

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011421\
 Data File : PR049336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2021 12:20
 Operator : AJ\MA
 Sample : M1104-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 01:11:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 13 16:16:45 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.669	3.856	46767276	61115787	19.686	22.604
2)	SA Decachlor...	10.549	8.908	67625848	193.3E6	26.977	23.342
Target Compounds							
3)	L1 AR-1016-1	5.825f	0.000	4443984	0	47.294	N.D. #
4)	L1 AR-1016-2	5.867	4.979f	2572154	2484527	19.554	19.754
5)	L1 AR-1016-3	5.938	5.138	1500791	5983378	18.857	82.551 #
6)	L1 AR-1016-4	6.008f	5.173	17372079	15525940	262.720	489.125 #
7)	L1 AR-1016-5	6.322	5.387	7588344	10139408	118.128	198.162 #
8)	L2 AR-1221-1	4.886	4.044f	1952251	5092029	67.850	196.197 #
9)	L2 AR-1221-2	4.980f	4.156	1292625	14714140	59.122	603.725 #
10)	L2 AR-1221-3	5.057	4.225	6162330	29173413	91.747	401.233 #
11)	L3 AR-1232-1	5.057	4.225	6162330	29173413	118.831	514.376 #
12)	L3 AR-1232-2	5.562	4.979f	6887233	2484527	254.545	45.796 #
13)	L3 AR-1232-3	5.867	5.138	2572154	5983378	45.821	190.231 #
14)	L3 AR-1232-4	6.008f	5.215	17372079	5390536	616.796	329.994 #
15)	L3 AR-1232-5	6.116	5.387	19560944	10139408	894.753	508.020 #
16)	L4 AR-1242-1	5.825f	0.000	4443984	0	61.123	N.D. #
17)	L4 AR-1242-2	5.867	4.979f	2572154	2484527	25.319	24.839
18)	L4 AR-1242-3	5.938	5.138	1500791	5983378	23.984	103.444 #
19)	L4 AR-1242-4	6.008f	5.215	17372079	5390536	335.740	157.699 #
20)	L4 AR-1242-5	6.768	5.741	12387745	64719123	216.012	1092.082 #
21)	L5 AR-1248-1	5.825f	0.000	4443984	0	82.894	N.D. #
22)	L5 AR-1248-2	6.116	5.173	19560944	15525940	264.965	379.722 #
23)	L5 AR-1248-3	6.322	5.215	7588344	5390536	93.658	109.265
24)	L5 AR-1248-4	6.739	5.387	55530018	10139408	555.147	158.673 #
25)	L5 AR-1248-5	6.768	5.777	12387745	26754292	123.769	274.749 #
26)	L6 AR-1254-1	6.699	5.741	47452538	64719123	492.597	650.921 #
27)	L6 AR-1254-2	6.916	5.887	56749643	57789241	386.945	535.174 #
28)	L6 AR-1254-3	7.287	6.292	43655911	68168426	290.679	322.709
29)	L6 AR-1254-4	7.569	6.520	28785846	87949150	236.687	260.324
30)	L6 AR-1254-5	7.992	6.937	37247945	163.8E6	305.296	408.602 #
31)	L7 AR-1260-1	7.448	6.421	20293508	49270832	178.877	407.506 #
32)	L7 AR-1260-2	7.704	6.610	41901536	76934497	295.735	162.710 #
33)	L7 AR-1260-3	8.063	6.764	39488770	42310807	360.980	155.446 #
34)	L7 AR-1260-4	8.318f	7.234	58373333	198.3E6	489.356	608.532
35)	L7 AR-1260-5	8.635	7.479	21466593	98598803	87.286	79.918
36)	L8 AR-1262-1	8.063	6.937	39488770	163.8E6	254.287	726.871 #
37)	L8 AR-1262-2	8.635	7.479	21466593	98598803	76.933	67.994
38)	L8 AR-1262-3	8.962	7.765	146.7E6	643.4E6	754.649	1156.044 #
39)	L8 AR-1262-4	9.061	7.830	119.1E6	514.3E6	1347.411	548.959 #
40)	L8 AR-1262-5	9.755	8.337	31566858	123.9E6	286.526	295.888
41)	L9 AR-1268-1	8.962	7.765	146.7E6	643.4E6	435.470	370.262

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 Operator : AJ\MA
 Sample : M1104-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

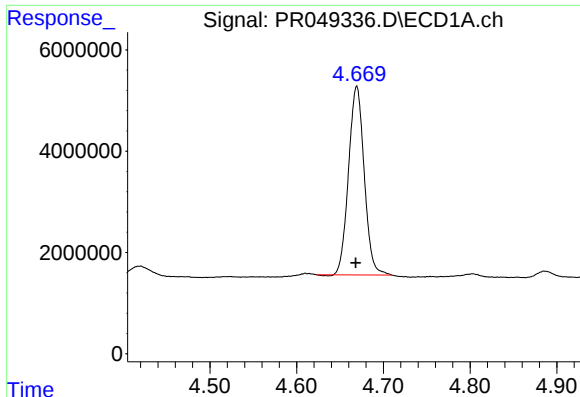
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 01:11:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011321.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	9.061	7.830	119.1E6	514.3E6	374.635	354.527
43) L9	AR-1268-3	9.300	8.037	94980143	393.8E6	344.922	305.071
44) L9	AR-1268-4	9.755	8.337	31566858	123.9E6	259.564	250.683
45) L9	AR-1268-5	10.193	8.642	284.1E6	961.6E6	303.516	253.126

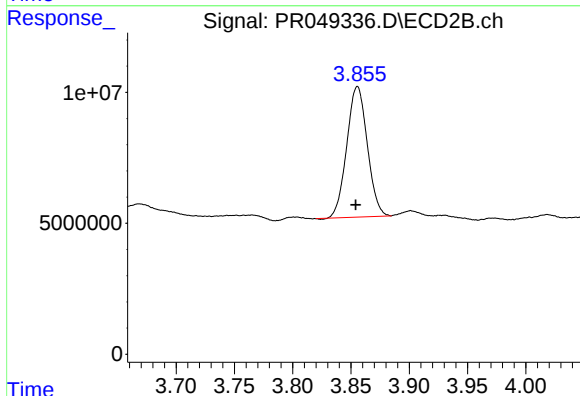
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

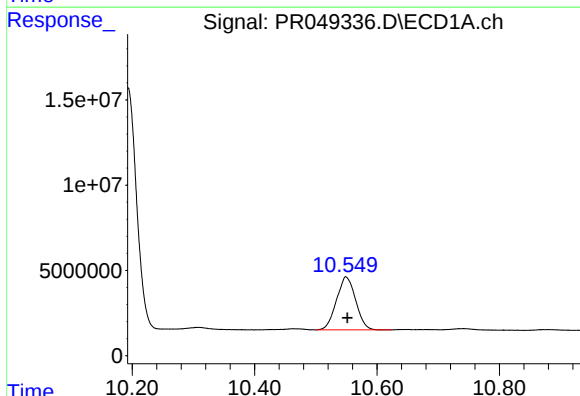
R.T.: 4.669 min
Delta R.T.: 0.001 min
Response: 46767276
Conc: 19.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



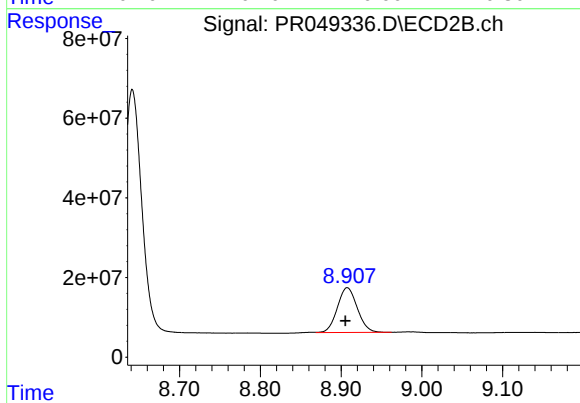
#1 Tetrachloro-m-xylene

R.T.: 3.856 min
Delta R.T.: 0.002 min
Response: 61115787
Conc: 22.60 ng/ml



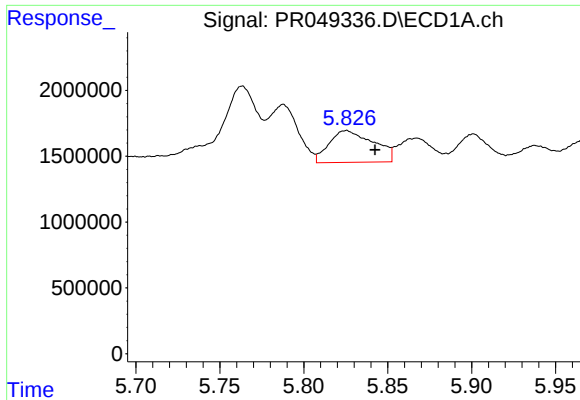
#2 Decachlorobiphenyl

R.T.: 10.549 min
Delta R.T.: -0.002 min
Response: 67625848
Conc: 26.98 ng/ml



#2 Decachlorobiphenyl

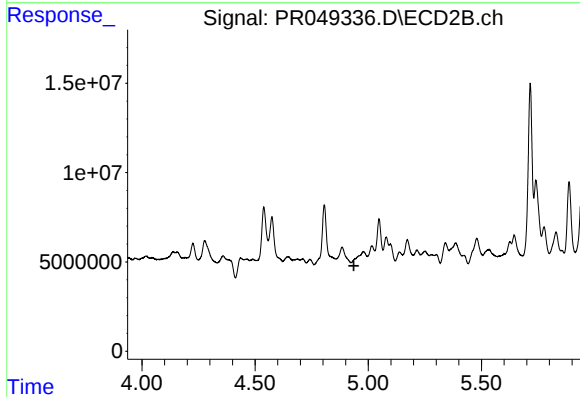
R.T.: 8.908 min
Delta R.T.: 0.002 min
Response: 193285874
Conc: 23.34 ng/ml



#3 AR-1016-1

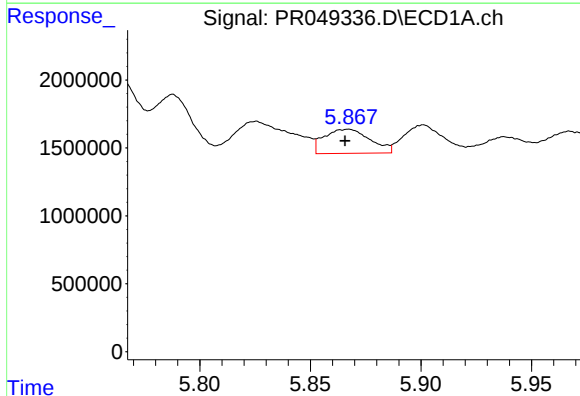
R.T.: 5.825 min
Delta R.T.: -0.017 min
Response: 4443984
Conc: 47.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



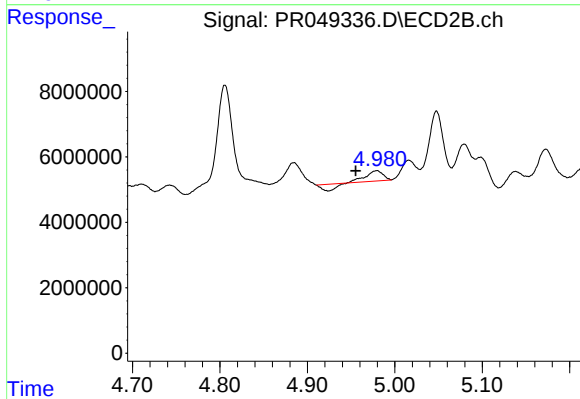
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



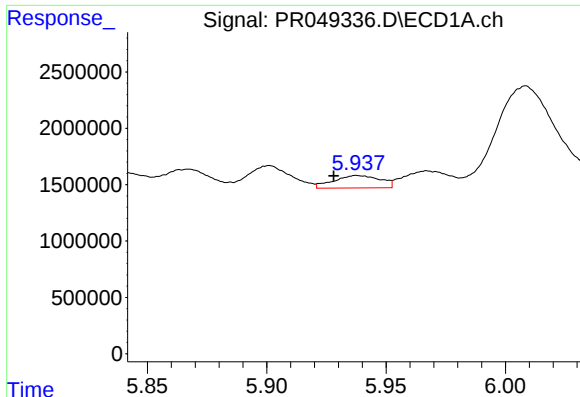
#4 AR-1016-2

R.T.: 5.867 min
Delta R.T.: 0.001 min
Response: 2572154
Conc: 19.55 ng/ml



#4 AR-1016-2

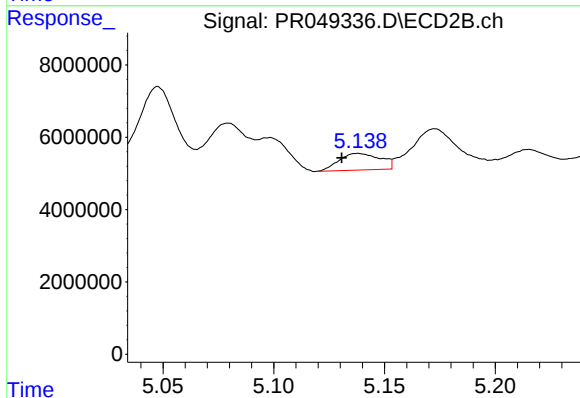
R.T.: 4.979 min
Delta R.T.: 0.024 min
Response: 2484527
Conc: 19.75 ng/ml



#5 AR-1016-3

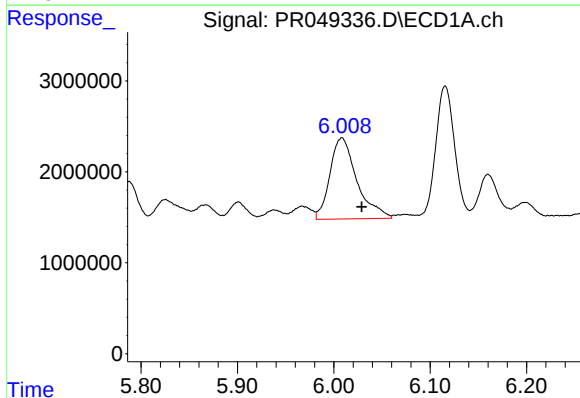
R.T.: 5.938 min
Delta R.T.: 0.010 min
Response: 1500791
Conc: 18.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



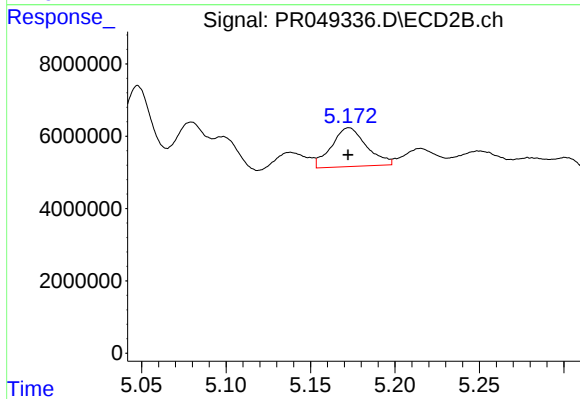
#5 AR-1016-3

R.T.: 5.138 min
Delta R.T.: 0.007 min
Response: 5983378
Conc: 82.55 ng/ml



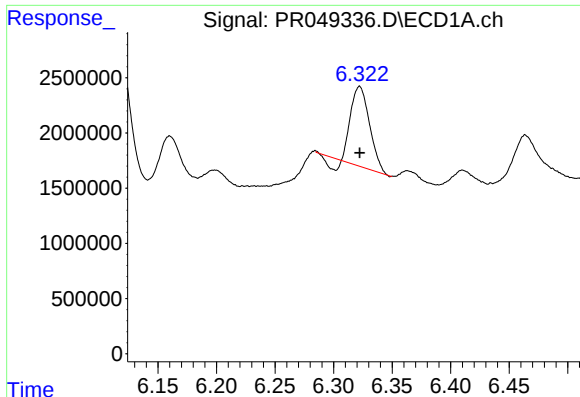
#6 AR-1016-4

R.T.: 6.008 min
Delta R.T.: -0.021 min
Response: 17372079
Conc: 262.72 ng/ml



#6 AR-1016-4

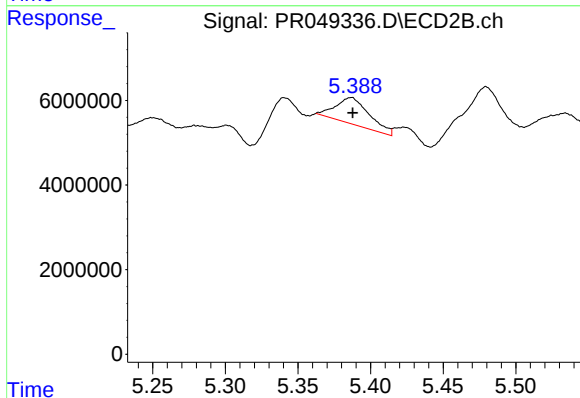
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 15525940
Conc: 489.13 ng/ml



#7 AR-1016-5

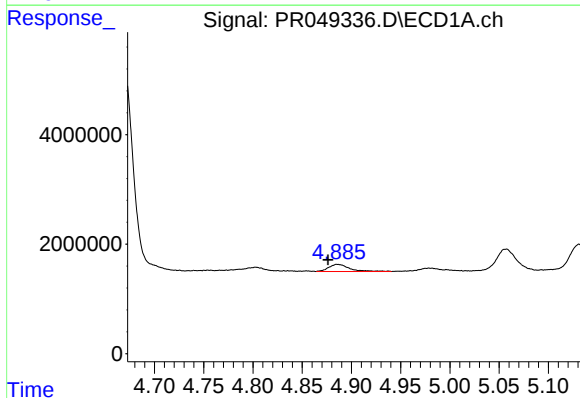
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 7588344
Conc: 118.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



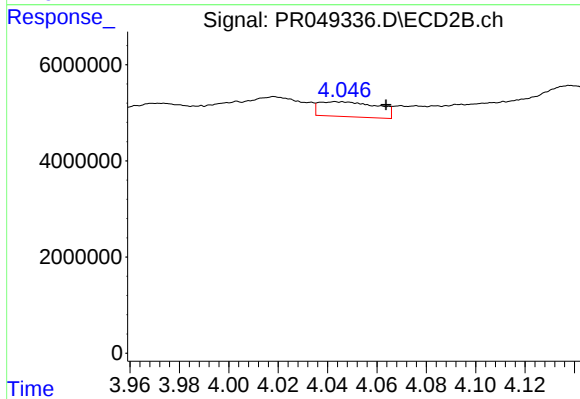
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 10139408
Conc: 198.16 ng/ml



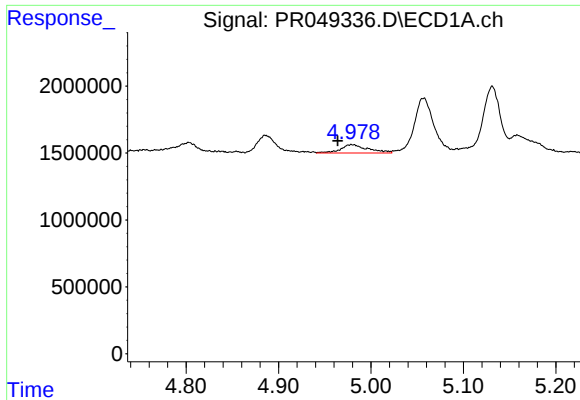
#8 AR-1221-1

R.T.: 4.886 min
Delta R.T.: 0.009 min
Response: 1952251
Conc: 67.85 ng/ml



#8 AR-1221-1

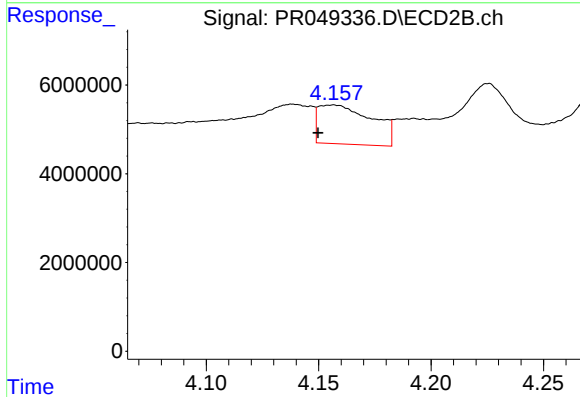
R.T.: 4.044 min
Delta R.T.: -0.020 min
Response: 5092029
Conc: 196.20 ng/ml



#9 AR-1221-2

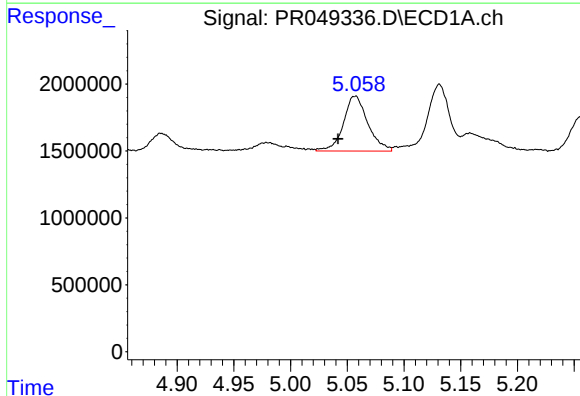
R.T.: 4.980 min
Delta R.T.: 0.015 min
Response: 1292625
Conc: 59.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



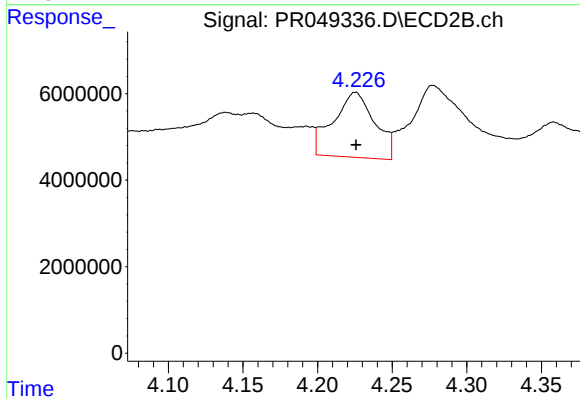
#9 AR-1221-2

R.T.: 4.156 min
Delta R.T.: 0.007 min
Response: 14714140
Conc: 603.72 ng/ml



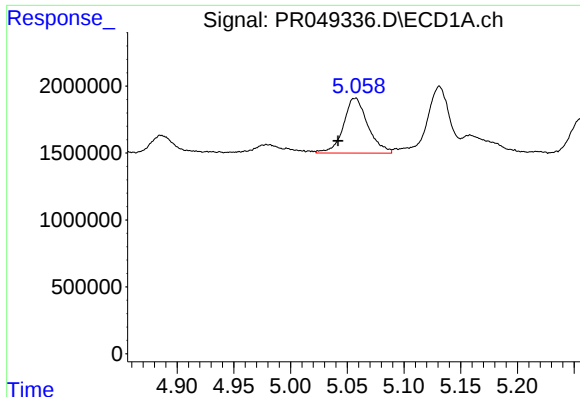
#10 AR-1221-3

R.T.: 5.057 min
Delta R.T.: 0.015 min
Response: 6162330
Conc: 91.75 ng/ml



#10 AR-1221-3

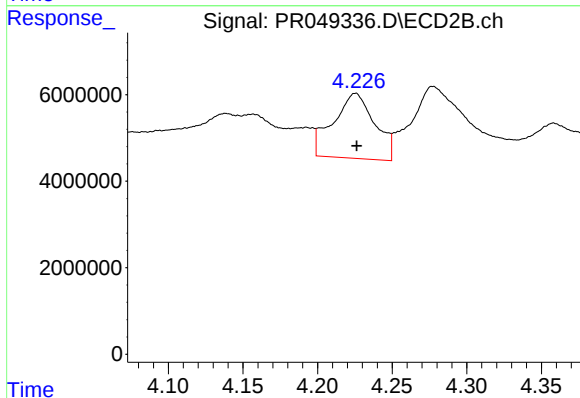
R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 29173413
Conc: 401.23 ng/ml



#11 AR-1232-1

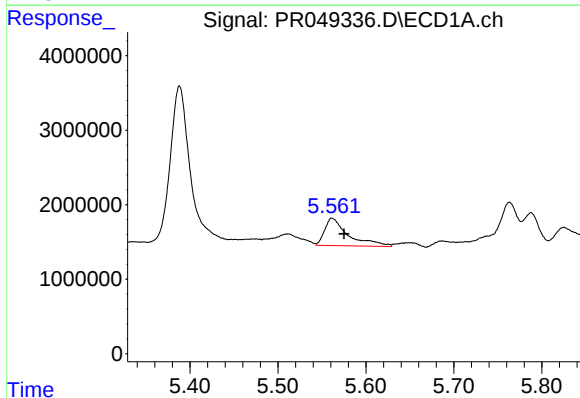
R.T.: 5.057 min
Delta R.T.: 0.015 min
Response: 6162330
Conc: 118.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



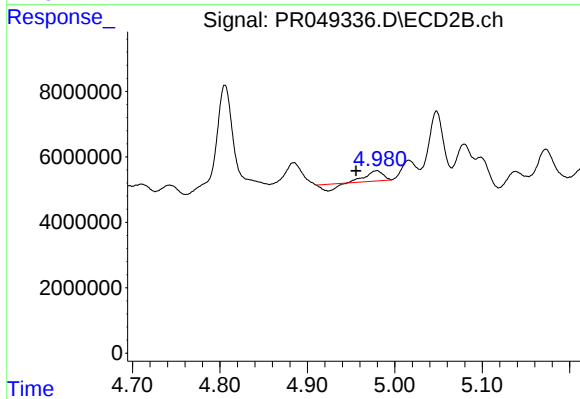
#11 AR-1232-1

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 29173413
Conc: 514.38 ng/ml



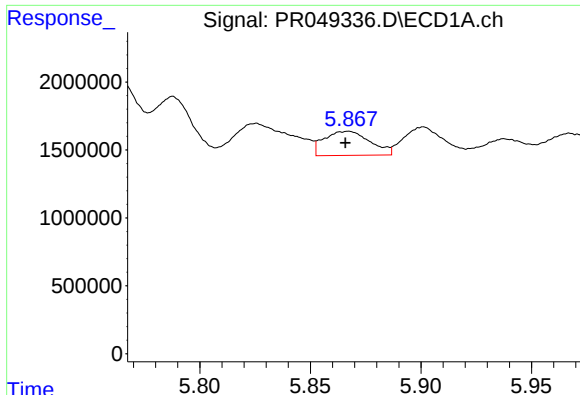
#12 AR-1232-2

R.T.: 5.562 min
Delta R.T.: -0.014 min
Response: 6887233
Conc: 254.54 ng/ml



#12 AR-1232-2

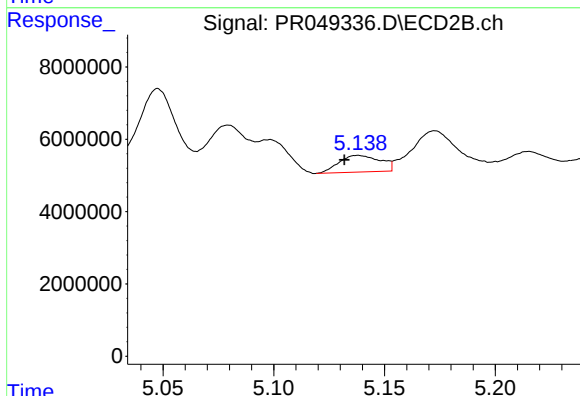
R.T.: 4.979 min
Delta R.T.: 0.024 min
Response: 2484527
Conc: 45.80 ng/ml



#13 AR-1232-3

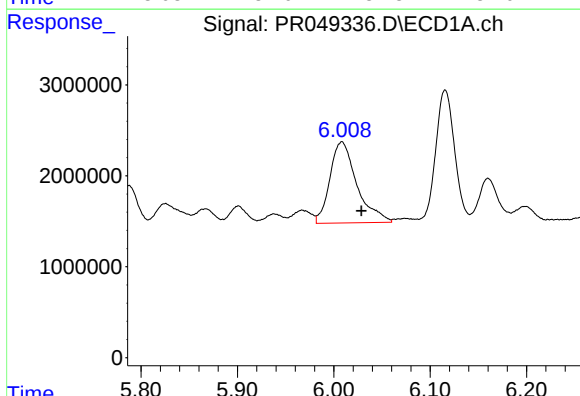
R.T.: 5.867 min
Delta R.T.: 0.001 min
Response: 2572154
Conc: 45.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



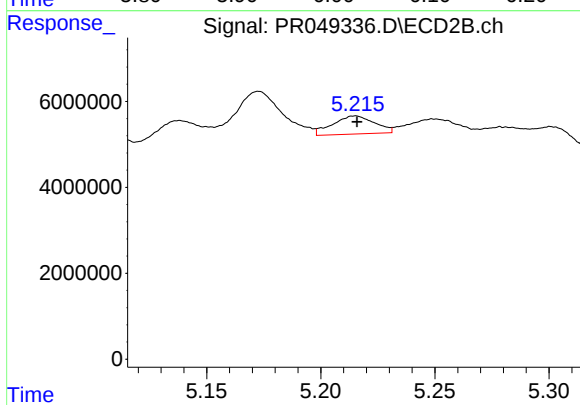
#13 AR-1232-3

R.T.: 5.138 min
Delta R.T.: 0.006 min
Response: 5983378
Conc: 190.23 ng/ml



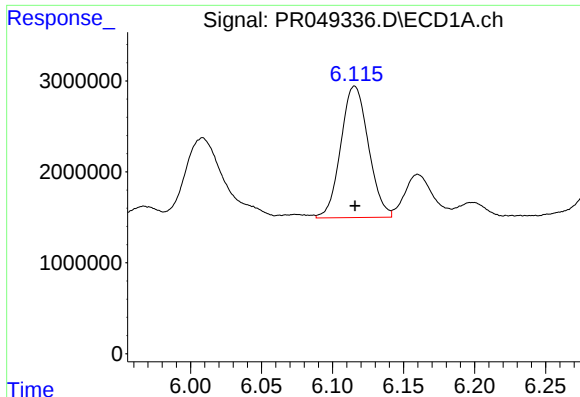
#14 AR-1232-4

R.T.: 6.008 min
Delta R.T.: -0.020 min
Response: 17372079
Conc: 616.80 ng/ml



#14 AR-1232-4

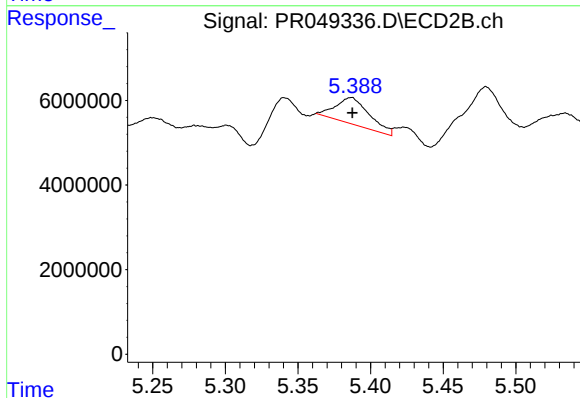
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 5390536
Conc: 329.99 ng/ml



#15 AR-1232-5

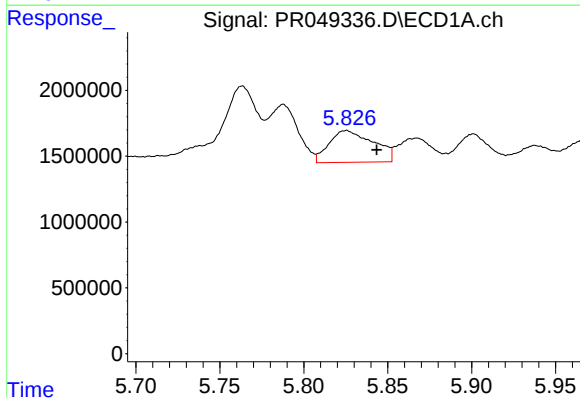
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 19560944
Conc: 894.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



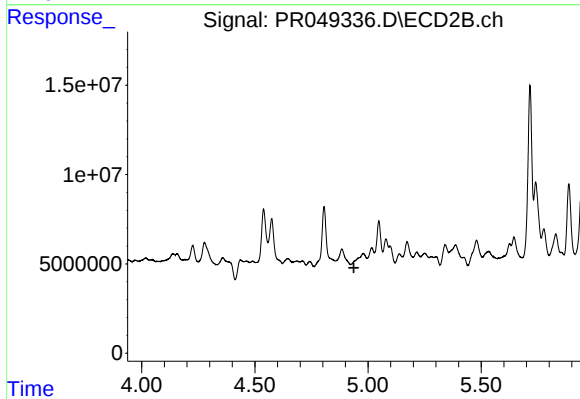
#15 AR-1232-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 10139408
Conc: 508.02 ng/ml



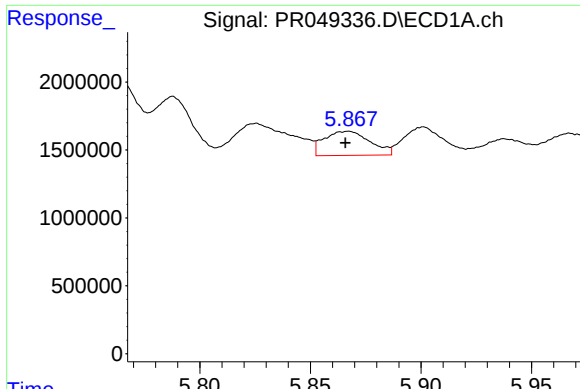
#16 AR-1242-1

R.T.: 5.825 min
Delta R.T.: -0.018 min
Response: 4443984
Conc: 61.12 ng/ml



#16 AR-1242-1

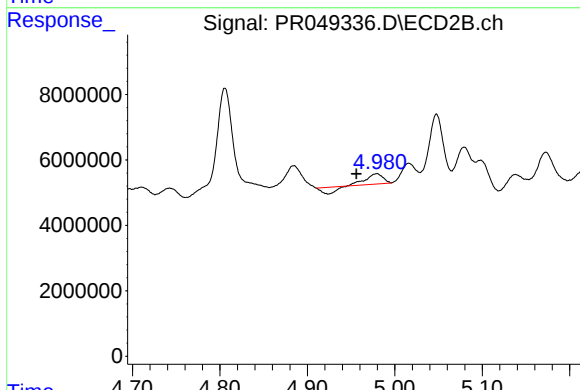
R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



#17 AR-1242-2

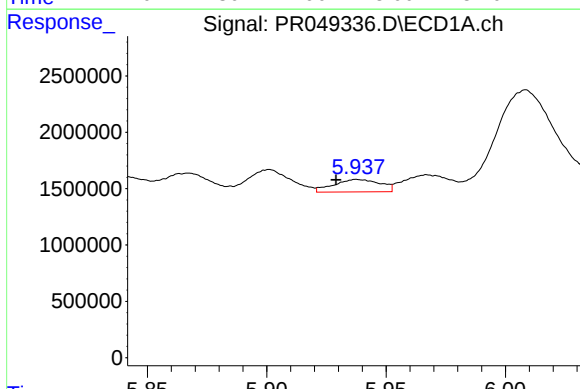
R.T.: 5.867 min
Delta R.T.: 0.001 min
Response: 2572154
Conc: 25.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



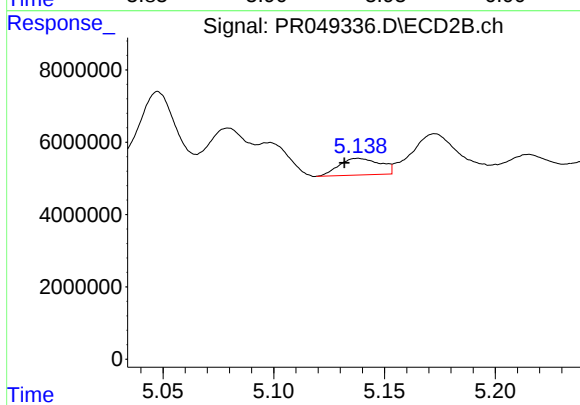
#17 AR-1242-2

R.T.: 4.979 min
Delta R.T.: 0.024 min
Response: 2484527
Conc: 24.84 ng/ml



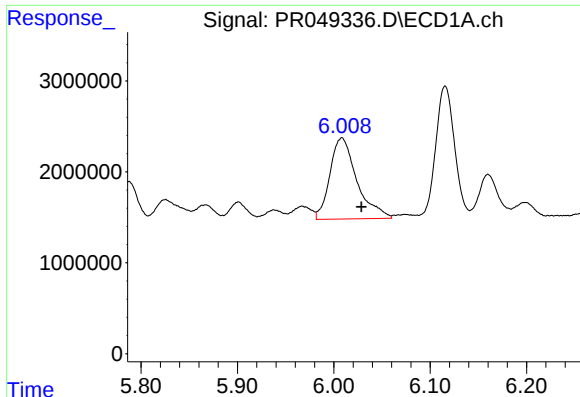
#18 AR-1242-3

R.T.: 5.938 min
Delta R.T.: 0.009 min
Response: 1500791
Conc: 23.98 ng/ml



#18 AR-1242-3

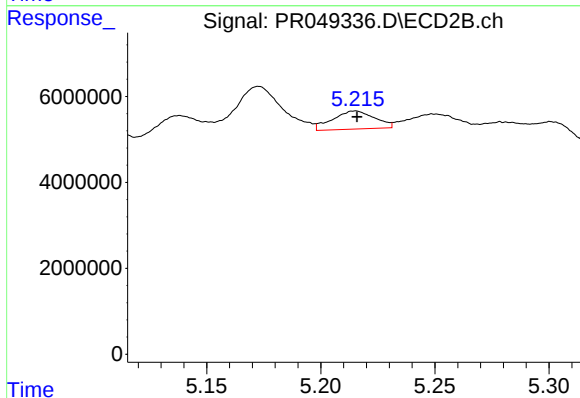
R.T.: 5.138 min
Delta R.T.: 0.006 min
Response: 5983378
Conc: 103.44 ng/ml



#19 AR-1242-4

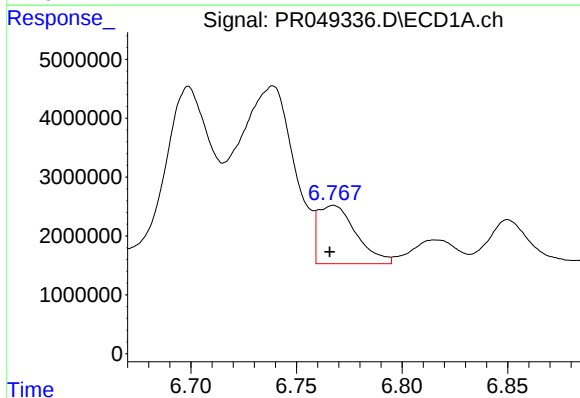
R.T.: 6.008 min
Delta R.T.: -0.020 min
Response: 17372079
Conc: 335.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



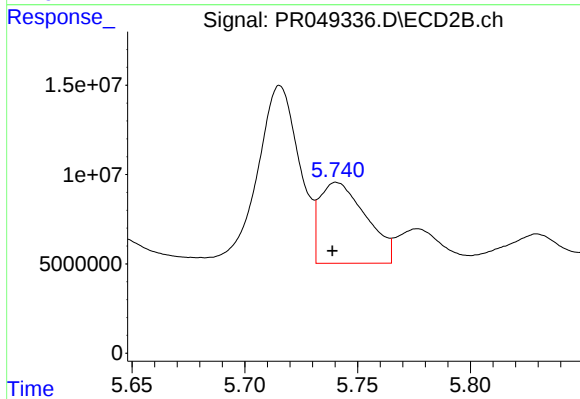
#19 AR-1242-4

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 5390536
Conc: 157.70 ng/ml



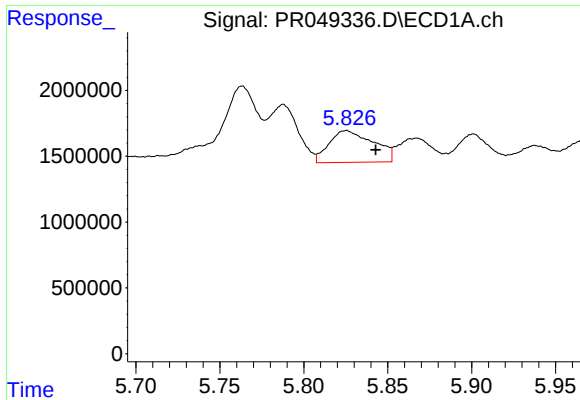
#20 AR-1242-5

R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 12387745
Conc: 216.01 ng/ml



#20 AR-1242-5

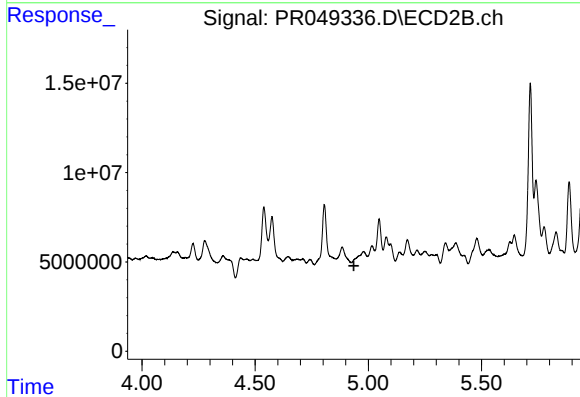
R.T.: 5.741 min
Delta R.T.: 0.002 min
Response: 64719123
Conc: 1092.08 ng/ml



#21 AR-1248-1

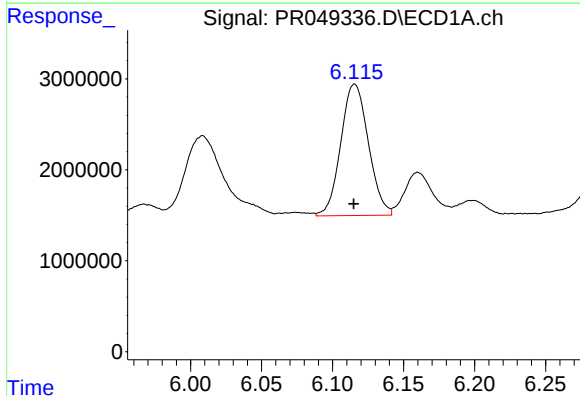
R.T.: 5.825 min
Delta R.T.: -0.018 min
Response: 4443984
Conc: 82.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



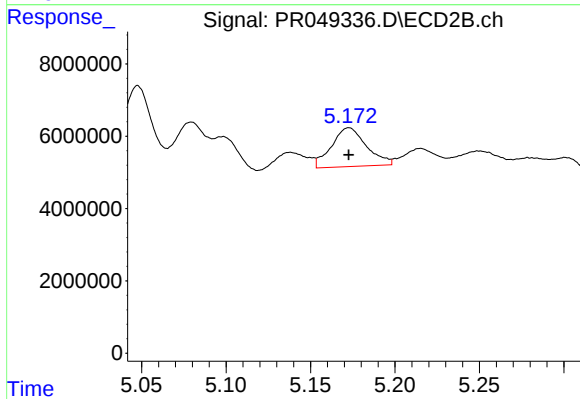
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



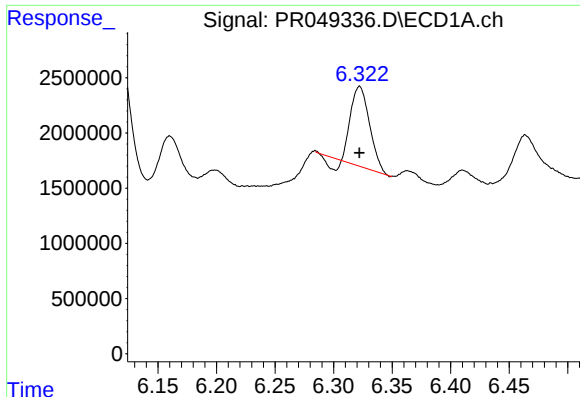
#22 AR-1248-2

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 19560944
Conc: 264.97 ng/ml



#22 AR-1248-2

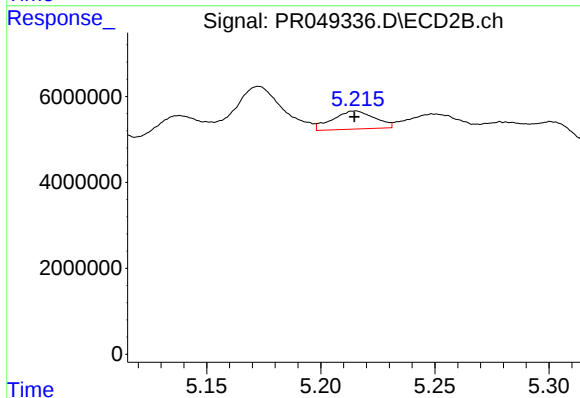
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 15525940
Conc: 379.72 ng/ml



#23 AR-1248-3

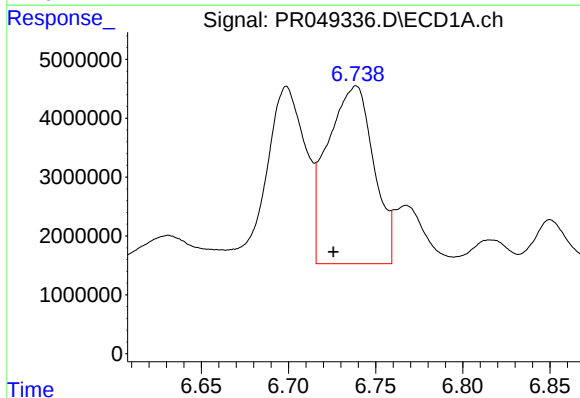
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 7588344
Conc: 93.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



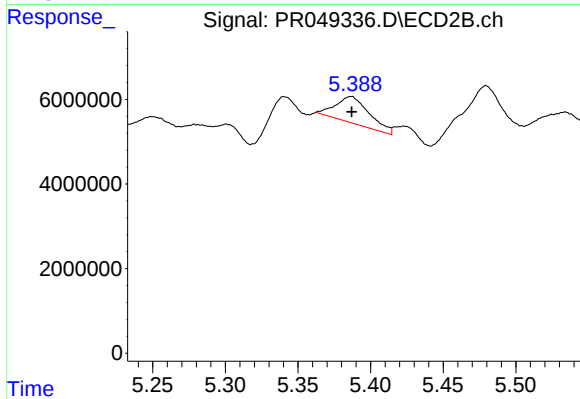
#23 AR-1248-3

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 5390536
Conc: 109.26 ng/ml



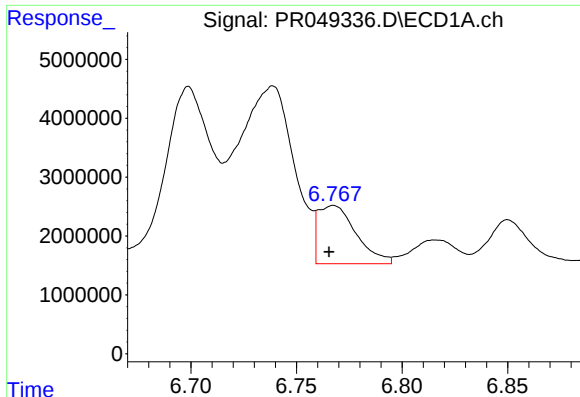
#24 AR-1248-4

R.T.: 6.739 min
Delta R.T.: 0.013 min
Response: 55530018
Conc: 555.15 ng/ml



#24 AR-1248-4

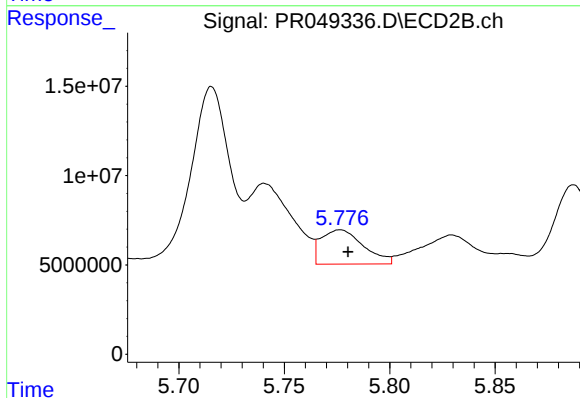
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 10139408
Conc: 158.67 ng/ml



#25 AR-1248-5

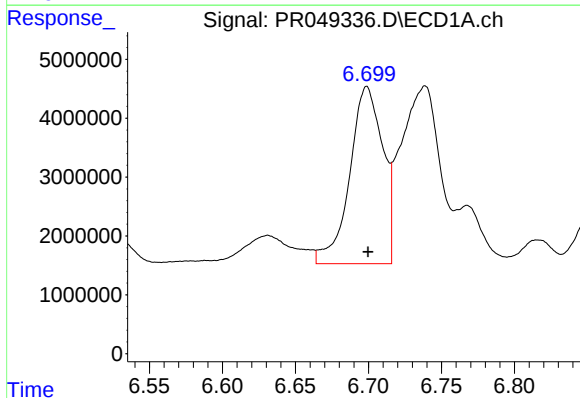
R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 12387745
Conc: 123.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



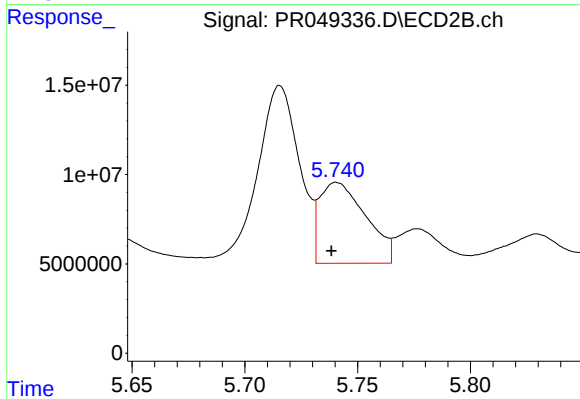
#25 AR-1248-5

R.T.: 5.777 min
Delta R.T.: -0.004 min
Response: 26754292
Conc: 274.75 ng/ml



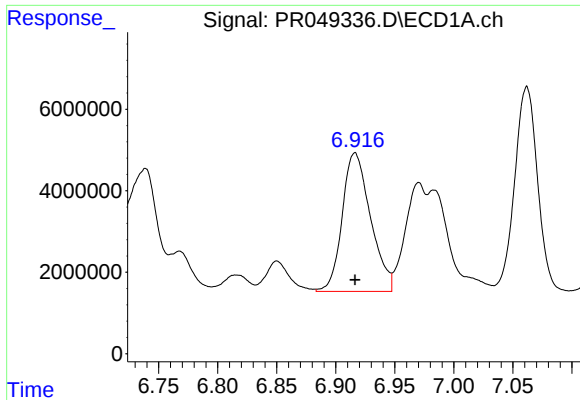
#26 AR-1254-1

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 47452538
Conc: 492.60 ng/ml



#26 AR-1254-1

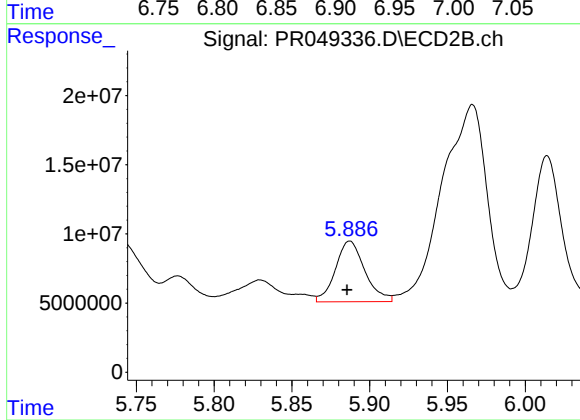
R.T.: 5.741 min
Delta R.T.: 0.002 min
Response: 64719123
Conc: 650.92 ng/ml



#27 AR-1254-2

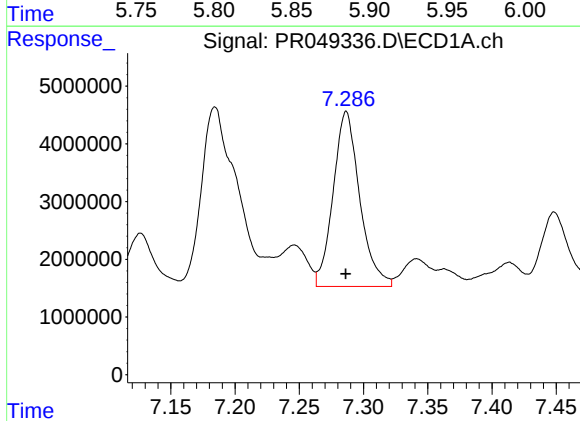
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 56749643
Conc: 386.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



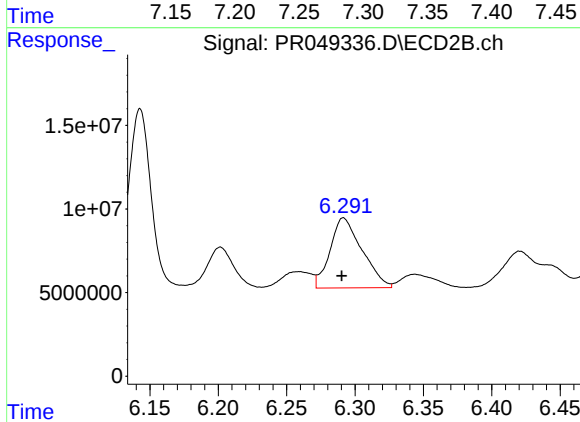
#27 AR-1254-2

R.T.: 5.887 min
Delta R.T.: 0.002 min
Response: 57789241
Conc: 535.17 ng/ml



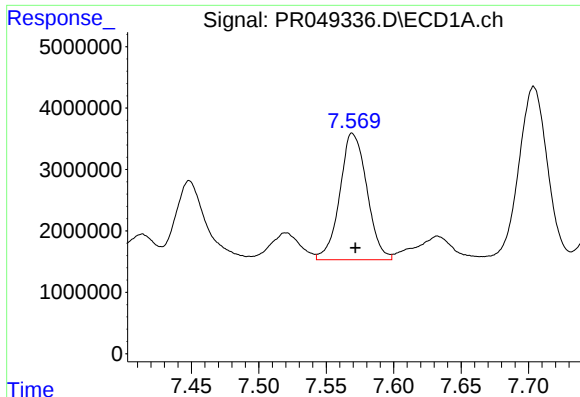
#28 AR-1254-3

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 43655911
Conc: 290.68 ng/ml



#28 AR-1254-3

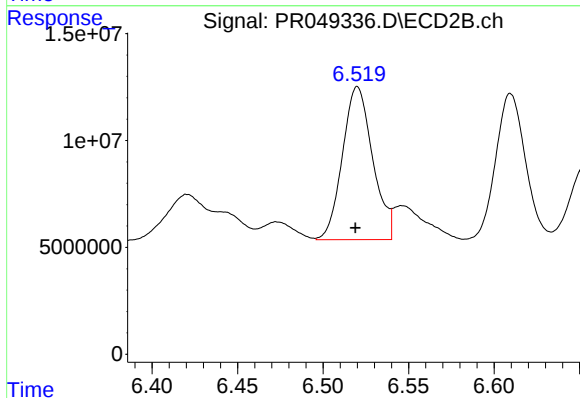
R.T.: 6.292 min
Delta R.T.: 0.001 min
Response: 68168426
Conc: 322.71 ng/ml



#29 AR-1254-4

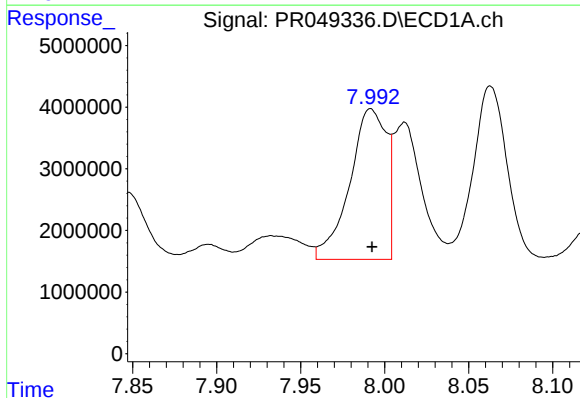
R.T.: 7.569 min
Delta R.T.: -0.002 min
Response: 28785846
Conc: 236.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



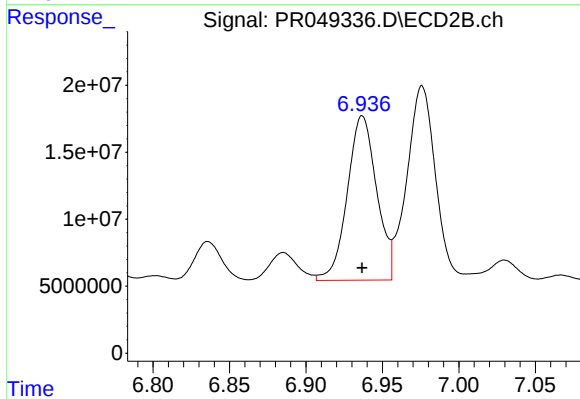
#29 AR-1254-4

R.T.: 6.520 min
Delta R.T.: 0.001 min
Response: 87949150
Conc: 260.32 ng/ml



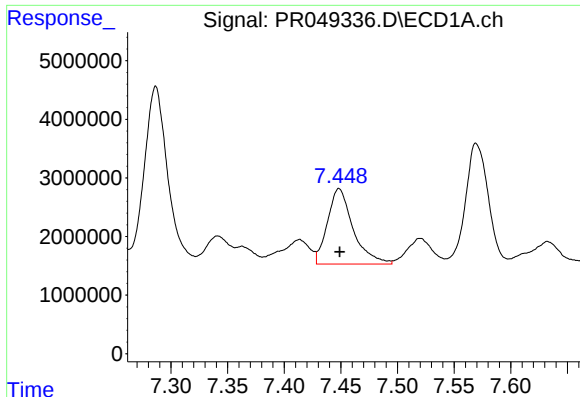
#30 AR-1254-5

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 37247945
Conc: 305.30 ng/ml



#30 AR-1254-5

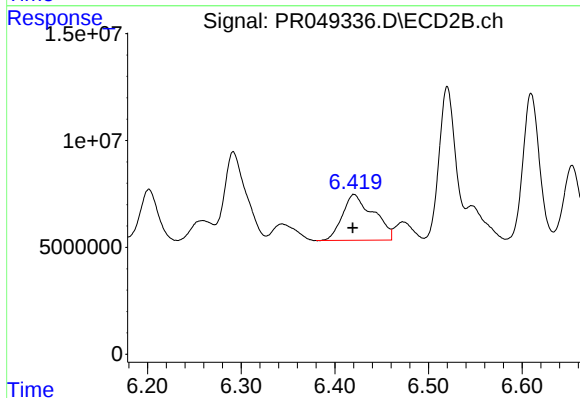
R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 163828610
Conc: 408.60 ng/ml



#31 AR-1260-1

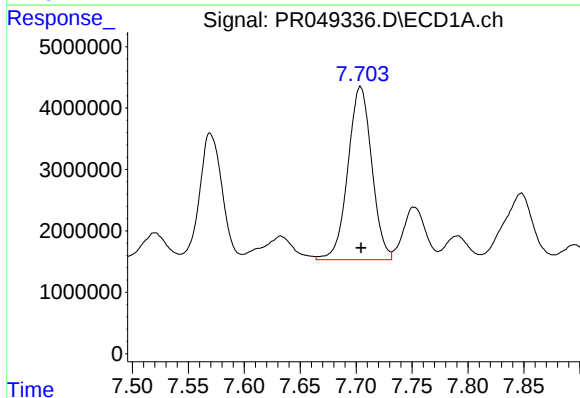
R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 20293508
Conc: 178.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



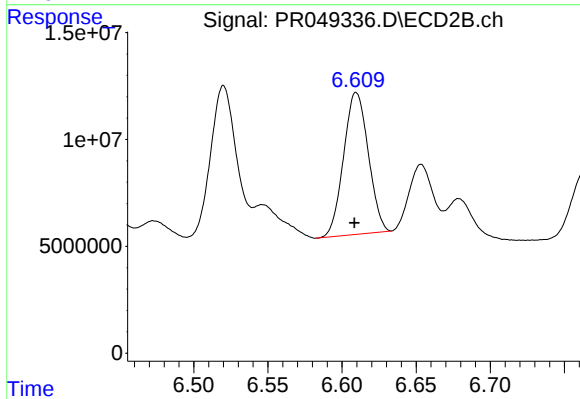
#31 AR-1260-1

R.T.: 6.421 min
Delta R.T.: 0.001 min
Response: 49270832
Conc: 407.51 ng/ml



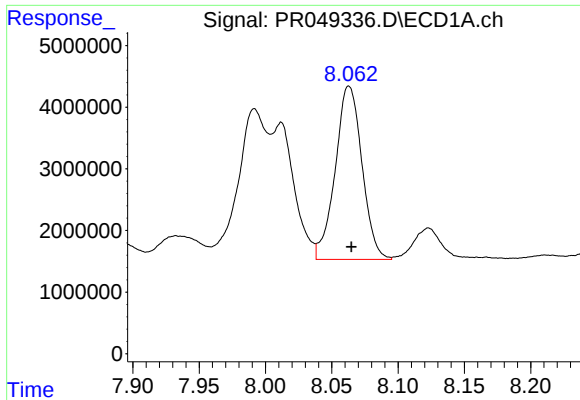
#32 AR-1260-2

R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 41901536
Conc: 295.74 ng/ml



#32 AR-1260-2

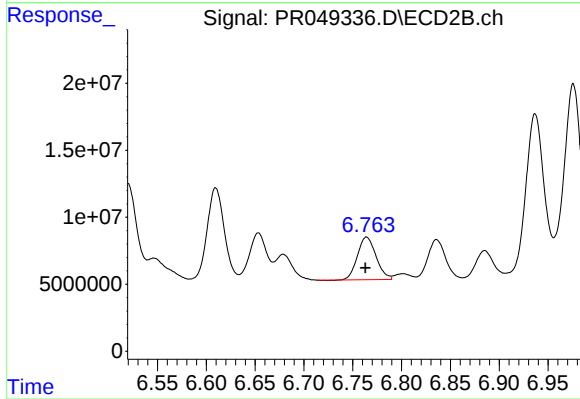
R.T.: 6.610 min
Delta R.T.: 0.001 min
Response: 76934497
Conc: 162.71 ng/ml



#33 AR-1260-3

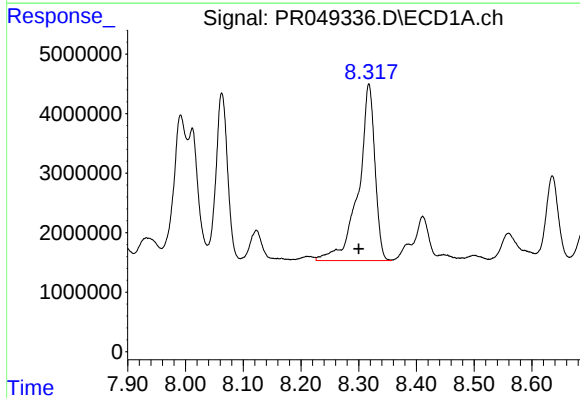
R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 39488770
Conc: 360.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



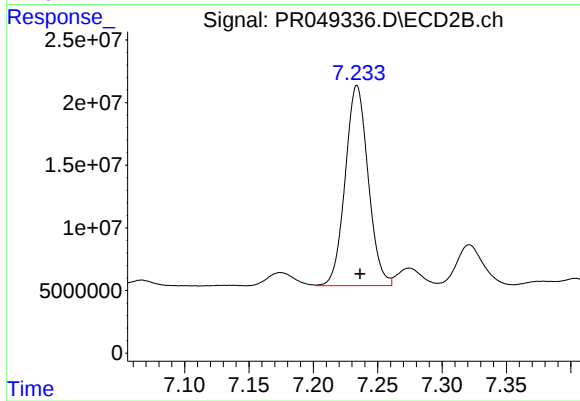
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.001 min
Response: 42310807
Conc: 155.45 ng/ml



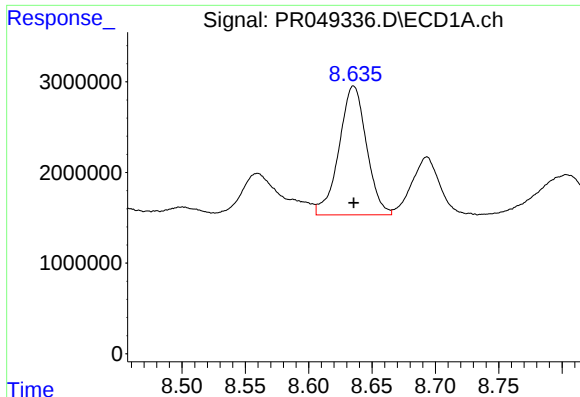
#34 AR-1260-4

R.T.: 8.318 min
Delta R.T.: 0.017 min
Response: 58373333
Conc: 489.36 ng/ml



#34 AR-1260-4

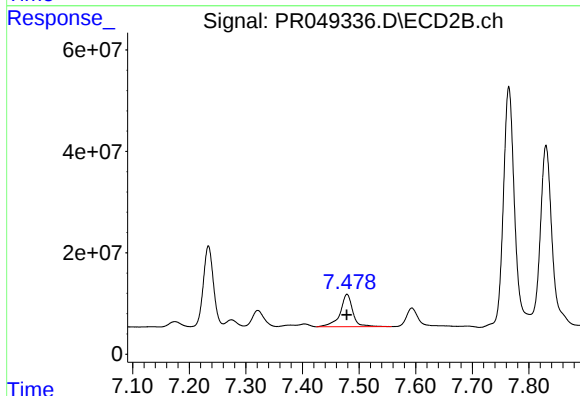
R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 198311885
Conc: 608.53 ng/ml



#35 AR-1260-5

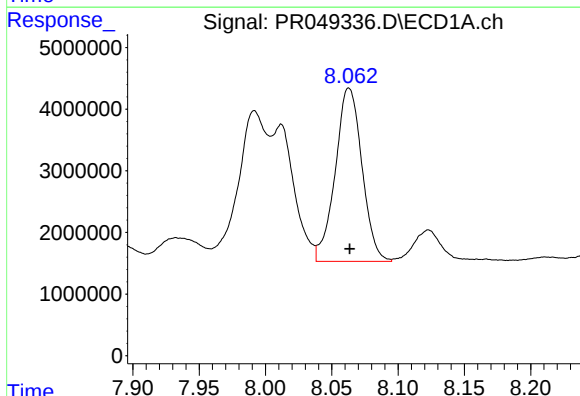
R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 21466593
Conc: 87.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



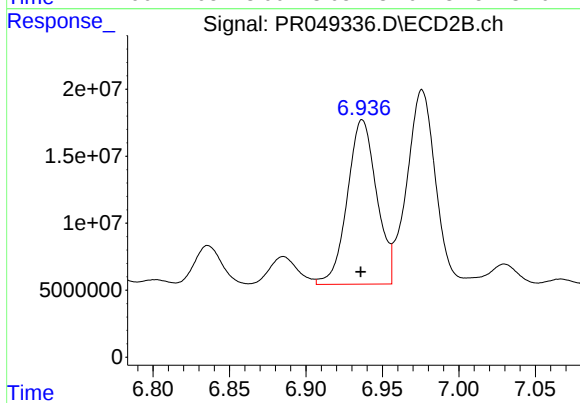
#35 AR-1260-5

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 98598803
Conc: 79.92 ng/ml



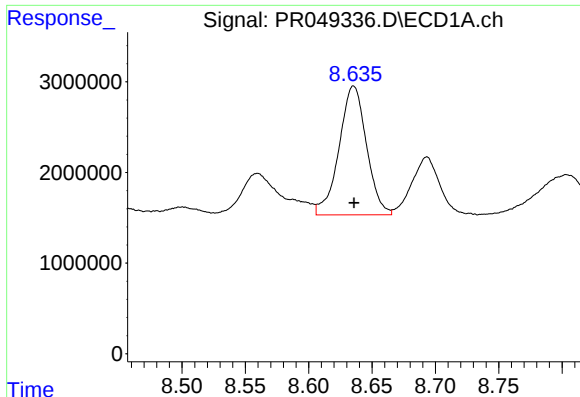
#36 AR-1262-1

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 39488770
Conc: 254.29 ng/ml



#36 AR-1262-1

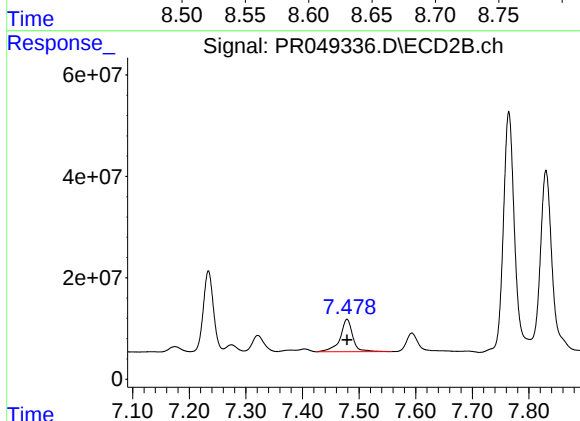
R.T.: 6.937 min
Delta R.T.: 0.001 min
Response: 163828610
Conc: 726.87 ng/ml



#37 AR-1262-2

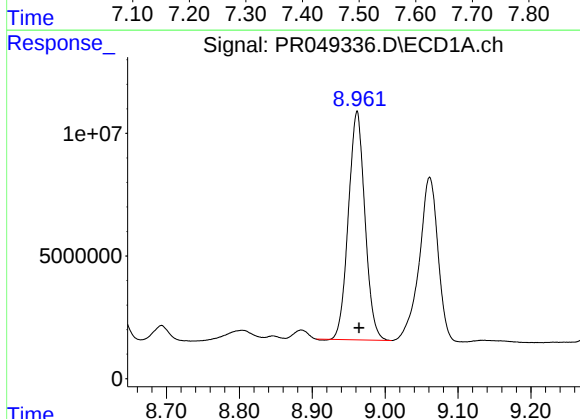
R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 21466593
Conc: 76.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



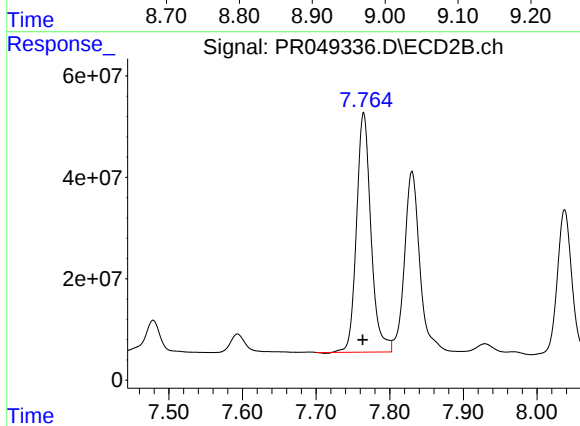
#37 AR-1262-2

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 98598803
Conc: 67.99 ng/ml



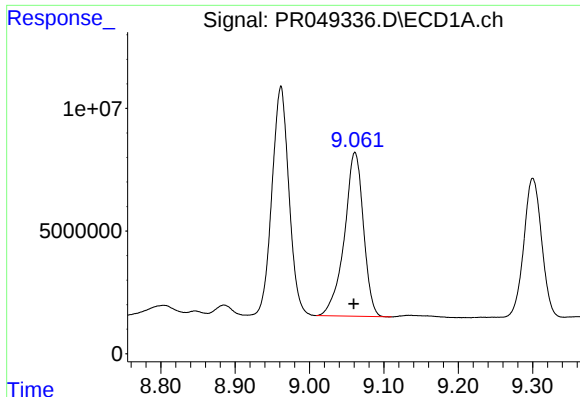
#38 AR-1262-3

R.T.: 8.962 min
Delta R.T.: -0.003 min
Response: 146687095
Conc: 754.65 ng/ml



#38 AR-1262-3

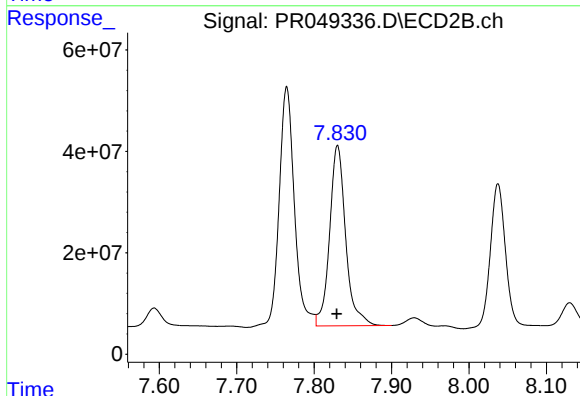
R.T.: 7.765 min
Delta R.T.: 0.001 min
Response: 643385264
Conc: 1156.04 ng/ml



#39 AR-1262-4

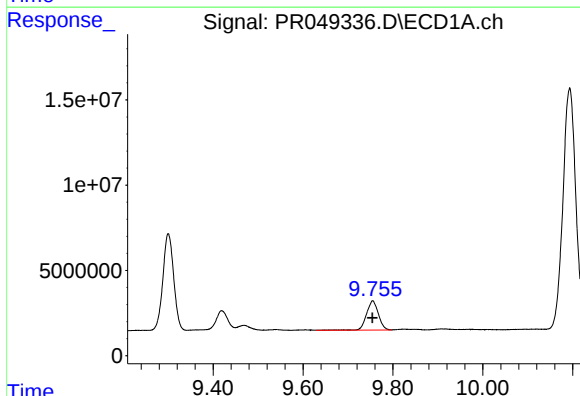
R.T.: 9.061 min
Delta R.T.: 0.001 min
Response: 119053072
Conc: 1347.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



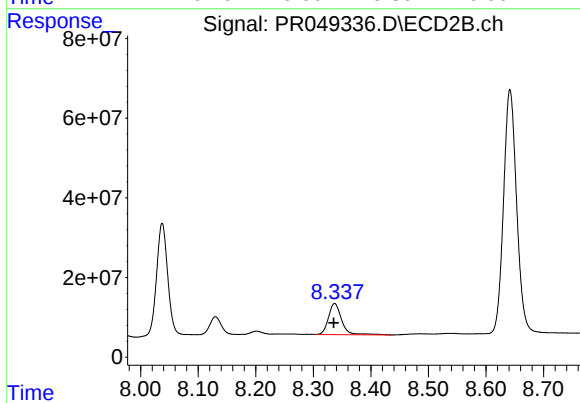
#39 AR-1262-4

R.T.: 7.830 min
Delta R.T.: 0.001 min
Response: 514275168
Conc: 548.96 ng/ml



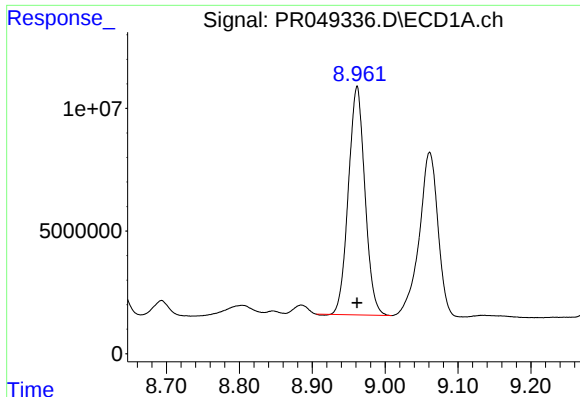
#40 AR-1262-5

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 31566858
Conc: 286.53 ng/ml



#40 AR-1262-5

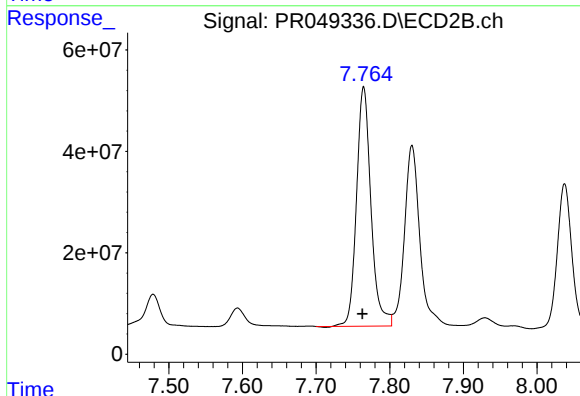
R.T.: 8.337 min
Delta R.T.: 0.002 min
Response: 123862050
Conc: 295.89 ng/ml



#41 AR-1268-1

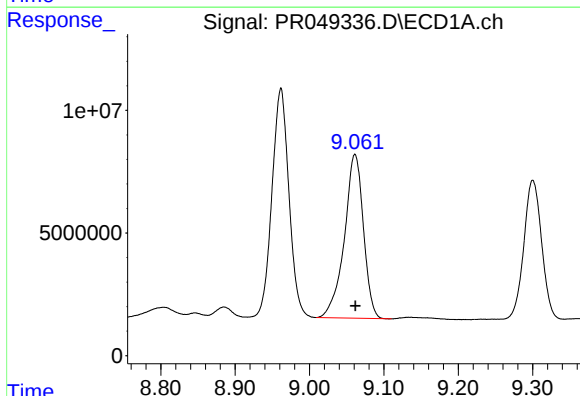
R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 146687095
Conc: 435.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



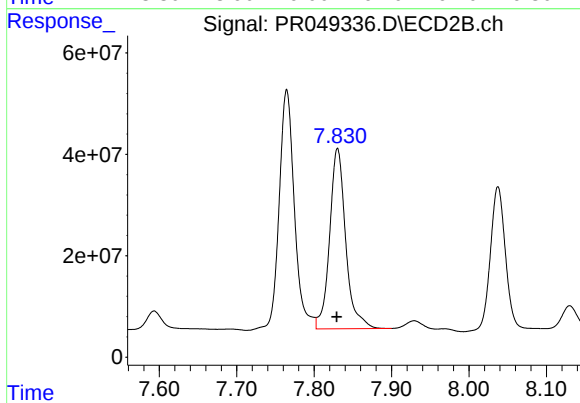
#41 AR-1268-1

R.T.: 7.765 min
Delta R.T.: 0.002 min
Response: 643385264
Conc: 370.26 ng/ml



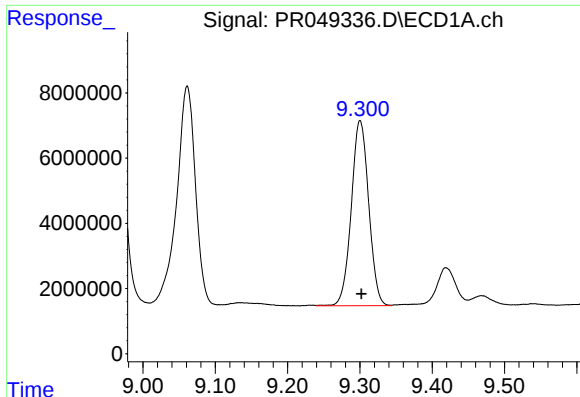
#42 AR-1268-2

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 119053072
Conc: 374.64 ng/ml



#42 AR-1268-2

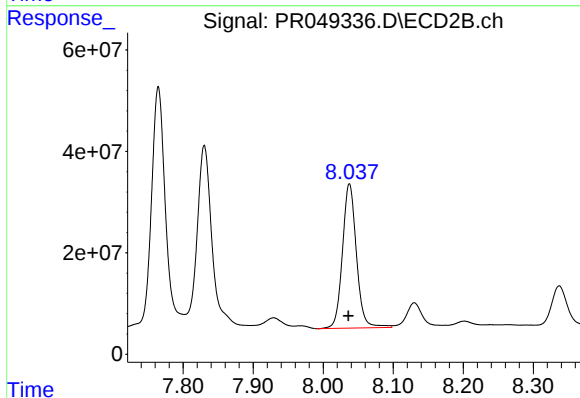
R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 514275168
Conc: 354.53 ng/ml



#43 AR-1268-3

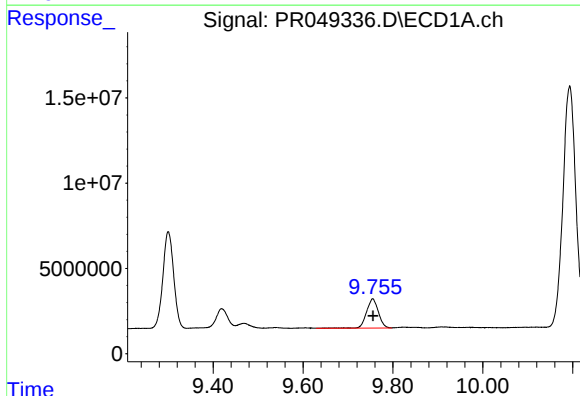
R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 94980143
Conc: 344.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



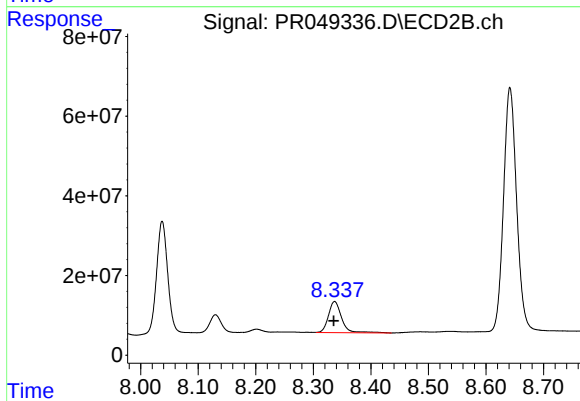
#43 AR-1268-3

R.T.: 8.037 min
Delta R.T.: 0.001 min
Response: 393822126
Conc: 305.07 ng/ml



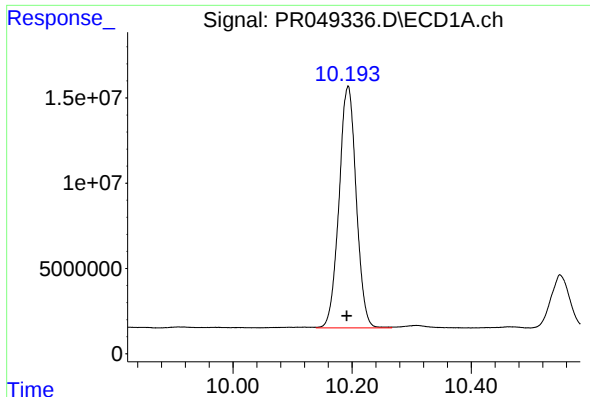
#44 AR-1268-4

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 31566858
Conc: 259.56 ng/ml



#44 AR-1268-4

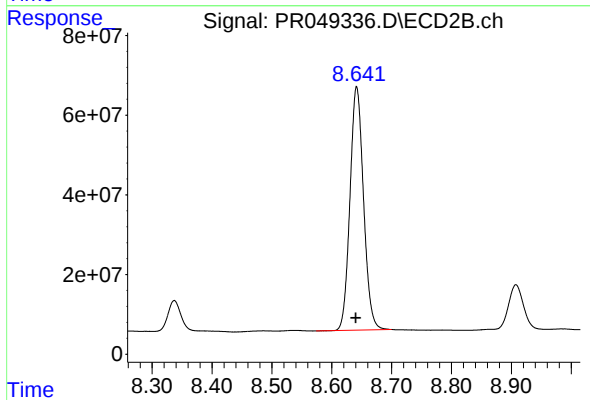
R.T.: 8.337 min
Delta R.T.: 0.002 min
Response: 123862050
Conc: 250.68 ng/ml



#45 AR-1268-5

R.T.: 10.193 min
Delta R.T.: 0.003 min
Response: 284121856
Conc: 303.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.642 min
Delta R.T.: 0.002 min
Response: 961594062
Conc: 253.13 ng/ml