

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061719\
 Data File : PR038700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2019 12:37
 Operator : SM\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 18 01:14:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 12 02:00:42 2019
 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...	3.772	4.619	71644544	260.0E6	49.103	52.144
2)	SA Decachlor...	8.726	10.369	103.7E6	317.3E6	45.447	51.197
Target Compounds							
3)	L1 AR-1016-1	4.843	5.775	30540364	106.3E6	494.970	519.903
4)	L1 AR-1016-2	4.860	5.798	48902834	151.5E6	482.929	517.851
5)	L1 AR-1016-3	5.034	5.860	23999946	92692977	473.301	511.447
6)	L1 AR-1016-4	5.074	5.958	19673031	72816077	483.481	494.025
7)	L1 AR-1016-5	5.285	6.248	26436017	75979148	491.932	514.860
8)	L2 AR-1221-1	3.982	4.820	2337597	7476117	139.127	141.024
9)	L2 AR-1221-2	4.068	4.912	3449818	11645292	269.150	284.302
10)	L2 AR-1221-3	4.143	4.988	13932604	45346772	327.888	347.494
11)	L3 AR-1232-1	4.143	4.988	13932604	45346772	470.713	499.042
12)	L3 AR-1232-2	4.860	5.511	48902834	68139949	1333.444	1355.405
13)	L3 AR-1232-3	5.034	5.798	23999946	151.5E6	1287.566	1458.146
14)	L3 AR-1232-4	5.115	5.958	24232486	72816077	1506.909	1376.040
15)	L3 AR-1232-5	5.285	6.044	26436017	63033609	1428.945	1654.344
16)	L4 AR-1242-1	4.843	5.775	30540364	106.3E6	617.352	668.371
17)	L4 AR-1242-2	4.860	5.798	48902834	151.5E6	611.621	667.532
18)	L4 AR-1242-3	5.034	5.860	23999946	92692977	594.429	660.241
19)	L4 AR-1242-4	5.115	5.958	24232486	72816077	619.340	630.185
20)	L4 AR-1242-5	5.631	6.686	20249573	11822516	361.240	88.136 #
21)	L5 AR-1248-1	4.843	5.775	30540364	106.3E6	832.591	983.728
22)	L5 AR-1248-2	5.074	6.044	19673031	63033609	395.720	426.538
23)	L5 AR-1248-3	5.115	6.248	24232486	75979148	474.186	440.990
24)	L5 AR-1248-4	5.285	6.646	26436017	13617499	411.438	65.785 #
25)	L5 AR-1248-5	5.671	6.686	3570272	11822516	51.274	59.632
26)	L6 AR-1254-1	5.631	6.620	20249573	54416570	179.098	246.342 #
27)	L6 AR-1254-2	5.775	6.834	18621128	58778083	188.254	169.170
28)	L6 AR-1254-3	6.187	7.200	45171538	37296371	266.087	95.161 #
29)	L6 AR-1254-4	6.398	7.481	5455743	25648634	41.995	88.614 #
30)	L6 AR-1254-5	6.810	7.894	73802208	219.8E6	478.681	708.873 #
31)	L7 AR-1260-1	6.301	7.359	52853685	146.4E6	470.910	534.507
32)	L7 AR-1260-2	6.486	7.612	67313053	180.1E6	463.550	547.252
33)	L7 AR-1260-3	6.639	7.968	61336412	140.5E6	471.504	554.797
34)	L7 AR-1260-4	7.105	8.197	53009068	165.0E6	482.382	551.909
35)	L7 AR-1260-5	7.342	8.524	138.9E6	354.0E6	485.993	569.584
36)	L8 AR-1262-1	6.900	7.968	28052155	140.5E6	354.435	317.219
37)	L8 AR-1262-2	7.342	8.524	138.9E6	354.0E6	346.365	410.041
38)	L8 AR-1262-3	7.623	8.861	30577485	219.4E6	201.791	388.898 #
39)	L8 AR-1262-4	7.686	8.916	99918012	135.8E6	352.878	322.071
40)	L8 AR-1262-5	8.179	9.605	36911121	101.8E6	272.086	329.988
41)	L9 AR-1268-1	7.623	8.861	30577485	219.4E6	72.305	238.596 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061719\
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 Acq On : 17 Jun 2019 12:37
 Operator : SM\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

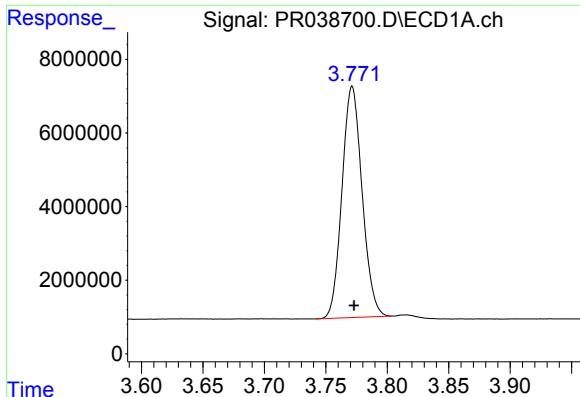
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 01:14:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061119.M
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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	7.686	8.916	99918012	135.8E6	255.419	157.748 #
43) L9	AR-1268-3	7.892	9.168	1802024	10470704	5.639	14.738 #
44) L9	AR-1268-4	8.179	9.605	36911121	101.8E6	262.570	319.867
45) L9	AR-1268-5	8.470	10.025	9293373	28645457	8.655	11.182 #

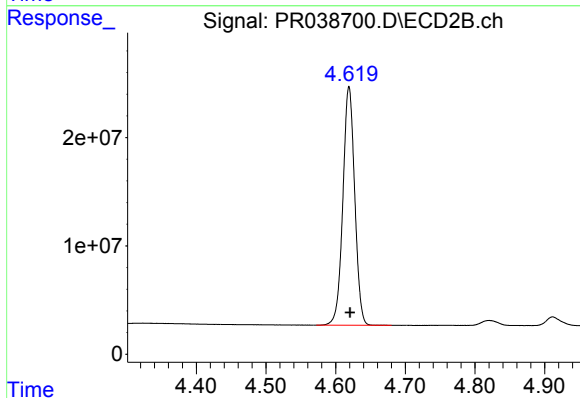
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

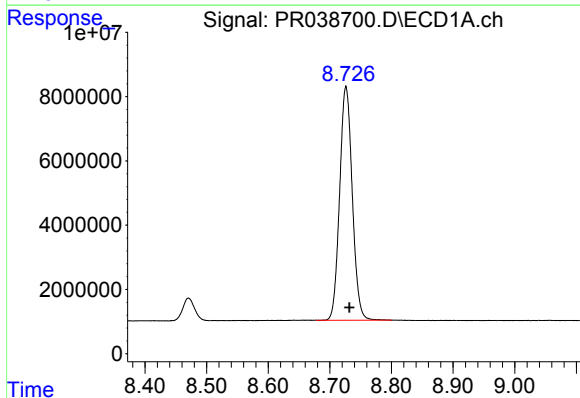
R.T.: 3.772 min
Delta R.T.: -0.002 min
Response: 71644544
Conc: 49.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



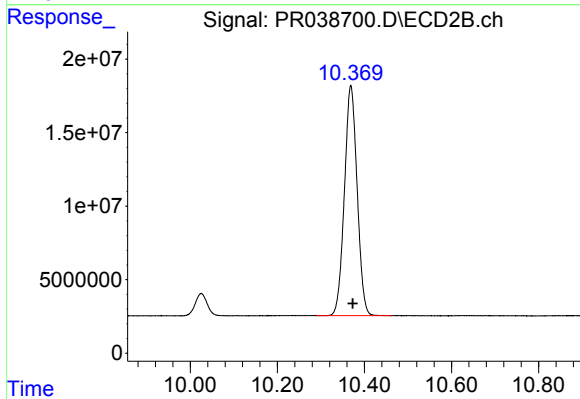
#1 Tetrachloro-m-xylene

R.T.: 4.619 min
Delta R.T.: -0.001 min
Response: 259961693
Conc: 52.14 ng/ml



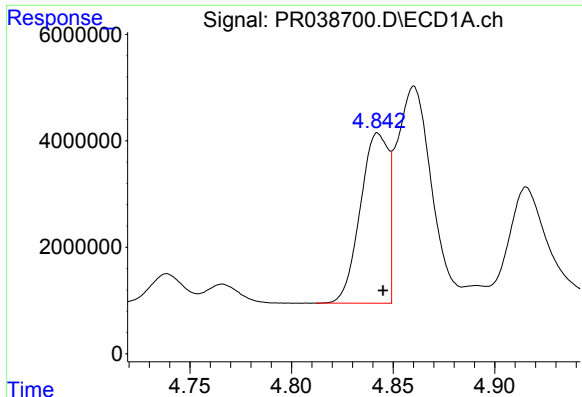
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.006 min
Response: 103699816
Conc: 45.45 ng/ml



#2 Decachlorobiphenyl

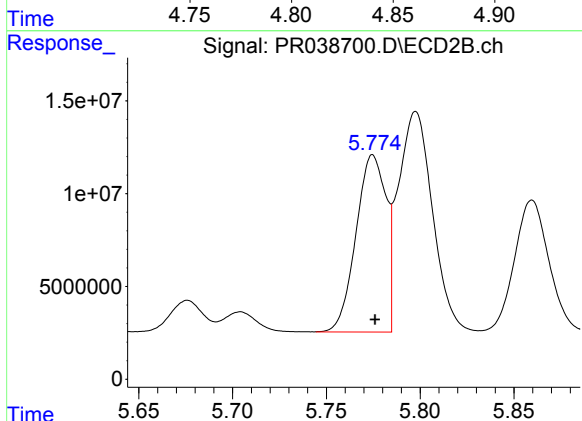
R.T.: 10.369 min
Delta R.T.: -0.004 min
Response: 317330257
Conc: 51.20 ng/ml



#3 AR-1016-1

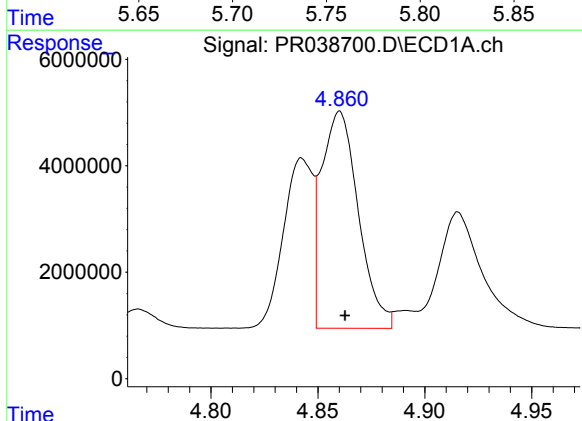
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 30540364
Conc: 494.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



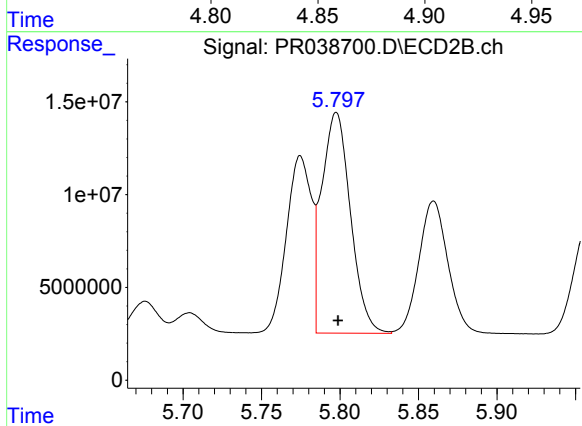
#3 AR-1016-1

R.T.: 5.775 min
Delta R.T.: -0.001 min
Response: 106255469
Conc: 519.90 ng/ml



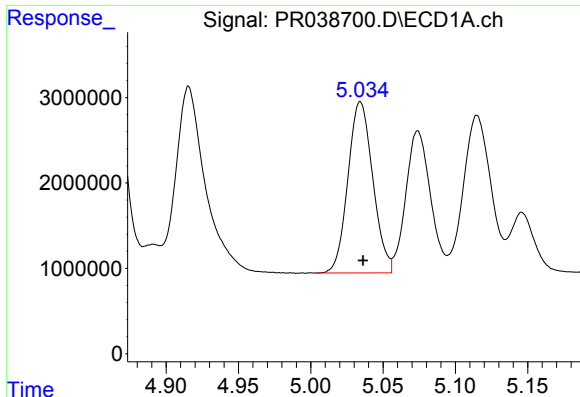
#4 AR-1016-2

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 48902834
Conc: 482.93 ng/ml



#4 AR-1016-2

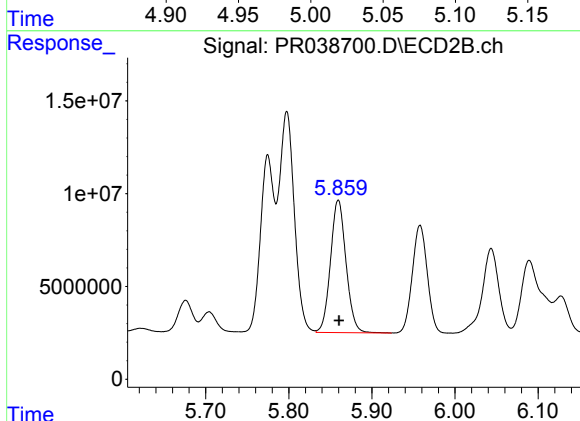
R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 151539351
Conc: 517.85 ng/ml



#5 AR-1016-3

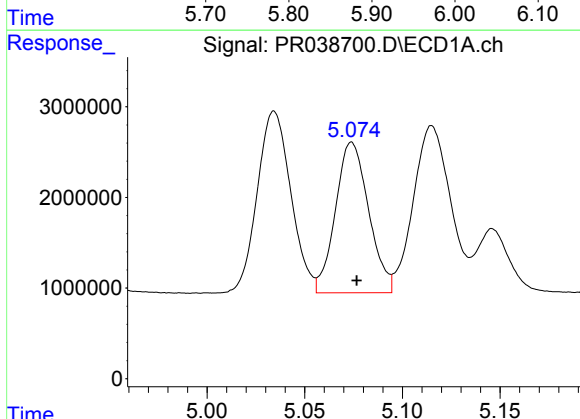
R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 23999946
Conc: 473.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



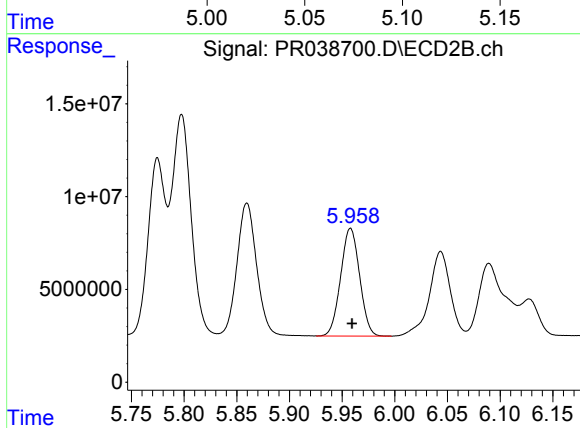
#5 AR-1016-3

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 92692977
Conc: 511.45 ng/ml



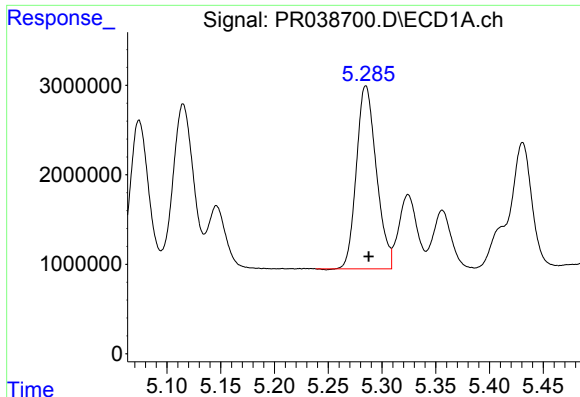
#6 AR-1016-4

R.T.: 5.074 min
Delta R.T.: -0.003 min
Response: 19673031
Conc: 483.48 ng/ml



#6 AR-1016-4

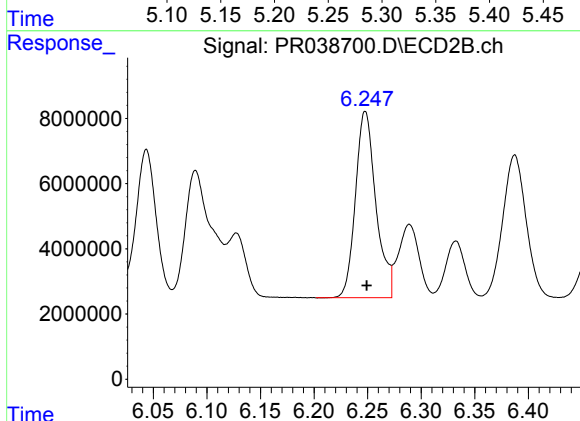
R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 72816077
Conc: 494.03 ng/ml



#7 AR-1016-5

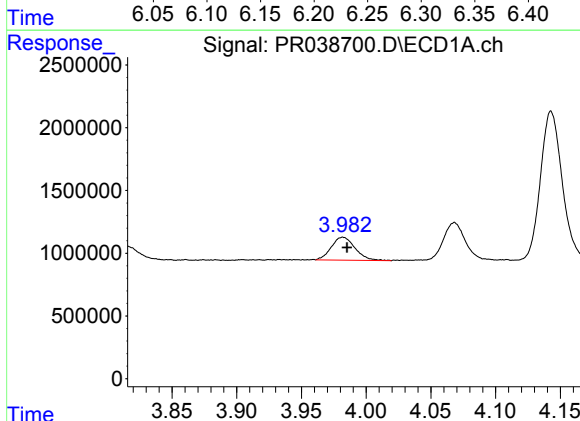
R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 26436017
Conc: 491.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



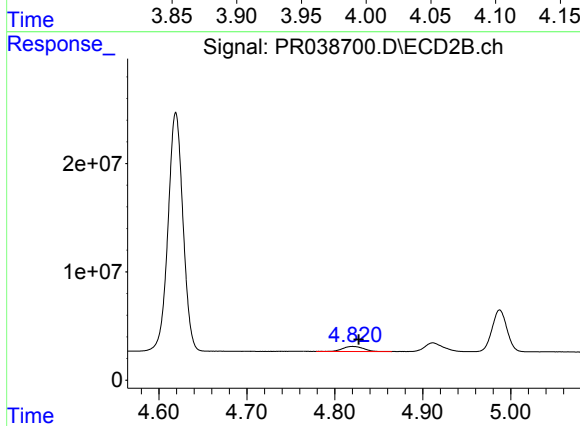
#7 AR-1016-5

R.T.: 6.248 min
Delta R.T.: -0.001 min
Response: 75979148
Conc: 514.86 ng/ml



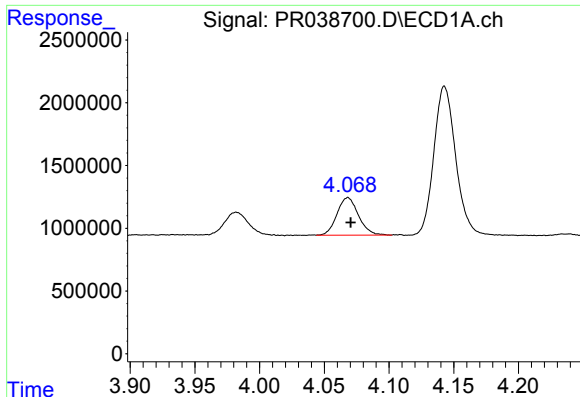
#8 AR-1221-1

R.T.: 3.982 min
Delta R.T.: -0.003 min
Response: 2337597
Conc: 139.13 ng/ml



#8 AR-1221-1

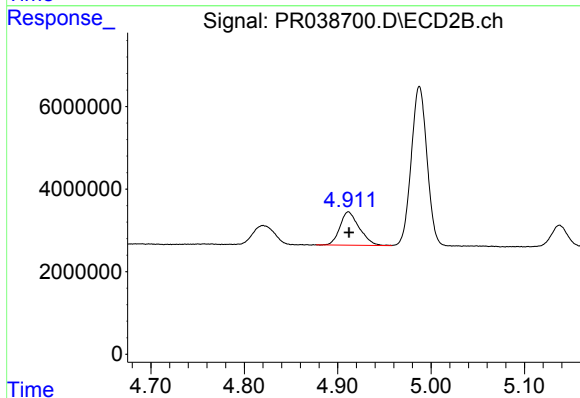
R.T.: 4.820 min
Delta R.T.: -0.007 min
Response: 7476117
Conc: 141.02 ng/ml



#9 AR-1221-2

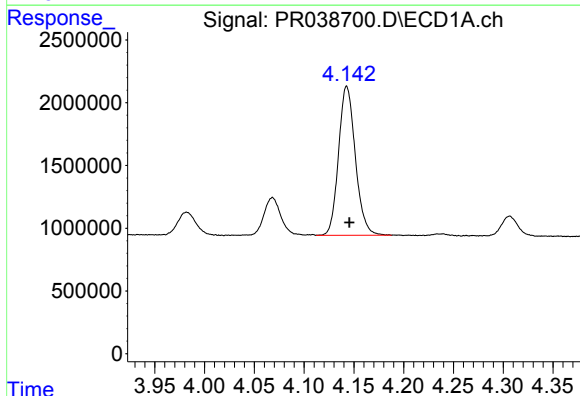
R.T.: 4.068 min
Delta R.T.: -0.002 min
Response: 3449818
Conc: 269.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



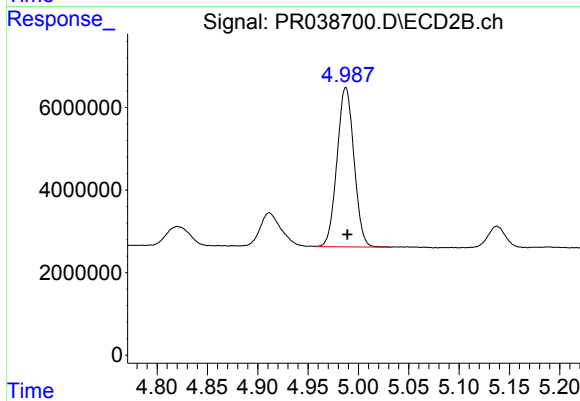
#9 AR-1221-2

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 11645292
Conc: 284.30 ng/ml



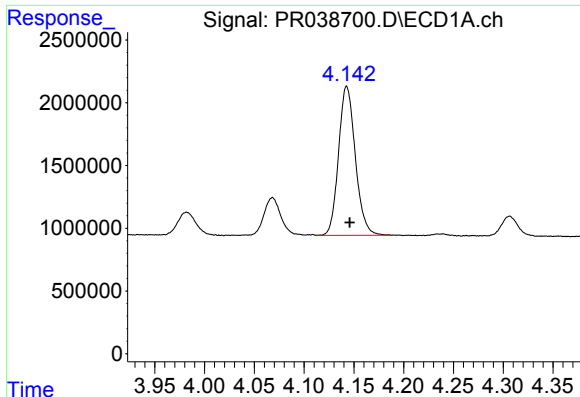
#10 AR-1221-3

R.T.: 4.143 min
Delta R.T.: -0.003 min
Response: 13932604
Conc: 327.89 ng/ml



#10 AR-1221-3

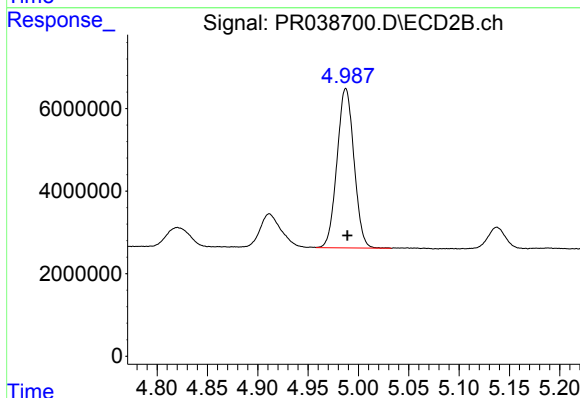
R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 45346772
Conc: 347.49 ng/ml



#11 AR-1232-1

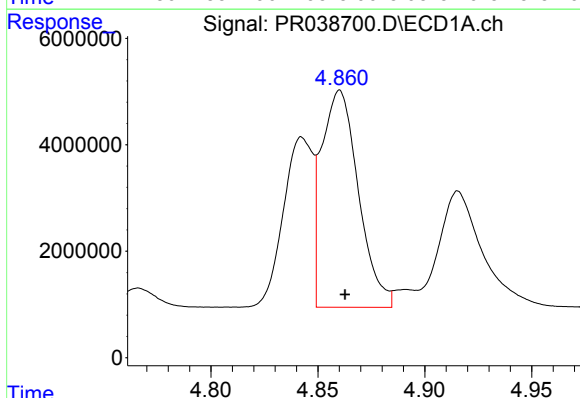
R.T.: 4.143 min
Delta R.T.: -0.003 min
Response: 13932604
Conc: 470.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



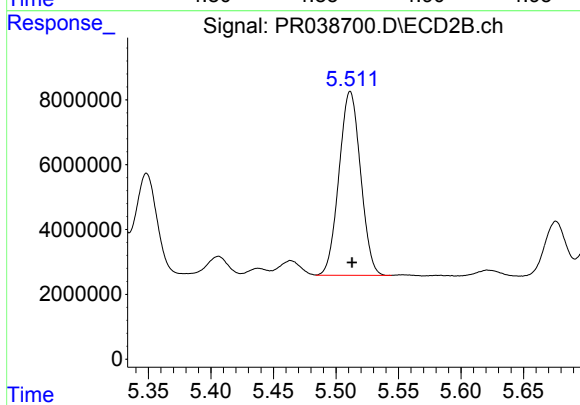
#11 AR-1232-1

R.T.: 4.988 min
Delta R.T.: -0.001 min
Response: 45346772
Conc: 499.04 ng/ml



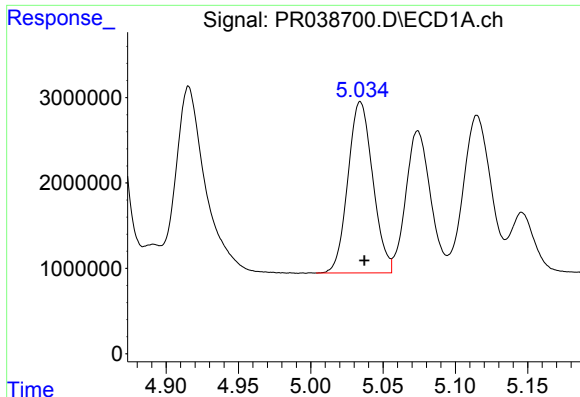
#12 AR-1232-2

R.T.: 4.860 min
Delta R.T.: -0.003 min
Response: 48902834
Conc: 1333.44 ng/ml



#12 AR-1232-2

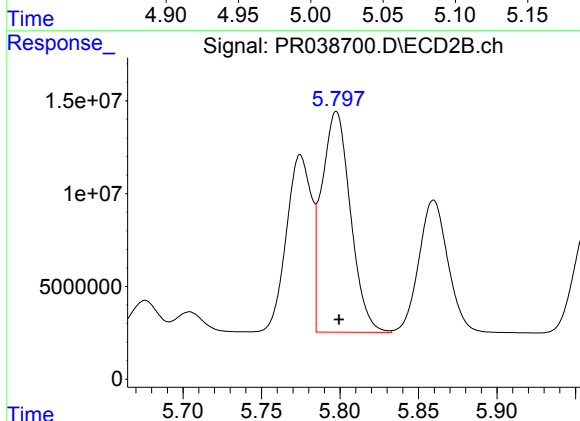
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 68139949
Conc: 1355.41 ng/ml



#13 AR-1232-3

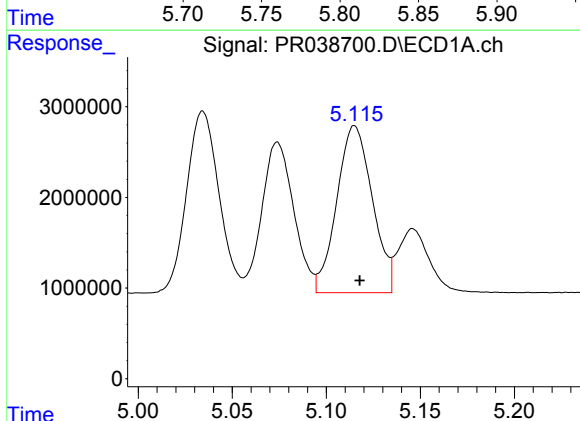
R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 23999946
Conc: 1287.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



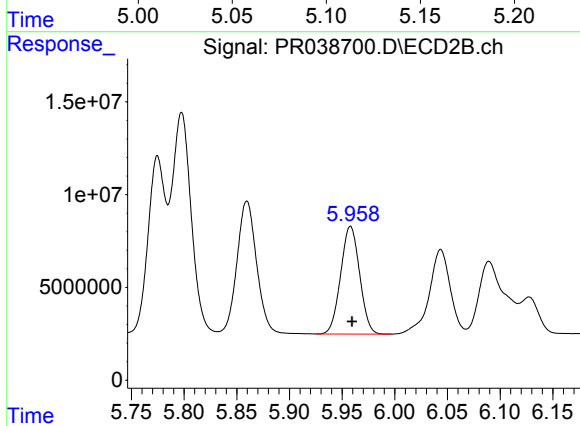
#13 AR-1232-3

R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 151539351
Conc: 1458.15 ng/ml



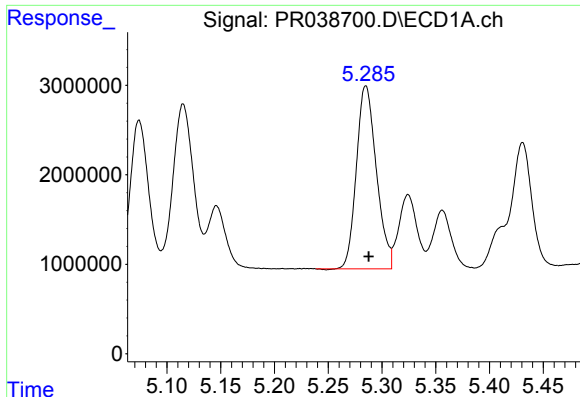
#14 AR-1232-4

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 24232486
Conc: 1506.91 ng/ml



#14 AR-1232-4

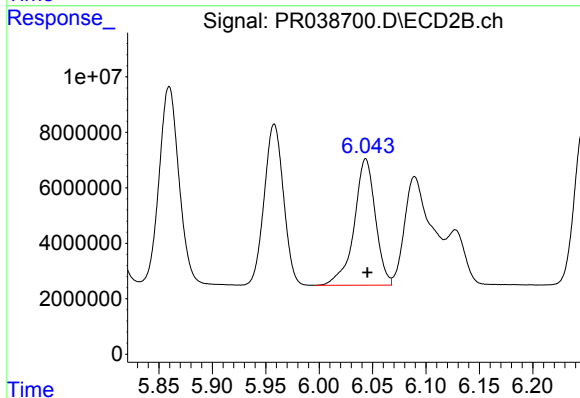
R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 72816077
Conc: 1376.04 ng/ml



#15 AR-1232-5

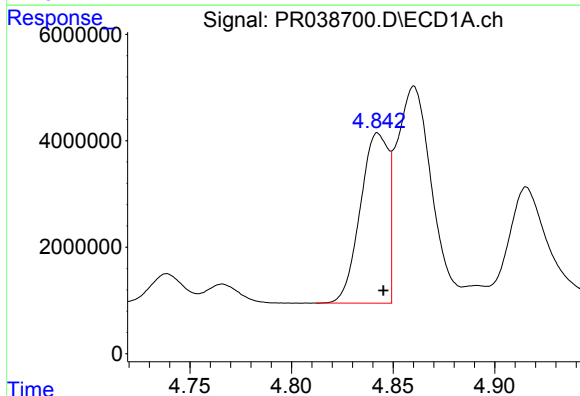
R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 26436017
Conc: 1428.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



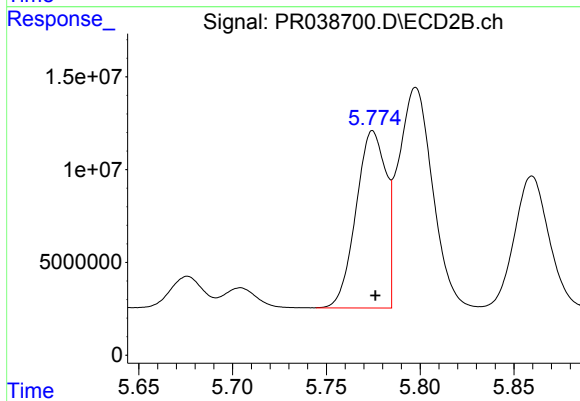
#15 AR-1232-5

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 63033609
Conc: 1654.34 ng/ml



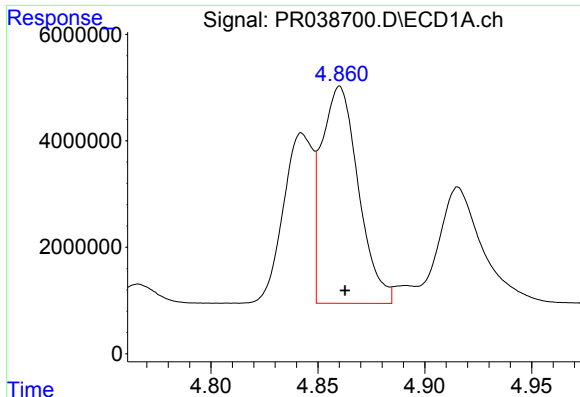
#16 AR-1242-1

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 30540364
Conc: 617.35 ng/ml



#16 AR-1242-1

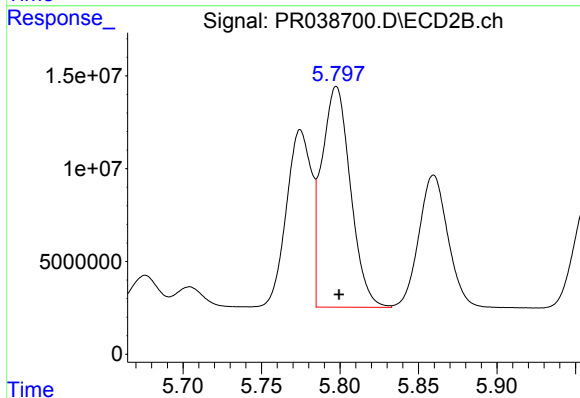
R.T.: 5.775 min
Delta R.T.: -0.001 min
Response: 106255469
Conc: 668.37 ng/ml



#17 AR-1242-2

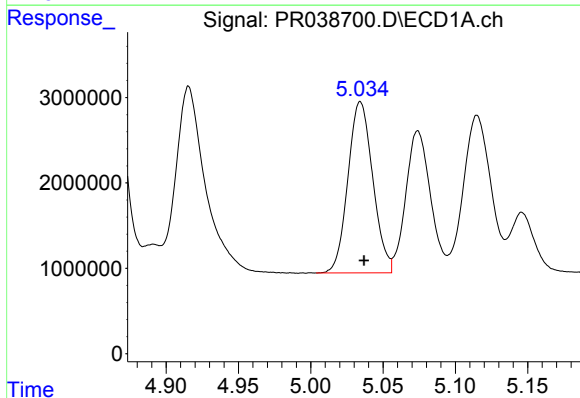
R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 48902834
Conc: 611.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



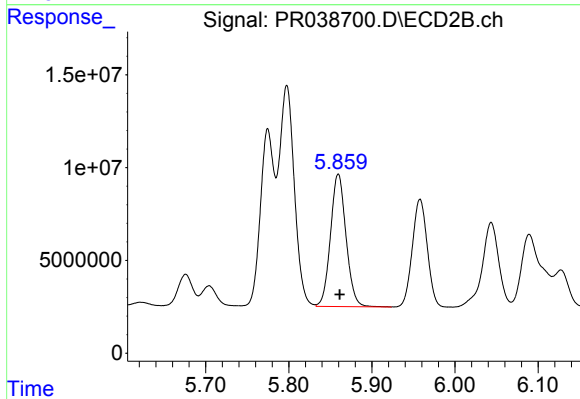
#17 AR-1242-2

R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 151539351
Conc: 667.53 ng/ml



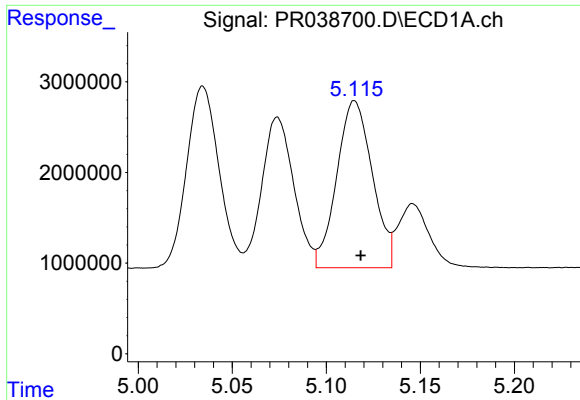
#18 AR-1242-3

R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 23999946
Conc: 594.43 ng/ml



#18 AR-1242-3

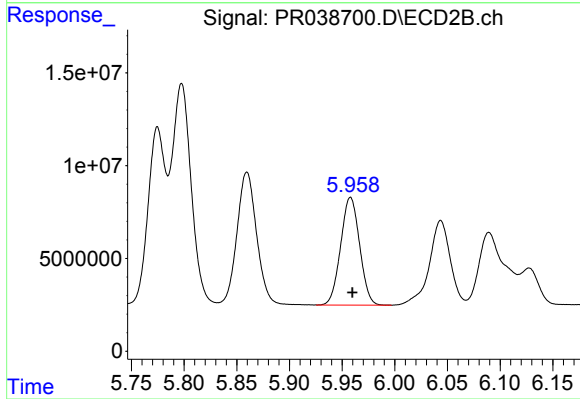
R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 92692977
Conc: 660.24 ng/ml



#19 AR-1242-4

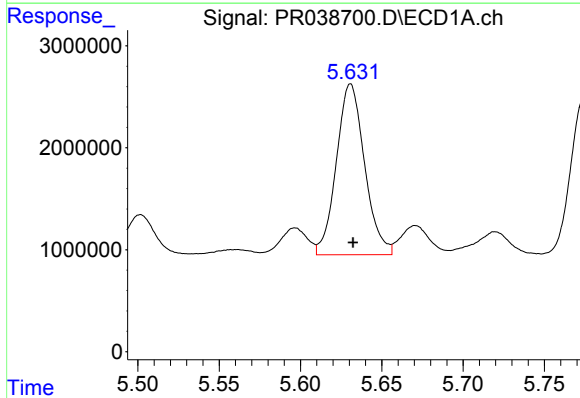
R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 24232486
Conc: 619.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



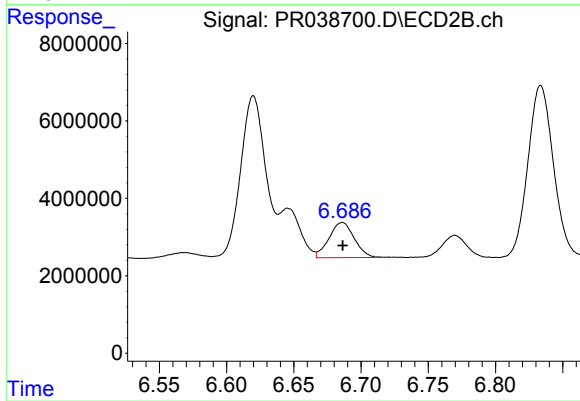
#19 AR-1242-4

R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 72816077
Conc: 630.19 ng/ml



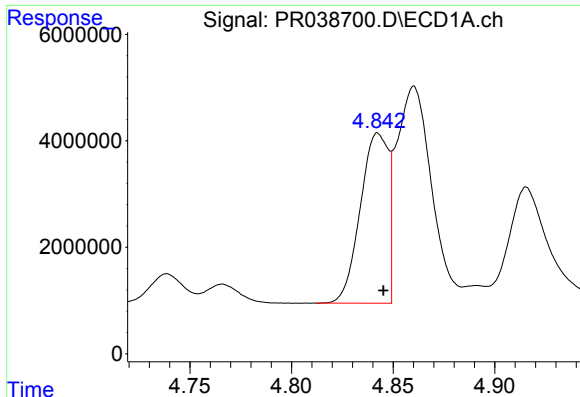
#20 AR-1242-5

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 20249573
Conc: 361.24 ng/ml



#20 AR-1242-5

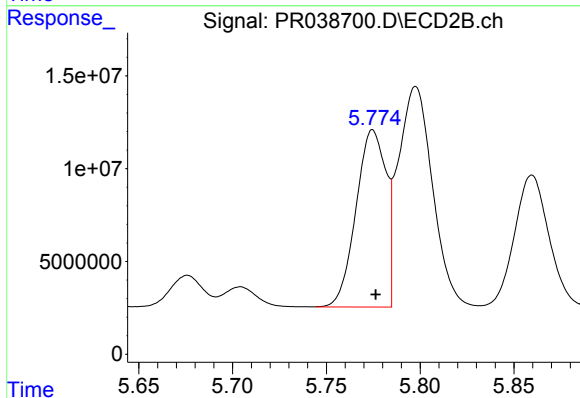
R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 11822516
Conc: 88.14 ng/ml



#21 AR-1248-1

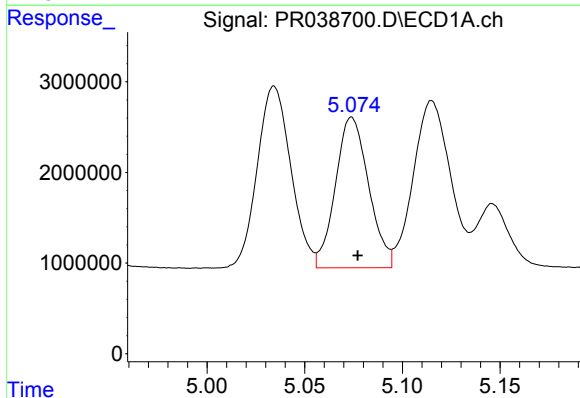
R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 30540364
Conc: 832.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



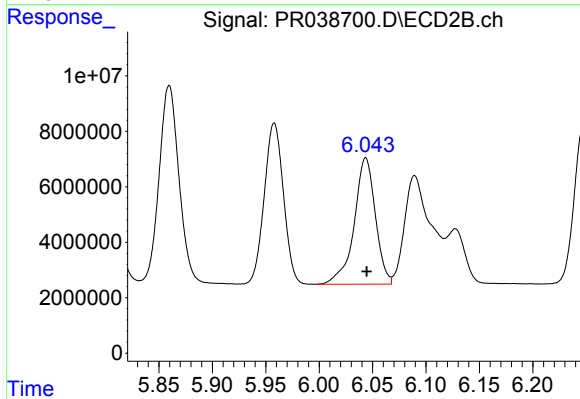
#21 AR-1248-1

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 106255469
Conc: 983.73 ng/ml



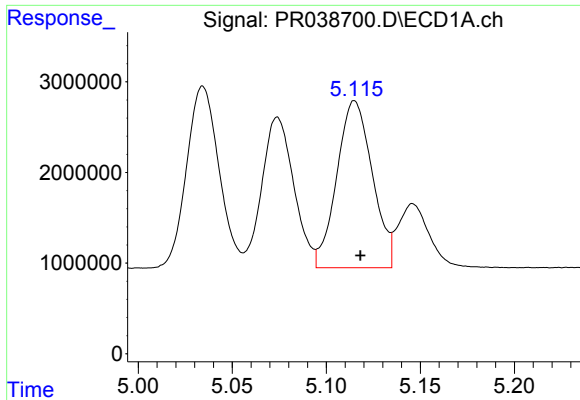
#22 AR-1248-2

R.T.: 5.074 min
Delta R.T.: -0.003 min
Response: 19673031
Conc: 395.72 ng/ml



#22 AR-1248-2

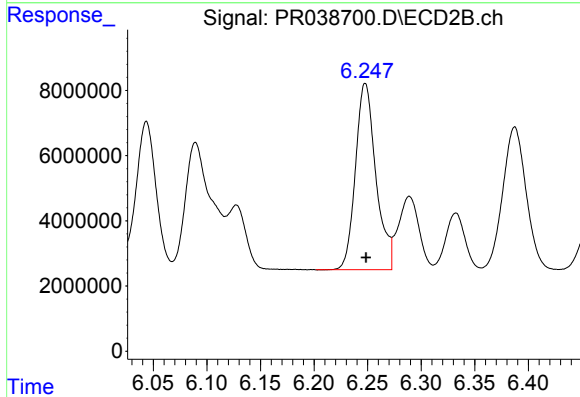
R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 63033609
Conc: 426.54 ng/ml



#23 AR-1248-3

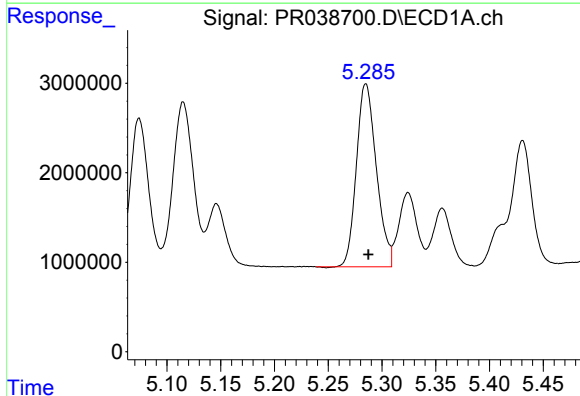
R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 24232486
Conc: 474.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



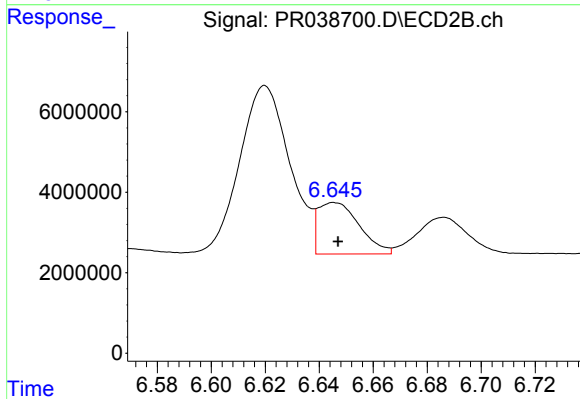
#23 AR-1248-3

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 75979148
Conc: 440.99 ng/ml



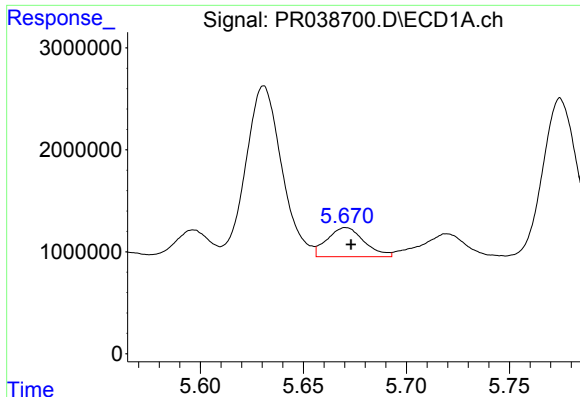
#24 AR-1248-4

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 26436017
Conc: 411.44 ng/ml



#24 AR-1248-4

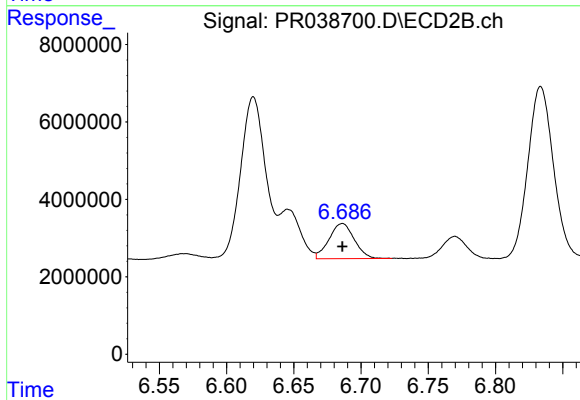
R.T.: 6.646 min
Delta R.T.: -0.001 min
Response: 13617499
Conc: 65.79 ng/ml



#25 AR-1248-5

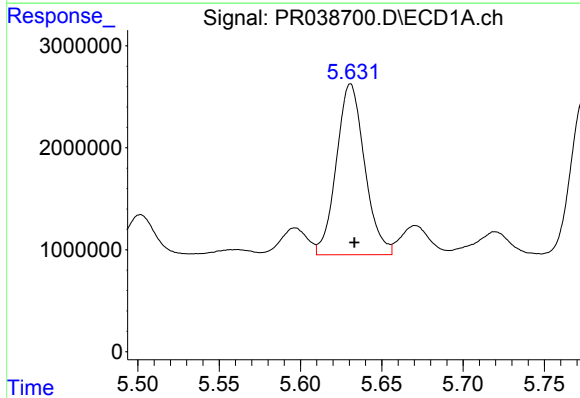
R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 3570272
Conc: 51.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



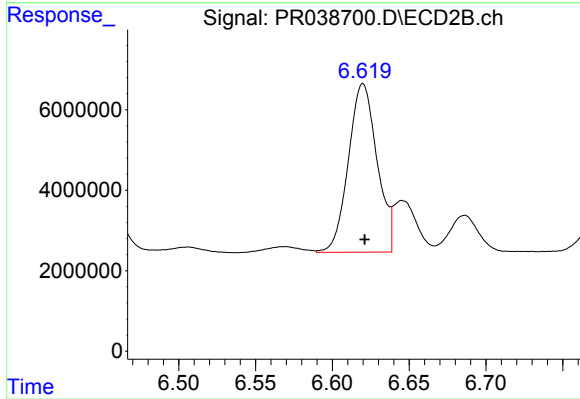
#25 AR-1248-5

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 11822516
Conc: 59.63 ng/ml



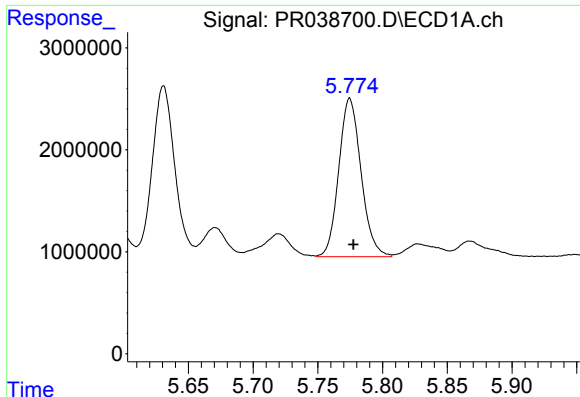
#26 AR-1254-1

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 20249573
Conc: 179.10 ng/ml



#26 AR-1254-1

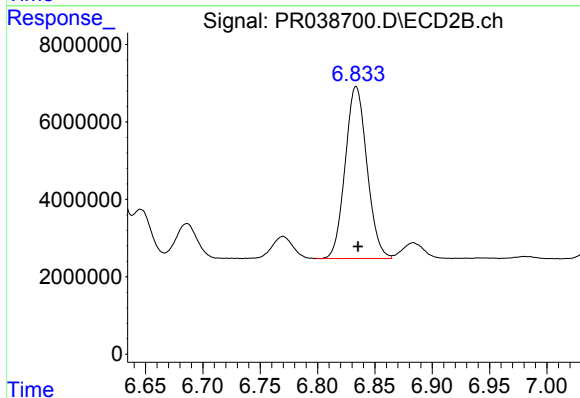
R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 54416570
Conc: 246.34 ng/ml



#27 AR-1254-2

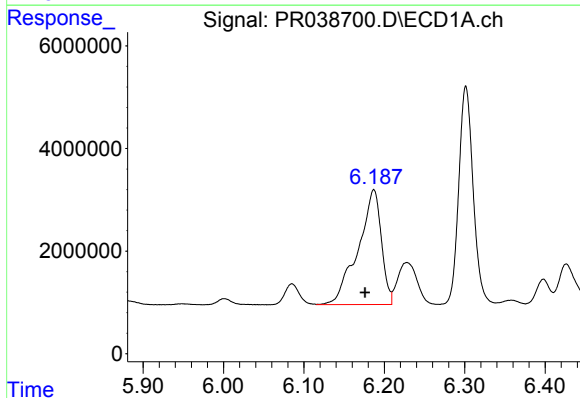
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 18621128
Conc: 188.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



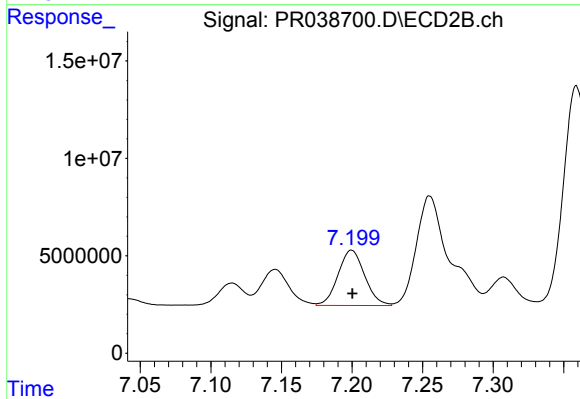
#27 AR-1254-2

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 58778083
Conc: 169.17 ng/ml



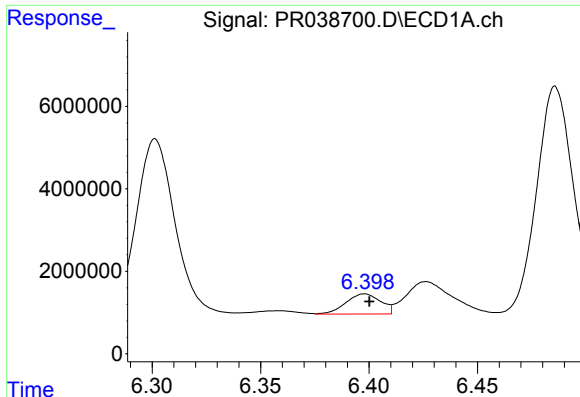
#28 AR-1254-3

R.T.: 6.187 min
Delta R.T.: 0.011 min
Response: 45171538
Conc: 266.09 ng/ml



#28 AR-1254-3

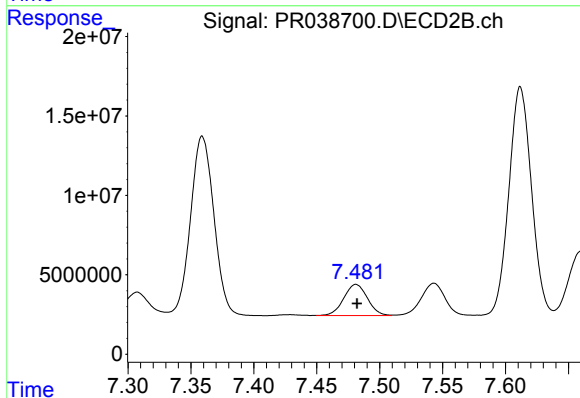
R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 37296371
Conc: 95.16 ng/ml



#29 AR-1254-4

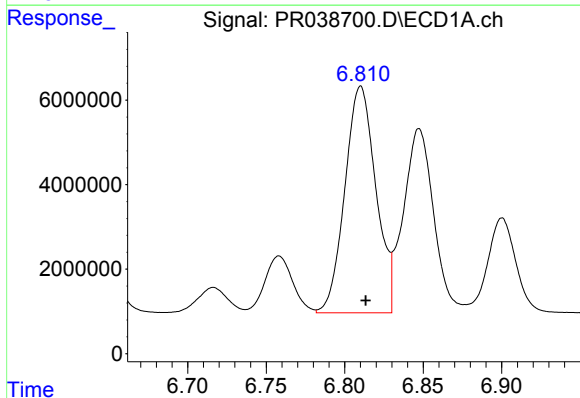
R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 5455743
Conc: 41.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



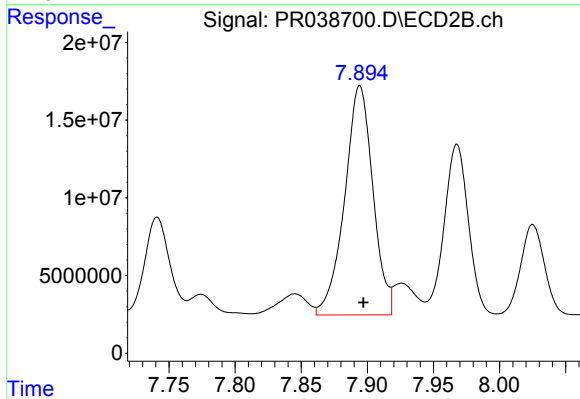
#29 AR-1254-4

R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 25648634
Conc: 88.61 ng/ml



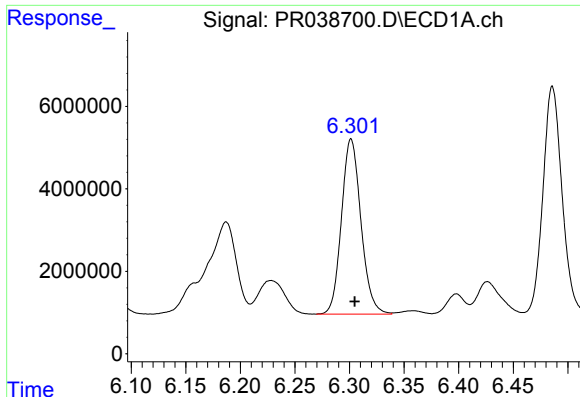
#30 AR-1254-5

R.T.: 6.810 min
Delta R.T.: -0.003 min
Response: 73802208
Conc: 478.68 ng/ml



#30 AR-1254-5

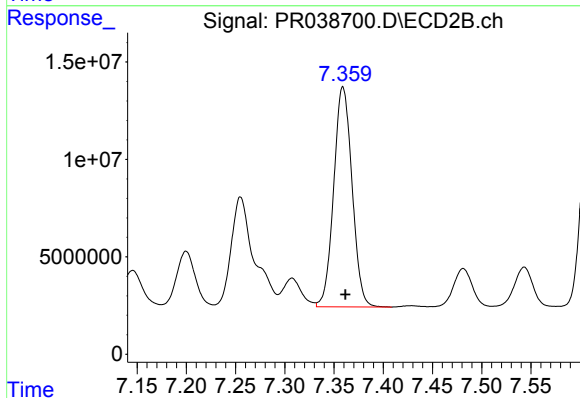
R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 219800850
Conc: 708.87 ng/ml



#31 AR-1260-1

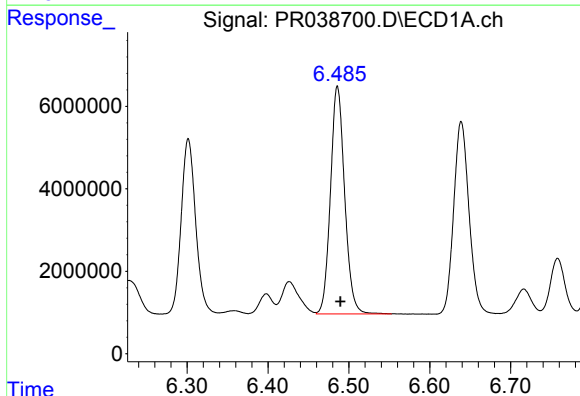
R.T.: 6.301 min
Delta R.T.: -0.003 min
Response: 52853685
Conc: 470.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



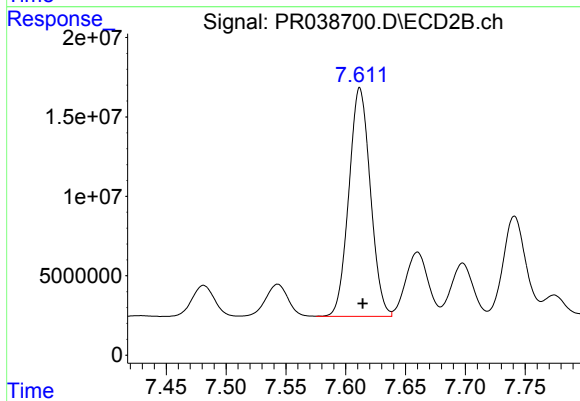
#31 AR-1260-1

R.T.: 7.359 min
Delta R.T.: -0.002 min
Response: 146447324
Conc: 534.51 ng/ml



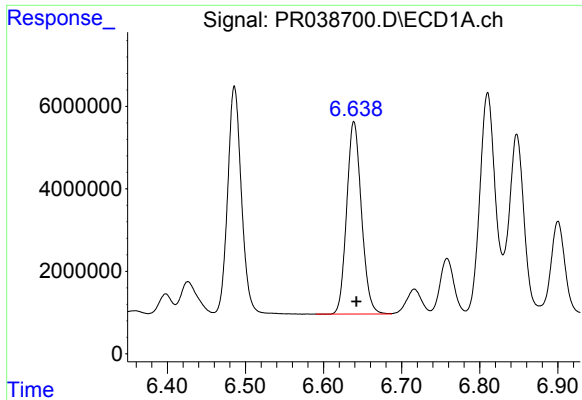
#32 AR-1260-2

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 67313053
Conc: 463.55 ng/ml



#32 AR-1260-2

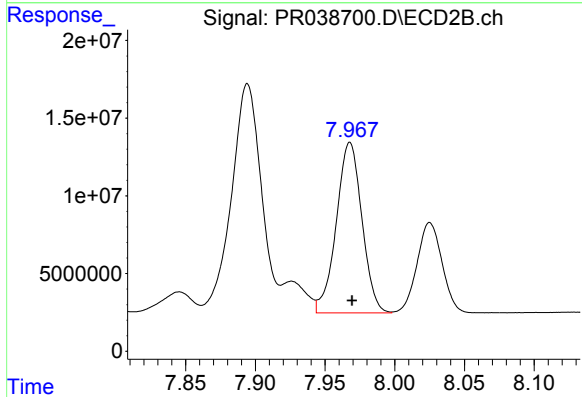
R.T.: 7.612 min
Delta R.T.: -0.003 min
Response: 180145158
Conc: 547.25 ng/ml



#33 AR-1260-3

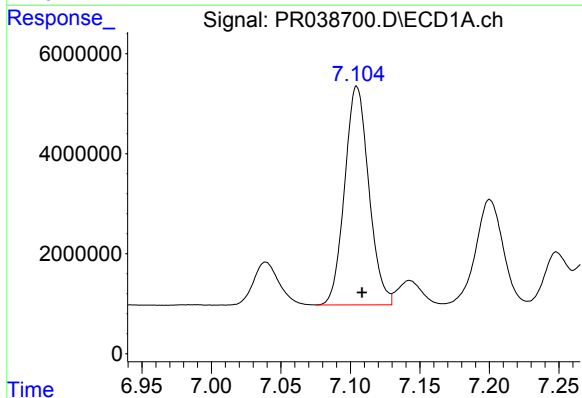
R.T.: 6.639 min
Delta R.T.: -0.003 min
Response: 61336412
Conc: 471.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



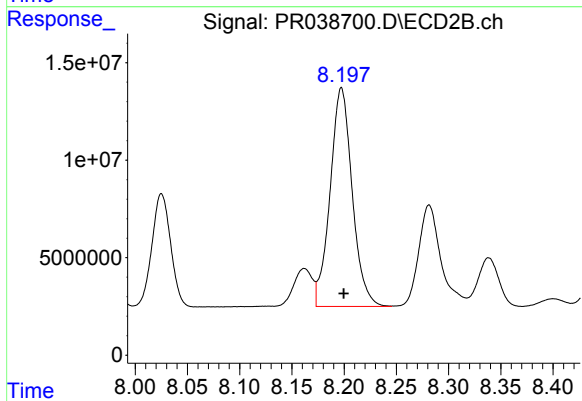
#33 AR-1260-3

R.T.: 7.968 min
Delta R.T.: -0.002 min
Response: 140483299
Conc: 554.80 ng/ml



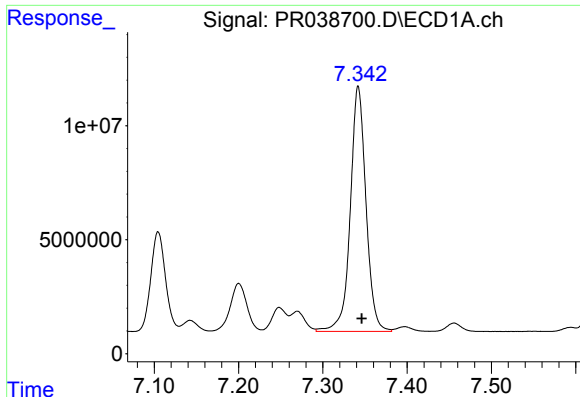
#34 AR-1260-4

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 53009068
Conc: 482.38 ng/ml



#34 AR-1260-4

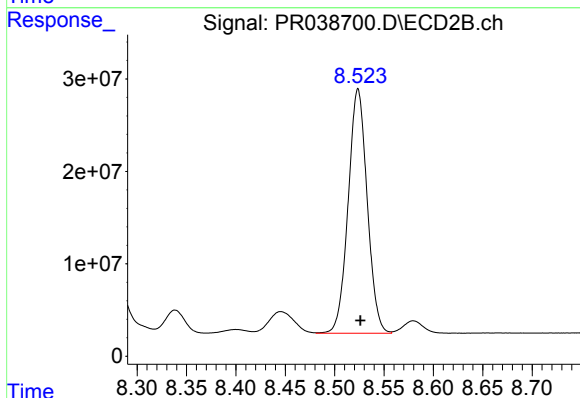
R.T.: 8.197 min
Delta R.T.: -0.002 min
Response: 165046772
Conc: 551.91 ng/ml



#35 AR-1260-5

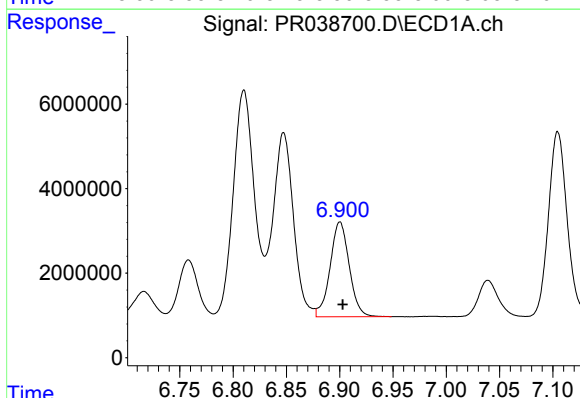
R.T.: 7.342 min
Delta R.T.: -0.004 min
Response: 138873781
Conc: 485.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



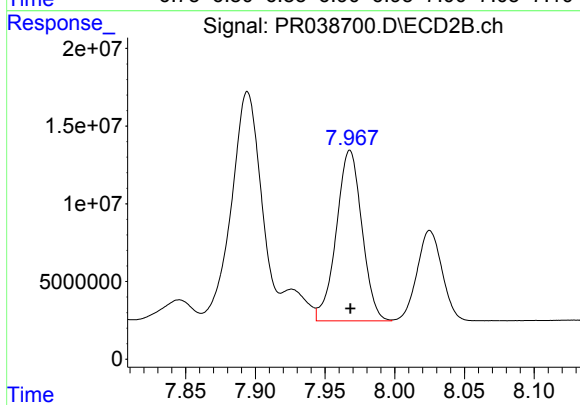
#35 AR-1260-5

R.T.: 8.524 min
Delta R.T.: -0.002 min
Response: 354043590
Conc: 569.58 ng/ml



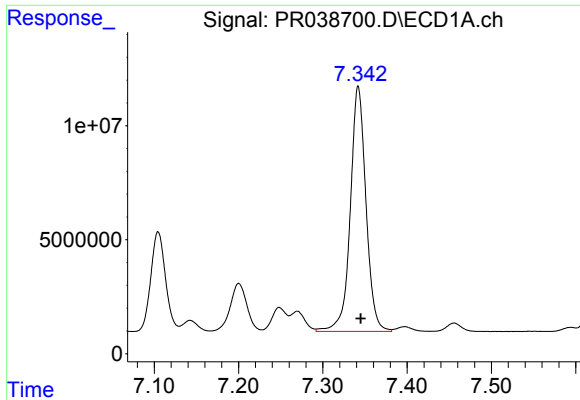
#36 AR-1262-1

R.T.: 6.900 min
Delta R.T.: -0.003 min
Response: 28052155
Conc: 354.44 ng/ml



#36 AR-1262-1

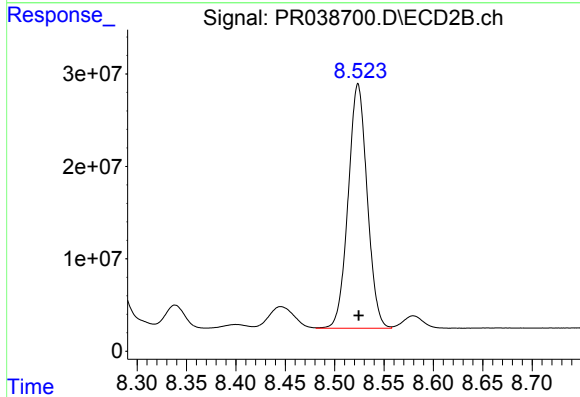
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 140483299
Conc: 317.22 ng/ml



#37 AR-1262-2

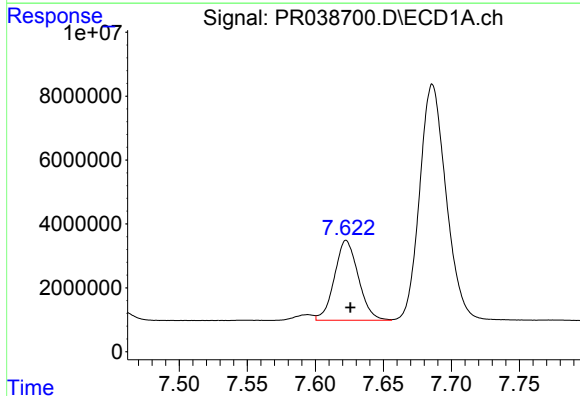
R.T.: 7.342 min
Delta R.T.: -0.003 min
Response: 138873781
Conc: 346.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



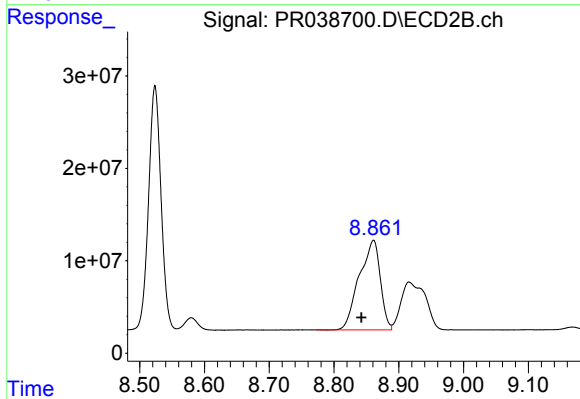
#37 AR-1262-2

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 354043590
Conc: 410.04 ng/ml



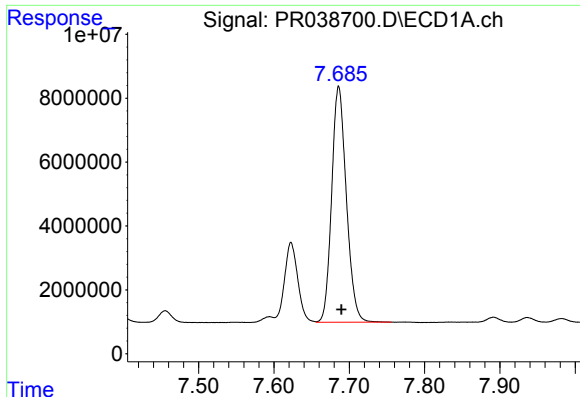
#38 AR-1262-3

R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 30577485
Conc: 201.79 ng/ml



#38 AR-1262-3

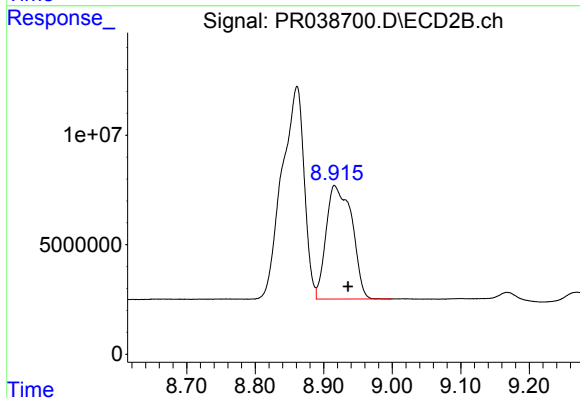
R.T.: 8.861 min
Delta R.T.: 0.019 min
Response: 219390778
Conc: 388.90 ng/ml



#39 AR-1262-4

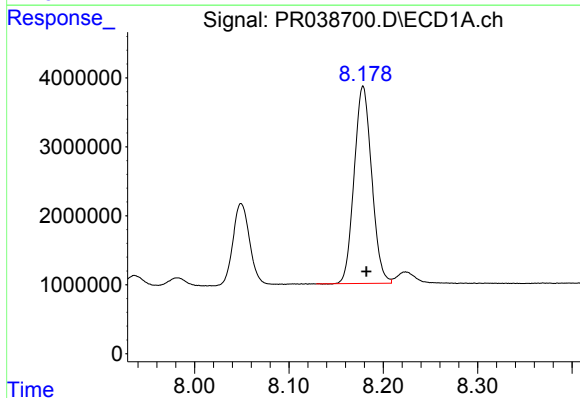
R.T.: 7.686 min
Delta R.T.: -0.004 min
Response: 99918012
Conc: 352.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



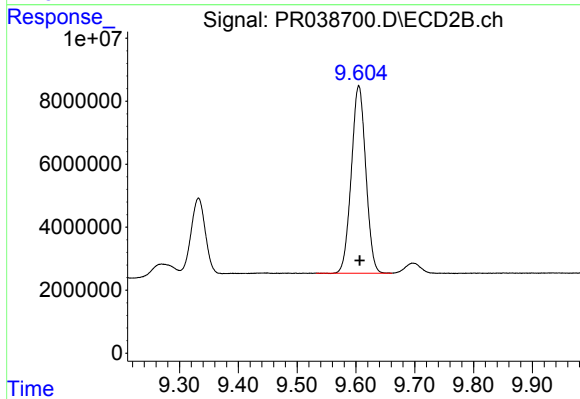
#39 AR-1262-4

R.T.: 8.916 min
Delta R.T.: -0.019 min
Response: 135757480
Conc: 322.07 ng/ml



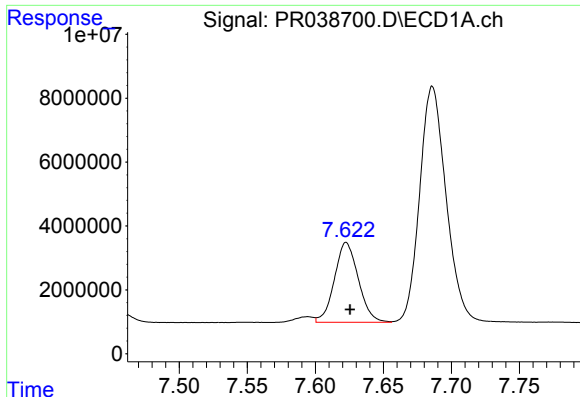
#40 AR-1262-5

R.T.: 8.179 min
Delta R.T.: -0.003 min
Response: 36911121
Conc: 272.09 ng/ml



#40 AR-1262-5

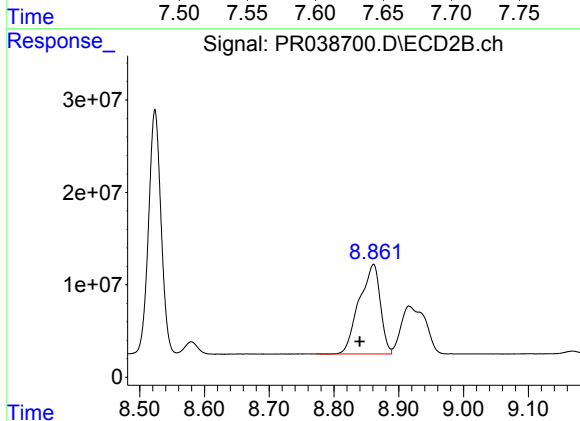
R.T.: 9.605 min
Delta R.T.: -0.002 min
Response: 101779884
Conc: 329.99 ng/ml



#41 AR-1268-1

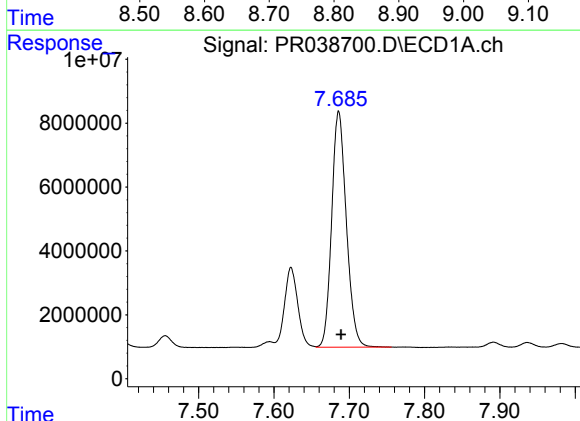
R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 30577485
Conc: 72.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



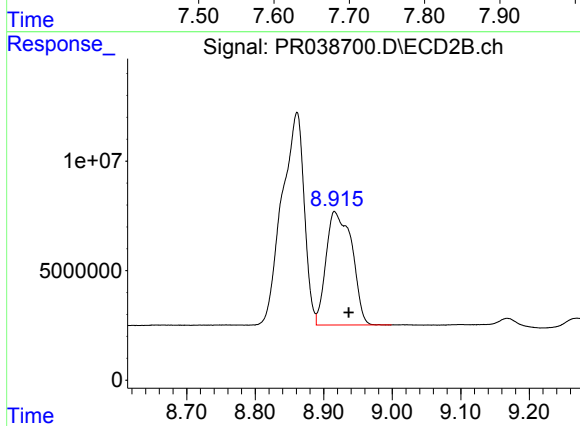
#41 AR-1268-1

R.T.: 8.861 min
Delta R.T.: 0.021 min
Response: 219390778
Conc: 238.60 ng/ml



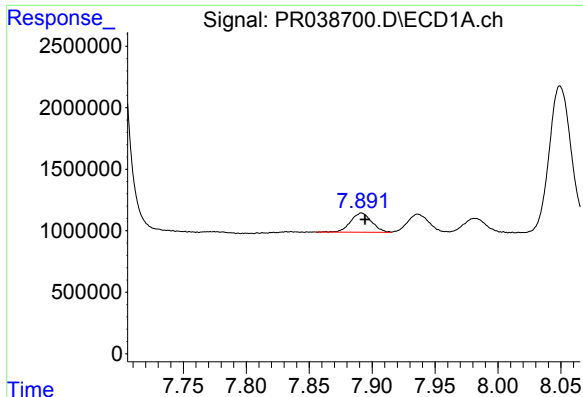
#42 AR-1268-2

R.T.: 7.686 min
Delta R.T.: -0.003 min
Response: 99918012
Conc: 255.42 ng/ml



#42 AR-1268-2

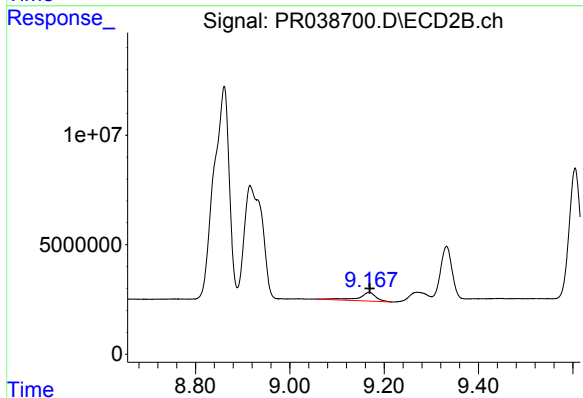
R.T.: 8.916 min
Delta R.T.: -0.021 min
Response: 135757480
Conc: 157.75 ng/ml



#43 AR-1268-3

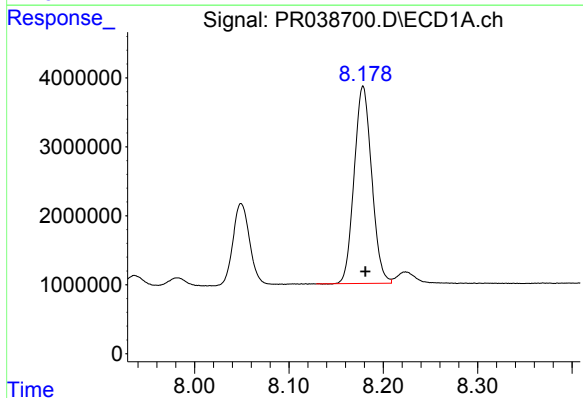
R.T.: 7.892 min
Delta R.T.: -0.003 min
Response: 1802024
Conc: 5.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



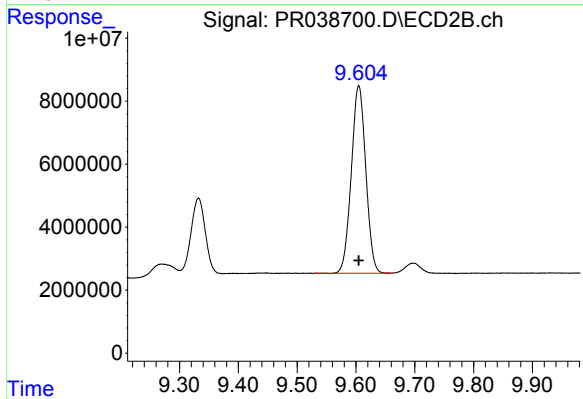
#43 AR-1268-3

R.T.: 9.168 min
Delta R.T.: -0.002 min
Response: 10470704
Conc: 14.74 ng/ml



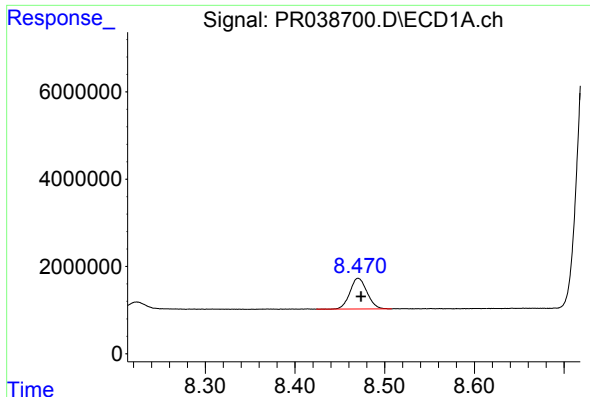
#44 AR-1268-4

R.T.: 8.179 min
Delta R.T.: -0.002 min
Response: 36911121
Conc: 262.57 ng/ml



#44 AR-1268-4

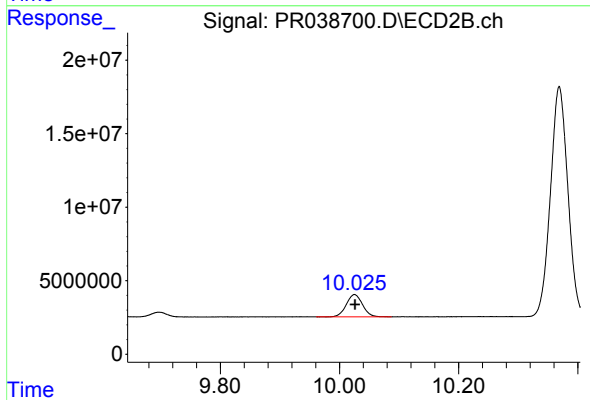
R.T.: 9.605 min
Delta R.T.: 0.000 min
Response: 101779884
Conc: 319.87 ng/ml



#45 AR-1268-5

R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 9293373
Conc: 8.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 10.025 min
Delta R.T.: -0.001 min
Response: 28645457
Conc: 11.18 ng/ml