

Data Path : P:\HPCHEM1\ECD_0\Data\P0040518\
 Data File : P0043614.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Apr 2018 13:54
 Operator : SM/UA
 Sample : J2201-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MS-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 14:09:12 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0040418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 04 15:17:57 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.066	3.324	5302154	7076978	29.825	26.339
2) SA Decachlor...	9.407	8.085	4152326	4730566	23.042	20.178
Target Compounds						
3) L1 AR-1016-1	4.900	4.143	2940761	2948554	666.952	432.446 #
4) L1 AR-1016-2	5.271	4.571	144464	1064551	24.399	182.684 #
5) L1 AR-1016-3	0.000	4.628	0	731665	N.D.	103.709 #
6) L1 AR-1016-4	5.804	4.718	-15259	1366972	N.D.	177.071 #
7) L1 AR-1016-5	6.014	5.116	569611	1243442	120.046	166.975 #
10) L2 AR-1221-3	4.457	3.704	286569	1335666	36.938	119.248 #
11) L3 AR-1232-1	4.457	3.704	286569	1335666	71.944	227.942 #
12) L3 AR-1232-2	5.210	4.354	824463	3219388	282.813	269.524
13) L3 AR-1232-3	5.210	4.440	824463	2727747	171.789	524.677 #
14) L3 AR-1232-4	5.271	4.531	144464	1018903	51.482	252.274 #
15) L3 AR-1232-5	0.000	4.571	0	1064551	N.D.	362.678 #
16) L4 AR-1242-1	0.000	4.143	0	2948554	N.D.	502.077 #
17) L4 AR-1242-2	5.210	4.354	824463	3219388	103.218	156.433 #
18) L4 AR-1242-3	0.000	4.531	0	1018903	N.D.	160.692 #
19) L4 AR-1242-4	5.609	4.628	251659	731665	63.659	119.830 #
20) L4 AR-1242-5	5.804	4.718	-15259	1366972	N.D.	212.561 #
21) L5 AR-1248-1	5.609	4.718	251659	1366972	35.833	118.294 #
22) L5 AR-1248-2	5.804	4.957	-15259	1613784	N.D.	152.201 #
23) L5 AR-1248-3	6.014	5.116	569611	1243442	65.348	70.841
24) L5 AR-1248-4	6.014	5.116	569611	1243442	63.557	88.662 #
25) L5 AR-1248-5	6.279	5.632	844787	1896612	150.027	194.590 #
26) L6 AR-1254-1	6.224	5.116	953880	1243442	63.608	57.137
27) L6 AR-1254-2	6.485	5.253	362056	998675	38.132	51.525 #
28) L6 AR-1254-3	6.583	5.632	911858	1896612	55.253	59.908
29) L6 AR-1254-4	6.855	5.855	625384	1734580	45.910	70.290 #
30) L6 AR-1254-5	7.117	6.124	420691	494157	43.130	34.099
31) L7 AR-1260-1	6.739	5.766	1035691	1097289	102.802	65.652 #
32) L7 AR-1260-2	6.987	5.949	532126	1320874	41.474	62.423 #
33) L7 AR-1260-3	7.343	6.263	108027	1032910	10.684	46.907 #
34) L7 AR-1260-4	7.863	6.792	257267	622876	12.434	16.862 #
35) L7 AR-1260-5	8.148	7.131	196490	707616	15.695	27.517 #
36) L8 AR-1262-1	6.739	5.949	1035691	1320874	107.752	60.713 #
37) L8 AR-1262-2	6.987	6.091	532126	768388	43.450	38.068
38) L8 AR-1262-3	7.266	6.263	405945	1032910	36.034	29.652
40) L8 AR-1262-5	7.863	6.792	257267	622876	8.454	10.682 #
41) L9 AR-1268-1	8.148	7.131	196490	707616	6.241	12.149 #

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Acq On : 05 Apr 2018 13:54
Operator : SM/UA
Sample : J2201-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

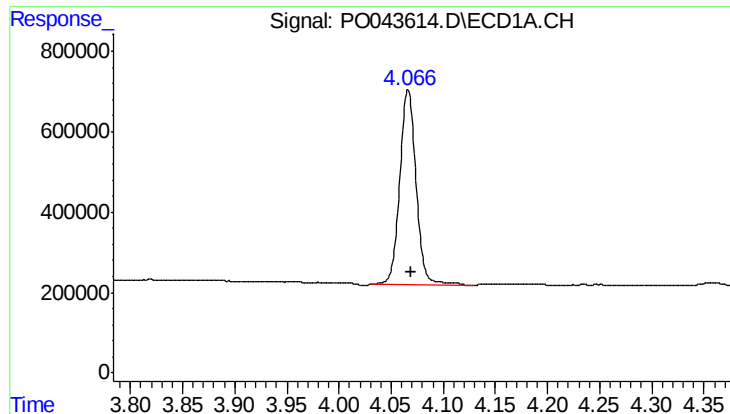
Instrument :
ECD_O
ClientSampleId :
MS-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 14:09:12 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\P0040418.M
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.131	0	707616	N.D.	13.558 #
43) L9	AR-1268-3	0.000	7.321	0	422128	N.D.	9.580 #

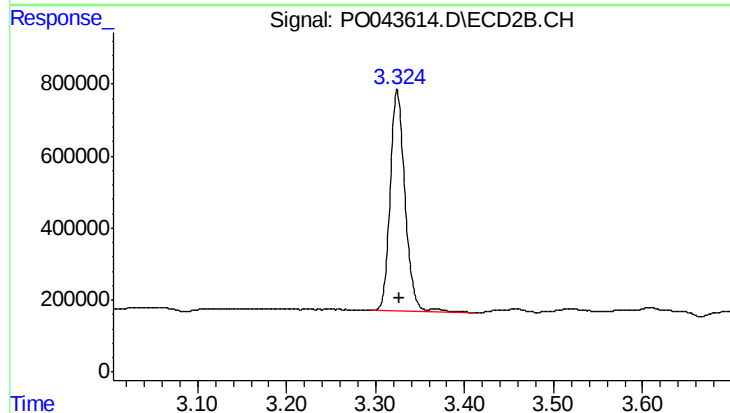
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

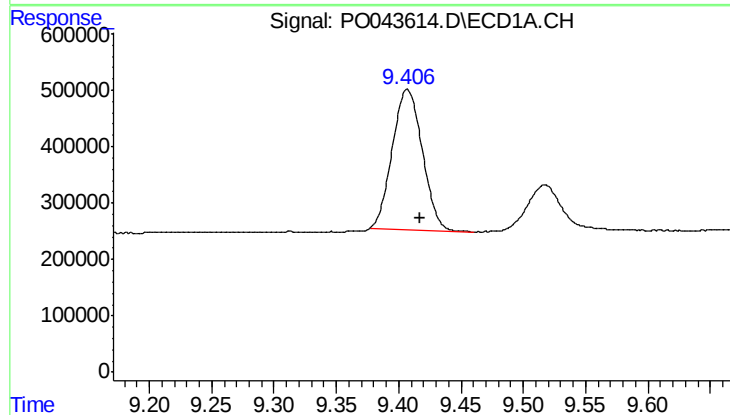
R.T.: 4.066 min
Delta R.T.: -0.003 min
Response: 5302154
Conc: 29.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



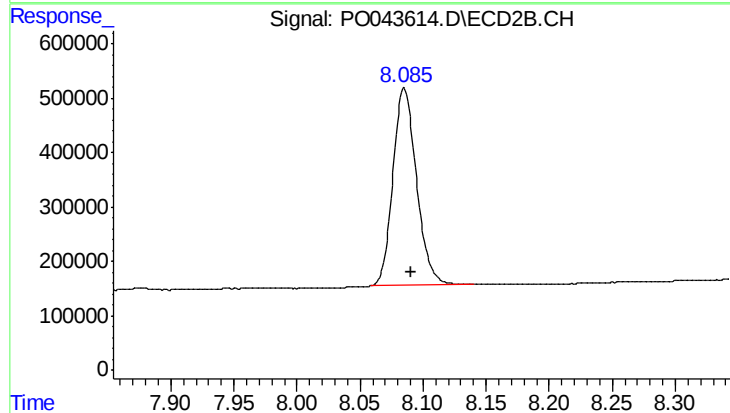
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: -0.002 min
Response: 7076978
Conc: 26.34 ng/ml



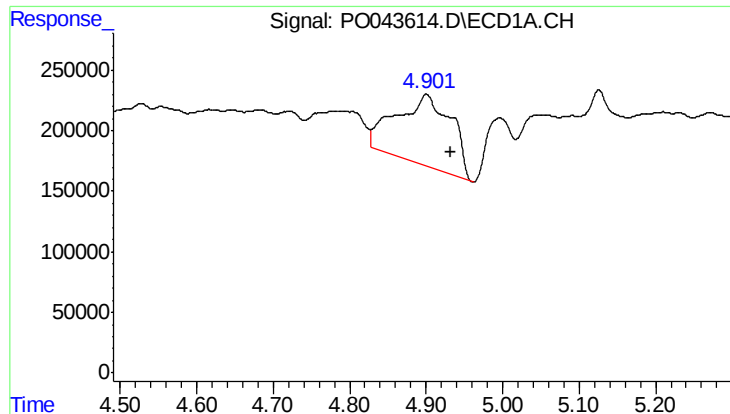
#2 Decachlorobiphenyl

R.T.: 9.407 min
Delta R.T.: -0.010 min
Response: 4152326
Conc: 23.04 ng/ml



#2 Decachlorobiphenyl

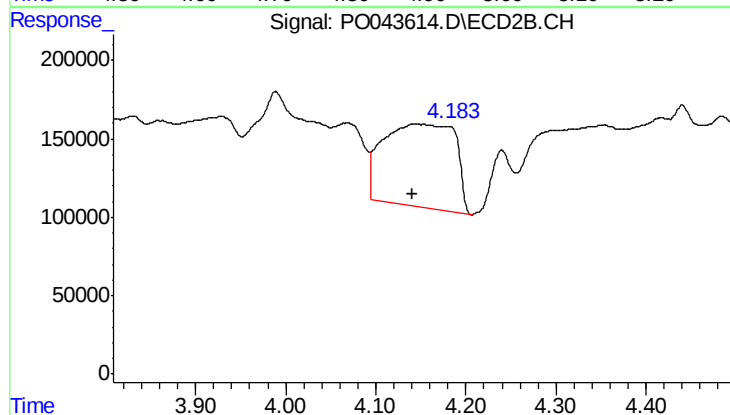
R.T.: 8.085 min
Delta R.T.: -0.005 min
Response: 4730566
Conc: 20.18 ng/ml



#3 AR-1016-1

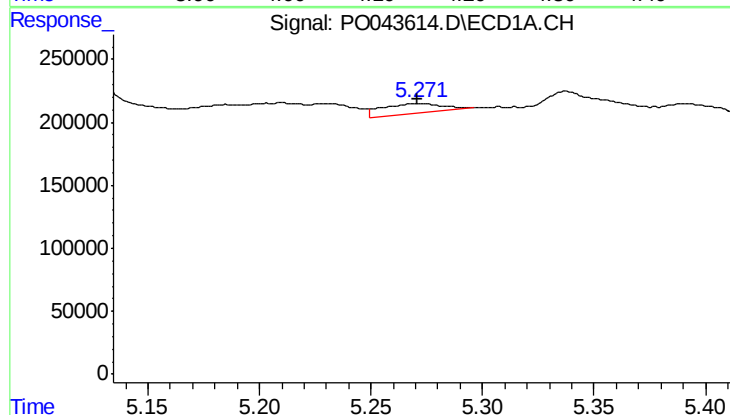
R.T.: 4.900 min
Delta R.T.: -0.032 min
Response: 2940761
Conc: 666.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



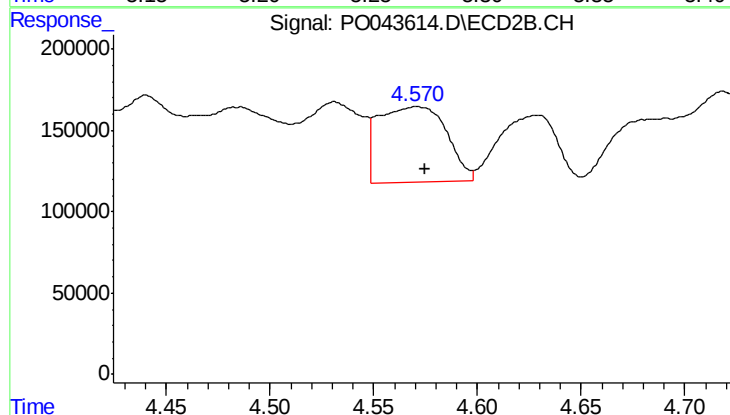
#3 AR-1016-1

R.T.: 4.143 min
Delta R.T.: 0.002 min
Response: 2948554
Conc: 432.45 ng/ml



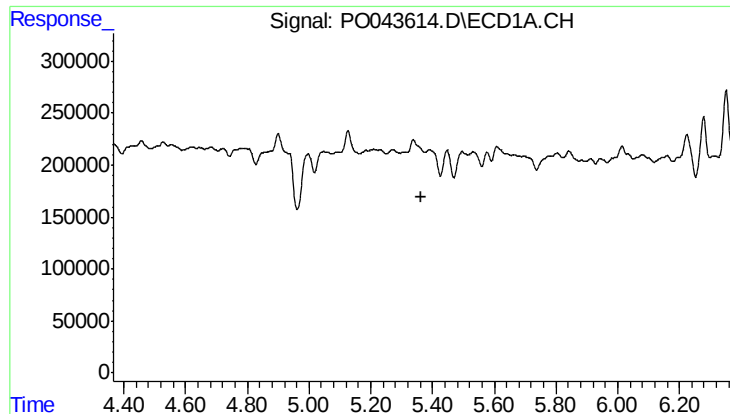
#4 AR-1016-2

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 144464
Conc: 24.40 ng/ml



#4 AR-1016-2

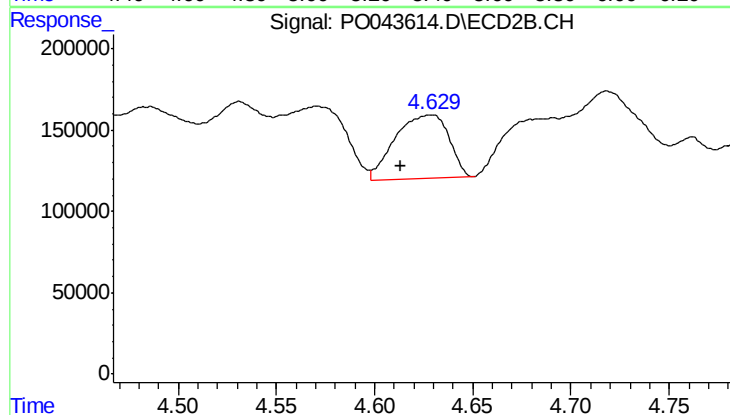
R.T.: 4.571 min
Delta R.T.: -0.004 min
Response: 1064551
Conc: 182.68 ng/ml



#5 AR-1016-3

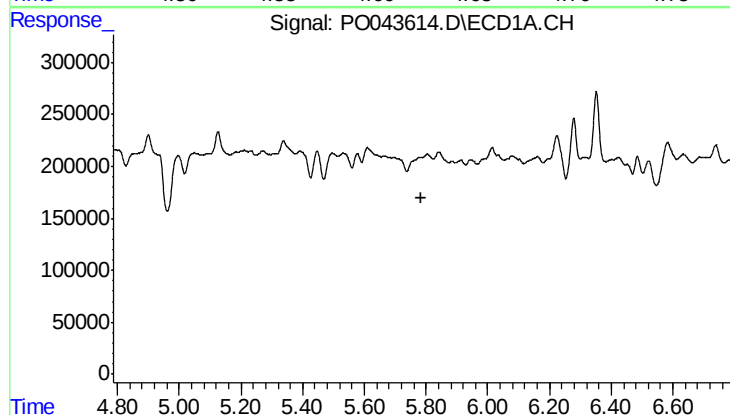
R.T.: 0.000 min
Exp R.T.: 5.366 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MS-1



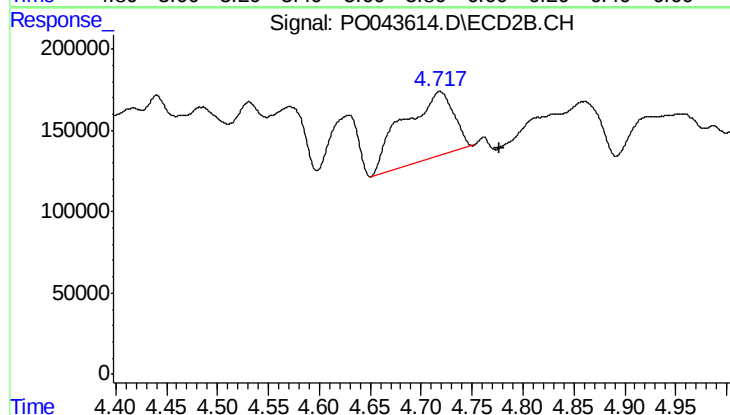
#5 AR-1016-3

R.T.: 4.628 min
Delta R.T.: 0.015 min
Response: 731665
Conc: 103.71 ng/ml



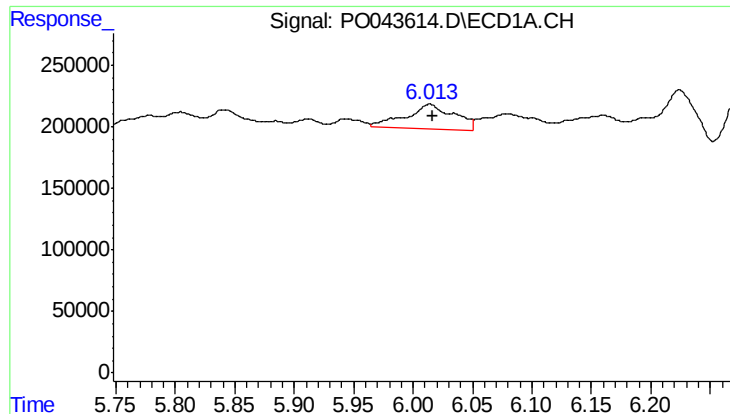
#6 AR-1016-4

R.T.: 5.804 min
Delta R.T.: 0.017 min
Response: -15259
Conc: N.D.



#6 AR-1016-4

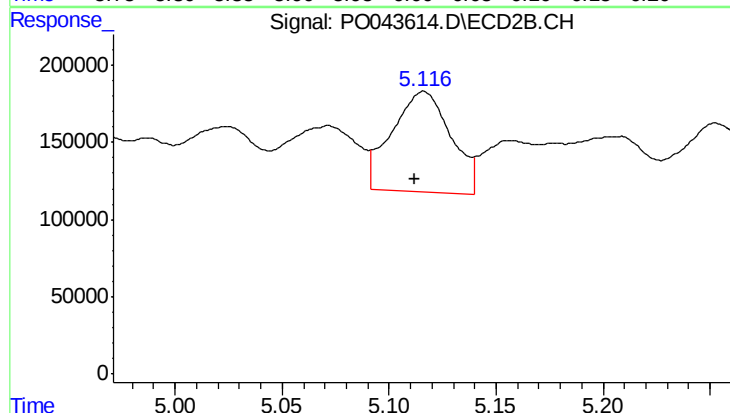
R.T.: 4.718 min
Delta R.T.: -0.059 min
Response: 1366972
Conc: 177.07 ng/ml



#7 AR-1016-5

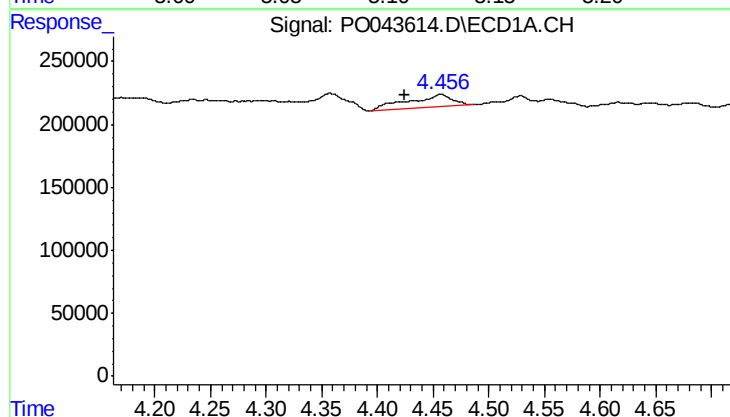
R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 569611
Conc: 120.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



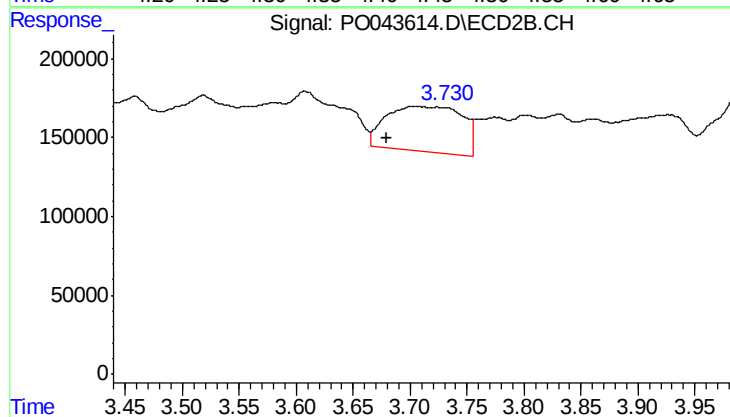
#7 AR-1016-5

R.T.: 5.116 min
Delta R.T.: 0.004 min
Response: 1243442
Conc: 166.98 ng/ml



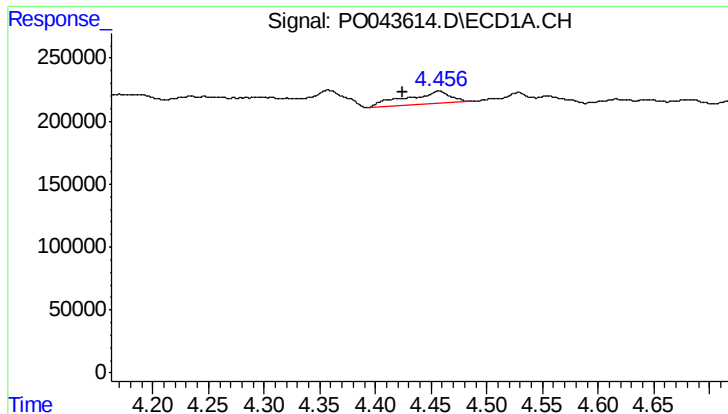
#10 AR-1221-3

R.T.: 4.457 min
Delta R.T.: 0.032 min
Response: 286569
Conc: 36.94 ng/ml



#10 AR-1221-3

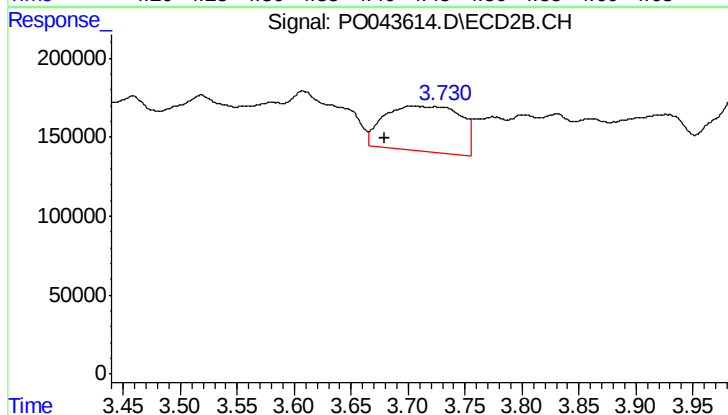
R.T.: 3.704 min
Delta R.T.: 0.025 min
Response: 1335666
Conc: 119.25 ng/ml



#11 AR-1232-1

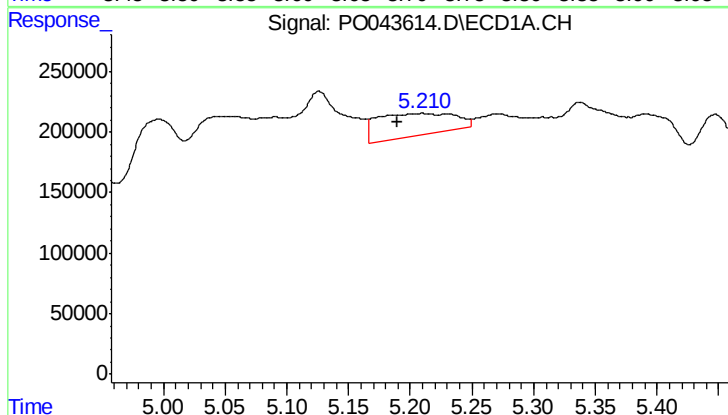
R.T.: 4.457 min
Delta R.T.: 0.032 min
Response: 286569
Conc: 71.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



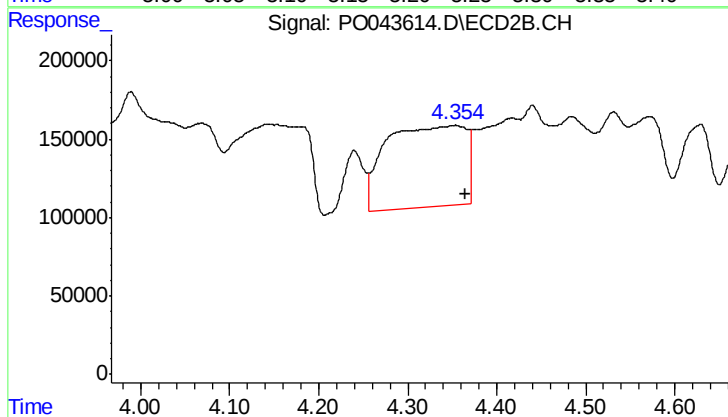
#11 AR-1232-1

R.T.: 3.704 min
Delta R.T.: 0.025 min
Response: 1335666
Conc: 227.94 ng/ml



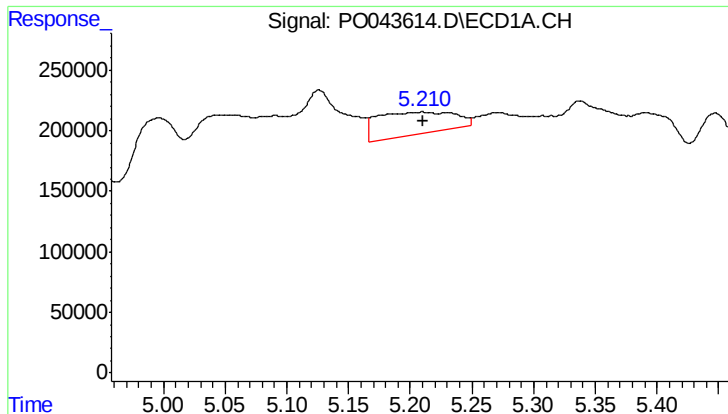
#12 AR-1232-2

R.T.: 5.210 min
Delta R.T.: 0.020 min
Response: 824463
Conc: 282.81 ng/ml



#12 AR-1232-2

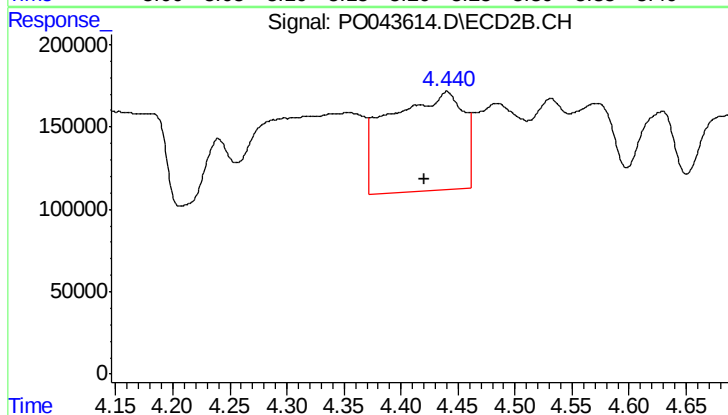
R.T.: 4.354 min
Delta R.T.: -0.011 min
Response: 3219388
Conc: 269.52 ng/ml



#13 AR-1232-3

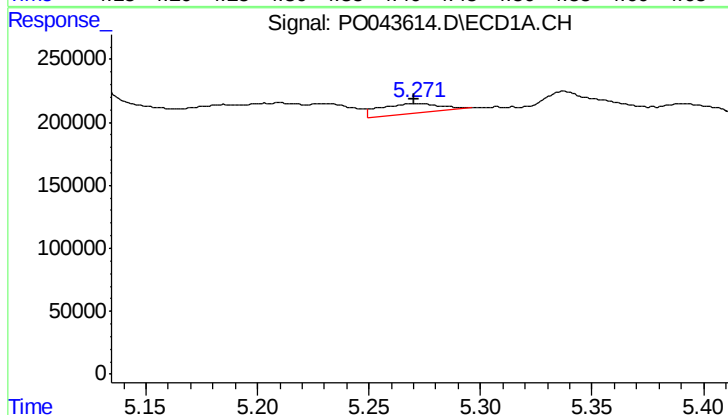
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 824463
Conc: 171.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



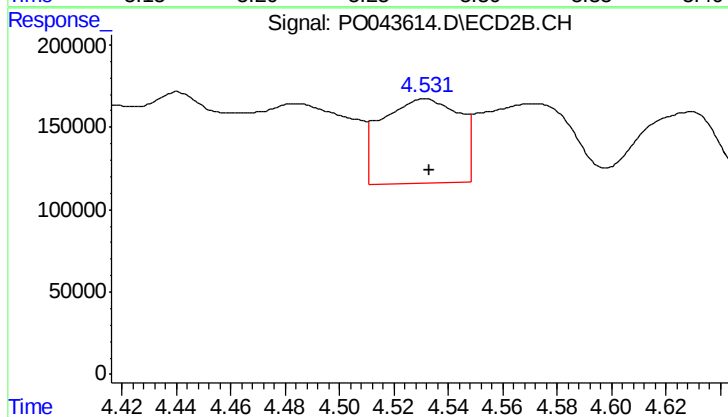
#13 AR-1232-3

R.T.: 4.440 min
Delta R.T.: 0.020 min
Response: 2727747
Conc: 524.68 ng/ml



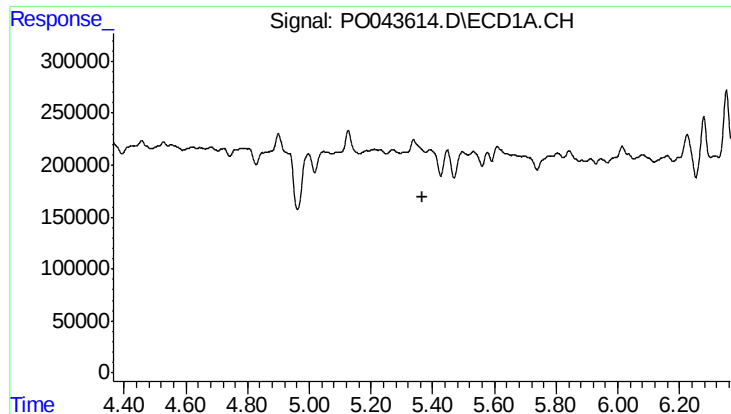
#14 AR-1232-4

R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 144464
Conc: 51.48 ng/ml



#14 AR-1232-4

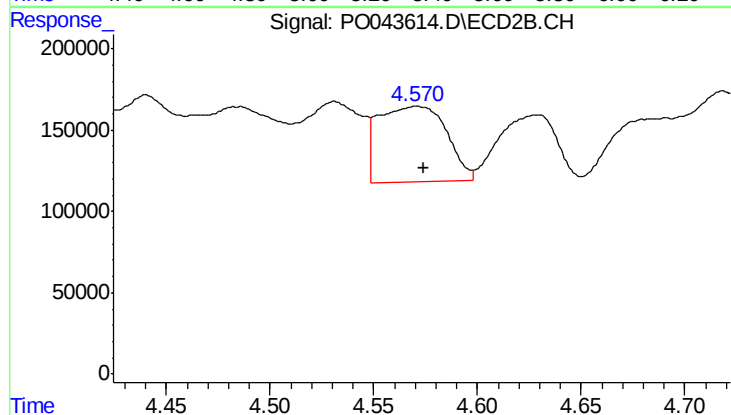
R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 1018903
Conc: 252.27 ng/ml



#15 AR-1232-5

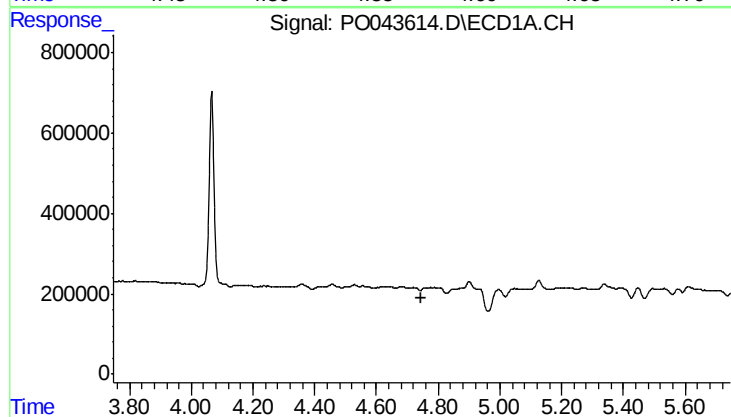
R.T.: 0.000 min
Exp R.T.: 5.365 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MS-1



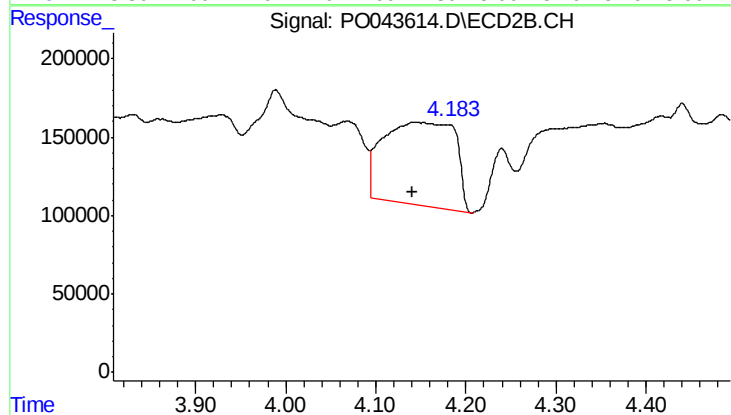
#15 AR-1232-5

R.T.: 4.571 min
Delta R.T.: -0.004 min
Response: 1064551
Conc: 362.68 ng/ml



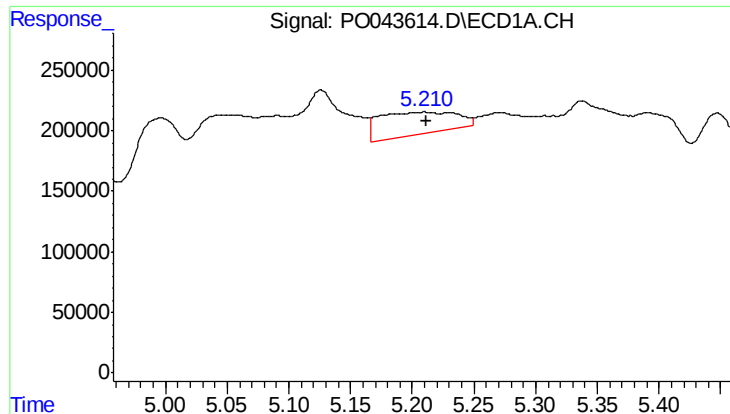
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 4.747 min
Response: 0
Conc: N.D.



#16 AR-1242-1

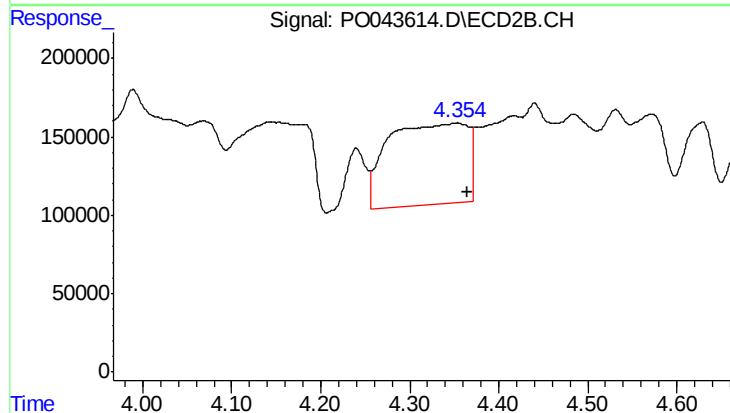
R.T.: 4.143 min
Delta R.T.: 0.002 min
Response: 2948554
Conc: 502.08 ng/ml



#17 AR-1242-2

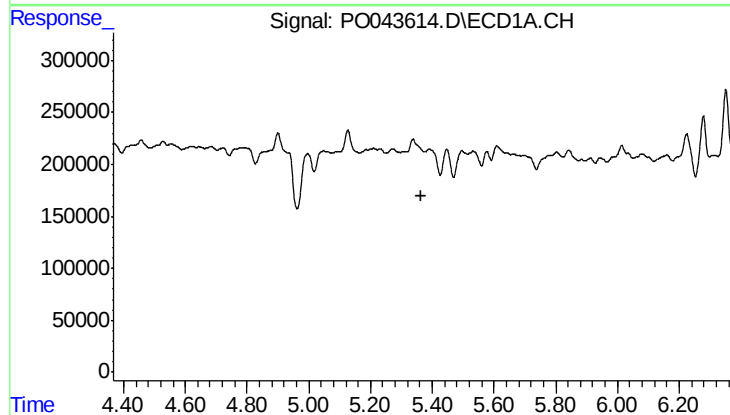
R.T.: 5.210 min
Delta R.T.: -0.002 min
Response: 824463
Conc: 103.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



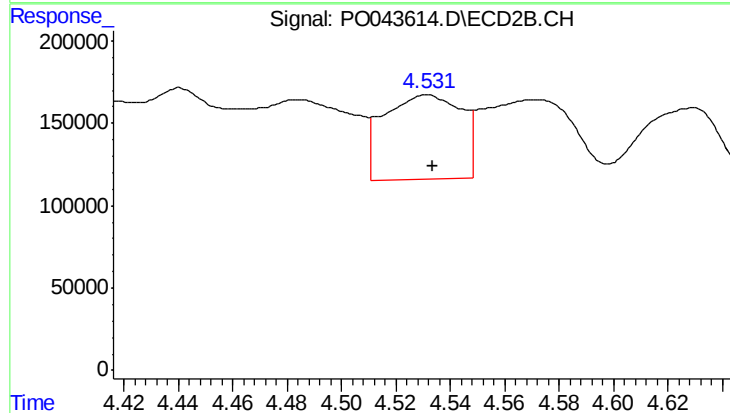
#17 AR-1242-2

R.T.: 4.354 min
Delta R.T.: -0.011 min
Response: 3219388
Conc: 156.43 ng/ml



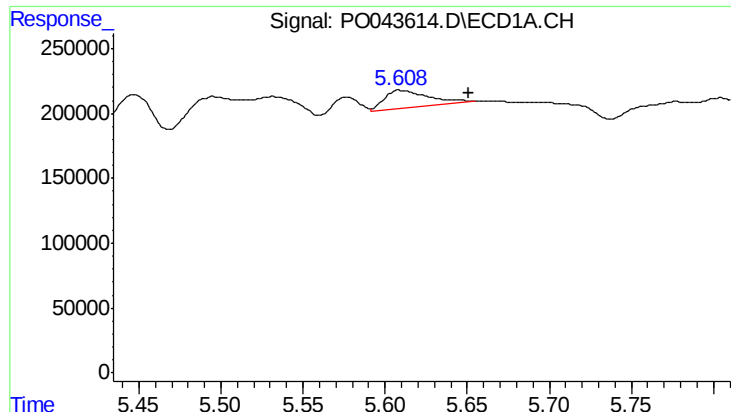
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.366 min
Response: 0
Conc: N.D.



#18 AR-1242-3

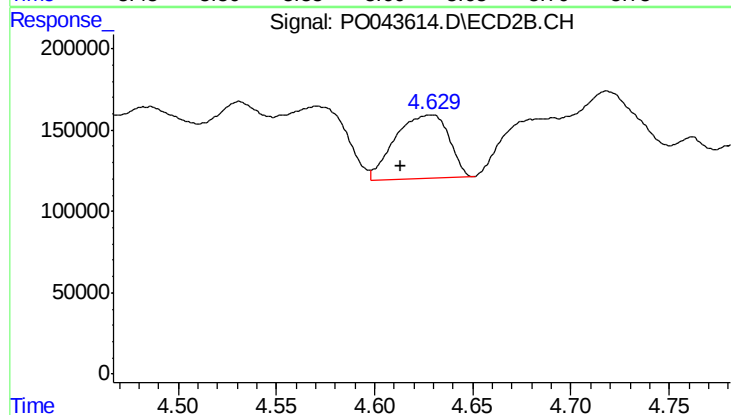
R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 1018903
Conc: 160.69 ng/ml



#19 AR-1242-4

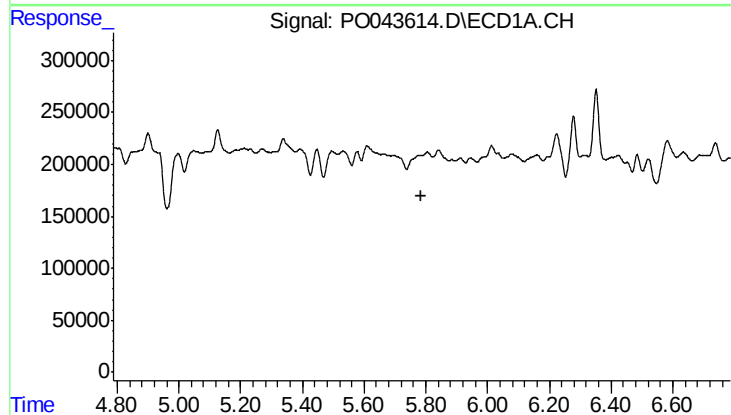
R.T.: 5.609 min
Delta R.T.: -0.042 min
Response: 251659
Conc: 63.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



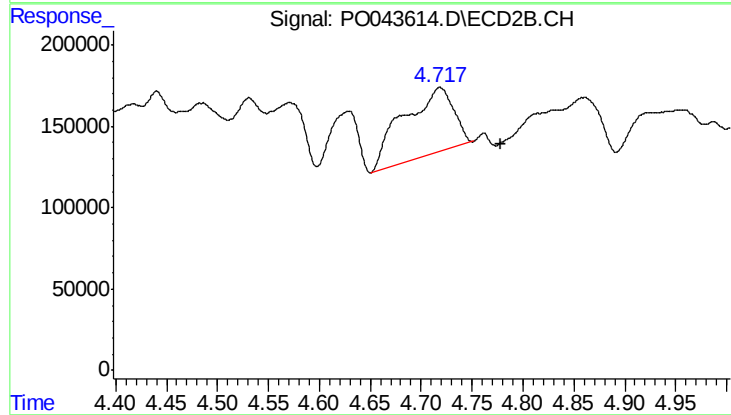
#19 AR-1242-4

R.T.: 4.628 min
Delta R.T.: 0.014 min
Response: 731665
Conc: 119.83 ng/ml



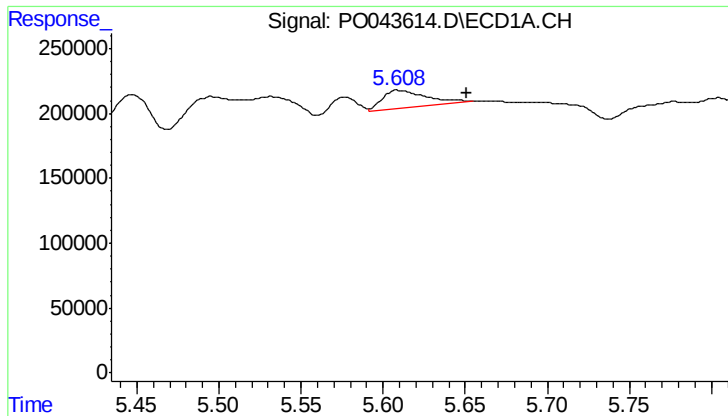
#20 AR-1242-5

R.T.: 5.804 min
Delta R.T.: 0.017 min
Response: -15259
Conc: N.D.



#20 AR-1242-5

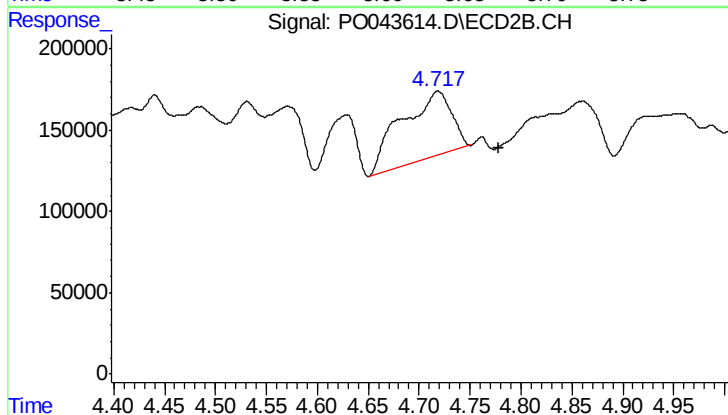
R.T.: 4.718 min
Delta R.T.: -0.059 min
Response: 1366972
Conc: 212.56 ng/ml



#21 AR-1248-1

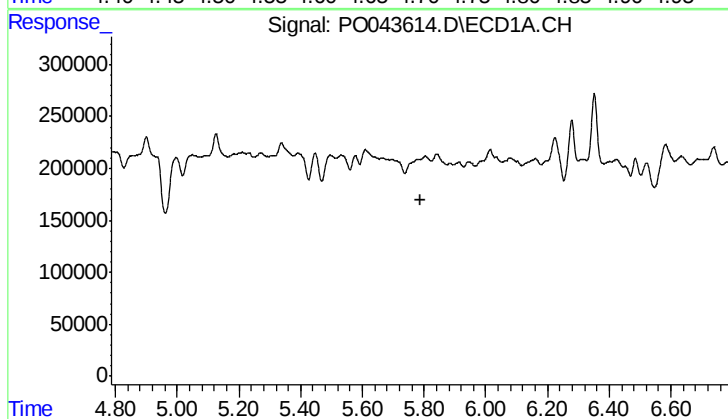
R.T.: 5.609 min
Delta R.T.: -0.042 min
Response: 251659
Conc: 35.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



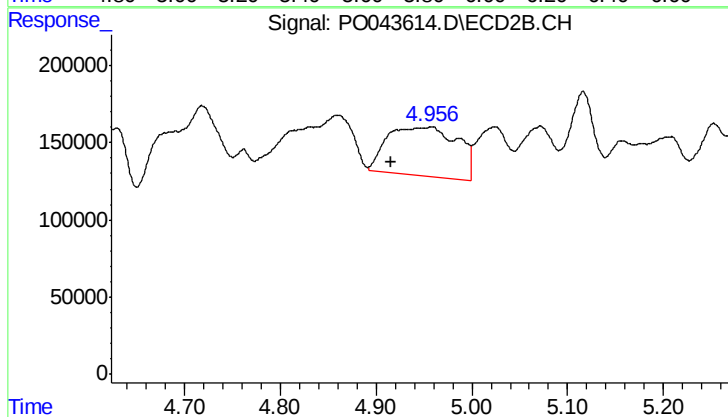
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: -0.059 min
Response: 1366972
Conc: 118.29 ng/ml



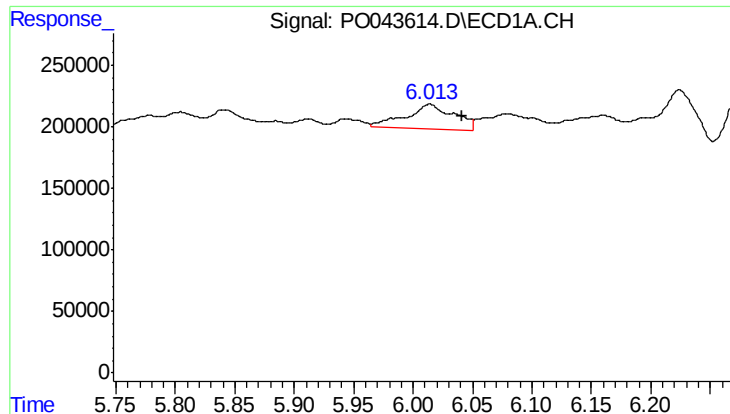
#22 AR-1248-2

R.T.: 5.804 min
Delta R.T.: 0.017 min
Response: -15259
Conc: N.D.



#22 AR-1248-2

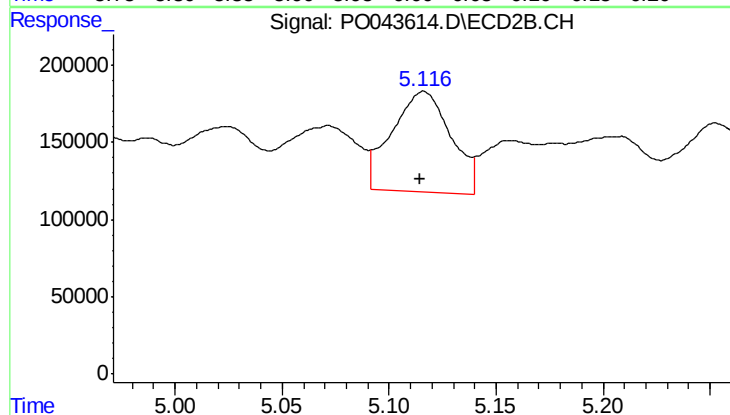
R.T.: 4.957 min
Delta R.T.: 0.040 min
Response: 1613784
Conc: 152.20 ng/ml



#23 AR-1248-3

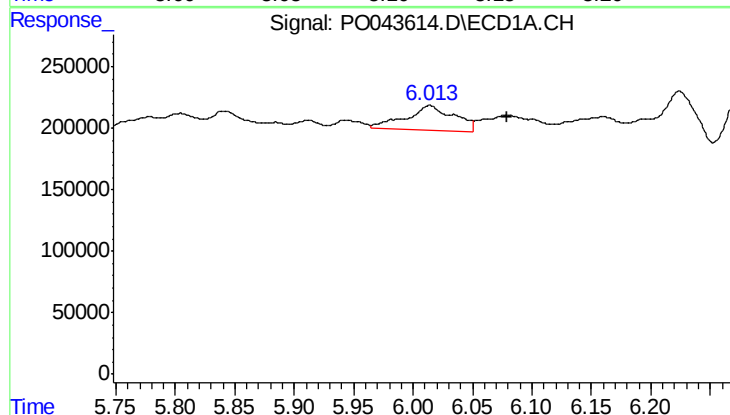
R.T.: 6.014 min
Delta R.T.: -0.028 min
Response: 569611
Conc: 65.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



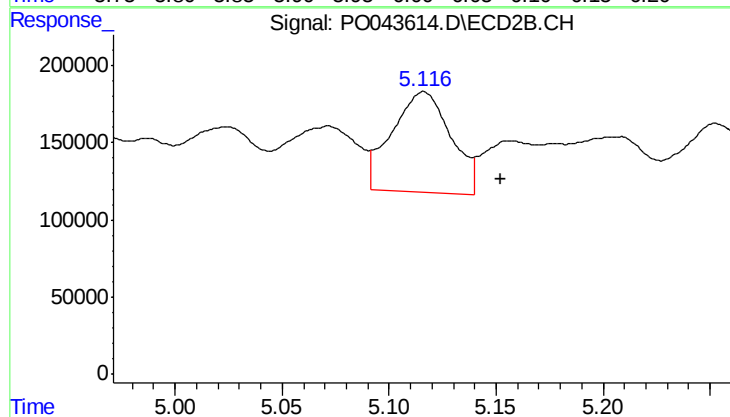
#23 AR-1248-3

R.T.: 5.116 min
Delta R.T.: 0.002 min
Response: 1243442
Conc: 70.84 ng/ml



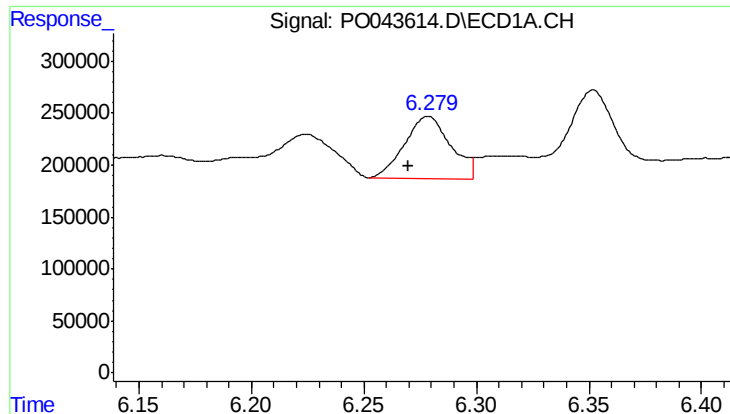
#24 AR-1248-4

R.T.: 6.014 min
Delta R.T.: -0.065 min
Response: 569611
Conc: 63.56 ng/ml



#24 AR-1248-4

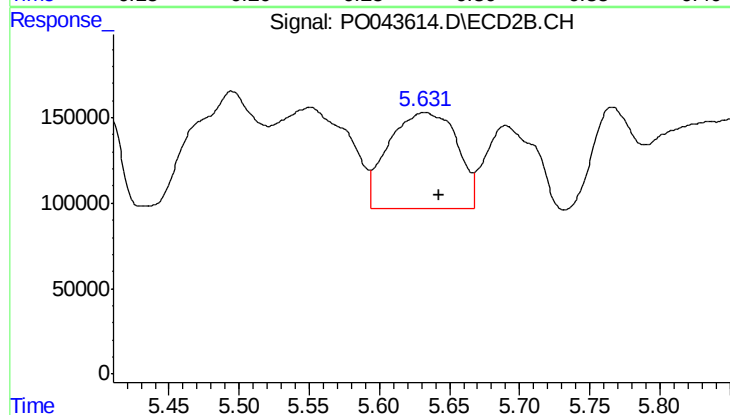
R.T.: 5.116 min
Delta R.T.: -0.036 min
Response: 1243442
Conc: 88.66 ng/ml



#25 AR-1248-5

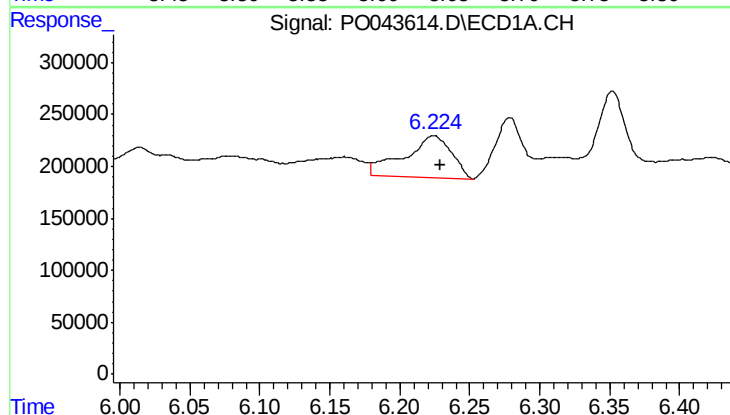
R.T.: 6.279 min
Delta R.T.: 0.009 min
Response: 844787
Conc: 150.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



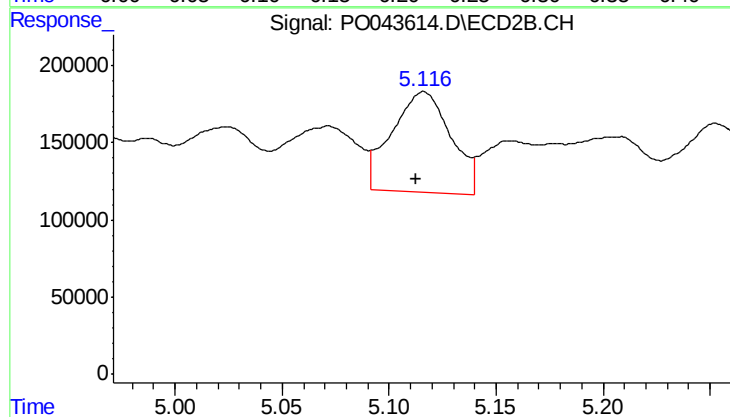
#25 AR-1248-5

R.T.: 5.632 min
Delta R.T.: -0.010 min
Response: 1896612
Conc: 194.59 ng/ml



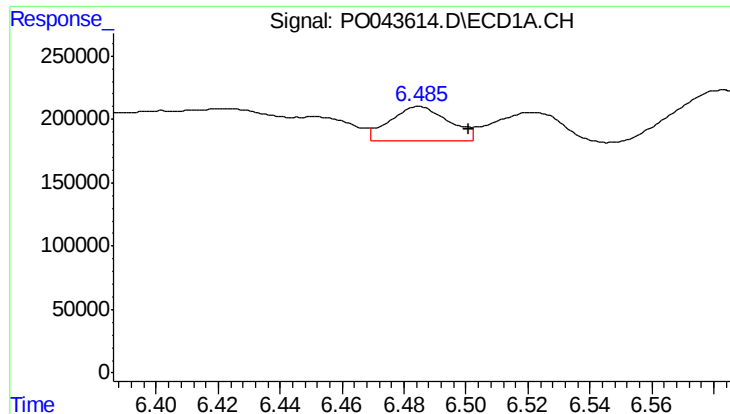
#26 AR-1254-1

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 953880
Conc: 63.61 ng/ml



#26 AR-1254-1

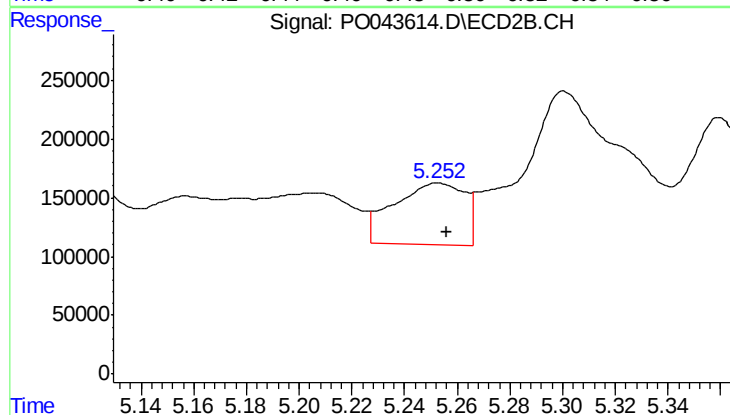
R.T.: 5.116 min
Delta R.T.: 0.003 min
Response: 1243442
Conc: 57.14 ng/ml



#27 AR-1254-2

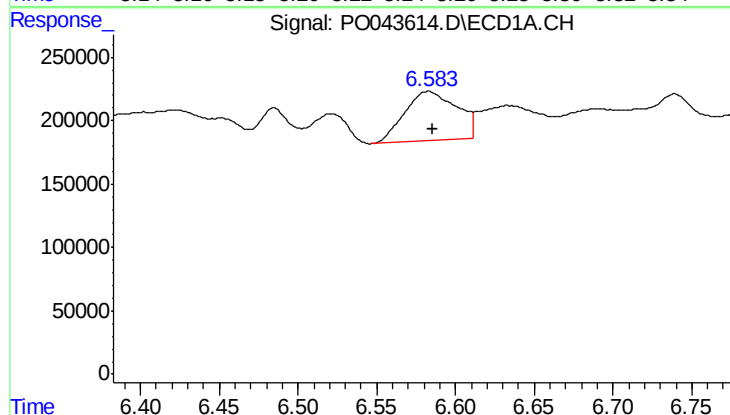
R.T.: 6.485 min
Delta R.T.: -0.016 min
Response: 362056
Conc: 38.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



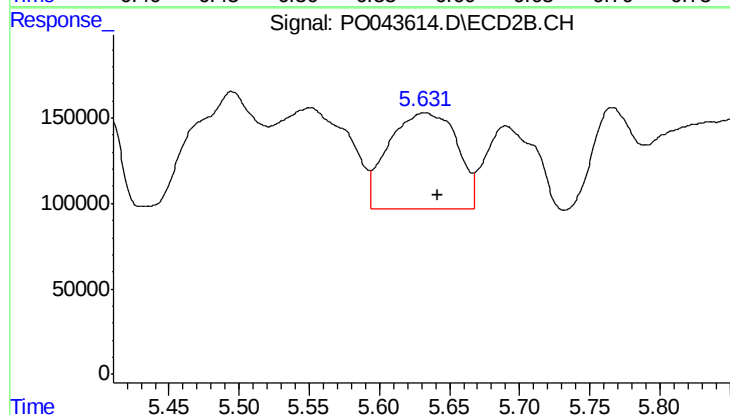
#27 AR-1254-2

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 998675
Conc: 51.53 ng/ml



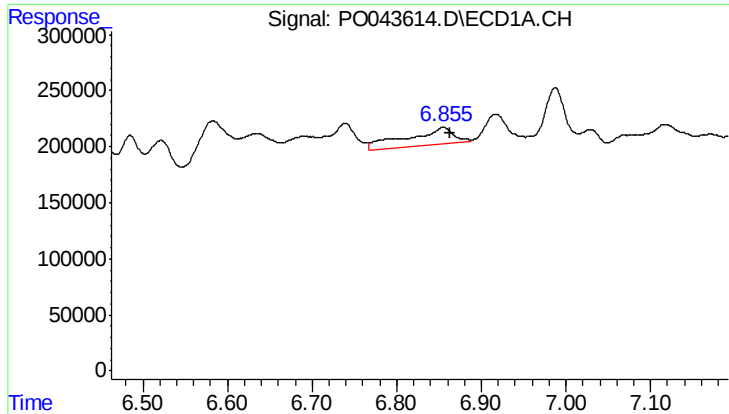
#28 AR-1254-3

R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 911858
Conc: 55.25 ng/ml



#28 AR-1254-3

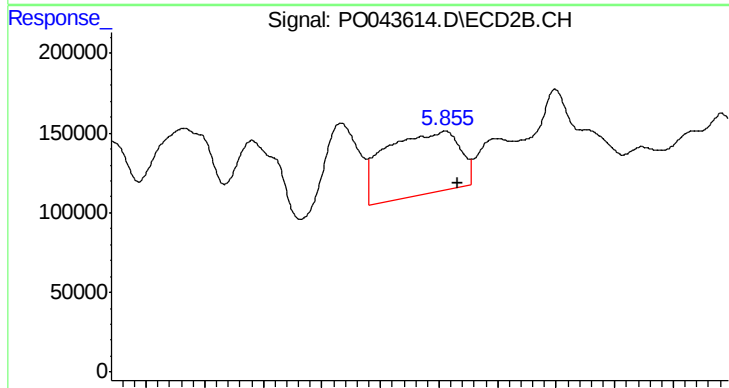
R.T.: 5.632 min
Delta R.T.: -0.010 min
Response: 1896612
Conc: 59.91 ng/ml



#29 AR-1254-4

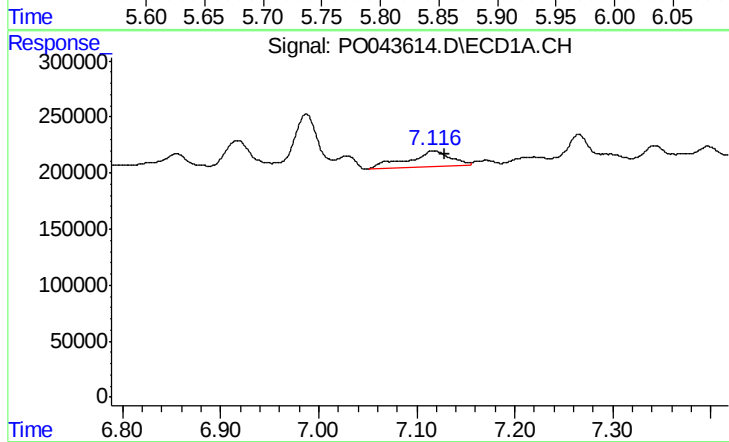
R.T.: 6.855 min
Delta R.T.: -0.008 min
Response: 625384
Conc: 45.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



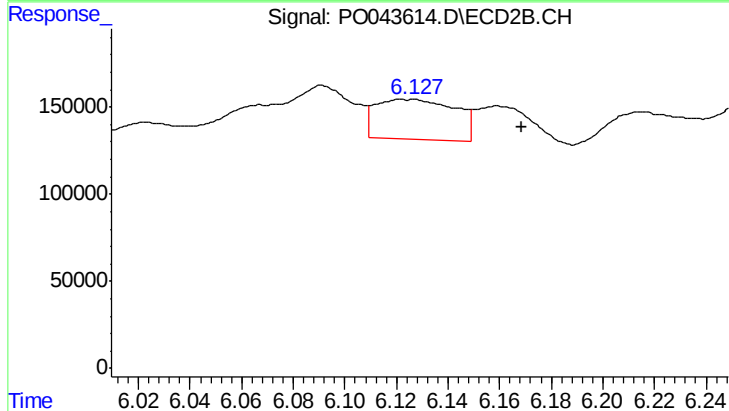
#29 AR-1254-4

R.T.: 5.855 min
Delta R.T.: -0.010 min
Response: 1734580
Conc: 70.29 ng/ml



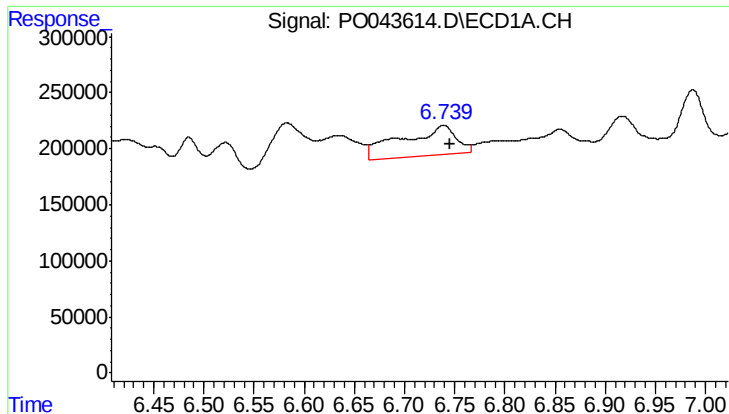
#30 AR-1254-5

R.T.: 7.117 min
Delta R.T.: -0.012 min
Response: 420691
Conc: 43.13 ng/ml



#30 AR-1254-5

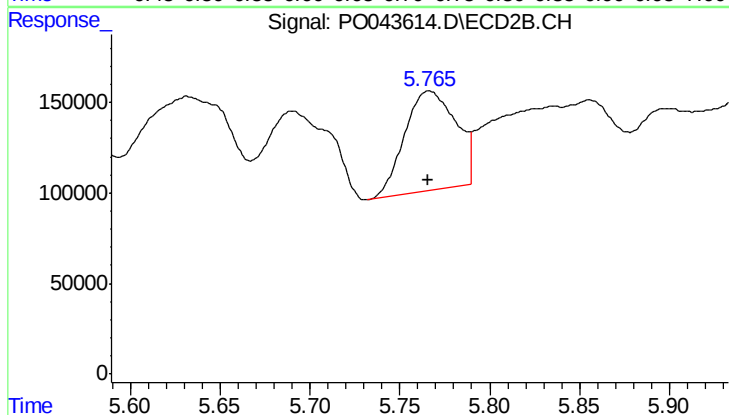
R.T.: 6.124 min
Delta R.T.: -0.045 min
Response: 494157
Conc: 34.10 ng/ml



#31 AR-1260-1

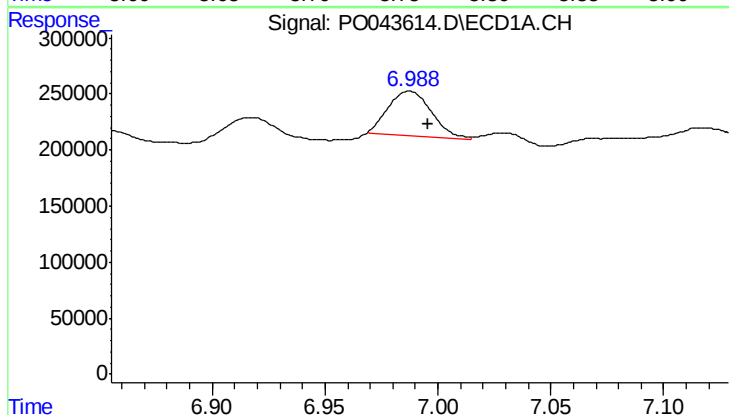
R.T.: 6.739 min
Delta R.T.: -0.006 min
Response: 1035691
Conc: 102.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



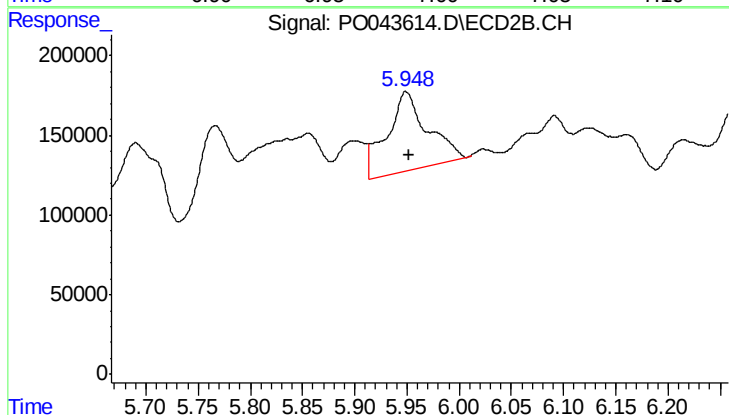
#31 AR-1260-1

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 1097289
Conc: 65.65 ng/ml



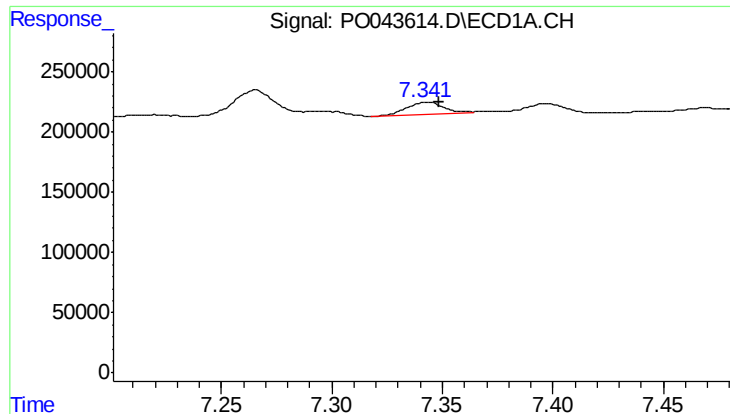
#32 AR-1260-2

R.T.: 6.987 min
Delta R.T.: -0.008 min
Response: 532126
Conc: 41.47 ng/ml



#32 AR-1260-2

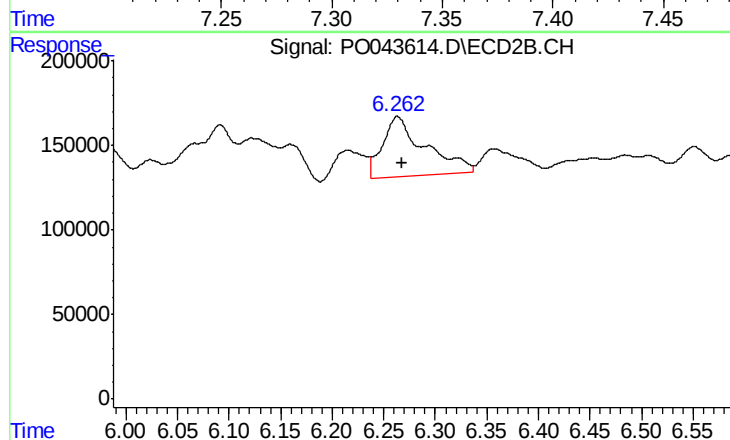
R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 1320874
Conc: 62.42 ng/ml



#33 AR-1260-3

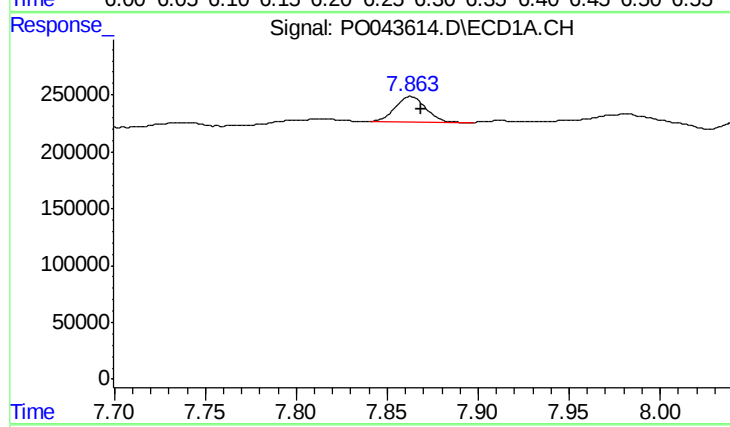
R.T.: 7.343 min
Delta R.T.: -0.006 min
Response: 108027
Conc: 10.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



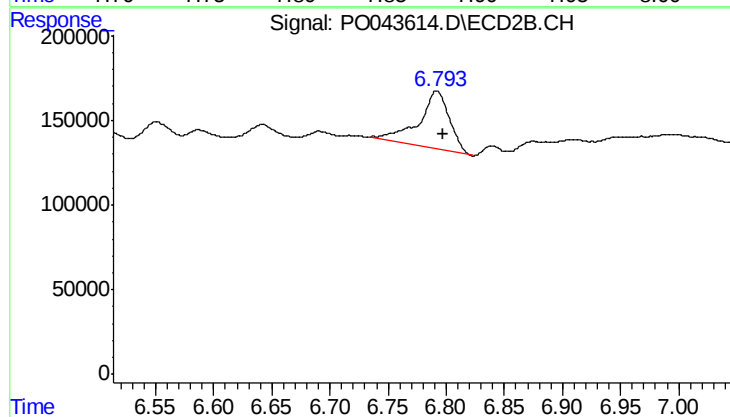
#33 AR-1260-3

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 1032910
Conc: 46.91 ng/ml



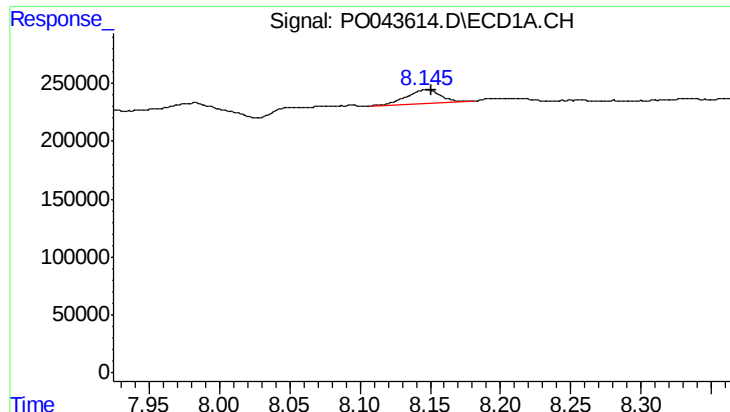
#34 AR-1260-4

R.T.: 7.863 min
Delta R.T.: -0.005 min
Response: 257267
Conc: 12.43 ng/ml



#34 AR-1260-4

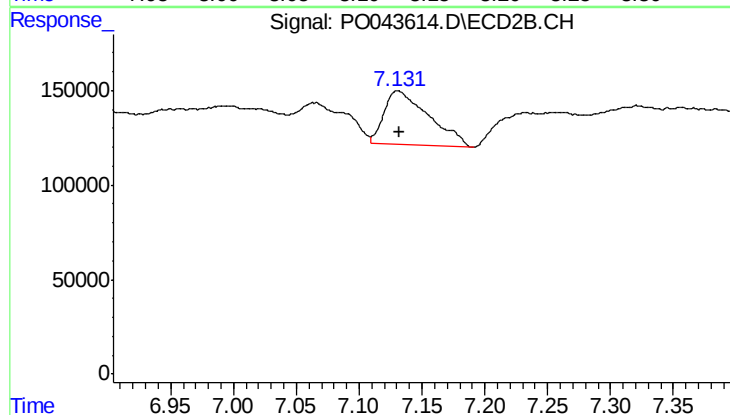
R.T.: 6.792 min
Delta R.T.: -0.005 min
Response: 622876
Conc: 16.86 ng/ml



#35 AR-1260-5

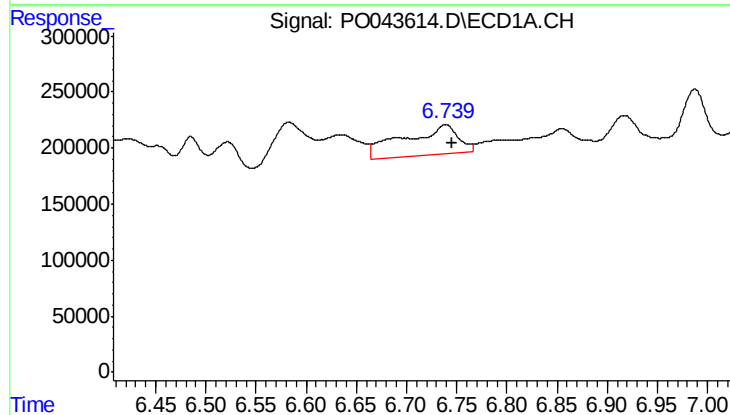
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 196490
Conc: 15.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



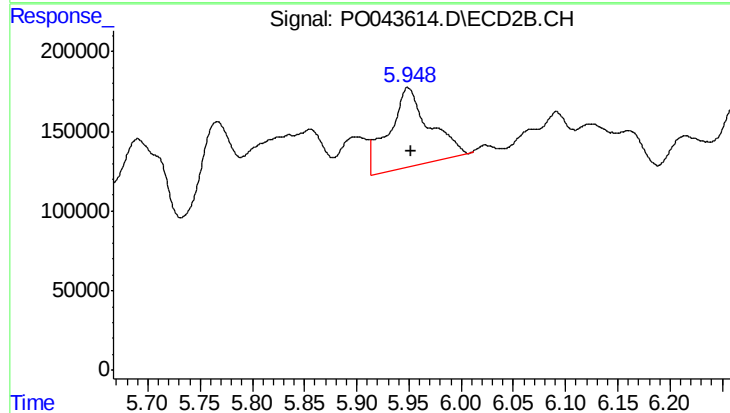
#35 AR-1260-5

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 707616
Conc: 27.52 ng/ml



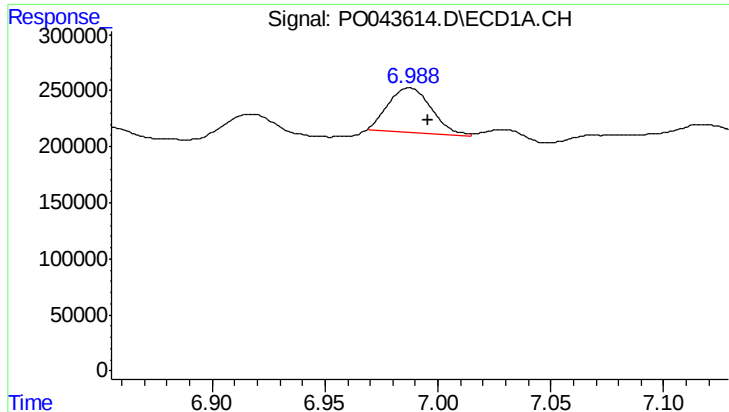
#36 AR-1262-1

R.T.: 6.739 min
Delta R.T.: -0.006 min
Response: 1035691
Conc: 107.75 ng/ml



#36 AR-1262-1

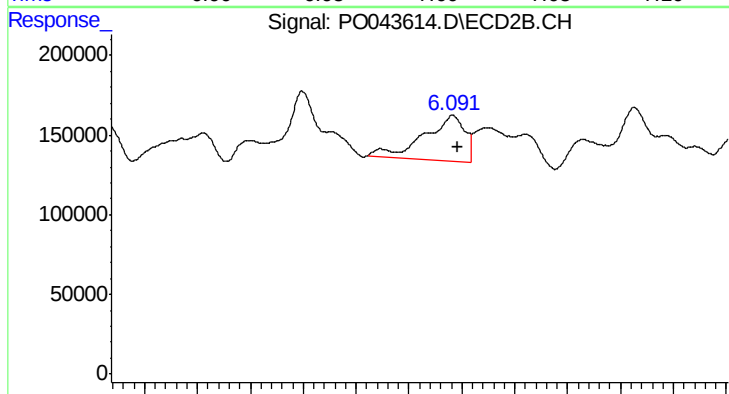
R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 1320874
Conc: 60.71 ng/ml



#37 AR-1262-2

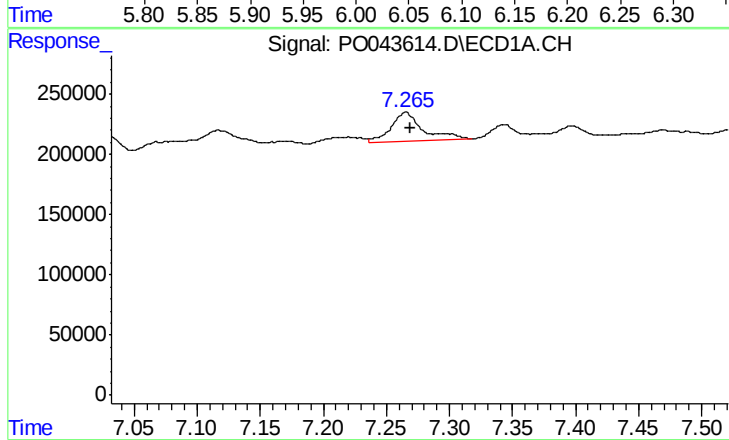
R.T.: 6.987 min
Delta R.T.: -0.008 min
Response: 532126
Conc: 43.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



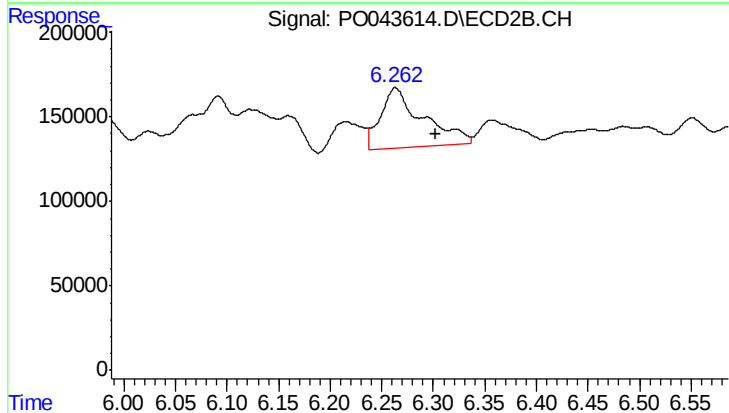
#37 AR-1262-2

R.T.: 6.091 min
Delta R.T.: -0.005 min
Response: 768388
Conc: 38.07 ng/ml



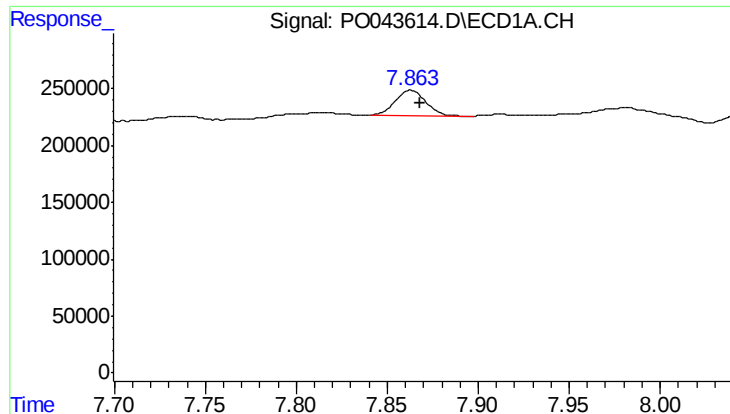
#38 AR-1262-3

R.T.: 7.266 min
Delta R.T.: -0.003 min
Response: 405945
Conc: 36.03 ng/ml



#38 AR-1262-3

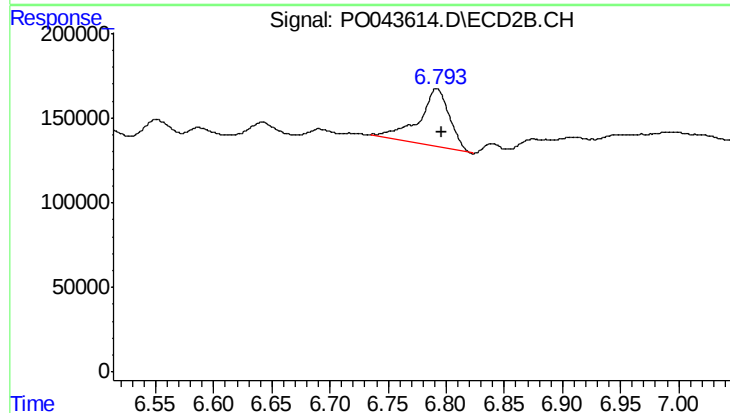
R.T.: 6.263 min
Delta R.T.: -0.040 min
Response: 1032910
Conc: 29.65 ng/ml



#40 AR-1262-5

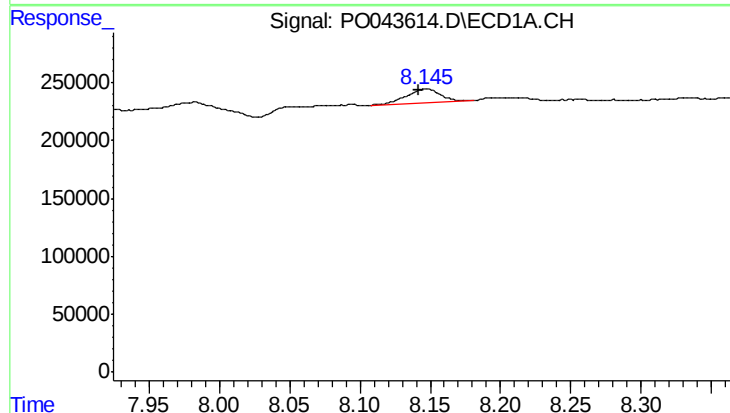
R.T.: 7.863 min
Delta R.T.: -0.005 min
Response: 257267
Conc: 8.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
MS-1



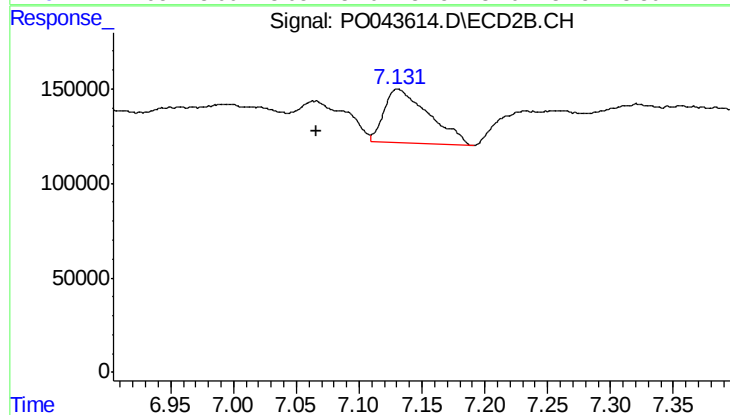
#40 AR-1262-5

R.T.: 6.792 min
Delta R.T.: -0.005 min
Response: 622876
Conc: 10.68 ng/ml



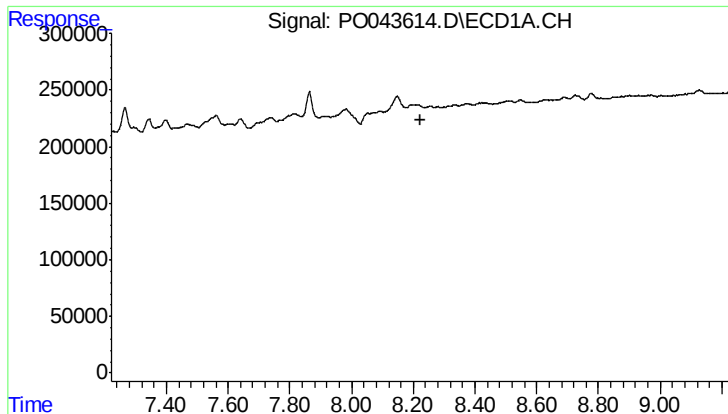
#41 AR-1268-1

R.T.: 8.148 min
Delta R.T.: 0.006 min
Response: 196490
Conc: 6.24 ng/ml



#41 AR-1268-1

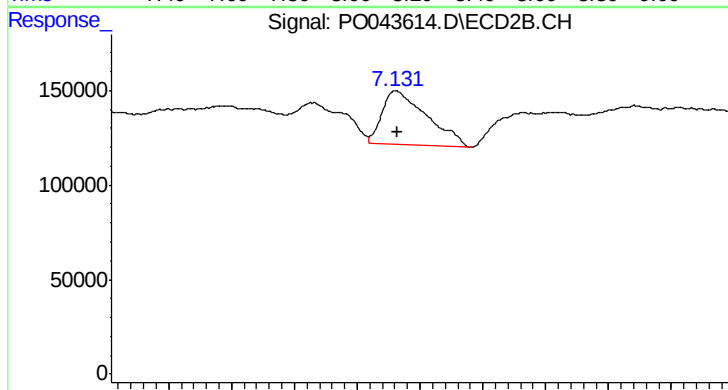
R.T.: 7.131 min
Delta R.T.: 0.065 min
Response: 707616
Conc: 12.15 ng/ml



#42 AR-1268-2

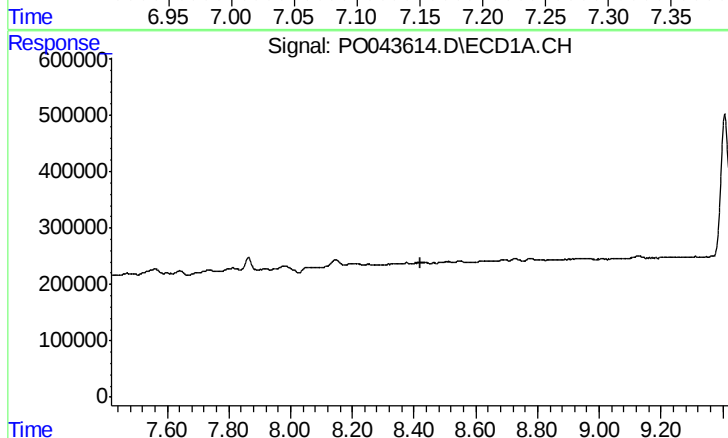
R.T.: 0.000 min
Exp R.T.: 8.222 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MS-1



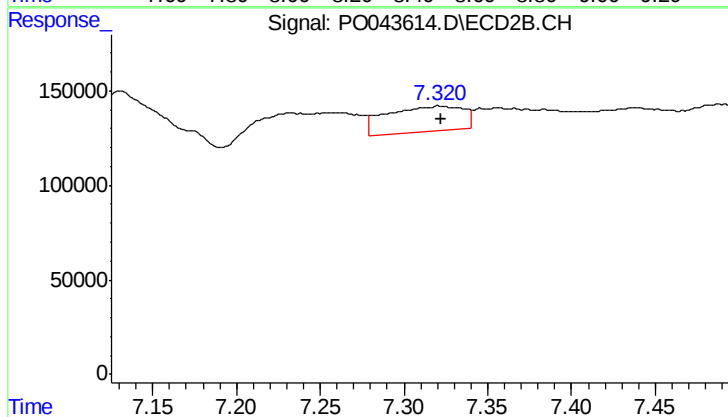
#42 AR-1268-2

R.T.: 7.131 min
Delta R.T.: -0.001 min
Response: 707616
Conc: 13.56 ng/ml



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.419 min
Response: 0
Conc: N.D.



#43 AR-1268-3

R.T.: 7.321 min
Delta R.T.: -0.001 min
Response: 422128
Conc: 9.58 ng/ml