

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060222\
 Data File : PR054612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2022 18:35
 Operator : AJ\MA
 Sample : AR1660CCC500
 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: Jun 03 01:34:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR053122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 01 05:23:25 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.650	2.925	224.0E6	101.1E6	55.480	54.549
2)	SA Decachlor...	9.535	8.152	78755068	74758275	48.189	44.697
Target Compounds							
3)	L1 AR-1016-1	4.868	4.033	65637424	34218610	514.994	519.059
4)	L1 AR-1016-2	4.890	4.051	91115196	46912664	508.187	524.198
5)	L1 AR-1016-3	4.955	4.229	55207667	25561166	504.762	526.580
6)	L1 AR-1016-4	5.056	4.279	44680462	19644929	508.368	520.176
7)	L1 AR-1016-5	5.371	4.495	39691729	25417573	498.057	522.745
8)	L2 AR-1221-1	3.866	3.148	7696236	3233373	166.834	154.704
9)	L2 AR-1221-2	3.959	3.233	10583636	4762650	310.081	301.115
10)	L2 AR-1221-3	4.037	3.309	38478324	18009914	376.590	371.252
11)	L3 AR-1232-1	4.037	3.309	38478324	18009914	401.406	398.868
12)	L3 AR-1232-2	4.584	4.051	50688412	46912664	1118.575	1124.586
13)	L3 AR-1232-3	4.890	4.229	91115196	25561166	1093.978	1125.616
14)	L3 AR-1232-4	5.056	4.320	44680462	23906753	1112.565	1220.677
15)	L3 AR-1232-5	5.160	4.495	34559656	25417573	1201.314	1124.871
16)	L4 AR-1242-1	4.868	4.033	65637424	34218610	675.941	690.864
17)	L4 AR-1242-2	4.890	4.051	91115196	46912664	679.776	691.926
18)	L4 AR-1242-3	4.955	4.229	55207667	25561166	664.530	688.681
19)	L4 AR-1242-4	5.056	4.320	44680462	23906753	663.240	686.761
20)	L4 AR-1242-5	5.843	4.863	5371122	20230413	92.041	447.892 #
21)	L5 AR-1248-1	4.868	4.033	65637424	34218610	920.027	926.651
22)	L5 AR-1248-2	5.160	4.279	34559656	19644929	385.902	402.363
23)	L5 AR-1248-3	5.371	4.320	39691729	23906753	396.907	474.546
24)	L5 AR-1248-4	5.802	4.495	4858569	25417573	49.178	415.317 #
25)	L5 AR-1248-5	5.843	4.904	5371122	4757683	56.121	76.526 #
26)	L6 AR-1254-1	5.774	4.863	26803591	20230413	268.109	216.094
27)	L6 AR-1254-2	6.012	5.021	25875006	19334694	184.214	238.611 #
28)	L6 AR-1254-3	6.402	5.441	14058953	10238459	104.674	77.005 #
29)	L6 AR-1254-4	6.713	5.684	7586925	5238078	77.034	61.302
30)	L6 AR-1254-5	7.167	6.127	64969289	63813091	666.595	535.909
31)	L7 AR-1260-1	6.582	5.580	48892419	47547148	475.317	507.724
32)	L7 AR-1260-2	6.865	5.783	54069603	57317639	454.044	496.710
33)	L7 AR-1260-3	7.255	5.941	37190441	52071523	485.667	434.738
34)	L7 AR-1260-4	7.496	6.445	45802446	39842533	508.059	484.013
35)	L7 AR-1260-5	7.834	6.709	85137390	91580285	509.064	470.610
36)	L8 AR-1262-1	7.255	6.172	37190441	42311005	321.752	347.366
37)	L8 AR-1262-2	7.834	6.445	85137390	39842533	427.635	357.771
38)	L8 AR-1262-3	8.146	7.014	56328727	23111758	410.827	262.693 #
39)	L8 AR-1262-4	8.223	7.079	15354808	71294905	250.900	424.527 #
40)	L8 AR-1262-5	8.845	7.616	23755774	23071967	314.099	290.506
41)	L9 AR-1268-1	8.146	7.014	56328727	23111758	241.472	89.503 #

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 ALS Vial : 3 Sample Multiplier: 1

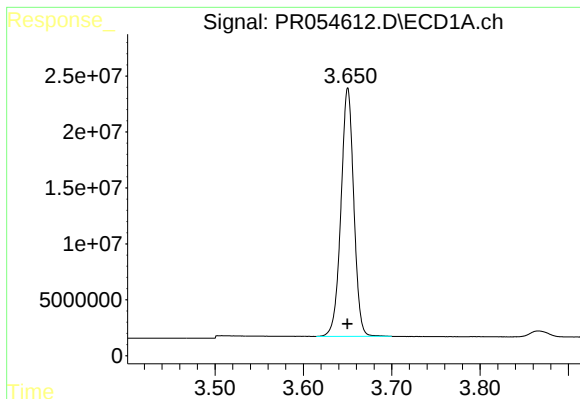
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 01:34:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR053122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 01 05:23:25 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.223	7.079	15354808	71294905	71.391	299.254 #
43) L9	AR-1268-3	8.443	7.303	4035167	1629228	22.514	8.203 #
44) L9	AR-1268-4	8.845	7.616	23755774	23071967	281.233	258.636
45) L9	AR-1268-5	9.227	7.910	7400627	6980437	12.501	10.746

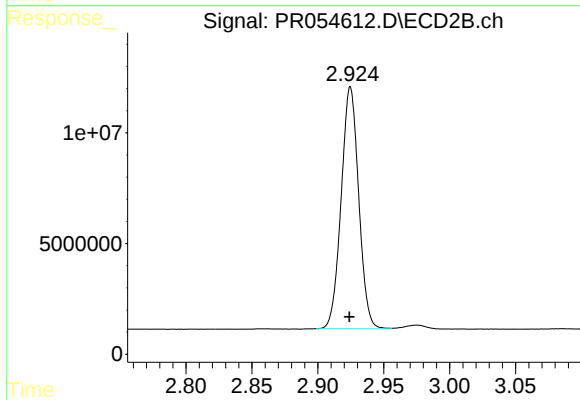
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

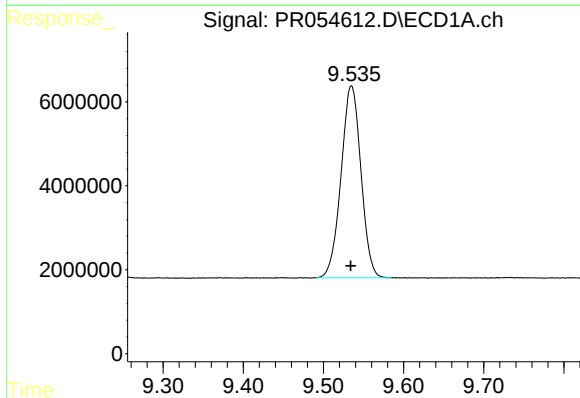
R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 223954586
Conc: 55.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



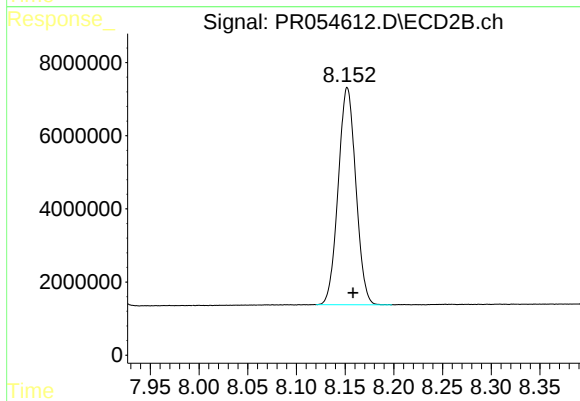
#1 Tetrachloro-m-xylene

R.T.: 2.925 min
Delta R.T.: 0.000 min
Response: 101143425
Conc: 54.55 ng/ml



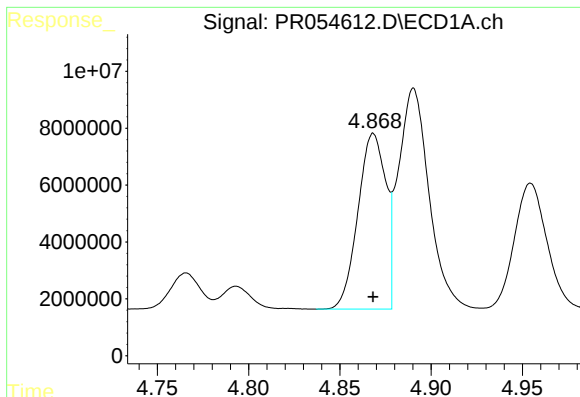
#2 Decachlorobiphenyl

R.T.: 9.535 min
Delta R.T.: 0.000 min
Response: 78755068
Conc: 48.19 ng/ml



#2 Decachlorobiphenyl

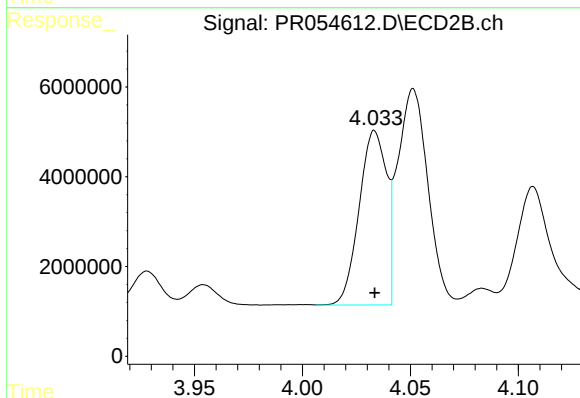
R.T.: 8.152 min
Delta R.T.: -0.006 min
Response: 74758275
Conc: 44.70 ng/ml



#3 AR-1016-1

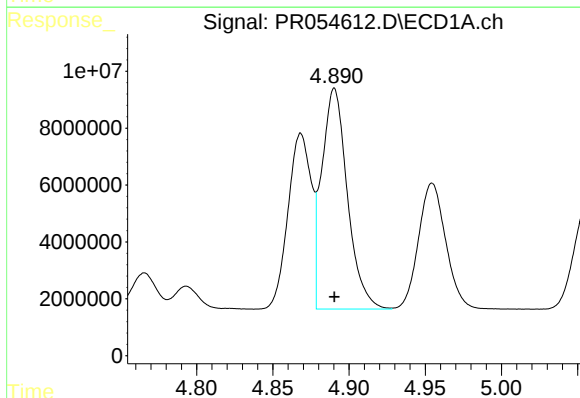
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 65637424
Conc: 514.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



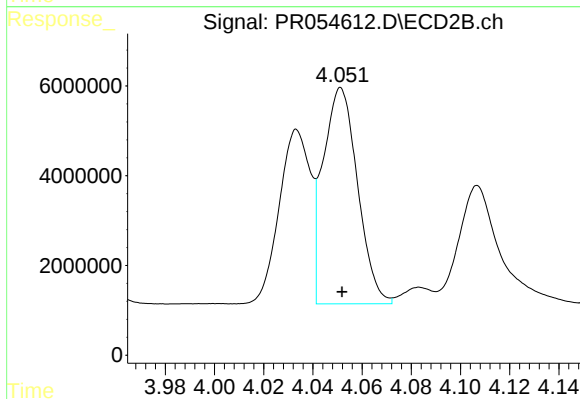
#3 AR-1016-1

R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 34218610
Conc: 519.06 ng/ml



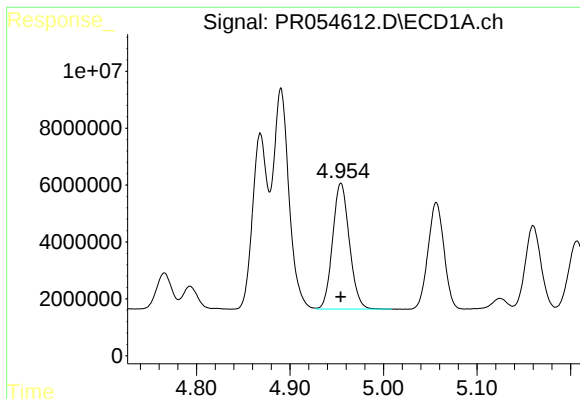
#4 AR-1016-2

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 91115196
Conc: 508.19 ng/ml



#4 AR-1016-2

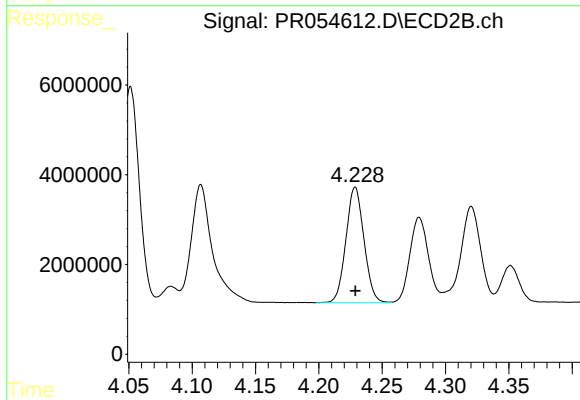
R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 46912664
Conc: 524.20 ng/ml



#5 AR-1016-3

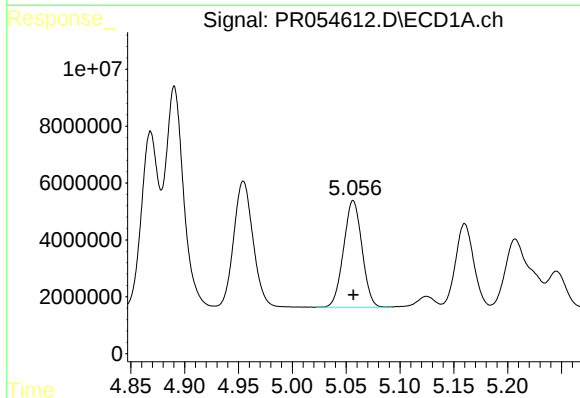
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 55207667
Conc: 504.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



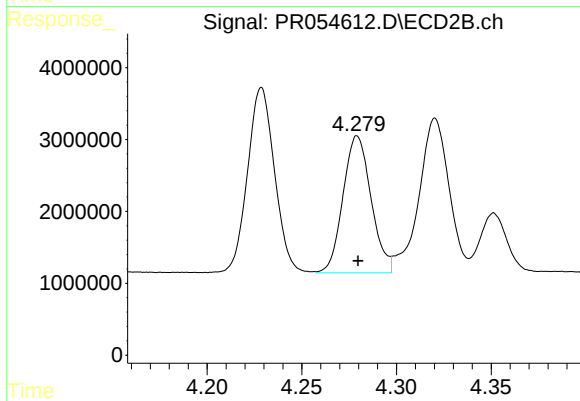
#5 AR-1016-3

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 25561166
Conc: 526.58 ng/ml



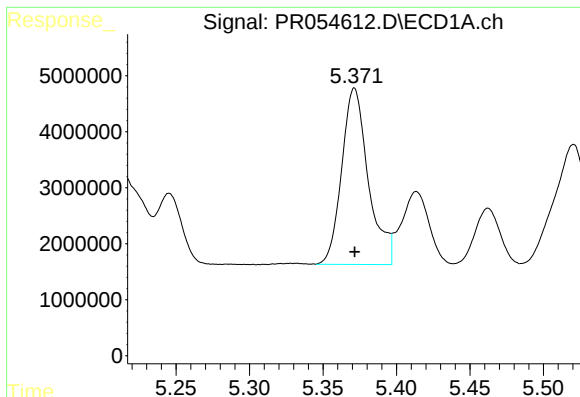
#6 AR-1016-4

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 44680462
Conc: 508.37 ng/ml



#6 AR-1016-4

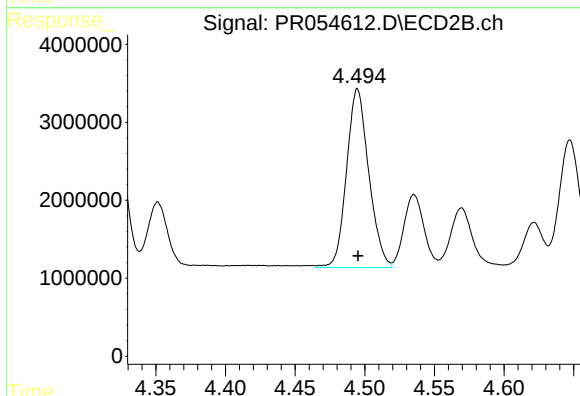
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 19644929
Conc: 520.18 ng/ml



#7 AR-1016-5

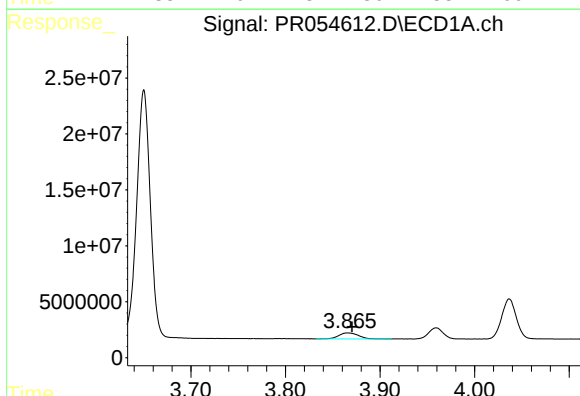
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 39691729
Conc: 498.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



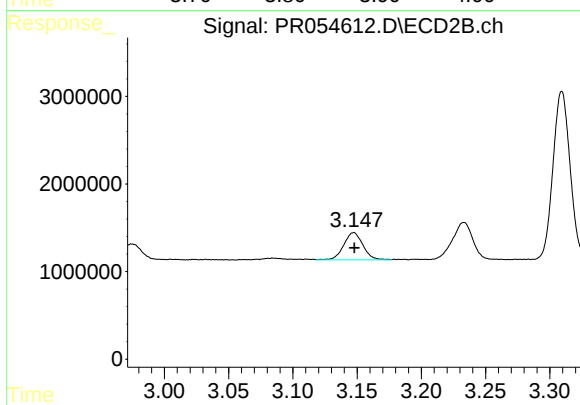
#7 AR-1016-5

R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 25417573
Conc: 522.75 ng/ml



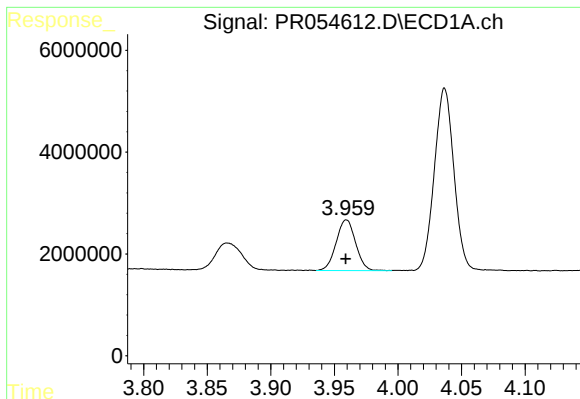
#8 AR-1221-1

R.T.: 3.866 min
Delta R.T.: -0.005 min
Response: 7696236
Conc: 166.83 ng/ml



#8 AR-1221-1

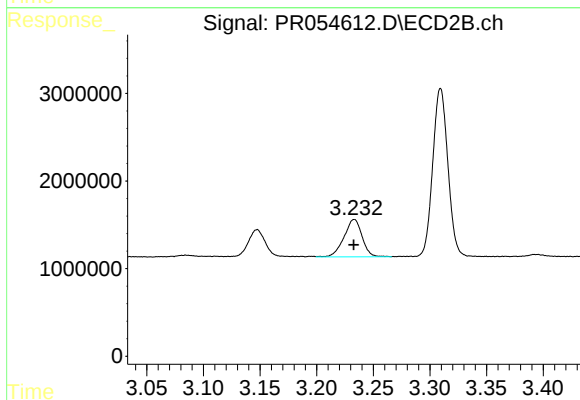
R.T.: 3.148 min
Delta R.T.: 0.000 min
Response: 3233373
Conc: 154.70 ng/ml



#9 AR-1221-2

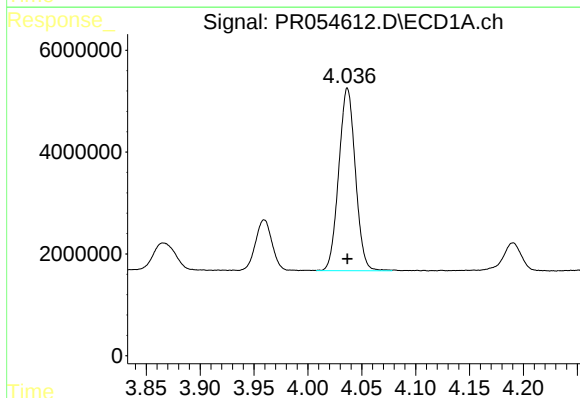
R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 10583636
Conc: 310.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



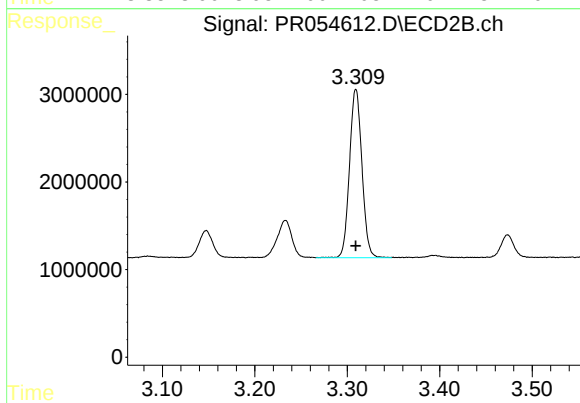
#9 AR-1221-2

R.T.: 3.233 min
Delta R.T.: 0.000 min
Response: 4762650
Conc: 301.12 ng/ml



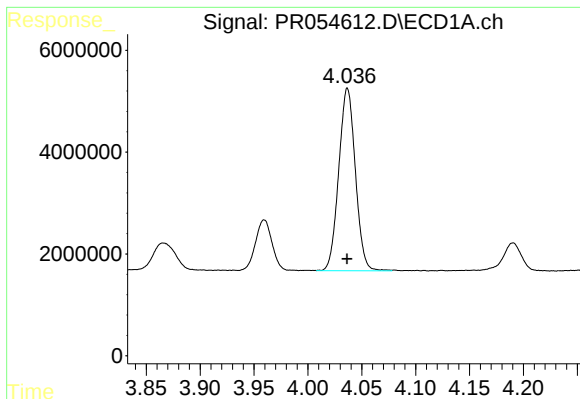
#10 AR-1221-3

R.T.: 4.037 min
Delta R.T.: 0.000 min
Response: 38478324
Conc: 376.59 ng/ml



#10 AR-1221-3

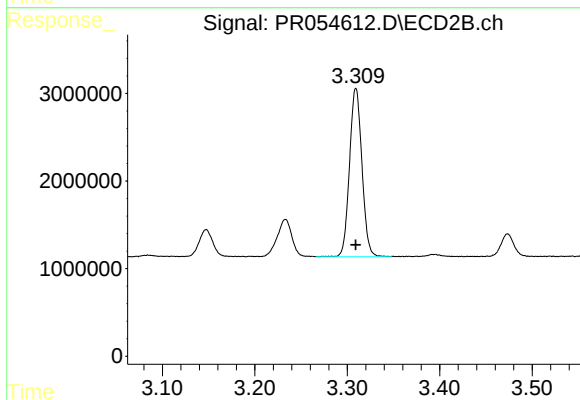
R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 18009914
Conc: 371.25 ng/ml



#11 AR-1232-1

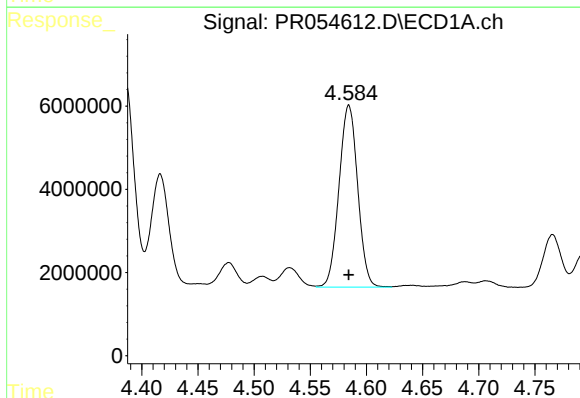
R.T.: 4.037 min
Delta R.T.: 0.000 min
Response: 38478324
Conc: 401.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



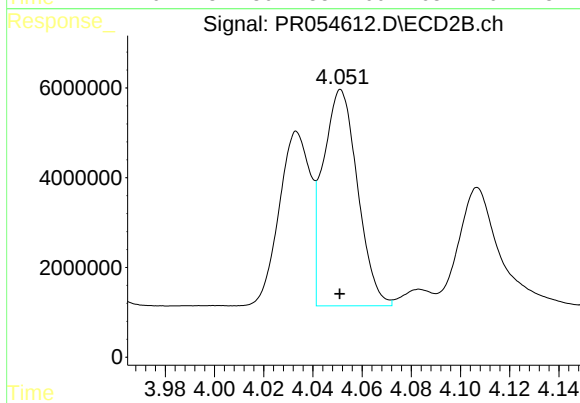
#11 AR-1232-1

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 18009914
Conc: 398.87 ng/ml



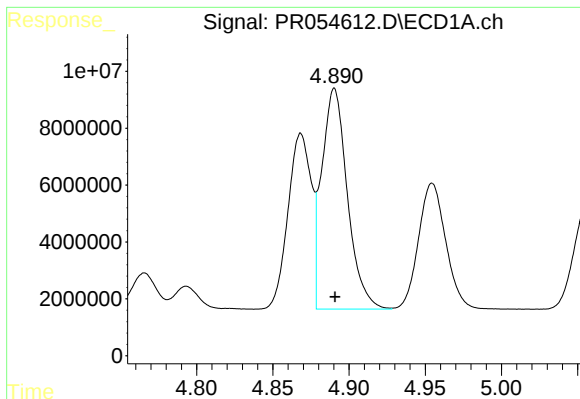
#12 AR-1232-2

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 50688412
Conc: 1118.58 ng/ml



#12 AR-1232-2

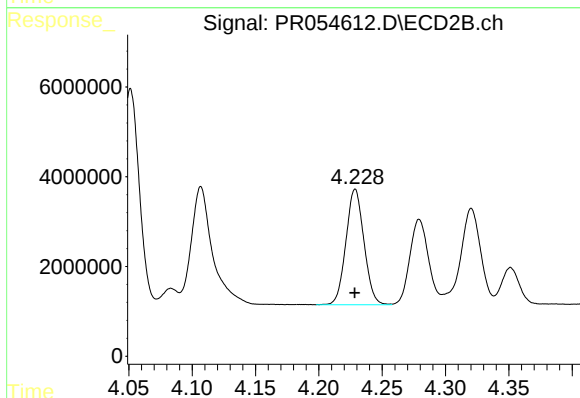
R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 46912664
Conc: 1124.59 ng/ml



#13 AR-1232-3

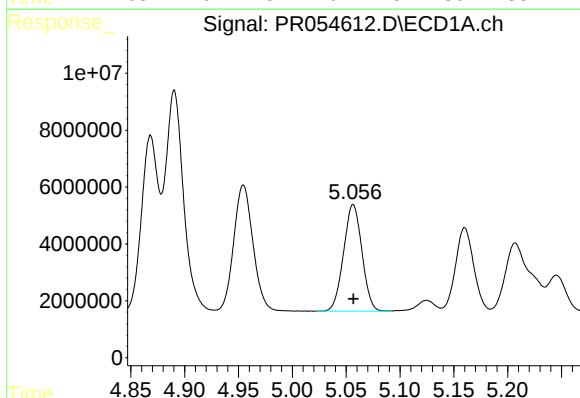
R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 91115196
Conc: 1093.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



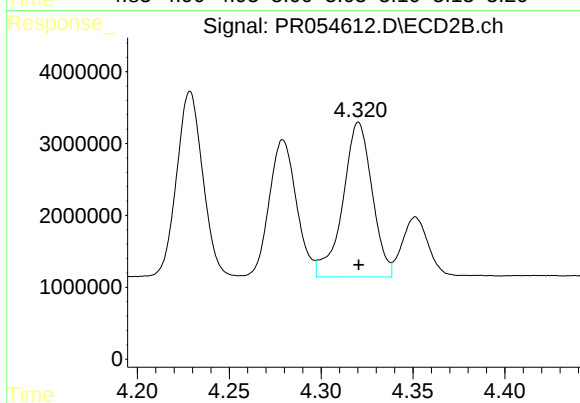
#13 AR-1232-3

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 25561166
Conc: 1125.62 ng/ml



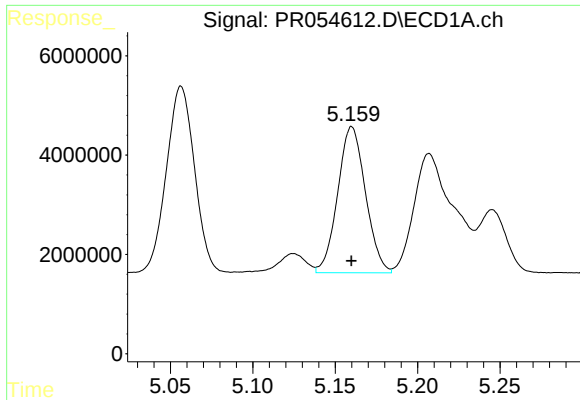
#14 AR-1232-4

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 44680462
Conc: 1112.57 ng/ml



#14 AR-1232-4

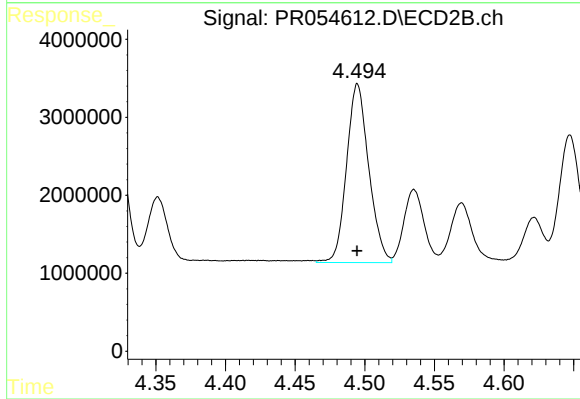
R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 23906753
Conc: 1220.68 ng/ml



#15 AR-1232-5

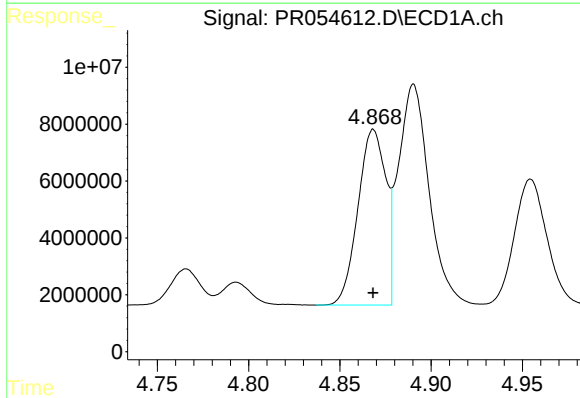
R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 34559656
Conc: 1201.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



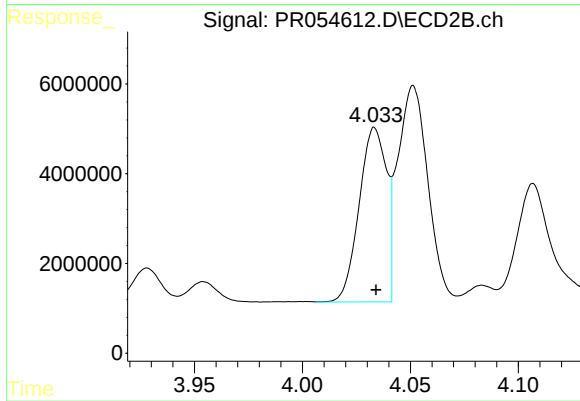
#15 AR-1232-5

R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 25417573
Conc: 1124.87 ng/ml



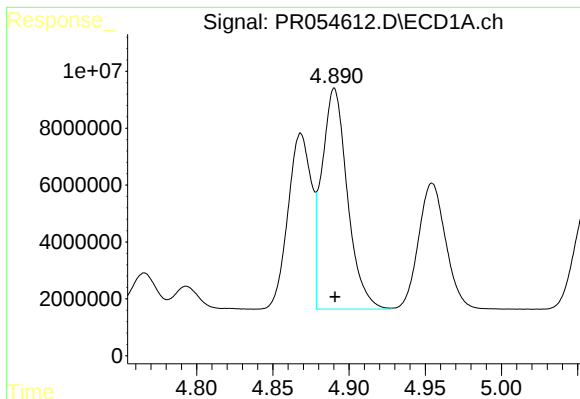
#16 AR-1242-1

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 65637424
Conc: 675.94 ng/ml



#16 AR-1242-1

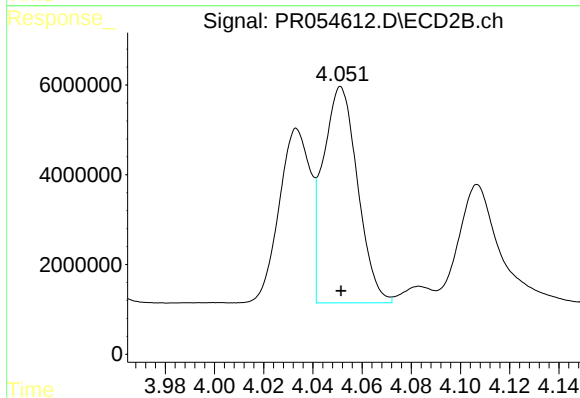
R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 34218610
Conc: 690.86 ng/ml



#17 AR-1242-2

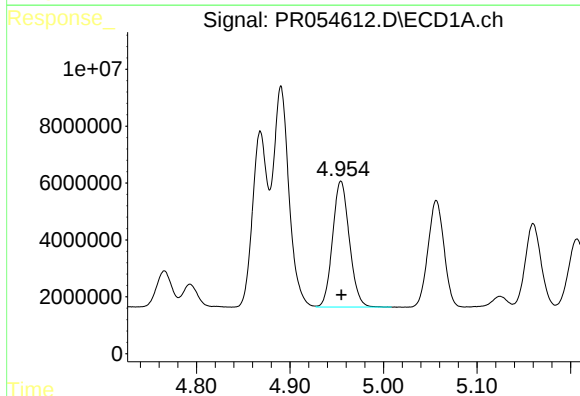
R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 91115196
Conc: 679.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



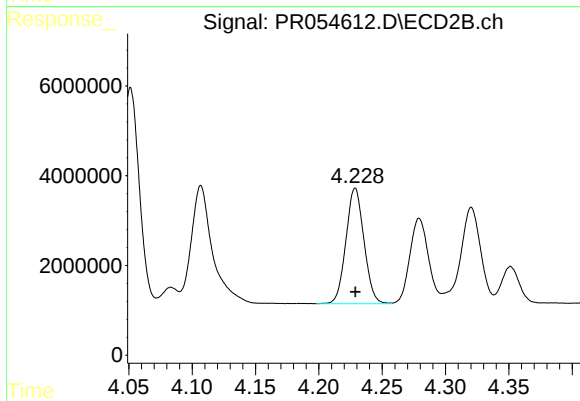
#17 AR-1242-2

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 46912664
Conc: 691.93 ng/ml



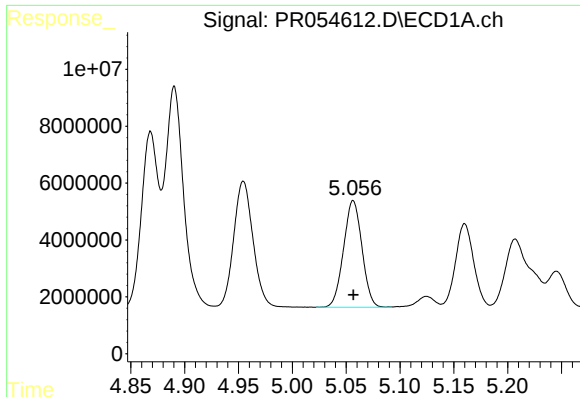
#18 AR-1242-3

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 55207667
Conc: 664.53 ng/ml



#18 AR-1242-3

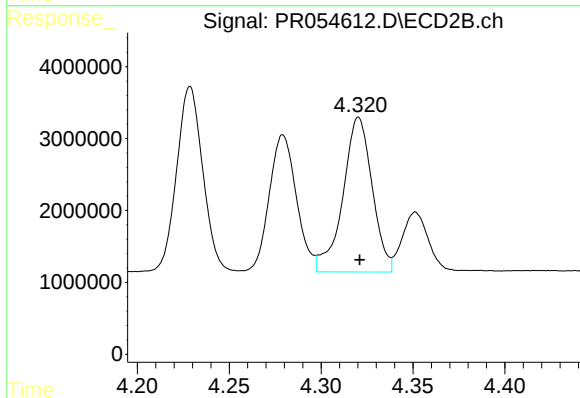
R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 25561166
Conc: 688.68 ng/ml



#19 AR-1242-4

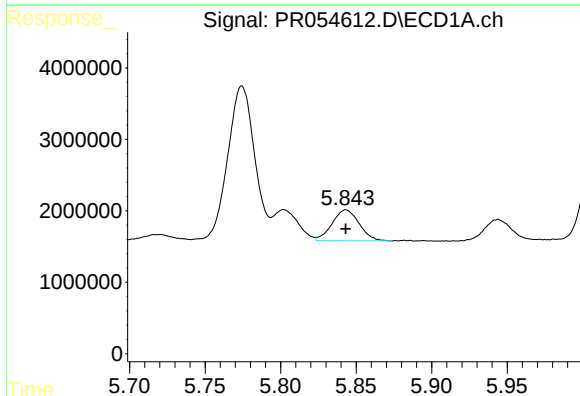
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 44680462
Conc: 663.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



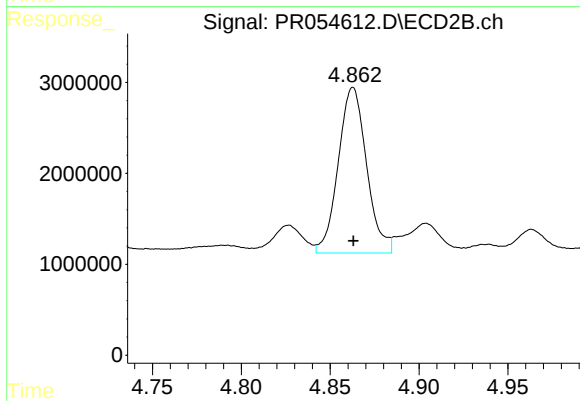
#19 AR-1242-4

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 23906753
Conc: 686.76 ng/ml



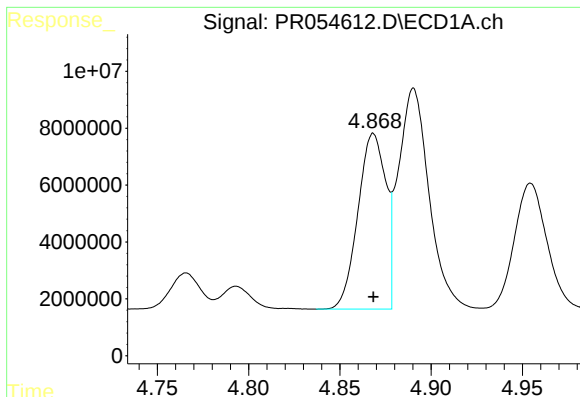
#20 AR-1242-5

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 5371122
Conc: 92.04 ng/ml



#20 AR-1242-5

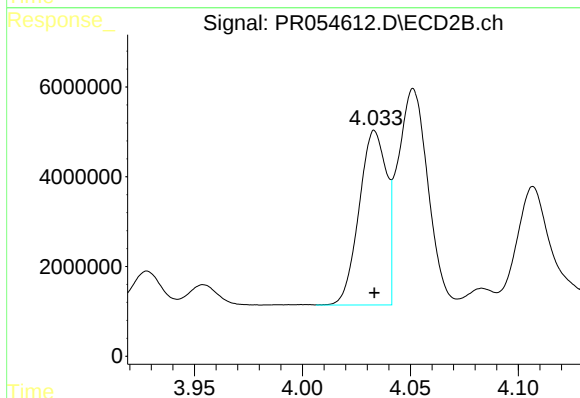
R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 20230413
Conc: 447.89 ng/ml



#21 AR-1248-1

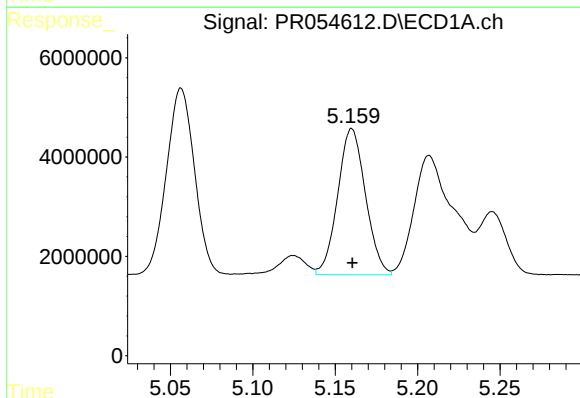
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 65637424
Conc: 920.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



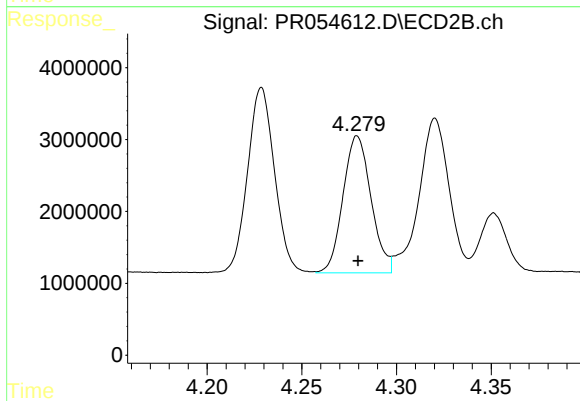
#21 AR-1248-1

R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 34218610
Conc: 926.65 ng/ml



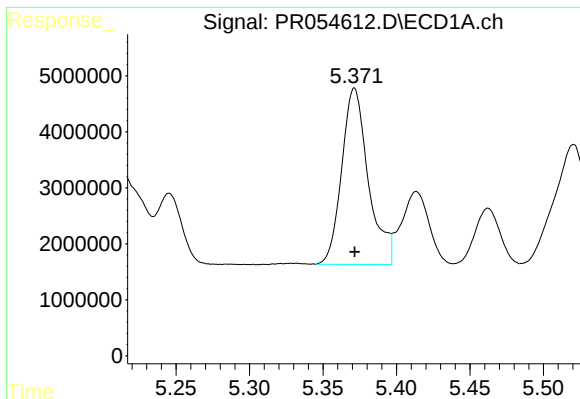
#22 AR-1248-2

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 34559656
Conc: 385.90 ng/ml



#22 AR-1248-2

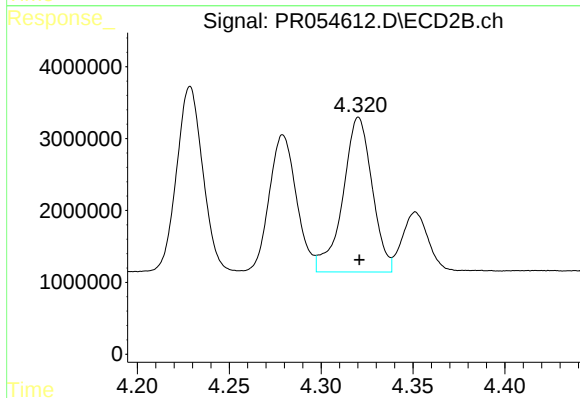
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 19644929
Conc: 402.36 ng/ml



#23 AR-1248-3

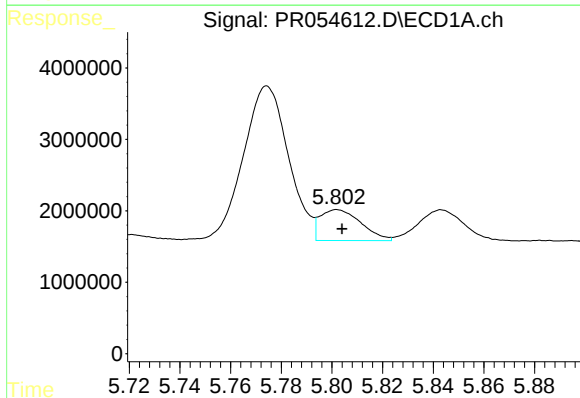
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 39691729
Conc: 396.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



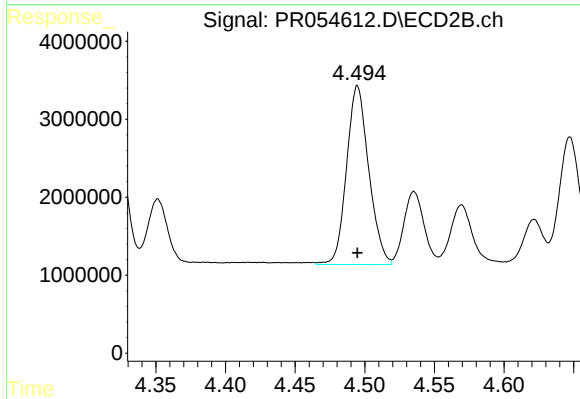
#23 AR-1248-3

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 23906753
Conc: 474.55 ng/ml



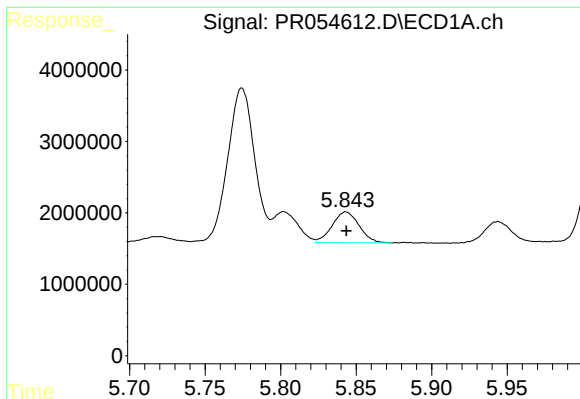
#24 AR-1248-4

R.T.: 5.802 min
Delta R.T.: -0.002 min
Response: 4858569
Conc: 49.18 ng/ml



#24 AR-1248-4

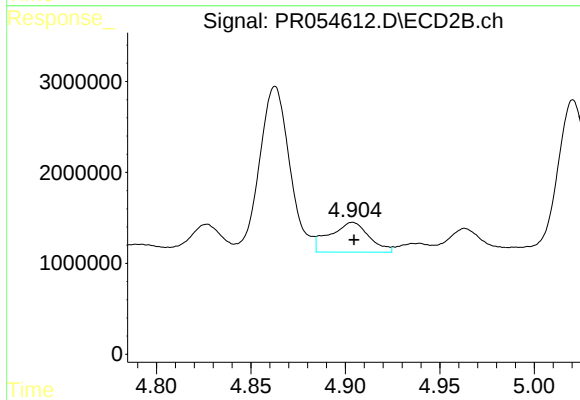
R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 25417573
Conc: 415.32 ng/ml



#25 AR-1248-5

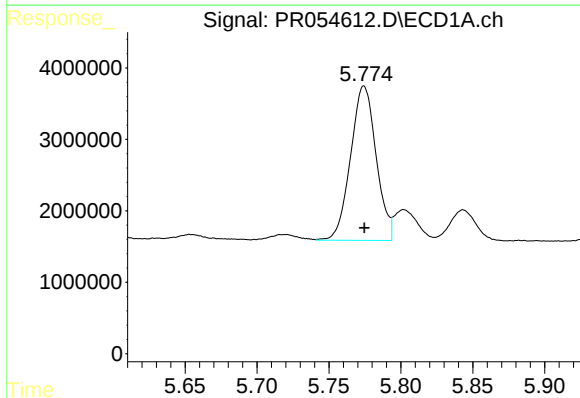
R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 5371122
Conc: 56.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



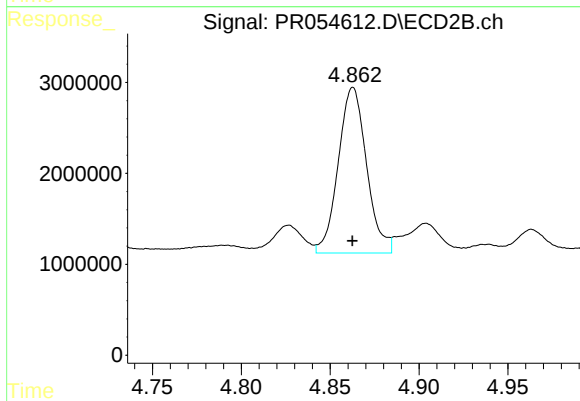
#25 AR-1248-5

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 4757683
Conc: 76.53 ng/ml



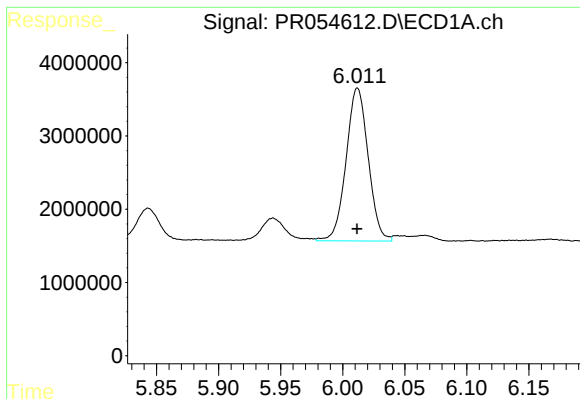
#26 AR-1254-1

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 26803591
Conc: 268.11 ng/ml



#26 AR-1254-1

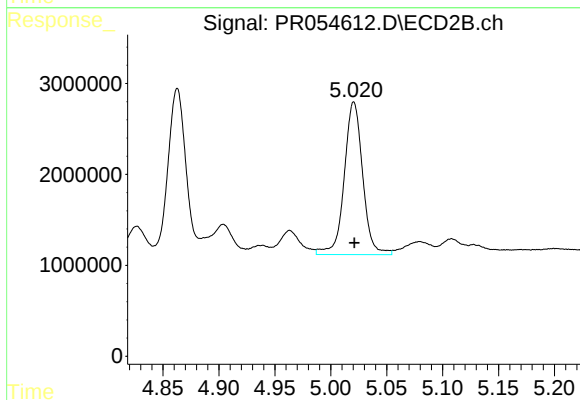
R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 20230413
Conc: 216.09 ng/ml



#27 AR-1254-2

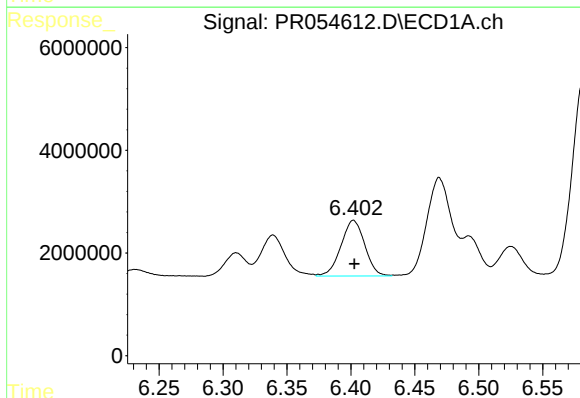
R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 25875006
Conc: 184.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



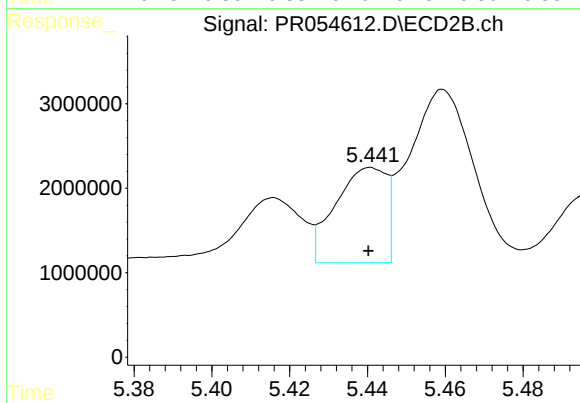
#27 AR-1254-2

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 19334694
Conc: 238.61 ng/ml



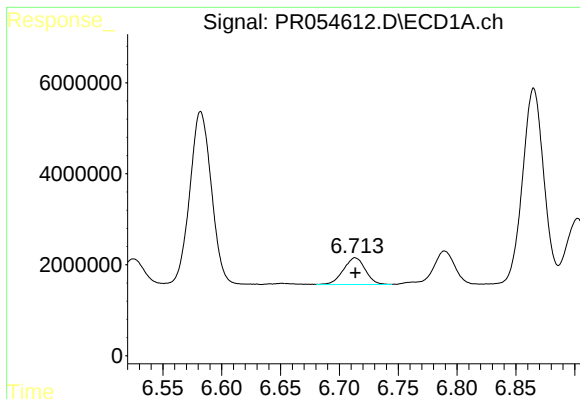
#28 AR-1254-3

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 14058953
Conc: 104.67 ng/ml



#28 AR-1254-3

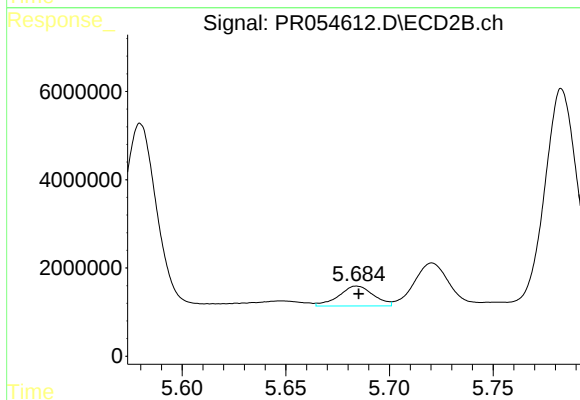
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 10238459
Conc: 77.00 ng/ml



#29 AR-1254-4

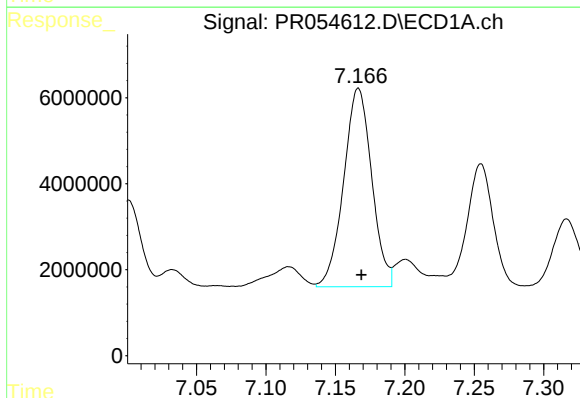
R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 7586925
Conc: 77.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



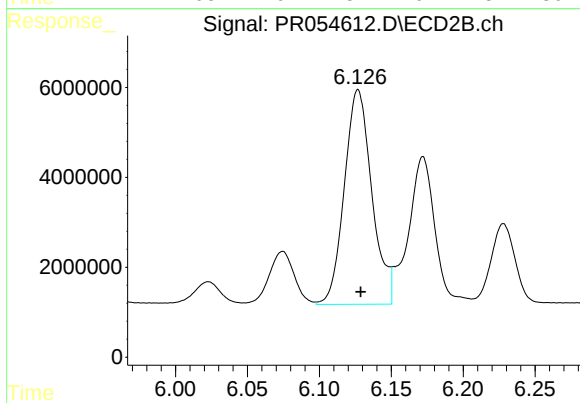
#29 AR-1254-4

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 5238078
Conc: 61.30 ng/ml



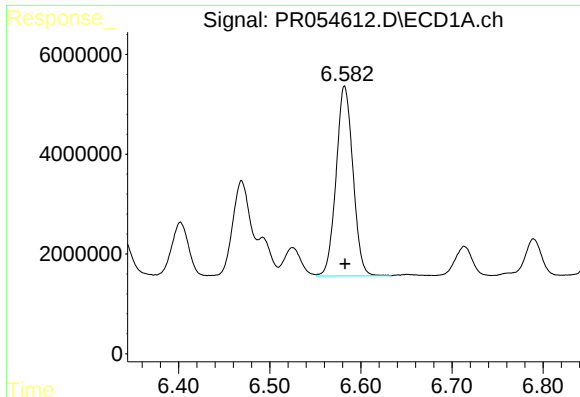
#30 AR-1254-5

R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 64969289
Conc: 666.59 ng/ml



#30 AR-1254-5

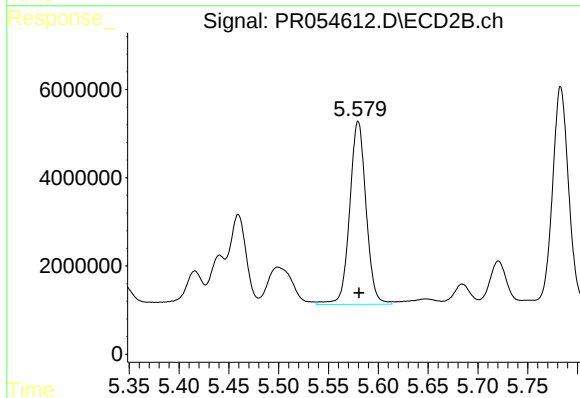
R.T.: 6.127 min
Delta R.T.: -0.002 min
Response: 63813091
Conc: 535.91 ng/ml



#31 AR-1260-1

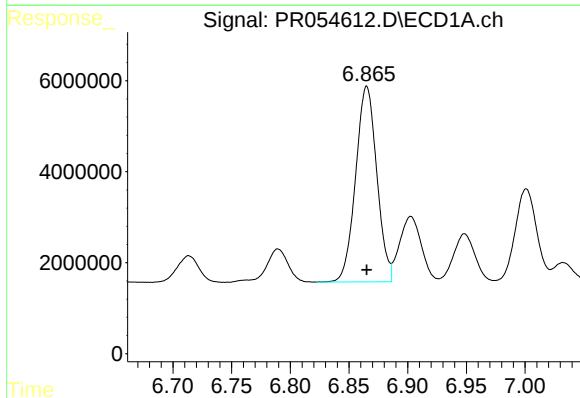
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 48892419
Conc: 475.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



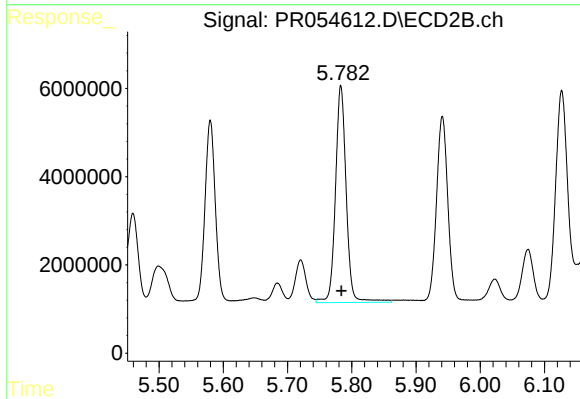
#31 AR-1260-1

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 47547148
Conc: 507.72 ng/ml



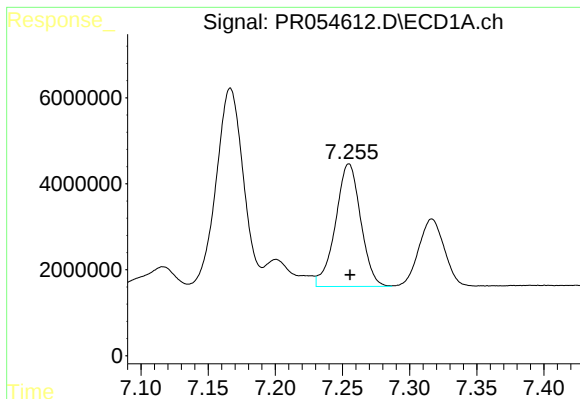
#32 AR-1260-2

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 54069603
Conc: 454.04 ng/ml



#32 AR-1260-2

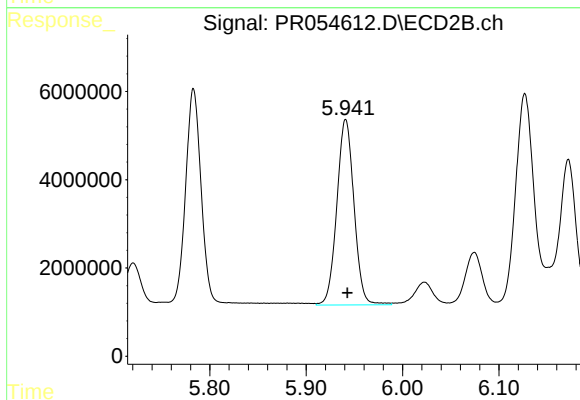
R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 57317639
Conc: 496.71 ng/ml



#33 AR-1260-3

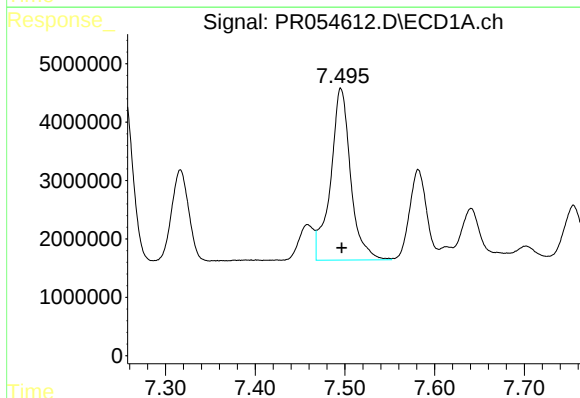
R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 37190441
Conc: 485.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



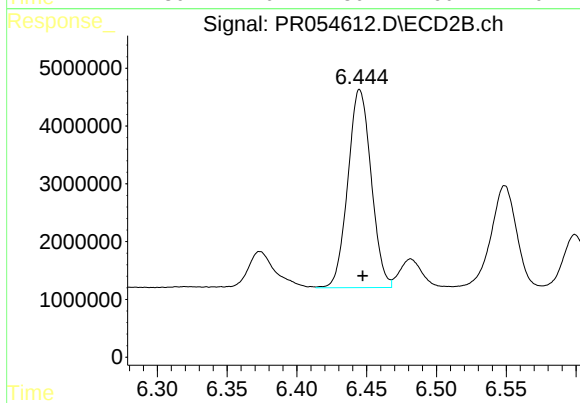
#33 AR-1260-3

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 52071523
Conc: 434.74 ng/ml



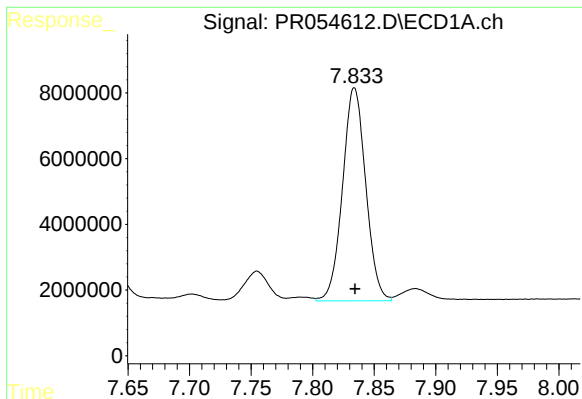
#34 AR-1260-4

R.T.: 7.496 min
Delta R.T.: -0.001 min
Response: 45802446
Conc: 508.06 ng/ml



#34 AR-1260-4

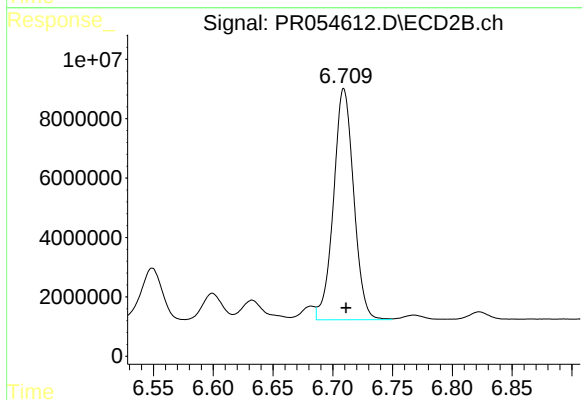
R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 39842533
Conc: 484.01 ng/ml



#35 AR-1260-5

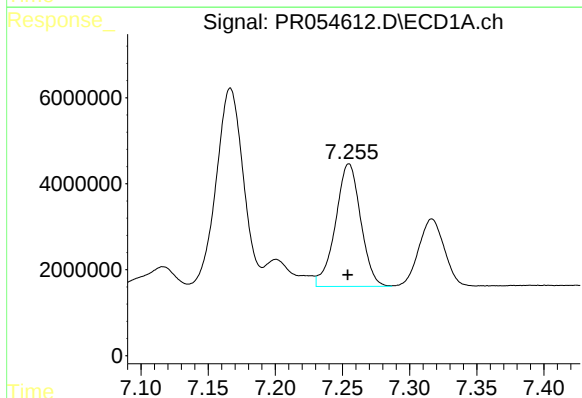
R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 85137390
Conc: 509.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



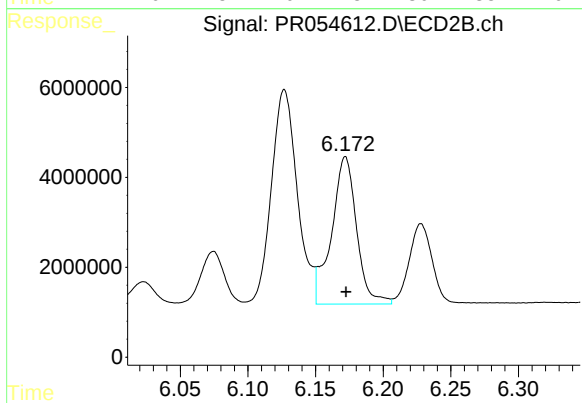
#35 AR-1260-5

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 91580285
Conc: 470.61 ng/ml



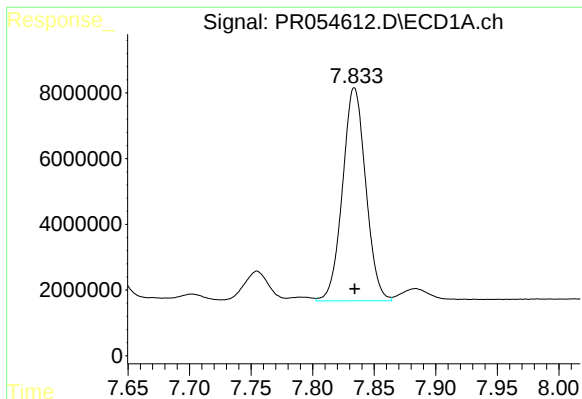
#36 AR-1262-1

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 37190441
Conc: 321.75 ng/ml



#36 AR-1262-1

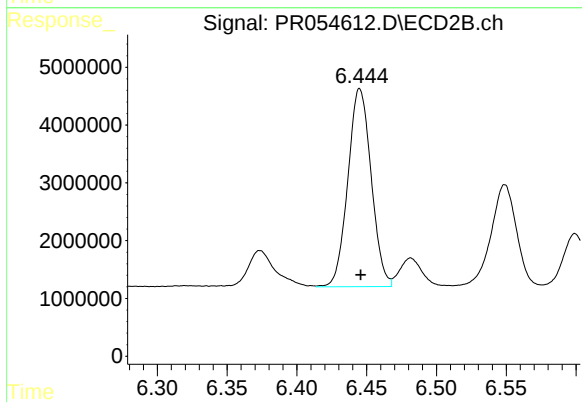
R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 42311005
Conc: 347.37 ng/ml



#37 AR-1262-2

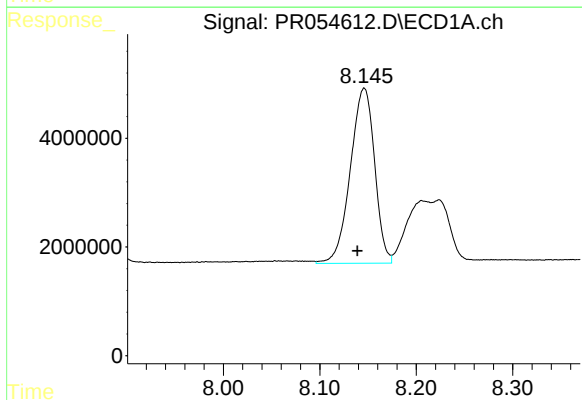
R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 85137390
Conc: 427.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



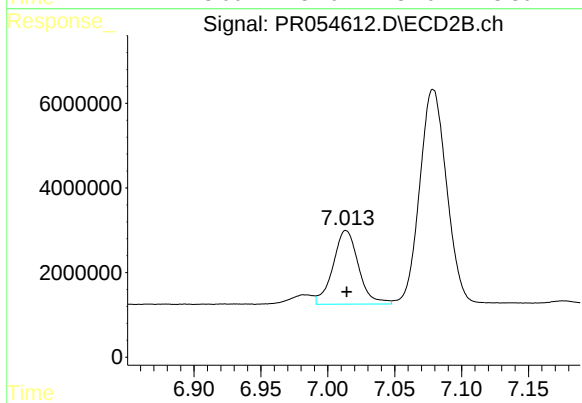
#37 AR-1262-2

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 39842533
Conc: 357.77 ng/ml



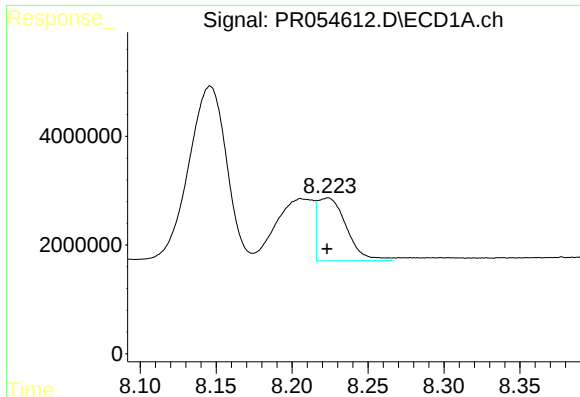
#38 AR-1262-3

R.T.: 8.146 min
Delta R.T.: 0.007 min
Response: 56328727
Conc: 410.83 ng/ml



#38 AR-1262-3

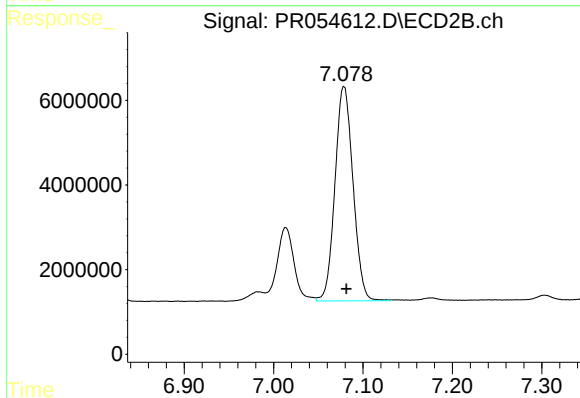
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 23111758
Conc: 262.69 ng/ml



#39 AR-1262-4

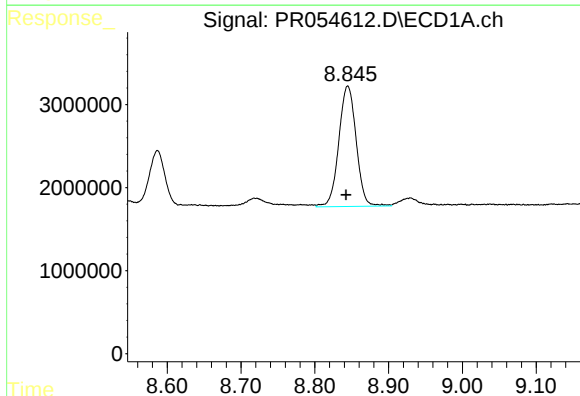
R.T.: 8.223 min
Delta R.T.: 0.000 min
Response: 15354808
Conc: 250.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



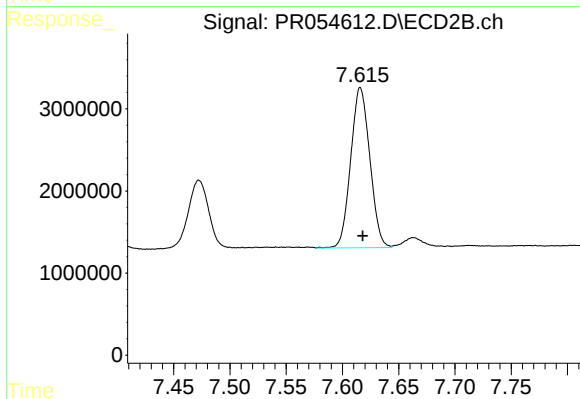
#39 AR-1262-4

R.T.: 7.079 min
Delta R.T.: -0.003 min
Response: 71294905
Conc: 424.53 ng/ml



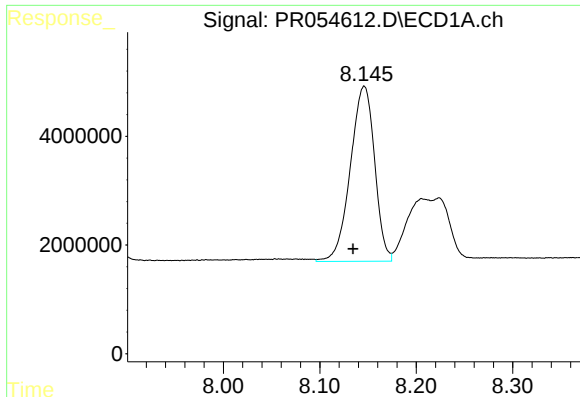
#40 AR-1262-5

R.T.: 8.845 min
Delta R.T.: 0.002 min
Response: 23755774
Conc: 314.10 ng/ml



#40 AR-1262-5

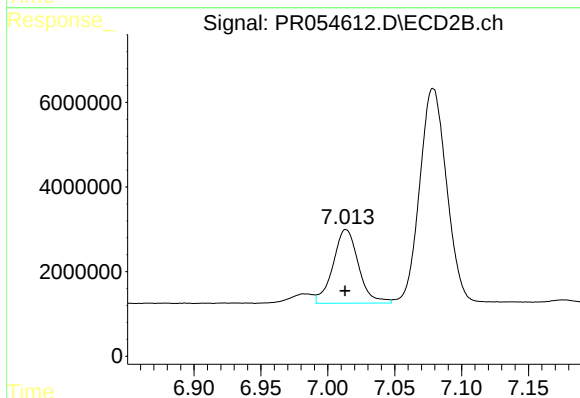
R.T.: 7.616 min
Delta R.T.: -0.002 min
Response: 23071967
Conc: 290.51 ng/ml



#41 AR-1268-1

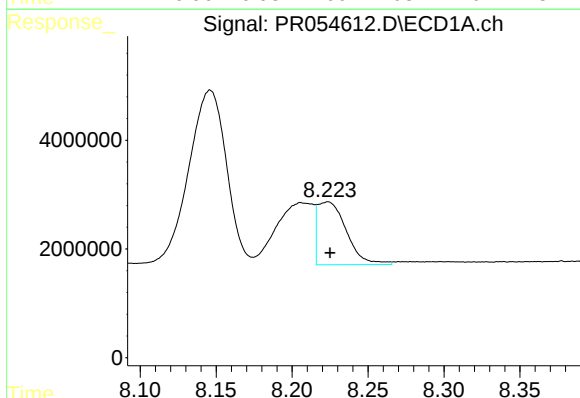
R.T.: 8.146 min
Delta R.T.: 0.012 min
Response: 56328727
Conc: 241.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



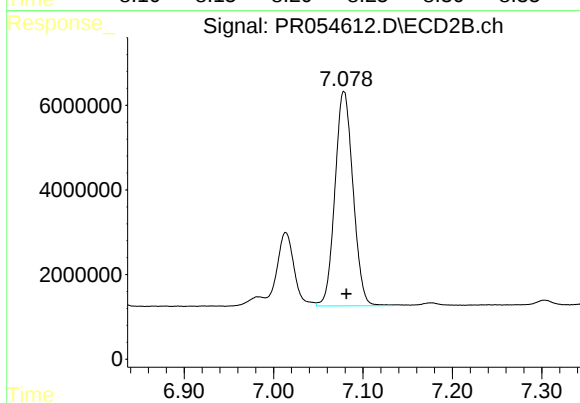
#41 AR-1268-1

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 23111758
Conc: 89.50 ng/ml



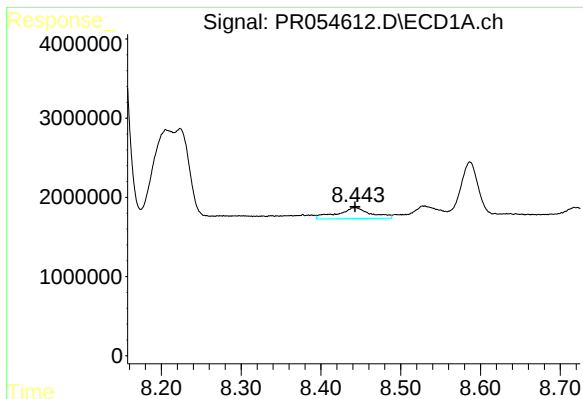
#42 AR-1268-2

R.T.: 8.223 min
Delta R.T.: -0.002 min
Response: 15354808
Conc: 71.39 ng/ml



#42 AR-1268-2

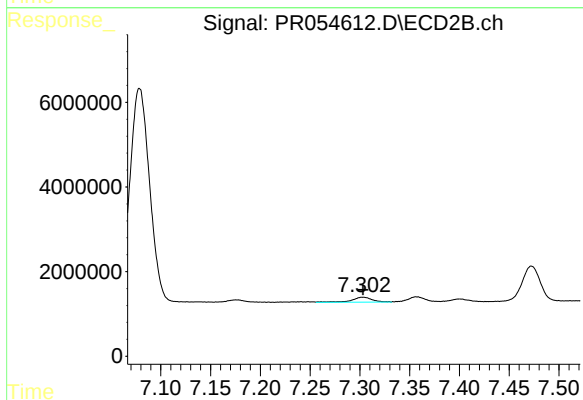
R.T.: 7.079 min
Delta R.T.: -0.003 min
Response: 71294905
Conc: 299.25 ng/ml



#43 AR-1268-3

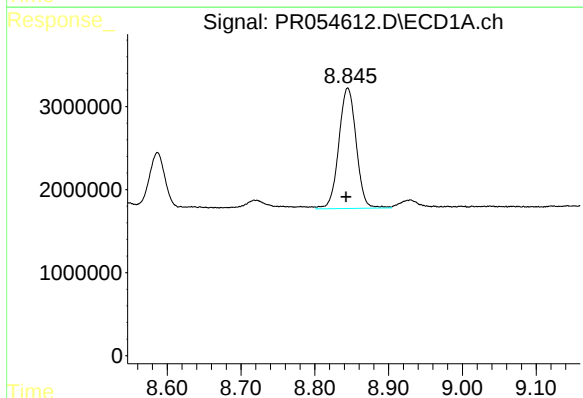
R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 4035167
Conc: 22.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



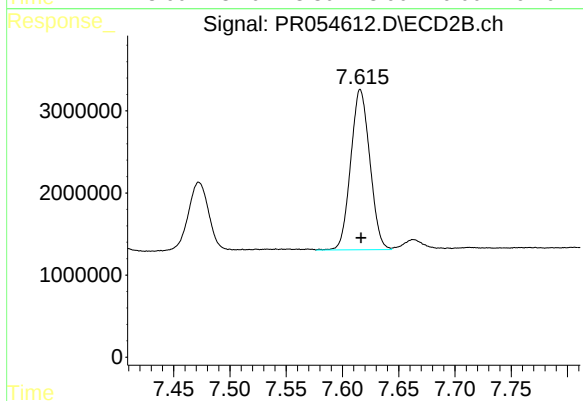
#43 AR-1268-3

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 1629228
Conc: 8.20 ng/ml



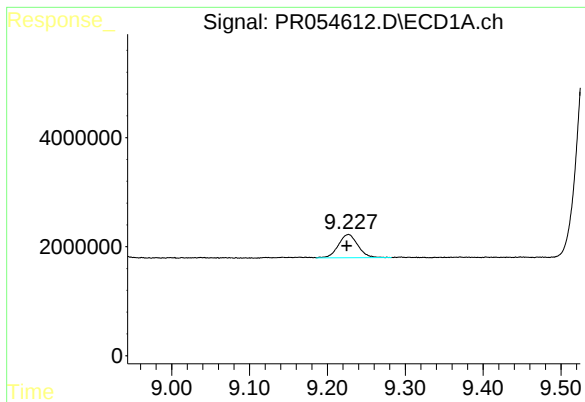
#44 AR-1268-4

R.T.: 8.845 min
Delta R.T.: 0.002 min
Response: 23755774
Conc: 281.23 ng/ml



#44 AR-1268-4

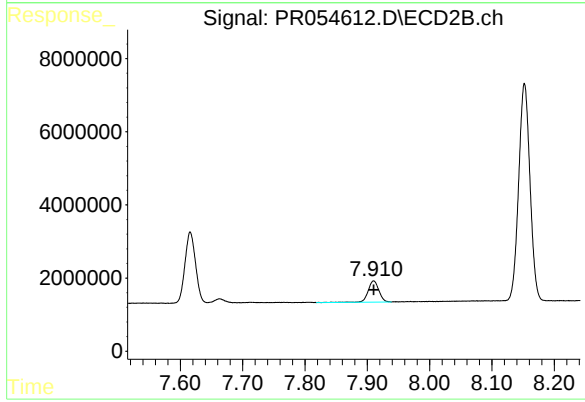
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 23071967
Conc: 258.64 ng/ml



#45 AR-1268-5

R.T.: 9.227 min
Delta R.T.: 0.002 min
Response: 7400627
Conc: 12.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 6980437
Conc: 10.75 ng/ml