

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052824\
 Data File : PR067100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2024 21:42
 Operator : AJ\MA
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12543287

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 02:15:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 22 04:28:16 2024
 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...	3.650	2.892	107.6E6	88152367	17.536	18.933
2) SA Decachlor...	9.525	8.113	47860610	78261332	36.859	35.151
Target Compounds						
3) L1 AR-1016-1	4.869	4.000	1696813	1681526	10.579	11.201
4) L1 AR-1016-2	4.895	4.017	2338103	1386972	9.107	6.259 #
5) L1 AR-1016-3	4.955	4.195	932927	1220814	5.420	9.909 #
6) L1 AR-1016-4	5.057	4.245	987691	39992934	7.447	382.927 #
7) L1 AR-1016-5	5.370	4.460	24242230	24184648	179.621	182.601
8) L2 AR-1221-1	0.000	3.112	0	86873	N.D.	1.564 #
9) L2 AR-1221-2	3.961	3.192	1530618	1311051	32.794	32.753
10) L2 AR-1221-3	4.036	3.277	879920	627646	5.832	4.974
11) L3 AR-1232-1	4.036	3.277	879920	627646	6.935	5.865
12) L3 AR-1232-2	4.584	4.017	1182734	1386972	16.646	13.387
13) L3 AR-1232-3	4.895	4.195	2338103	1220814	20.463	22.077
14) L3 AR-1232-4	5.057	4.285	987691	12307742	17.067	240.757 #
15) L3 AR-1232-5	5.159	4.460	42205846	24184648	948.370	436.644 #
16) L4 AR-1242-1	4.869	4.000	1696813	1681526	13.756	14.156
17) L4 AR-1242-2	4.895	4.017	2338103	1386972	11.897	7.820 #
18) L4 AR-1242-3	4.955	4.195	932927	1220814	6.955	12.429 #
19) L4 AR-1242-4	5.057	4.285	987691	12307742	9.547	124.258 #
20) L4 AR-1242-5	5.845	4.828	23915105	95889501	227.313	813.836 #
21) L5 AR-1248-1	4.869	4.000	1696813	1681526	18.672	18.596
22) L5 AR-1248-2	5.159	4.245	42205846	39992934	283.523	286.160
23) L5 AR-1248-3	5.370	4.285	24242230	12307742	141.931	88.012 #
24) L5 AR-1248-4	5.802	4.460	31035518	24184648	196.816	144.349 #
25) L5 AR-1248-5	5.845	4.870	23915105	11731275	134.292	75.932 #
26) L6 AR-1254-1	5.773	4.828	69551839	95889501	364.857	392.559
27) L6 AR-1254-2	6.008	4.986	104.2E6	84810474	371.258	391.781
28) L6 AR-1254-3	6.399	5.405	102.1E6	135.4E6	380.910	398.064
29) L6 AR-1254-4	6.710	5.650	56669081	80867802	351.767	412.095
30) L6 AR-1254-5	7.162	6.093	73010200	121.8E6	380.249	395.550
31) L7 AR-1260-1	6.578	5.546	41473818	68362482	170.084	262.394 #
32) L7 AR-1260-2	6.859	5.748	40777336	56740525	157.505	185.053
33) L7 AR-1260-3	7.246	5.903	3910831	56348048	19.682	192.225 #
34) L7 AR-1260-4	7.469	6.409	28540483	6322454	136.634	25.286 #
35) L7 AR-1260-5	7.827	6.674	9401572	14674629	27.467	26.882
36) L8 AR-1262-1	7.246	6.163	3910831	10046005	15.113	30.308 #
37) L8 AR-1262-2	7.827	6.674	9401572	14674629	27.108	26.367
38) L8 AR-1262-3	8.140	6.978	6531201	576230	28.636	2.414 #
39) L8 AR-1262-4	8.189	7.040	1497789	14029029	8.298	32.877 #
40) L8 AR-1262-5	0.000	7.582	0	724446	N.D.	3.699 #
41) L9 AR-1268-1	8.140	6.978	6531201	576230	15.743	0.866 #

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Instrument :
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 ClientSampleId :
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Integration File signal 1: autoint1.e
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 Quant Time: May 29 02:15:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 22 04:28:16 2024
 Response via : Initial Calibration
 Integrator: ChemStation

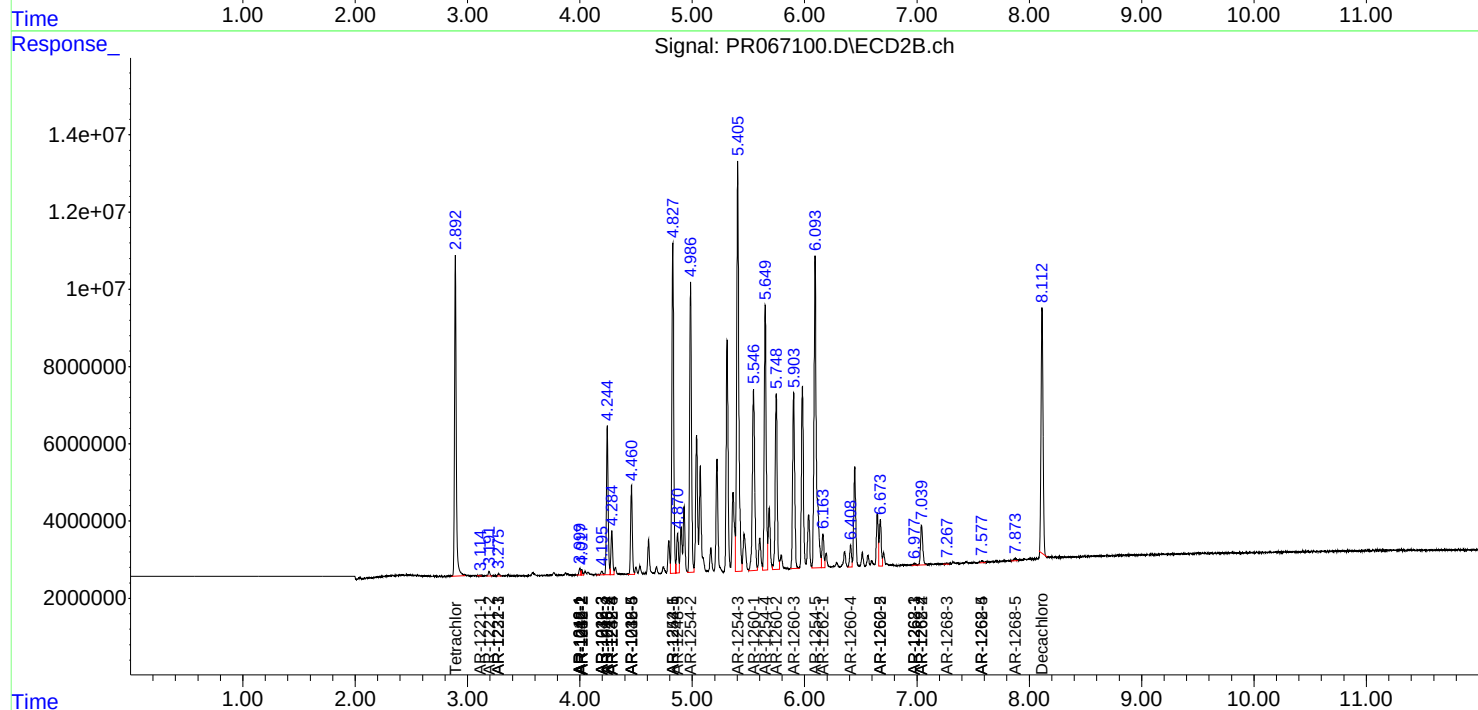
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

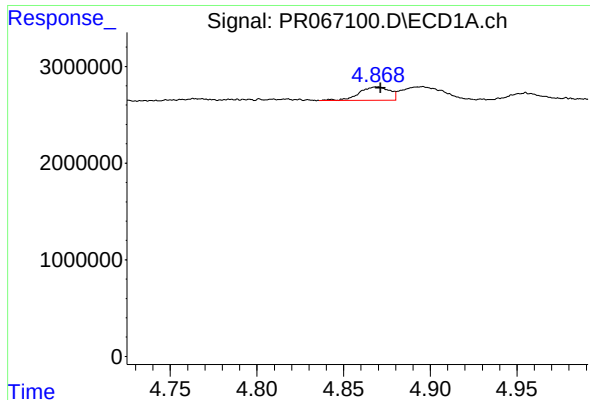
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.189	7.040	1497789	14029029	4.042	23.019 #
43) L9	AR-1268-3	0.000	7.265	0	460338	N.D.	0.861 #
44) L9	AR-1268-4	0.000	7.582	0	724446	N.D.	3.287 #
45) L9	AR-1268-5	9.221	7.872	582710	967894	0.692	0.649

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

Instrument :
ECD_R
ClientSampleId :
AR12543287

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

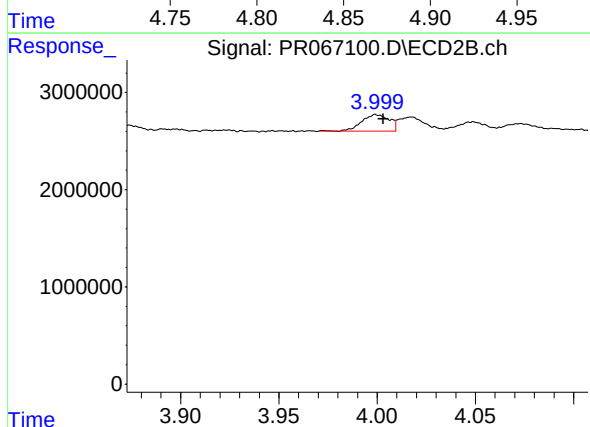




#3 AR-1016-1

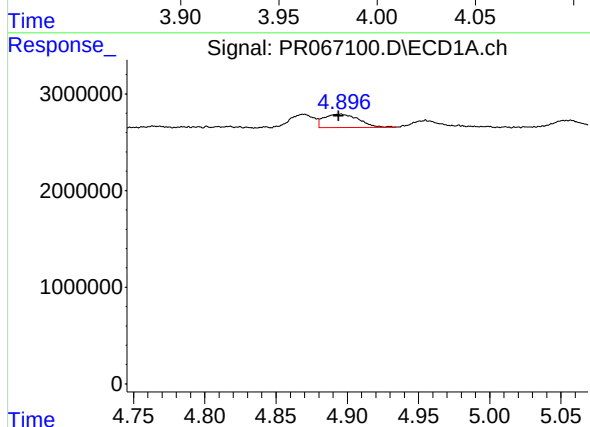
R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 1696813
Conc: 10.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



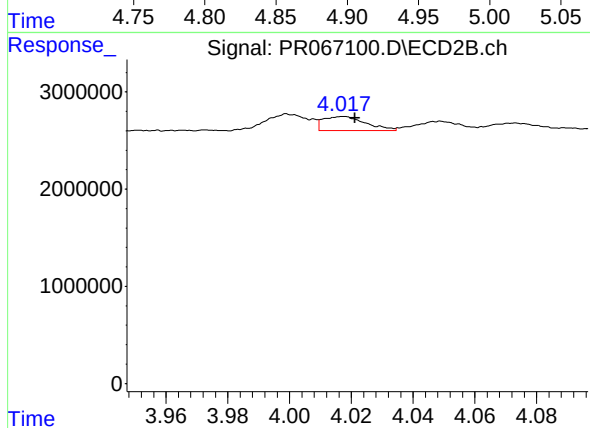
#3 AR-1016-1

R.T.: 4.000 min
Delta R.T.: -0.004 min
Response: 1681526
Conc: 11.20 ng/ml



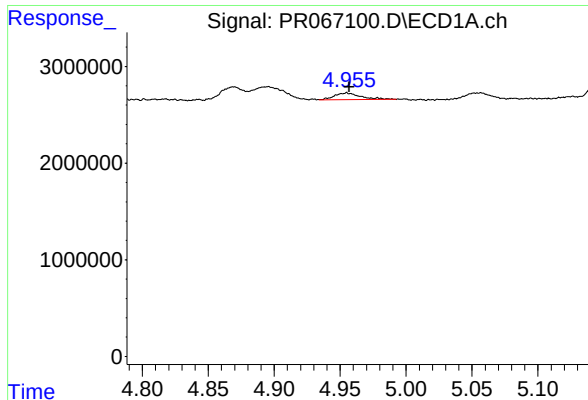
#4 AR-1016-2

R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 2338103
Conc: 9.11 ng/ml



#4 AR-1016-2

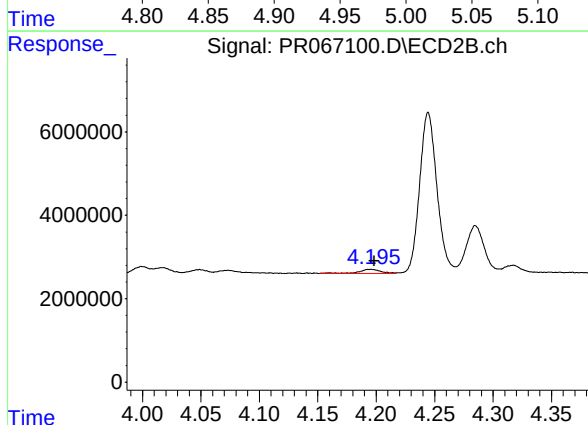
R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 1386972
Conc: 6.26 ng/ml



#5 AR-1016-3

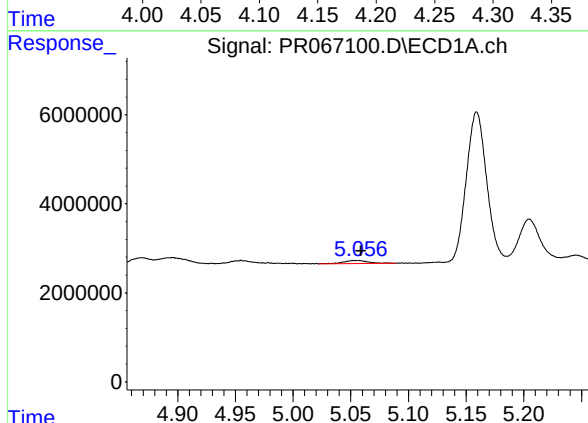
R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 932927
Conc: 5.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



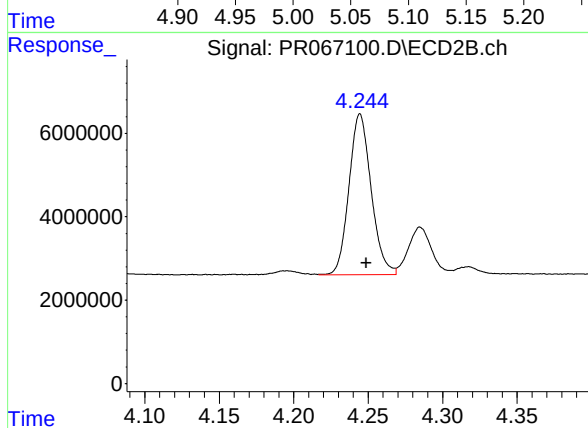
#5 AR-1016-3

R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 1220814
Conc: 9.91 ng/ml



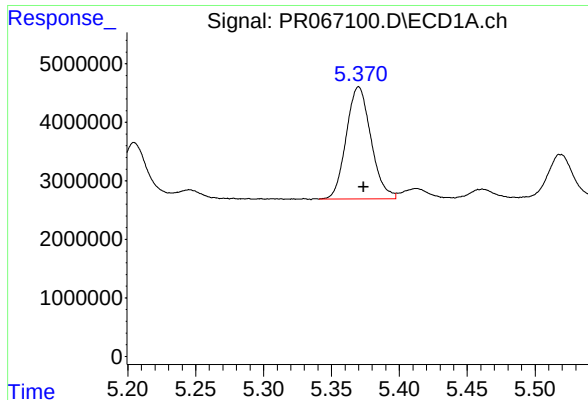
#6 AR-1016-4

R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 987691
Conc: 7.45 ng/ml



#6 AR-1016-4

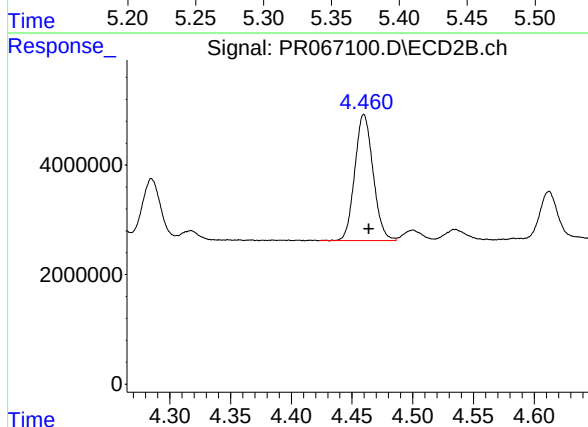
R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 39992934
Conc: 382.93 ng/ml



#7 AR-1016-5

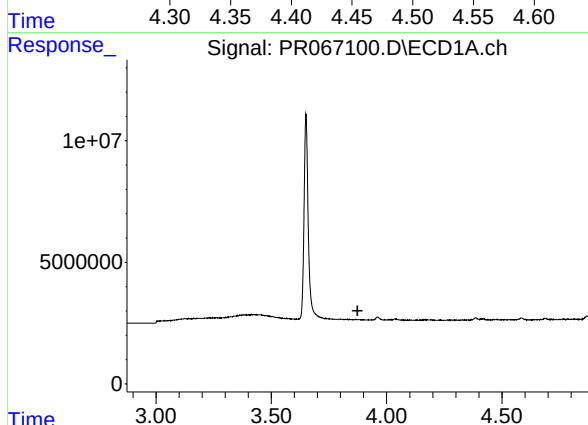
R.T.: 5.370 min
Delta R.T.: -0.004 min
Response: 24242230
Conc: 179.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



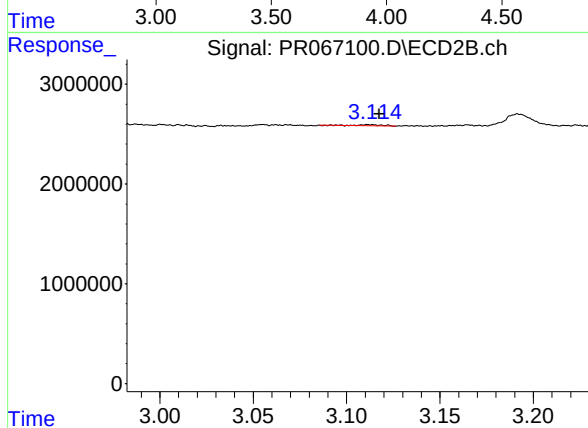
#7 AR-1016-5

R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 24184648
Conc: 182.60 ng/ml



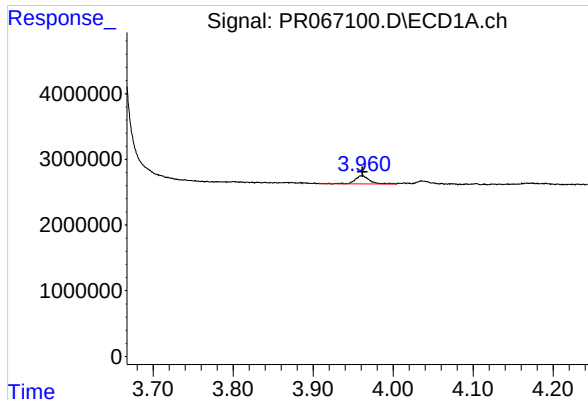
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.874 min
Response: 0
Conc: N.D.



#8 AR-1221-1

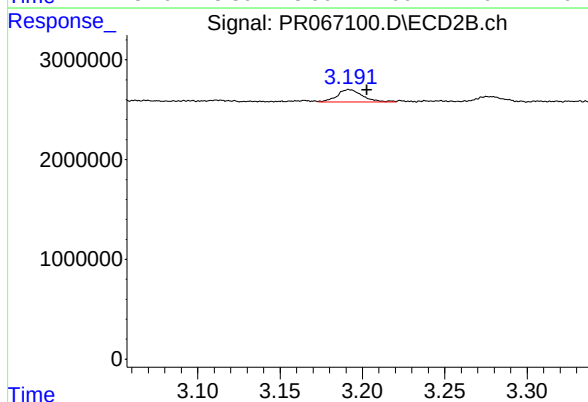
R.T.: 3.112 min
Delta R.T.: -0.006 min
Response: 86873
Conc: 1.56 ng/ml



#9 AR-1221-2

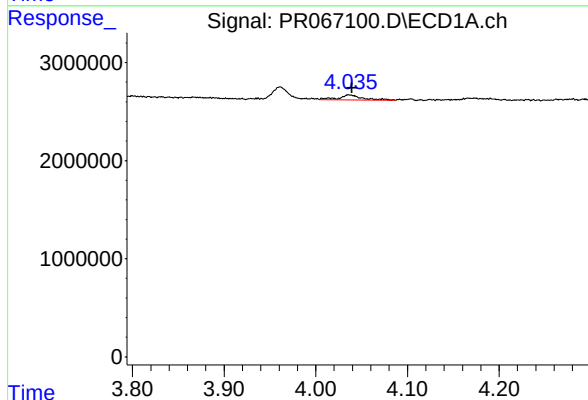
R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 1530618
Conc: 32.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



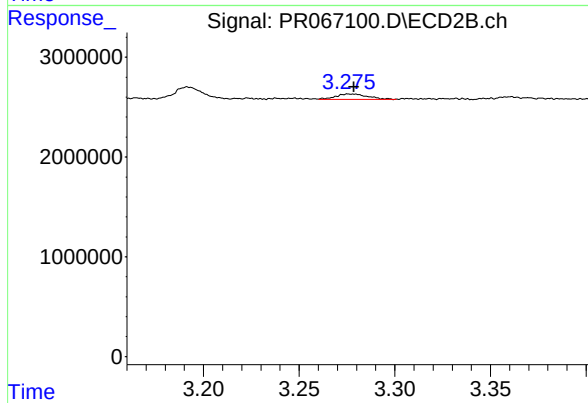
#9 AR-1221-2

R.T.: 3.192 min
Delta R.T.: -0.011 min
Response: 1311051
Conc: 32.75 ng/ml



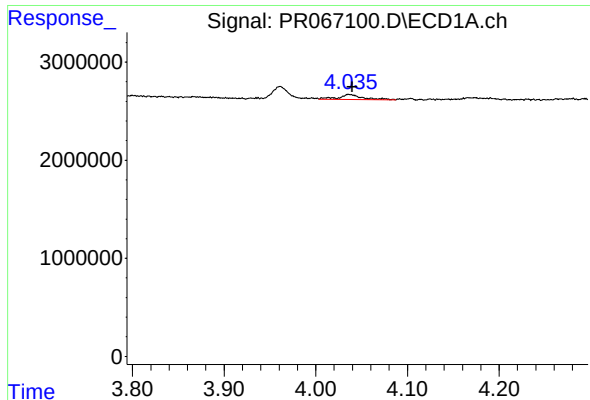
#10 AR-1221-3

R.T.: 4.036 min
Delta R.T.: -0.003 min
Response: 879920
Conc: 5.83 ng/ml



#10 AR-1221-3

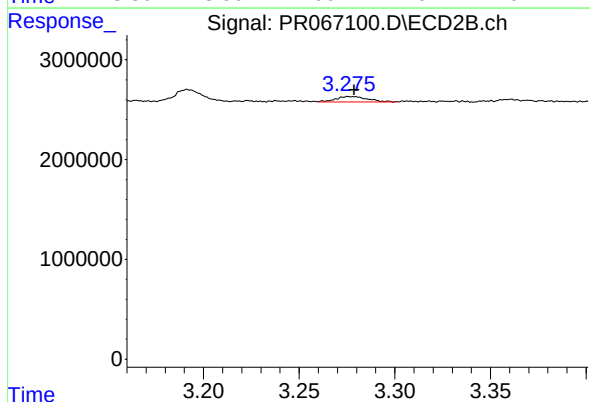
R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 627646
Conc: 4.97 ng/ml



#11 AR-1232-1

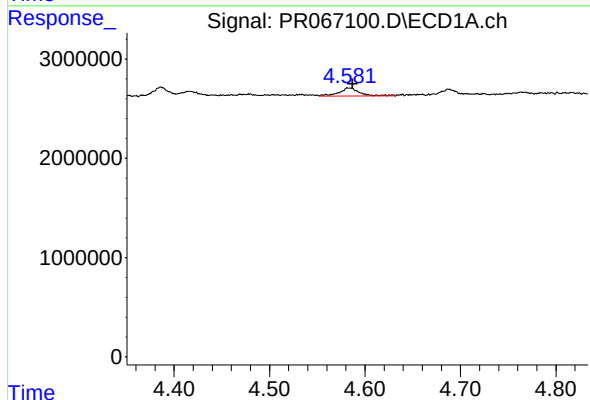
R.T.: 4.036 min
Delta R.T.: -0.004 min
Response: 879920
Conc: 6.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



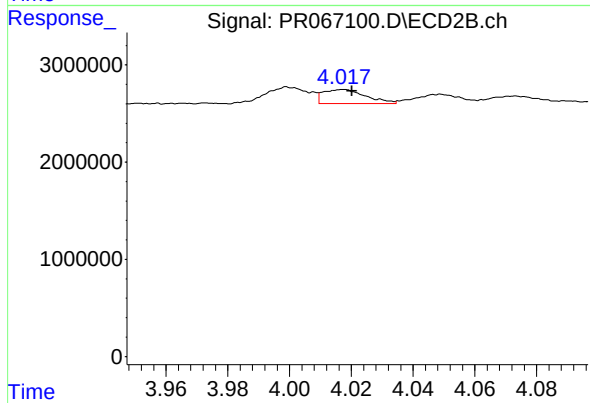
#11 AR-1232-1

R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 627646
Conc: 5.86 ng/ml



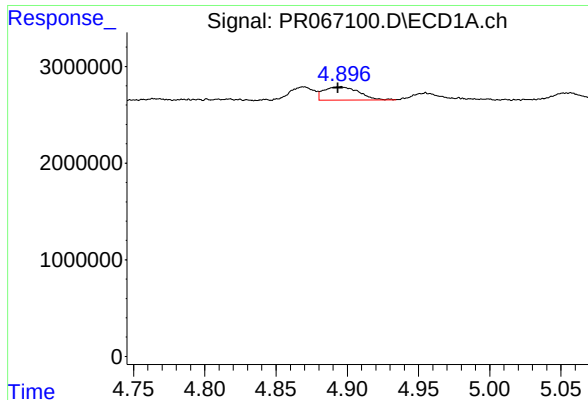
#12 AR-1232-2

R.T.: 4.584 min
Delta R.T.: -0.003 min
Response: 1182734
Conc: 16.65 ng/ml



#12 AR-1232-2

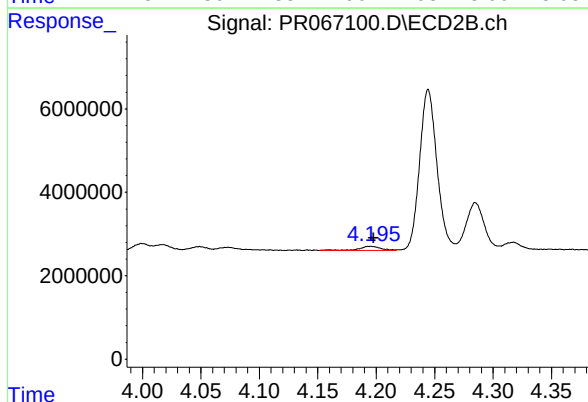
R.T.: 4.017 min
Delta R.T.: -0.003 min
Response: 1386972
Conc: 13.39 ng/ml



#13 AR-1232-3

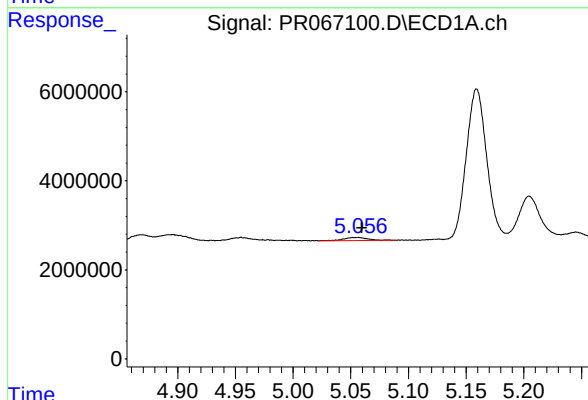
R.T.: 4.895 min
Delta R.T.: 0.002 min
Response: 2338103
Conc: 20.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



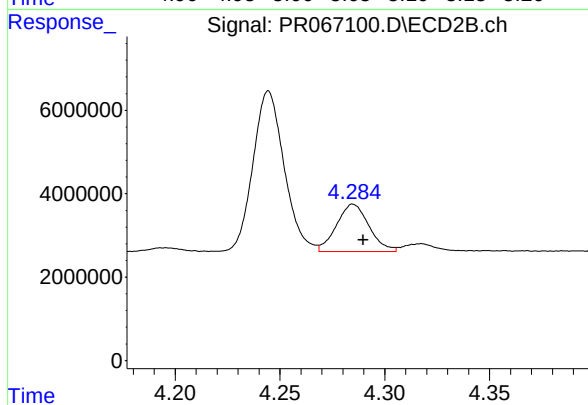
#13 AR-1232-3

R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 1220814
Conc: 22.08 ng/ml



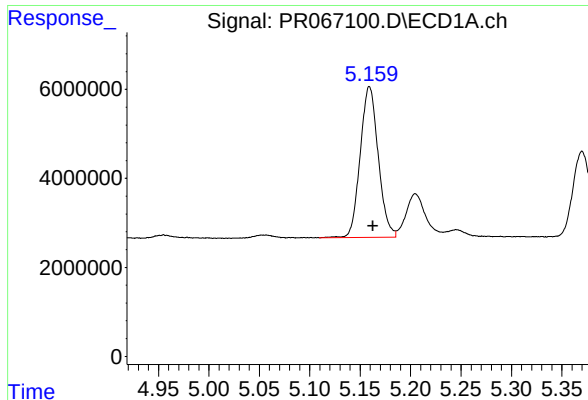
#14 AR-1232-4

R.T.: 5.057 min
Delta R.T.: -0.003 min
Response: 987691
Conc: 17.07 ng/ml



#14 AR-1232-4

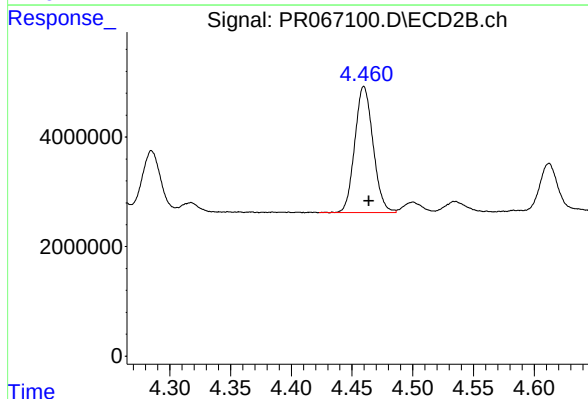
R.T.: 4.285 min
Delta R.T.: -0.005 min
Response: 12307742
Conc: 240.76 ng/ml



#15 AR-1232-5

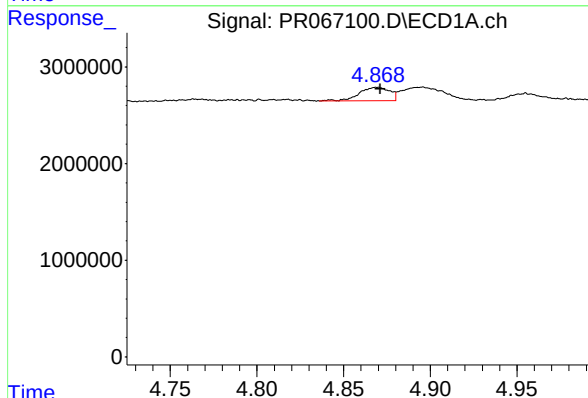
R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 42205846
Conc: 948.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



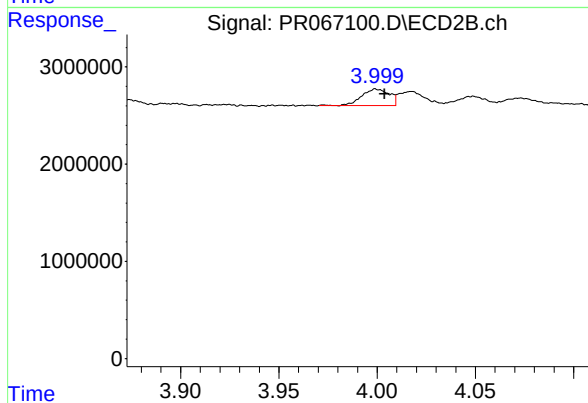
#15 AR-1232-5

R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 24184648
Conc: 436.64 ng/ml



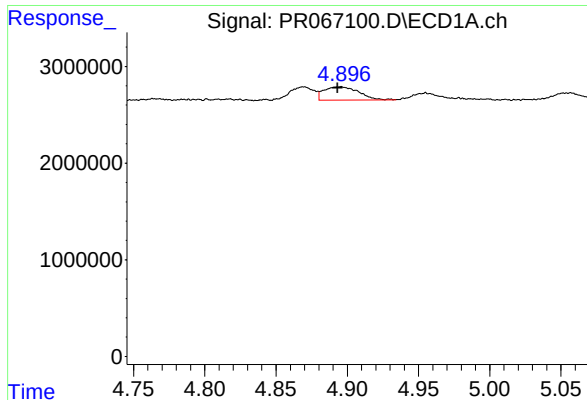
#16 AR-1242-1

R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 1696813
Conc: 13.76 ng/ml



#16 AR-1242-1

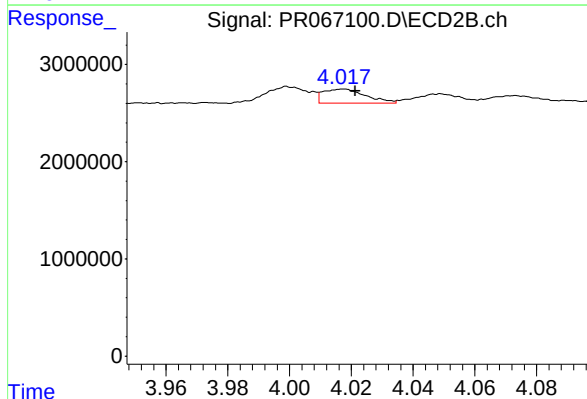
R.T.: 4.000 min
Delta R.T.: -0.004 min
Response: 1681526
Conc: 14.16 ng/ml



#17 AR-1242-2

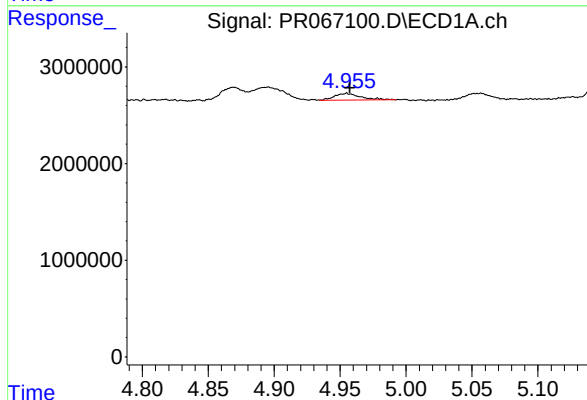
R.T.: 4.895 min
Delta R.T.: 0.002 min
Response: 2338103
Conc: 11.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



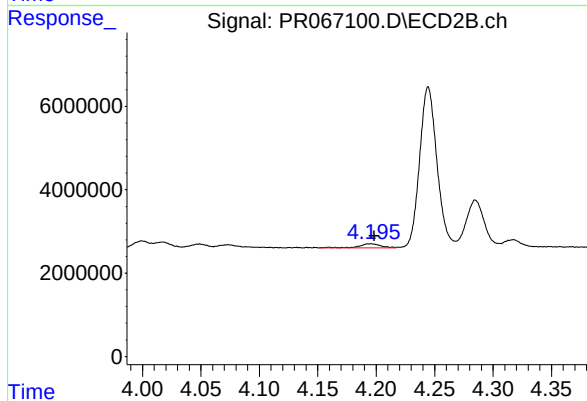
#17 AR-1242-2

R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 1386972
Conc: 7.82 ng/ml



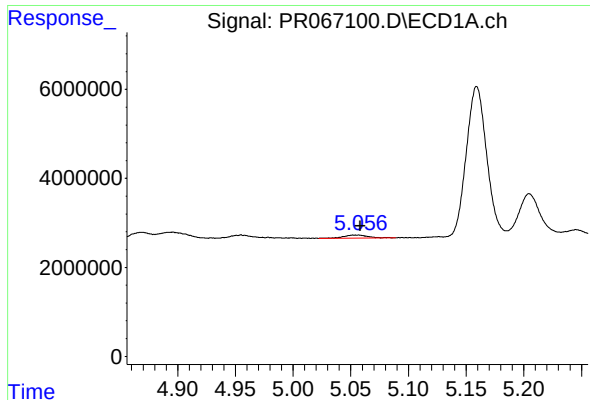
#18 AR-1242-3

R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 932927
Conc: 6.95 ng/ml



#18 AR-1242-3

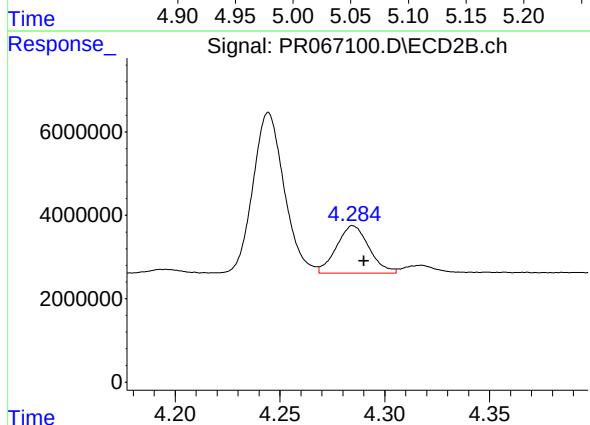
R.T.: 4.195 min
Delta R.T.: -0.004 min
Response: 1220814
Conc: 12.43 ng/ml



#19 AR-1242-4

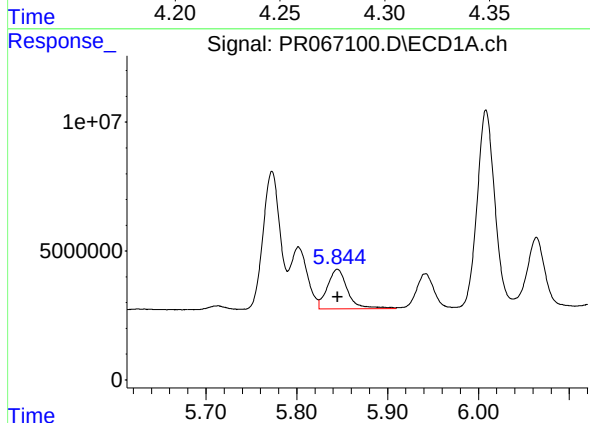
R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 987691
Conc: 9.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



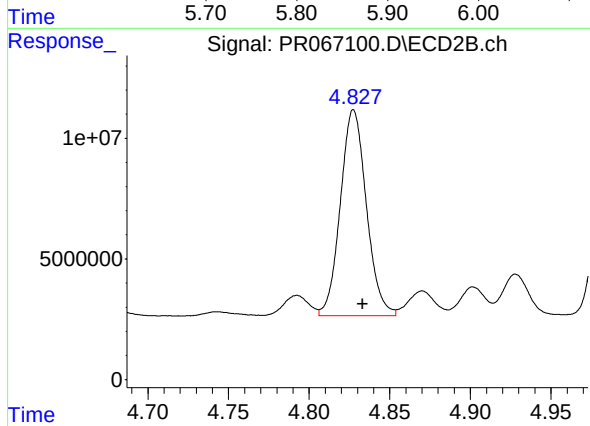
#19 AR-1242-4

R.T.: 4.285 min
Delta R.T.: -0.005 min
Response: 12307742
Conc: 124.26 ng/ml



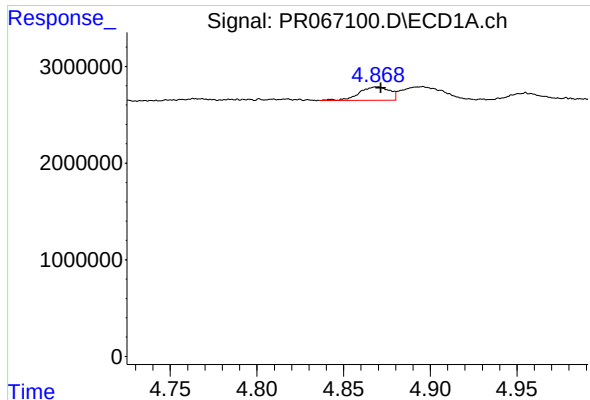
#20 AR-1242-5

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 23915105
Conc: 227.31 ng/ml



#20 AR-1242-5

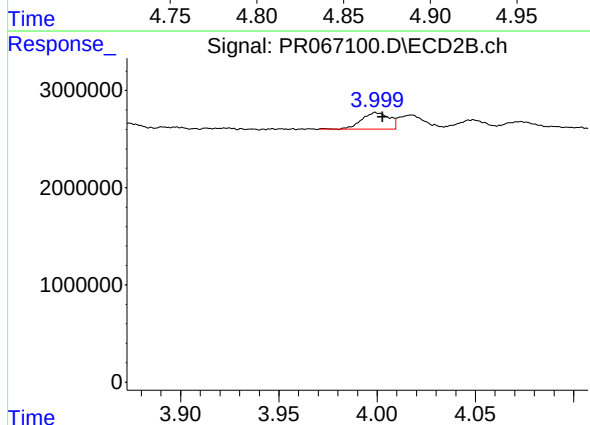
R.T.: 4.828 min
Delta R.T.: -0.006 min
Response: 95889501
Conc: 813.84 ng/ml



#21 AR-1248-1

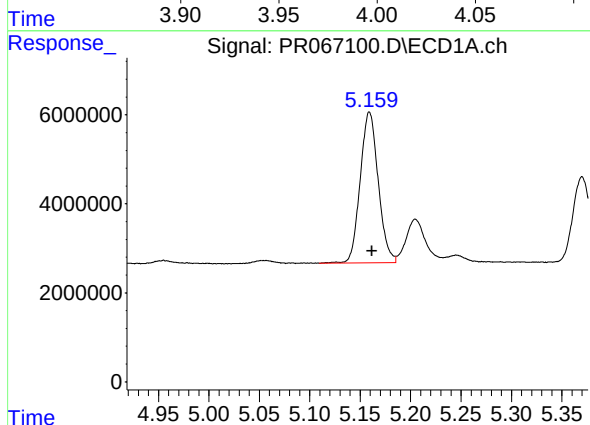
R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 1696813
Conc: 18.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



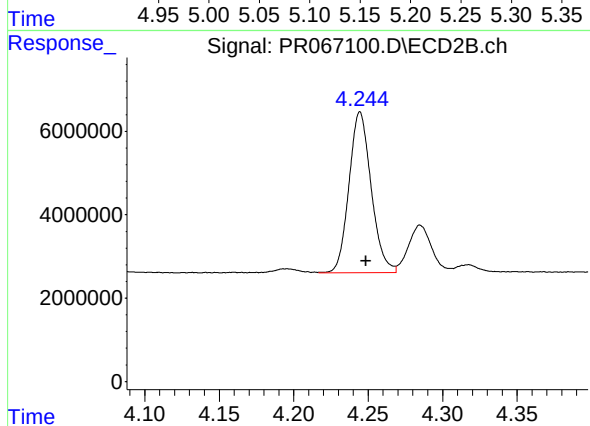
#21 AR-1248-1

R.T.: 4.000 min
Delta R.T.: -0.003 min
Response: 1681526
Conc: 18.60 ng/ml



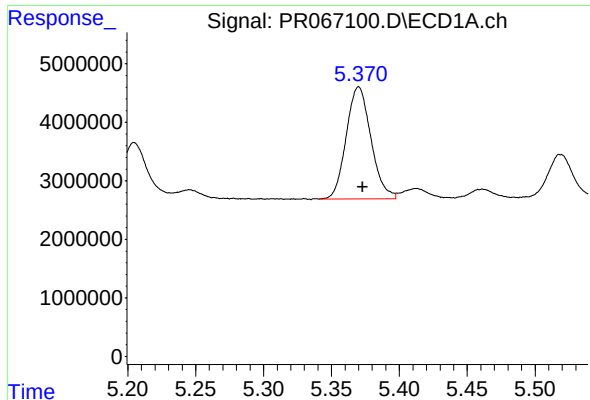
#22 AR-1248-2

R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 42205846
Conc: 283.52 ng/ml



#22 AR-1248-2

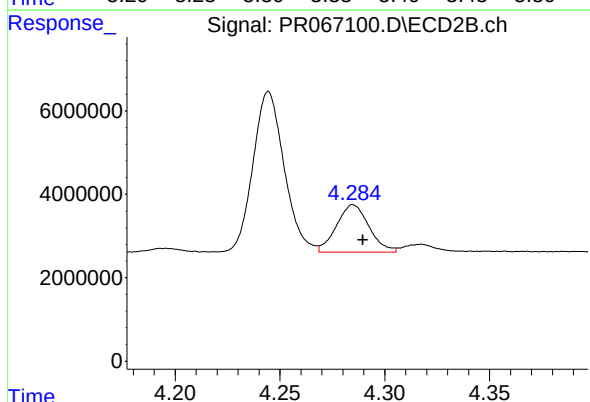
R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 39992934
Conc: 286.16 ng/ml



#23 AR-1248-3

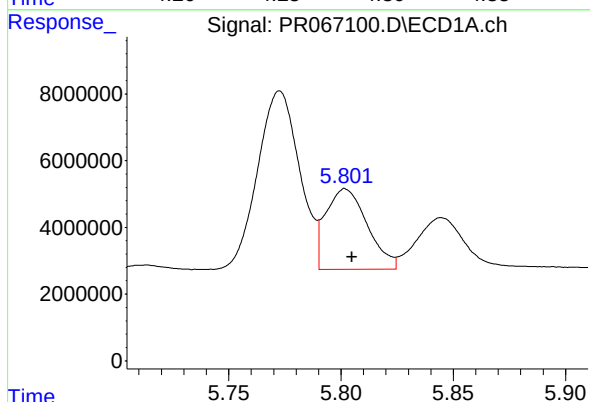
R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 24242230
Conc: 141.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



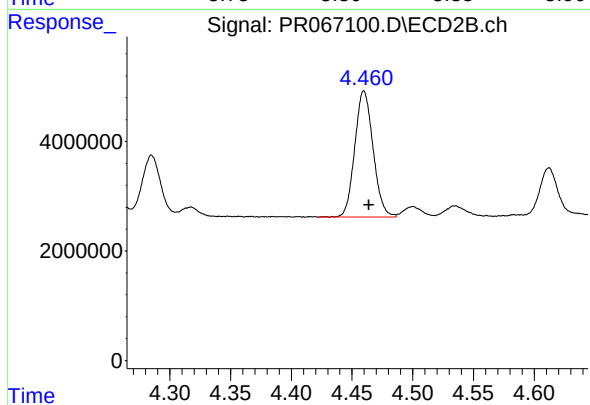
#23 AR-1248-3

R.T.: 4.285 min
Delta R.T.: -0.005 min
Response: 12307742
Conc: 88.01 ng/ml



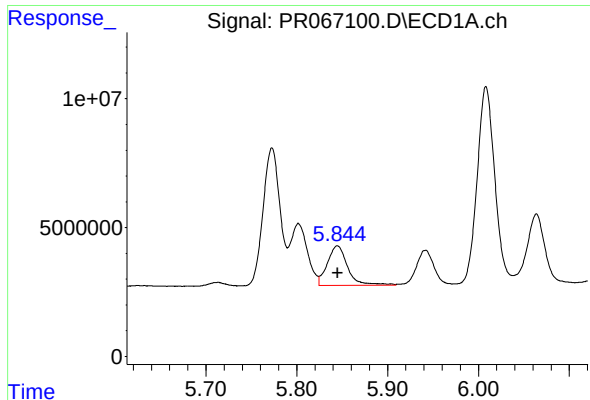
#24 AR-1248-4

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 31035518
Conc: 196.82 ng/ml



#24 AR-1248-4

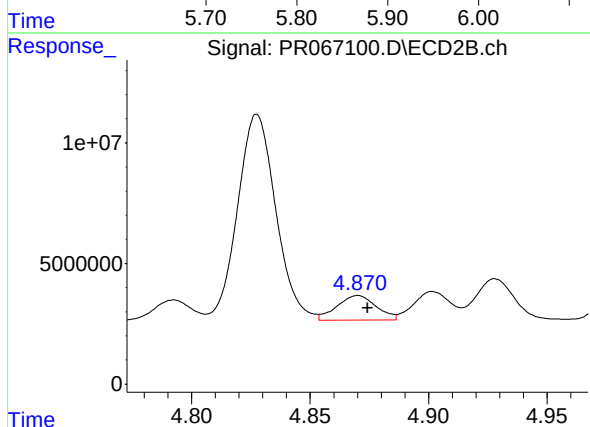
R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 24184648
Conc: 144.35 ng/ml



#25 AR-1248-5

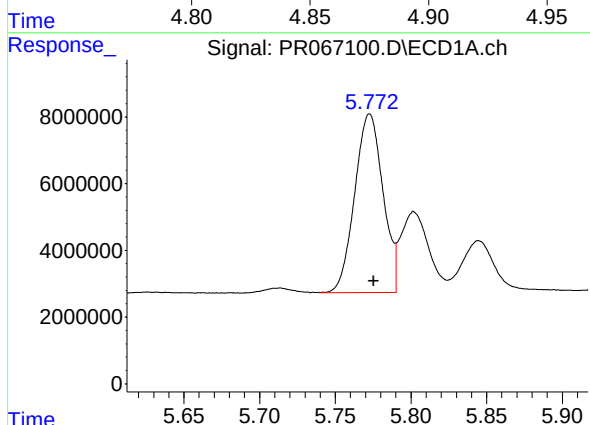
R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 23915105
Conc: 134.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



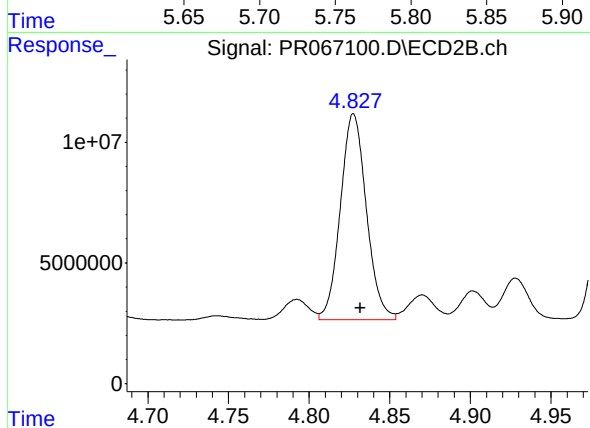
#25 AR-1248-5

R.T.: 4.870 min
Delta R.T.: -0.004 min
Response: 11731275
Conc: 75.93 ng/ml



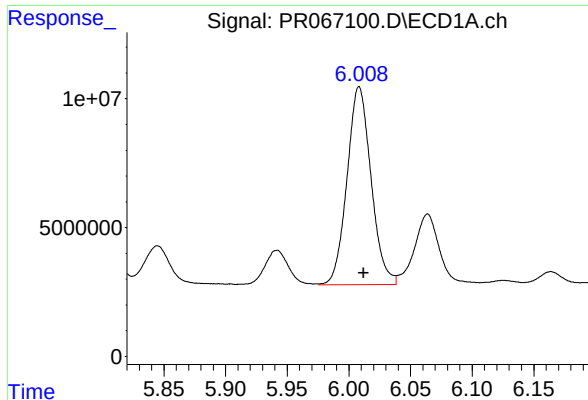
#26 AR-1254-1

R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 69551839
Conc: 364.86 ng/ml



#26 AR-1254-1

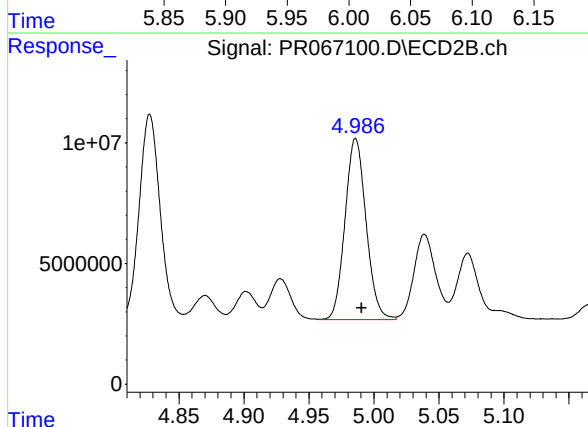
R.T.: 4.828 min
Delta R.T.: -0.004 min
Response: 95889501
Conc: 392.56 ng/ml



#27 AR-1254-2

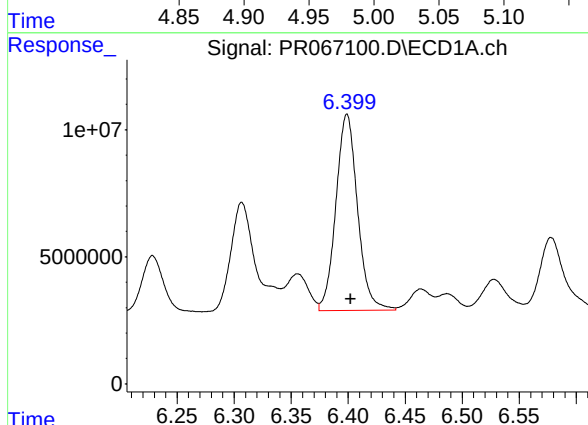
R.T.: 6.008 min
Delta R.T.: -0.004 min
Response: 104203999
Conc: 371.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



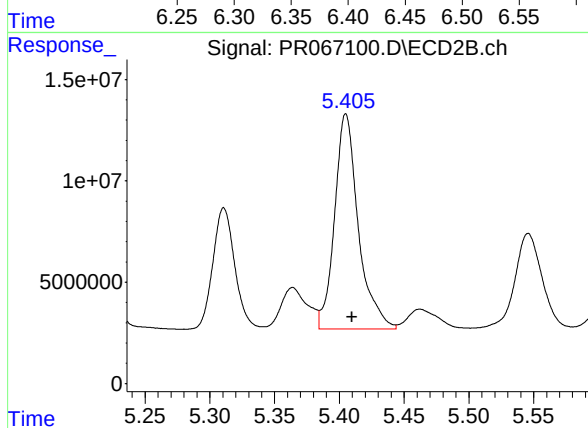
#27 AR-1254-2

R.T.: 4.986 min
Delta R.T.: -0.005 min
Response: 84810474
Conc: 391.78 ng/ml



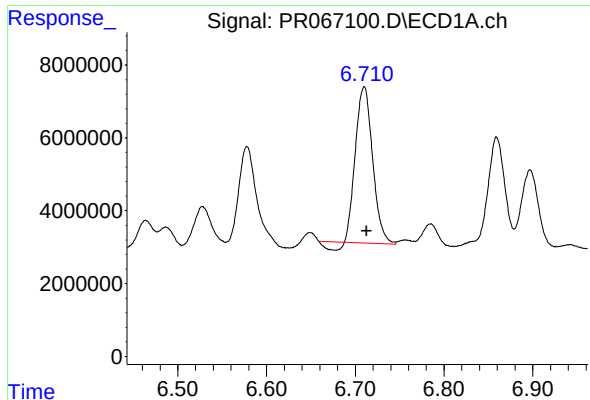
#28 AR-1254-3

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 102101187
Conc: 380.91 ng/ml



#28 AR-1254-3

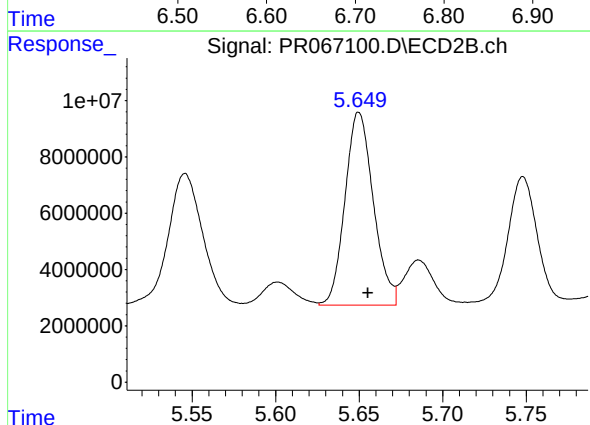
R.T.: 5.405 min
Delta R.T.: -0.005 min
Response: 135387255
Conc: 398.06 ng/ml



#29 AR-1254-4

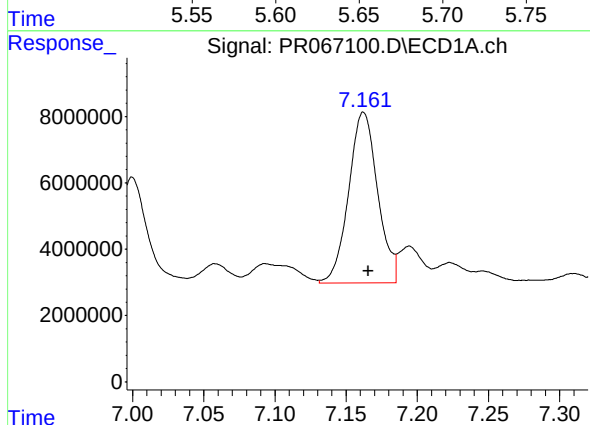
R.T.: 6.710 min
Delta R.T.: -0.003 min
Response: 56669081
Conc: 351.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



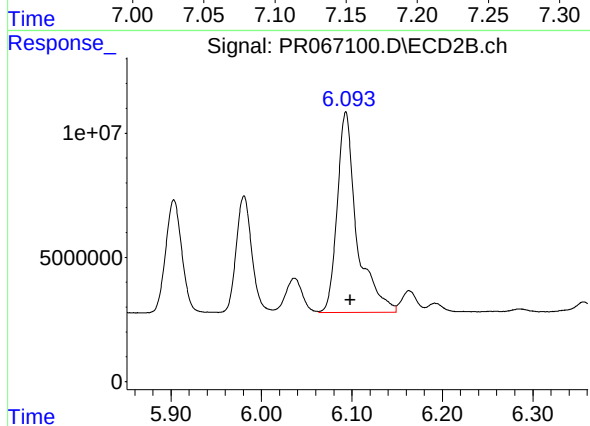
#29 AR-1254-4

R.T.: 5.650 min
Delta R.T.: -0.005 min
Response: 80867802
Conc: 412.09 ng/ml



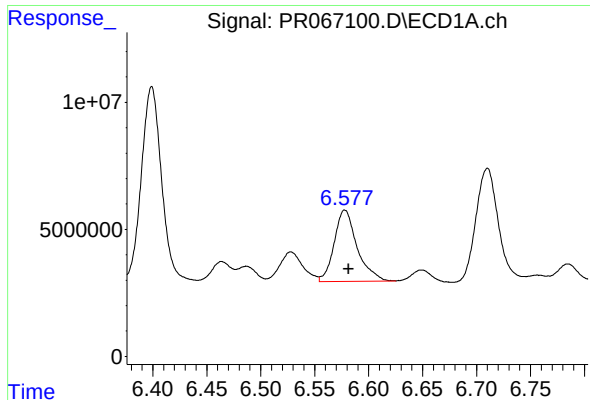
#30 AR-1254-5

R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 73010200
Conc: 380.25 ng/ml



#30 AR-1254-5

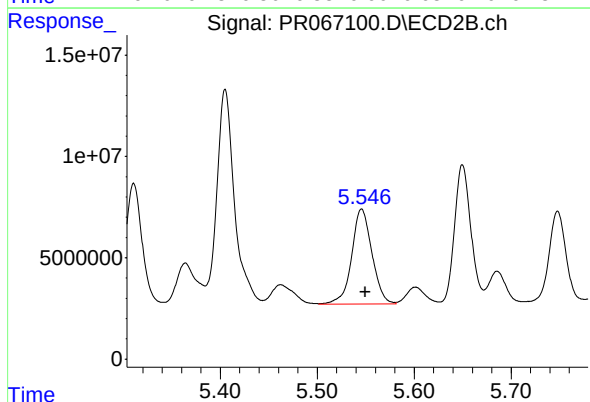
R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 121818165
Conc: 395.55 ng/ml



#31 AR-1260-1

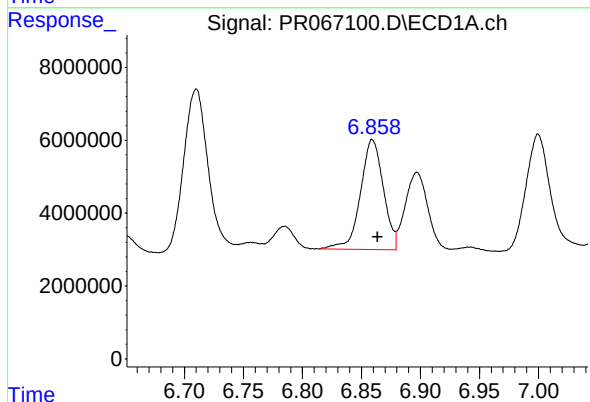
R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 41473818
Conc: 170.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



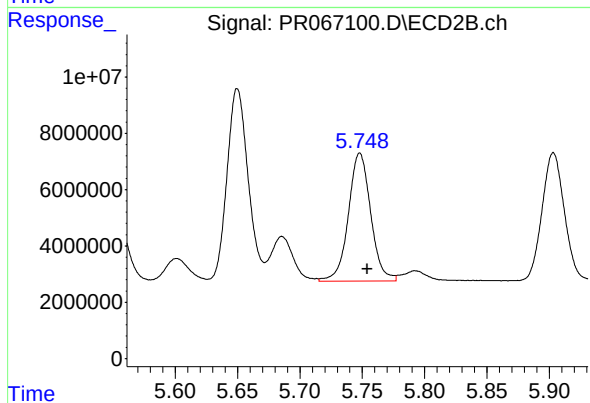
#31 AR-1260-1

R.T.: 5.546 min
Delta R.T.: -0.004 min
Response: 68362482
Conc: 262.39 ng/ml



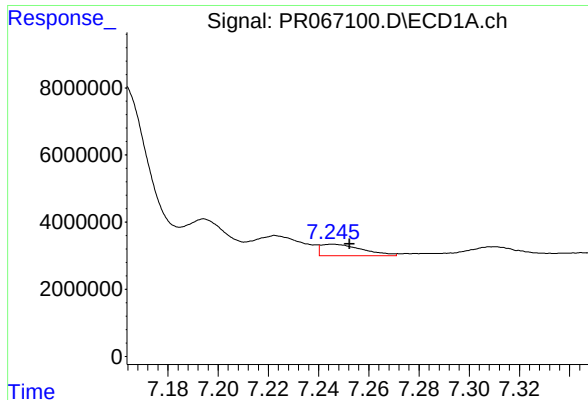
#32 AR-1260-2

R.T.: 6.859 min
Delta R.T.: -0.004 min
Response: 40777336
Conc: 157.51 ng/ml



#32 AR-1260-2

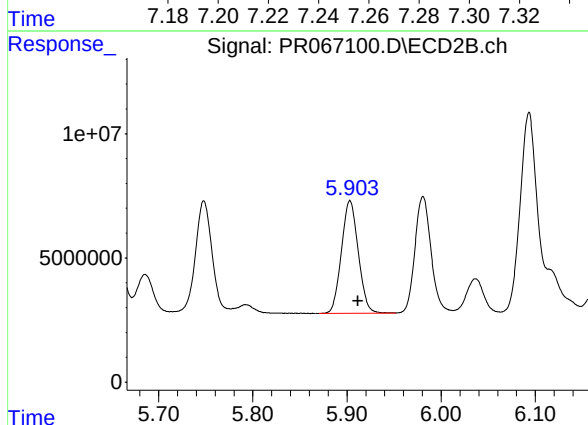
R.T.: 5.748 min
Delta R.T.: -0.006 min
Response: 56740525
Conc: 185.05 ng/ml



#33 AR-1260-3

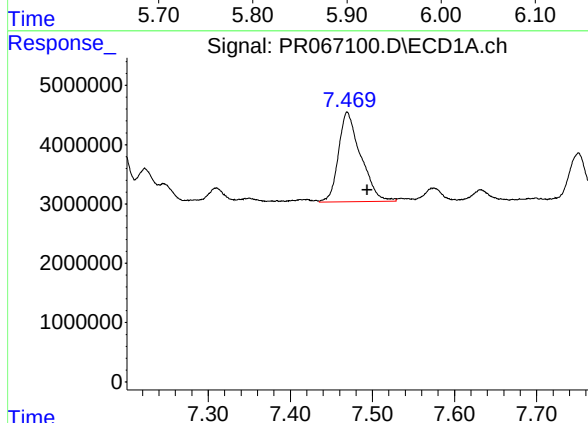
R.T.: 7.246 min
Delta R.T.: -0.007 min
Response: 3910831
Conc: 19.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



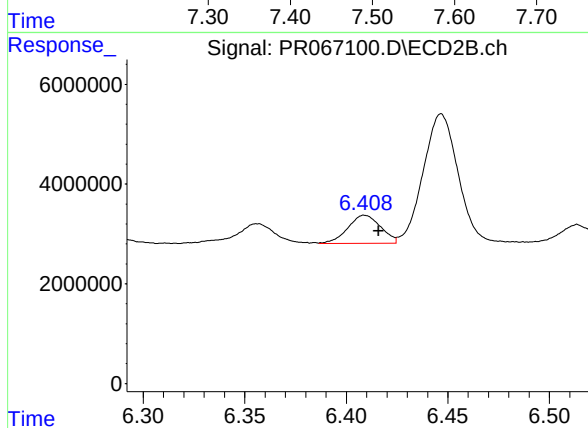
#33 AR-1260-3

R.T.: 5.903 min
Delta R.T.: -0.009 min
Response: 56348048
Conc: 192.23 ng/ml



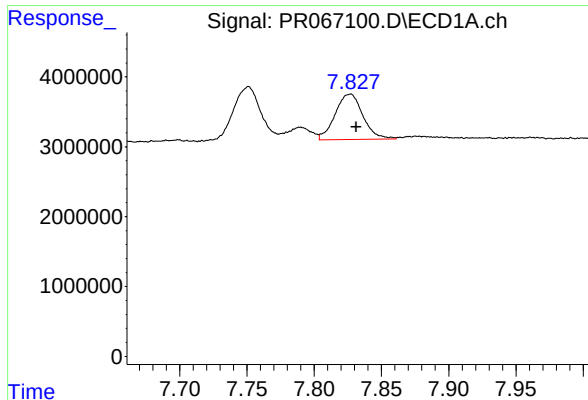
#34 AR-1260-4

R.T.: 7.469 min
Delta R.T.: -0.025 min
Response: 28540483
Conc: 136.63 ng/ml



#34 AR-1260-4

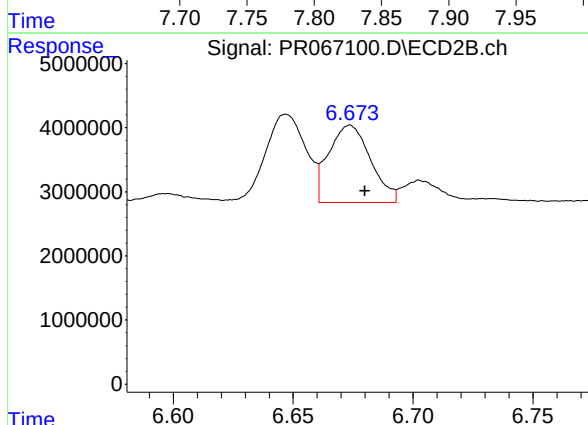
R.T.: 6.409 min
Delta R.T.: -0.007 min
Response: 6322454
Conc: 25.29 ng/ml



#35 AR-1260-5

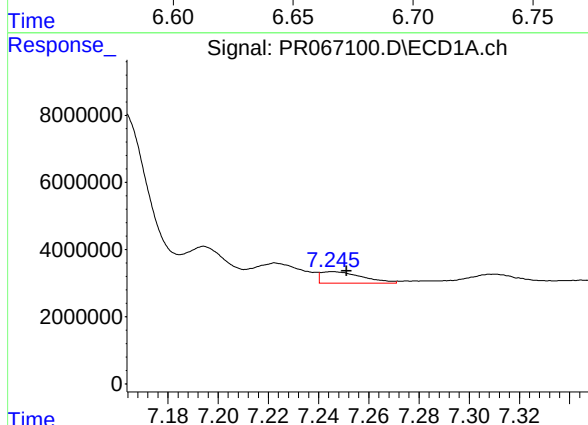
R.T.: 7.827 min
Delta R.T.: -0.005 min
Response: 9401572
Conc: 27.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



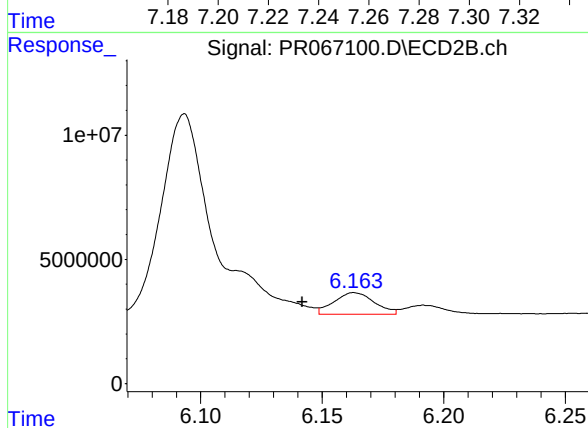
#35 AR-1260-5

R.T.: 6.674 min
Delta R.T.: -0.006 min
Response: 14674629
Conc: 26.88 ng/ml



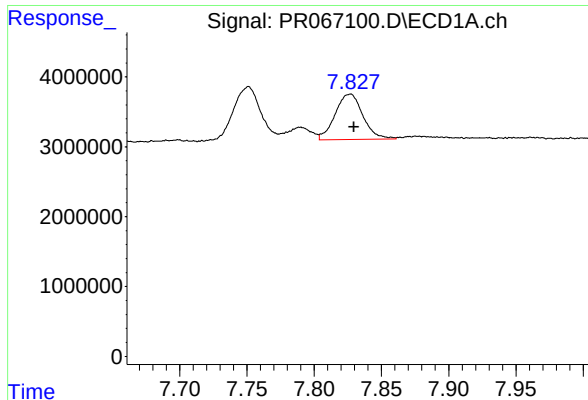
#36 AR-1262-1

R.T.: 7.246 min
Delta R.T.: -0.005 min
Response: 3910831
Conc: 15.11 ng/ml



#36 AR-1262-1

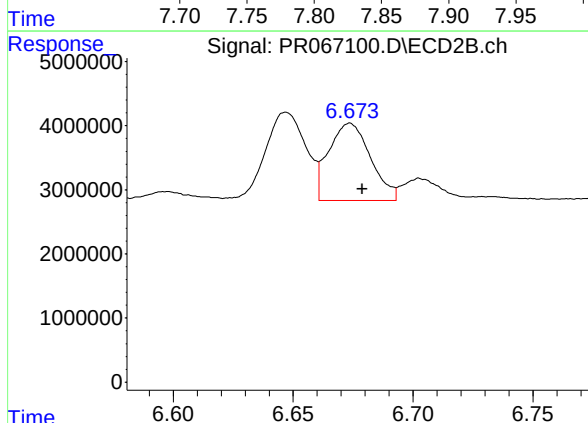
R.T.: 6.163 min
Delta R.T.: 0.021 min
Response: 10046005
Conc: 30.31 ng/ml



#37 AR-1262-2

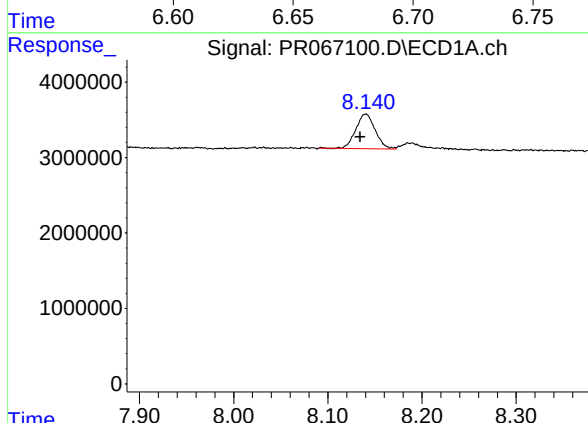
R.T.: 7.827 min
Delta R.T.: -0.003 min
Response: 9401572
Conc: 27.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



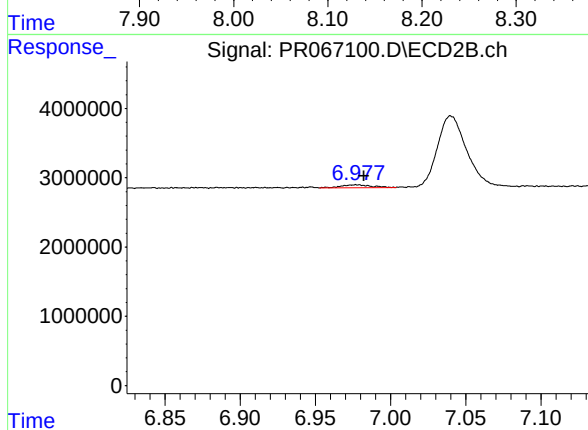
#37 AR-1262-2

R.T.: 6.674 min
Delta R.T.: -0.005 min
Response: 14674629
Conc: 26.37 ng/ml



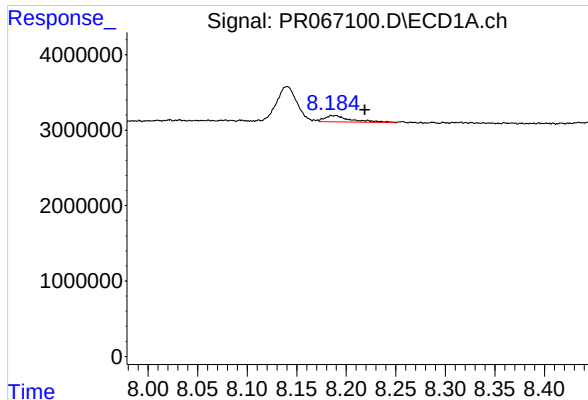
#38 AR-1262-3

R.T.: 8.140 min
Delta R.T.: 0.006 min
Response: 6531201
Conc: 28.64 ng/ml



#38 AR-1262-3

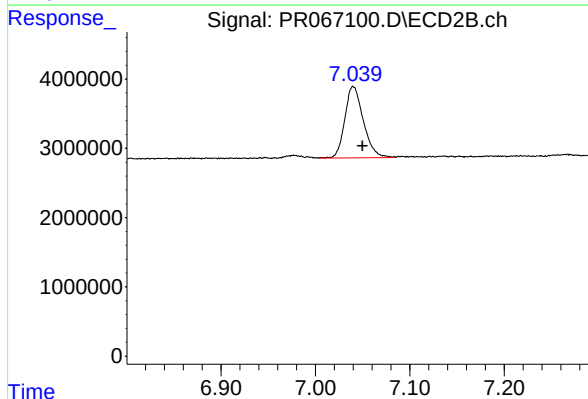
R.T.: 6.978 min
Delta R.T.: -0.005 min
Response: 576230
Conc: 2.41 ng/ml



#39 AR-1262-4

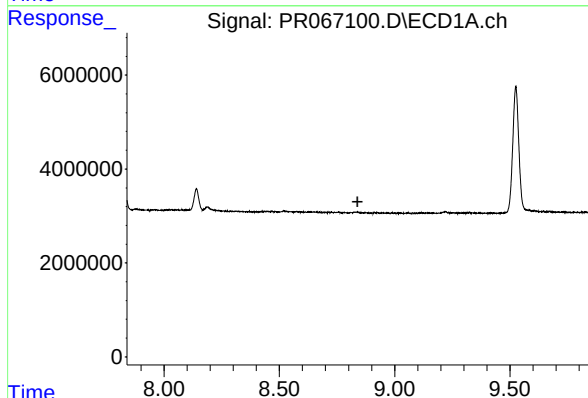
R.T.: 8.189 min
Delta R.T.: -0.030 min
Response: 1497789
Conc: 8.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



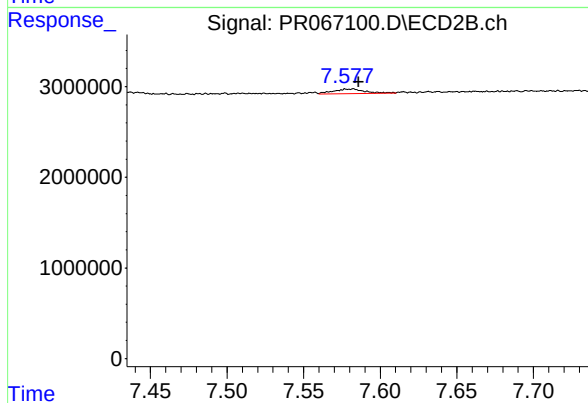
#39 AR-1262-4

R.T.: 7.040 min
Delta R.T.: -0.010 min
Response: 14029029
Conc: 32.88 ng/ml



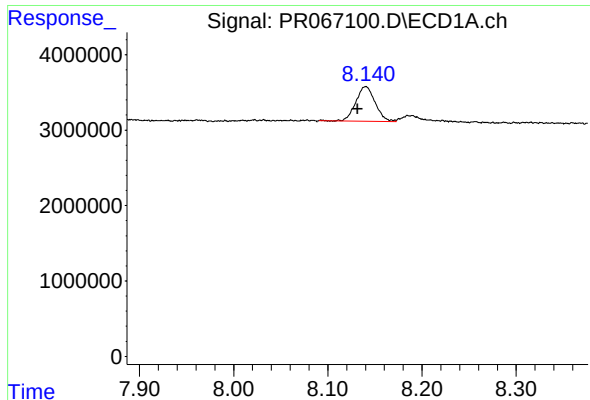
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.839 min
Response: 0
Conc: N.D.



#40 AR-1262-5

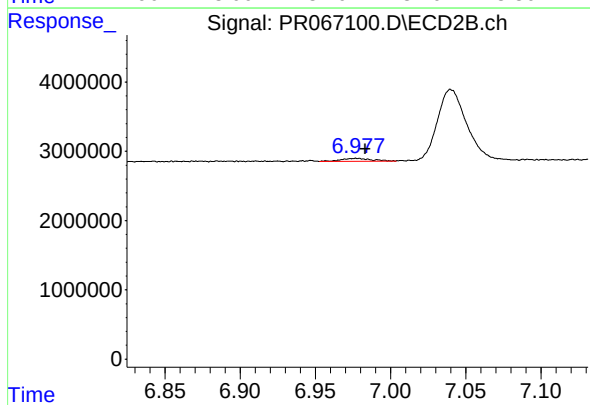
R.T.: 7.582 min
Delta R.T.: -0.004 min
Response: 724446
Conc: 3.70 ng/ml



#41 AR-1268-1

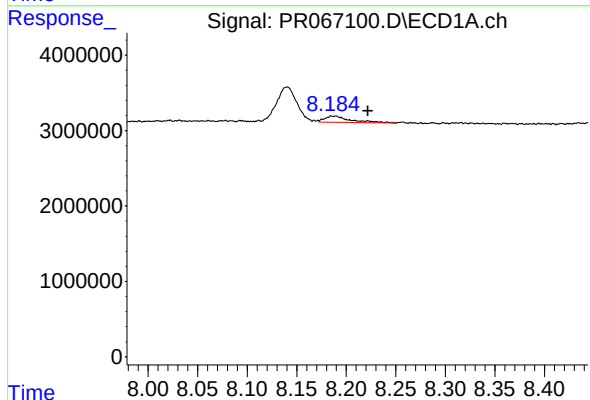
R.T.: 8.140 min
Delta R.T.: 0.009 min
Response: 6531201
Conc: 15.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



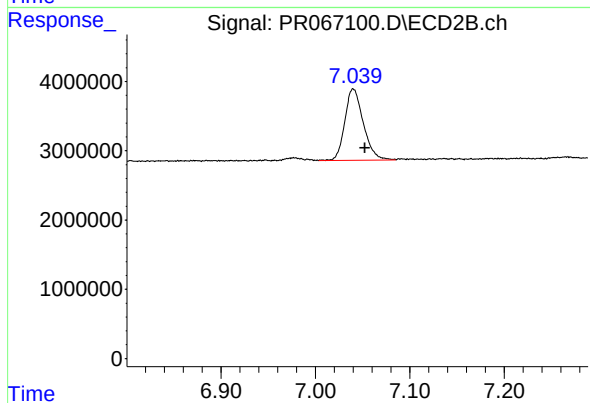
#41 AR-1268-1

R.T.: 6.978 min
Delta R.T.: -0.006 min
Response: 576230
Conc: 0.87 ng/ml



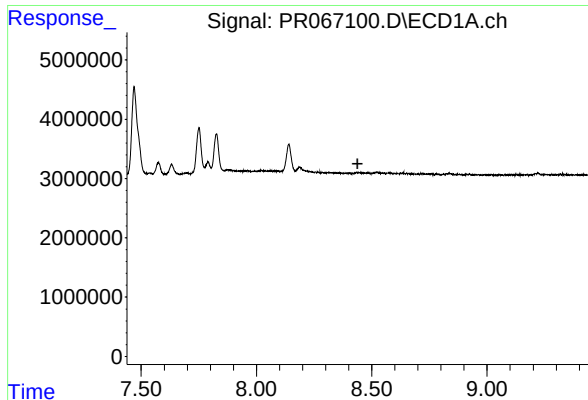
#42 AR-1268-2

R.T.: 8.189 min
Delta R.T.: -0.033 min
Response: 1497789
Conc: 4.04 ng/ml



#42 AR-1268-2

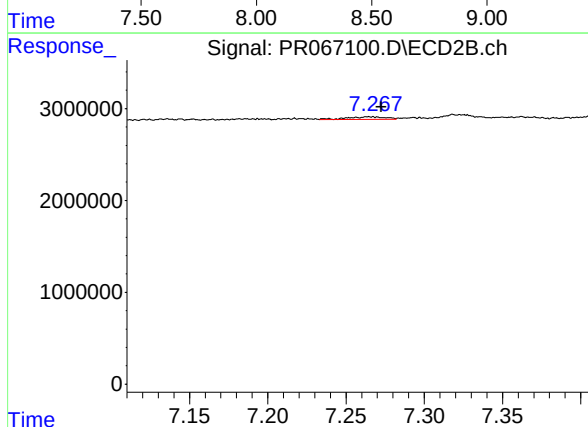
R.T.: 7.040 min
Delta R.T.: -0.012 min
Response: 14029029
Conc: 23.02 ng/ml



#43 AR-1268-3

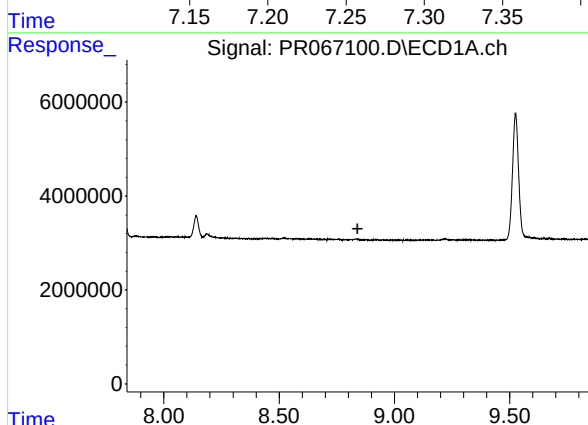
R.T.: 0.000 min
Exp R.T.: 8.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR12543287



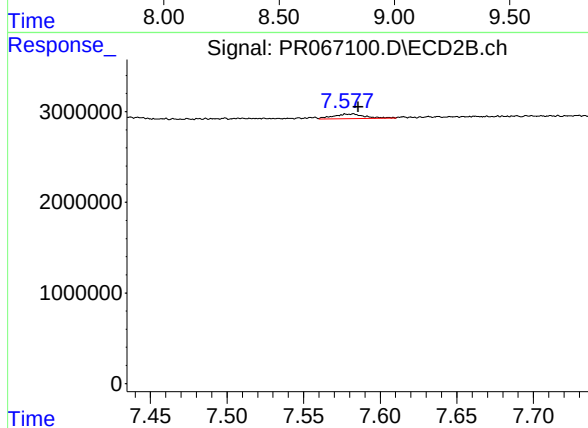
#43 AR-1268-3

R.T.: 7.265 min
Delta R.T.: -0.008 min
Response: 460338
Conc: 0.86 ng/ml



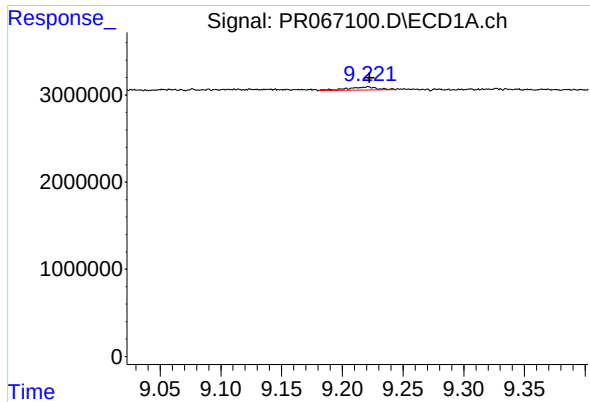
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.840 min
Response: 0
Conc: N.D.



#44 AR-1268-4

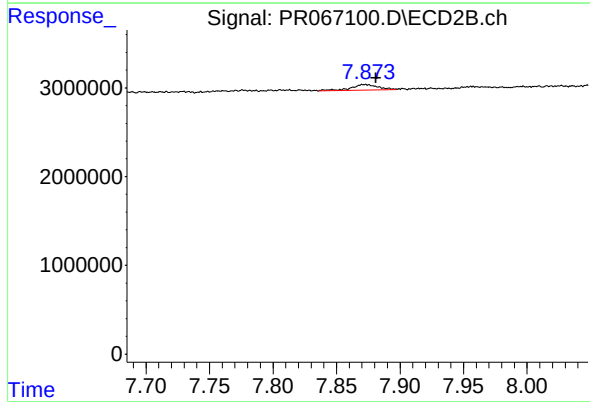
R.T.: 7.582 min
Delta R.T.: -0.004 min
Response: 724446
Conc: 3.29 ng/ml



#45 AR-1268-5

R.T.: 9.221 min
Delta R.T.: -0.001 min
Response: 582710
Conc: 0.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543287



#45 AR-1268-5

R.T.: 7.872 min
Delta R.T.: -0.009 min
Response: 967894
Conc: 0.65 ng/ml