

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030123\
 Data File : PR059902.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 20:40
 Operator : YP\AJ
 Sample : 01694-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 23:53:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 28 05:24:37 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...	3.689	2.904	35447099	49016521	10.522	10.809
2)	SA Decachlor...	9.659	8.137	40832894	57063450	17.327	15.789
Target Compounds							
3)	L1 AR-1016-1	4.913	4.008	37243637	61280159	396.423	446.426
4)	L1 AR-1016-2	4.950	4.061	3371425	3599896	24.993	17.616 #
5)	L1 AR-1016-3	5.039	4.203	1403484	1913196	16.088	18.207
6)	L1 AR-1016-4	5.087	4.262	48014401	14525066	692.448	169.149 #
7)	L1 AR-1016-5	5.478f	4.478	21831097	47862946	323.517	427.798 #
8)	L2 AR-1221-1	3.919	3.122	613345	643062	15.205	13.183
9)	L2 AR-1221-2	4.005	3.205	462865	911530	16.270	26.411 #
10)	L2 AR-1221-3	4.100	3.290	587666	803558	6.651	6.932
11)	L3 AR-1232-1	4.100	3.290	587666	803558	7.842	8.334
12)	L3 AR-1232-2	4.645	4.061	1000451	3599896	29.752	40.400 #
13)	L3 AR-1232-3	4.950	4.203	3371425	1913196	54.683	42.761
14)	L3 AR-1232-4	5.087	4.308	48014401	588482	1556.773	14.230 #
15)	L3 AR-1232-5	5.244	4.478	4826159	47862946	207.280	1030.010 #
16)	L4 AR-1242-1	4.913	4.008	37243637	61280159	473.976	536.909
17)	L4 AR-1242-2	4.950	4.061	3371425	3599896	30.067	21.516 #
18)	L4 AR-1242-3	5.039	4.203	1403484	1913196	19.320	22.117
19)	L4 AR-1242-4	5.087	4.308	48014401	588482	834.206	6.866 #
20)	L4 AR-1242-5	5.934	4.831	7262187	130.2E6	134.390	1260.975 #
21)	L5 AR-1248-1	4.913	4.008	37243637	61280159	614.596	704.049
22)	L5 AR-1248-2	5.193	4.262	2898455	14525066	35.697	112.521 #
23)	L5 AR-1248-3	5.478f	4.308	21831097	588482	232.415	4.527 #
24)	L5 AR-1248-4	5.866	4.478	134.1E6	47862946	1394.880	303.318 #
25)	L5 AR-1248-5	5.934	4.889	7262187	24138956	78.265	169.405 #
26)	L6 AR-1254-1	5.814	4.831	6486328	130.2E6	64.711	559.930 #
28)	L6 AR-1254-3	6.489	5.426	9041172	9022730	58.183	28.158 #
29)	L6 AR-1254-4	6.778	5.666	1627009	7753572	14.767	43.227 #
30)	L6 AR-1254-5	7.224	6.112	889230	21697004	7.248	78.462 #
31)	L7 AR-1260-1	6.653	5.573	1306242	24335896	10.618	106.411 #
32)	L7 AR-1260-2	6.925	5.788	24356362	33827867	173.367	125.759 #
33)	L7 AR-1260-3	7.327	5.942	948548	3904703	8.758	15.415 #
34)	L7 AR-1260-4	7.573	6.419	455205	2871354	3.690	13.652 #
35)	L7 AR-1260-5	7.924	6.692	1416633	1086015	6.157	2.285 #
36)	L8 AR-1262-1	7.327	6.159	948548	6168385	6.176	20.183 #
37)	L8 AR-1262-2	7.924	6.419	1416633	2871354	5.460	10.562 #
38)	L8 AR-1262-3	8.208	7.003	1230644	511377	6.552	2.494 #
39)	L8 AR-1262-4	8.314	7.058	84228	2233512	0.581	5.827 #
40)	L8 AR-1262-5	8.954	7.598	863088	284427	8.203	1.681 #
41)	L9 AR-1268-1	8.208	7.003	1230644	511377	2.783	0.582 #
42)	L9 AR-1268-2	8.314	7.058	84228	2233512	0.211	2.832 #

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Integration File signal 1: autoint1.e
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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
43) L9	AR-1268-3	8.537	7.288	347083	339458	0.963	0.489 #
44) L9	AR-1268-4	8.954	7.598	863088	284427	5.473	1.073 #
45) L9	AR-1268-5	9.342	7.896	624910	875224	0.542	0.417

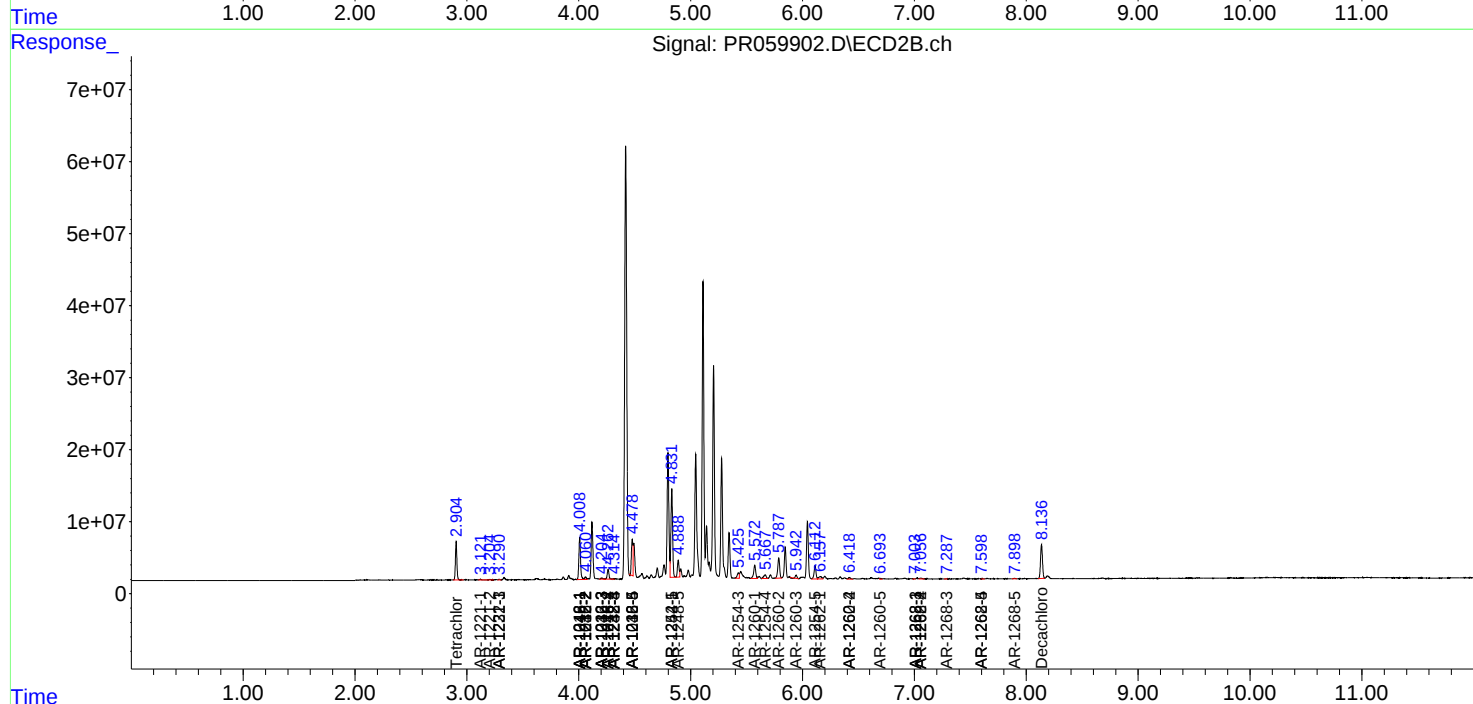
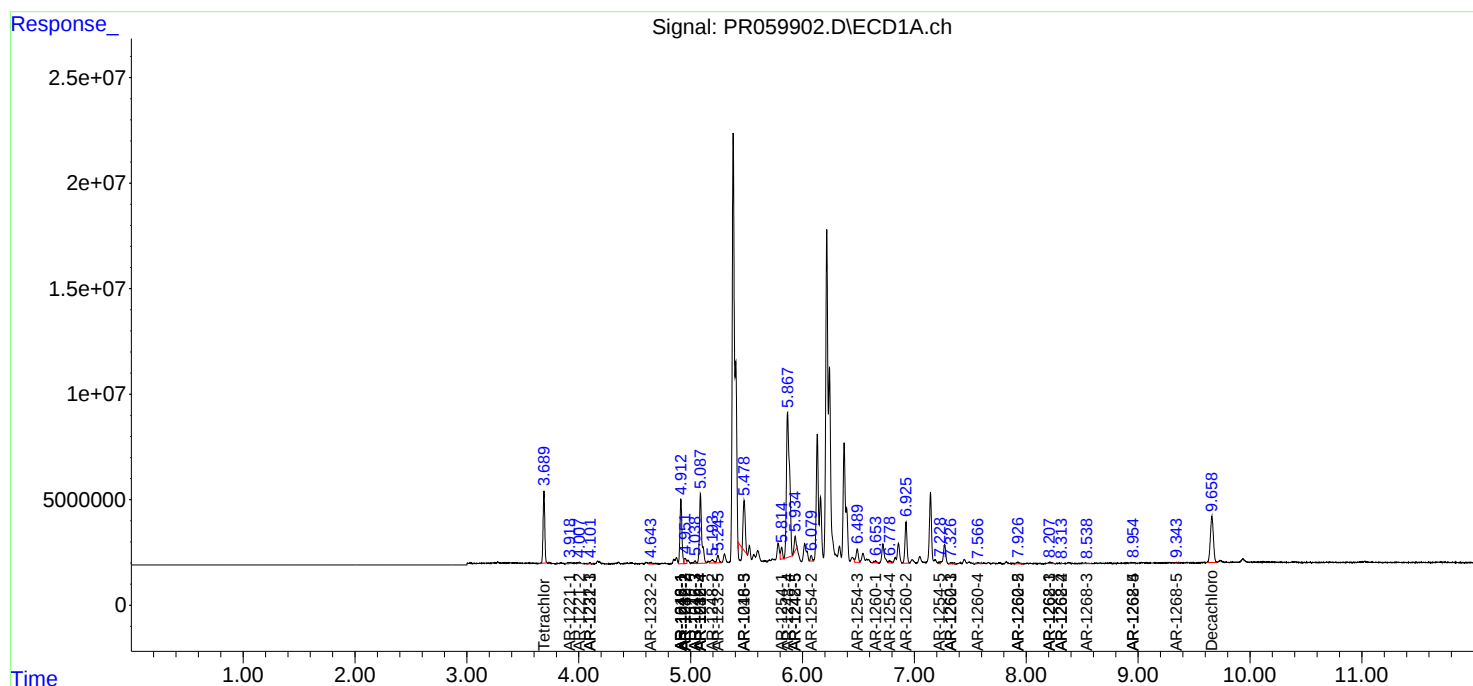
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

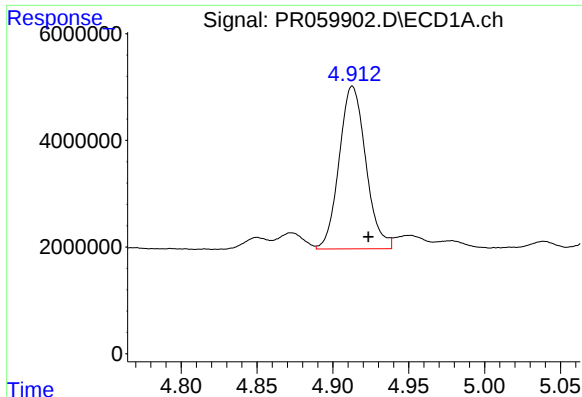
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

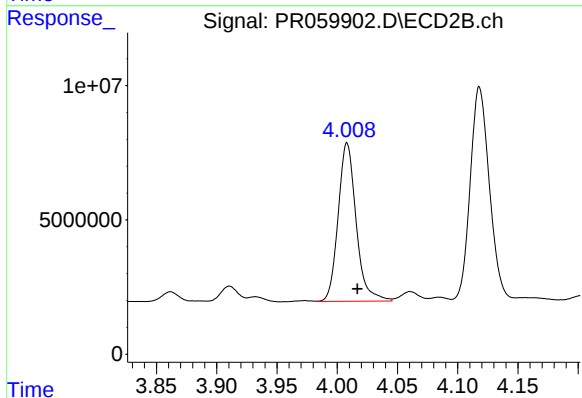




#3 AR-1016-1

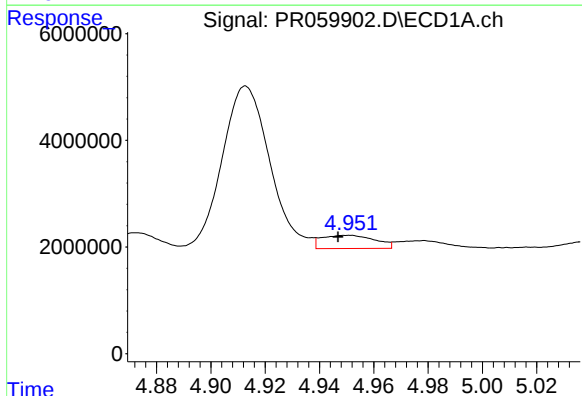
R.T.: 4.913 min
Delta R.T.: -0.010 min
Response: 37243637
Conc: 396.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



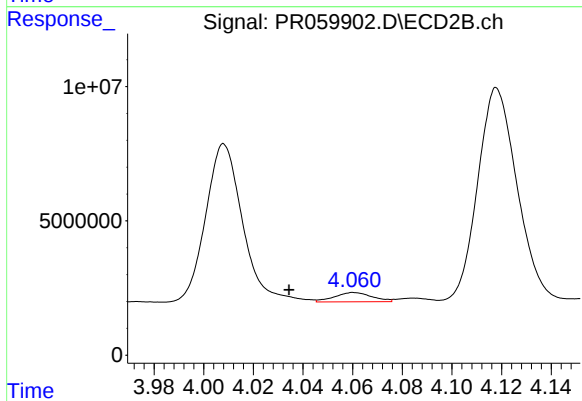
#3 AR-1016-1

R.T.: 4.008 min
Delta R.T.: -0.009 min
Response: 61280159
Conc: 446.43 ng/ml



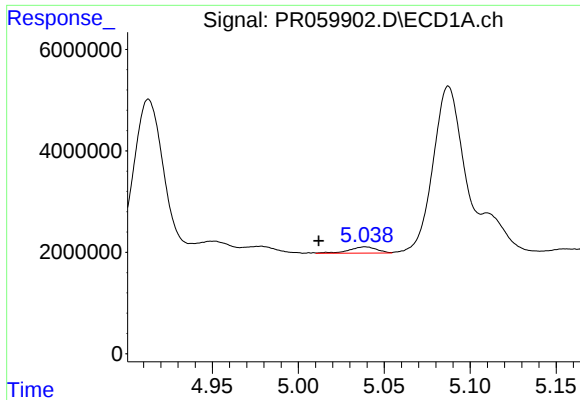
#4 AR-1016-2

R.T.: 4.950 min
Delta R.T.: 0.003 min
Response: 3371425
Conc: 24.99 ng/ml



#4 AR-1016-2

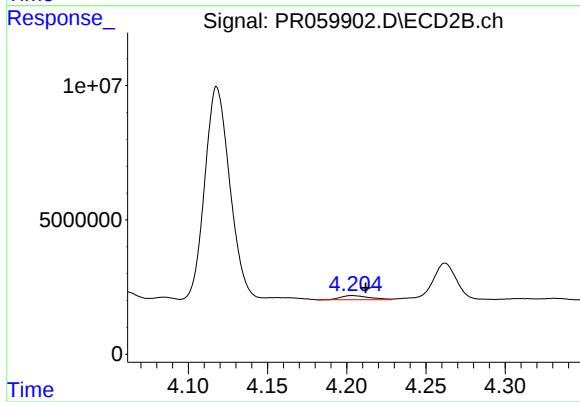
R.T.: 4.061 min
Delta R.T.: 0.026 min
Response: 3599896
Conc: 17.62 ng/ml



#5 AR-1016-3

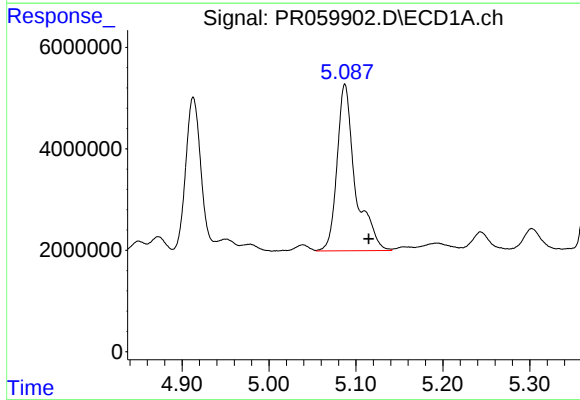
R.T.: 5.039 min
Delta R.T.: 0.027 min
Response: 1403484
Conc: 16.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



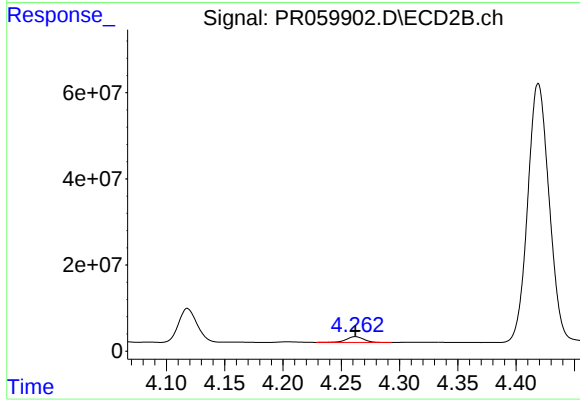
#5 AR-1016-3

R.T.: 4.203 min
Delta R.T.: -0.008 min
Response: 1913196
Conc: 18.21 ng/ml



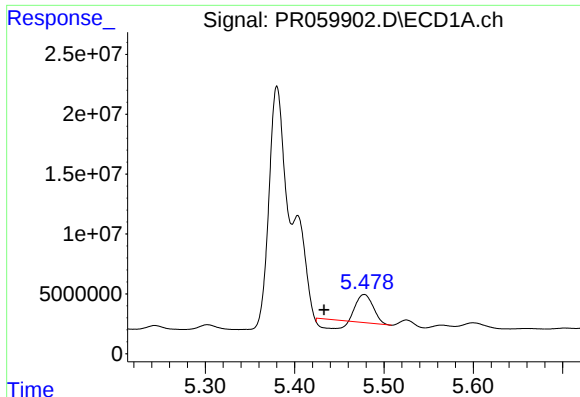
#6 AR-1016-4

R.T.: 5.087 min
Delta R.T.: -0.027 min
Response: 48014401
Conc: 692.45 ng/ml



#6 AR-1016-4

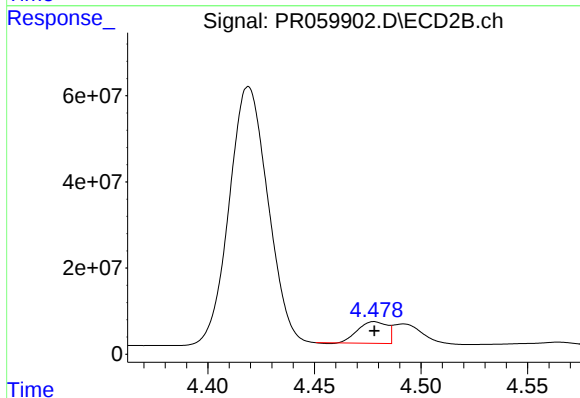
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 14525066
Conc: 169.15 ng/ml



#7 AR-1016-5

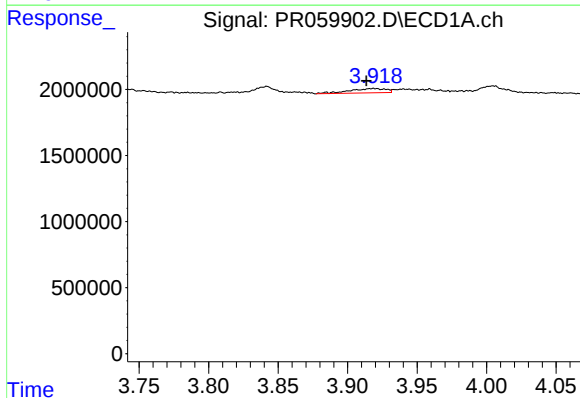
R.T.: 5.478 min
Delta R.T.: 0.045 min
Response: 21831097
Conc: 323.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



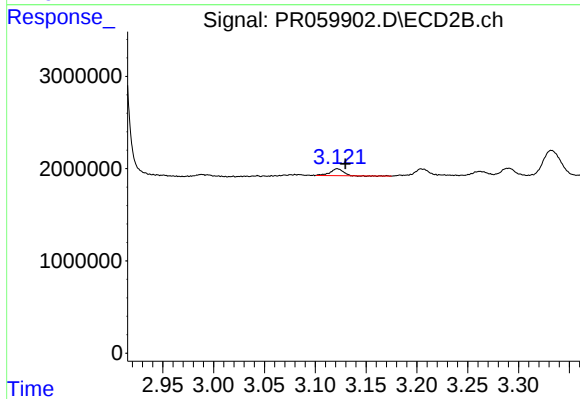
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 47862946
Conc: 427.80 ng/ml



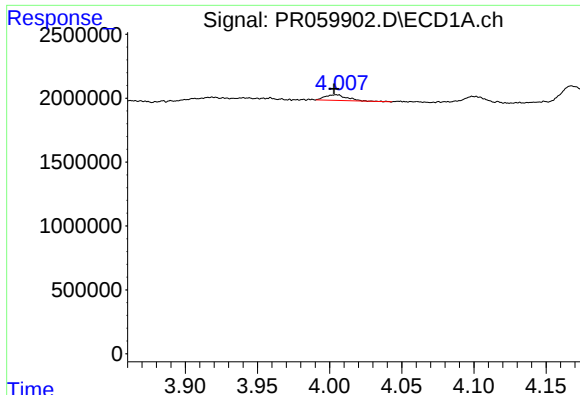
#8 AR-1221-1

R.T.: 3.919 min
Delta R.T.: 0.005 min
Response: 613345
Conc: 15.21 ng/ml



#8 AR-1221-1

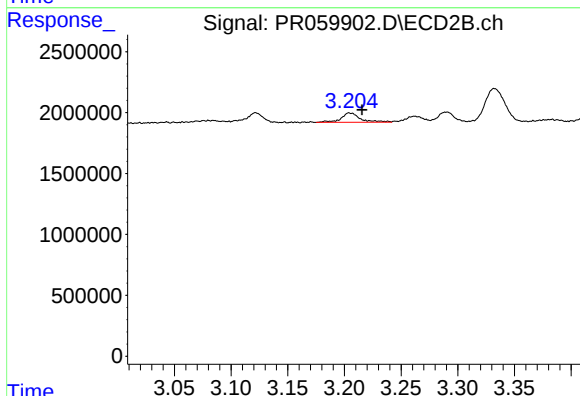
R.T.: 3.122 min
Delta R.T.: -0.008 min
Response: 643062
Conc: 13.18 ng/ml



#9 AR-1221-2

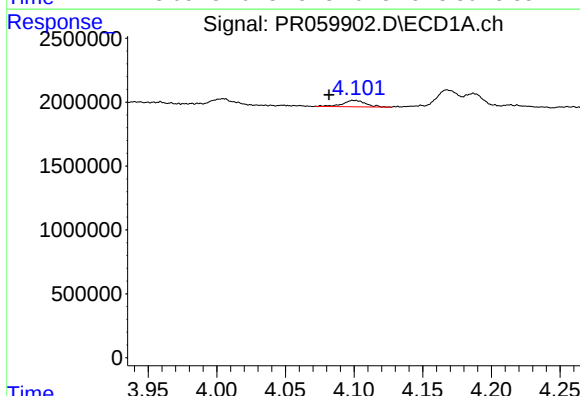
R.T.: 4.005 min
Delta R.T.: 0.001 min
Response: 462865
Conc: 16.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



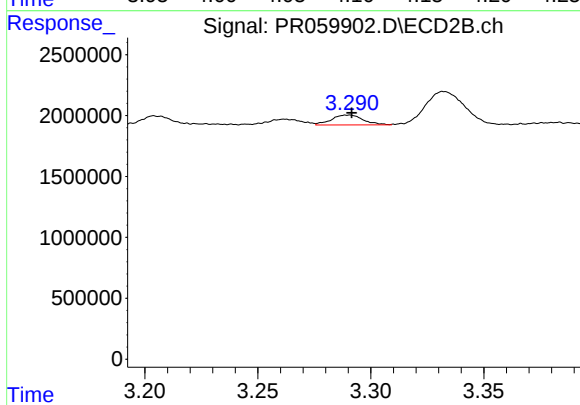
#9 AR-1221-2

R.T.: 3.205 min
Delta R.T.: -0.011 min
Response: 911530
Conc: 26.41 ng/ml



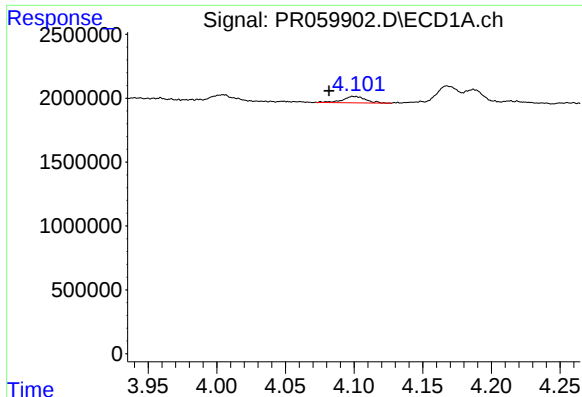
#10 AR-1221-3

R.T.: 4.100 min
Delta R.T.: 0.018 min
Response: 587666
Conc: 6.65 ng/ml



#10 AR-1221-3

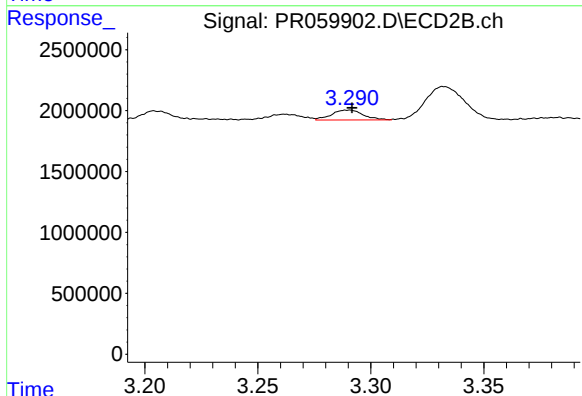
R.T.: 3.290 min
Delta R.T.: -0.001 min
Response: 803558
Conc: 6.93 ng/ml



#11 AR-1232-1

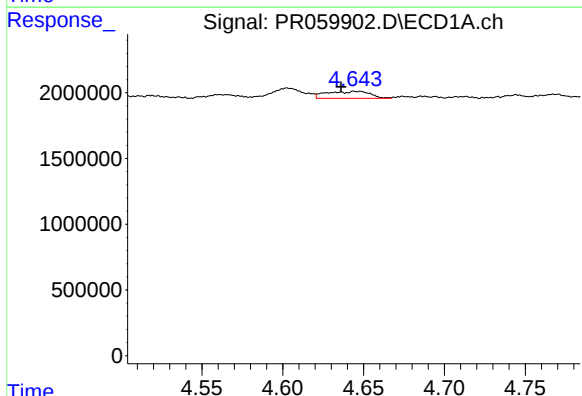
R.T.: 4.100 min
Delta R.T.: 0.018 min
Response: 587666
Conc: 7.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



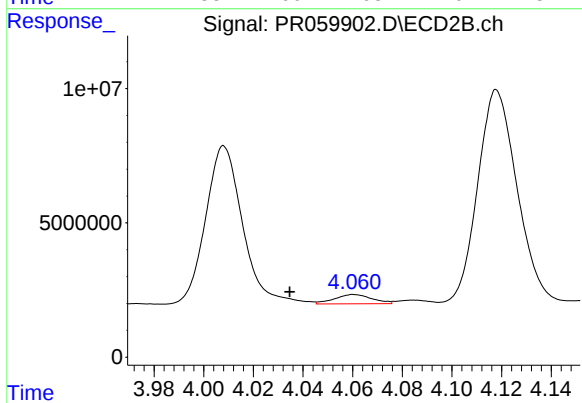
#11 AR-1232-1

R.T.: 3.290 min
Delta R.T.: -0.002 min
Response: 803558
Conc: 8.33 ng/ml



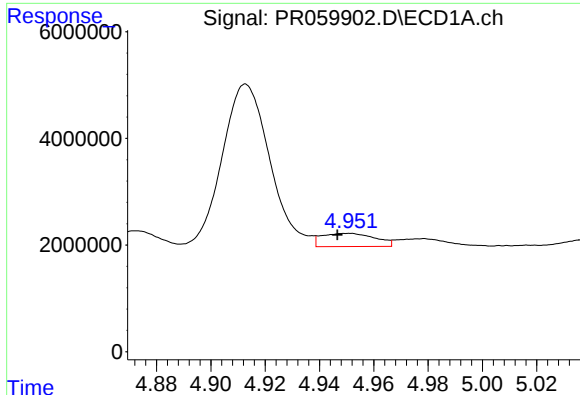
#12 AR-1232-2

R.T.: 4.645 min
Delta R.T.: 0.009 min
Response: 1000451
Conc: 29.75 ng/ml



#12 AR-1232-2

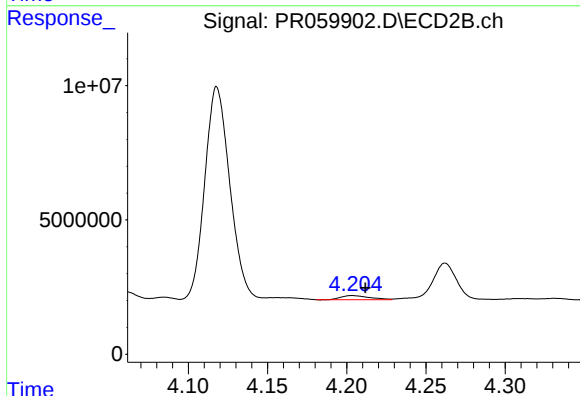
R.T.: 4.061 min
Delta R.T.: 0.026 min
Response: 3599896
Conc: 40.40 ng/ml



#13 AR-1232-3

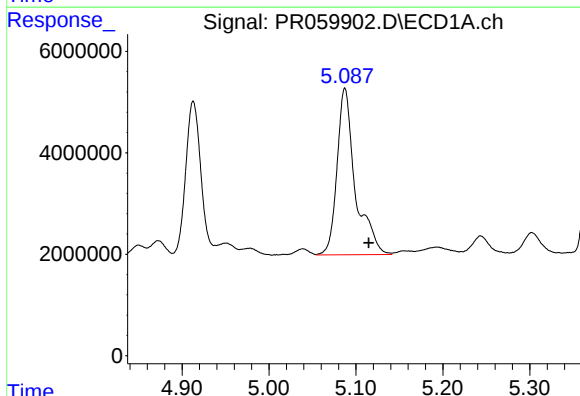
R.T.: 4.950 min
Delta R.T.: 0.004 min
Response: 3371425
Conc: 54.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



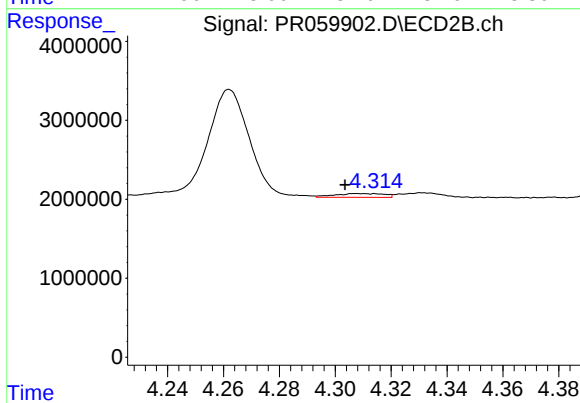
#13 AR-1232-3

R.T.: 4.203 min
Delta R.T.: -0.008 min
Response: 1913196
Conc: 42.76 ng/ml



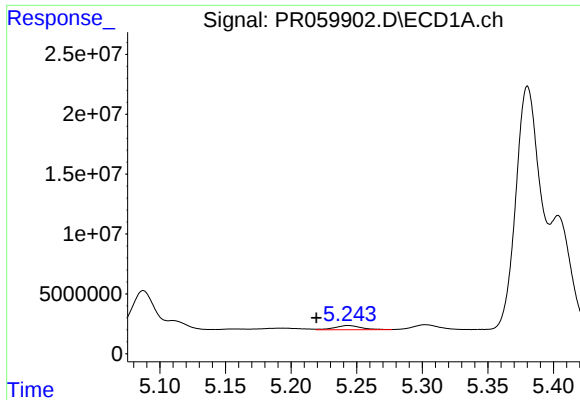
#14 AR-1232-4

R.T.: 5.087 min
Delta R.T.: -0.027 min
Response: 48014401
Conc: 1556.77 ng/ml



#14 AR-1232-4

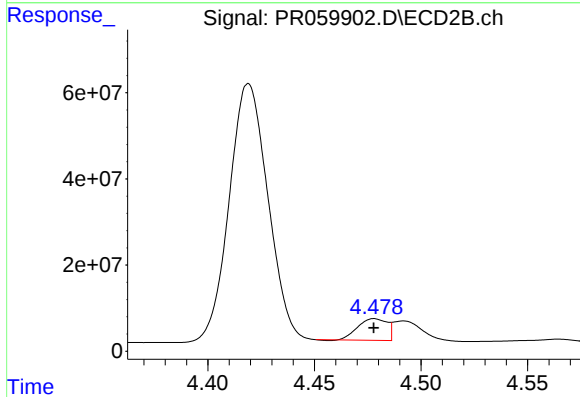
R.T.: 4.308 min
Delta R.T.: 0.004 min
Response: 588482
Conc: 14.23 ng/ml



#15 AR-1232-5

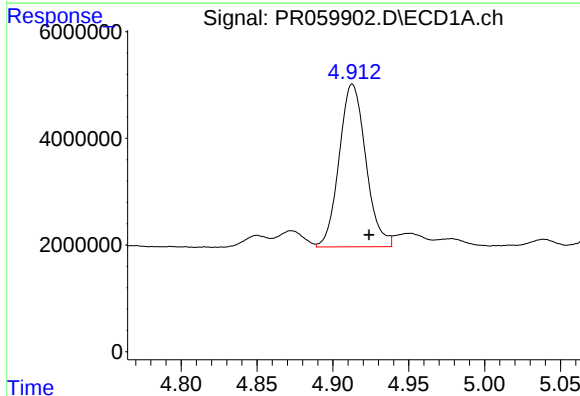
R.T.: 5.244 min
Delta R.T.: 0.024 min
Response: 4826159
Conc: 207.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



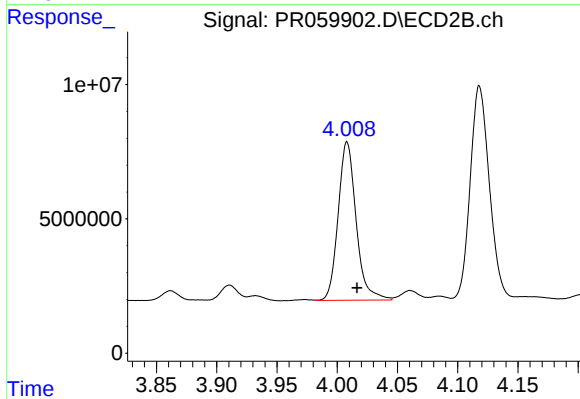
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 47862946
Conc: 1030.01 ng/ml



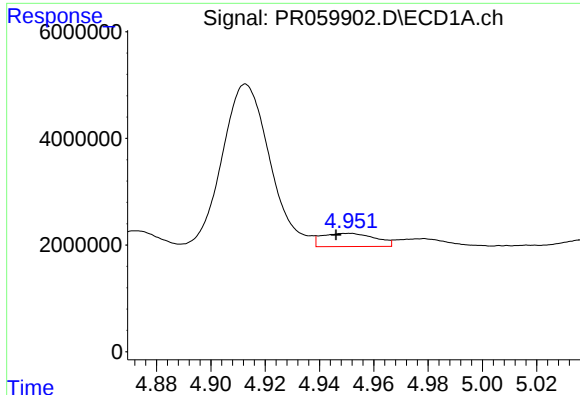
#16 AR-1242-1

R.T.: 4.913 min
Delta R.T.: -0.011 min
Response: 37243637
Conc: 473.98 ng/ml



#16 AR-1242-1

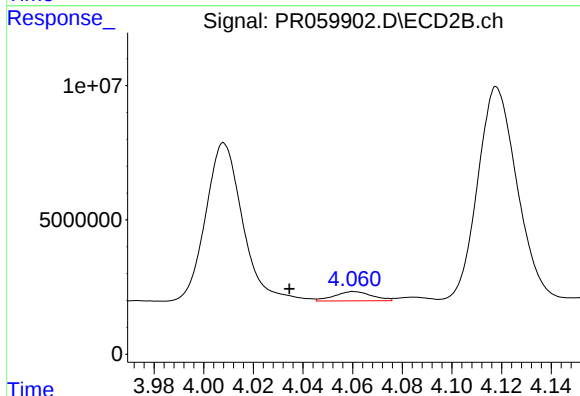
R.T.: 4.008 min
Delta R.T.: -0.008 min
Response: 61280159
Conc: 536.91 ng/ml



#17 AR-1242-2

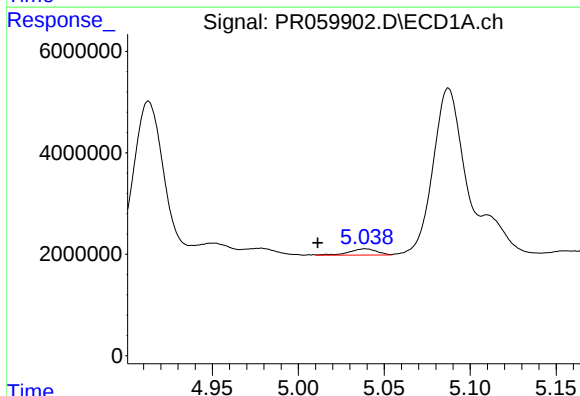
R.T.: 4.950 min
Delta R.T.: 0.004 min
Response: 3371425
Conc: 30.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



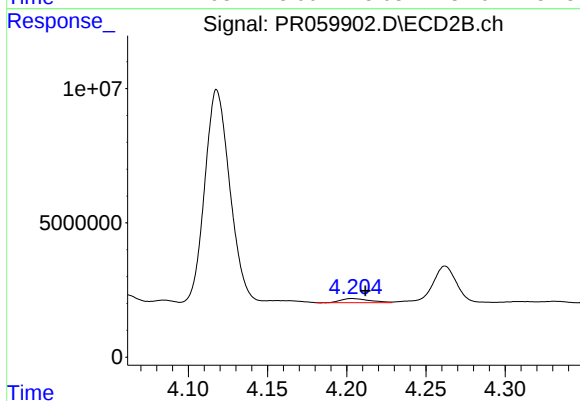
#17 AR-1242-2

R.T.: 4.061 min
Delta R.T.: 0.026 min
Response: 3599896
Conc: 21.52 ng/ml



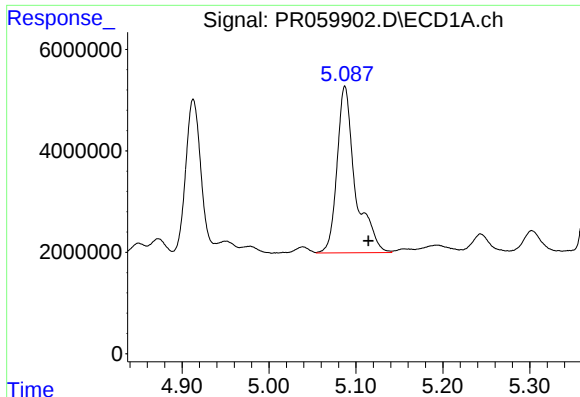
#18 AR-1242-3

R.T.: 5.039 min
Delta R.T.: 0.028 min
Response: 1403484
Conc: 19.32 ng/ml



#18 AR-1242-3

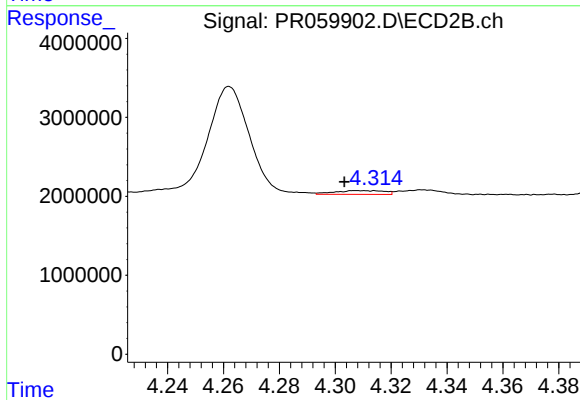
R.T.: 4.203 min
Delta R.T.: -0.008 min
Response: 1913196
Conc: 22.12 ng/ml



#19 AR-1242-4

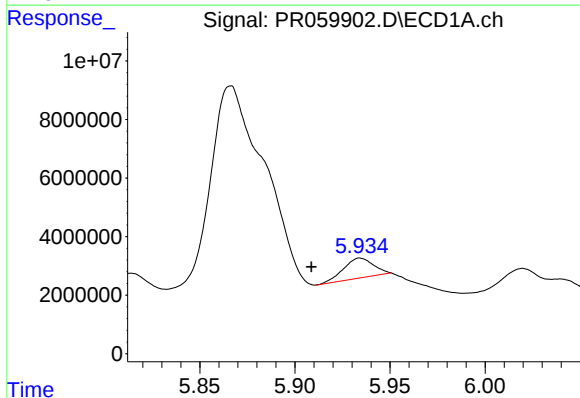
R.T.: 5.087 min
Delta R.T.: -0.027 min
Response: 48014401
Conc: 834.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



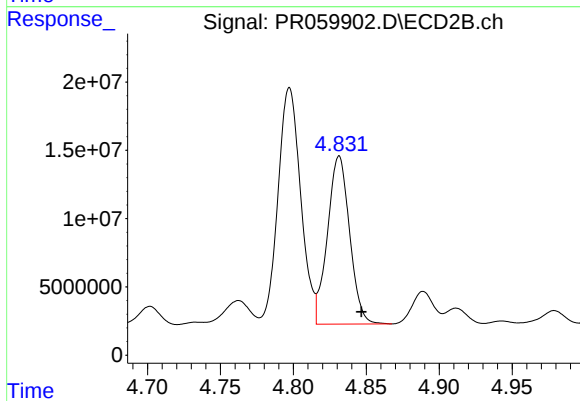
#19 AR-1242-4

R.T.: 4.308 min
Delta R.T.: 0.005 min
Response: 588482
Conc: 6.87 ng/ml



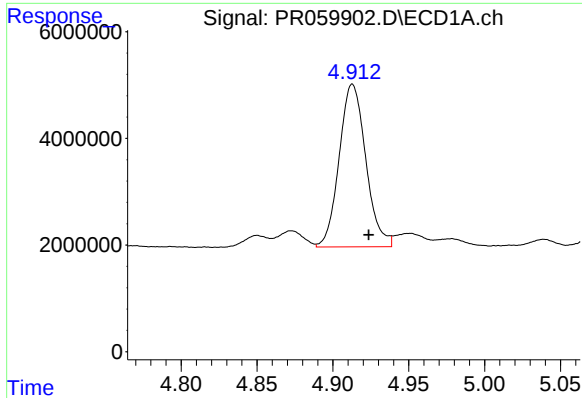
#20 AR-1242-5

R.T.: 5.934 min
Delta R.T.: 0.026 min
Response: 7262187
Conc: 134.39 ng/ml



#20 AR-1242-5

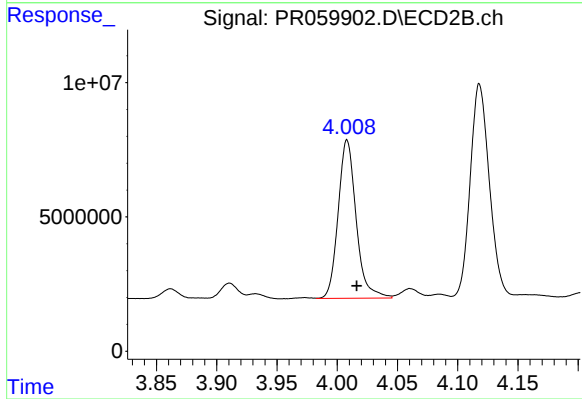
R.T.: 4.831 min
Delta R.T.: -0.015 min
Response: 130215288
Conc: 1260.98 ng/ml



#21 AR-1248-1

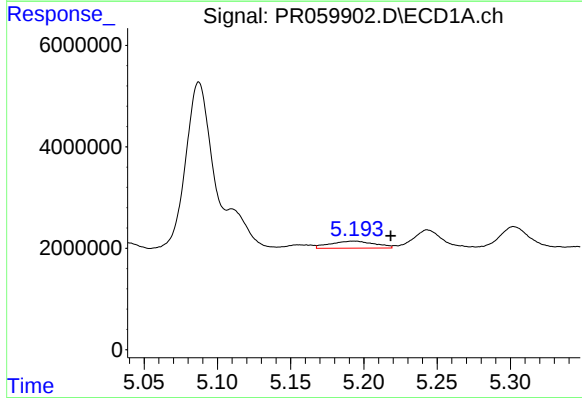
R.T.: 4.913 min
Delta R.T.: -0.011 min
Response: 37243637
Conc: 614.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



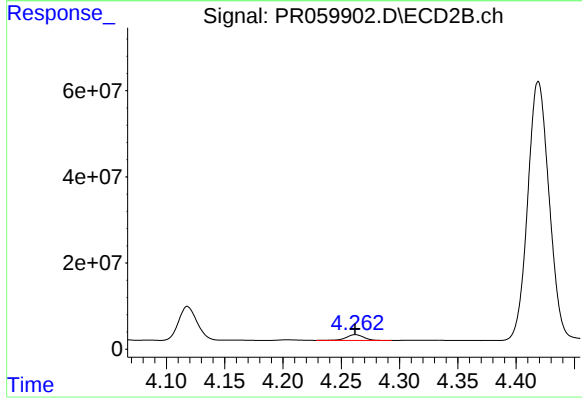
#21 AR-1248-1

R.T.: 4.008 min
Delta R.T.: -0.008 min
Response: 61280159
Conc: 704.05 ng/ml



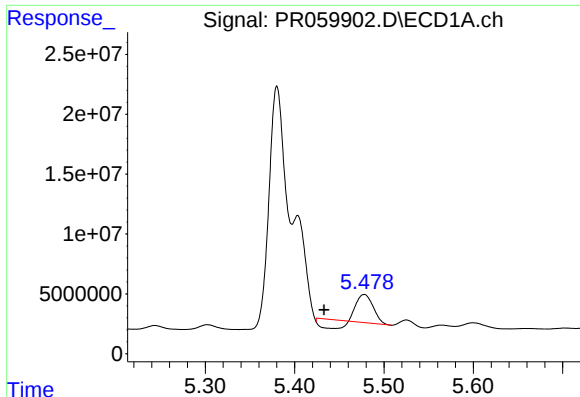
#22 AR-1248-2

R.T.: 5.193 min
Delta R.T.: -0.025 min
Response: 2898455
Conc: 35.70 ng/ml



#22 AR-1248-2

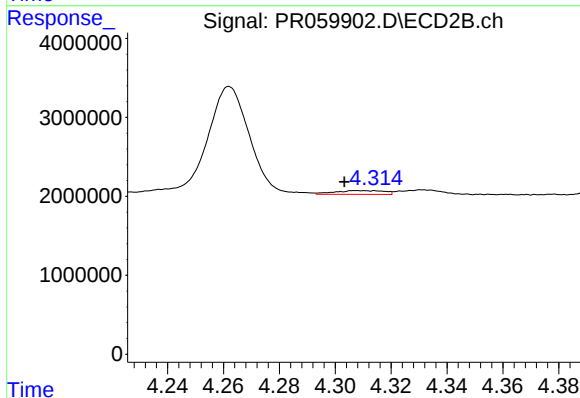
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 14525066
Conc: 112.52 ng/ml



#23 AR-1248-3

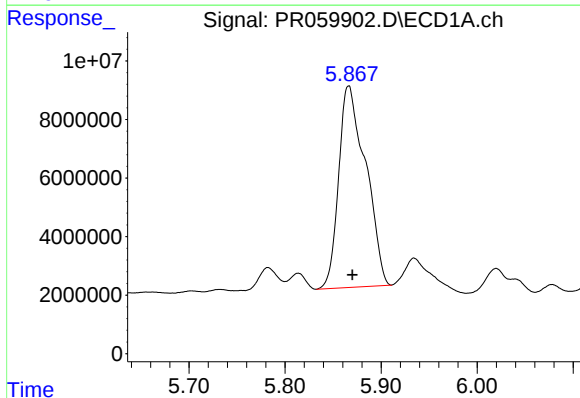
R.T.: 5.478 min
Delta R.T.: 0.045 min
Response: 21831097
Conc: 232.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



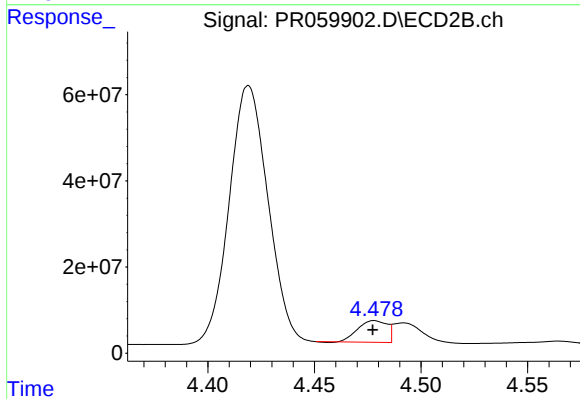
#23 AR-1248-3

R.T.: 4.308 min
Delta R.T.: 0.005 min
Response: 588482
Conc: 4.53 ng/ml



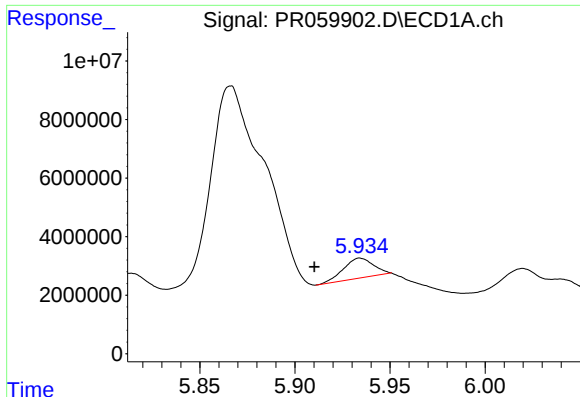
#24 AR-1248-4

R.T.: 5.866 min
Delta R.T.: -0.004 min
Response: 134063061
Conc: 1394.88 ng/ml



#24 AR-1248-4

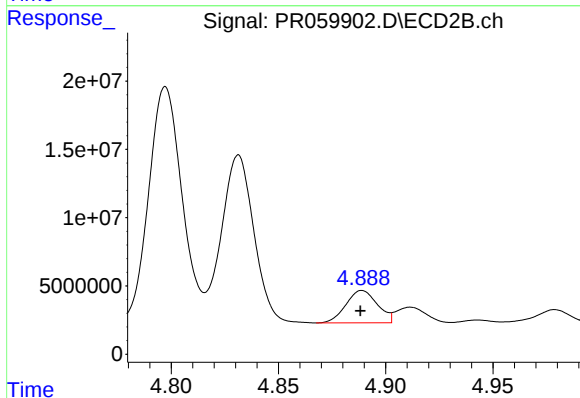
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 47862946
Conc: 303.32 ng/ml



#25 AR-1248-5

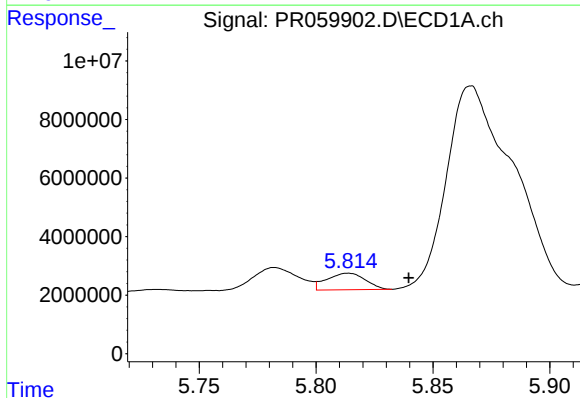
R.T.: 5.934 min
Delta R.T.: 0.024 min
Response: 7262187
Conc: 78.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



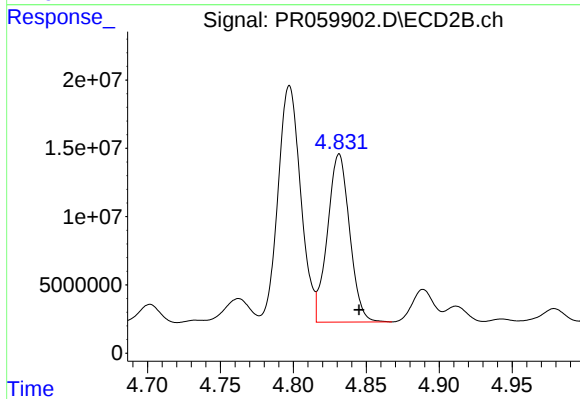
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 24138956
Conc: 169.40 ng/ml



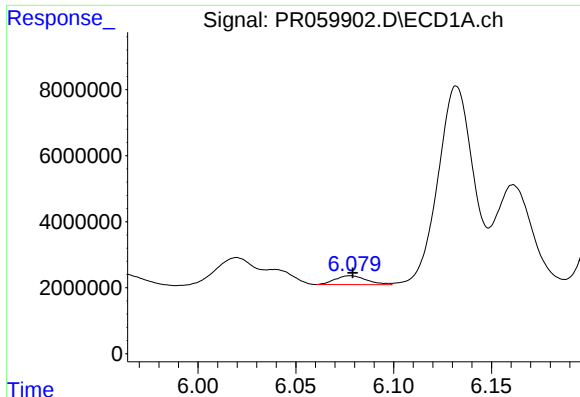
#26 AR-1254-1

R.T.: 5.814 min
Delta R.T.: -0.026 min
Response: 6486328
Conc: 64.71 ng/ml



#26 AR-1254-1

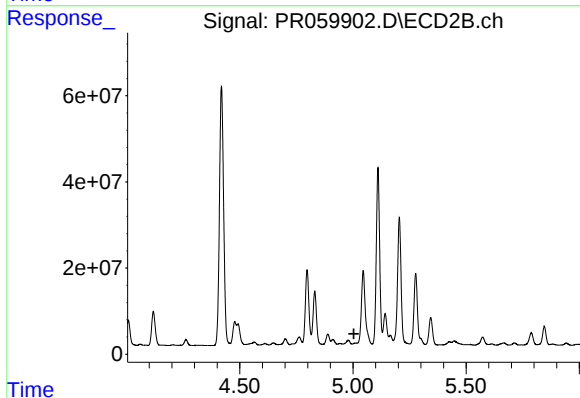
R.T.: 4.831 min
Delta R.T.: -0.014 min
Response: 130215288
Conc: 559.93 ng/ml



#27 AR-1254-2

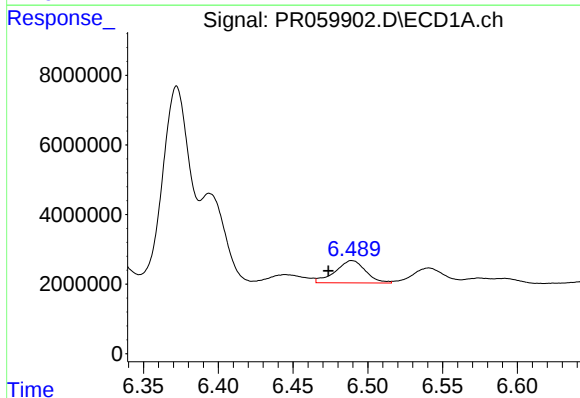
R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 3019120
Conc: 19.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



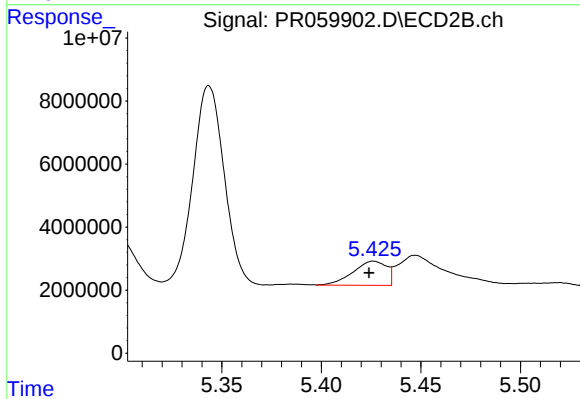
#27 AR-1254-2

R.T.: 5.011 min
Delta R.T.: 0.007 min
Response: -5047861
Conc: N.D.



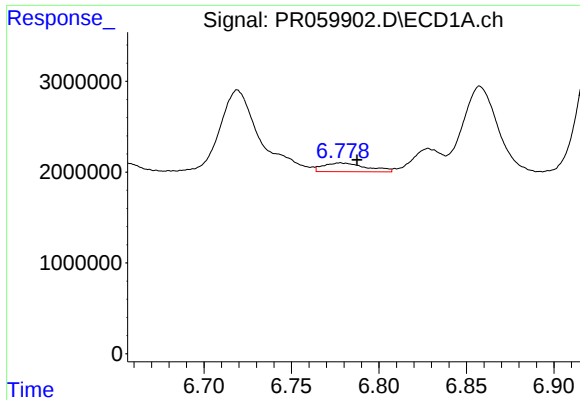
#28 AR-1254-3

R.T.: 6.489 min
Delta R.T.: 0.016 min
Response: 9041172
Conc: 58.18 ng/ml



#28 AR-1254-3

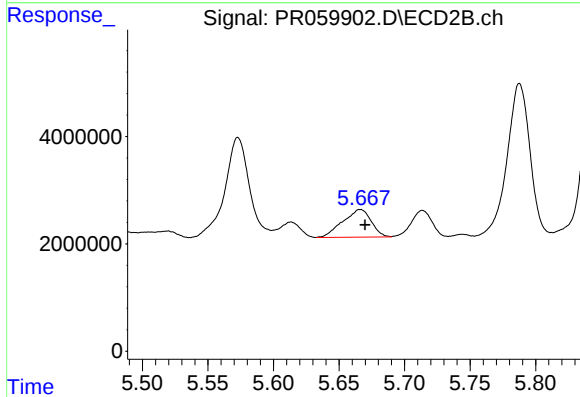
R.T.: 5.426 min
Delta R.T.: 0.002 min
Response: 9022730
Conc: 28.16 ng/ml



#29 AR-1254-4

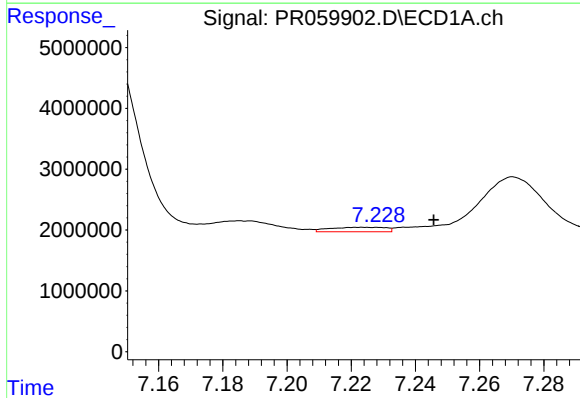
R.T.: 6.778 min
Delta R.T.: -0.009 min
Response: 1627009
Conc: 14.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



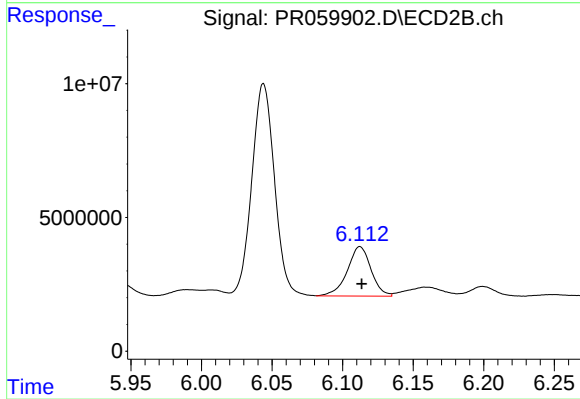
#29 AR-1254-4

R.T.: 5.666 min
Delta R.T.: -0.004 min
Response: 7753572
Conc: 43.23 ng/ml



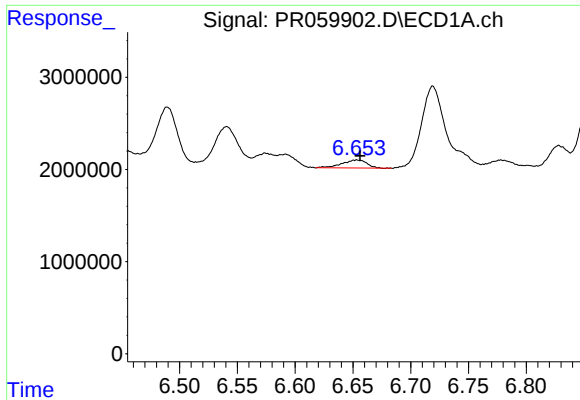
#30 AR-1254-5

R.T.: 7.224 min
Delta R.T.: -0.022 min
Response: 889230
Conc: 7.25 ng/ml



#30 AR-1254-5

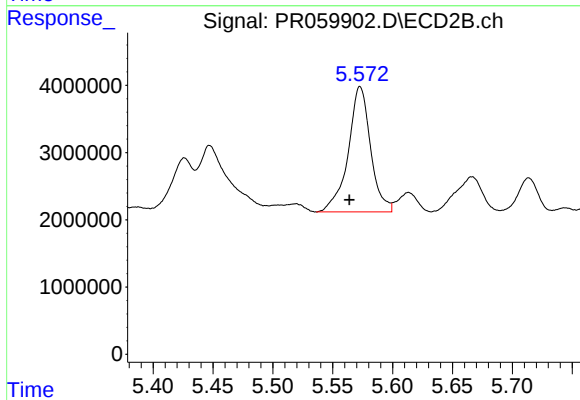
R.T.: 6.112 min
Delta R.T.: -0.001 min
Response: 21697004
Conc: 78.46 ng/ml



#31 AR-1260-1

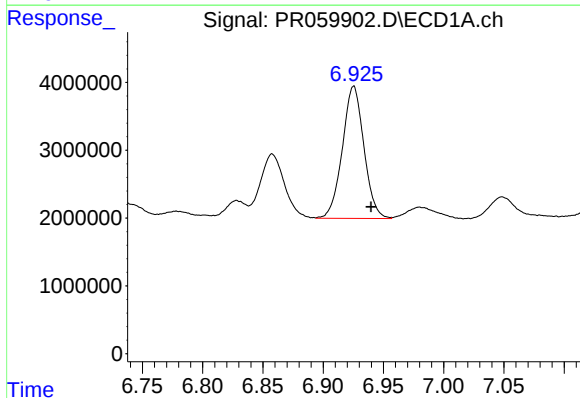
R.T.: 6.653 min
Delta R.T.: -0.003 min
Response: 1306242
Conc: 10.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



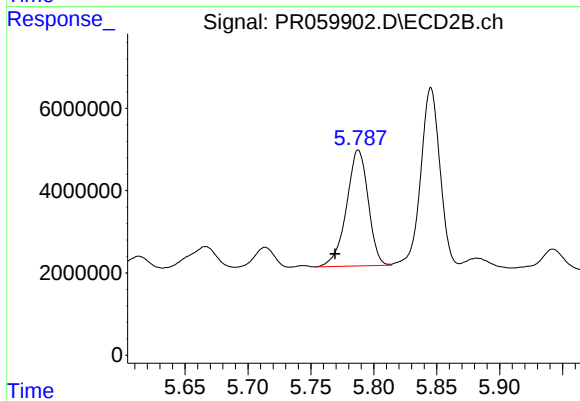
#31 AR-1260-1

R.T.: 5.573 min
Delta R.T.: 0.009 min
Response: 24335896
Conc: 106.41 ng/ml



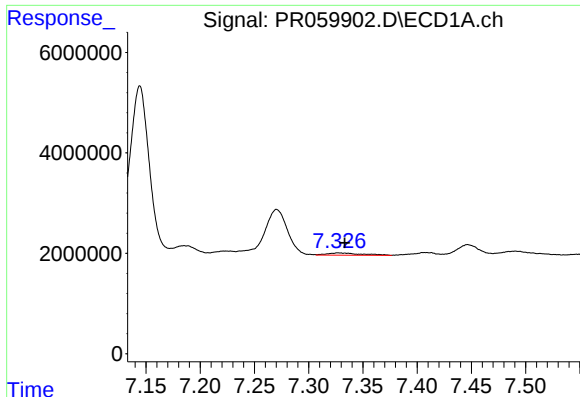
#32 AR-1260-2

R.T.: 6.925 min
Delta R.T.: -0.014 min
Response: 24356362
Conc: 173.37 ng/ml



#32 AR-1260-2

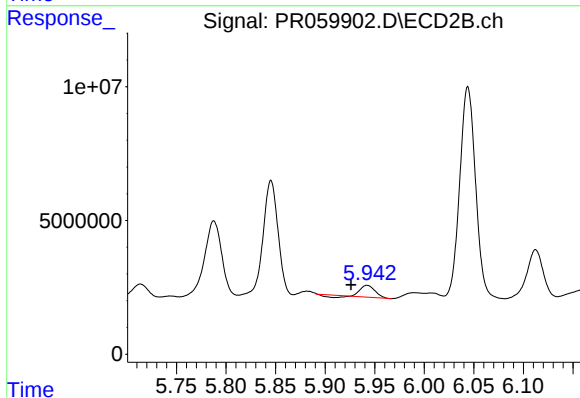
R.T.: 5.788 min
Delta R.T.: 0.019 min
Response: 33827867
Conc: 125.76 ng/ml



#33 AR-1260-3

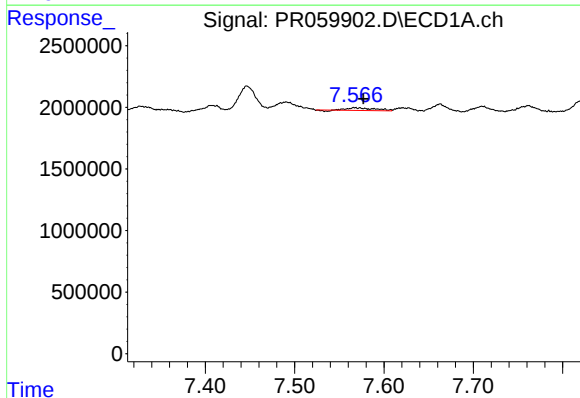
R.T.: 7.327 min
Delta R.T.: -0.006 min
Response: 948548
Conc: 8.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



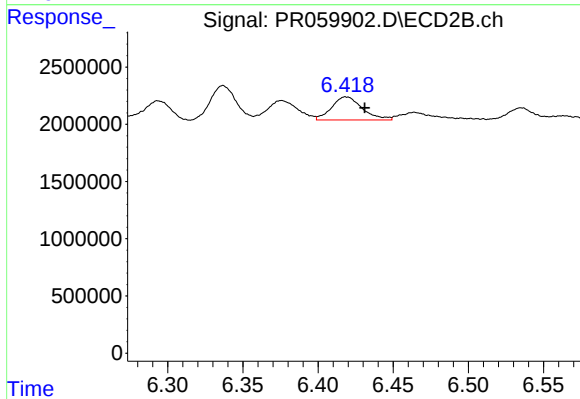
#33 AR-1260-3

R.T.: 5.942 min
Delta R.T.: 0.016 min
Response: 3904703
Conc: 15.41 ng/ml



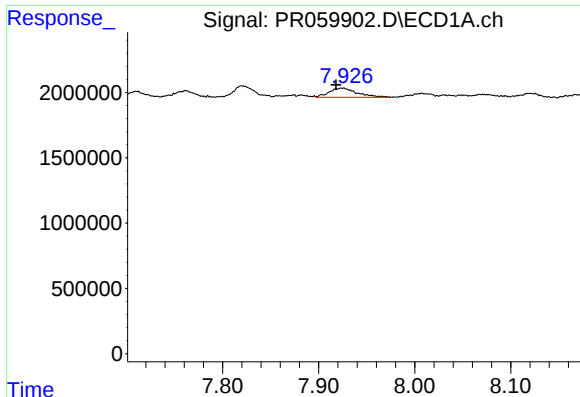
#34 AR-1260-4

R.T.: 7.573 min
Delta R.T.: -0.004 min
Response: 455205
Conc: 3.69 ng/ml



#34 AR-1260-4

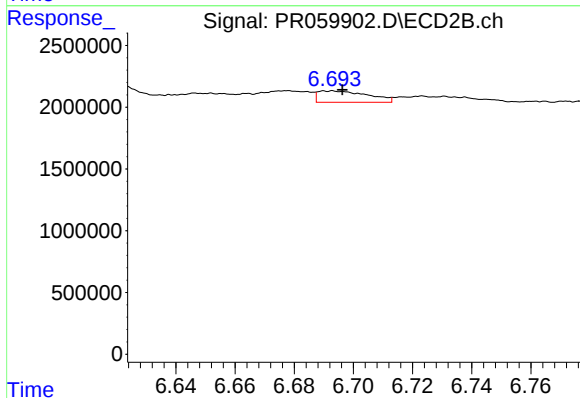
R.T.: 6.419 min
Delta R.T.: -0.012 min
Response: 2871354
Conc: 13.65 ng/ml



#35 AR-1260-5

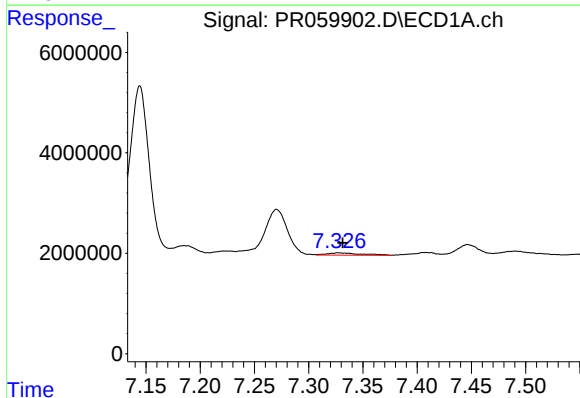
R.T.: 7.924 min
Delta R.T.: 0.006 min
Response: 1416633
Conc: 6.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



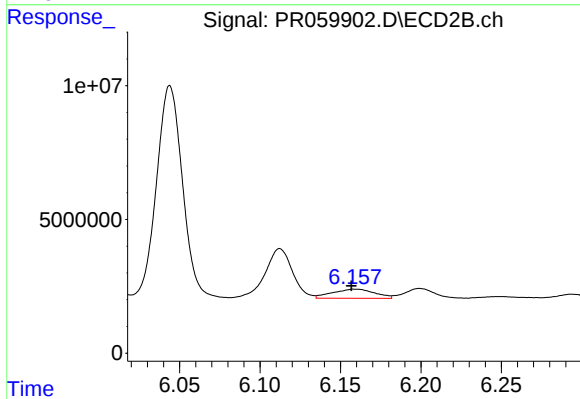
#35 AR-1260-5

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 1086015
Conc: 2.28 ng/ml



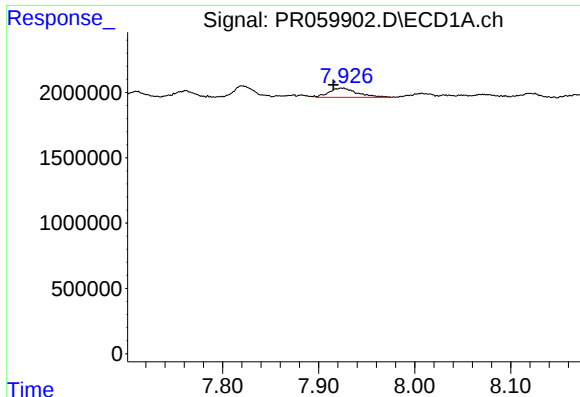
#36 AR-1262-1

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 948548
Conc: 6.18 ng/ml



#36 AR-1262-1

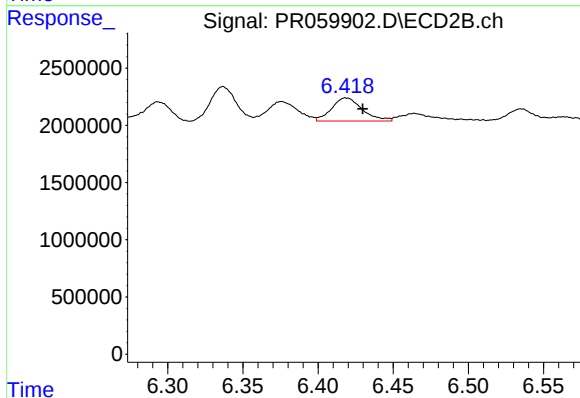
R.T.: 6.159 min
Delta R.T.: 0.002 min
Response: 6168385
Conc: 20.18 ng/ml



#37 AR-1262-2

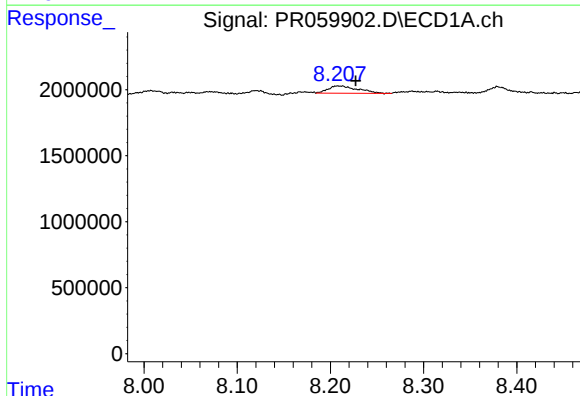
R.T.: 7.924 min
Delta R.T.: 0.009 min
Response: 1416633
Conc: 5.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



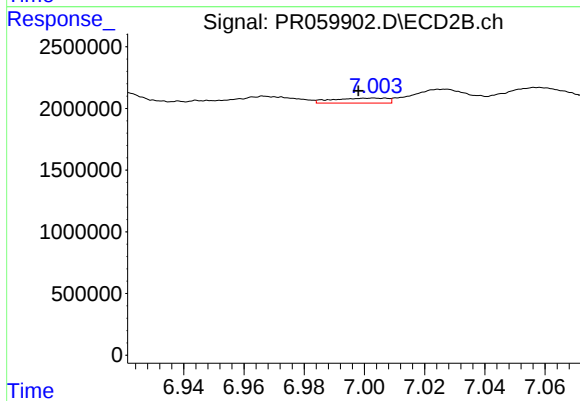
#37 AR-1262-2

R.T.: 6.419 min
Delta R.T.: -0.011 min
Response: 2871354
Conc: 10.56 ng/ml



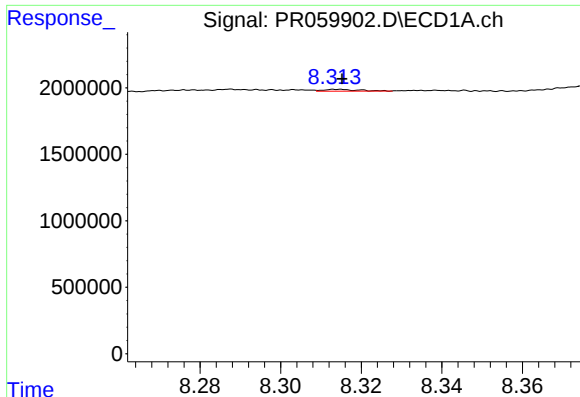
#38 AR-1262-3

R.T.: 8.208 min
Delta R.T.: -0.019 min
Response: 1230644
Conc: 6.55 ng/ml



#38 AR-1262-3

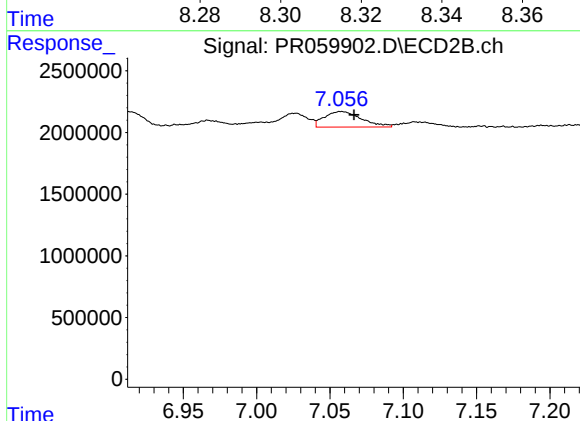
R.T.: 7.003 min
Delta R.T.: 0.005 min
Response: 511377
Conc: 2.49 ng/ml



#39 AR-1262-4

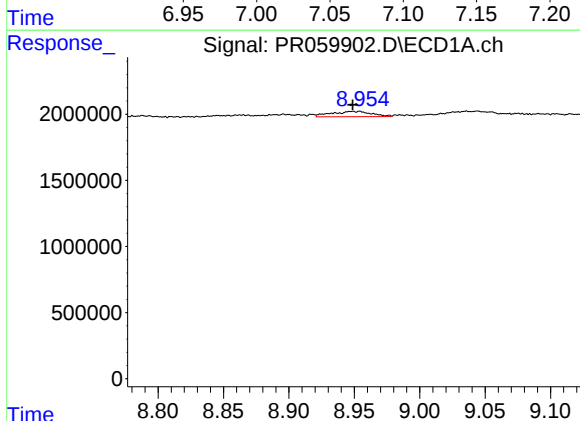
R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 84228
Conc: 0.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



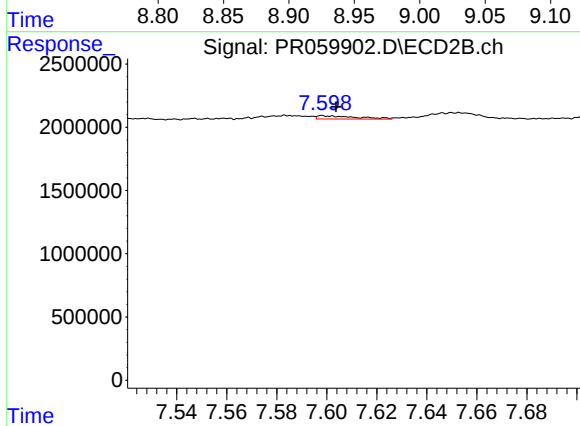
#39 AR-1262-4

R.T.: 7.058 min
Delta R.T.: -0.009 min
Response: 2233512
Conc: 5.83 ng/ml



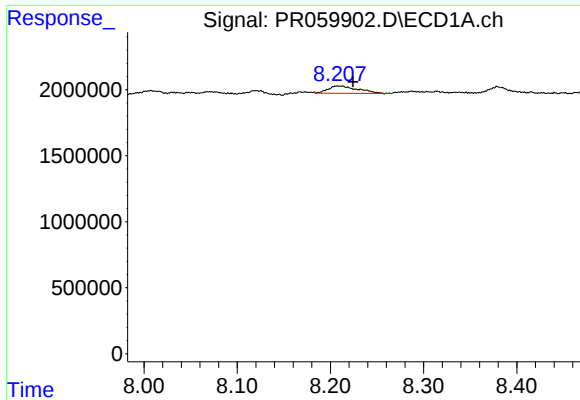
#40 AR-1262-5

R.T.: 8.954 min
Delta R.T.: 0.005 min
Response: 863088
Conc: 8.20 ng/ml



#40 AR-1262-5

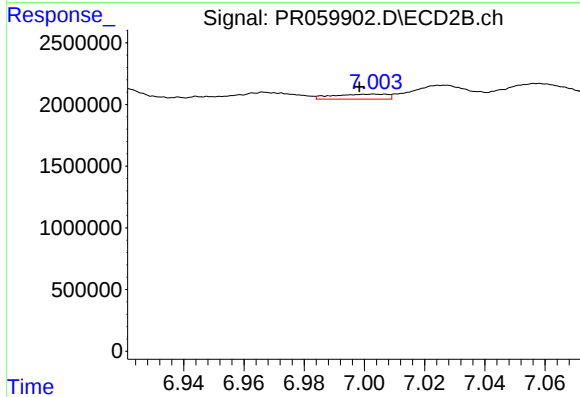
R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 284427
Conc: 1.68 ng/ml



#41 AR-1268-1

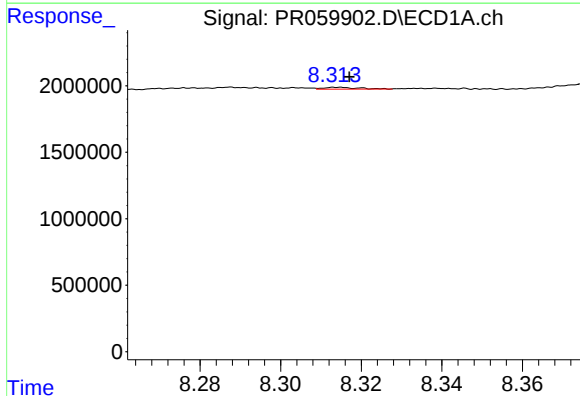
R.T.: 8.208 min
Delta R.T.: -0.016 min
Response: 1230644
Conc: 2.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



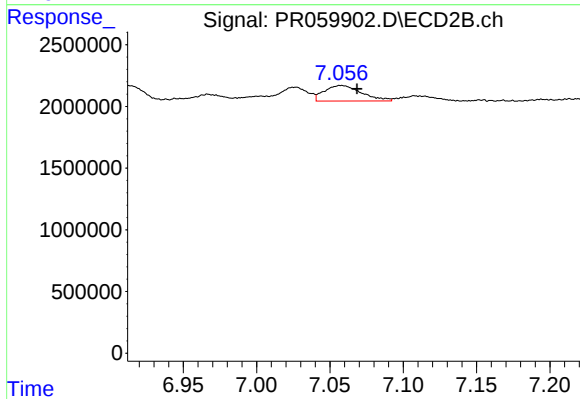
#41 AR-1268-1

R.T.: 7.003 min
Delta R.T.: 0.005 min
Response: 511377
Conc: 0.58 ng/ml



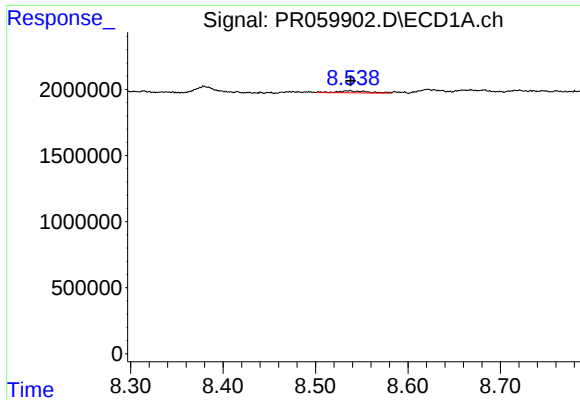
#42 AR-1268-2

R.T.: 8.314 min
Delta R.T.: -0.003 min
Response: 84228
Conc: 0.21 ng/ml



#42 AR-1268-2

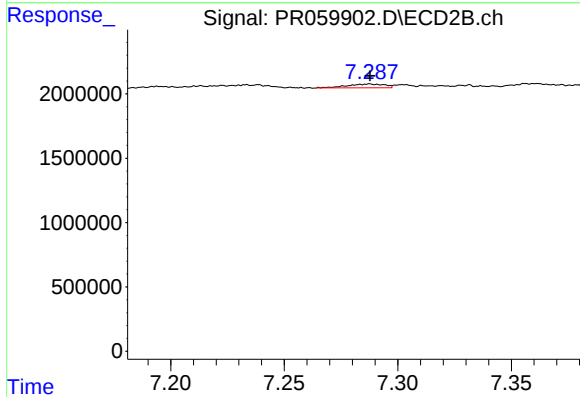
R.T.: 7.058 min
Delta R.T.: -0.011 min
Response: 2233512
Conc: 2.83 ng/ml



#43 AR-1268-3

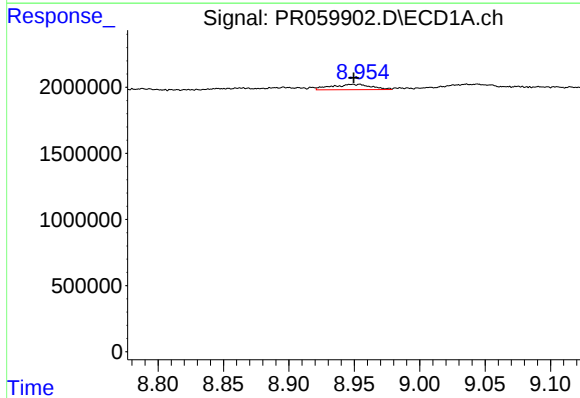
R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 347083
Conc: 0.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



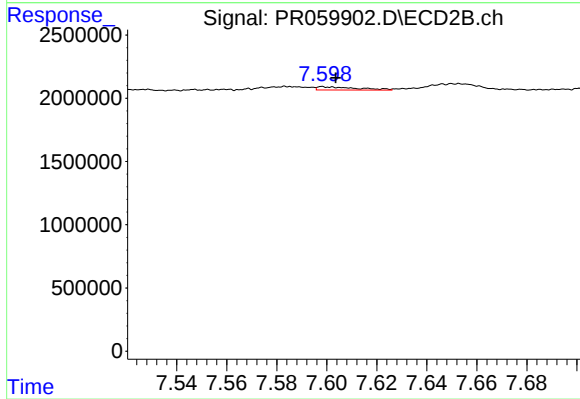
#43 AR-1268-3

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 339458
Conc: 0.49 ng/ml



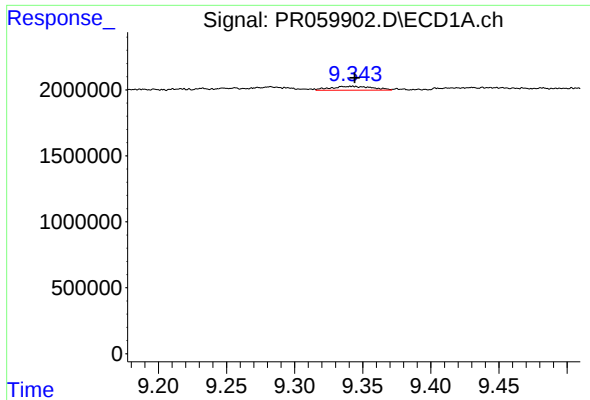
#44 AR-1268-4

R.T.: 8.954 min
Delta R.T.: 0.004 min
Response: 863088
Conc: 5.47 ng/ml



#44 AR-1268-4

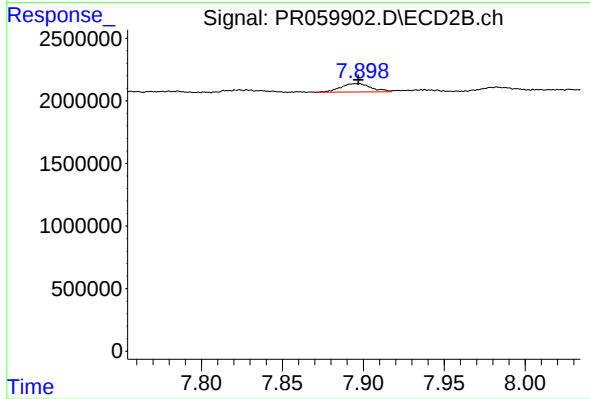
R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 284427
Conc: 1.07 ng/ml



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.002 min
Response: 624910
Conc: 0.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.896 min
Delta R.T.: -0.001 min
Response: 875224
Conc: 0.42 ng/ml