352	5157266	64.019	27.793 #
4)	L1 AR-1016-2	4.961	4.173	21129924	7736784	79.647	30.477 #
5)	L1 AR-1016-3	5.028	4.356	11752337	2733461	69.711	19.809 #
6)	L1 AR-1016-4	5.131	4.408	13597539	7502257	99.861	70.480 #
7)	L1 AR-1016-5	5.450	4.631	6400346	6296048	46.631	44.938
8)	L2 AR-1221-1	3.912	3.228	1825453	116754	26.647	1.929 #
9)	L2 AR-1221-2	4.016	3.318	2061164	1129203	44.249	26.757 #
10)	L2 AR-1221-3	4.088	3.405	516364	435022	3.356	3.037
11)	L3 AR-1232-1	4.088	3.405	516364	435022	4.320	3.949
12)	L3 AR-1232-2	4.650	4.173	11254629	7736784	168.815	72.292 #
13)	L3 AR-1232-3	4.961	4.356	21129924	2733461	184.403	48.258 #
14)	L3 AR-1232-4	5.131	4.450	13597539	7692086	232.441	155.046 #
15)	L3 AR-1232-5	5.235	4.631	13135009	6296048	308.956	116.327 #
16)	L4 AR-1242-1	4.939	4.154	11589352	5157266	80.104	35.163 #
17)	L4 AR-1242-2	4.961	4.173	21129924	7736784	101.216	38.853 #
18)	L4 AR-1242-3	5.028	4.356	11752337	2733461	86.881	25.272 #
19)	L4 AR-1242-4	5.131	4.450	13597539	7692086	125.988	73.973 #
20)	L4 AR-1242-5	5.928	5.010	21585976	25414464	188.592	188.987
21)	L5 AR-1248-1	4.939	4.154	11589352	5157266	105.879	46.446 #
22)	L5 AR-1248-2	5.235	4.408	13135009	7502257	84.103	49.927 #
23)	L5 AR-1248-3	5.450	4.450	6400346	7692086	35.019	48.960 #
24)	L5 AR-1248-4	5.889	4.631	19485267	6296048	99.623	33.174 #
25)	L5 AR-1248-5	5.928	5.053	21585976	23002807	110.414	119.113
26)	L6 AR-1254-1	5.858	5.010	7459469	25414464	37.092	88.404 #
27)	L6 AR-1254-2	6.099	5.172	17840675	11135456	58.658	44.716
28)	L6 AR-1254-3	6.495	5.603	16403350	19960998	52.699	50.165
29)	L6 AR-1254-4	6.811	5.854	13251936	15764878	60.264	63.132
30)	L6 AR-1254-5	7.270	6.309	8120287	43552232	34.191	122.213 #
31)	L7 AR-1260-1	6.677	5.748	4937384	9947935	19.758	34.425 #
32)	L7 AR-1260-2	6.957	5.954	16744925	6688518	58.580	19.251 #
33)	L7 AR-1260-3	7.361	6.116	40479447	4688669	190.913	14.245 #
34)	L7 AR-1260-4	7.602	6.631	2684148	3544672	11.678	13.142
35)	L7 AR-1260-5	7.944	6.901	12405711	9453886	28.912	15.128 #
36)	L8 AR-1262-1	7.361	6.354	40479447	4937585	140.770	13.525 #
37)	L8 AR-1262-2	7.944	6.901	12405711	9453886	26.628	14.330 #
38)	L8 AR-1262-3	8.266	7.212	4328622	3086743	13.729	12.310
39)	L8 AR-1262-4	8.330	7.277	3205391	11201141	13.443	23.468 #
40)	L8 AR-1262-5	8.992	7.826	2338594	1937005	14.389	9.123 #
41)	L9 AR-1268-1	8.266	7.212	4328622	3086743	7.596	3.949 #

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 Operator : AJ\MA
 Sample : 05849-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

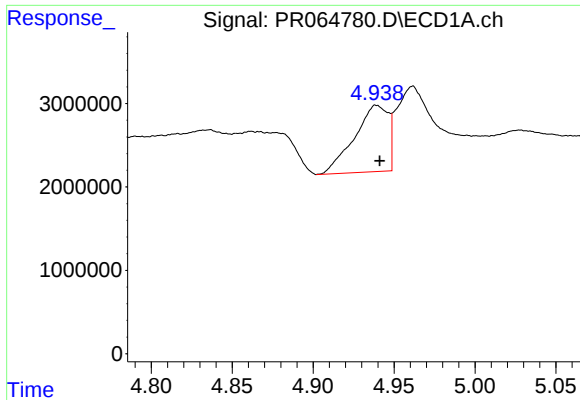
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 01:23:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.330	7.277	3205391	11201141	6.332	15.609 #
43) L9	AR-1268-3	8.578	7.523	787482	2622174	1.779	4.378 #
44) L9	AR-1268-4	8.992	7.826	2338594	1937005	12.585	7.754 #
45) L9	AR-1268-5	9.406	8.125	2164477	1174362	1.617	0.653 #

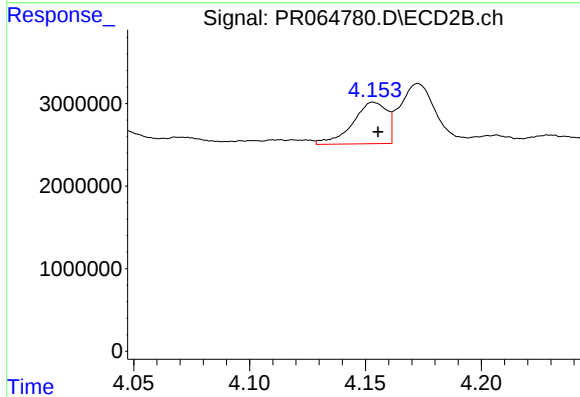
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

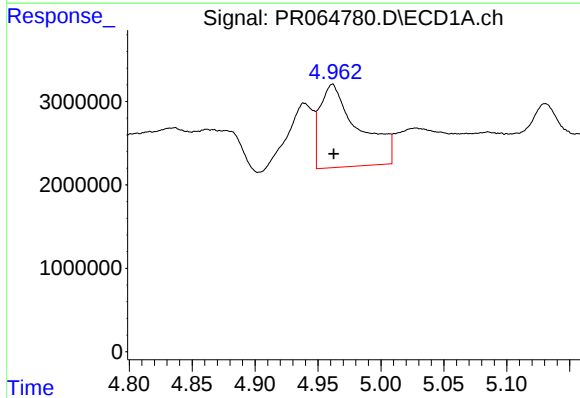
R.T.: 4.939 min
Delta R.T.: -0.002 min
Response: 11589352
Conc: 64.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



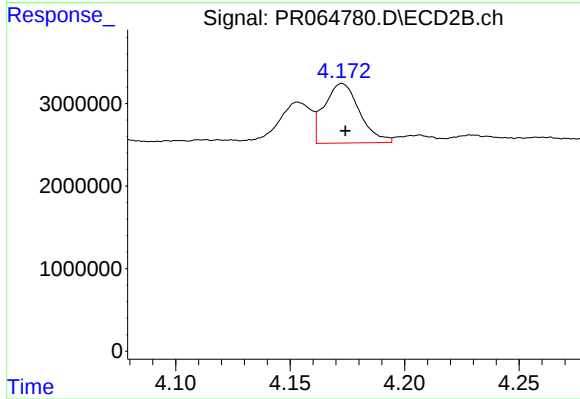
#3 AR-1016-1

R.T.: 4.154 min
Delta R.T.: -0.002 min
Response: 5157266
Conc: 27.79 ng/ml



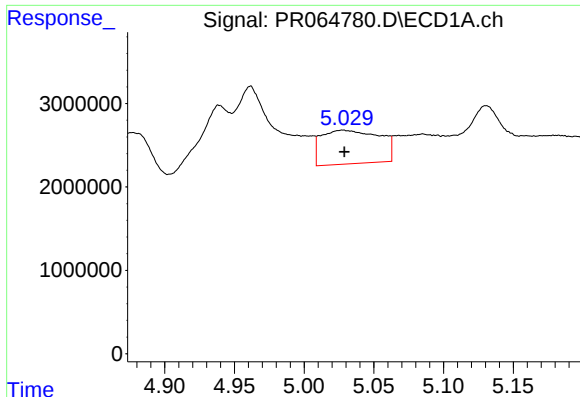
#4 AR-1016-2

R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 21129924
Conc: 79.65 ng/ml



#4 AR-1016-2

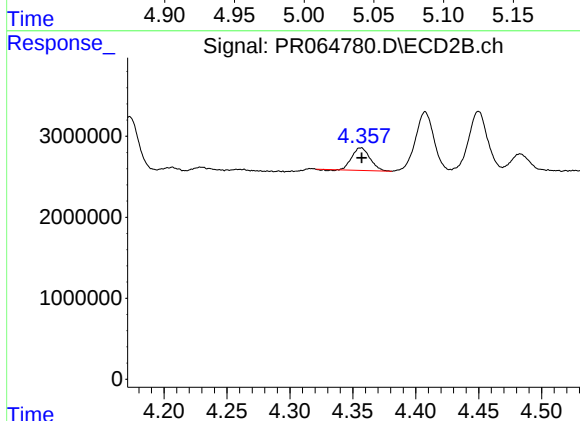
R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 7736784
Conc: 30.48 ng/ml



#5 AR-1016-3

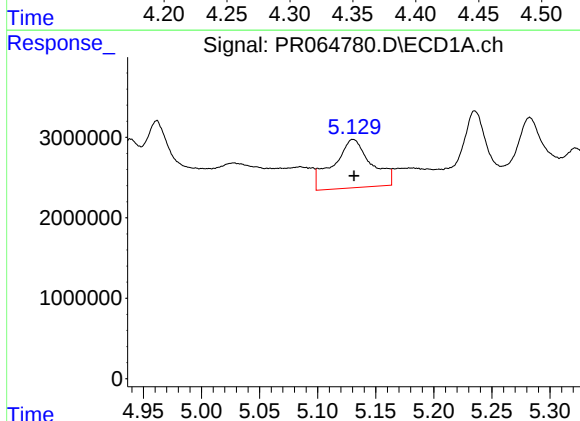
R.T.: 5.028 min
Delta R.T.: -0.001 min
Response: 11752337
Conc: 69.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



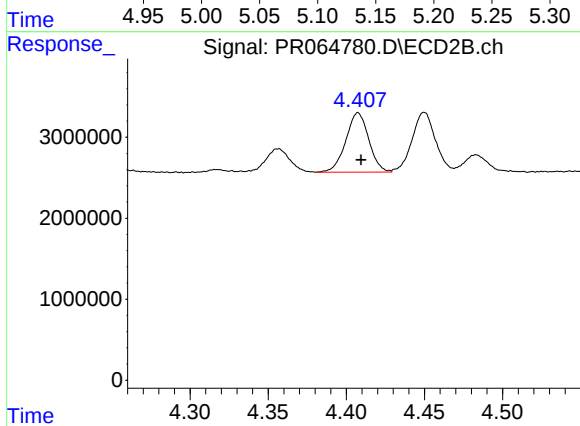
#5 AR-1016-3

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 2733461
Conc: 19.81 ng/ml



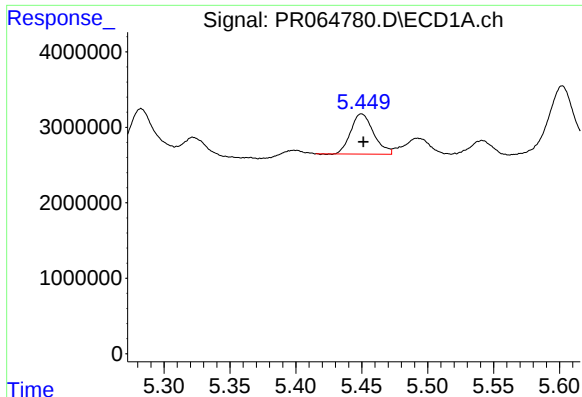
#6 AR-1016-4

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 13597539
Conc: 99.86 ng/ml



#6 AR-1016-4

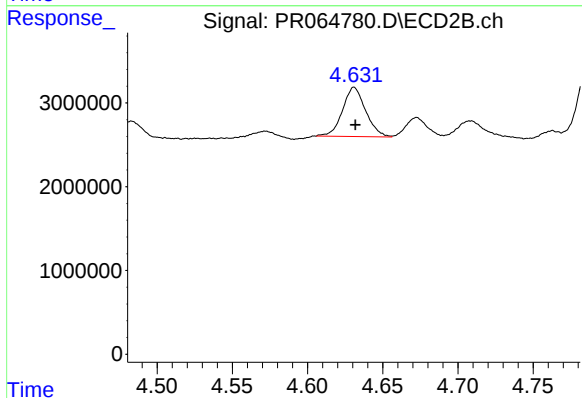
R.T.: 4.408 min
Delta R.T.: -0.002 min
Response: 7502257
Conc: 70.48 ng/ml



#7 AR-1016-5

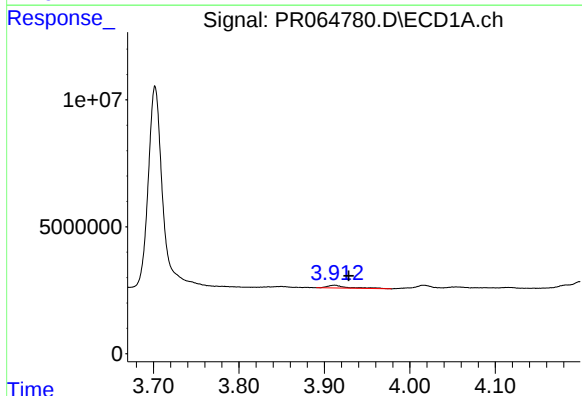
R.T.: 5.450 min
Delta R.T.: -0.001 min
Response: 6400346
Conc: 46.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



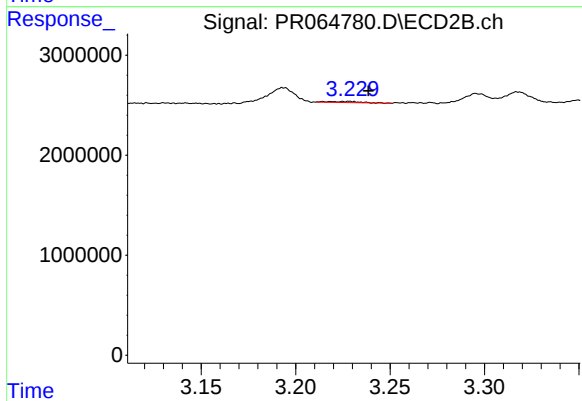
#7 AR-1016-5

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 6296048
Conc: 44.94 ng/ml



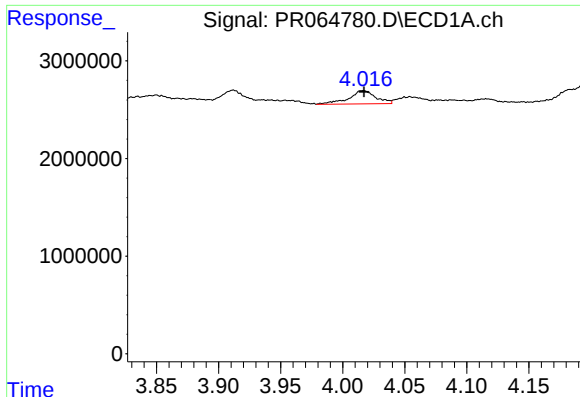
#8 AR-1221-1

R.T.: 3.912 min
Delta R.T.: -0.016 min
Response: 1825453
Conc: 26.65 ng/ml



#8 AR-1221-1

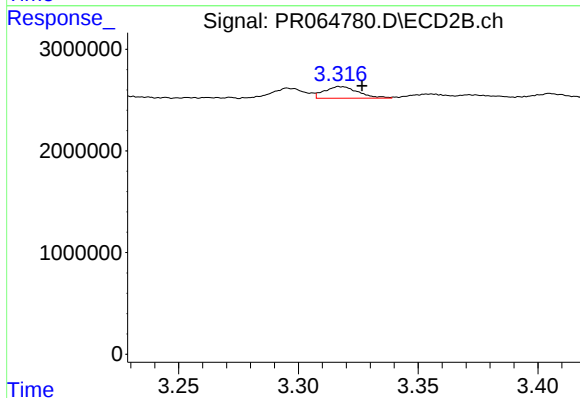
R.T.: 3.228 min
Delta R.T.: -0.010 min
Response: 116754
Conc: 1.93 ng/ml



#9 AR-1221-2

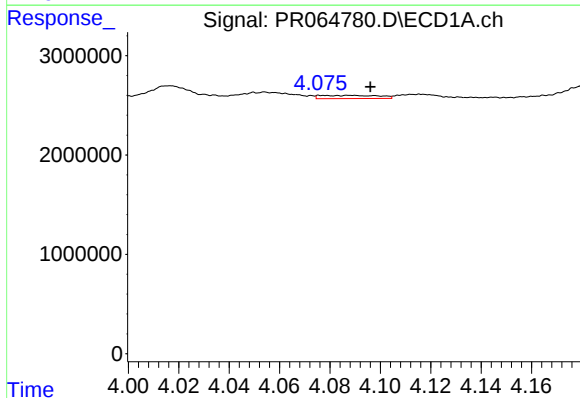
R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 2061164
Conc: 44.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



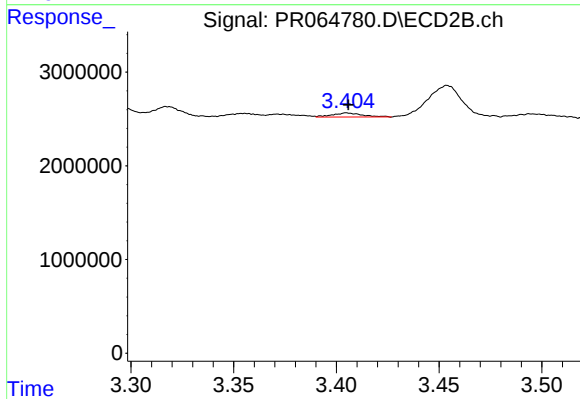
#9 AR-1221-2

R.T.: 3.318 min
Delta R.T.: -0.009 min
Response: 1129203
Conc: 26.76 ng/ml



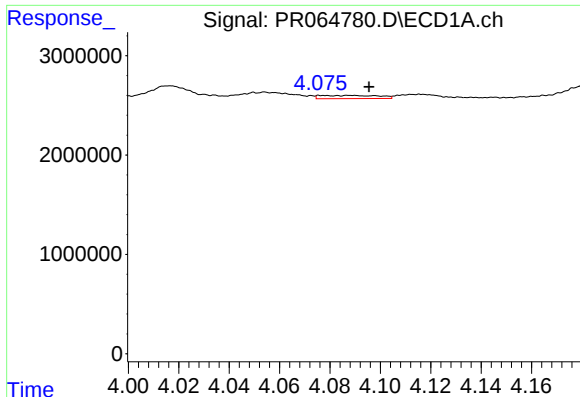
#10 AR-1221-3

R.T.: 4.088 min
Delta R.T.: -0.008 min
Response: 516364
Conc: 3.36 ng/ml



#10 AR-1221-3

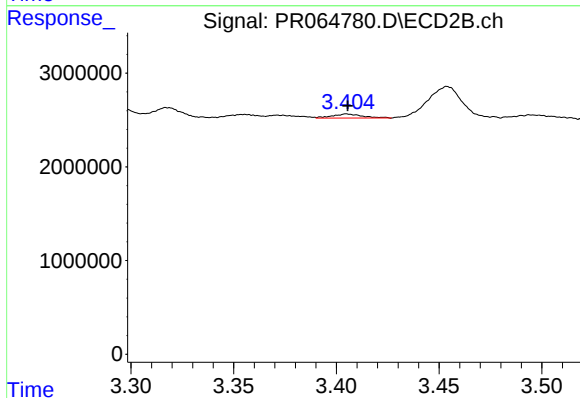
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 435022
Conc: 3.04 ng/ml



#11 AR-1232-1

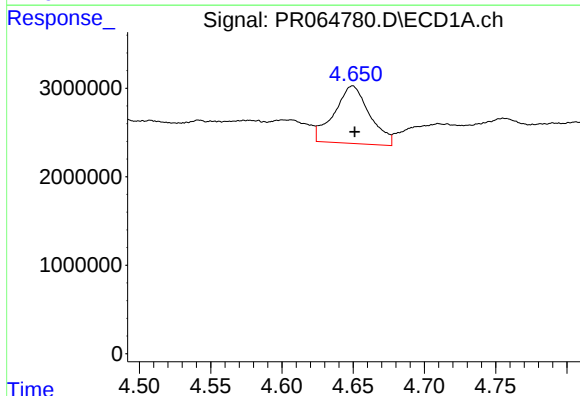
R.T.: 4.088 min
Delta R.T.: -0.007 min
Response: 516364
Conc: 4.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



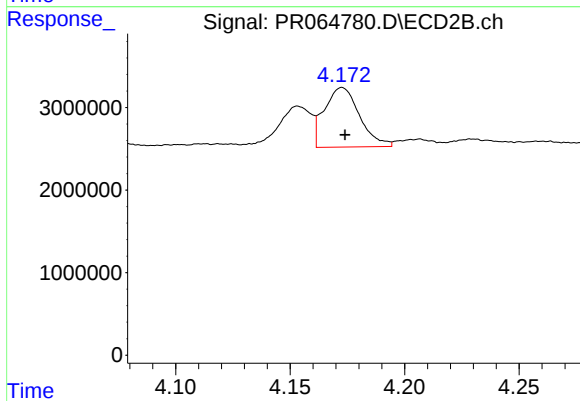
#11 AR-1232-1

R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 435022
Conc: 3.95 ng/ml



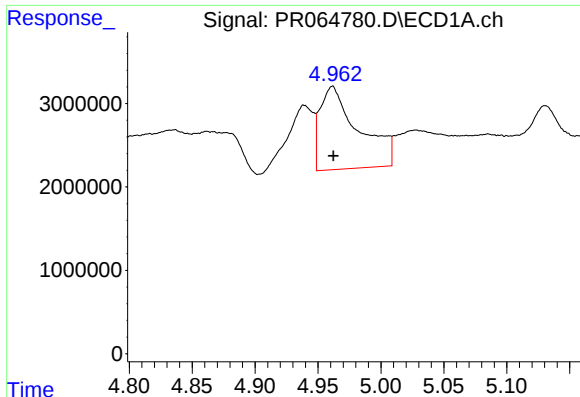
#12 AR-1232-2

R.T.: 4.650 min
Delta R.T.: -0.001 min
Response: 11254629
Conc: 168.81 ng/ml



#12 AR-1232-2

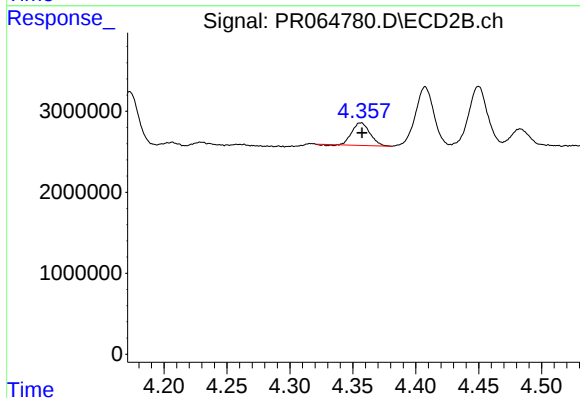
R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 7736784
Conc: 72.29 ng/ml



#13 AR-1232-3

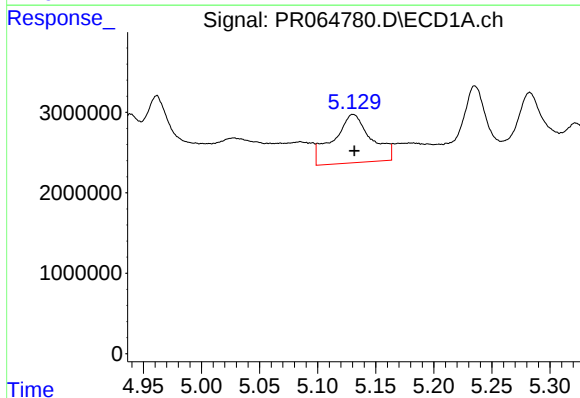
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 21129924
Conc: 184.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



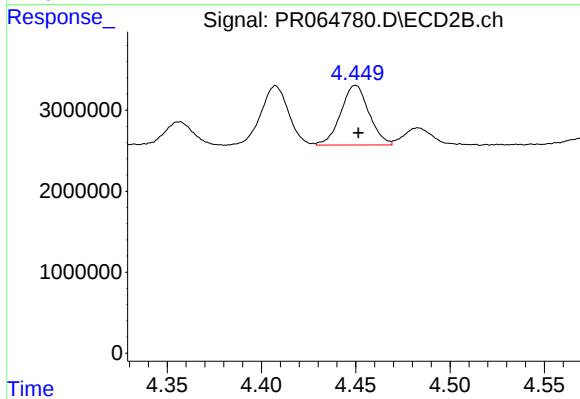
#13 AR-1232-3

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 2733461
Conc: 48.26 ng/ml



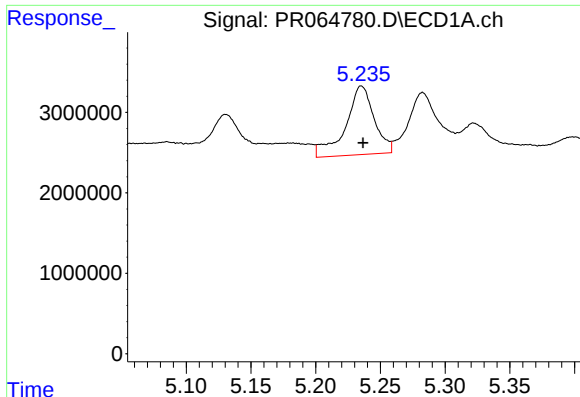
#14 AR-1232-4

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 13597539
Conc: 232.44 ng/ml



#14 AR-1232-4

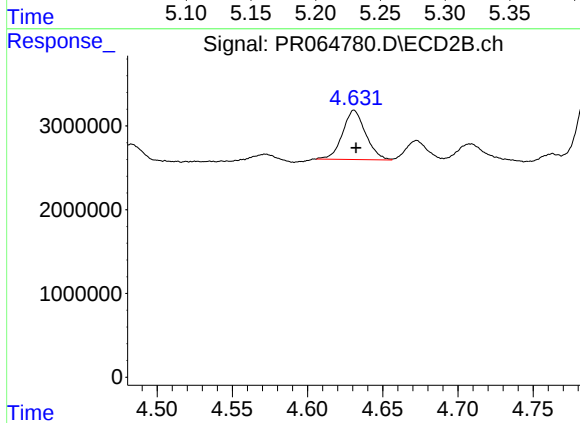
R.T.: 4.450 min
Delta R.T.: -0.002 min
Response: 7692086
Conc: 155.05 ng/ml



#15 AR-1232-5

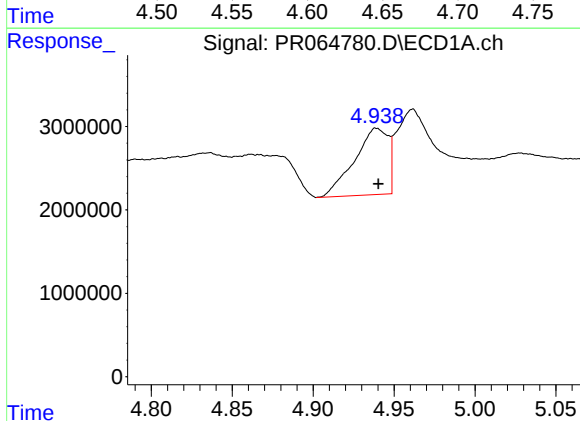
R.T.: 5.235 min
Delta R.T.: -0.001 min
Response: 13135009
Conc: 308.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



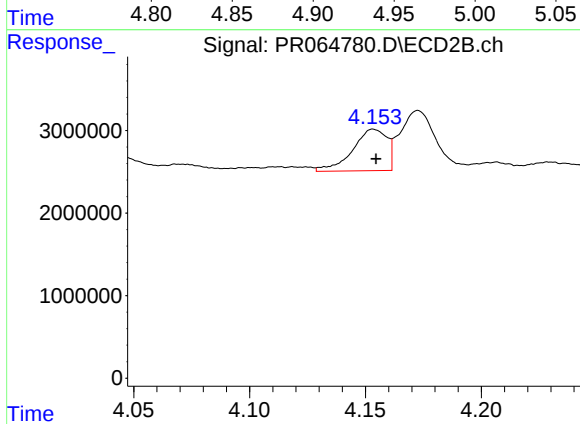
#15 AR-1232-5

R.T.: 4.631 min
Delta R.T.: -0.001 min
Response: 6296048
Conc: 116.33 ng/ml



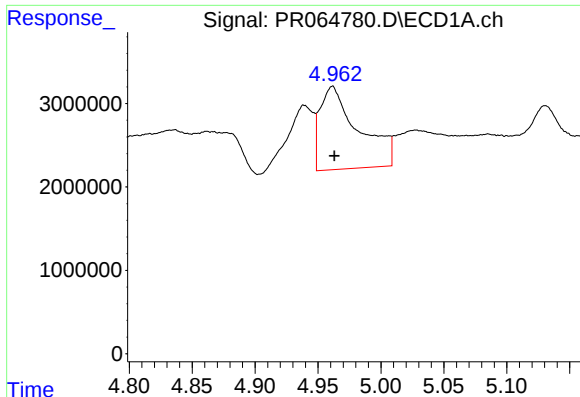
#16 AR-1242-1

R.T.: 4.939 min
Delta R.T.: -0.001 min
Response: 11589352
Conc: 80.10 ng/ml



#16 AR-1242-1

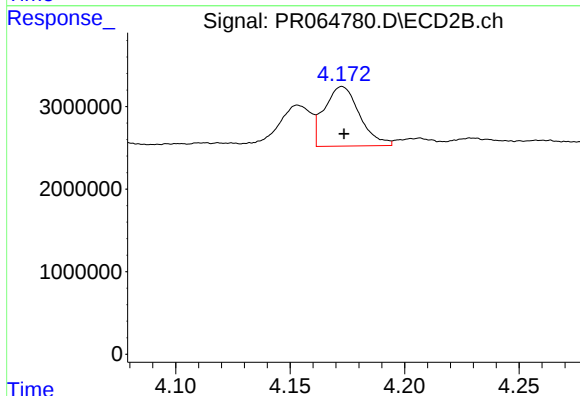
R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 5157266
Conc: 35.16 ng/ml



#17 AR-1242-2

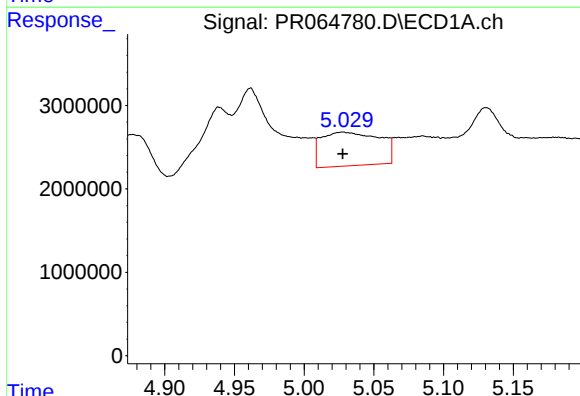
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 21129924
Conc: 101.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



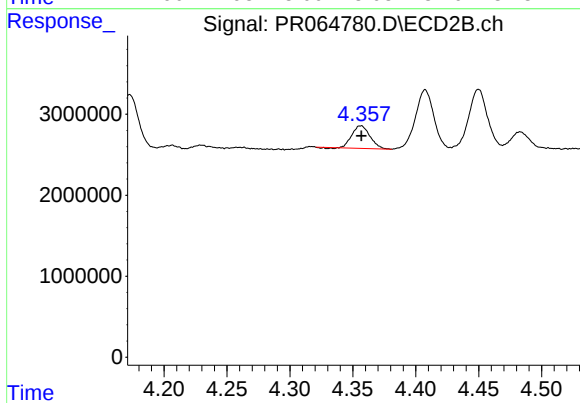
#17 AR-1242-2

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 7736784
Conc: 38.85 ng/ml



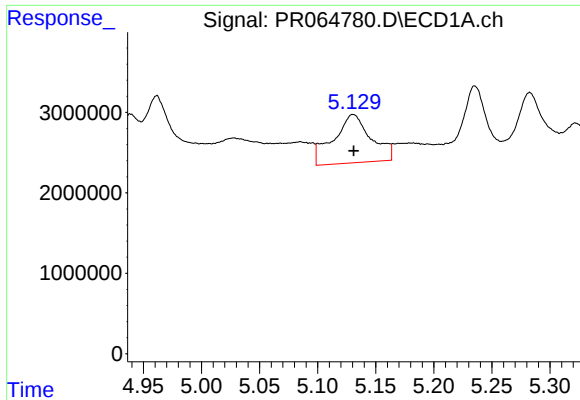
#18 AR-1242-3

R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 11752337
Conc: 86.88 ng/ml



#18 AR-1242-3

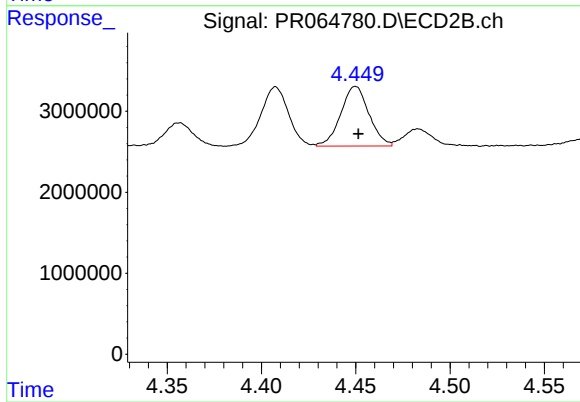
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 2733461
Conc: 25.27 ng/ml



#19 AR-1242-4

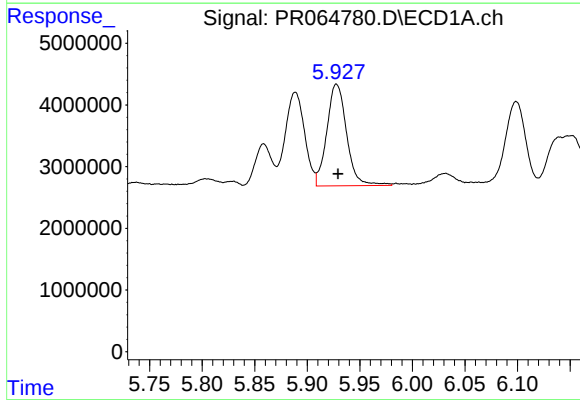
R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 13597539
Conc: 125.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



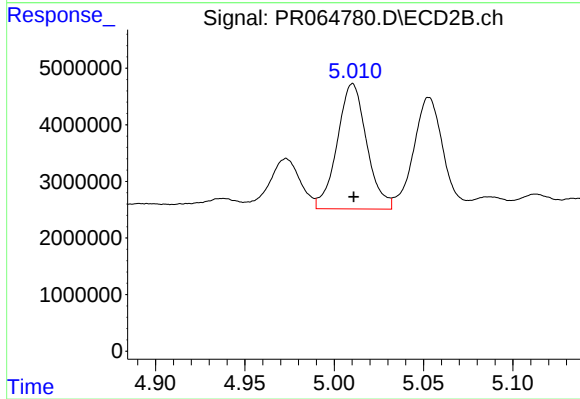
#19 AR-1242-4

R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 7692086
Conc: 73.97 ng/ml



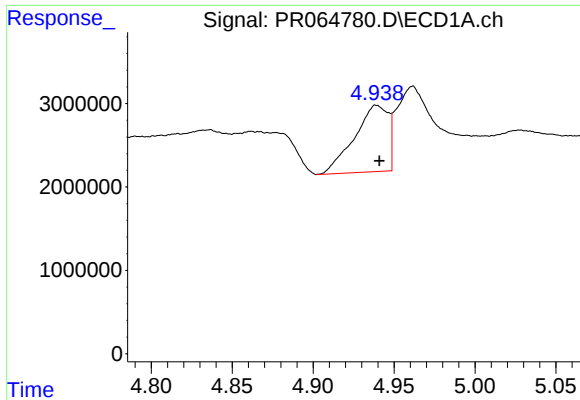
#20 AR-1242-5

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 21585976
Conc: 188.59 ng/ml



#20 AR-1242-5

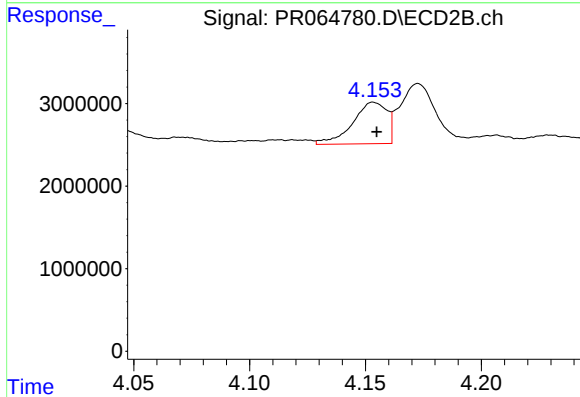
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 25414464
Conc: 188.99 ng/ml



#21 AR-1248-1

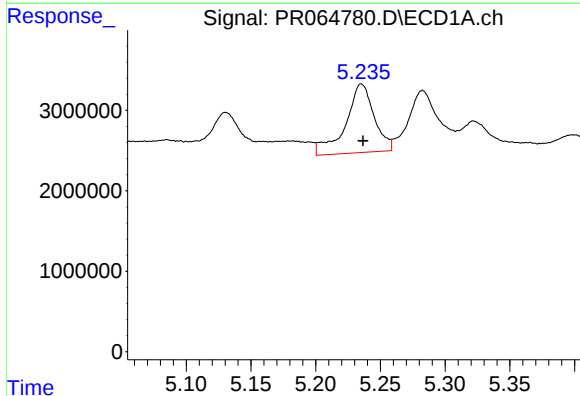
R.T.: 4.939 min
Delta R.T.: -0.002 min
Response: 11589352
Conc: 105.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



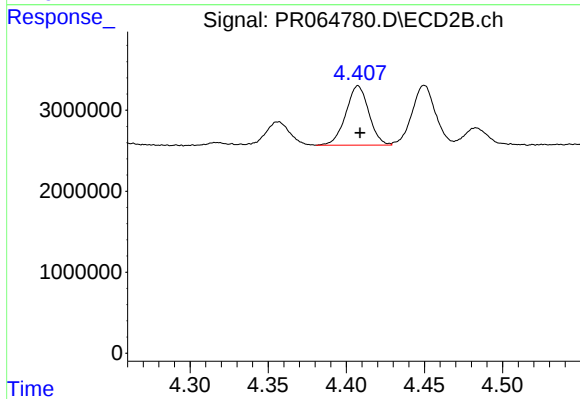
#21 AR-1248-1

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 5157266
Conc: 46.45 ng/ml



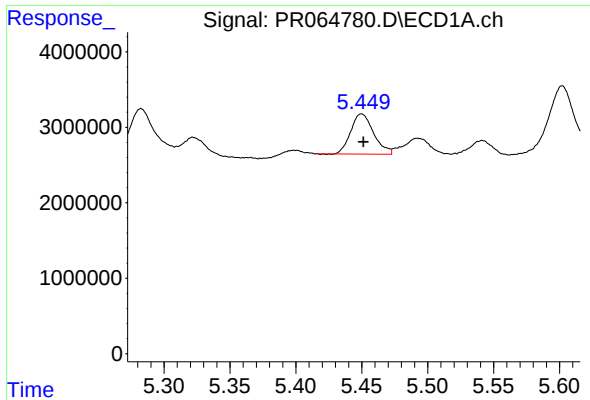
#22 AR-1248-2

R.T.: 5.235 min
Delta R.T.: -0.001 min
Response: 13135009
Conc: 84.10 ng/ml



#22 AR-1248-2

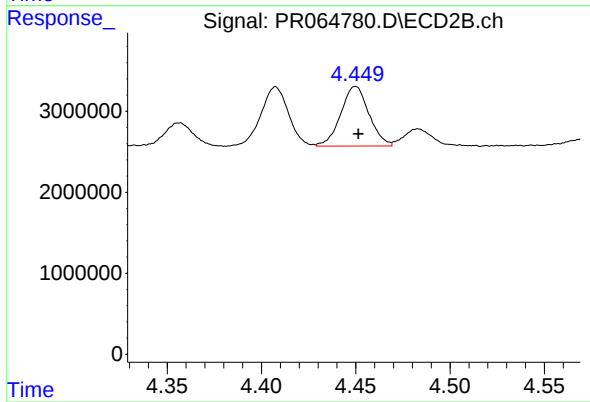
R.T.: 4.408 min
Delta R.T.: -0.001 min
Response: 7502257
Conc: 49.93 ng/ml



#23 AR-1248-3

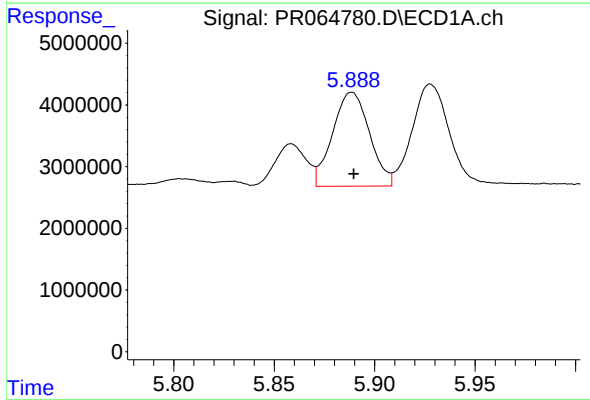
R.T.: 5.450 min
Delta R.T.: -0.001 min
Response: 6400346
Conc: 35.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



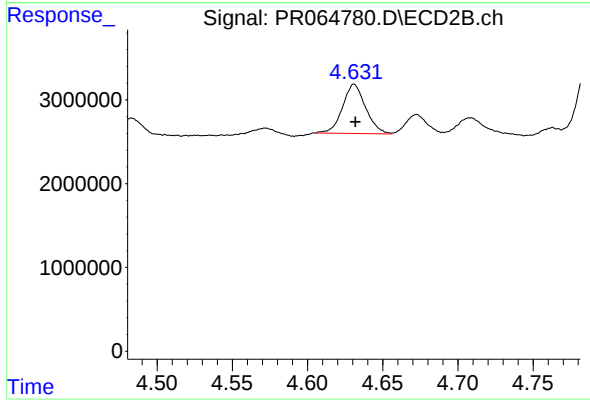
#23 AR-1248-3

R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 7692086
Conc: 48.96 ng/ml



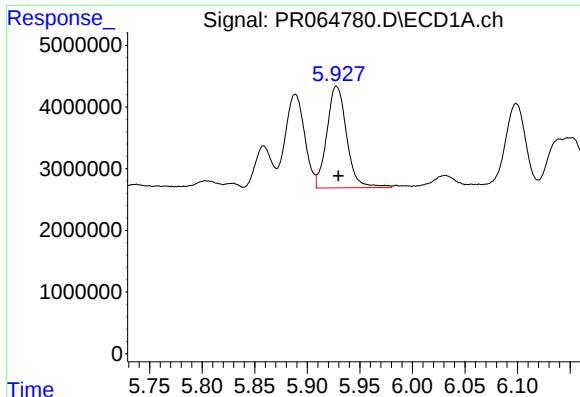
#24 AR-1248-4

R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 19485267
Conc: 99.62 ng/ml



#24 AR-1248-4

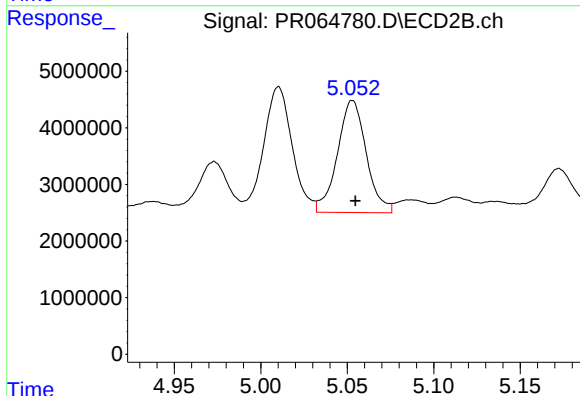
R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 6296048
Conc: 33.17 ng/ml



#25 AR-1248-5

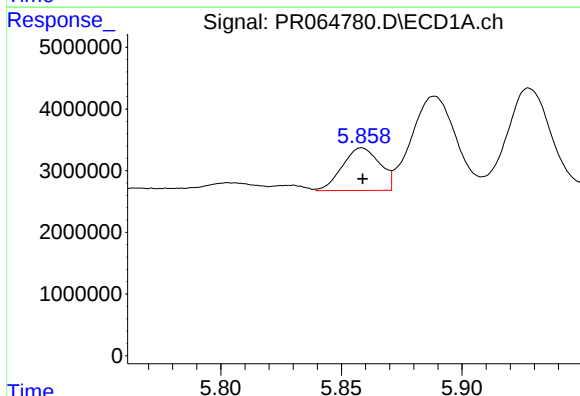
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 21585976
Conc: 110.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



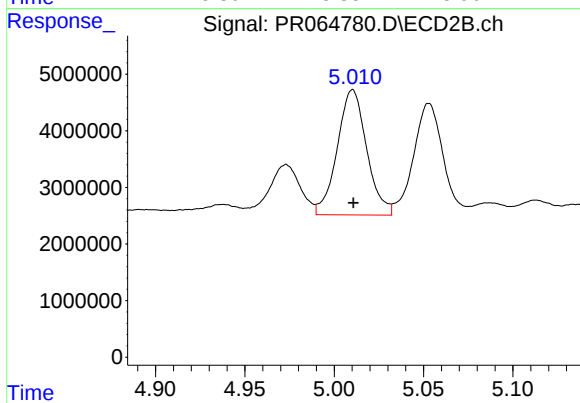
#25 AR-1248-5

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 23002807
Conc: 119.11 ng/ml



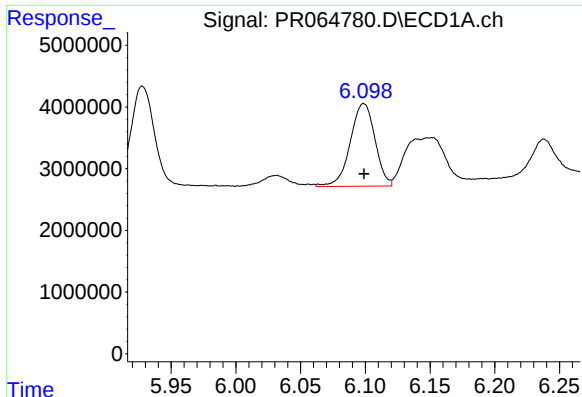
#26 AR-1254-1

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 7459469
Conc: 37.09 ng/ml



#26 AR-1254-1

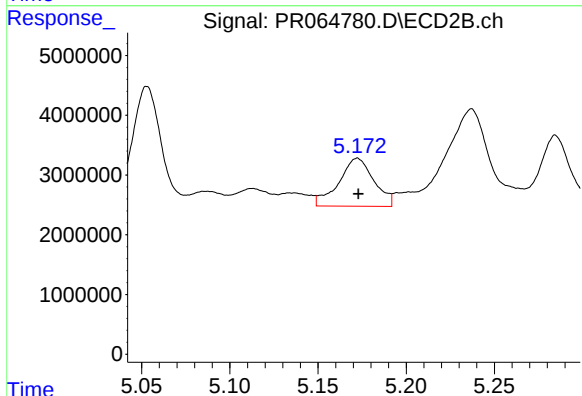
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 25414464
Conc: 88.40 ng/ml



#27 AR-1254-2

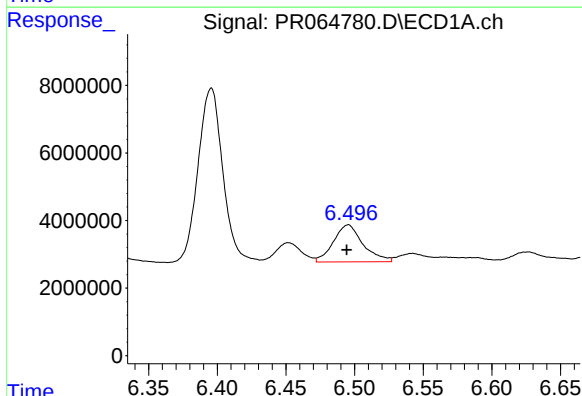
R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 17840675
Conc: 58.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



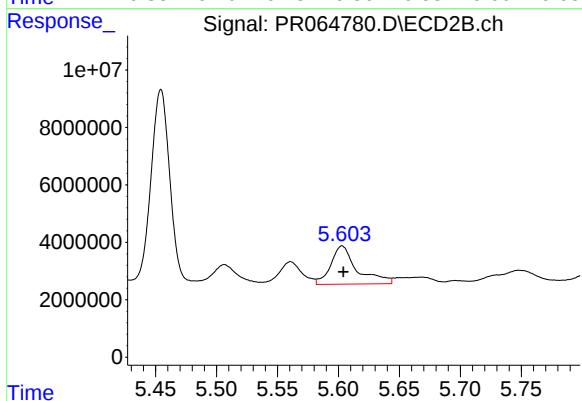
#27 AR-1254-2

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 11135456
Conc: 44.72 ng/ml



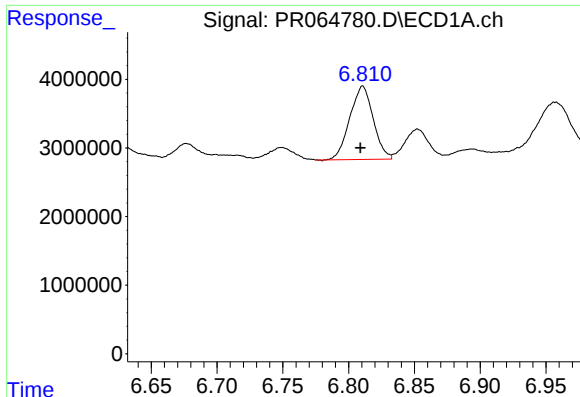
#28 AR-1254-3

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 16403350
Conc: 52.70 ng/ml



#28 AR-1254-3

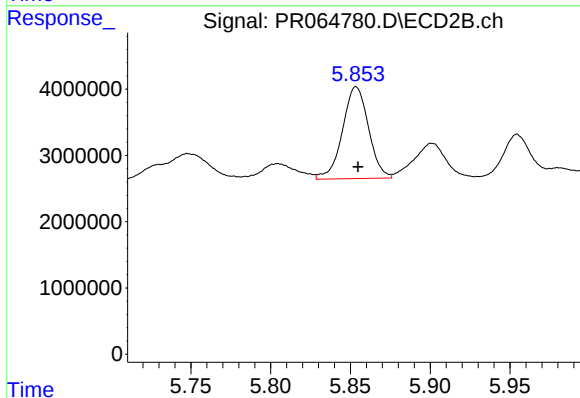
R.T.: 5.603 min
Delta R.T.: -0.001 min
Response: 19960998
Conc: 50.16 ng/ml



#29 AR-1254-4

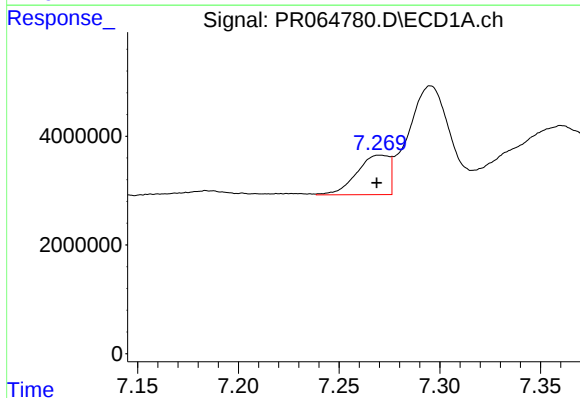
R.T.: 6.811 min
Delta R.T.: 0.002 min
Response: 13251936
Conc: 60.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



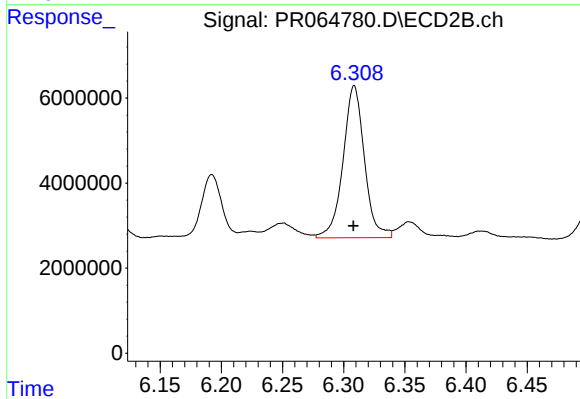
#29 AR-1254-4

R.T.: 5.854 min
Delta R.T.: -0.001 min
Response: 15764878
Conc: 63.13 ng/ml



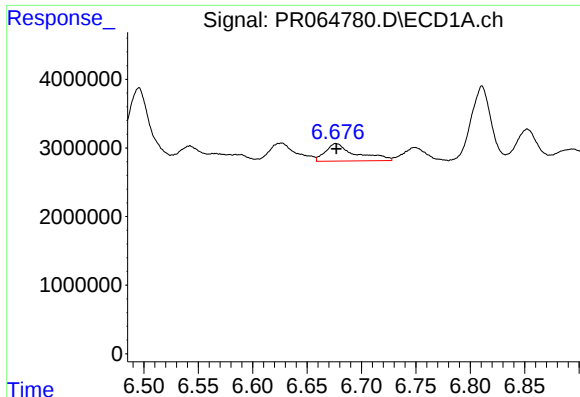
#30 AR-1254-5

R.T.: 7.270 min
Delta R.T.: 0.002 min
Response: 8120287
Conc: 34.19 ng/ml



#30 AR-1254-5

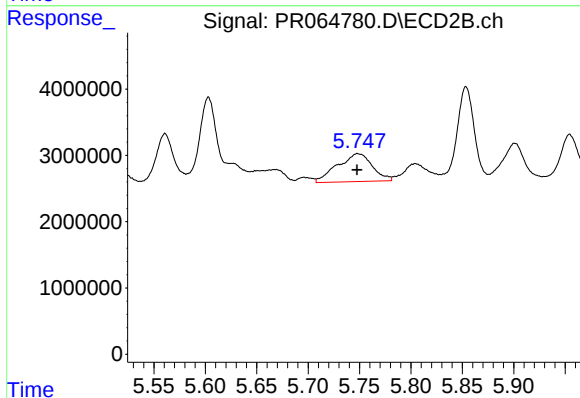
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 43552232
Conc: 122.21 ng/ml



#31 AR-1260-1

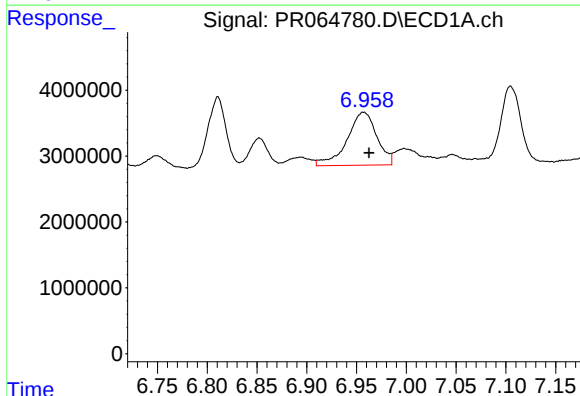
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 4937384
Conc: 19.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



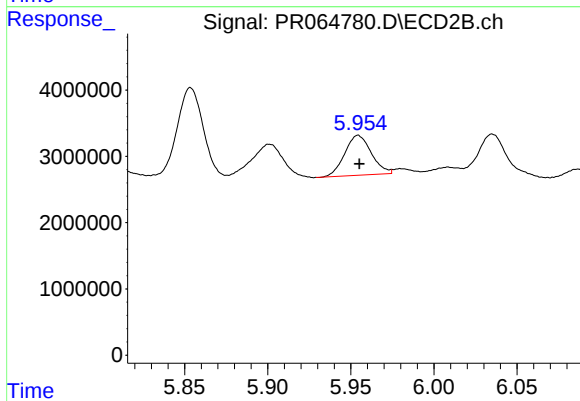
#31 AR-1260-1

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 9947935
Conc: 34.42 ng/ml



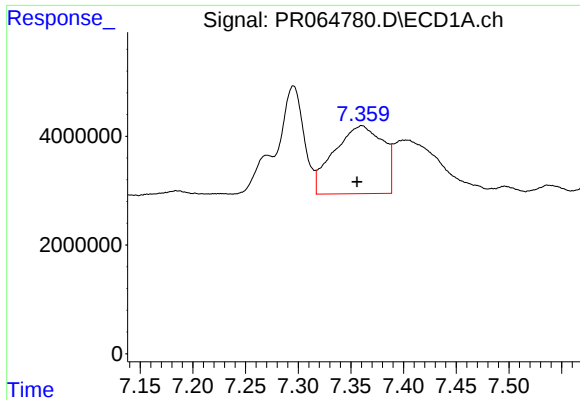
#32 AR-1260-2

R.T.: 6.957 min
Delta R.T.: -0.005 min
Response: 16744925
Conc: 58.58 ng/ml



#32 AR-1260-2

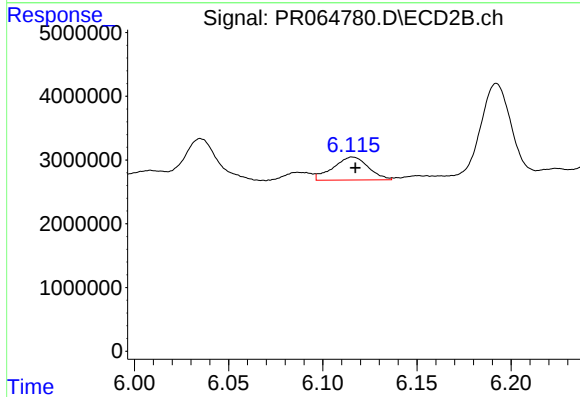
R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 6688518
Conc: 19.25 ng/ml



#33 AR-1260-3

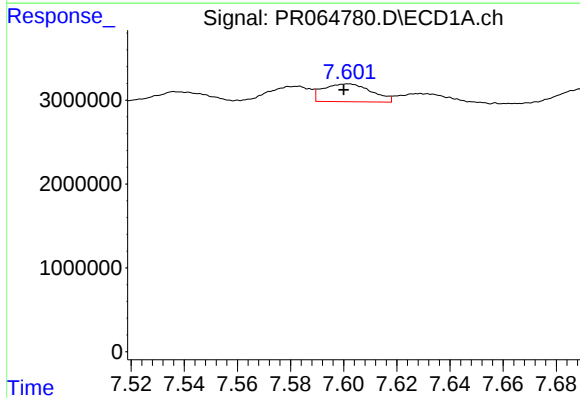
R.T.: 7.361 min
Delta R.T.: 0.004 min
Response: 40479447
Conc: 190.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



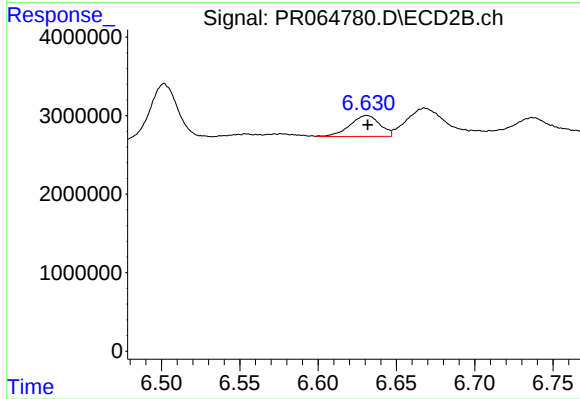
#33 AR-1260-3

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 4688669
Conc: 14.24 ng/ml



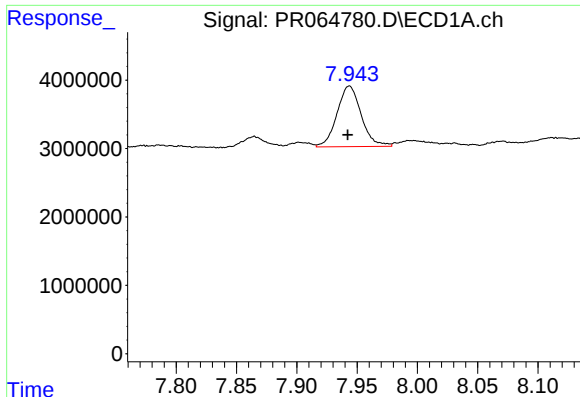
#34 AR-1260-4

R.T.: 7.602 min
Delta R.T.: 0.002 min
Response: 2684148
Conc: 11.68 ng/ml



#34 AR-1260-4

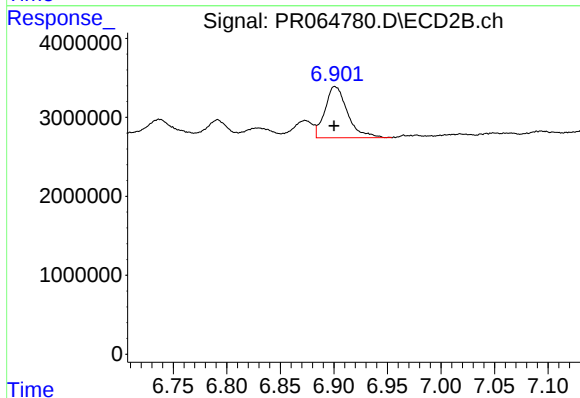
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 3544672
Conc: 13.14 ng/ml



#35 AR-1260-5

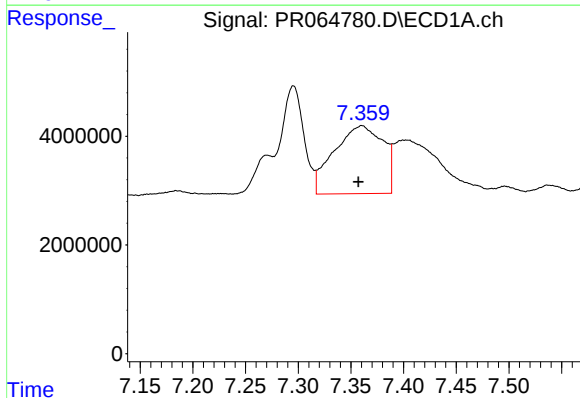
R.T.: 7.944 min
Delta R.T.: 0.001 min
Response: 12405711
Conc: 28.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



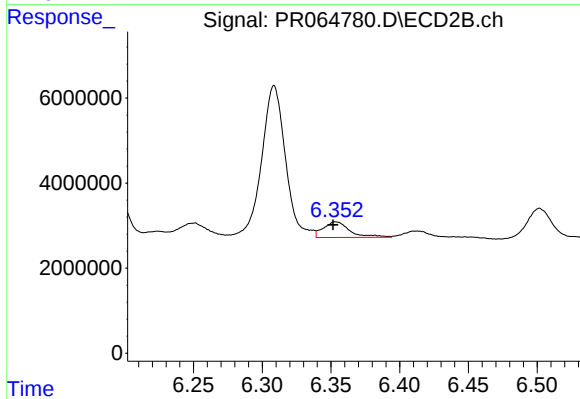
#35 AR-1260-5

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 9453886
Conc: 15.13 ng/ml



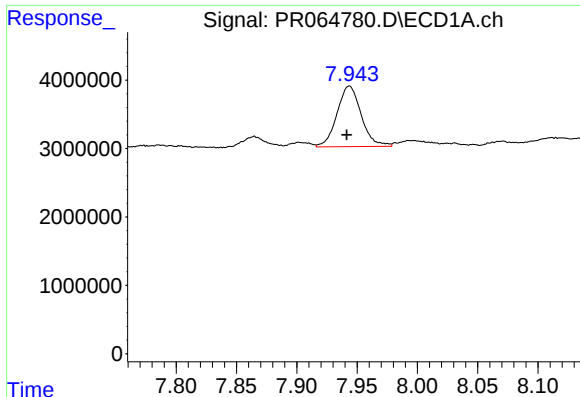
#36 AR-1262-1

R.T.: 7.361 min
Delta R.T.: 0.003 min
Response: 40479447
Conc: 140.77 ng/ml



#36 AR-1262-1

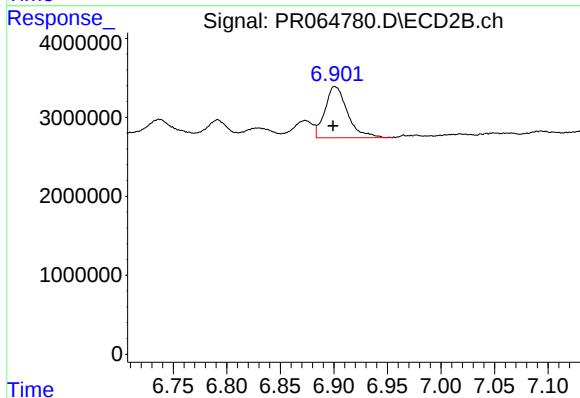
R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 4937585
Conc: 13.52 ng/ml



#37 AR-1262-2

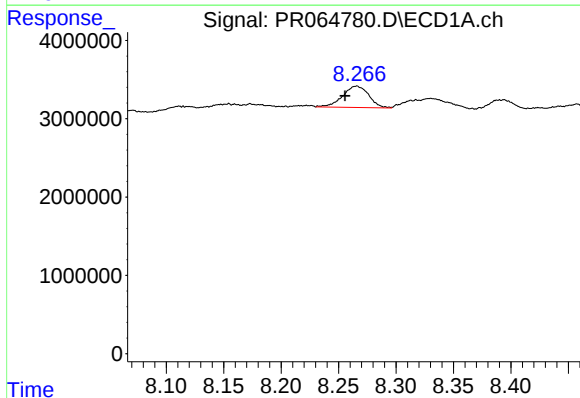
R.T.: 7.944 min
Delta R.T.: 0.002 min
Response: 12405711
Conc: 26.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



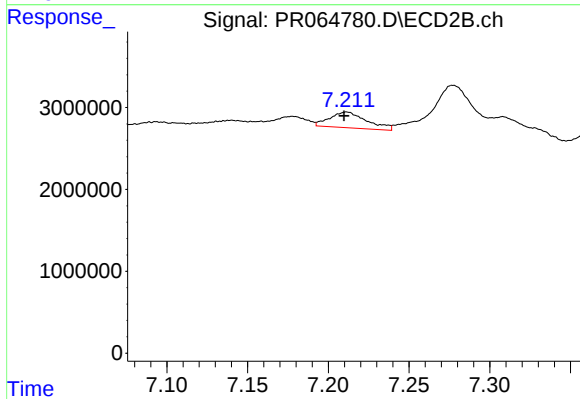
#37 AR-1262-2

R.T.: 6.901 min
Delta R.T.: 0.002 min
Response: 9453886
Conc: 14.33 ng/ml



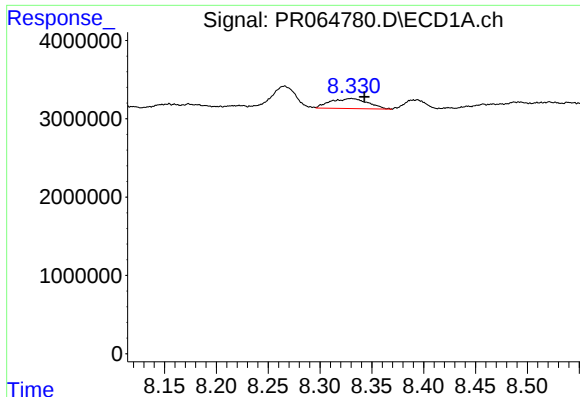
#38 AR-1262-3

R.T.: 8.266 min
Delta R.T.: 0.010 min
Response: 4328622
Conc: 13.73 ng/ml



#38 AR-1262-3

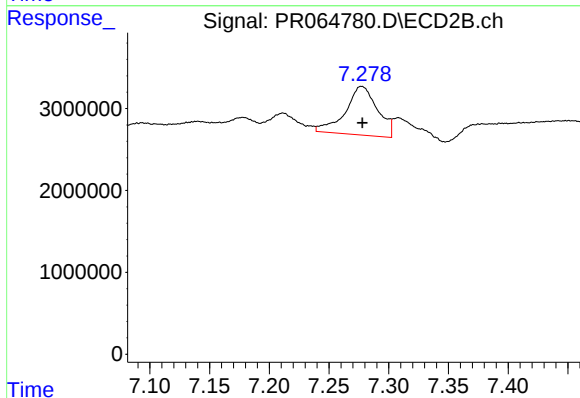
R.T.: 7.212 min
Delta R.T.: 0.002 min
Response: 3086743
Conc: 12.31 ng/ml



#39 AR-1262-4

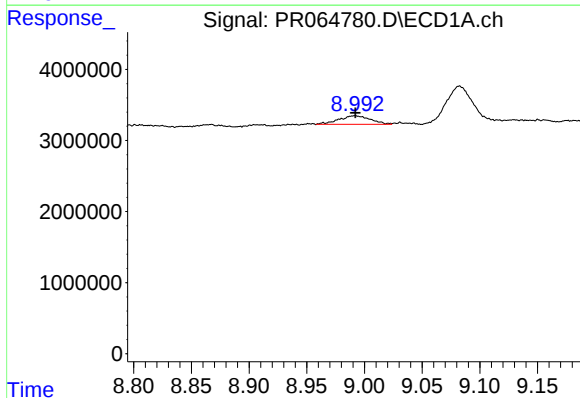
R.T.: 8.330 min
Delta R.T.: -0.013 min
Response: 3205391
Conc: 13.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



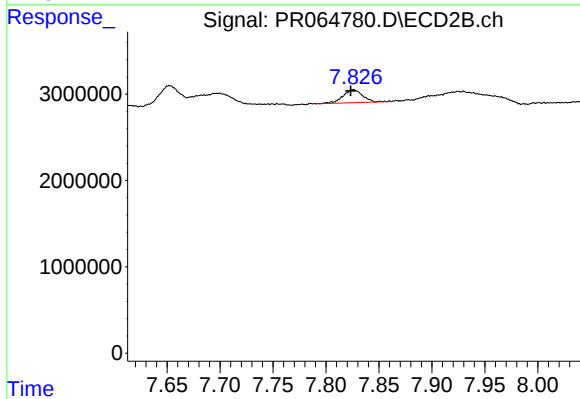
#39 AR-1262-4

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 11201141
Conc: 23.47 ng/ml



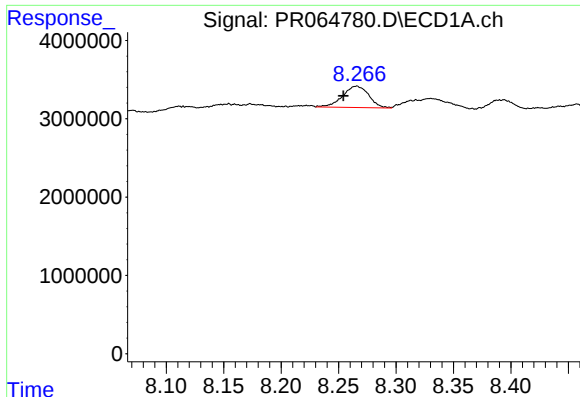
#40 AR-1262-5

R.T.: 8.992 min
Delta R.T.: 0.000 min
Response: 2338594
Conc: 14.39 ng/ml



#40 AR-1262-5

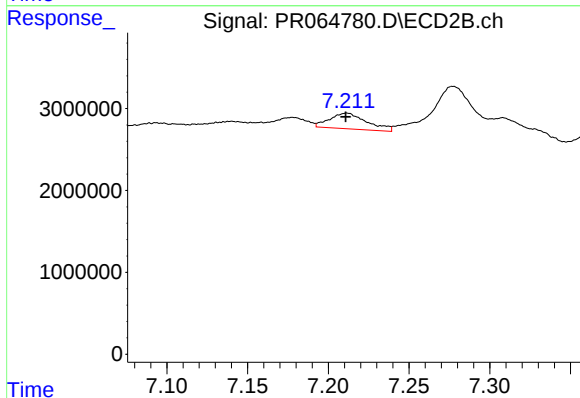
R.T.: 7.826 min
Delta R.T.: 0.002 min
Response: 1937005
Conc: 9.12 ng/ml



#41 AR-1268-1

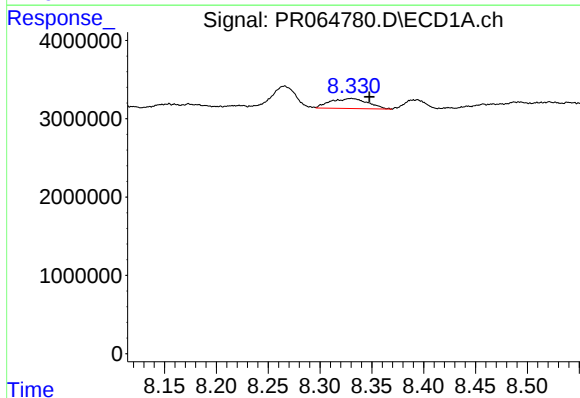
R.T.: 8.266 min
Delta R.T.: 0.011 min
Response: 4328622
Conc: 7.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



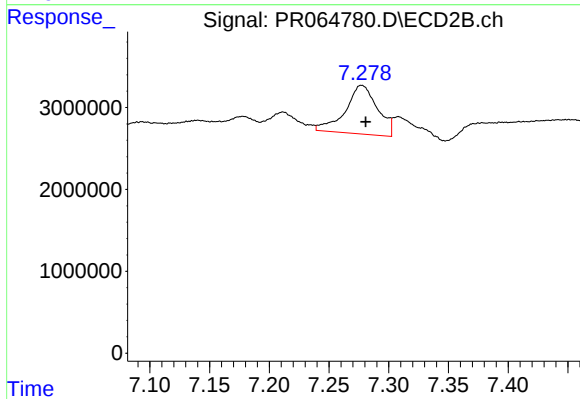
#41 AR-1268-1

R.T.: 7.212 min
Delta R.T.: 0.000 min
Response: 3086743
Conc: 3.95 ng/ml



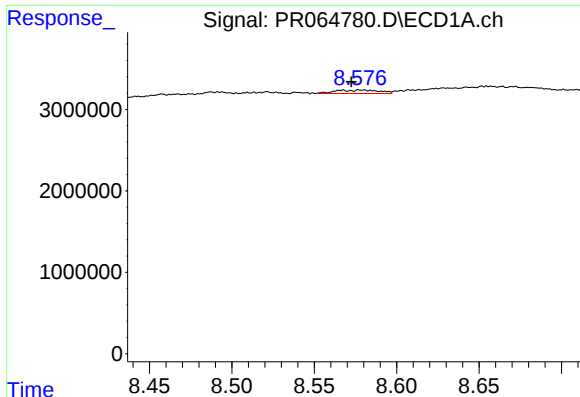
#42 AR-1268-2

R.T.: 8.330 min
Delta R.T.: -0.018 min
Response: 3205391
Conc: 6.33 ng/ml



#42 AR-1268-2

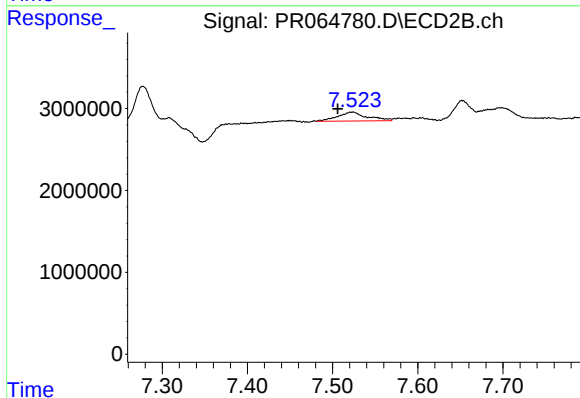
R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 11201141
Conc: 15.61 ng/ml



#43 AR-1268-3

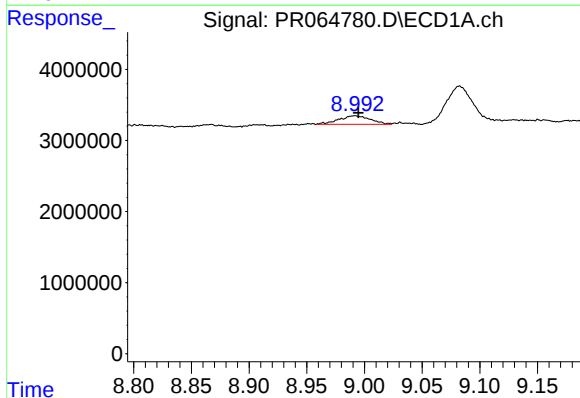
R.T.: 8.578 min
Delta R.T.: 0.006 min
Response: 787482
Conc: 1.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



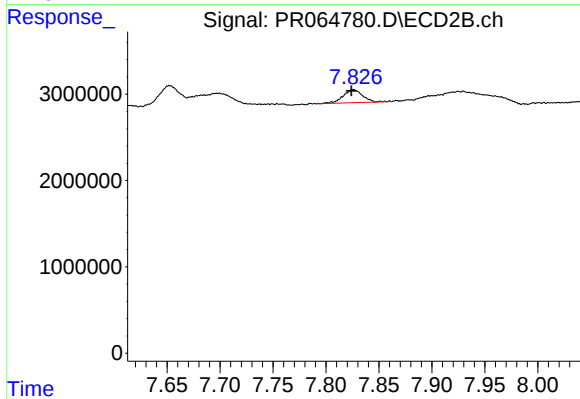
#43 AR-1268-3

R.T.: 7.523 min
Delta R.T.: 0.017 min
Response: 2622174
Conc: 4.38 ng/ml



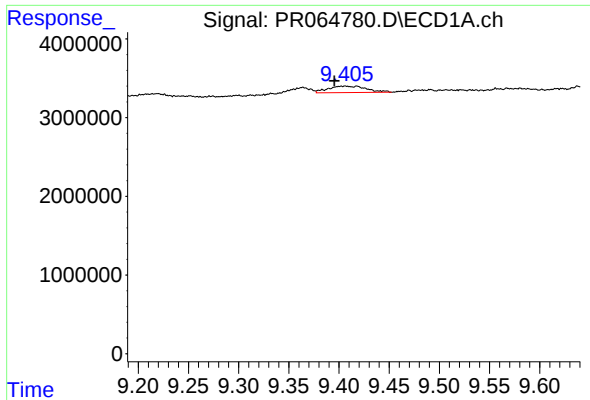
#44 AR-1268-4

R.T.: 8.992 min
Delta R.T.: -0.003 min
Response: 2338594
Conc: 12.58 ng/ml



#44 AR-1268-4

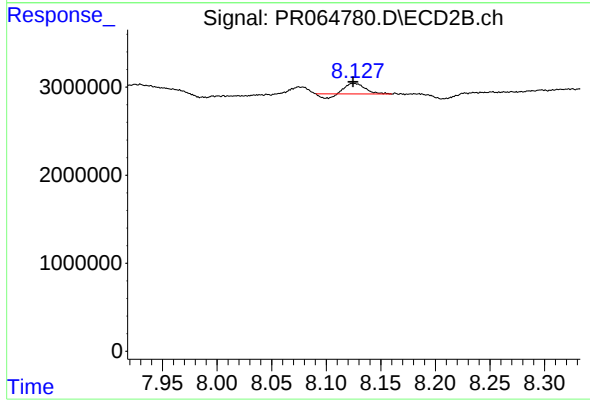
R.T.: 7.826 min
Delta R.T.: 0.002 min
Response: 1937005
Conc: 7.75 ng/ml



#45 AR-1268-5

R.T.: 9.406 min
Delta R.T.: 0.011 min
Response: 2164477
Conc: 1.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 1174362
Conc: 0.65 ng/ml