

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022223\
 Data File : PR059668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2023 09:14
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:13:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012723CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 27 08:44:40 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...	3.691	2.906	60287592	86278123	22.224	21.698
2)	SA Decachlor...	9.663	8.140	93730402	144.3E6	44.815	45.226
Target Compounds							
3)	L1 AR-1016-1	4.925	4.017	23402395	35174375	270.177	253.338
4)	L1 AR-1016-2	4.948	4.034	27621814	36038845	232.386	187.052
5)	L1 AR-1016-3	5.012	4.212	14342260	23543348	187.518	231.906
6)	L1 AR-1016-4	5.114	4.263	15525880	49239491	249.542	641.117 #
7)	L1 AR-1016-5	5.434	4.478	35860766	60263157	583.401	586.432
8)	L2 AR-1221-1	3.910	3.126	374629	428836	11.060	9.671
9)	L2 AR-1221-2	4.005	3.208	1448701	1721936	60.368	54.520
10)	L2 AR-1221-3	4.082	3.292	2570581	3241736	34.404	29.934
11)	L3 AR-1232-1	4.082	3.292	2570581	3241736	39.890	35.860
12)	L3 AR-1232-2	4.637	4.034	10864168	36038845	364.422	418.043
13)	L3 AR-1232-3	4.948	4.212	27621814	23543348	491.009	533.599
14)	L3 AR-1232-4	5.114	4.304	15525880	49994395	536.918	1307.851 #
15)	L3 AR-1232-5	5.220	4.478	30787253	60263157	1454.300	1354.101
16)	L4 AR-1242-1	4.925	4.017	23402395	35174375	317.366	306.153
17)	L4 AR-1242-2	4.948	4.034	27621814	36038845	273.228	225.717
18)	L4 AR-1242-3	5.012	4.212	14342260	23543348	219.765	279.562 #
19)	L4 AR-1242-4	5.114	4.304	15525880	49994395	291.015	627.471 #
20)	L4 AR-1242-5	5.910	4.847	37350614	87202046	694.802	843.597
21)	L5 AR-1248-1	4.925	4.017	23402395	35174375	415.963	405.087
22)	L5 AR-1248-2	5.220	4.263	30787253	49239491	422.309	419.965
23)	L5 AR-1248-3	5.434	4.304	35860766	49994395	417.595	416.317
24)	L5 AR-1248-4	5.871	4.478	36713968	60263157	385.800	409.203
25)	L5 AR-1248-5	5.910	4.888	37350614	60330208	405.048	408.508
26)	L6 AR-1254-1	5.840	4.847	31148888	87202046	329.759	387.094
27)	L6 AR-1254-2	6.079	5.005	38784413	22940742	265.659	119.274 #
28)	L6 AR-1254-3	6.474	5.425	21702521	39394881	140.638	125.405
29)	L6 AR-1254-4	6.789	5.671	14350954	25844423	124.080	133.417
30)	L6 AR-1254-5	7.246	6.114	3896544	8351963	31.461	30.986
31)	L7 AR-1260-1	6.657	5.573	2882666	19275698	24.618	90.210 #
32)	L7 AR-1260-2	6.940	5.769	2030988	3757618	14.636	14.612
33)	L7 AR-1260-3	7.310	5.923	807206	4700885	7.817	19.950 #
34)	L7 AR-1260-4	7.559	6.431	1841181	667323	15.718	3.454 #
35)	L7 AR-1260-5	7.917	6.696	768389	1410282	3.381	3.146
36)	L8 AR-1262-1	7.310	6.183	807206	983686	5.351	3.405 #
37)	L8 AR-1262-2	7.917	6.431	768389	667323	2.939	2.616
38)	L8 AR-1262-3	8.236	7.002	699166	595622	3.823	3.107
39)	L8 AR-1262-4	8.289	7.064	460799	1303878	5.249	3.581 #
40)	L8 AR-1262-5	8.957	7.603	259093	637087	2.595	3.952 #
41)	L9 AR-1268-1	8.236	7.002	699166	595622	1.638	0.738 #

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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	8.289f	7.064	460799	1303878	1.193	1.782 #
43) L9	AR-1268-3	8.545	7.291	170050	611035	0.505	0.975 #
44) L9	AR-1268-4	8.957	7.603	259093	637087	1.747	2.561 #
45) L9	AR-1268-5	9.348	7.899	1033972	1061849	0.955	0.545 #

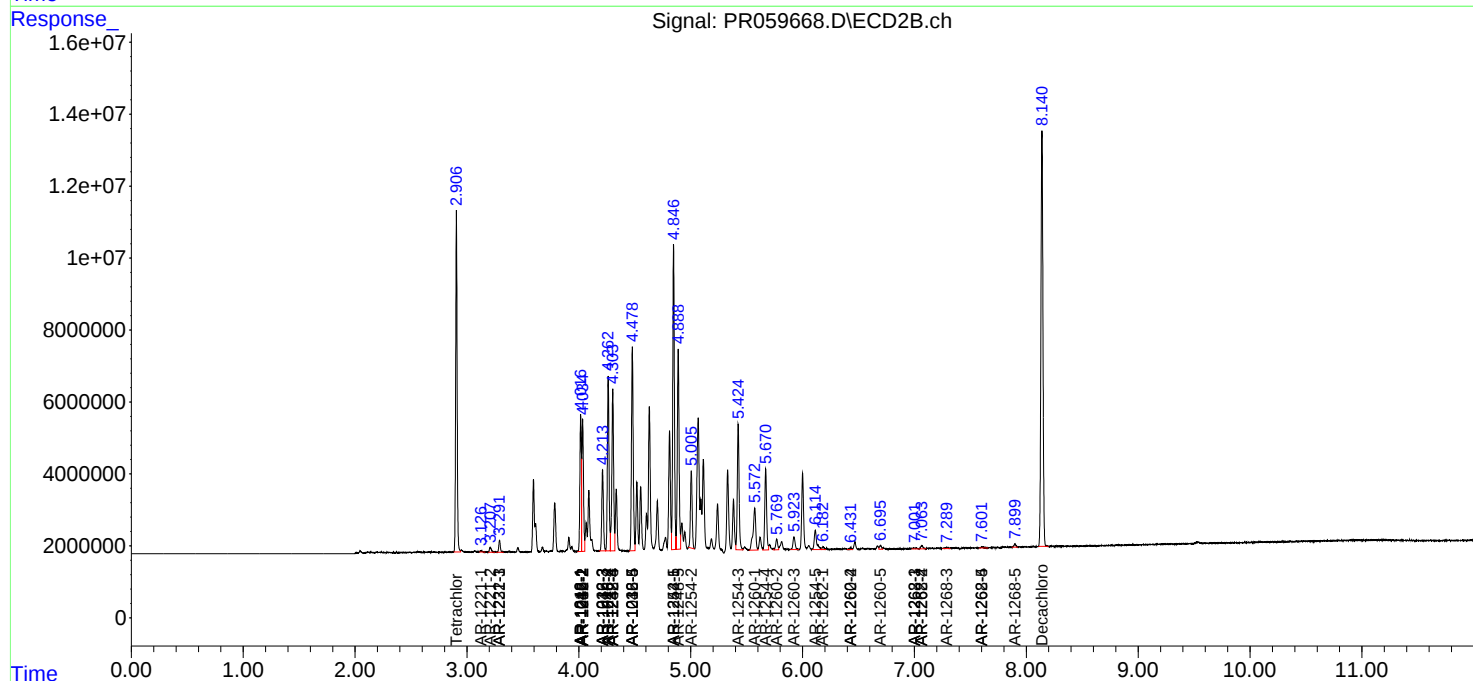
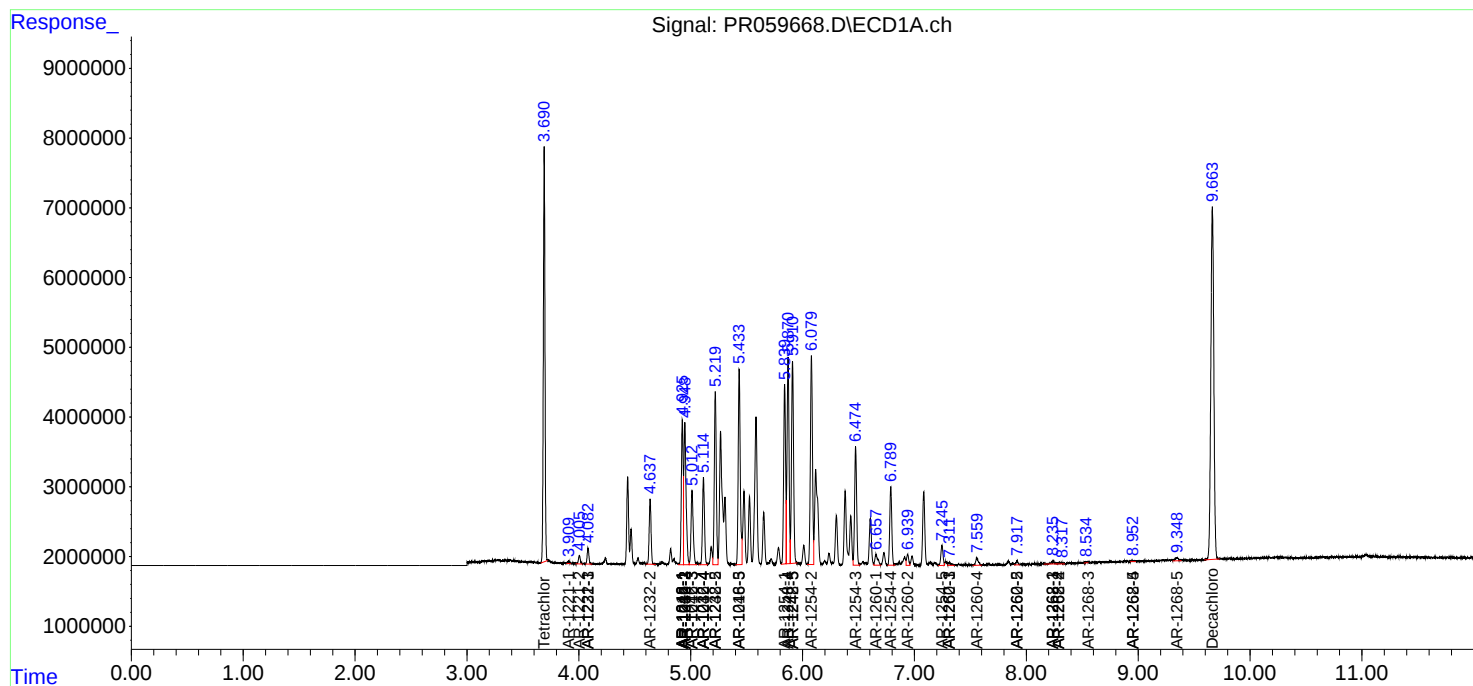
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

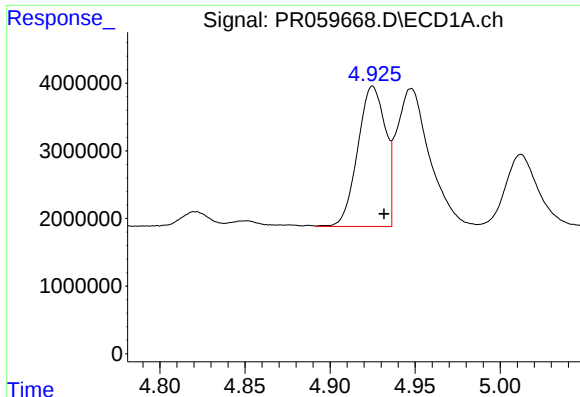
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022223\
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ALS Vial : 5 Sample Multiplier: 1

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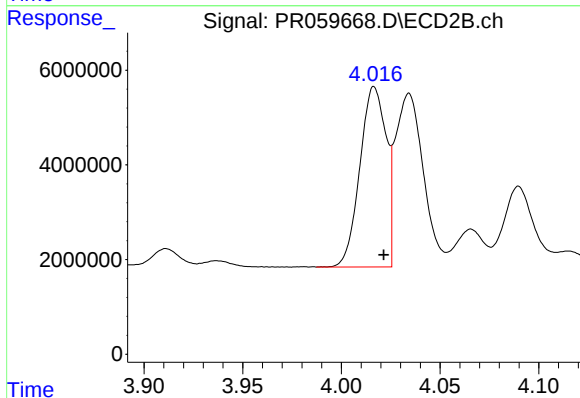




#3 AR-1016-1

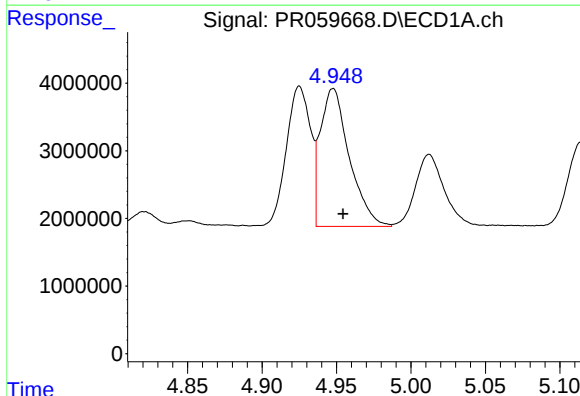
R.T.: 4.925 min
Delta R.T.: -0.007 min
Response: 23402395
Conc: 270.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



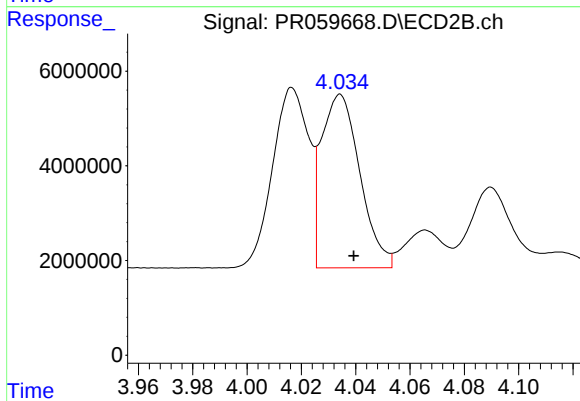
#3 AR-1016-1

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 35174375
Conc: 253.34 ng/ml



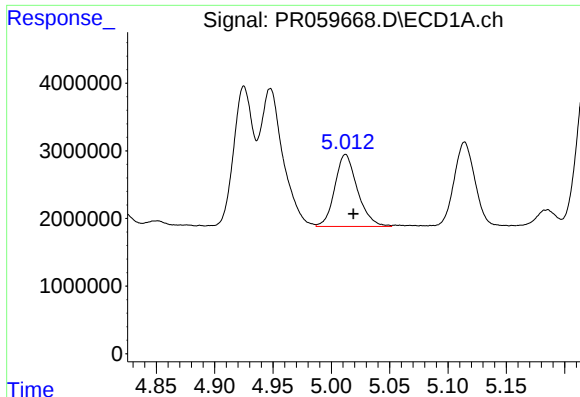
#4 AR-1016-2

R.T.: 4.948 min
Delta R.T.: -0.007 min
Response: 27621814
Conc: 232.39 ng/ml



#4 AR-1016-2

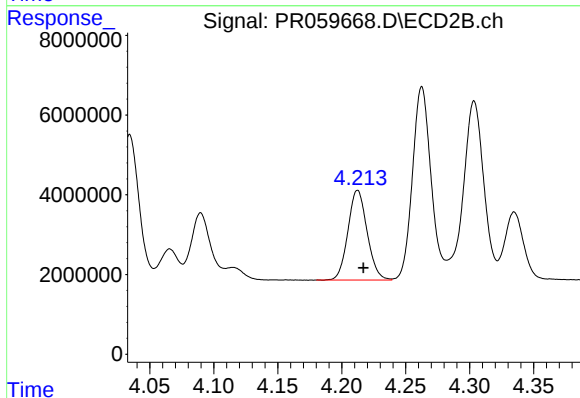
R.T.: 4.034 min
Delta R.T.: -0.005 min
Response: 36038845
Conc: 187.05 ng/ml



#5 AR-1016-3

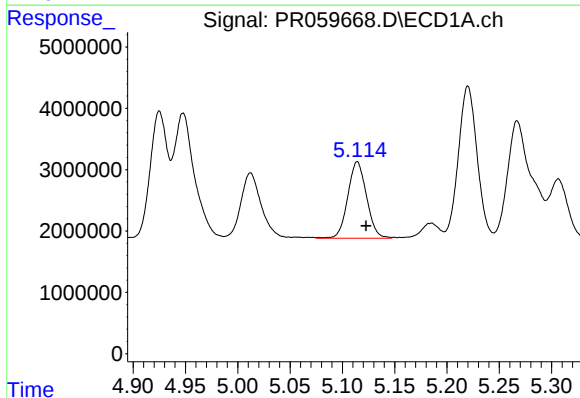
R.T.: 5.012 min
Delta R.T.: -0.006 min
Response: 14342260
Conc: 187.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



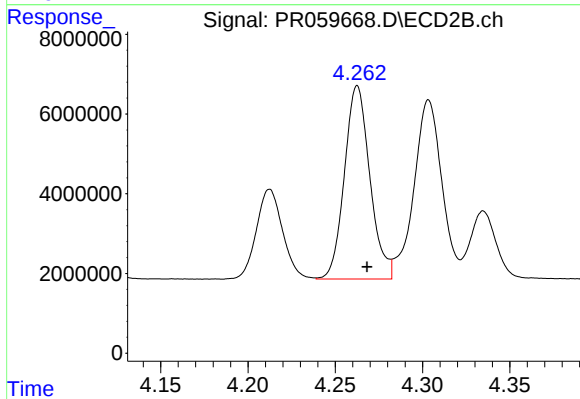
#5 AR-1016-3

R.T.: 4.212 min
Delta R.T.: -0.005 min
Response: 23543348
Conc: 231.91 ng/ml



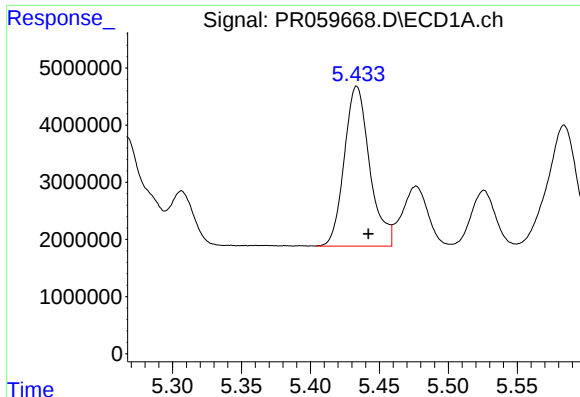
#6 AR-1016-4

R.T.: 5.114 min
Delta R.T.: -0.008 min
Response: 15525880
Conc: 249.54 ng/ml



#6 AR-1016-4

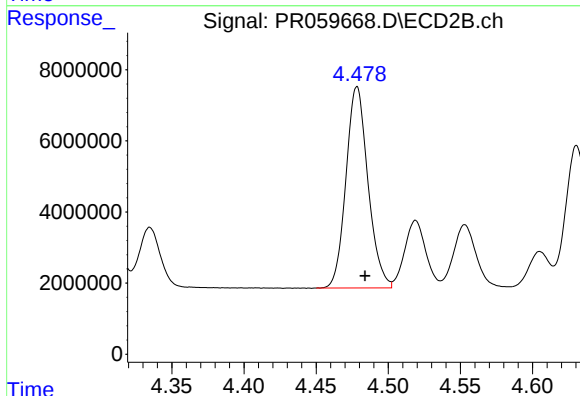
R.T.: 4.263 min
Delta R.T.: -0.006 min
Response: 49239491
Conc: 641.12 ng/ml



#7 AR-1016-5

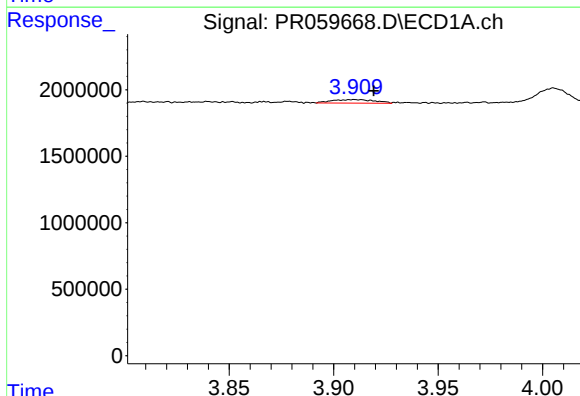
R.T.: 5.434 min
Delta R.T.: -0.008 min
Response: 35860766
Conc: 583.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



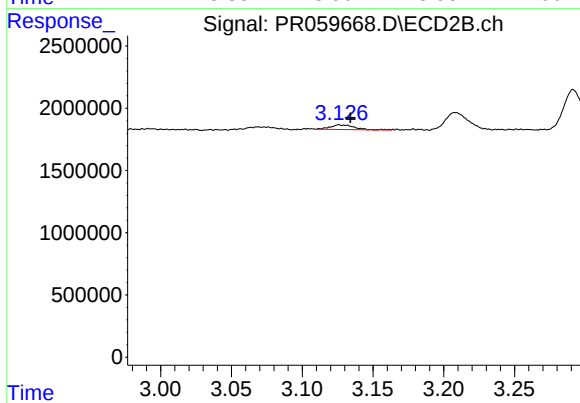
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: -0.005 min
Response: 60263157
Conc: 586.43 ng/ml



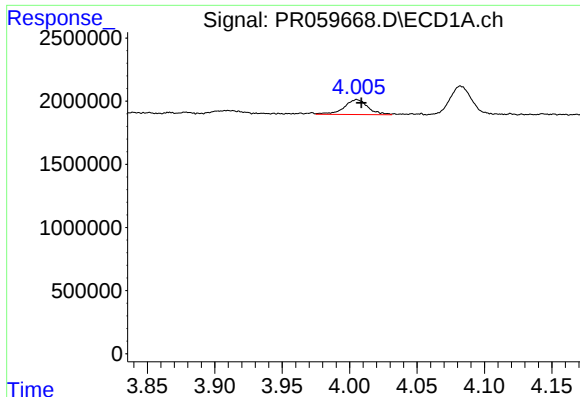
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: -0.009 min
Response: 374629
Conc: 11.06 ng/ml



#8 AR-1221-1

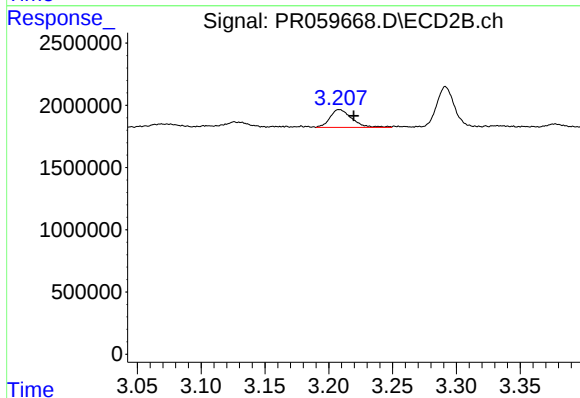
R.T.: 3.126 min
Delta R.T.: -0.008 min
Response: 428836
Conc: 9.67 ng/ml



#9 AR-1221-2

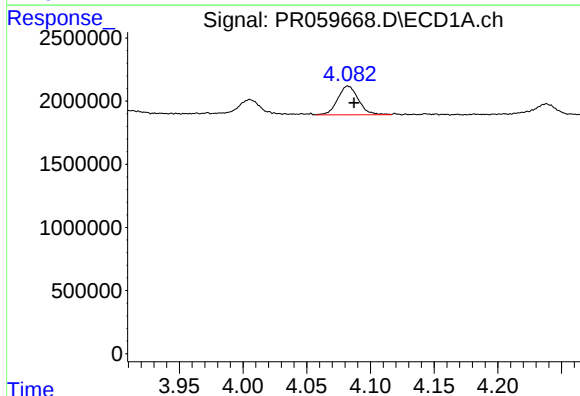
R.T.: 4.005 min
Delta R.T.: -0.004 min
Response: 1448701
Conc: 60.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



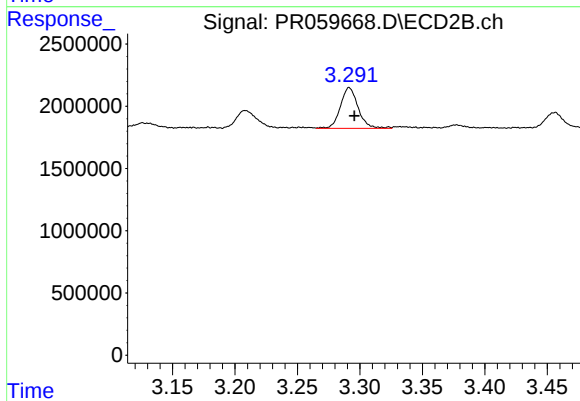
#9 AR-1221-2

R.T.: 3.208 min
Delta R.T.: -0.011 min
Response: 1721936
Conc: 54.52 ng/ml



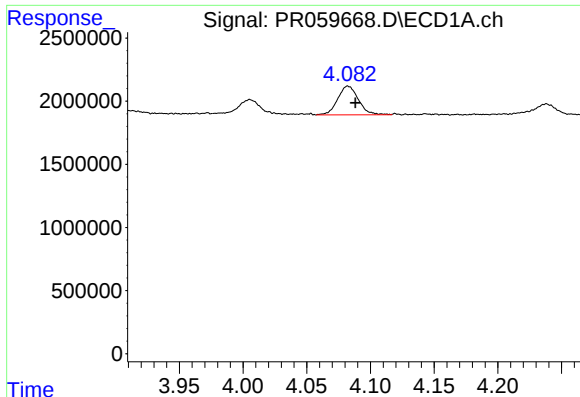
#10 AR-1221-3

R.T.: 4.082 min
Delta R.T.: -0.005 min
Response: 2570581
Conc: 34.40 ng/ml



#10 AR-1221-3

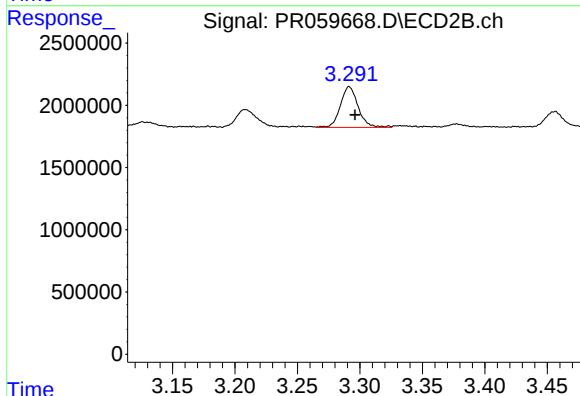
R.T.: 3.292 min
Delta R.T.: -0.004 min
Response: 3241736
Conc: 29.93 ng/ml



#11 AR-1232-1

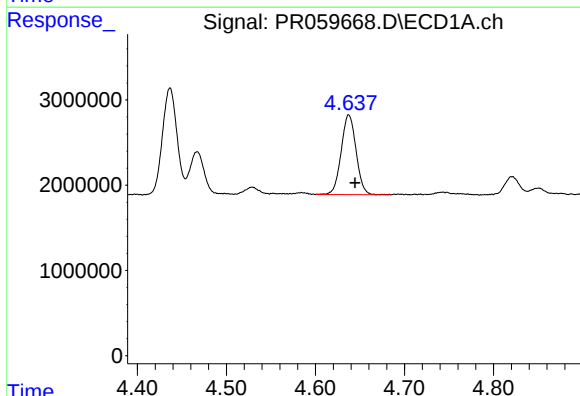
R.T.: 4.082 min
Delta R.T.: -0.006 min
Response: 2570581
Conc: 39.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



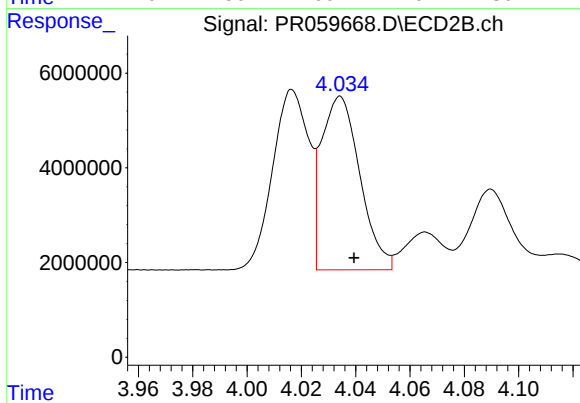
#11 AR-1232-1

R.T.: 3.292 min
Delta R.T.: -0.005 min
Response: 3241736
Conc: 35.86 ng/ml



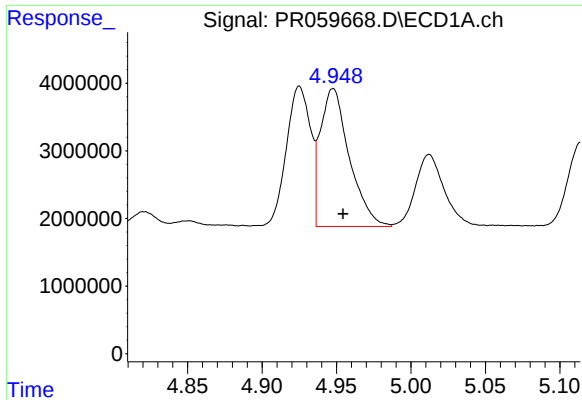
#12 AR-1232-2

R.T.: 4.637 min
Delta R.T.: -0.007 min
Response: 10864168
Conc: 364.42 ng/ml



#12 AR-1232-2

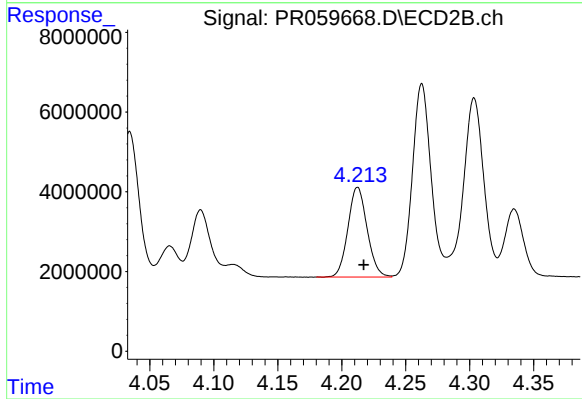
R.T.: 4.034 min
Delta R.T.: -0.005 min
Response: 36038845
Conc: 418.04 ng/ml



#13 AR-1232-3

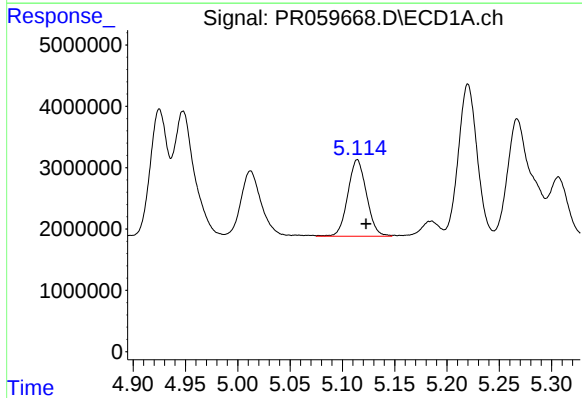
R.T.: 4.948 min
Delta R.T.: -0.006 min
Response: 27621814
Conc: 491.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



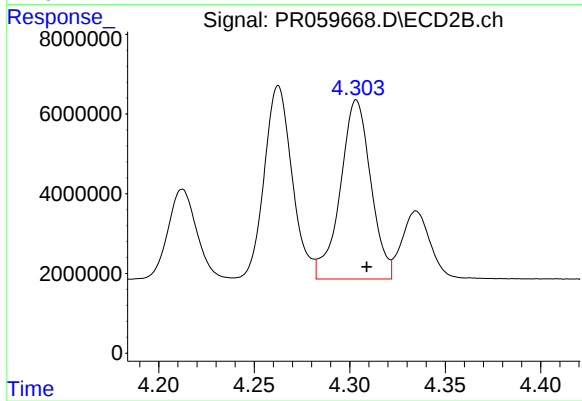
#13 AR-1232-3

R.T.: 4.212 min
Delta R.T.: -0.005 min
Response: 23543348
Conc: 533.60 ng/ml



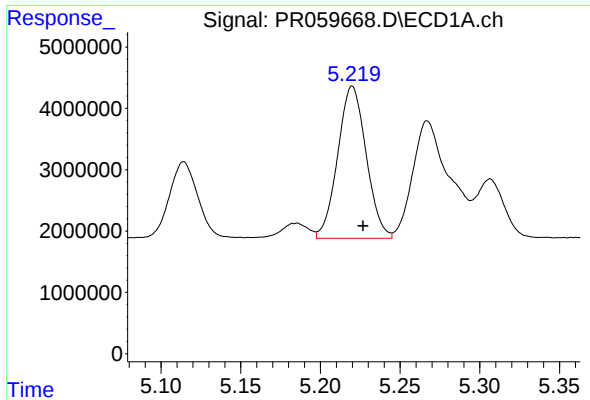
#14 AR-1232-4

R.T.: 5.114 min
Delta R.T.: -0.008 min
Response: 15525880
Conc: 536.92 ng/ml



#14 AR-1232-4

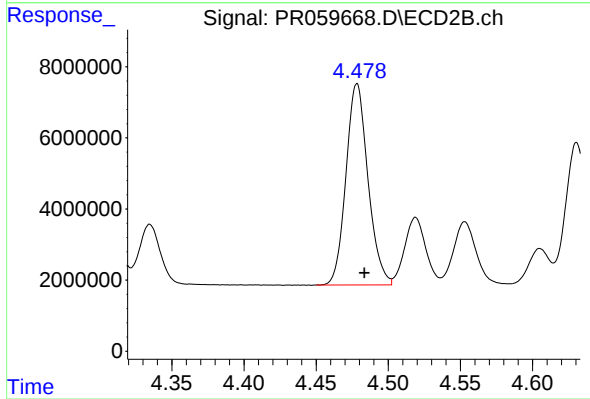
R.T.: 4.304 min
Delta R.T.: -0.005 min
Response: 49994395
Conc: 1307.85 ng/ml



#15 AR-1232-5

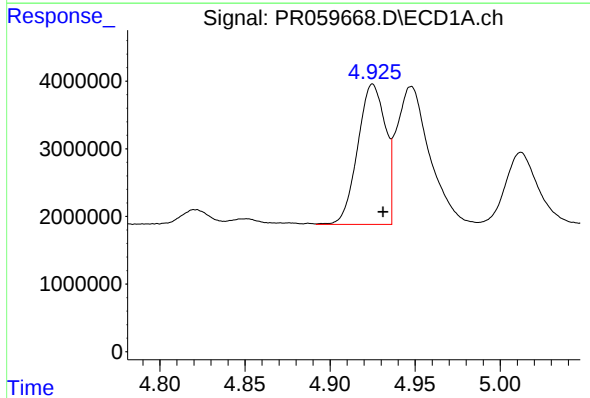
R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 30787253
Conc: 1454.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



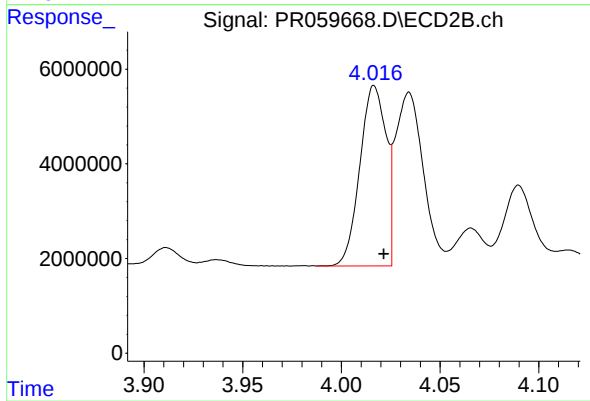
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: -0.005 min
Response: 60263157
Conc: 1354.10 ng/ml



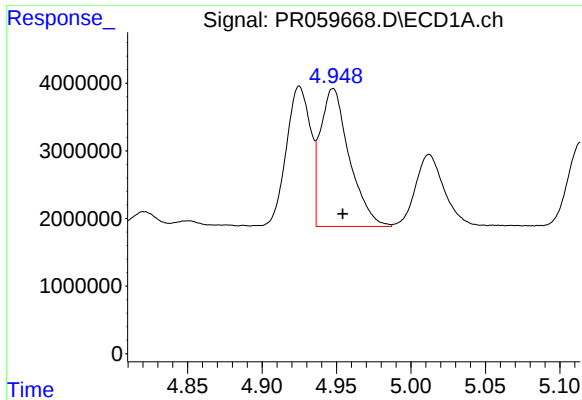
#16 AR-1242-1

R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 23402395
Conc: 317.37 ng/ml



#16 AR-1242-1

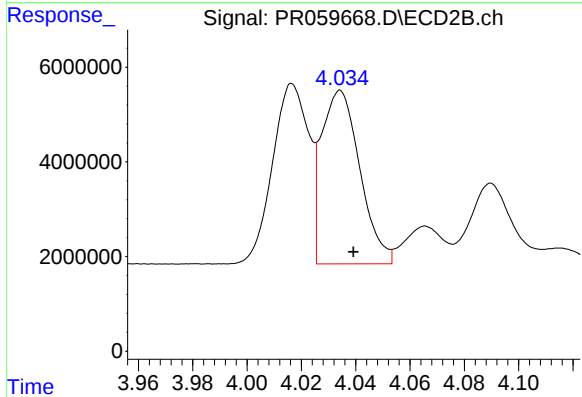
R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 35174375
Conc: 306.15 ng/ml



#17 AR-1242-2

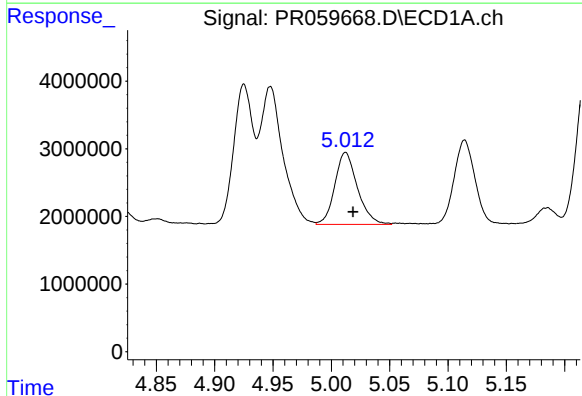
R.T.: 4.948 min
Delta R.T.: -0.006 min
Response: 27621814
Conc: 273.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



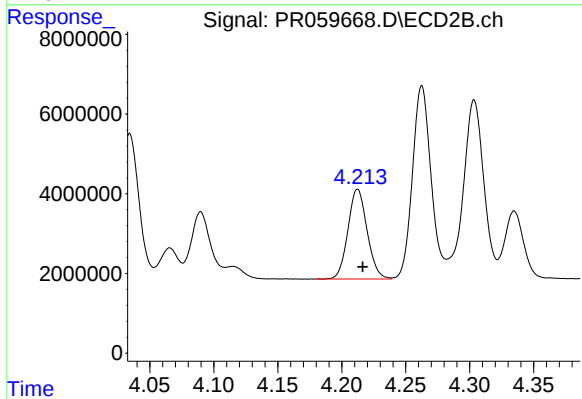
#17 AR-1242-2

R.T.: 4.034 min
Delta R.T.: -0.005 min
Response: 36038845
Conc: 225.72 ng/ml



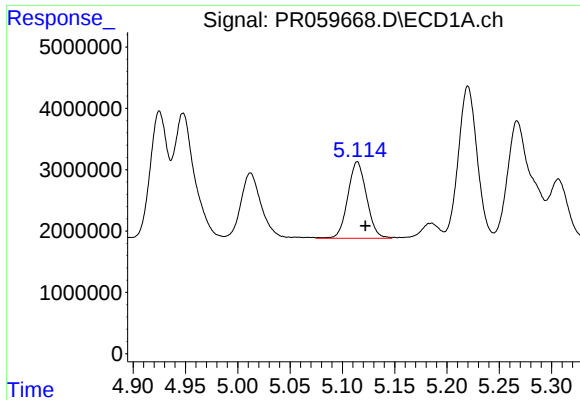
#18 AR-1242-3

R.T.: 5.012 min
Delta R.T.: -0.006 min
Response: 14342260
Conc: 219.76 ng/ml



#18 AR-1242-3

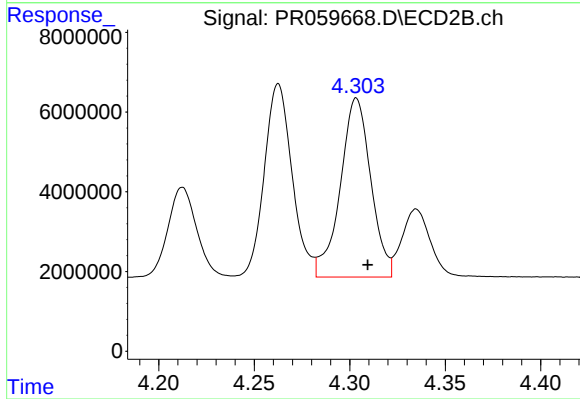
R.T.: 4.212 min
Delta R.T.: -0.004 min
Response: 23543348
Conc: 279.56 ng/ml



#19 AR-1242-4

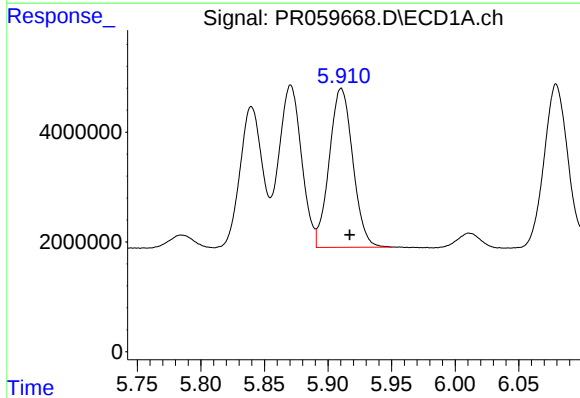
R.T.: 5.114 min
Delta R.T.: -0.008 min
Response: 15525880
Conc: 291.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



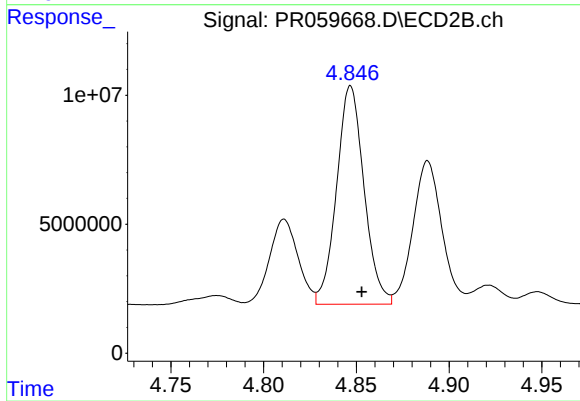
#19 AR-1242-4

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 49994395
Conc: 627.47 ng/ml



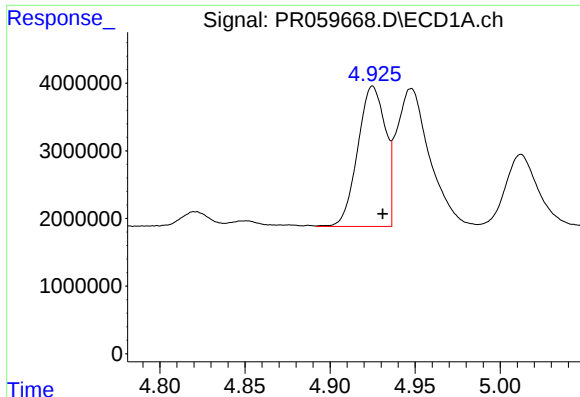
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: -0.007 min
Response: 37350614
Conc: 694.80 ng/ml



#20 AR-1242-5

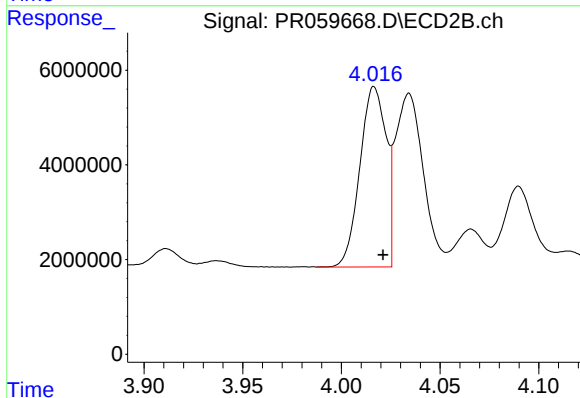
R.T.: 4.847 min
Delta R.T.: -0.006 min
Response: 87202046
Conc: 843.60 ng/ml



#21 AR-1248-1

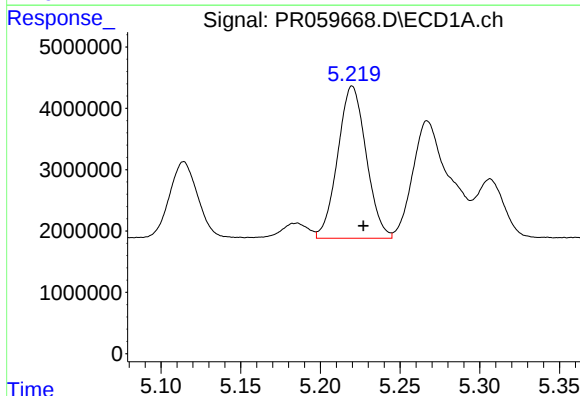
R.T.: 4.925 min
Delta R.T.: -0.006 min
Response: 23402395
Conc: 415.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



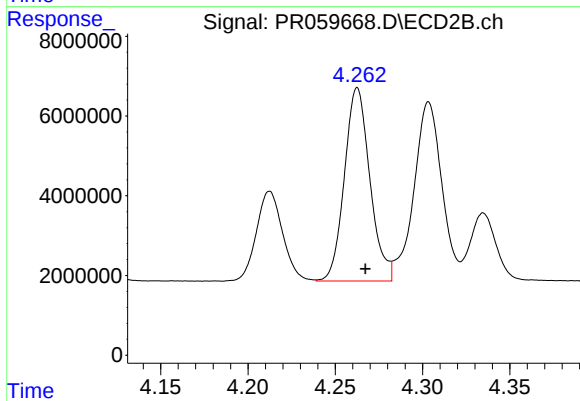
#21 AR-1248-1

R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 35174375
Conc: 405.09 ng/ml



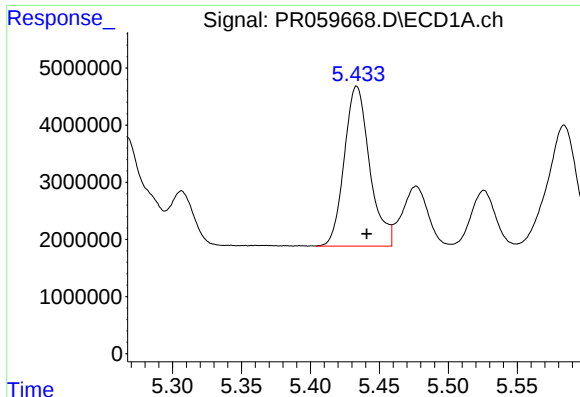
#22 AR-1248-2

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 30787253
Conc: 422.31 ng/ml



#22 AR-1248-2

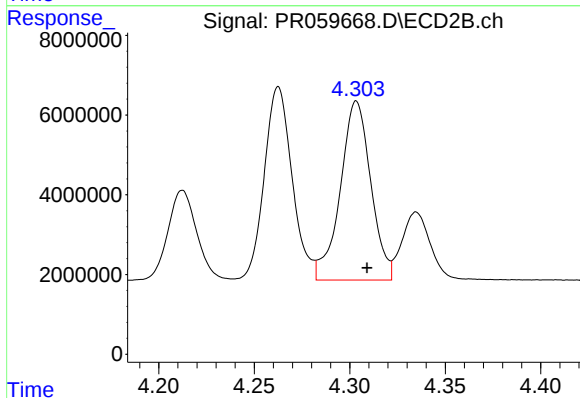
R.T.: 4.263 min
Delta R.T.: -0.005 min
Response: 49239491
Conc: 419.97 ng/ml



#23 AR-1248-3

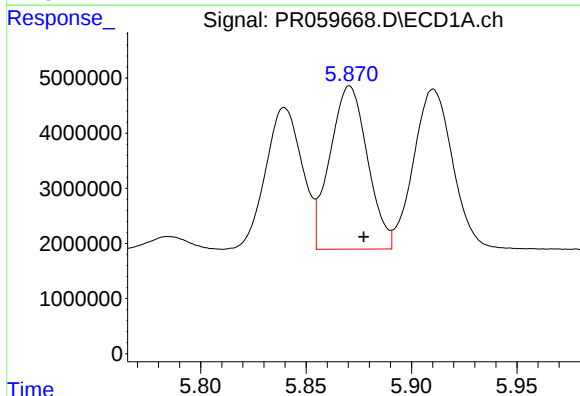
R.T.: 5.434 min
Delta R.T.: -0.007 min
Response: 35860766
Conc: 417.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



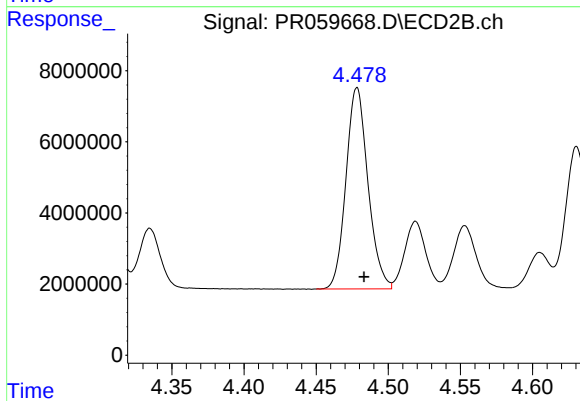
#23 AR-1248-3

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 49994395
Conc: 416.32 ng/ml



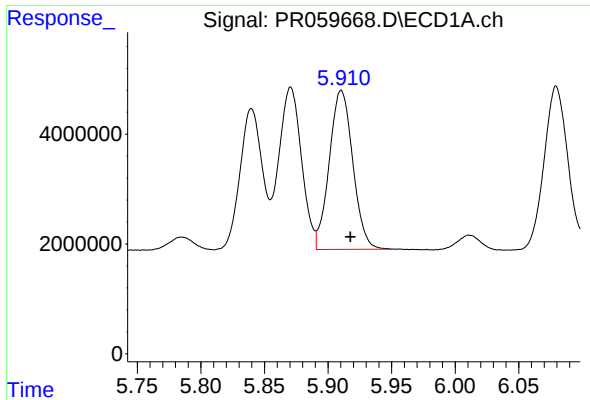
#24 AR-1248-4

R.T.: 5.871 min
Delta R.T.: -0.007 min
Response: 36713968
Conc: 385.80 ng/ml



#24 AR-1248-4

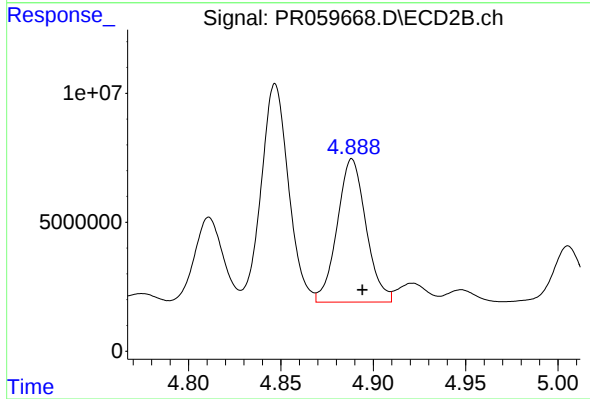
R.T.: 4.478 min
Delta R.T.: -0.005 min
Response: 60263157
Conc: 409.20 ng/ml



#25 AR-1248-5

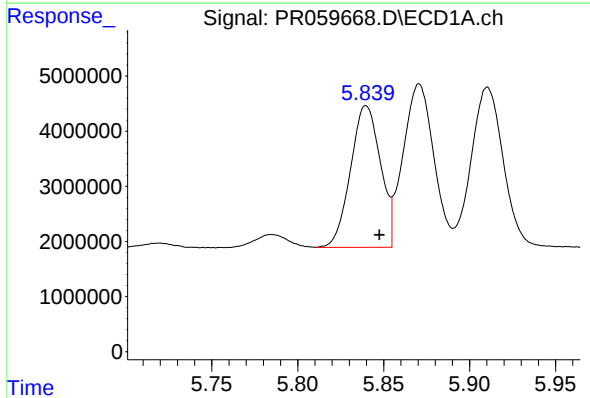
R.T.: 5.910 min
Delta R.T.: -0.007 min
Response: 37350614
Conc: 405.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



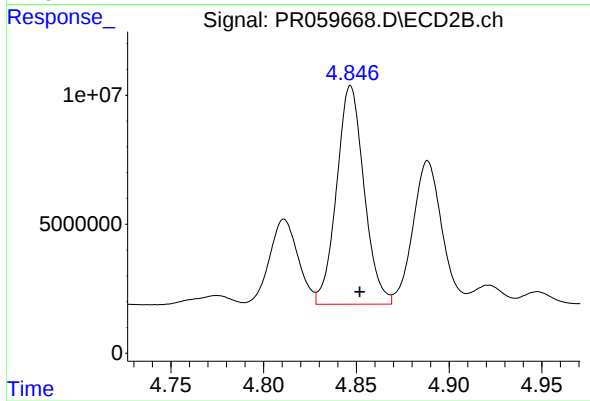
#25 AR-1248-5

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 60330208
Conc: 408.51 ng/ml



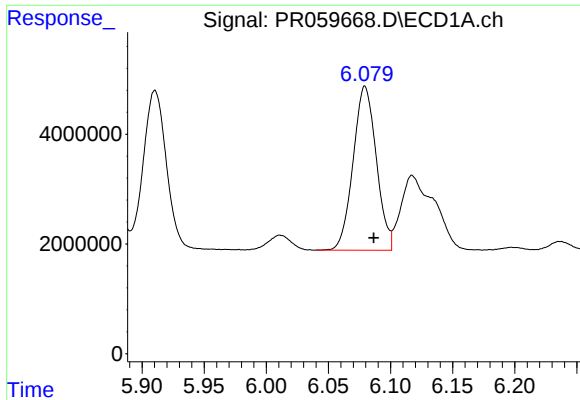
#26 AR-1254-1

R.T.: 5.840 min
Delta R.T.: -0.008 min
Response: 31148888
Conc: 329.76 ng/ml



#26 AR-1254-1

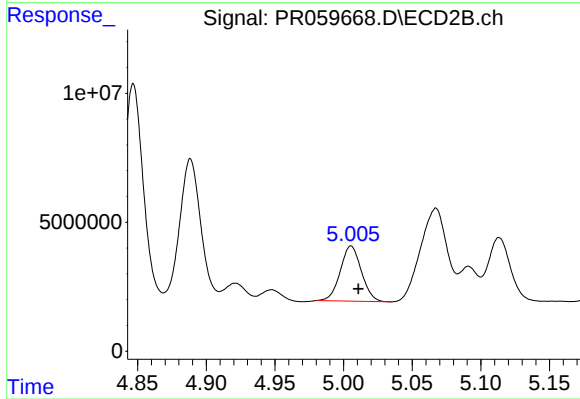
R.T.: 4.847 min
Delta R.T.: -0.005 min
Response: 87202046
Conc: 387.09 ng/ml



#27 AR-1254-2

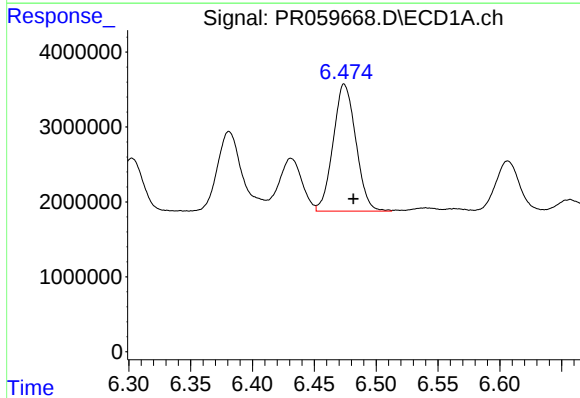
R.T.: 6.079 min
Delta R.T.: -0.007 min
Response: 38784413
Conc: 265.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



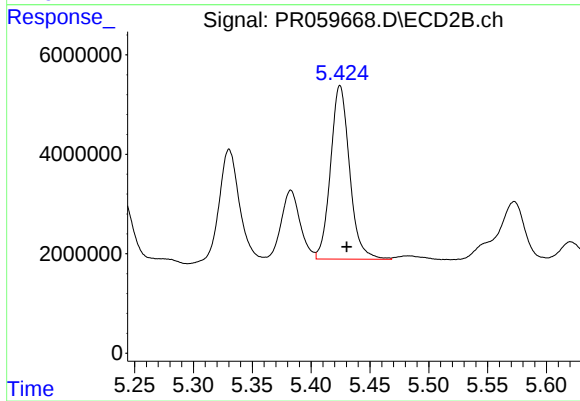
#27 AR-1254-2

R.T.: 5.005 min
Delta R.T.: -0.005 min
Response: 22940742
Conc: 119.27 ng/ml



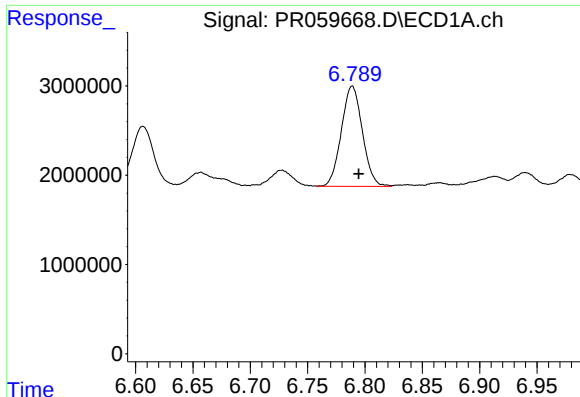
#28 AR-1254-3

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 21702521
Conc: 140.64 ng/ml



#28 AR-1254-3

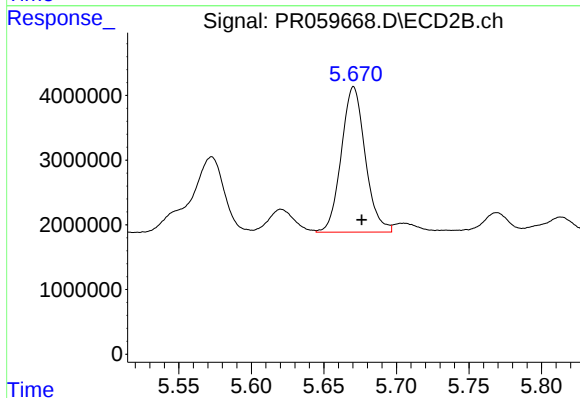
R.T.: 5.425 min
Delta R.T.: -0.006 min
Response: 39394881
Conc: 125.40 ng/ml



#29 AR-1254-4

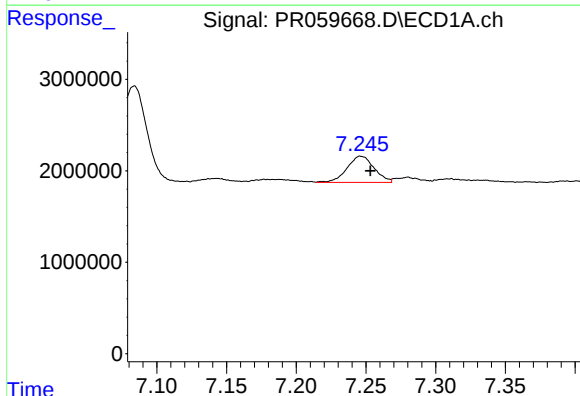
R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 14350954
Conc: 124.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



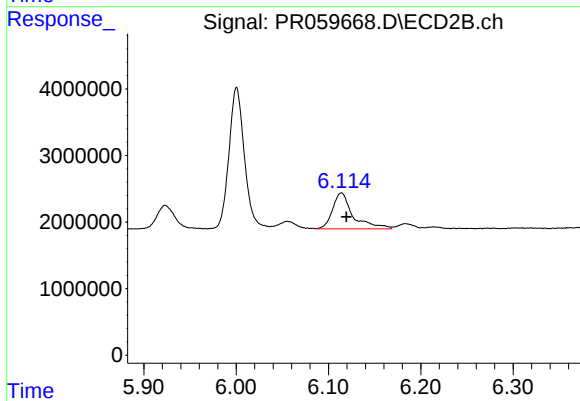
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: -0.006 min
Response: 25844423
Conc: 133.42 ng/ml



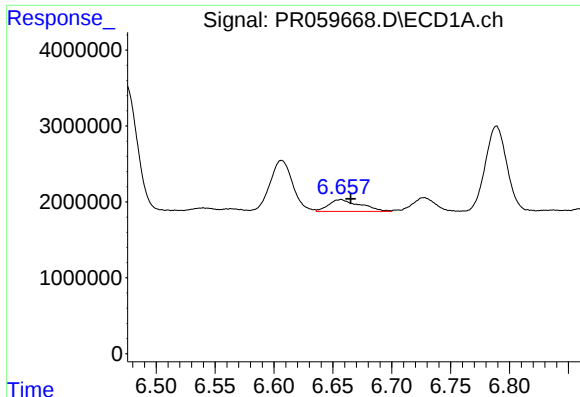
#30 AR-1254-5

R.T.: 7.246 min
Delta R.T.: -0.007 min
Response: 3896544
Conc: 31.46 ng/ml



#30 AR-1254-5

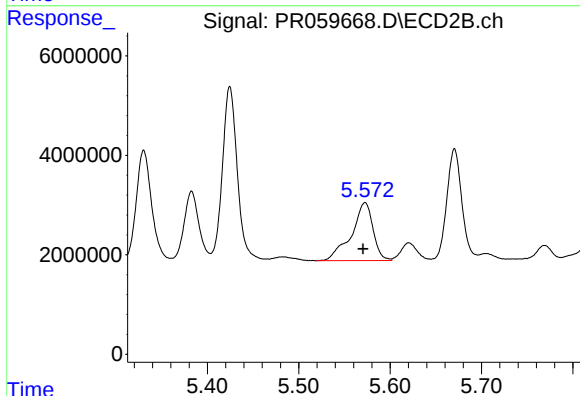
R.T.: 6.114 min
Delta R.T.: -0.005 min
Response: 8351963
Conc: 30.99 ng/ml



#31 AR-1260-1

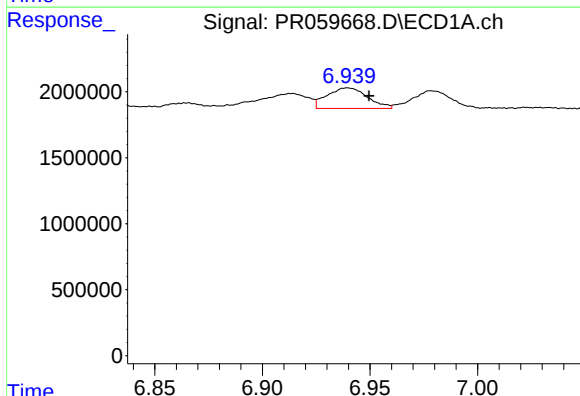
R.T.: 6.657 min
Delta R.T.: -0.008 min
Response: 2882666
Conc: 24.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



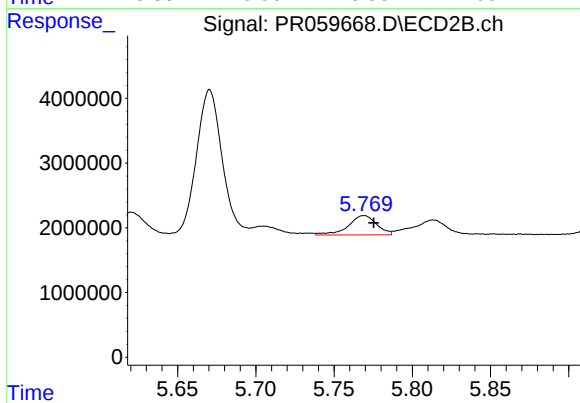
#31 AR-1260-1

R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 19275698
Conc: 90.21 ng/ml



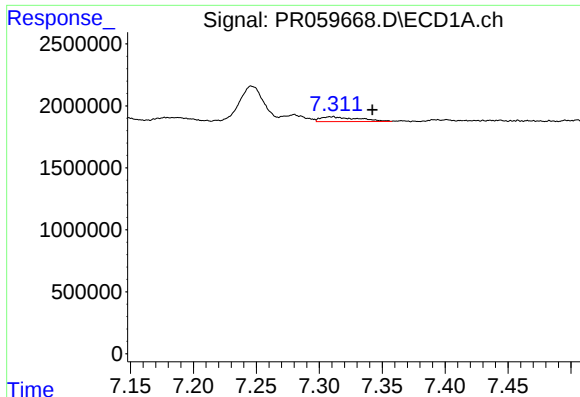
#32 AR-1260-2

R.T.: 6.940 min
Delta R.T.: -0.010 min
Response: 2030988
Conc: 14.64 ng/ml



#32 AR-1260-2

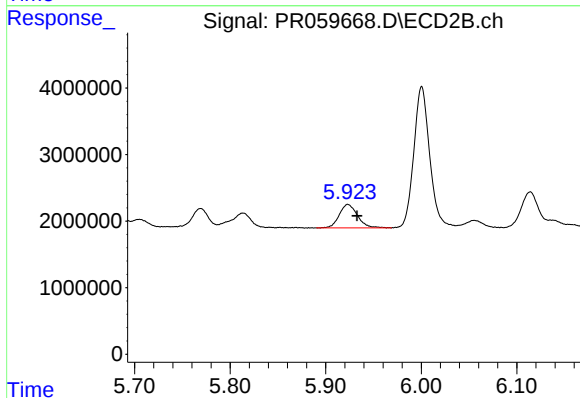
R.T.: 5.769 min
Delta R.T.: -0.006 min
Response: 3757618
Conc: 14.61 ng/ml



#33 AR-1260-3

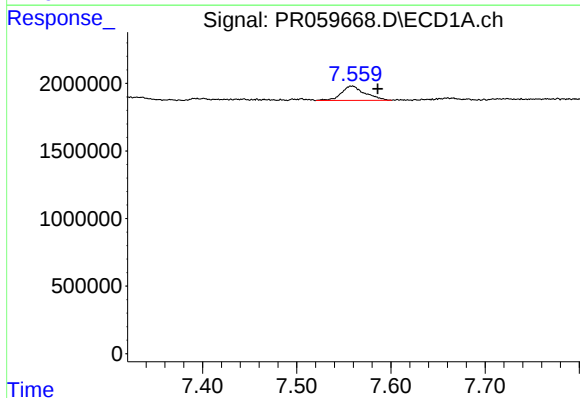
R.T.: 7.310 min
Delta R.T.: -0.032 min
Response: 807206
Conc: 7.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



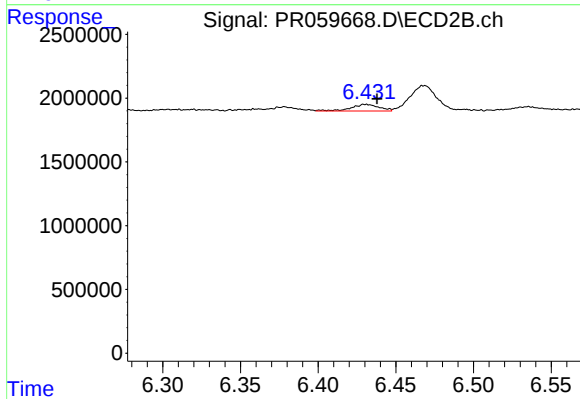
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: -0.010 min
Response: 4700885
Conc: 19.95 ng/ml



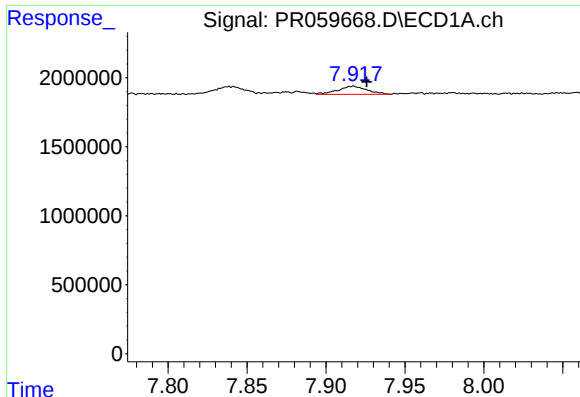
#34 AR-1260-4

R.T.: 7.559 min
Delta R.T.: -0.027 min
Response: 1841181
Conc: 15.72 ng/ml



#34 AR-1260-4

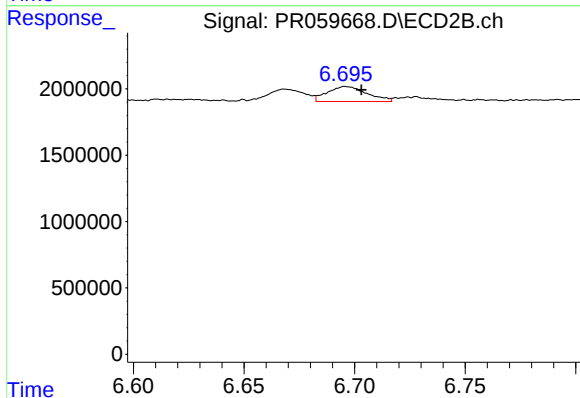
R.T.: 6.431 min
Delta R.T.: -0.007 min
Response: 667323
Conc: 3.45 ng/ml



#35 AR-1260-5

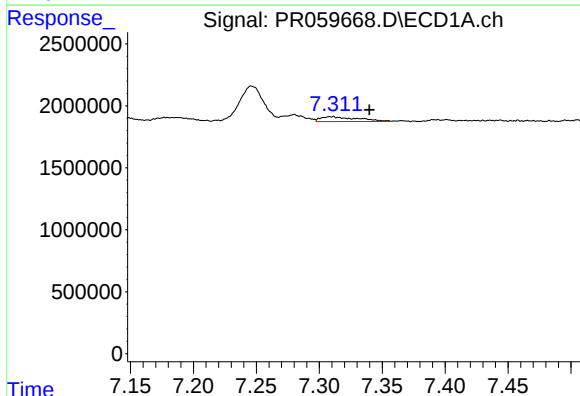
R.T.: 7.917 min
Delta R.T.: -0.009 min
Response: 768389
Conc: 3.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



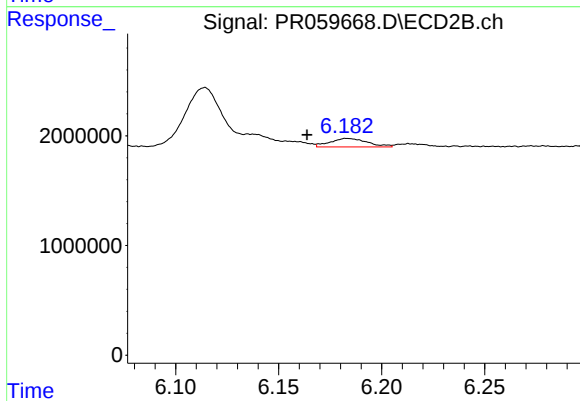
#35 AR-1260-5

R.T.: 6.696 min
Delta R.T.: -0.007 min
Response: 1410282
Conc: 3.15 ng/ml



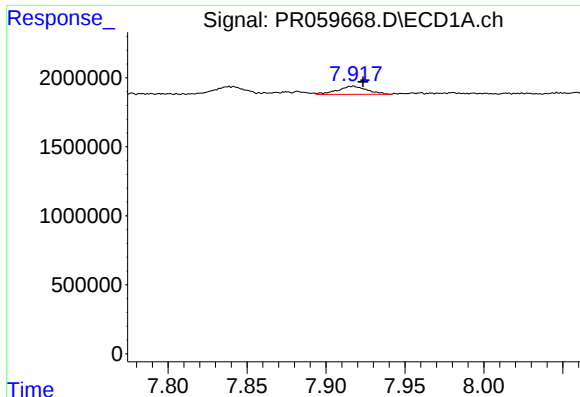
#36 AR-1262-1

R.T.: 7.310 min
Delta R.T.: -0.030 min
Response: 807206
Conc: 5.35 ng/ml



#36 AR-1262-1

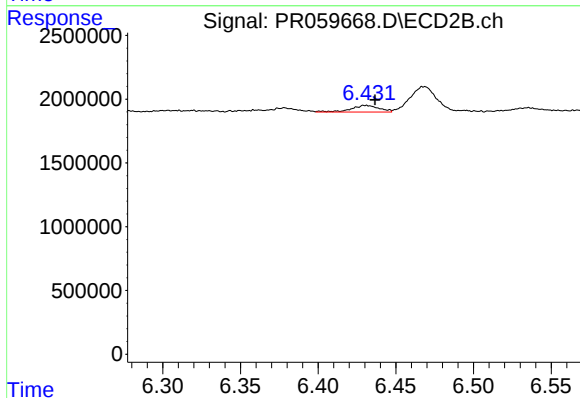
R.T.: 6.183 min
Delta R.T.: 0.020 min
Response: 983686
Conc: 3.40 ng/ml



#37 AR-1262-2

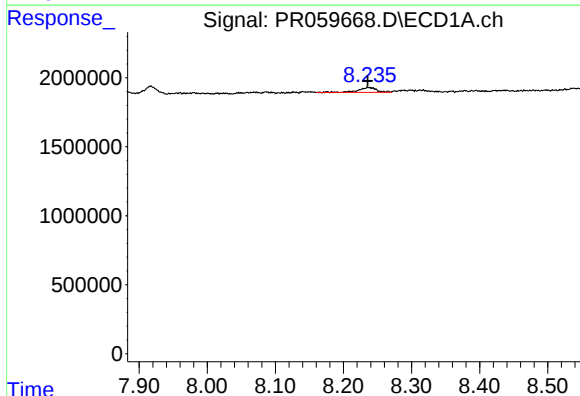
R.T.: 7.917 min
Delta R.T.: -0.006 min
Response: 768389
Conc: 2.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



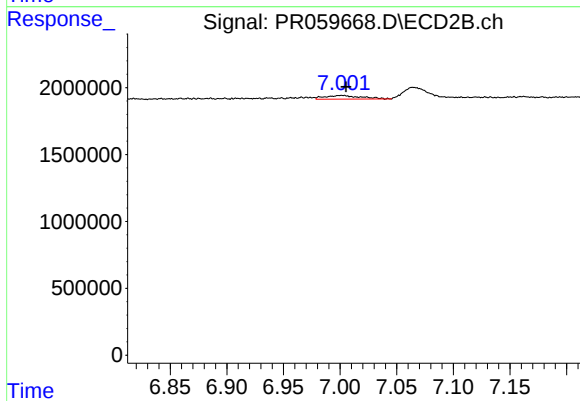
#37 AR-1262-2

R.T.: 6.431 min
Delta R.T.: -0.006 min
Response: 667323
Conc: 2.62 ng/ml



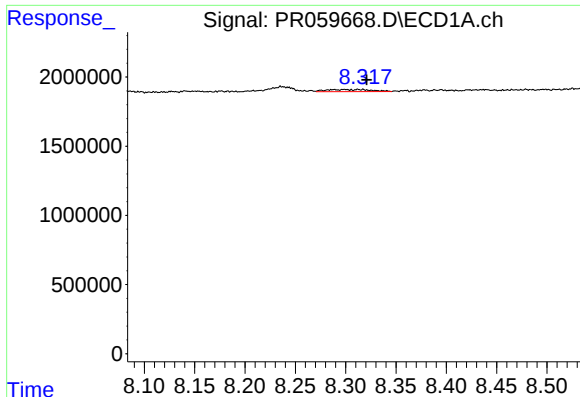
#38 AR-1262-3

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 699166
Conc: 3.82 ng/ml



#38 AR-1262-3

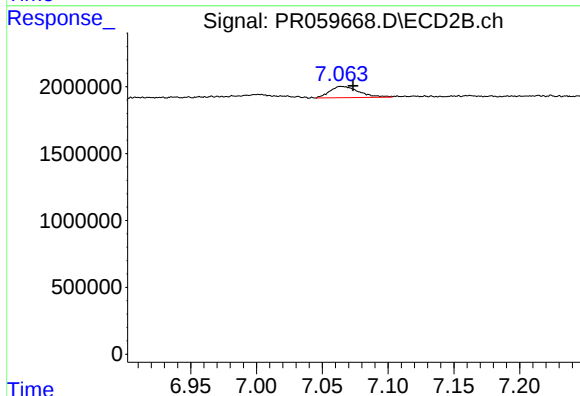
R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 595622
Conc: 3.11 ng/ml



#39 AR-1262-4

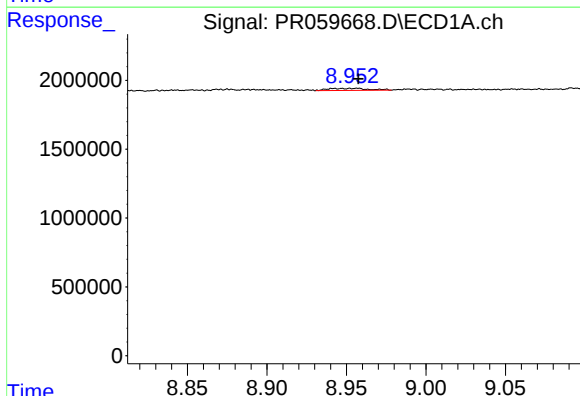
R.T.: 8.289 min
Delta R.T.: -0.032 min
Response: 460799
Conc: 5.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



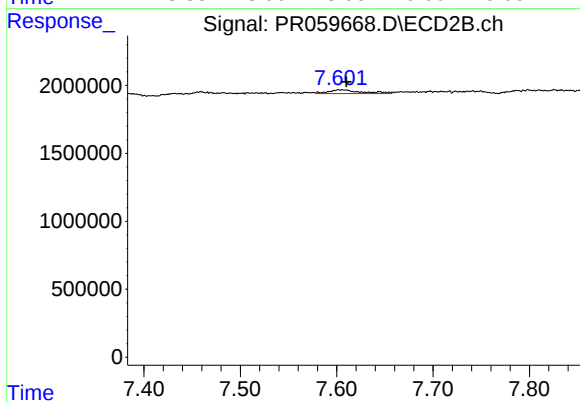
#39 AR-1262-4

R.T.: 7.064 min
Delta R.T.: -0.009 min
Response: 1303878
Conc: 3.58 ng/ml



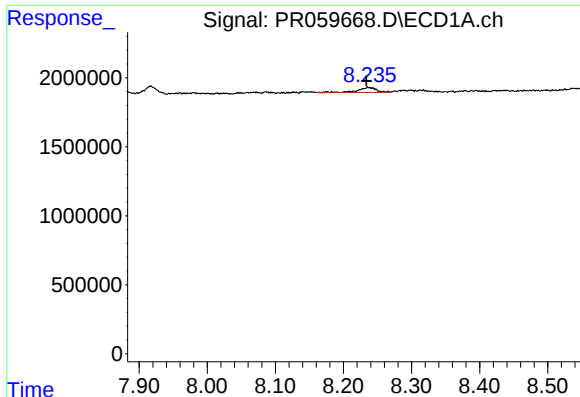
#40 AR-1262-5

R.T.: 8.957 min
Delta R.T.: 0.000 min
Response: 259093
Conc: 2.60 ng/ml



#40 AR-1262-5

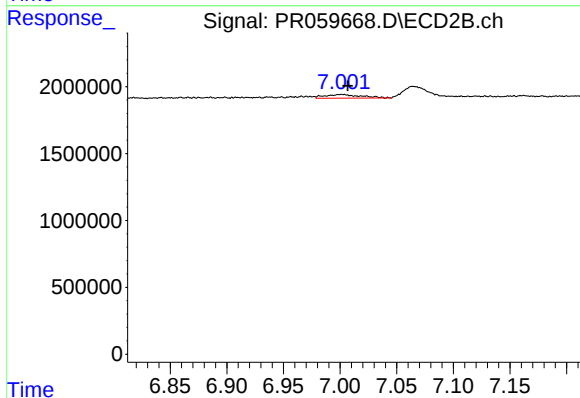
R.T.: 7.603 min
Delta R.T.: -0.007 min
Response: 637087
Conc: 3.95 ng/ml



#41 AR-1268-1

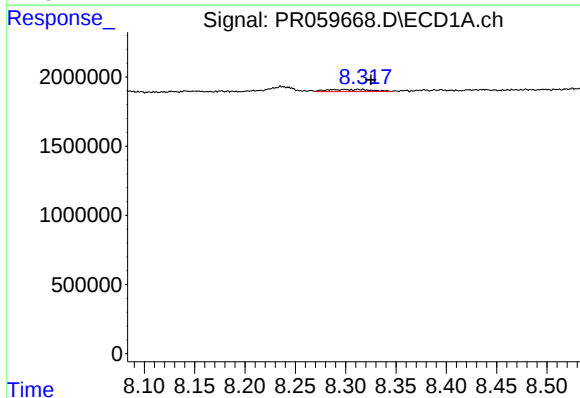
R.T.: 8.236 min
Delta R.T.: 0.002 min
Response: 699166
Conc: 1.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



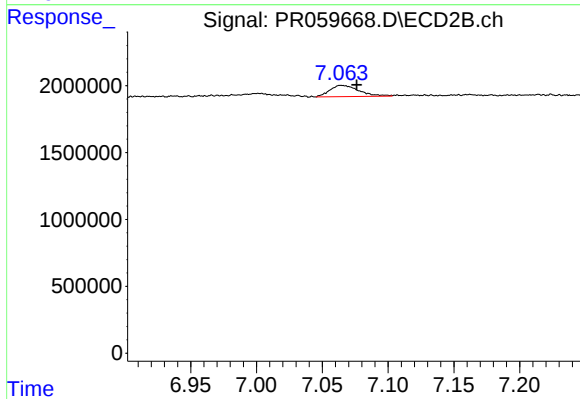
#41 AR-1268-1

R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 595622
Conc: 0.74 ng/ml



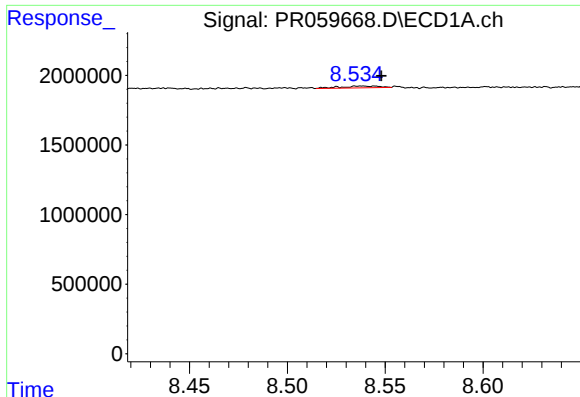
#42 AR-1268-2

R.T.: 8.289 min
Delta R.T.: -0.037 min
Response: 460799
Conc: 1.19 ng/ml



#42 AR-1268-2

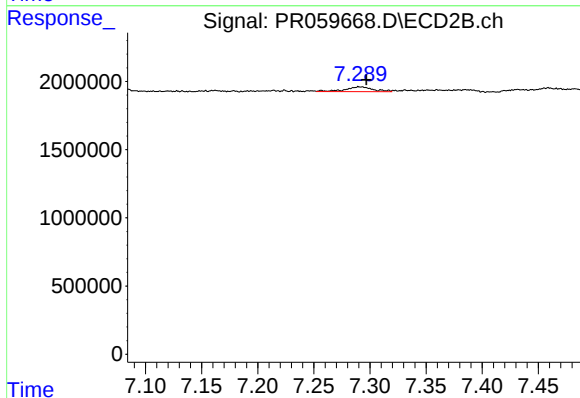
R.T.: 7.064 min
Delta R.T.: -0.012 min
Response: 1303878
Conc: 1.78 ng/ml



#43 AR-1268-3

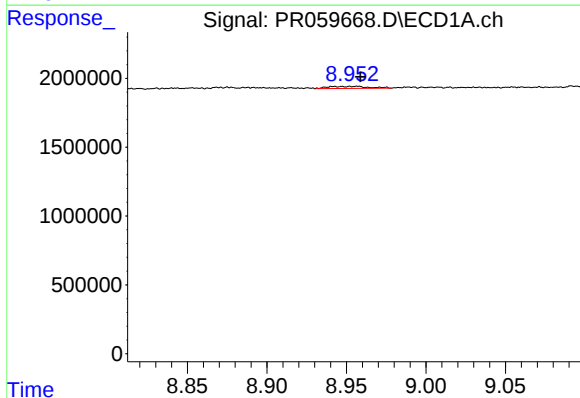
R.T.: 8.545 min
Delta R.T.: -0.003 min
Response: 170050
Conc: 0.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



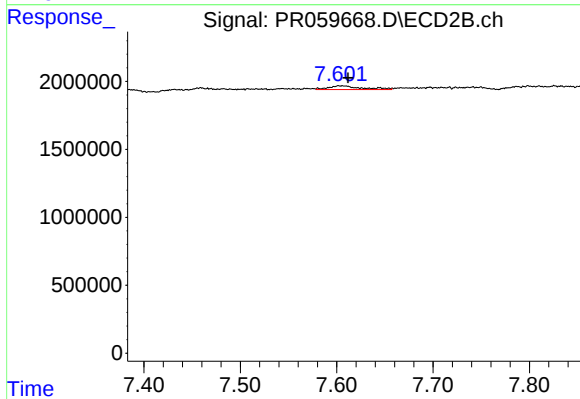
#43 AR-1268-3

R.T.: 7.291 min
Delta R.T.: -0.006 min
Response: 611035
Conc: 0.97 ng/ml



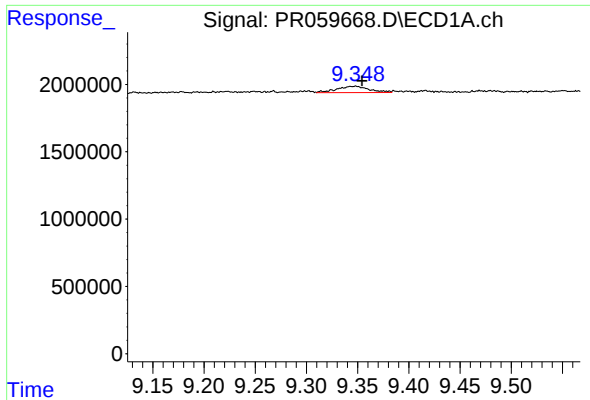
#44 AR-1268-4

R.T.: 8.957 min
Delta R.T.: -0.002 min
Response: 259093
Conc: 1.75 ng/ml



#44 AR-1268-4

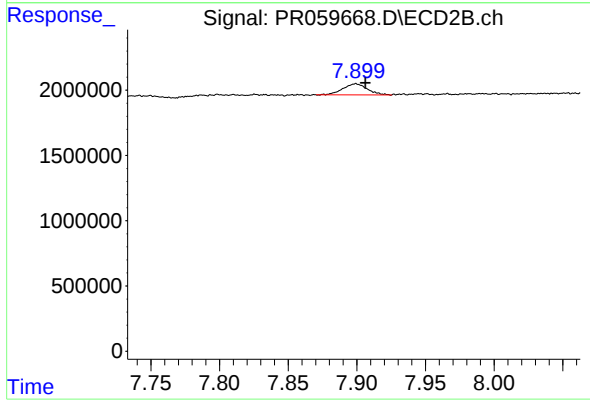
R.T.: 7.603 min
Delta R.T.: -0.009 min
Response: 637087
Conc: 2.56 ng/ml



#45 AR-1268-5

R.T.: 9.348 min
Delta R.T.: -0.006 min
Response: 1033972
Conc: 0.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.899 min
Delta R.T.: -0.007 min
Response: 1061849
Conc: 0.55 ng/ml