

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
 Data File : PR051376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 00:15
 Operator : AJ\MA
 Sample : M2940-02
 Misc : AR1660 LOD 50 PPB
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:14:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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...	4.629	3.809	116.4E6	107.4E6	14.244	14.440
2)	SA Decachlor...	10.502	8.831	155.5E6	119.4E6	16.188	14.928
Target Compounds							
3)	L1 AR-1016-1	5.812	4.895	20170097	16130874	55.594	54.821
4)	L1 AR-1016-2	5.834	4.913	28695046	22121110	55.308	52.393
5)	L1 AR-1016-3	5.896	5.089	17357139	12181783	57.203	54.717
6)	L1 AR-1016-4	5.997	5.131	14133857	11222367	55.008	66.260
7)	L1 AR-1016-5	6.290	5.343	13784463	12712526	55.638	57.504
8)	L2 AR-1221-1	4.836	4.024	940156	1871876	10.674	25.499 #
9)	L2 AR-1221-2	4.935	4.108	3931628	2866516	58.456	48.603
10)	L2 AR-1221-3	5.009	4.183	9064593	7723340	42.168	40.591
11)	L3 AR-1232-1	5.009	4.183	9064593	7723340	50.206	47.830
12)	L3 AR-1232-2	5.542	4.913	13146711	22121110	135.239	131.959
13)	L3 AR-1232-3	5.834	5.089	28695046	12181783	137.267	139.784
14)	L3 AR-1232-4	5.997	5.172	14133857	12088311	136.887	164.343
15)	L3 AR-1232-5	6.083	5.343	13312404	12712526	177.243	156.242
16)	L4 AR-1242-1	5.812	4.895	20170097	16130874	78.805	77.833
17)	L4 AR-1242-2	5.834	4.913	28695046	22121110	75.904	72.950
18)	L4 AR-1242-3	5.896	5.089	17357139	12181783	78.899	76.329
19)	L4 AR-1242-4	5.997	5.172	14133857	12088311	75.817	81.811
20)	L4 AR-1242-5	6.735	5.694	3919444	9532392	17.907	47.535 #
21)	L5 AR-1248-1	5.812	4.895	20170097	16130874	95.651	94.553
22)	L5 AR-1248-2	6.083	5.131	13312404	11222367	45.468	48.997
23)	L5 AR-1248-3	6.290	5.172	13784463	12088311	41.247	50.781
24)	L5 AR-1248-4	6.696	5.343	3645622	12712526	8.769	44.307 #
25)	L5 AR-1248-5	6.735	5.735	3919444	1680637	9.826	5.483 #
26)	L6 AR-1254-1	6.667	5.694	11303471	9532392	31.891	23.208 #
27)	L6 AR-1254-2	6.884	5.841	13567255	8650498	24.136	24.866
28)	L6 AR-1254-3	7.256	6.258	8546155	20436380	14.275	33.915 #
29)	L6 AR-1254-4	7.542	6.470	7851576	2359579	15.972	6.285 #
30)	L6 AR-1254-5	7.961	6.886	39375638	31459460	83.111	60.899 #
31)	L7 AR-1260-1	7.417	6.373	28805039	23263257	60.370	56.442
32)	L7 AR-1260-2	7.674	6.559	35787585	28394210	56.664	56.166
33)	L7 AR-1260-3	8.032	6.713	29818366	26258013	59.638	53.626
34)	L7 AR-1260-4	8.268	7.183	30378135	22571441	59.318	55.226
35)	L7 AR-1260-5	8.604	7.422	61893442	53982308	53.704	51.510
36)	L8 AR-1262-1	8.032	6.886	29818366	31459460	45.417	113.749 #
37)	L8 AR-1262-2	8.604	7.422	61893442	53982308	51.524	53.155
38)	L8 AR-1262-3	8.928	7.706	14601262	12869515	19.149	34.982 #
39)	L8 AR-1262-4	9.006f	7.769	24304397	40117910	41.736	55.043 #
40)	L8 AR-1262-5	9.718	8.269	19493184	15233865	46.374	46.705
41)	L9 AR-1268-1	8.928	7.706	14601262	12869515	10.330	11.948

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 Misc : AR1660 LOD 50 PPB
 ALS Vial : 35 Sample Multiplier: 1

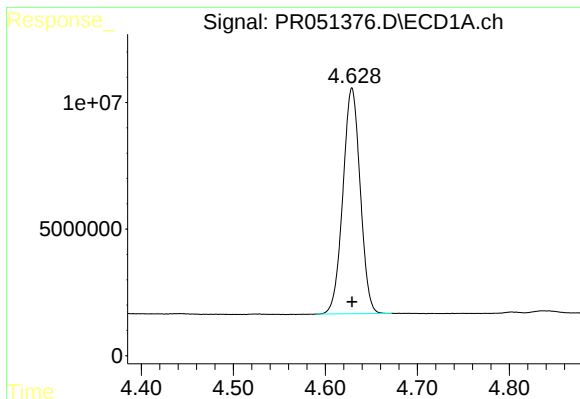
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
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 Quant Time: Jul 28 03:14:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
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 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	9.006f	7.769	24304397	40117910	19.036	40.289 #
43) L9	AR-1268-3	9.262	7.979	1717050	1309261	1.538	1.591
44) L9	AR-1268-4	9.718	8.269	19493184	15233865	42.975	42.918
45) L9	AR-1268-5	10.150	8.569	6484285	5178330	1.773	1.863

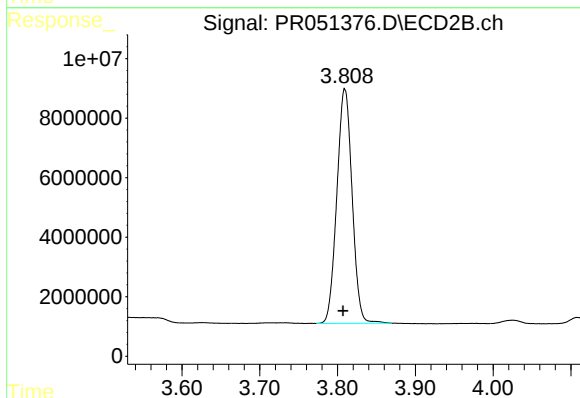
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

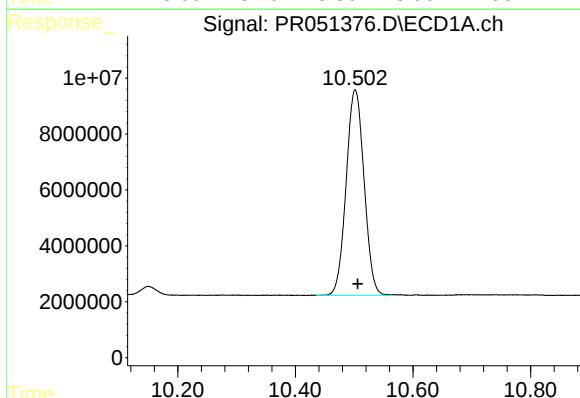
R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 116416255
Conc: 14.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



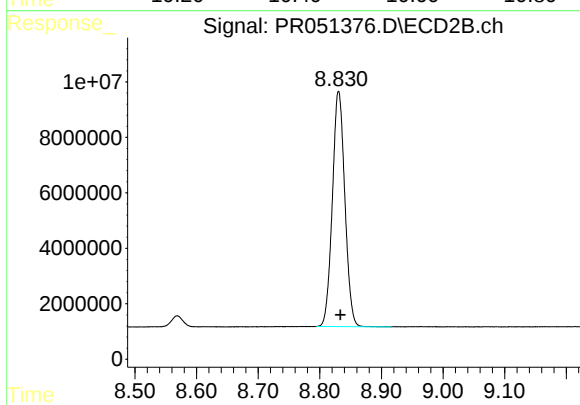
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: 0.002 min
Response: 107369078
Conc: 14.44 ng/ml



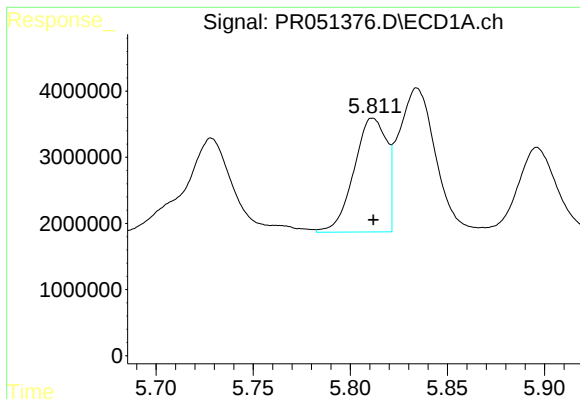
#2 Decachlorobiphenyl

R.T.: 10.502 min
Delta R.T.: -0.004 min
Response: 155490002
Conc: 16.19 ng/ml



#2 Decachlorobiphenyl

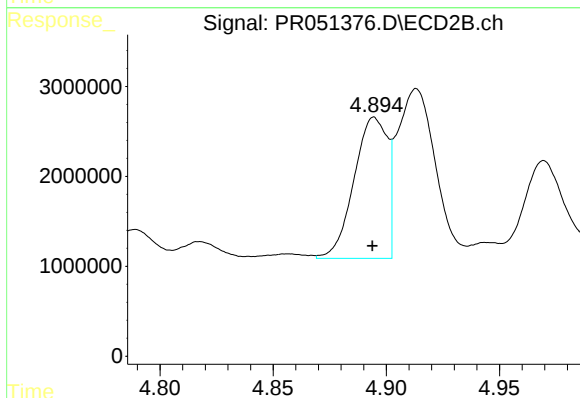
R.T.: 8.831 min
Delta R.T.: -0.003 min
Response: 119355237
Conc: 14.93 ng/ml



#3 AR-1016-1

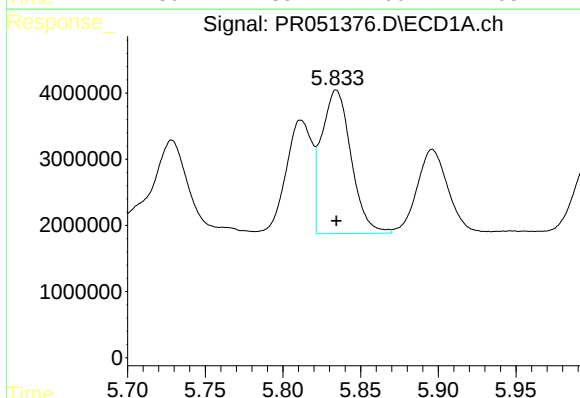
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 20170097
Conc: 55.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



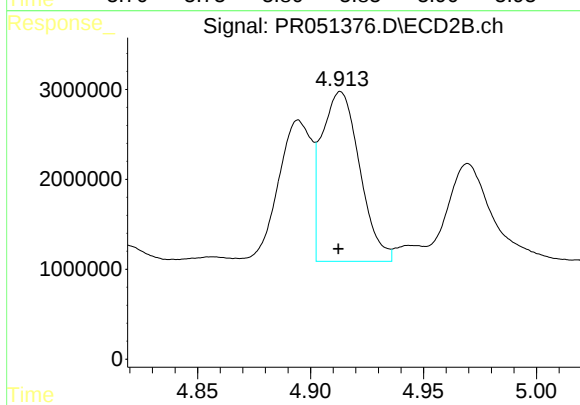
#3 AR-1016-1

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 16130874
Conc: 54.82 ng/ml



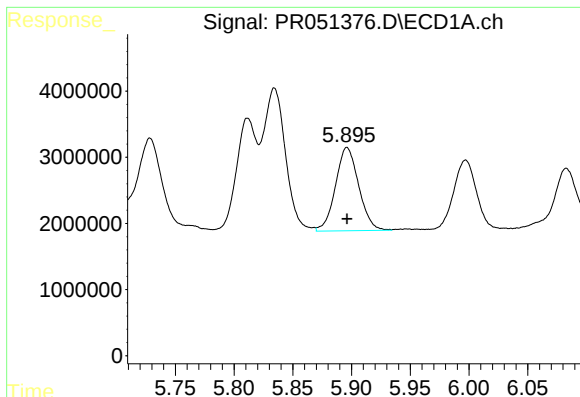
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 28695046
Conc: 55.31 ng/ml



#4 AR-1016-2

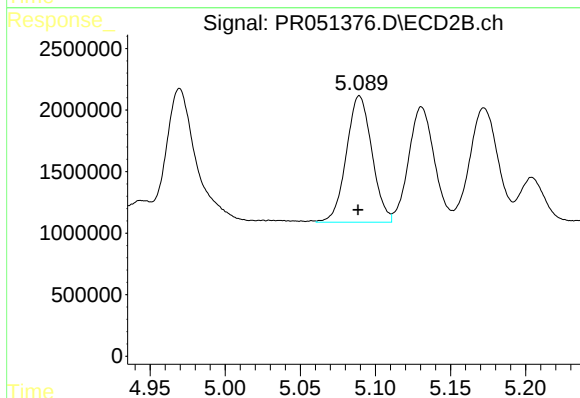
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 22121110
Conc: 52.39 ng/ml



#5 AR-1016-3

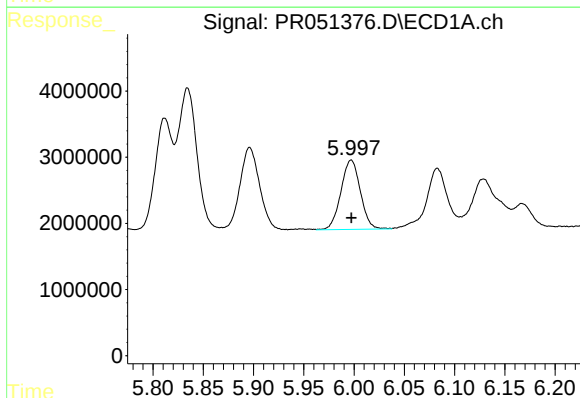
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 17357139
Conc: 57.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



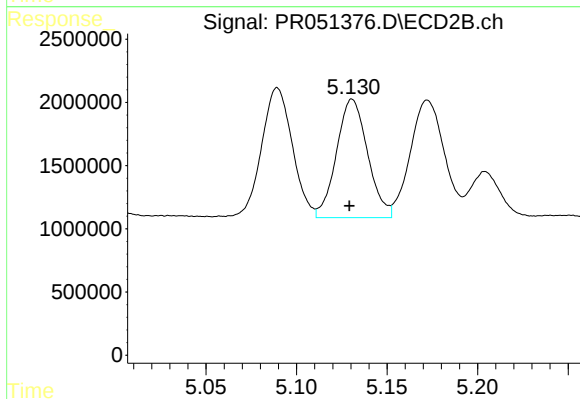
#5 AR-1016-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 12181783
Conc: 54.72 ng/ml



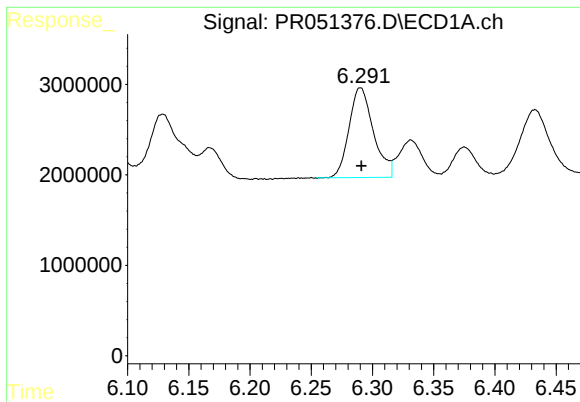
#6 AR-1016-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 14133857
Conc: 55.01 ng/ml



#6 AR-1016-4

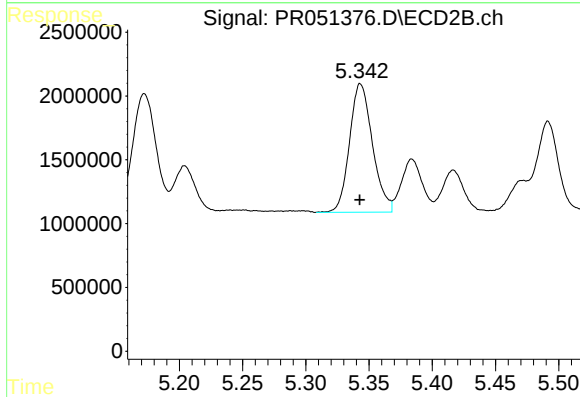
R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 11222367
Conc: 66.26 ng/ml



#7 AR-1016-5

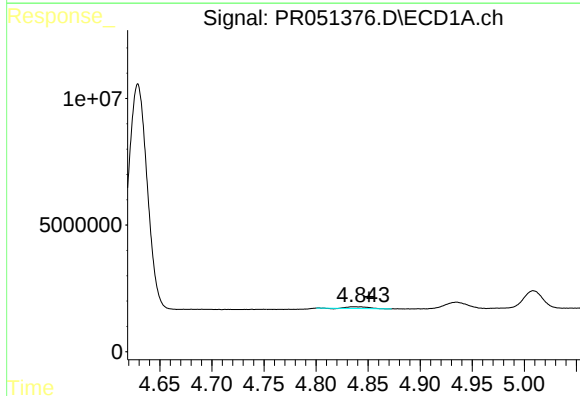
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 13784463
Conc: 55.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



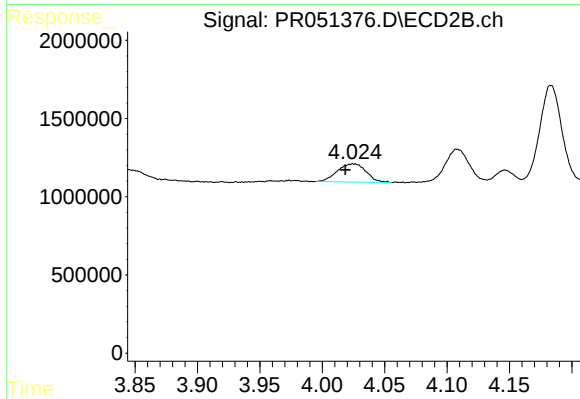
#7 AR-1016-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 12712526
Conc: 57.50 ng/ml



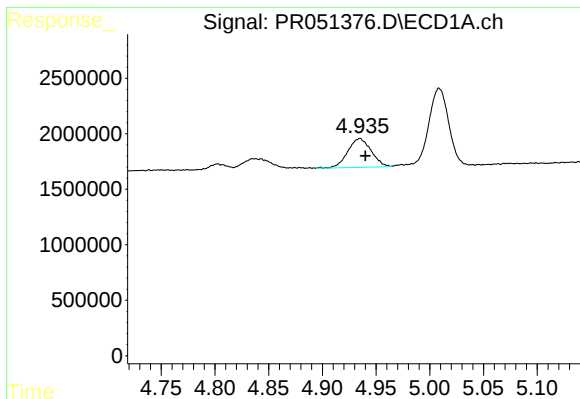
#8 AR-1221-1

R.T.: 4.836 min
Delta R.T.: -0.015 min
Response: 940156
Conc: 10.67 ng/ml



#8 AR-1221-1

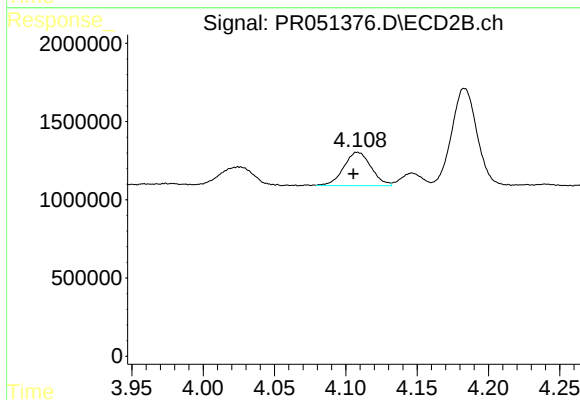
R.T.: 4.024 min
Delta R.T.: 0.006 min
Response: 1871876
Conc: 25.50 ng/ml



#9 AR-1221-2

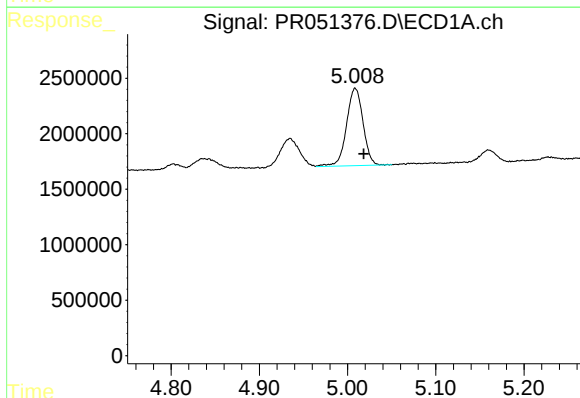
R.T.: 4.935 min
Delta R.T.: -0.005 min
Response: 3931628
Conc: 58.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



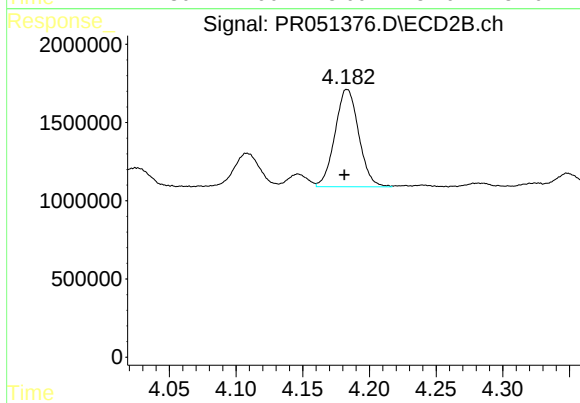
#9 AR-1221-2

R.T.: 4.108 min
Delta R.T.: 0.003 min
Response: 2866516
Conc: 48.60 ng/ml



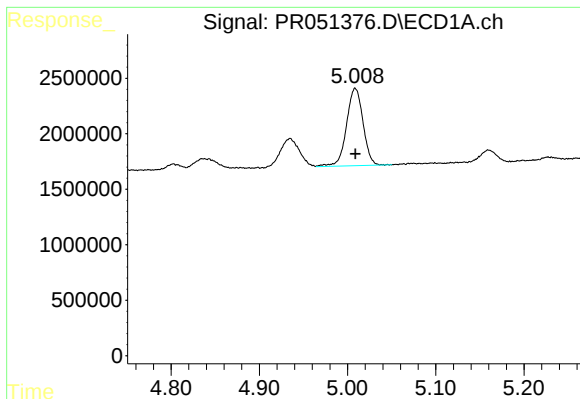
#10 AR-1221-3

R.T.: 5.009 min
Delta R.T.: -0.010 min
Response: 9064593
Conc: 42.17 ng/ml



#10 AR-1221-3

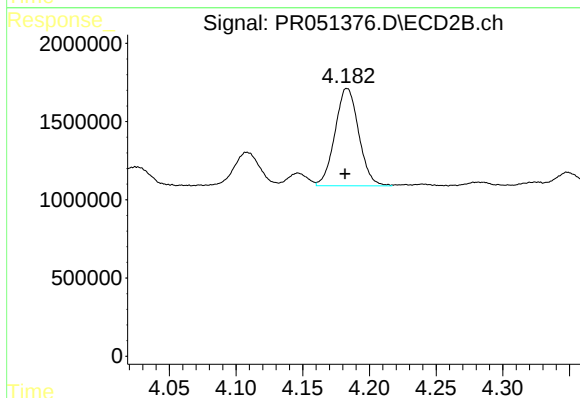
R.T.: 4.183 min
Delta R.T.: 0.002 min
Response: 7723340
Conc: 40.59 ng/ml



#11 AR-1232-1

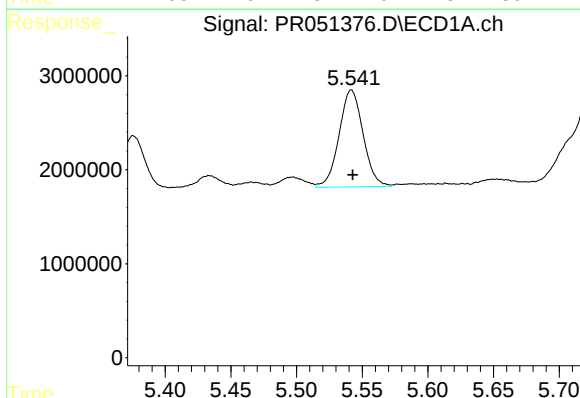
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 9064593
Conc: 50.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



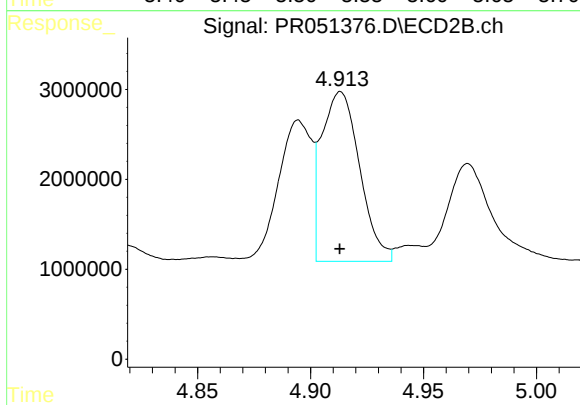
#11 AR-1232-1

R.T.: 4.183 min
Delta R.T.: 0.001 min
Response: 7723340
Conc: 47.83 ng/ml



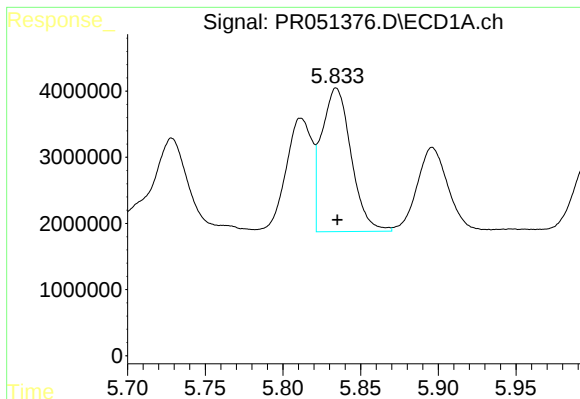
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 13146711
Conc: 135.24 ng/ml



#12 AR-1232-2

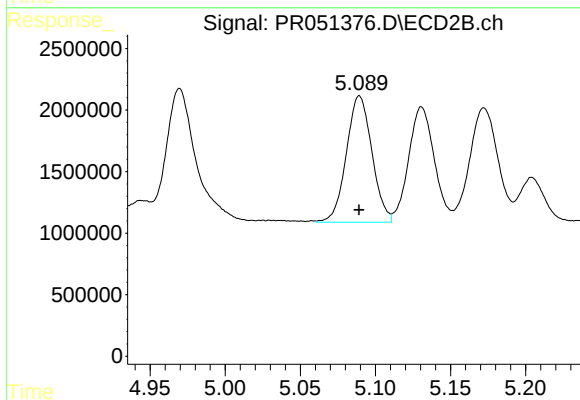
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 22121110
Conc: 131.96 ng/ml



#13 AR-1232-3

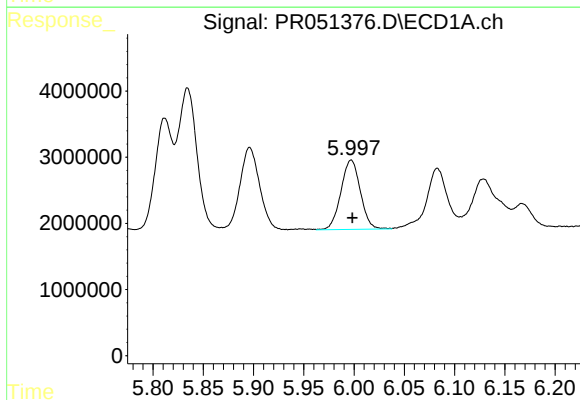
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 28695046
Conc: 137.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



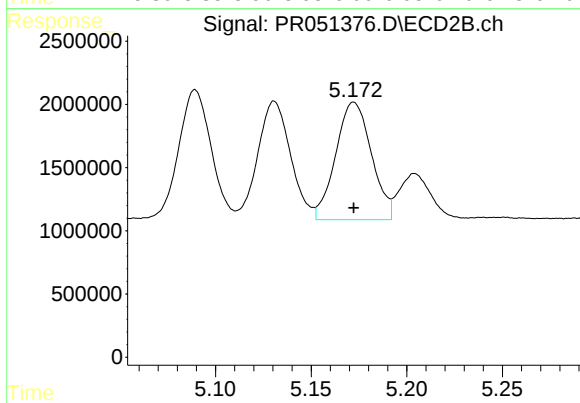
#13 AR-1232-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 12181783
Conc: 139.78 ng/ml



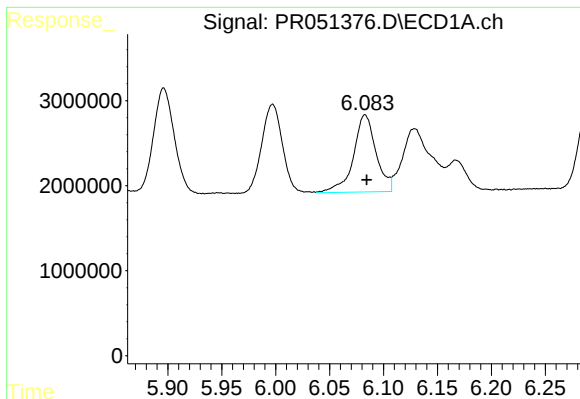
#14 AR-1232-4

R.T.: 5.997 min
Delta R.T.: -0.001 min
Response: 14133857
Conc: 136.89 ng/ml



#14 AR-1232-4

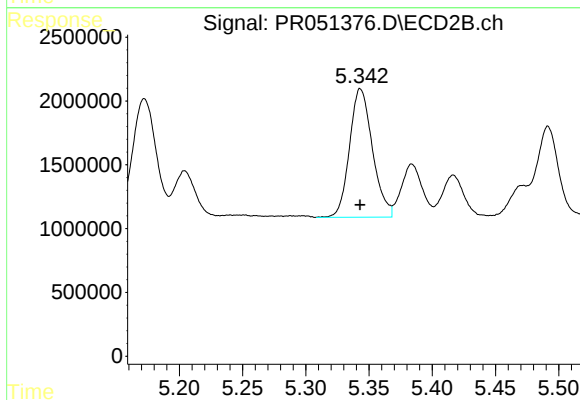
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 12088311
Conc: 164.34 ng/ml



#15 AR-1232-5

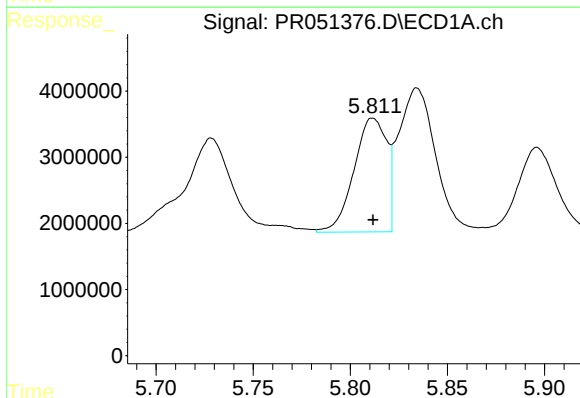
R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 13312404
Conc: 177.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



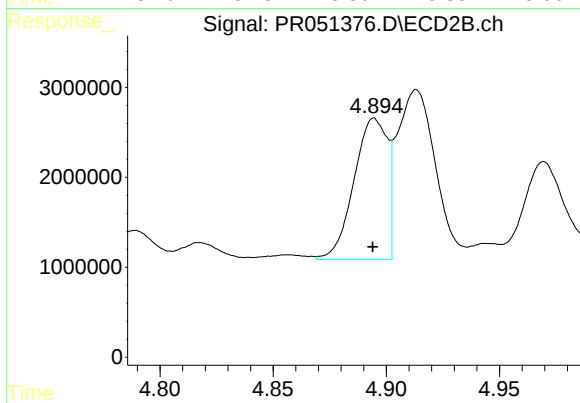
#15 AR-1232-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 12712526
Conc: 156.24 ng/ml



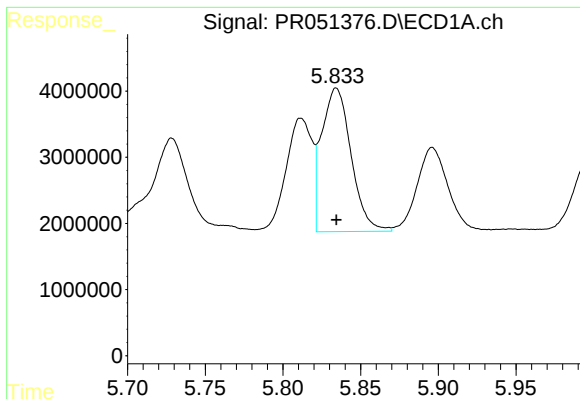
#16 AR-1242-1

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 20170097
Conc: 78.81 ng/ml



#16 AR-1242-1

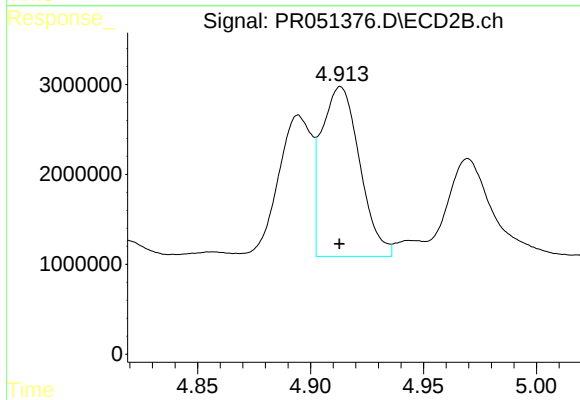
R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 16130874
Conc: 77.83 ng/ml



#17 AR-1242-2

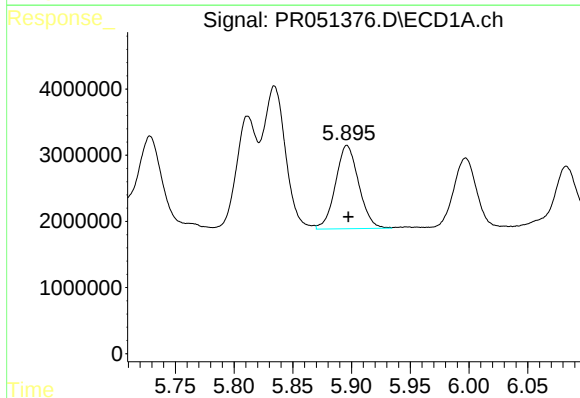
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 28695046
Conc: 75.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



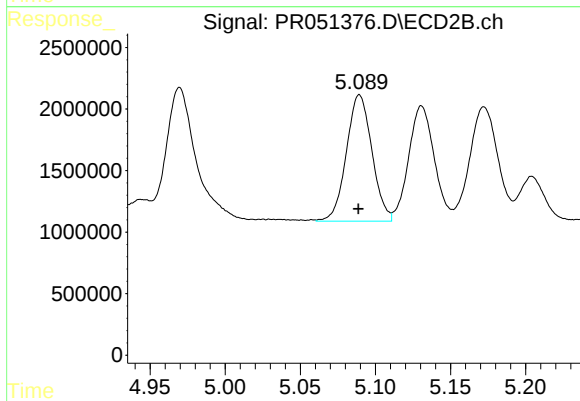
#17 AR-1242-2

R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 22121110
Conc: 72.95 ng/ml



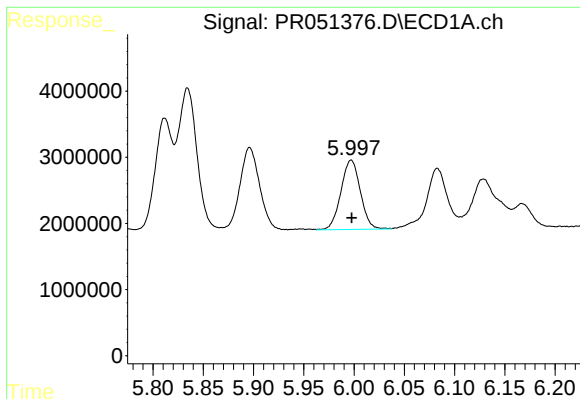
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 17357139
Conc: 78.90 ng/ml



#18 AR-1242-3

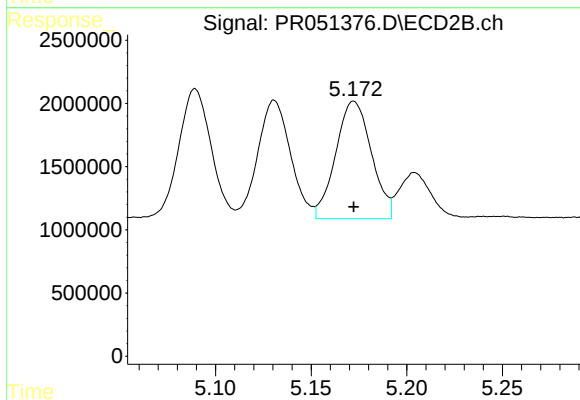
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 12181783
Conc: 76.33 ng/ml



#19 AR-1242-4

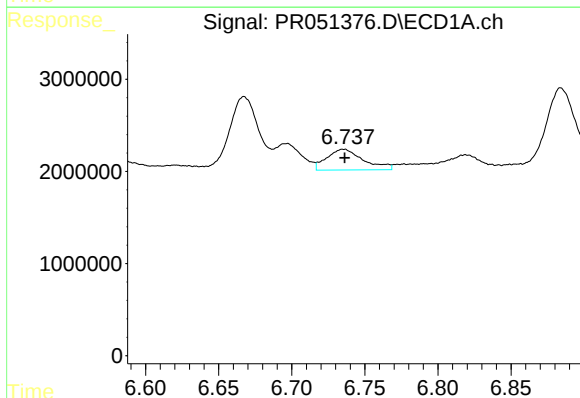
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 14133857
Conc: 75.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



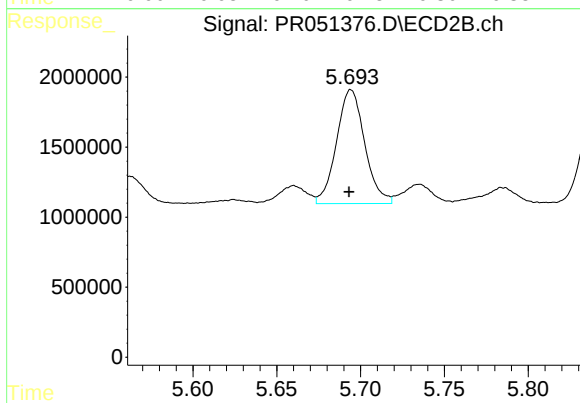
#19 AR-1242-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 12088311
Conc: 81.81 ng/ml



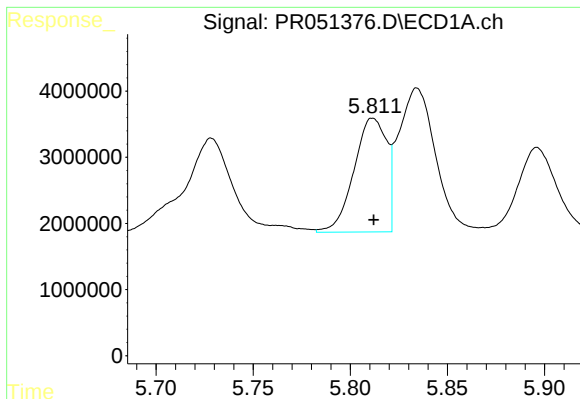
#20 AR-1242-5

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 3919444
Conc: 17.91 ng/ml



#20 AR-1242-5

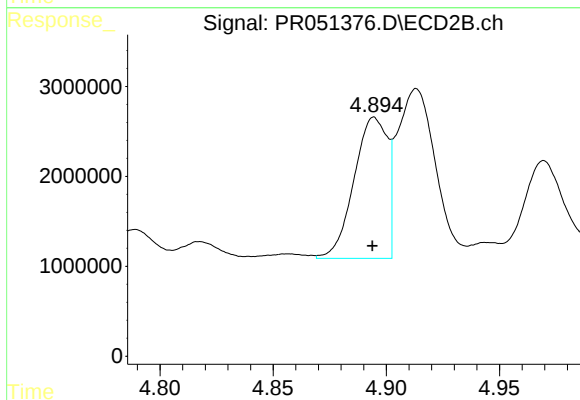
R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 9532392
Conc: 47.54 ng/ml



#21 AR-1248-1

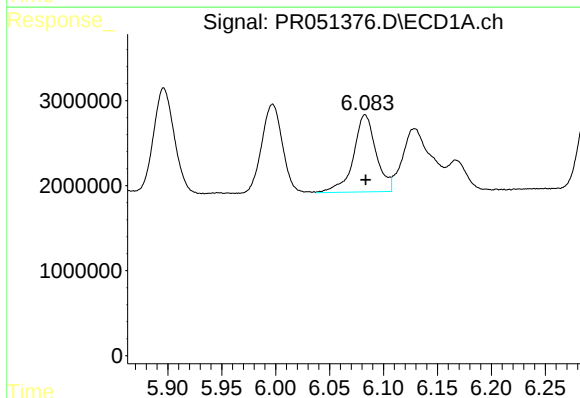
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 20170097
Conc: 95.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



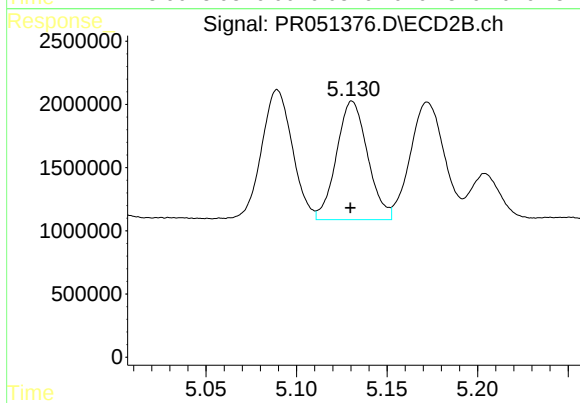
#21 AR-1248-1

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 16130874
Conc: 94.55 ng/ml



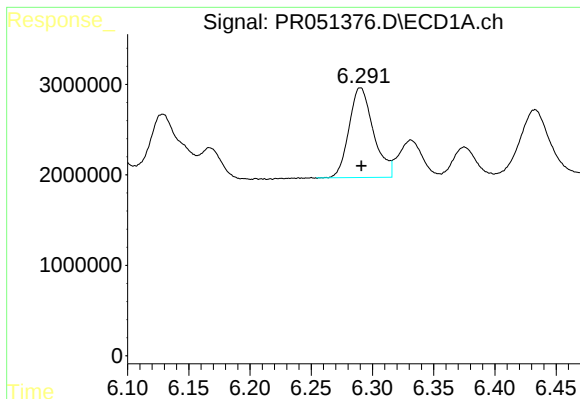
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 13312404
Conc: 45.47 ng/ml



#22 AR-1248-2

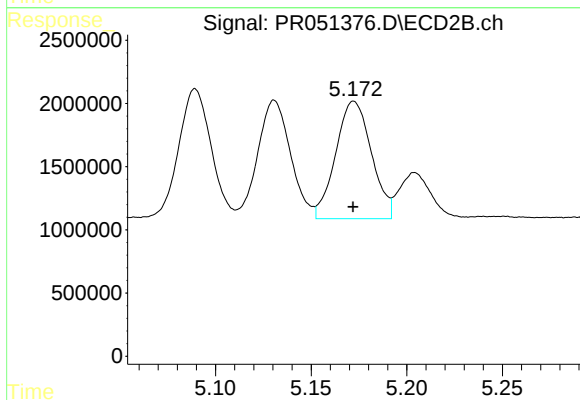
R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 11222367
Conc: 49.00 ng/ml



#23 AR-1248-3

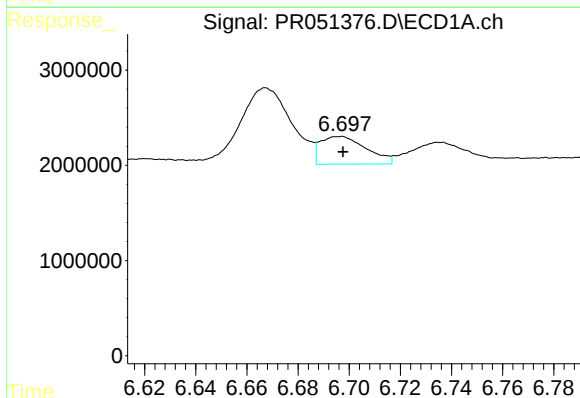
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 13784463
Conc: 41.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



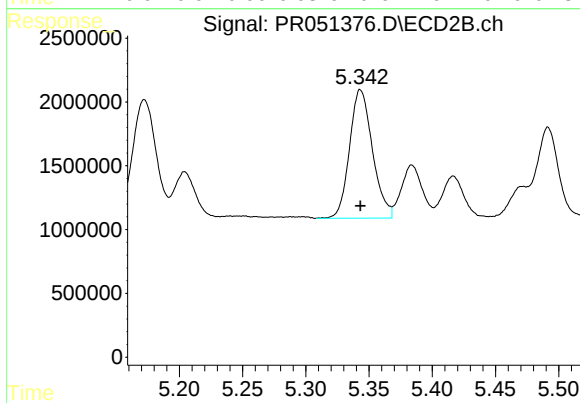
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 12088311
Conc: 50.78 ng/ml



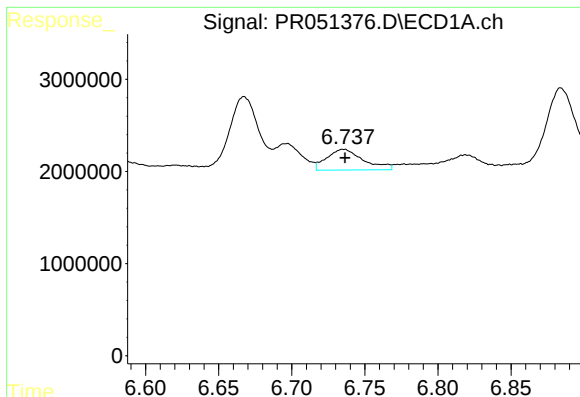
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: -0.001 min
Response: 3645622
Conc: 8.77 ng/ml



#24 AR-1248-4

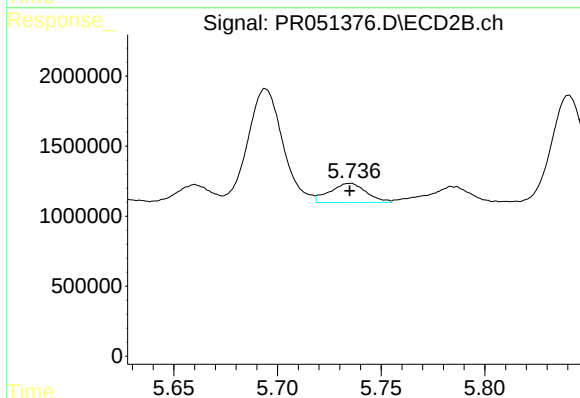
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 12712526
Conc: 44.31 ng/ml



#25 AR-1248-5

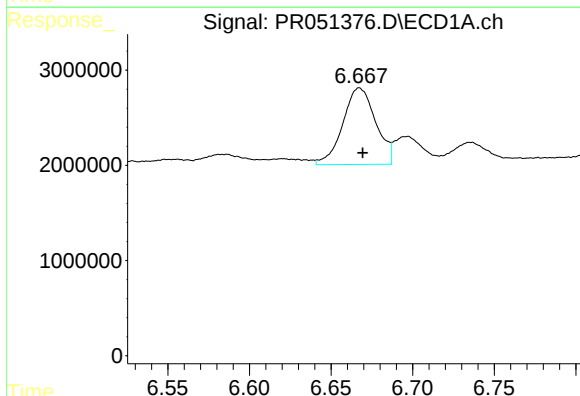
R.T.: 6.735 min
Delta R.T.: -0.001 min
Response: 3919444
Conc: 9.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



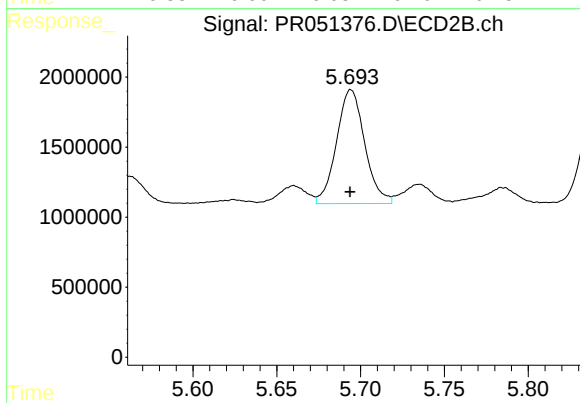
#25 AR-1248-5

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 1680637
Conc: 5.48 ng/ml



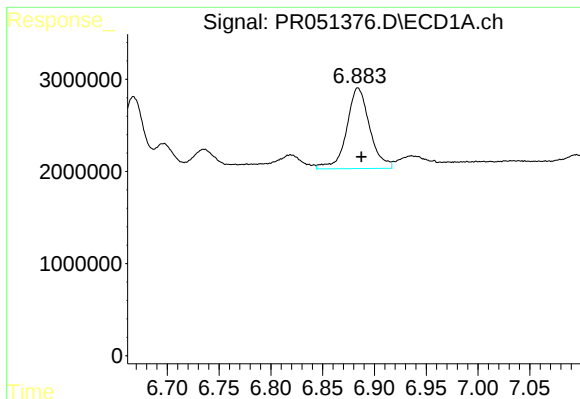
#26 AR-1254-1

R.T.: 6.667 min
Delta R.T.: -0.002 min
Response: 11303471
Conc: 31.89 ng/ml



#26 AR-1254-1

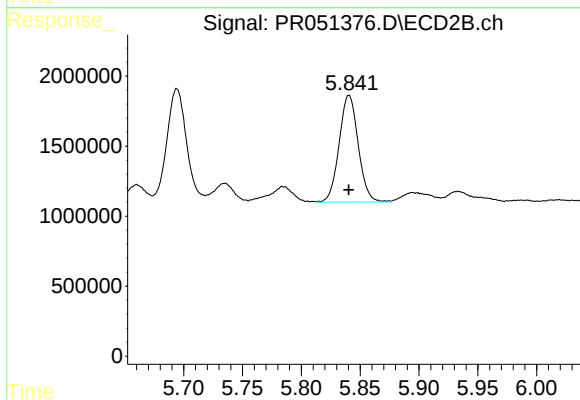
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 9532392
Conc: 23.21 ng/ml



#27 AR-1254-2

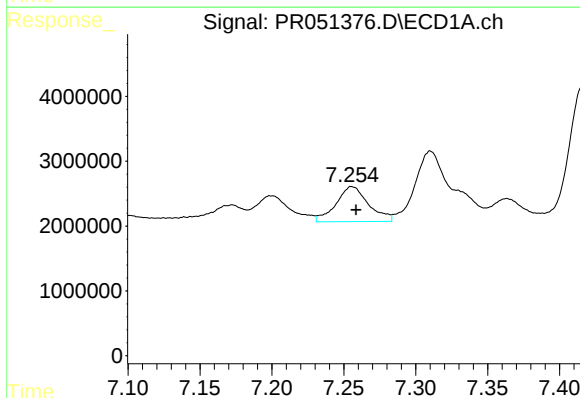
R.T.: 6.884 min
Delta R.T.: -0.003 min
Response: 13567255
Conc: 24.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



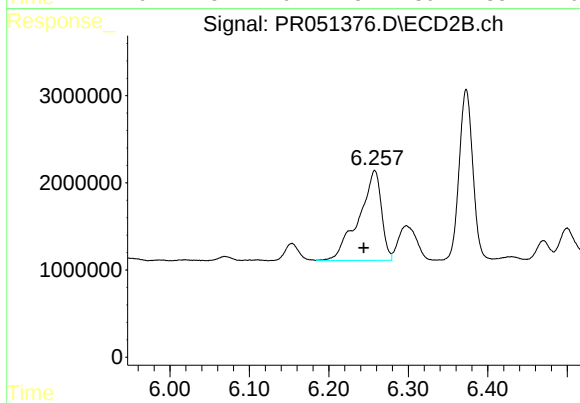
#27 AR-1254-2

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 8650498
Conc: 24.87 ng/ml



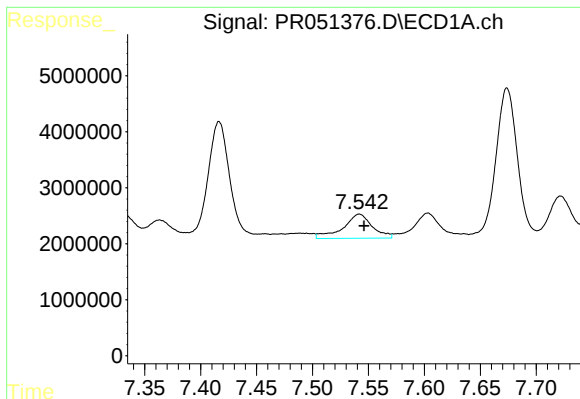
#28 AR-1254-3

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 8546155
Conc: 14.28 ng/ml



#28 AR-1254-3

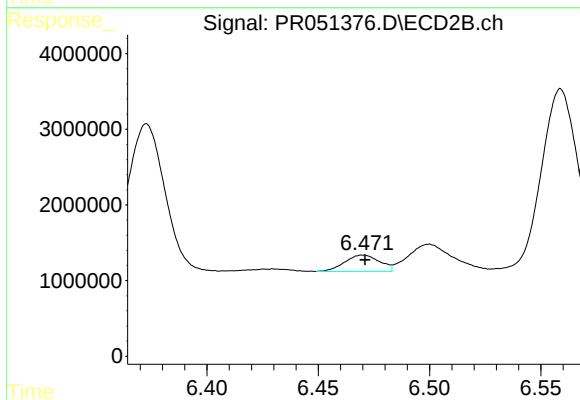
R.T.: 6.258 min
Delta R.T.: 0.014 min
Response: 20436380
Conc: 33.92 ng/ml



#29 AR-1254-4

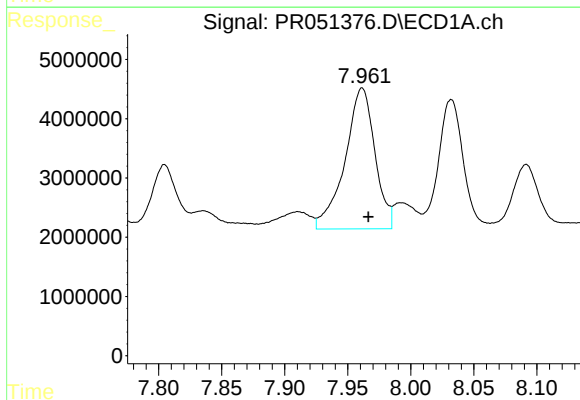
R.T.: 7.542 min
Delta R.T.: -0.004 min
Response: 7851576
Conc: 15.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



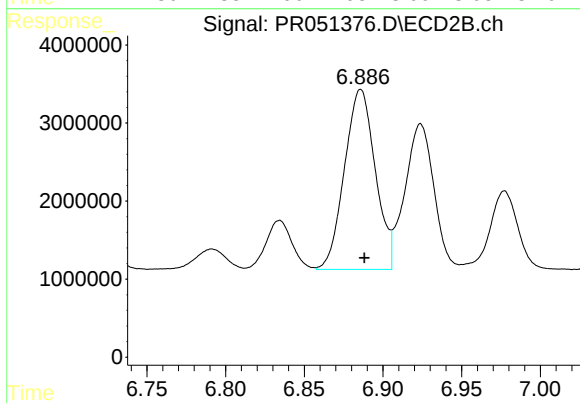
#29 AR-1254-4

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2359579
Conc: 6.28 ng/ml



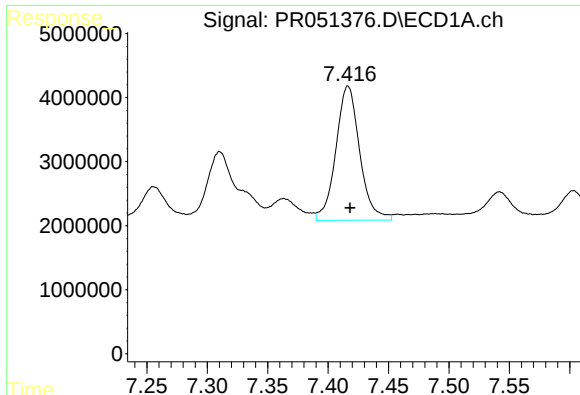
#30 AR-1254-5

R.T.: 7.961 min
Delta R.T.: -0.005 min
Response: 39375638
Conc: 83.11 ng/ml



#30 AR-1254-5

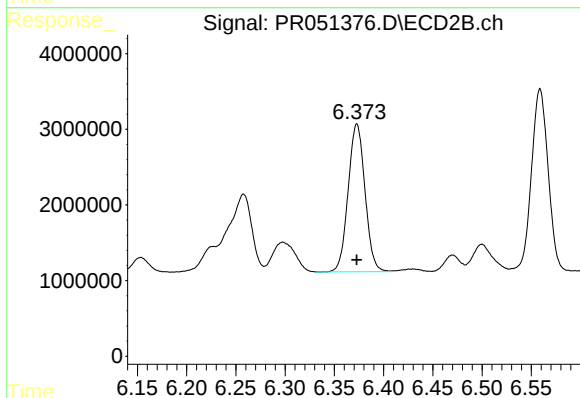
R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 31459460
Conc: 60.90 ng/ml



#31 AR-1260-1

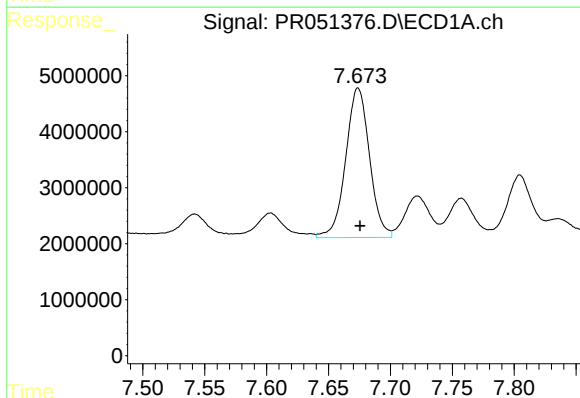
R.T.: 7.417 min
Delta R.T.: -0.002 min
Response: 28805039
Conc: 60.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



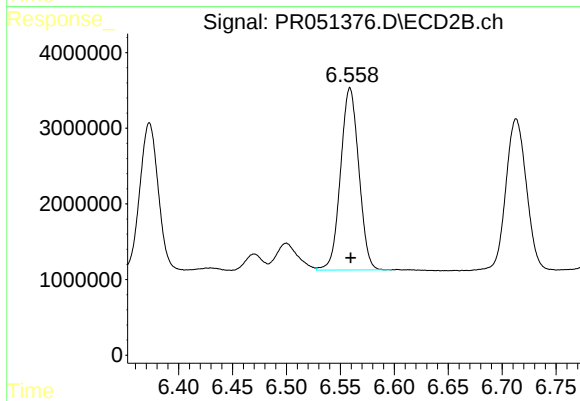
#31 AR-1260-1

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 23263257
Conc: 56.44 ng/ml



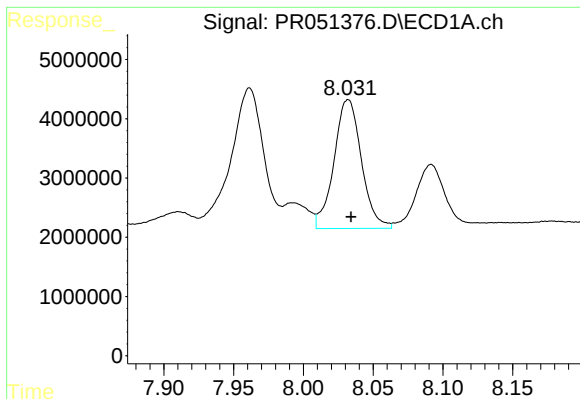
#32 AR-1260-2

R.T.: 7.674 min
Delta R.T.: -0.001 min
Response: 35787585
Conc: 56.66 ng/ml



#32 AR-1260-2

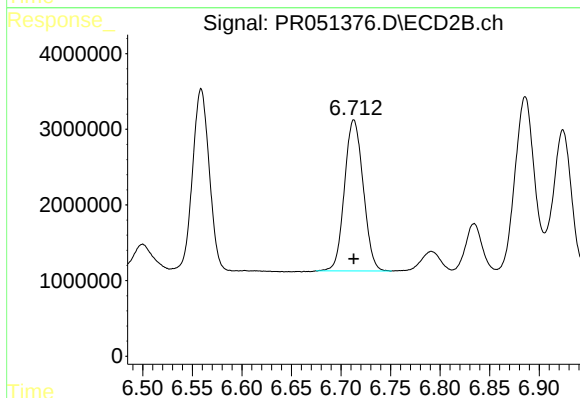
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 28394210
Conc: 56.17 ng/ml



#33 AR-1260-3

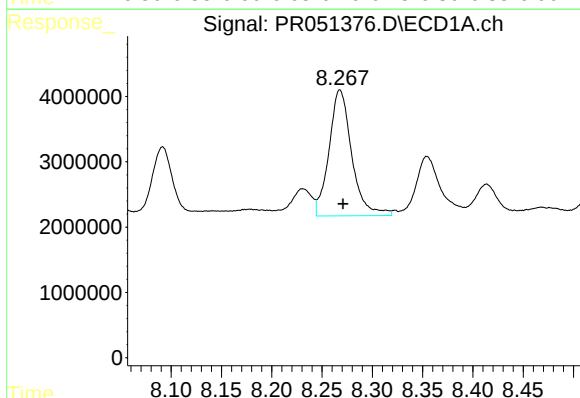
R.T.: 8.032 min
Delta R.T.: -0.002 min
Response: 29818366
Conc: 59.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



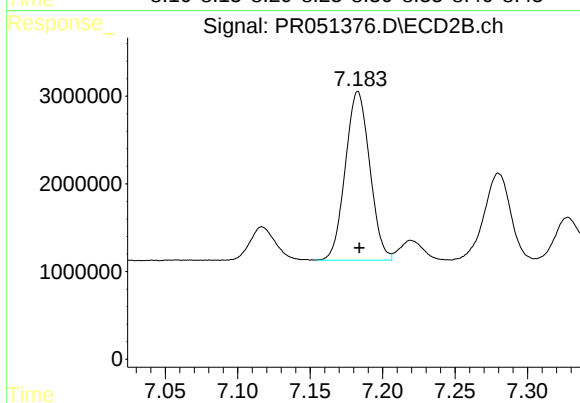
#33 AR-1260-3

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 26258013
Conc: 53.63 ng/ml



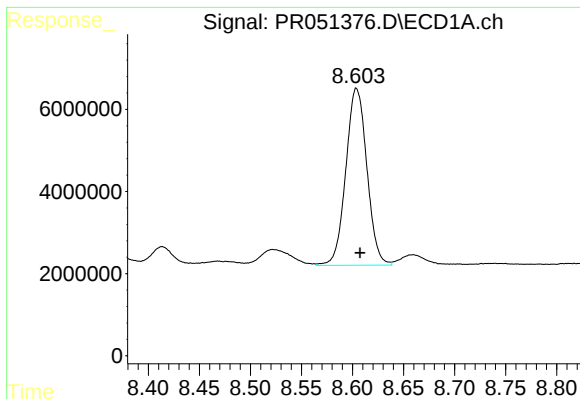
#34 AR-1260-4

R.T.: 8.268 min
Delta R.T.: -0.003 min
Response: 30378135
Conc: 59.32 ng/ml



#34 AR-1260-4

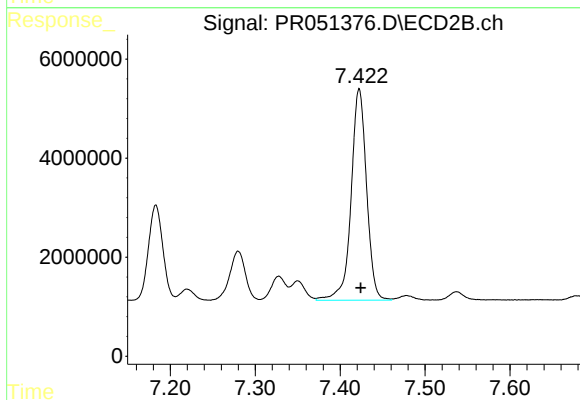
R.T.: 7.183 min
Delta R.T.: -0.001 min
Response: 22571441
Conc: 55.23 ng/ml



#35 AR-1260-5

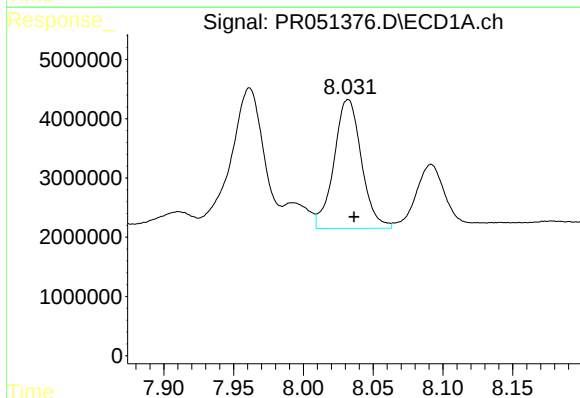
R.T.: 8.604 min
Delta R.T.: -0.003 min
Response: 61893442
Conc: 53.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



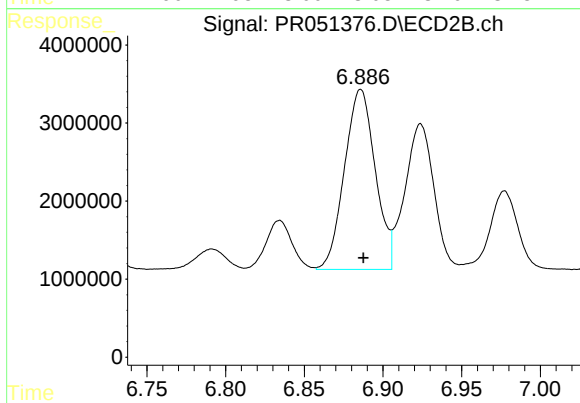
#35 AR-1260-5

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 53982308
Conc: 51.51 ng/ml



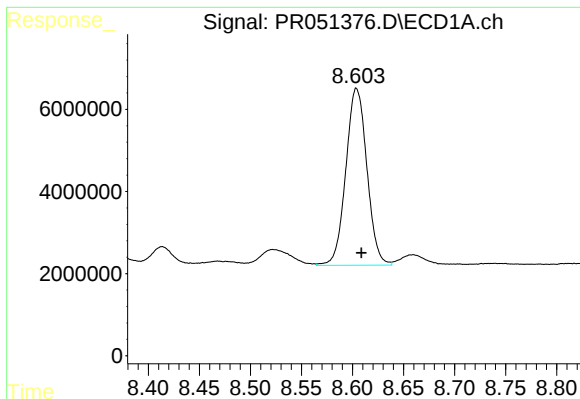
#36 AR-1262-1

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 29818366
Conc: 45.42 ng/ml



#36 AR-1262-1

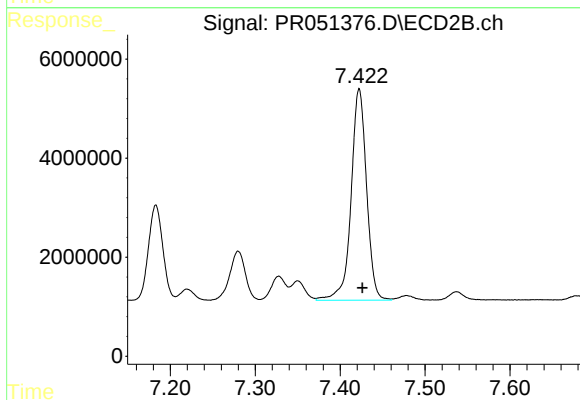
R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 31459460
Conc: 113.75 ng/ml



#37 AR-1262-2

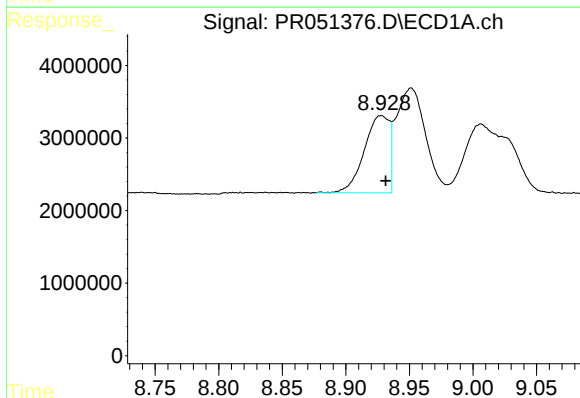
R.T.: 8.604 min
Delta R.T.: -0.005 min
Response: 61893442
Conc: 51.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



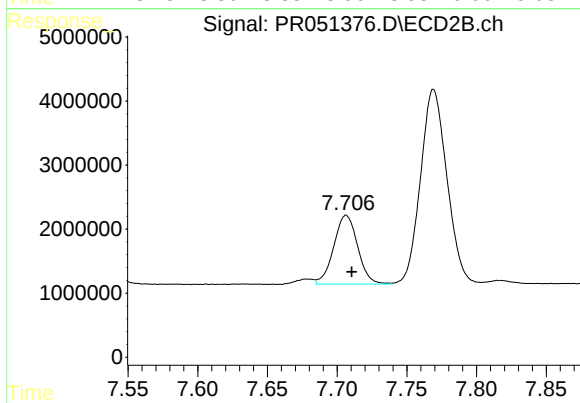
#37 AR-1262-2

R.T.: 7.422 min
Delta R.T.: -0.004 min
Response: 53982308
Conc: 53.15 ng/ml



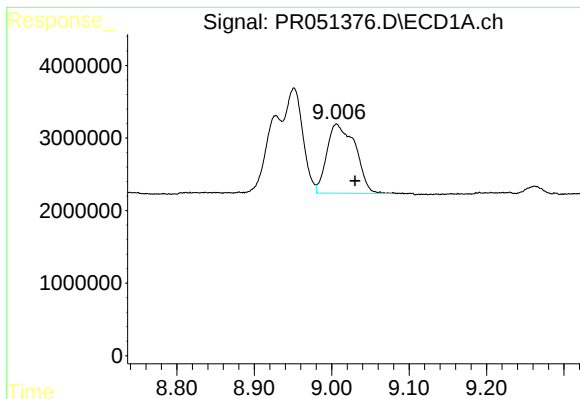
#38 AR-1262-3

R.T.: 8.928 min
Delta R.T.: -0.004 min
Response: 14601262
Conc: 19.15 ng/ml



#38 AR-1262-3

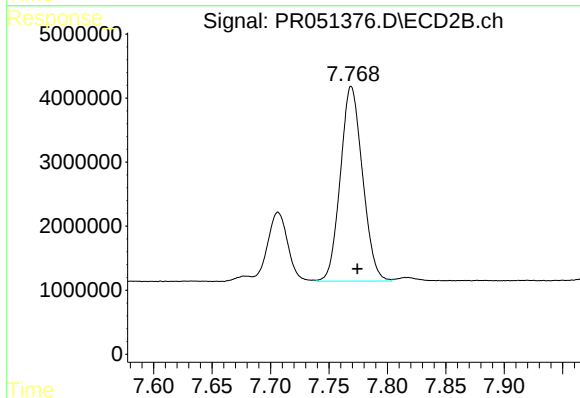
R.T.: 7.706 min
Delta R.T.: -0.004 min
Response: 12869515
Conc: 34.98 ng/ml



#39 AR-1262-4

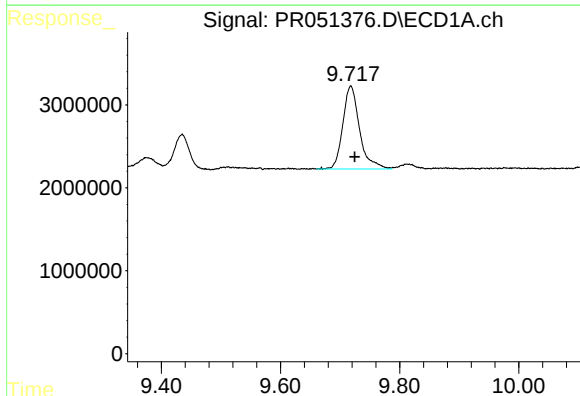
R.T.: 9.006 min
Delta R.T.: -0.024 min
Response: 24304397
Conc: 41.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



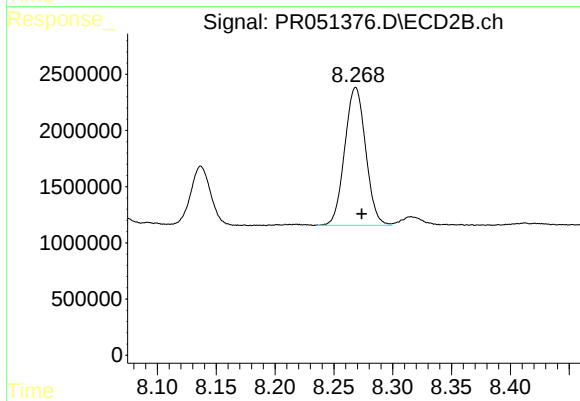
#39 AR-1262-4

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 40117910
Conc: 55.04 ng/ml



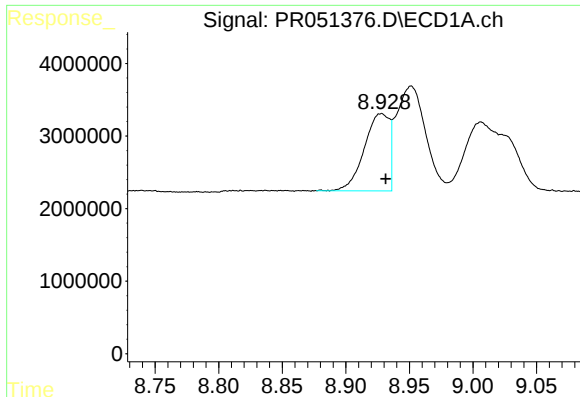
#40 AR-1262-5

R.T.: 9.718 min
Delta R.T.: -0.006 min
Response: 19493184
Conc: 46.37 ng/ml



#40 AR-1262-5

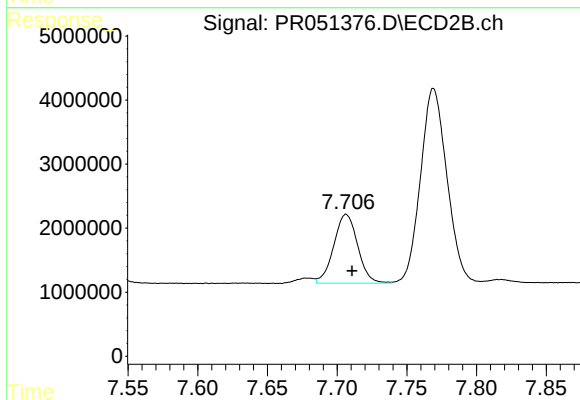
R.T.: 8.269 min
Delta R.T.: -0.005 min
Response: 15233865
Conc: 46.70 ng/ml



#41 AR-1268-1

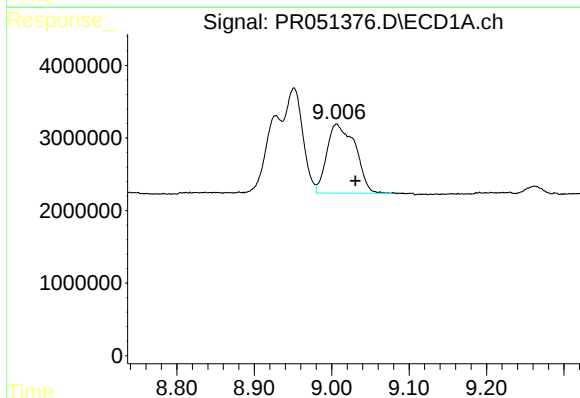
R.T.: 8.928 min
Delta R.T.: -0.004 min
Response: 14601262
Conc: 10.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



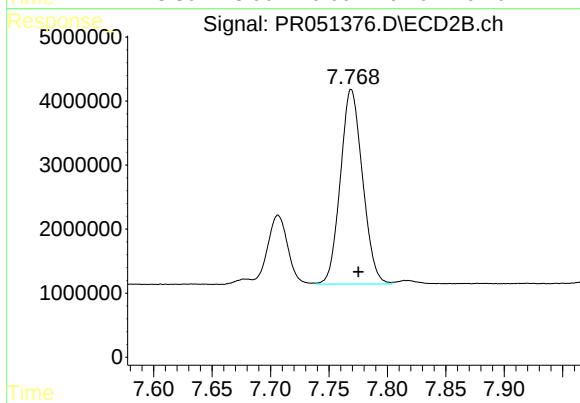
#41 AR-1268-1

R.T.: 7.706 min
Delta R.T.: -0.004 min
Response: 12869515
Conc: 11.95 ng/ml



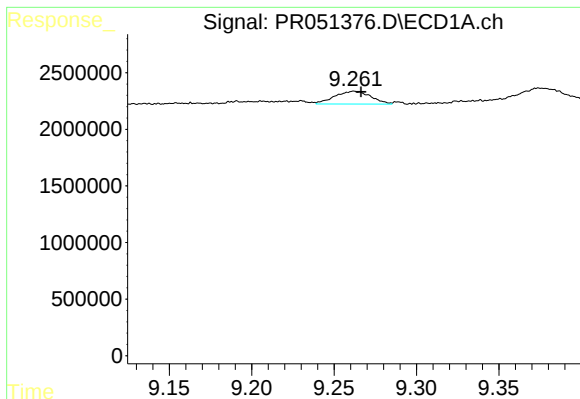
#42 AR-1268-2

R.T.: 9.006 min
Delta R.T.: -0.024 min
Response: 24304397
Conc: 19.04 ng/ml



#42 AR-1268-2

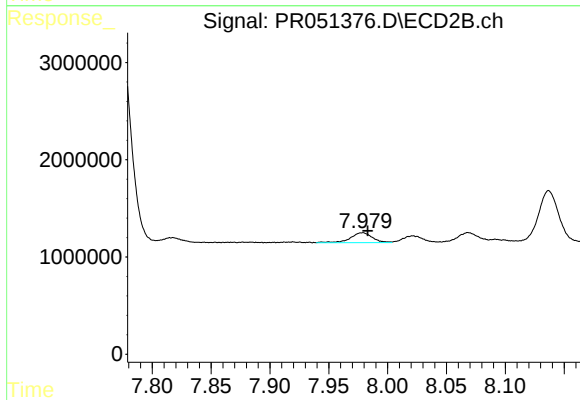
R.T.: 7.769 min
Delta R.T.: -0.006 min
Response: 40117910
Conc: 40.29 ng/ml



#43 AR-1268-3

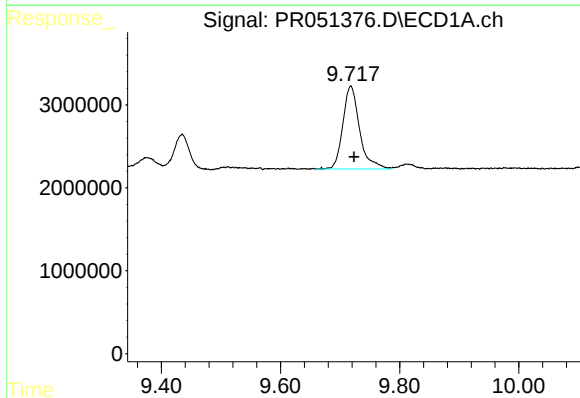
R.T.: 9.262 min
Delta R.T.: -0.004 min
Response: 1717050
Conc: 1.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



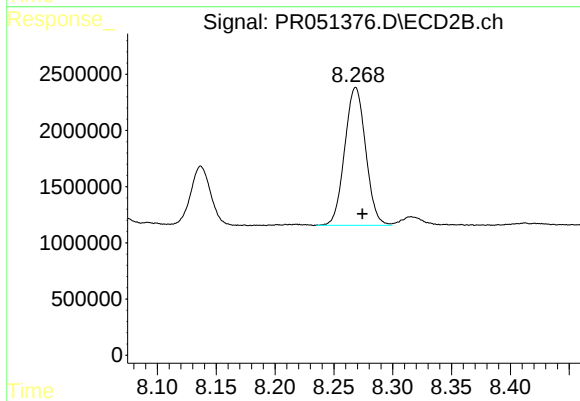
#43 AR-1268-3

R.T.: 7.979 min
Delta R.T.: -0.004 min
Response: 1309261
Conc: 1.59 ng/ml



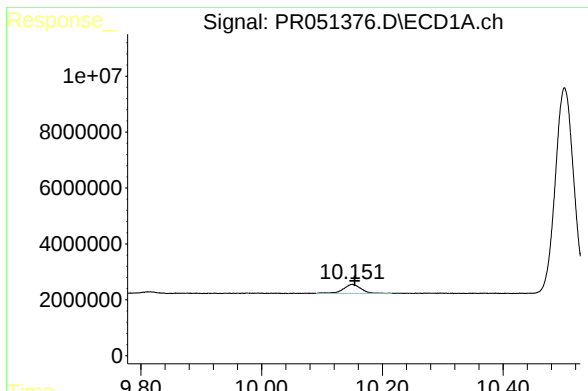
#44 AR-1268-4

R.T.: 9.718 min
Delta R.T.: -0.005 min
Response: 19493184
Conc: 42.97 ng/ml



#44 AR-1268-4

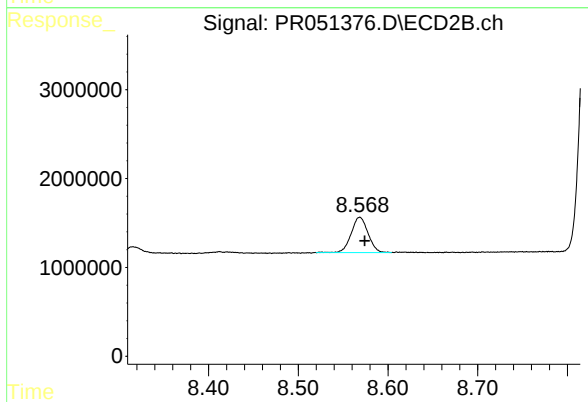
R.T.: 8.269 min
Delta R.T.: -0.006 min
Response: 15233865
Conc: 42.92 ng/ml



#45 AR-1268-5

R.T.: 10.150 min
Delta R.T.: -0.004 min
Response: 6484285
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.569 min
Delta R.T.: -0.006 min
Response: 5178330
Conc: 1.86 ng/ml