

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030323\
 Data File : PR059992.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2023 08:49
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 21:31:48 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	69824367	93306155	20.727	20.576
2)	SA Decachlor...	9.662	8.138	98479448	156.6E6	41.788	43.316
Target Compounds							
3)	L1 AR-1016-1	4.922	4.014	40271273	61313581	428.649	446.670
4)	L1 AR-1016-2	4.945	4.032	56454534	87834591	418.500	429.825
5)	L1 AR-1016-3	5.010	4.209	36320835	45579492	416.337	433.755
6)	L1 AR-1016-4	5.113	4.260	29163156	35779096	420.582	416.659
7)	L1 AR-1016-5	5.431	4.475	28073723	46059756	416.026	411.681
8)	L2 AR-1221-1	3.908	3.127	5027426	6054937	124.634	124.128
9)	L2 AR-1221-2	4.002	3.213	6381707	7692793	224.318	222.891
10)	L2 AR-1221-3	4.080	3.289	25367027	32653337	287.108	281.675
11)	L3 AR-1232-1	4.080	3.289	25367027	32653337	338.503	338.649
12)	L3 AR-1232-2	4.635	4.032	30293070	87834591	900.880	985.733
13)	L3 AR-1232-3	4.945	4.209	56454534	45579492	915.666	1018.732
14)	L3 AR-1232-4	5.113	4.301	29163156	41195300	945.558	996.137
15)	L3 AR-1232-5	5.218	4.475	22938243	46059756	985.183	991.205
16)	L4 AR-1242-1	4.922	4.014	40271273	61313581	512.507	537.201
17)	L4 AR-1242-2	4.945	4.032	56454534	87834591	503.467	524.973
18)	L4 AR-1242-3	5.010	4.209	36320835	45579492	499.993	526.906
19)	L4 AR-1242-4	5.113	4.301	29163156	41195300	506.683	480.639
20)	L4 AR-1242-5	5.908	4.843	7717176	46019546	142.810	445.643 #
21)	L5 AR-1248-1	4.922	4.014	40271273	61313581	664.558	704.433
22)	L5 AR-1248-2	5.218	4.260	22938243	35779096	282.505	277.168
23)	L5 AR-1248-3	5.431	4.301	28073723	41195300	298.874	316.871
24)	L5 AR-1248-4	5.869	4.475	8586733	46059756	89.342	291.891 #
25)	L5 AR-1248-5	5.908	4.885	7717176	11602679	83.168	81.426
26)	L6 AR-1254-1	5.839	4.843	25097257	46019546	250.382	197.886
27)	L6 AR-1254-2	6.078	5.002	21069103	31674510	138.764	157.760
28)	L6 AR-1254-3	6.473	5.441	9972602	65487015	64.177	204.371 #
29)	L6 AR-1254-4	6.786	5.667	5916956	5774934	53.704	32.196 #
30)	L6 AR-1254-5	7.245	6.110	67631651	128.3E6	551.280	464.014
31)	L7 AR-1260-1	6.654	5.561	51146482	99795222	415.753	436.366
32)	L7 AR-1260-2	6.939	5.766	59605661	119.7E6	424.269	445.078
33)	L7 AR-1260-3	7.332	5.924	45061850	110.0E6	416.051	434.187
34)	L7 AR-1260-4	7.576	6.428	51820950	92286172	420.089	438.764
35)	L7 AR-1260-5	7.917	6.693	97897744	214.0E6	425.454	450.182
36)	L8 AR-1262-1	7.332	6.154	45061850	97400337	293.405	318.700
37)	L8 AR-1262-2	7.917	6.428	97897744	92286172	377.349	339.460
38)	L8 AR-1262-3	8.235	6.997	65981222	44951404	351.276	219.192 #
39)	L8 AR-1262-4	8.315	7.063	17631656	150.5E6	121.539	392.642 #
40)	L8 AR-1262-5	8.951	7.603	30244306	49640622	287.453	293.339
41)	L9 AR-1268-1	8.235	6.997	65981222	44951404	149.214	51.159 #

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Acq On : 02 Mar 2023 08:49
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

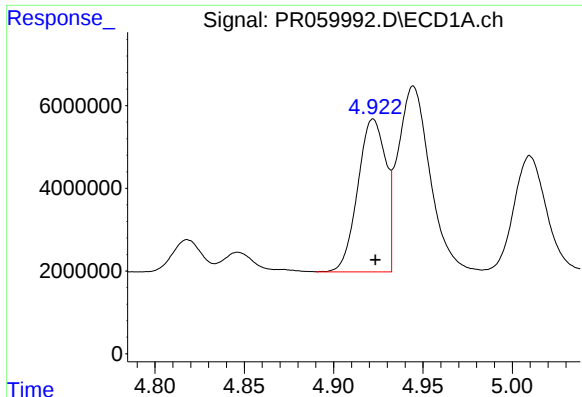
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 02 21:31:48 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
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.315	7.063	17631656	150.5E6	44.087	190.797 #
43) L9	AR-1268-3	8.540	7.288	1310720	2585404	3.637	3.722
44) L9	AR-1268-4	8.951	7.603	30244306	49640622	191.780	187.302
45) L9	AR-1268-5	9.344	7.897	8845337	12705282	7.672	6.060

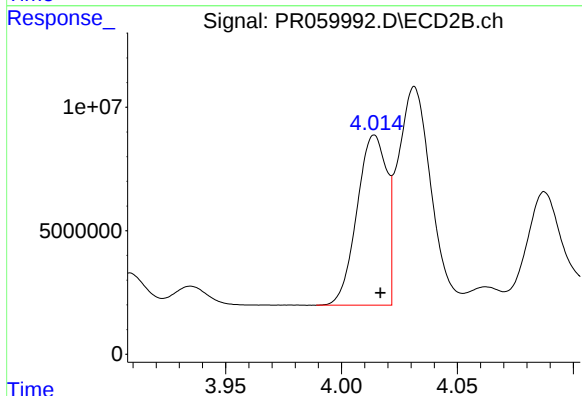
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

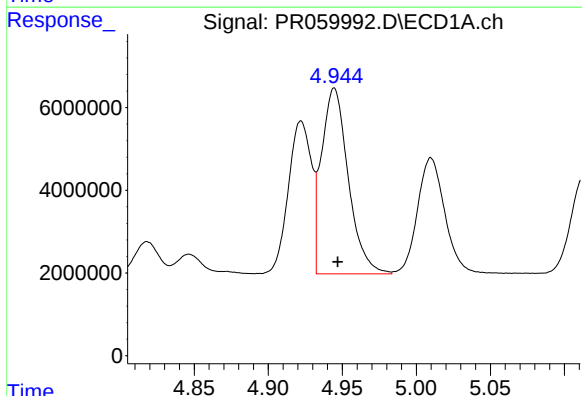
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 40271273
Conc: 428.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



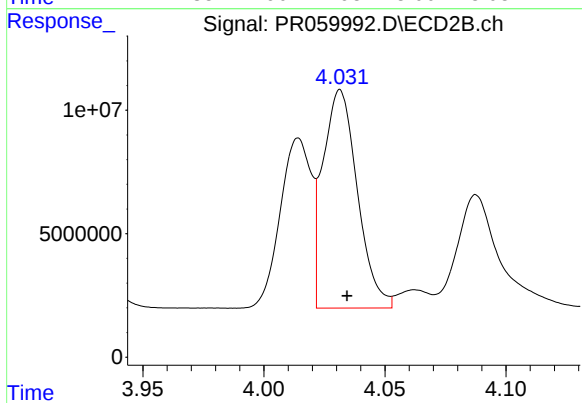
#3 AR-1016-1

R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 61313581
Conc: 446.67 ng/ml



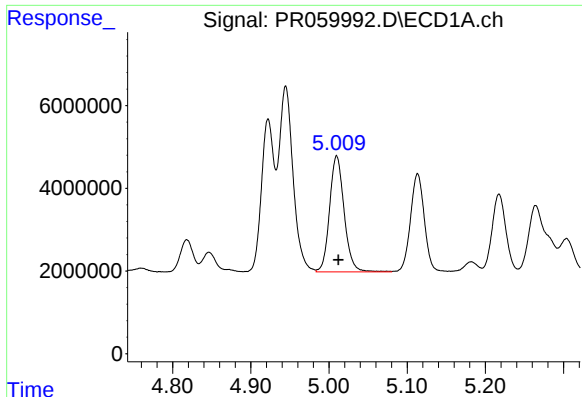
#4 AR-1016-2

R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 56454534
Conc: 418.50 ng/ml



#4 AR-1016-2

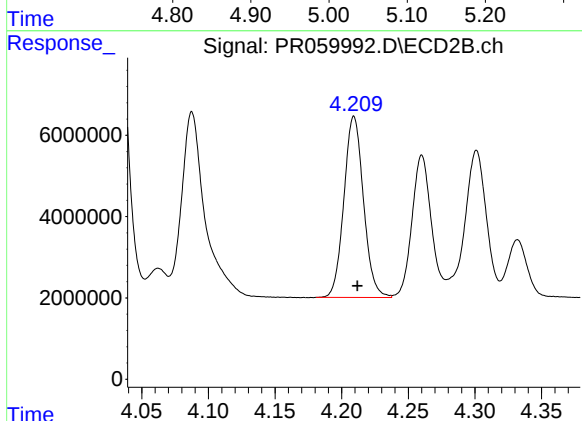
R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 87834591
Conc: 429.82 ng/ml



#5 AR-1016-3

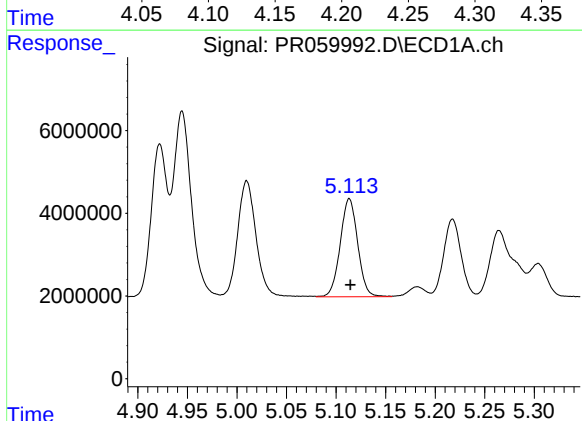
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 36320835
Conc: 416.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



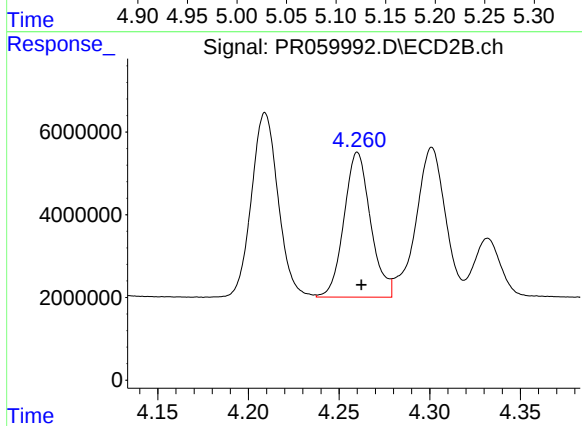
#5 AR-1016-3

R.T.: 4.209 min
Delta R.T.: -0.003 min
Response: 45579492
Conc: 433.75 ng/ml



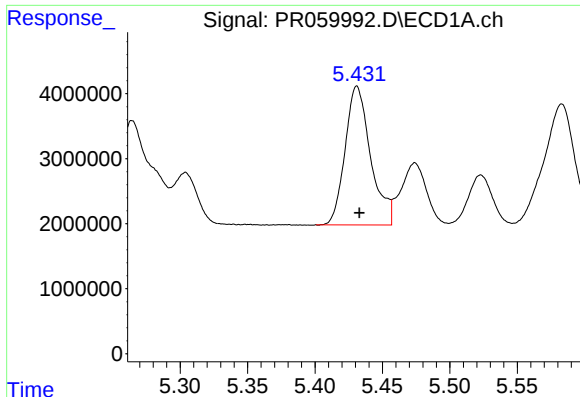
#6 AR-1016-4

R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 29163156
Conc: 420.58 ng/ml



#6 AR-1016-4

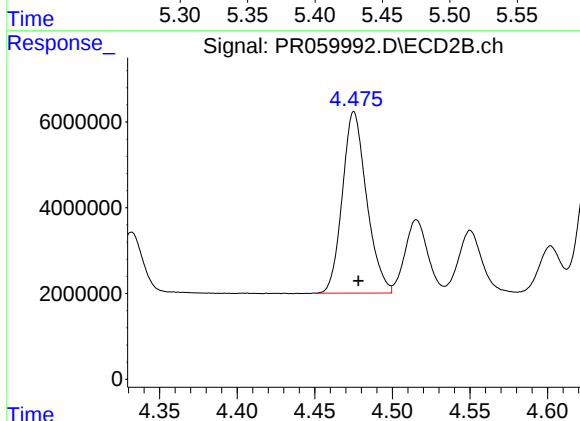
R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 35779096
Conc: 416.66 ng/ml



#7 AR-1016-5

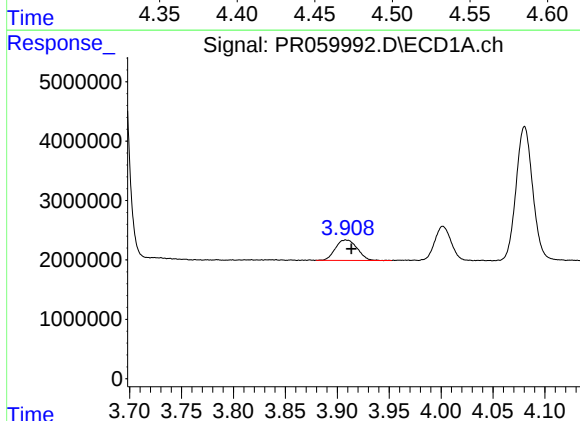
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 28073723
Conc: 416.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



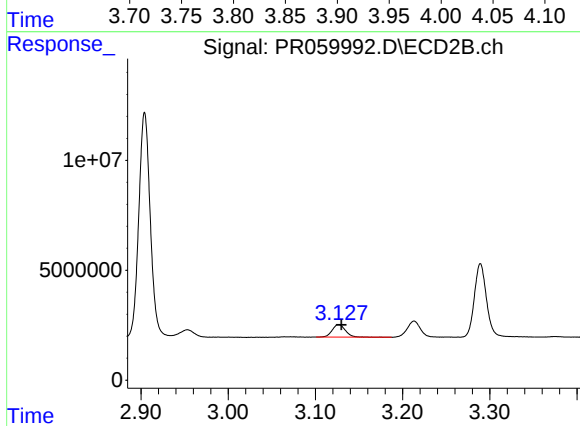
#7 AR-1016-5

R.T.: 4.475 min
Delta R.T.: -0.003 min
Response: 46059756
Conc: 411.68 ng/ml



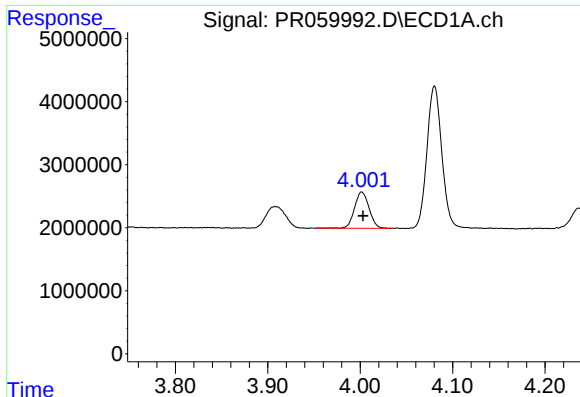
#8 AR-1221-1

R.T.: 3.908 min
Delta R.T.: -0.005 min
Response: 5027426
Conc: 124.63 ng/ml



#8 AR-1221-1

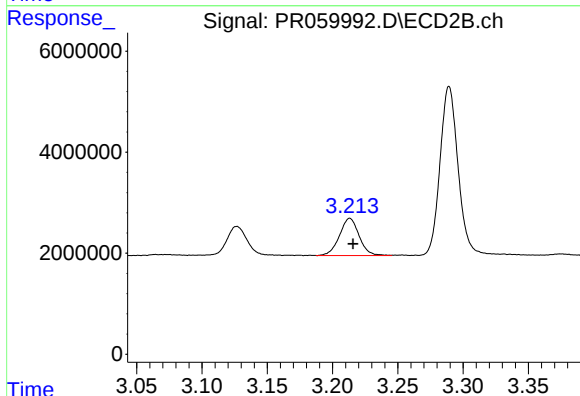
R.T.: 3.127 min
Delta R.T.: -0.003 min
Response: 6054937
Conc: 124.13 ng/ml



#9 AR-1221-2

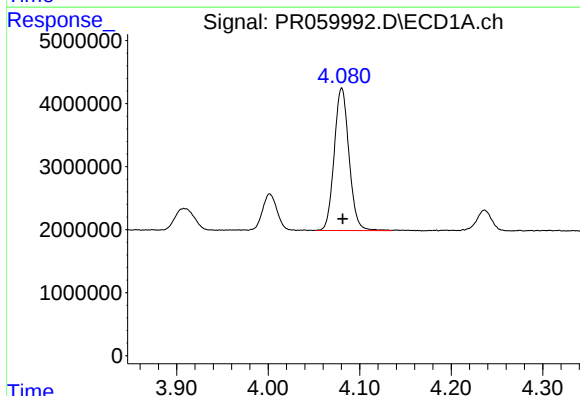
R.T.: 4.002 min
Delta R.T.: -0.001 min
Response: 6381707
Conc: 224.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



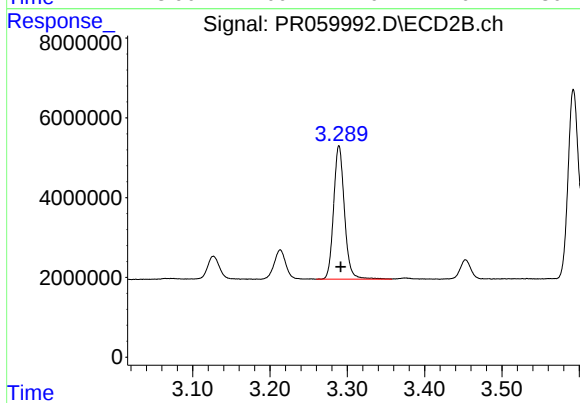
#9 AR-1221-2

R.T.: 3.213 min
Delta R.T.: -0.002 min
Response: 7692793
Conc: 222.89 ng/ml



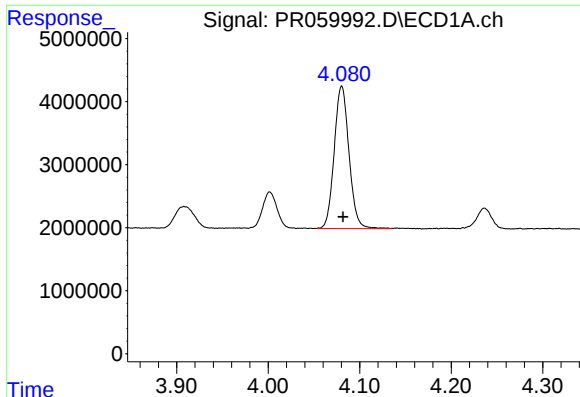
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: -0.001 min
Response: 25367027
Conc: 287.11 ng/ml



#10 AR-1221-3

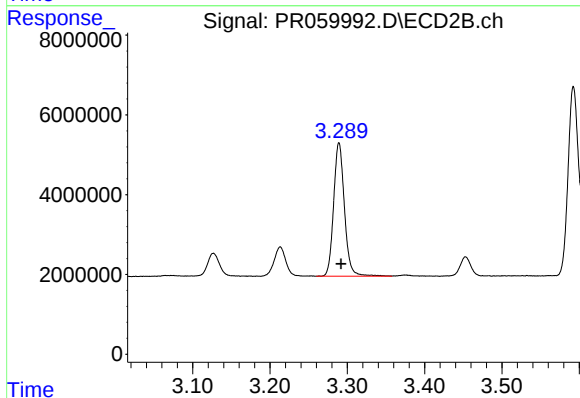
R.T.: 3.289 min
Delta R.T.: -0.002 min
Response: 32653337
Conc: 281.67 ng/ml



#11 AR-1232-1

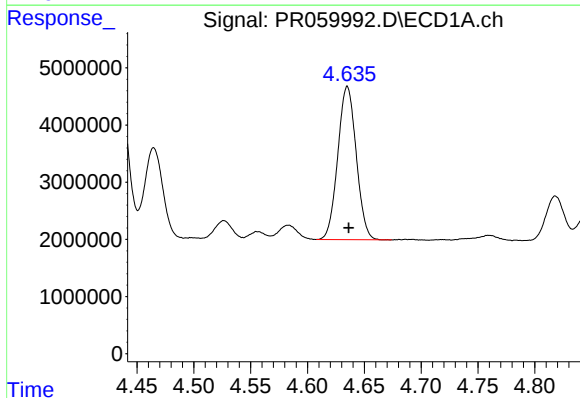
R.T.: 4.080 min
Delta R.T.: -0.001 min
Response: 25367027
Conc: 338.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



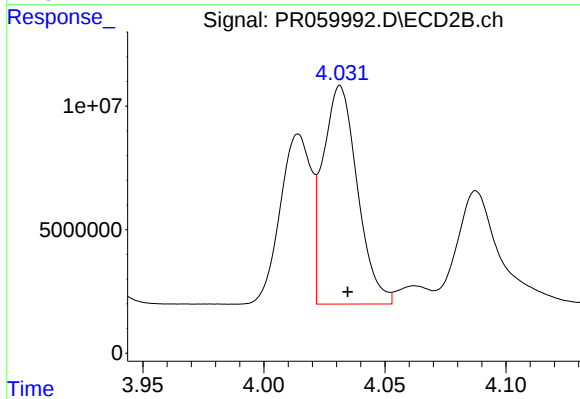
#11 AR-1232-1

R.T.: 3.289 min
Delta R.T.: -0.002 min
Response: 32653337
Conc: 338.65 ng/ml



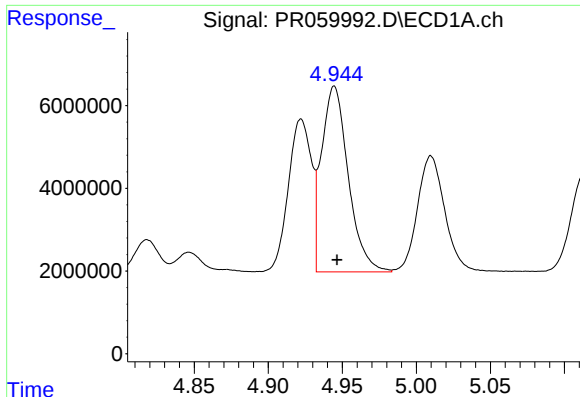
#12 AR-1232-2

R.T.: 4.635 min
Delta R.T.: -0.001 min
Response: 30293070
Conc: 900.88 ng/ml



#12 AR-1232-2

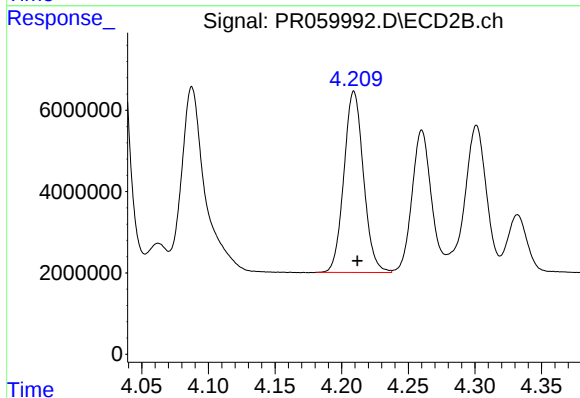
R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 87834591
Conc: 985.73 ng/ml



#13 AR-1232-3

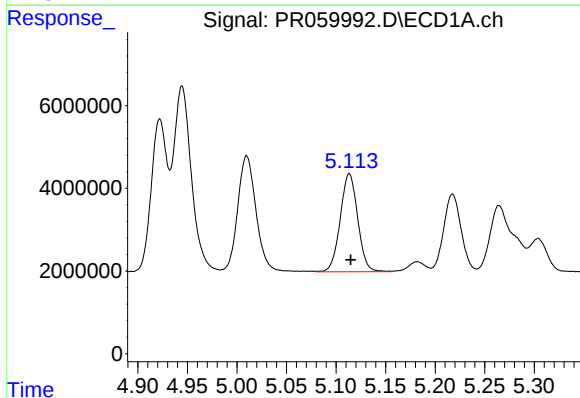
R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 56454534
Conc: 915.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



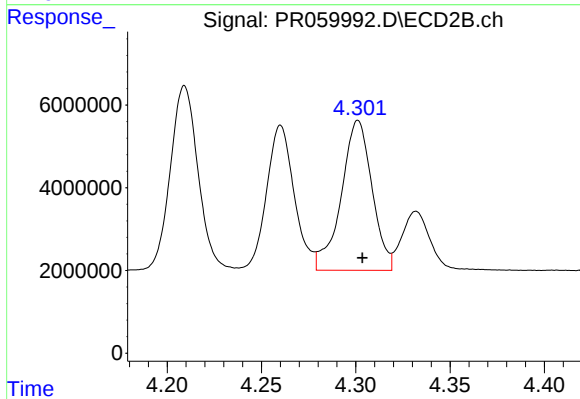
#13 AR-1232-3

R.T.: 4.209 min
Delta R.T.: -0.003 min
Response: 45579492
Conc: 1018.73 ng/ml



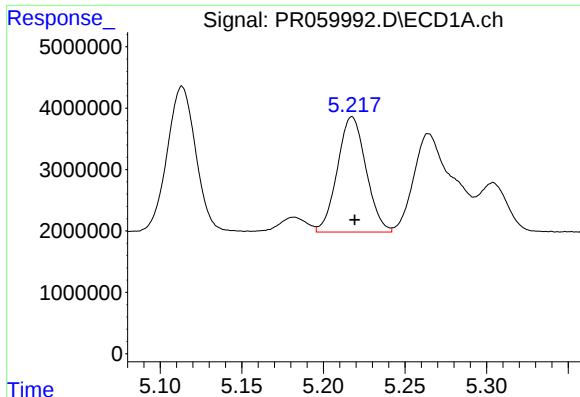
#14 AR-1232-4

R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 29163156
Conc: 945.56 ng/ml



#14 AR-1232-4

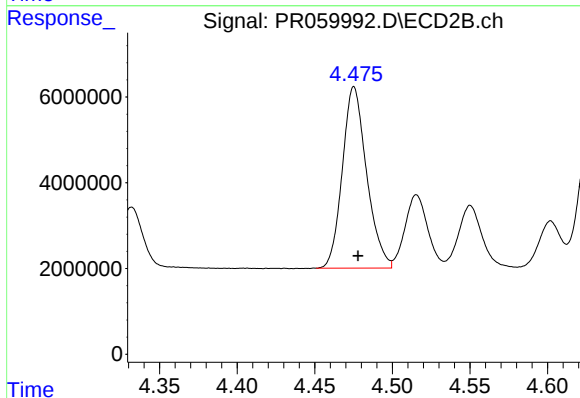
R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 41195300
Conc: 996.14 ng/ml



#15 AR-1232-5

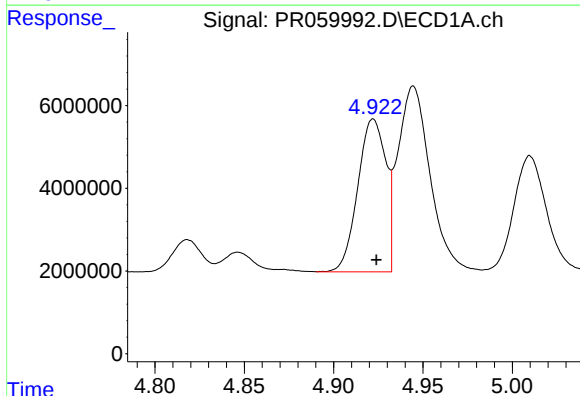
R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 22938243
Conc: 985.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



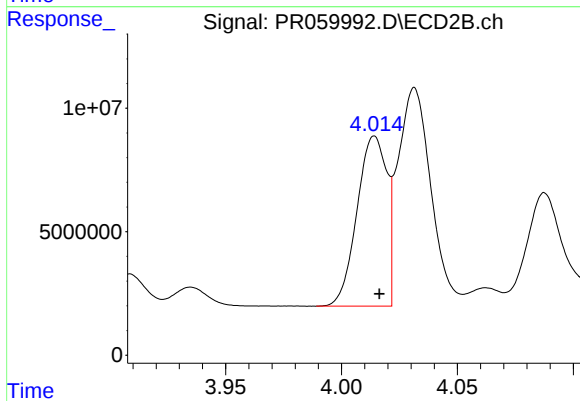
#15 AR-1232-5

R.T.: 4.475 min
Delta R.T.: -0.003 min
Response: 46059756
Conc: 991.21 ng/ml



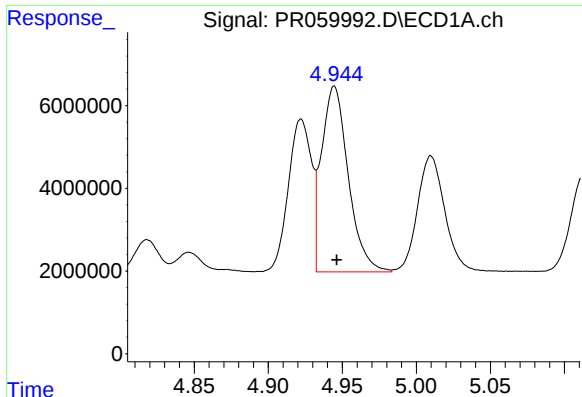
#16 AR-1242-1

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 40271273
Conc: 512.51 ng/ml



#16 AR-1242-1

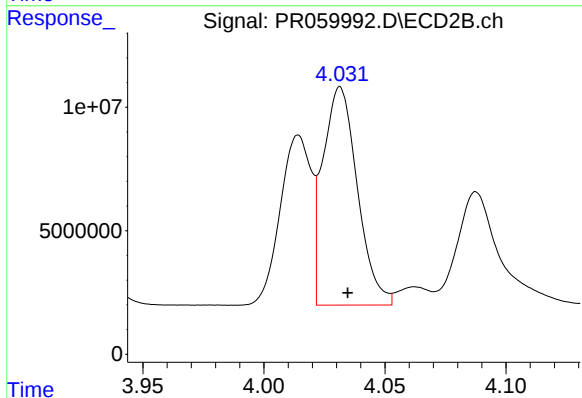
R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 61313581
Conc: 537.20 ng/ml



#17 AR-1242-2

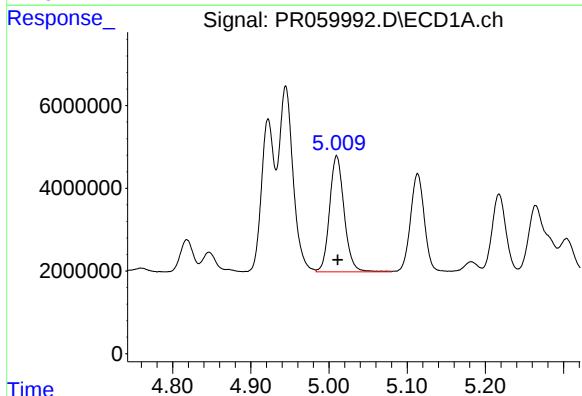
R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 56454534
Conc: 503.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



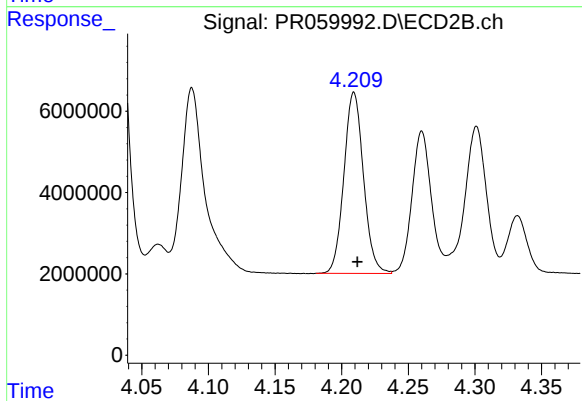
#17 AR-1242-2

R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 87834591
Conc: 524.97 ng/ml



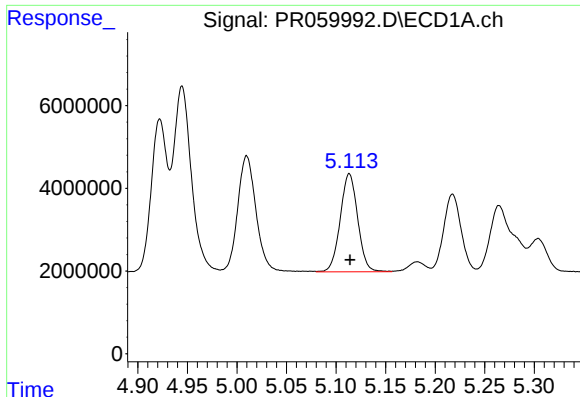
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 36320835
Conc: 499.99 ng/ml



#18 AR-1242-3

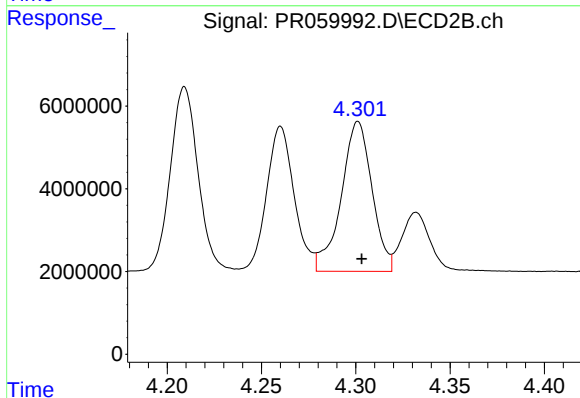
R.T.: 4.209 min
Delta R.T.: -0.003 min
Response: 45579492
Conc: 526.91 ng/ml



#19 AR-1242-4

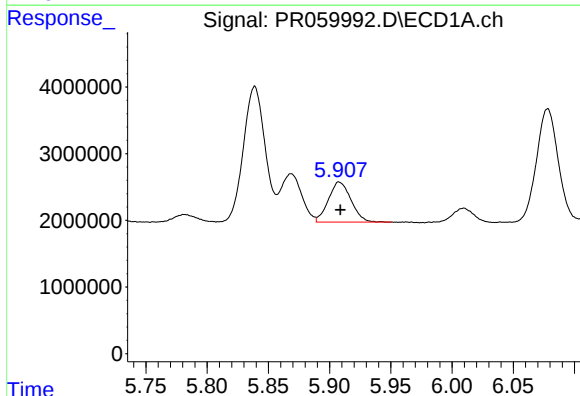
R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 29163156
Conc: 506.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



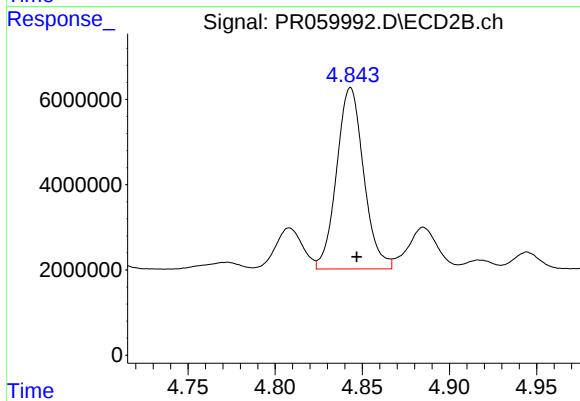
#19 AR-1242-4

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 41195300
Conc: 480.64 ng/ml



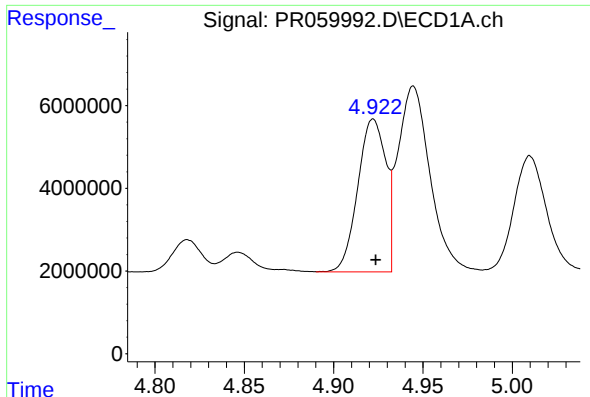
#20 AR-1242-5

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 7717176
Conc: 142.81 ng/ml



#20 AR-1242-5

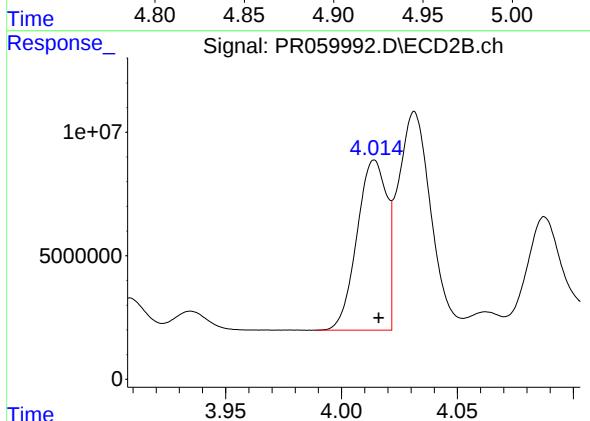
R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 46019546
Conc: 445.64 ng/ml



#21 AR-1248-1

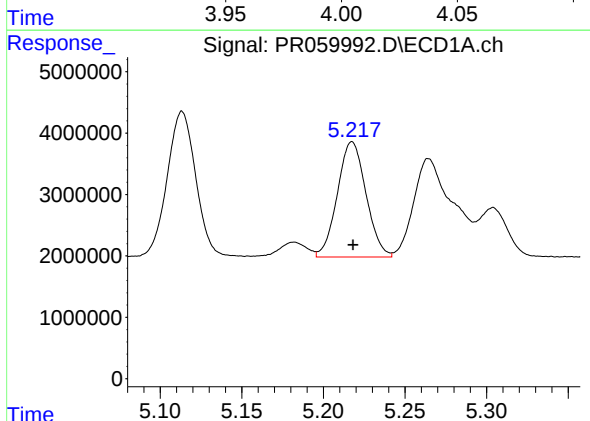
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 40271273
Conc: 664.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



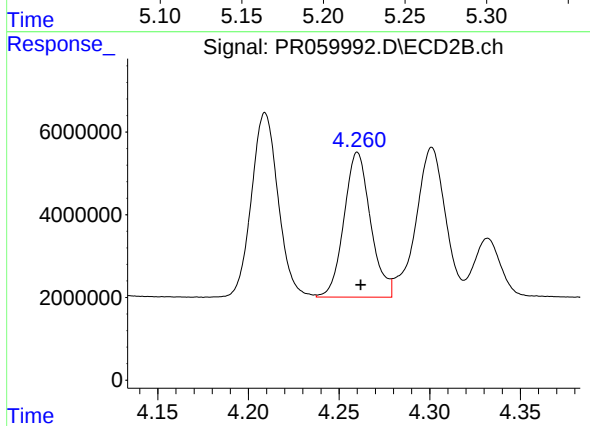
#21 AR-1248-1

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 61313581
Conc: 704.43 ng/ml



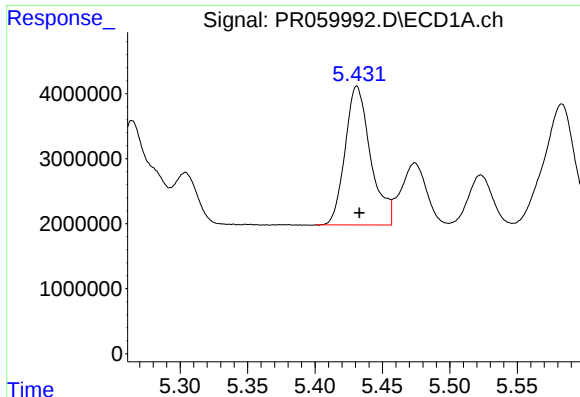
#22 AR-1248-2

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 22938243
Conc: 282.51 ng/ml



#22 AR-1248-2

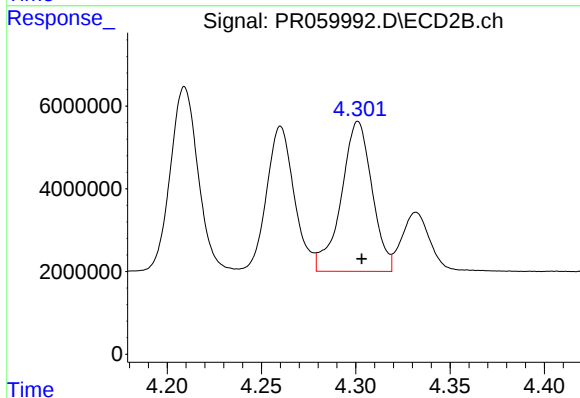
R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 35779096
Conc: 277.17 ng/ml



#23 AR-1248-3

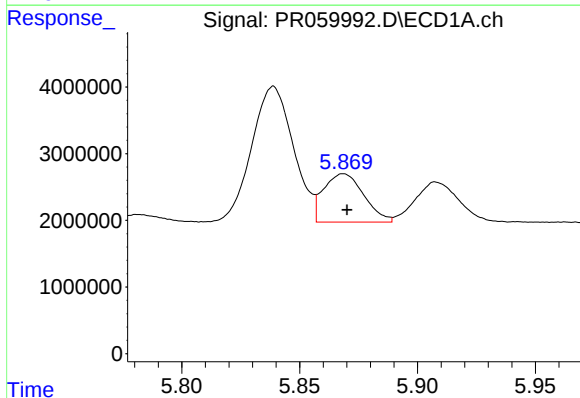
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 28073723
Conc: 298.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



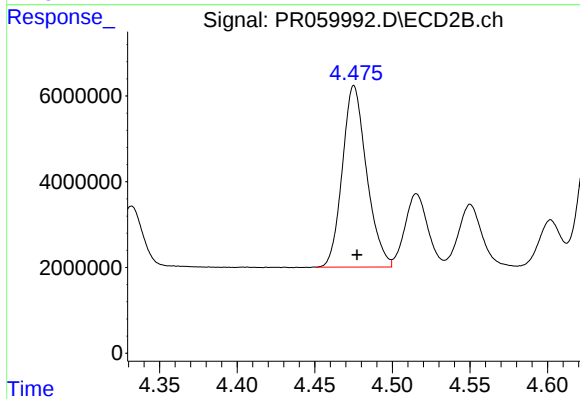
#23 AR-1248-3

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 41195300
Conc: 316.87 ng/ml



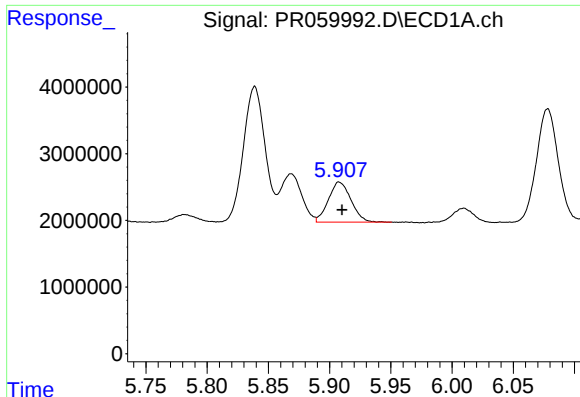
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 8586733
Conc: 89.34 ng/ml



#24 AR-1248-4

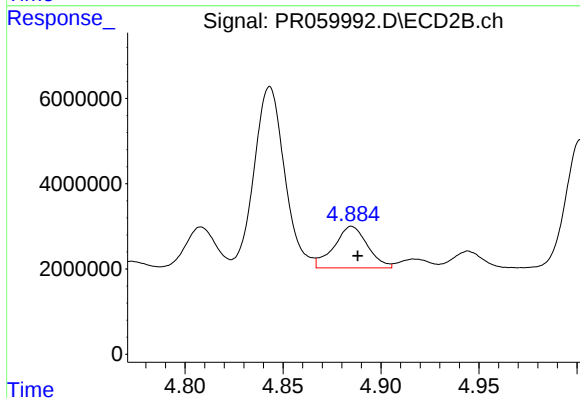
R.T.: 4.475 min
Delta R.T.: -0.002 min
Response: 46059756
Conc: 291.89 ng/ml



#25 AR-1248-5

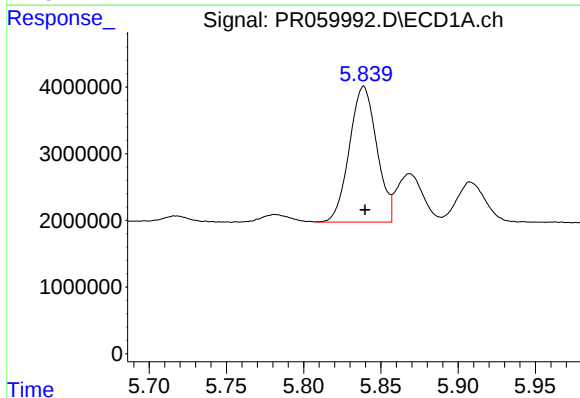
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 7717176
Conc: 83.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



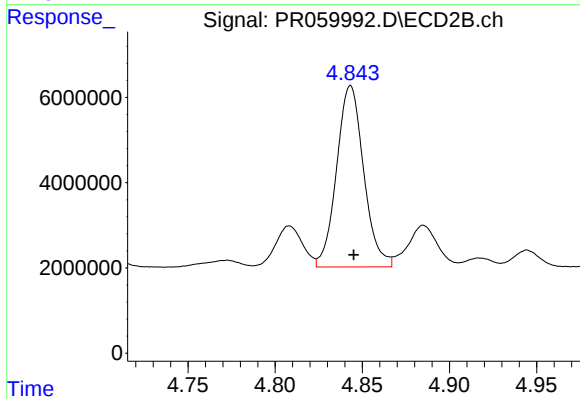
#25 AR-1248-5

R.T.: 4.885 min
Delta R.T.: -0.003 min
Response: 11602679
Conc: 81.43 ng/ml



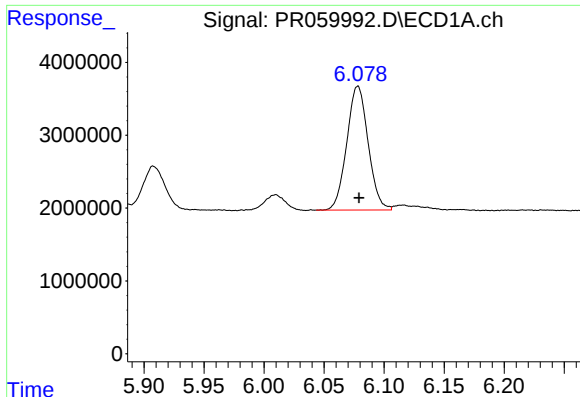
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 25097257
Conc: 250.38 ng/ml



#26 AR-1254-1

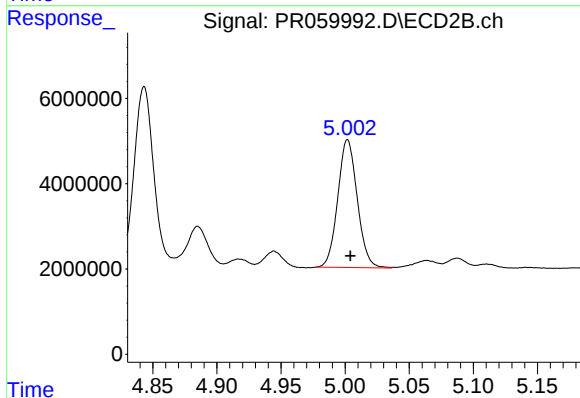
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 46019546
Conc: 197.89 ng/ml



#27 AR-1254-2

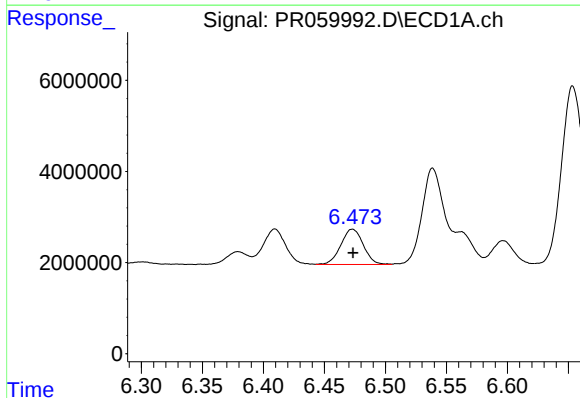
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 21069103
Conc: 138.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



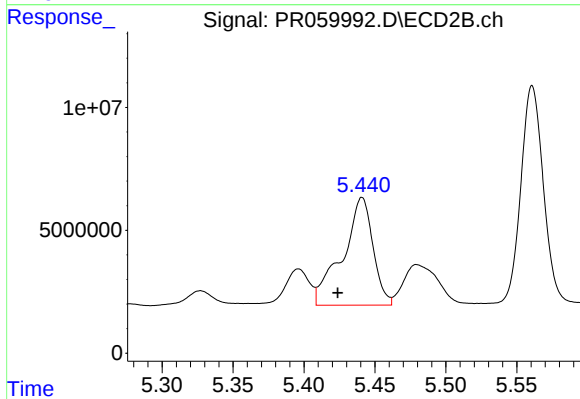
#27 AR-1254-2

R.T.: 5.002 min
Delta R.T.: -0.002 min
Response: 31674510
Conc: 157.76 ng/ml



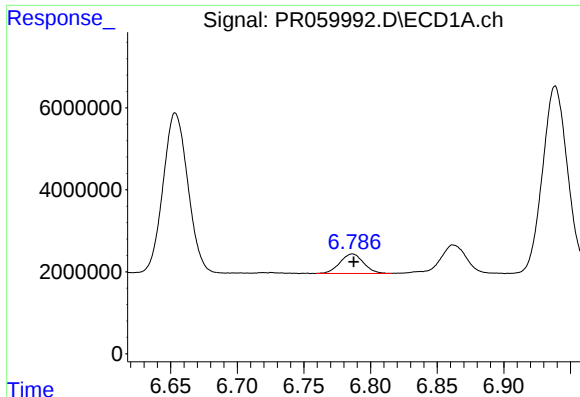
#28 AR-1254-3

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 9972602
Conc: 64.18 ng/ml



#28 AR-1254-3

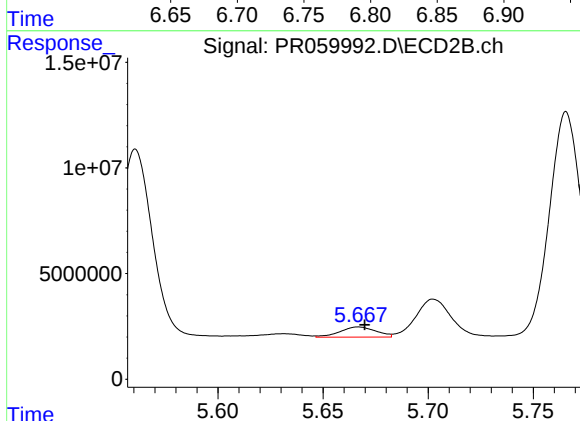
R.T.: 5.441 min
Delta R.T.: 0.017 min
Response: 65487015
Conc: 204.37 ng/ml



#29 AR-1254-4

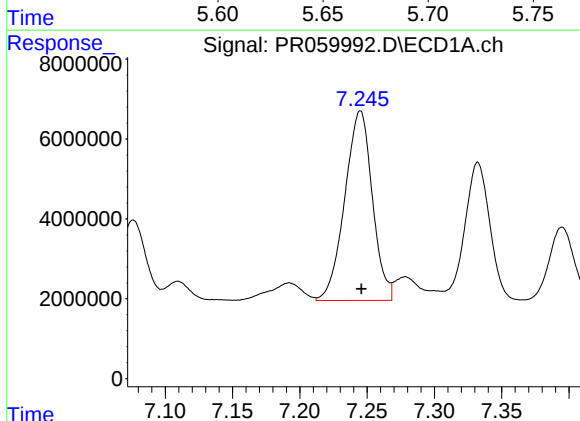
R.T.: 6.786 min
Delta R.T.: -0.001 min
Response: 5916956
Conc: 53.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



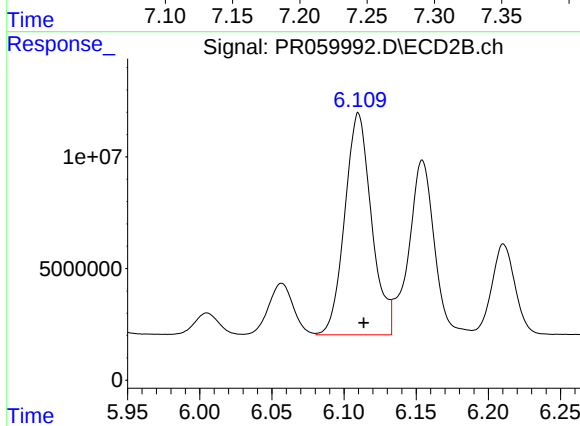
#29 AR-1254-4

R.T.: 5.667 min
Delta R.T.: -0.003 min
Response: 5774934
Conc: 32.20 ng/ml



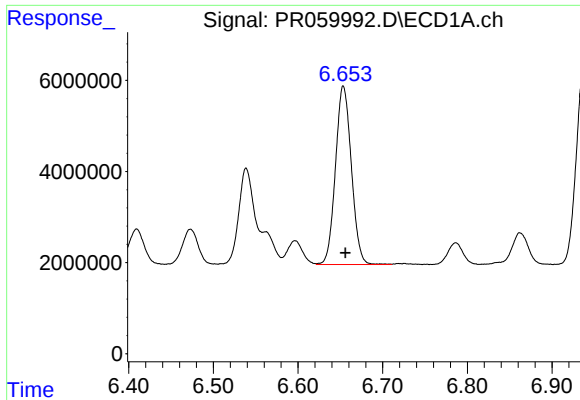
#30 AR-1254-5

R.T.: 7.245 min
Delta R.T.: 0.000 min
Response: 67631651
Conc: 551.28 ng/ml



#30 AR-1254-5

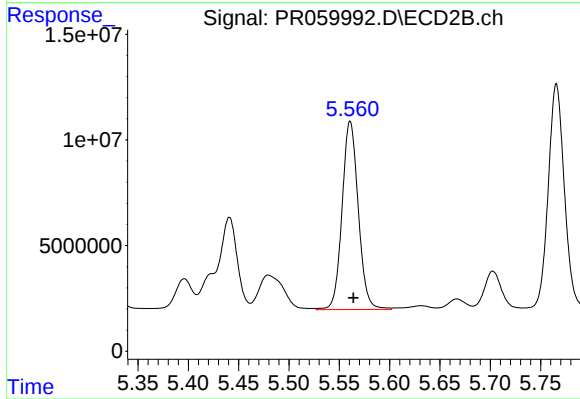
R.T.: 6.110 min
Delta R.T.: -0.004 min
Response: 128312709
Conc: 464.01 ng/ml



#31 AR-1260-1

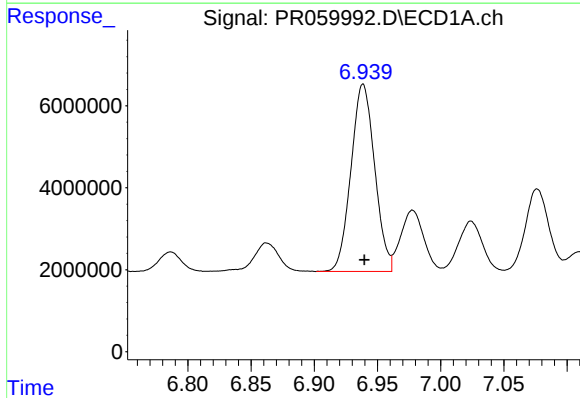
R.T.: 6.654 min
Delta R.T.: -0.003 min
Response: 51146482
Conc: 415.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



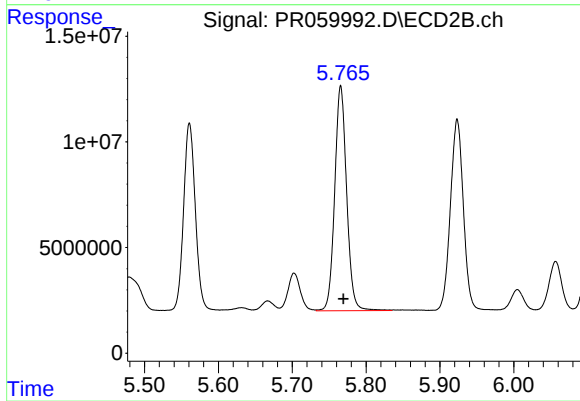
#31 AR-1260-1

R.T.: 5.561 min
Delta R.T.: -0.003 min
Response: 99795222
Conc: 436.37 ng/ml



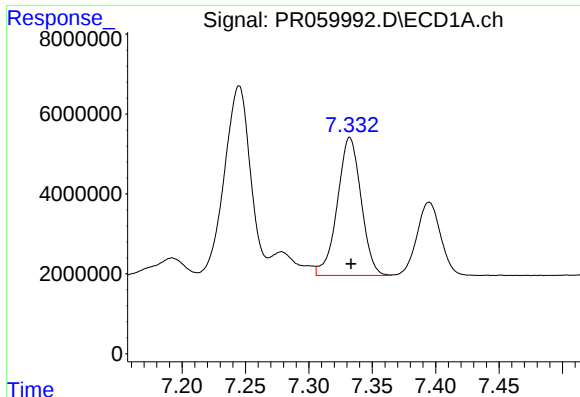
#32 AR-1260-2

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 59605661
Conc: 424.27 ng/ml



#32 AR-1260-2

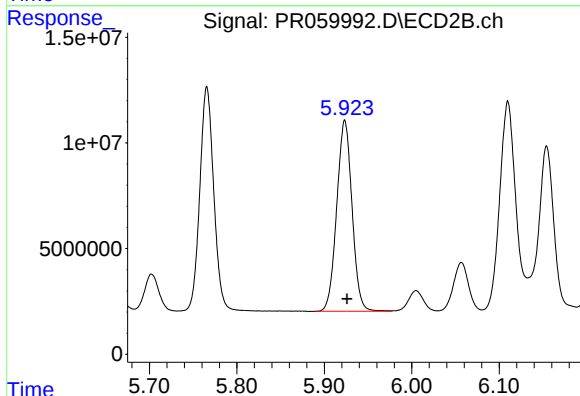
R.T.: 5.766 min
Delta R.T.: -0.003 min
Response: 119721650
Conc: 445.08 ng/ml



#33 AR-1260-3

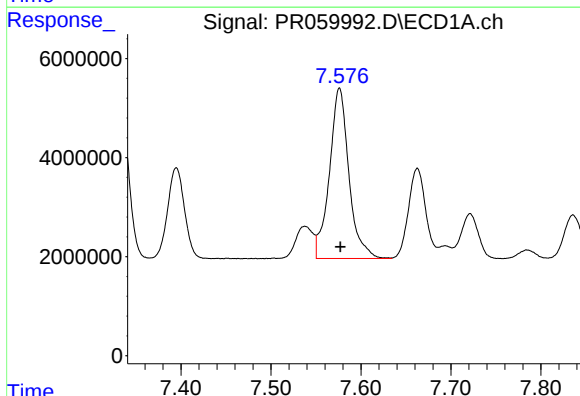
R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 45061850
Conc: 416.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



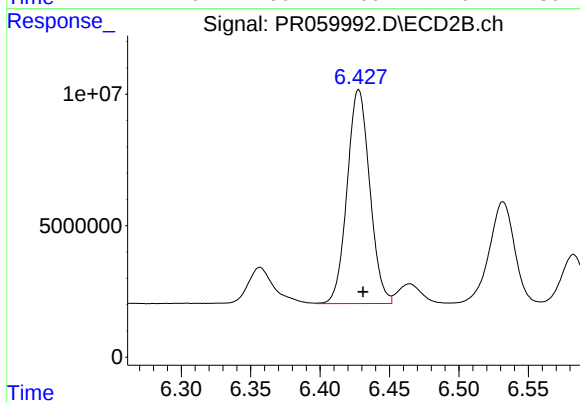
#33 AR-1260-3

R.T.: 5.924 min
Delta R.T.: -0.003 min
Response: 109984136
Conc: 434.19 ng/ml



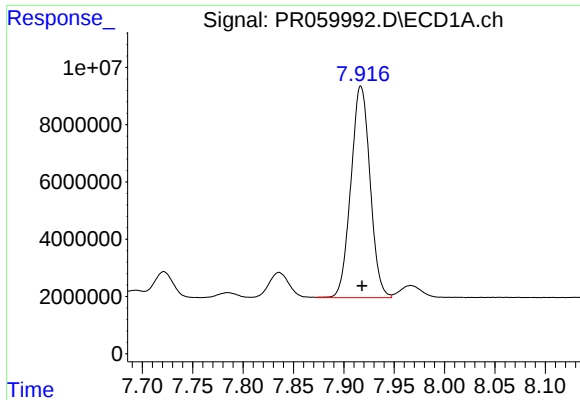
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 51820950
Conc: 420.09 ng/ml



#34 AR-1260-4

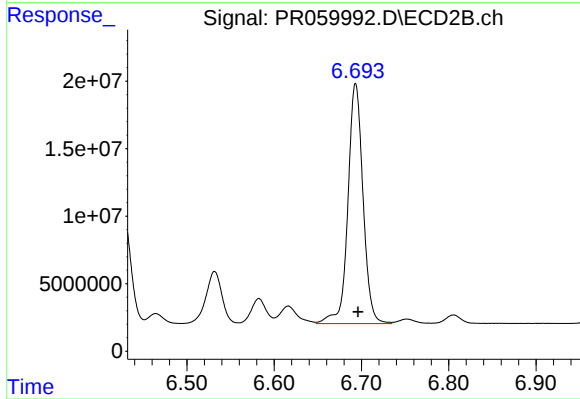
R.T.: 6.428 min
Delta R.T.: -0.003 min
Response: 92286172
Conc: 438.76 ng/ml



#35 AR-1260-5

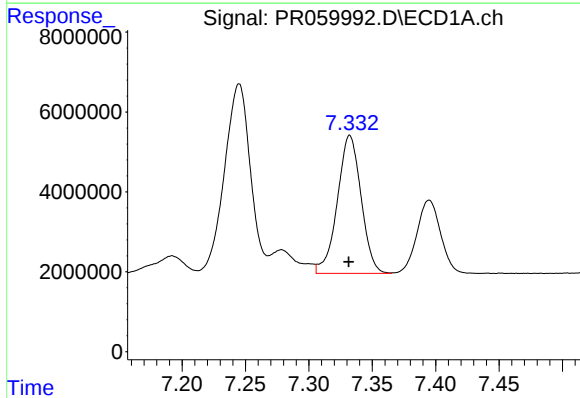
R.T.: 7.917 min
Delta R.T.: -0.001 min
Response: 97897744
Conc: 425.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



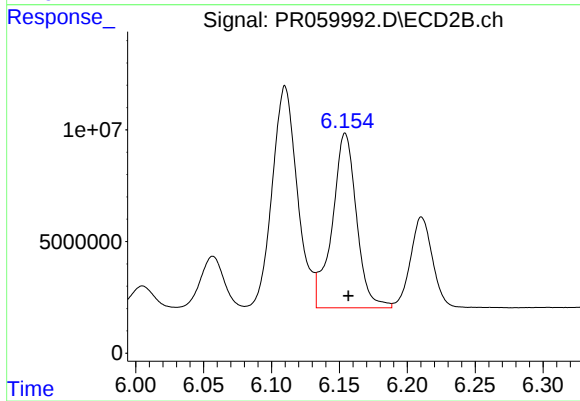
#35 AR-1260-5

R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 213974202
Conc: 450.18 ng/ml



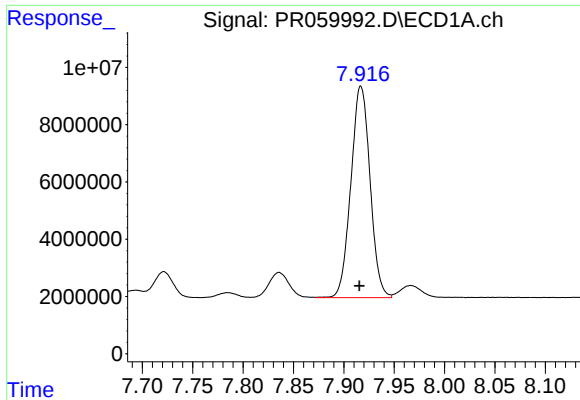
#36 AR-1262-1

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 45061850
Conc: 293.40 ng/ml



#36 AR-1262-1

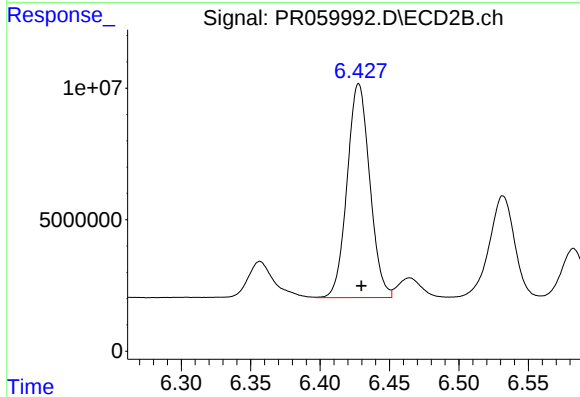
R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 97400337
Conc: 318.70 ng/ml



#37 AR-1262-2

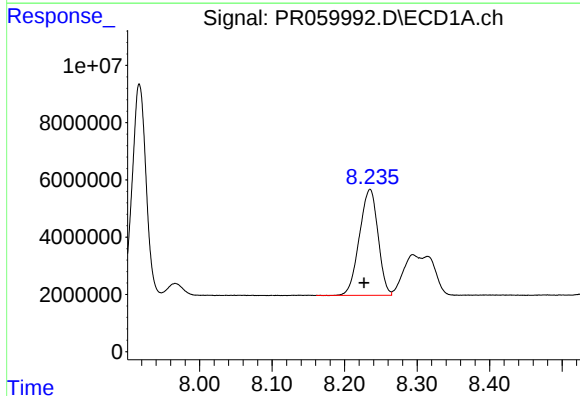
R.T.: 7.917 min
Delta R.T.: 0.002 min
Response: 97897744
Conc: 377.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



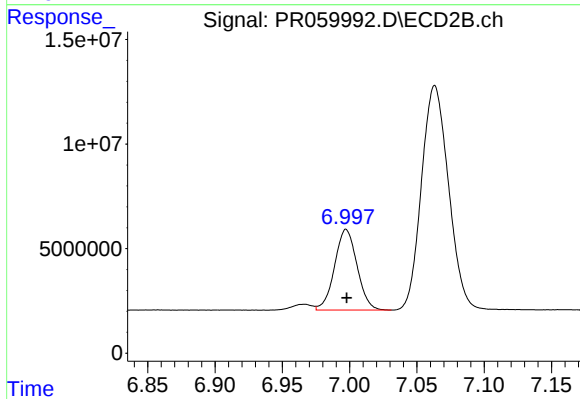
#37 AR-1262-2

R.T.: 6.428 min
Delta R.T.: -0.002 min
Response: 92286172
Conc: 339.46 ng/ml



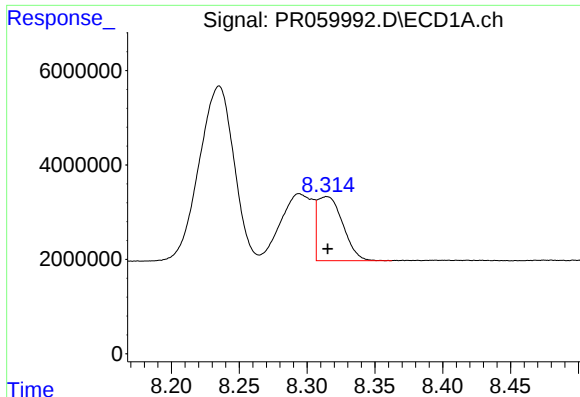
#38 AR-1262-3

R.T.: 8.235 min
Delta R.T.: 0.008 min
Response: 65981222
Conc: 351.28 ng/ml



#38 AR-1262-3

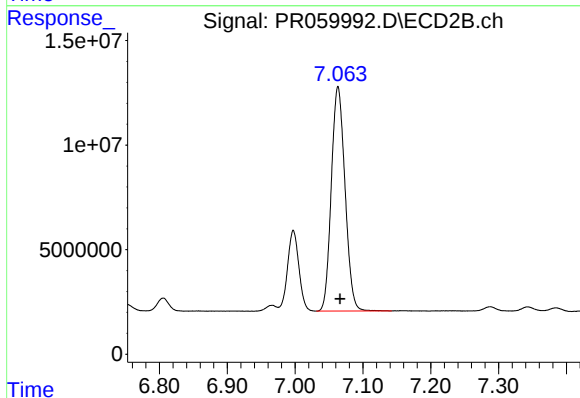
R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 44951404
Conc: 219.19 ng/ml



#39 AR-1262-4

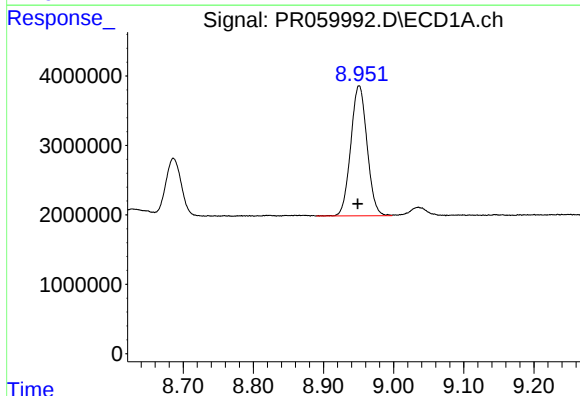
R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 17631656
Conc: 121.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



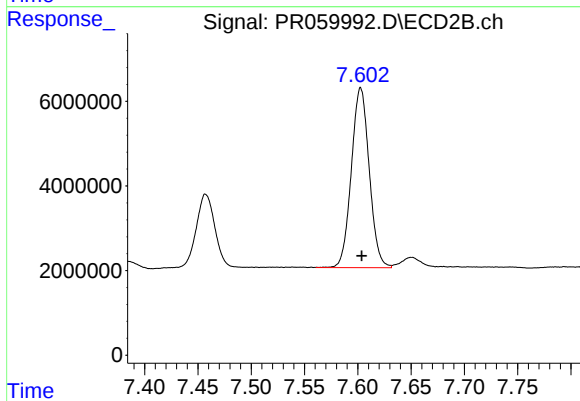
#39 AR-1262-4

R.T.: 7.063 min
Delta R.T.: -0.003 min
Response: 150489886
Conc: 392.64 ng/ml



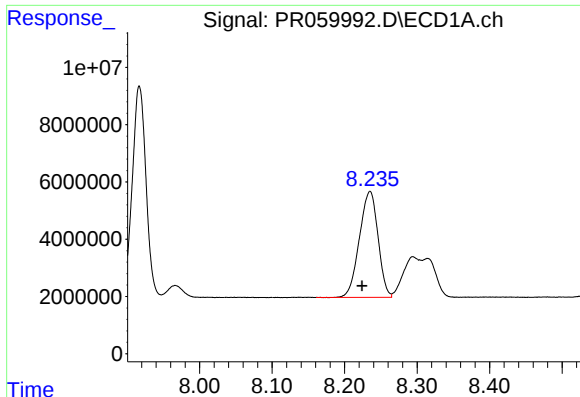
#40 AR-1262-5

R.T.: 8.951 min
Delta R.T.: 0.002 min
Response: 30244306
Conc: 287.45 ng/ml



#40 AR-1262-5

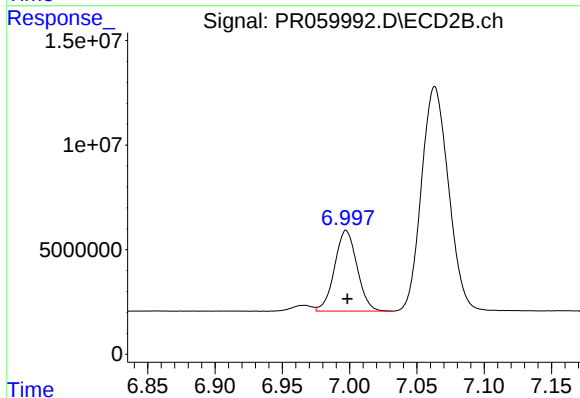
R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 49640622
Conc: 293.34 ng/ml



#41 AR-1268-1

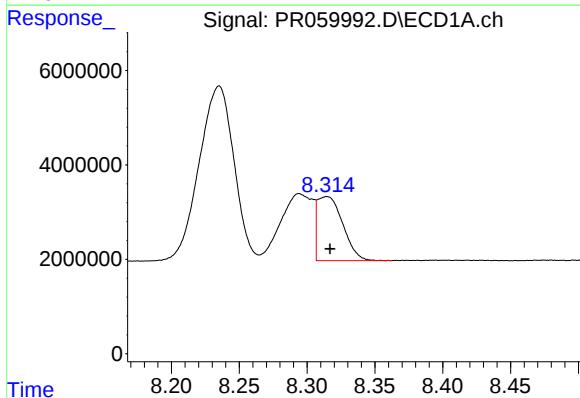
R.T.: 8.235 min
Delta R.T.: 0.011 min
Response: 65981222
Conc: 149.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



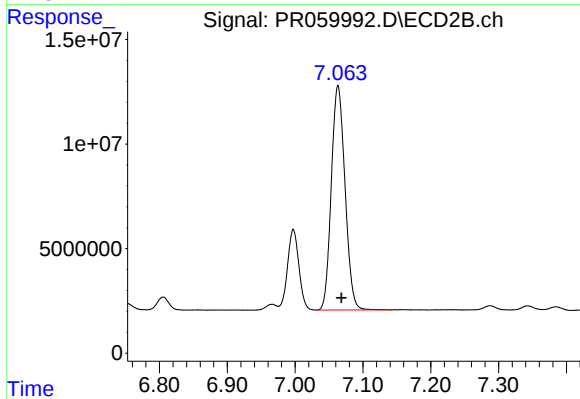
#41 AR-1268-1

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 44951404
Conc: 51.16 ng/ml



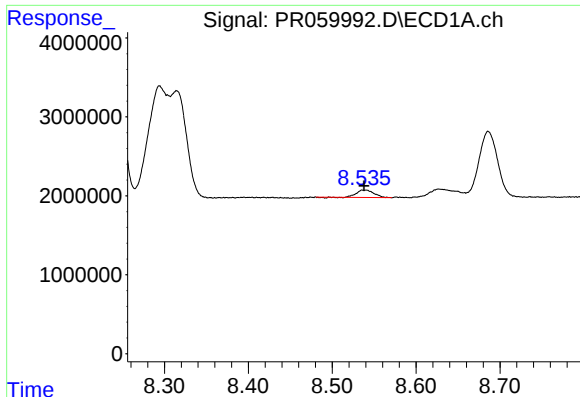
#42 AR-1268-2

R.T.: 8.315 min
Delta R.T.: -0.003 min
Response: 17631656
Conc: 44.09 ng/ml



#42 AR-1268-2

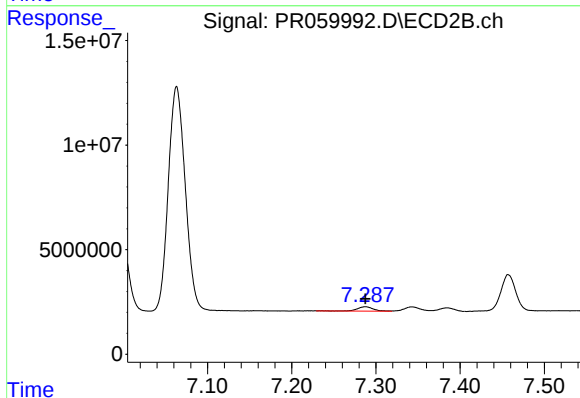
R.T.: 7.063 min
Delta R.T.: -0.005 min
Response: 150489886
Conc: 190.80 ng/ml



#43 AR-1268-3

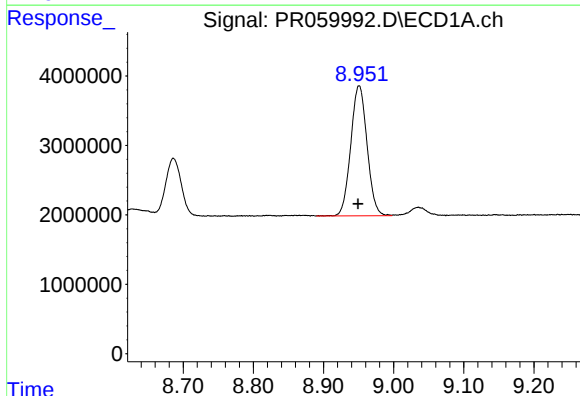
R.T.: 8.540 min
Delta R.T.: 0.002 min
Response: 1310720
Conc: 3.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



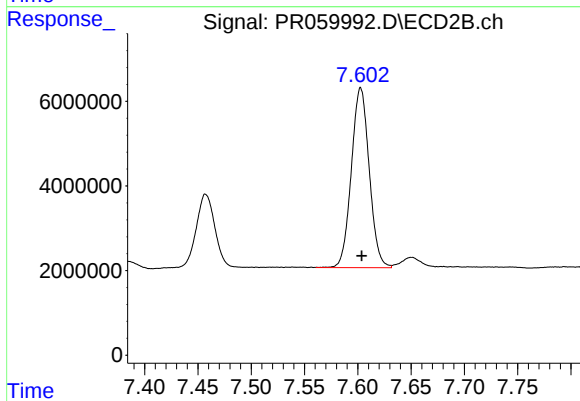
#43 AR-1268-3

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 2585404
Conc: 3.72 ng/ml



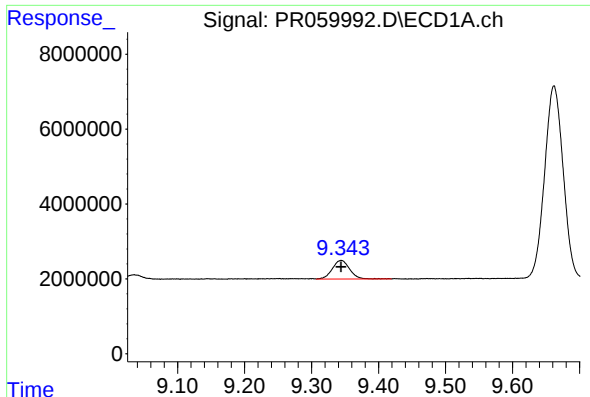
#44 AR-1268-4

R.T.: 8.951 min
Delta R.T.: 0.001 min
Response: 30244306
Conc: 191.78 ng/ml



#44 AR-1268-4

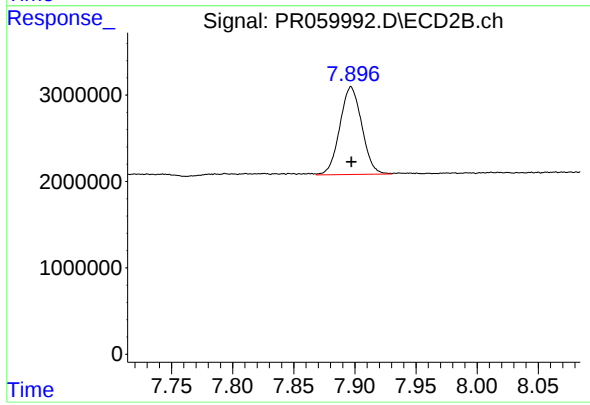
R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 49640622
Conc: 187.30 ng/ml



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 8845337
Conc: 7.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 12705282
Conc: 6.06 ng/ml