

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022519\
 Data File : PR035779.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2019 11:16
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660331

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 23:44:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 22 02:53:40 2019
 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...	4.421	3.496	26482338	80847529	21.041	24.247
2)	SA Decachlor...	10.091	8.373	57051128	227.2E6	32.050	38.424
Target Compounds							
3)	L1 AR-1016-1	5.585	4.551	29503950	106.3E6	393.304	450.420
4)	L1 AR-1016-2	5.605	4.568	50404127	171.2E6	411.097	450.173
5)	L1 AR-1016-3	5.668	4.740	29312278	86893681	401.943	453.119
6)	L1 AR-1016-4	5.766	4.781	24095535	65489686	399.908	446.630
7)	L1 AR-1016-5	6.057	4.989	24744774	89691451	398.081	434.722
8)	L2 AR-1221-1	4.626	3.703	2644795	7677777	164.846	166.765
9)	L2 AR-1221-2	4.716	3.788	3275316	10070275	288.377	295.493
10)	L2 AR-1221-3	4.792	3.861	14459781	46886918	370.380	391.462
11)	L3 AR-1232-1	4.792	3.861	14459781	46886918	547.451	585.773
12)	L3 AR-1232-2	5.318	4.568	22126842	171.2E6	1470.706	1693.796
13)	L3 AR-1232-3	5.605	4.740	50404127	86893681	1542.969	1698.369
14)	L3 AR-1232-4	5.766	4.822	24095535	81240402	1507.809	1785.363
15)	L3 AR-1232-5	5.854	4.989	20987828	89691451	1594.966	1745.910
16)	L4 AR-1242-1	5.585	4.551	29503950	106.3E6	728.837	804.751
17)	L4 AR-1242-2	5.605	4.568	50404127	171.2E6	759.984	825.091
18)	L4 AR-1242-3	5.668	4.740	29312278	86893681	718.273	809.662
19)	L4 AR-1242-4	5.766	4.822	24095535	81240402	723.365	775.968
20)	L4 AR-1242-5	6.498	5.332	7732863	96479240	183.603	613.335 #
21)	L5 AR-1248-1	5.585	4.551	29503950	106.3E6	1044.499	1149.650
22)	L5 AR-1248-2	5.854	4.781	20987828	65489686	472.005	500.671
23)	L5 AR-1248-3	6.057	4.822	24744774	81240402	481.861	600.639
24)	L5 AR-1248-4	6.458	4.989	9051961	89691451	146.551	524.043 #
25)	L5 AR-1248-5	6.498	5.373	7732863	23665627	128.469	124.637
26)	L6 AR-1254-1	6.431	5.332	23469465	96479240	377.179	325.600
27)	L6 AR-1254-2	6.647	5.477	21502398	70943578	212.808	266.736 #
28)	L6 AR-1254-3	7.015	5.886	10949045	146.3E6	97.235	322.394 #
29)	L6 AR-1254-4	7.298	6.098	8764902	13971889	103.717	43.876 #
30)	L6 AR-1254-5	7.714	6.507	87700647	306.9E6	913.488	704.418
31)	L7 AR-1260-1	7.175	5.999	54084791	213.3E6	381.984	427.161
32)	L7 AR-1260-2	7.430	6.185	66100366	301.2E6	374.982	420.728
33)	L7 AR-1260-3	7.714	6.335	87700647	254.2E6	381.566	419.258
34)	L7 AR-1260-4	8.014	6.800	56615689	211.0E6	367.387	411.102
35)	L7 AR-1260-5	8.330	7.040	112.7E6	589.9E6	347.706	401.759
36)	L8 AR-1262-1	7.788	6.544	49401252	265.3E6	402.268	448.563
37)	L8 AR-1262-2	8.330	7.040	112.7E6	589.9E6	519.784	562.328
38)	L8 AR-1262-3	8.652	7.318	70026530	122.4E6	490.603	290.348 #
39)	L8 AR-1262-4	8.707	7.382	41669981	377.8E6	386.963	526.742 #
40)	L8 AR-1262-5	9.367	7.873	27522927	119.1E6	408.167	393.467
41)	L9 AR-1268-1	8.652	7.318	70026530	122.4E6	182.876	63.005 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022519\
 Data File : PR035779.D
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 Acq On : 25 Feb 2019 11:16
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

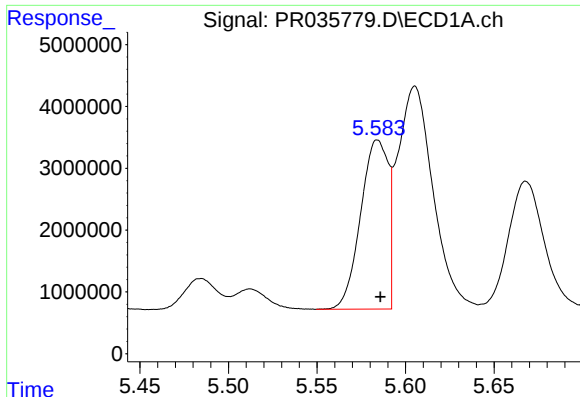
Instrument :
 ECD_R
 ClientSampleId :
 AR1660331

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 23:44:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022119CLP.M
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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	8.707	7.382	41669981	377.8E6	122.059	223.742 #
43) L9	AR-1268-3	8.945	7.583	1265369	5932620	4.301	3.972
44) L9	AR-1268-4	9.367	7.873	27522927	119.1E6	242.826	229.895
45) L9	AR-1268-5	9.767	8.143	7155619	27552216	8.153	6.949

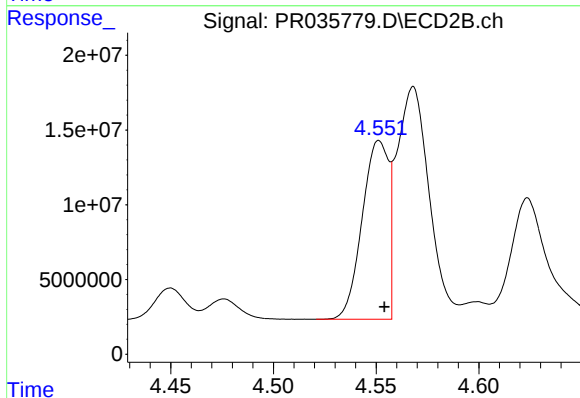
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

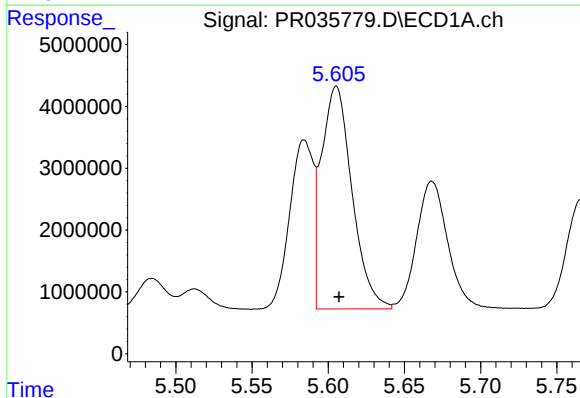
R.T.: 5.585 min
Delta R.T.: -0.001 min
Response: 29503950
Conc: 393.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



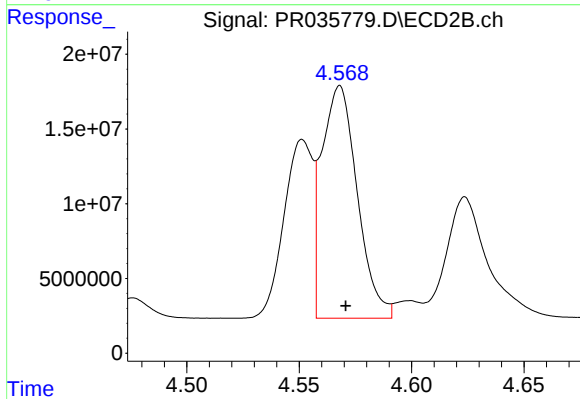
#3 AR-1016-1

R.T.: 4.551 min
Delta R.T.: -0.003 min
Response: 106286764
Conc: 450.42 ng/ml



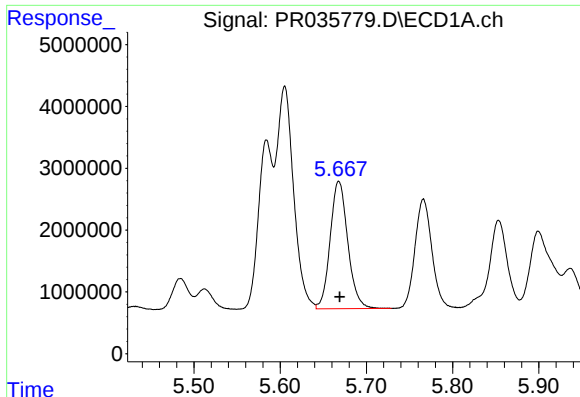
#4 AR-1016-2

R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 50404127
Conc: 411.10 ng/ml



#4 AR-1016-2

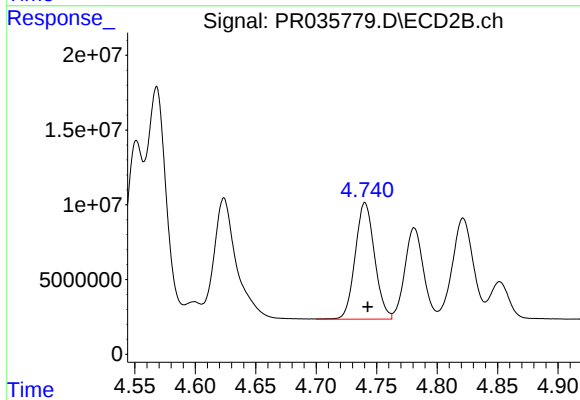
R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 171213848
Conc: 450.17 ng/ml



#5 AR-1016-3

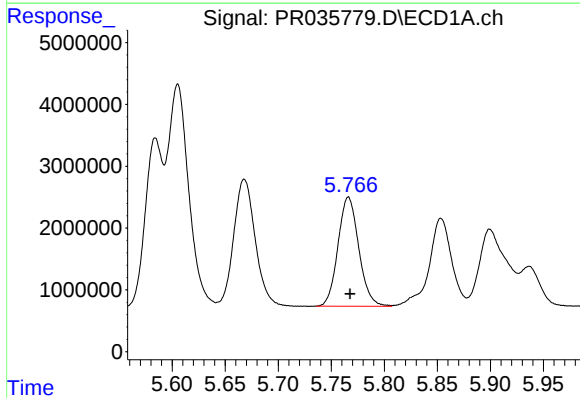
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 29312278
Conc: 401.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



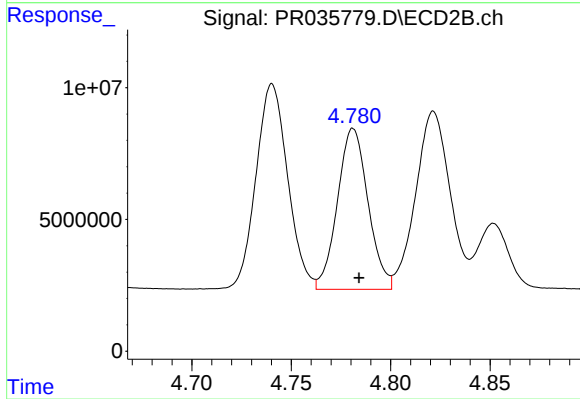
#5 AR-1016-3

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 86893681
Conc: 453.12 ng/ml



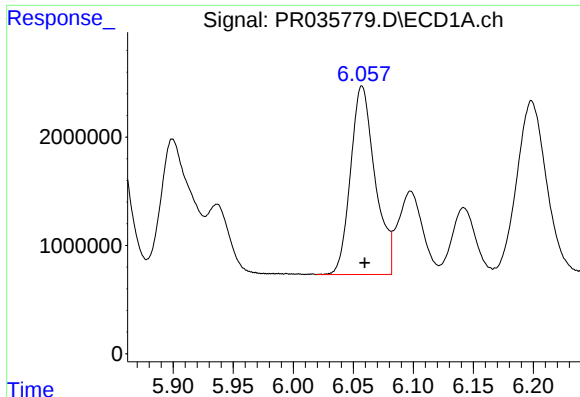
#6 AR-1016-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 24095535
Conc: 399.91 ng/ml



#6 AR-1016-4

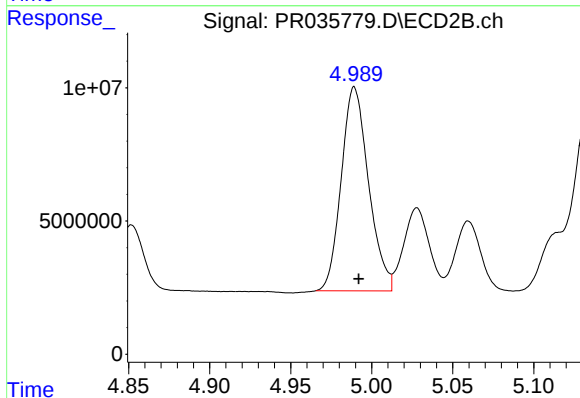
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 65489686
Conc: 446.63 ng/ml



#7 AR-1016-5

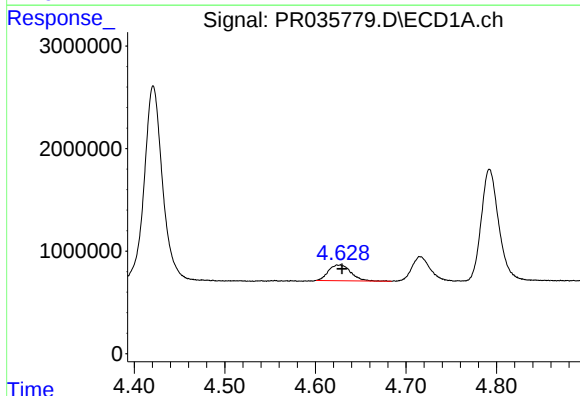
R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 24744774
Conc: 398.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



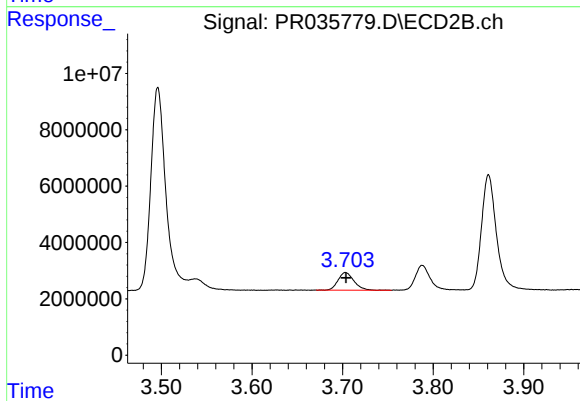
#7 AR-1016-5

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 89691451
Conc: 434.72 ng/ml



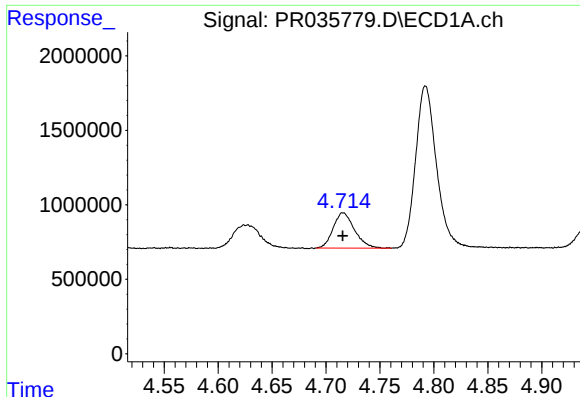
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: -0.003 min
Response: 2644795
Conc: 164.85 ng/ml



#8 AR-1221-1

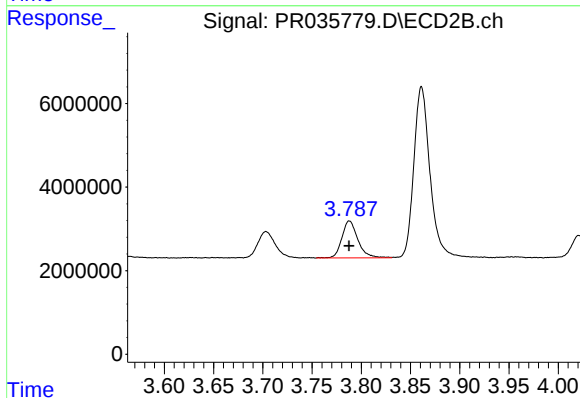
R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 7677777
Conc: 166.77 ng/ml



#9 AR-1221-2

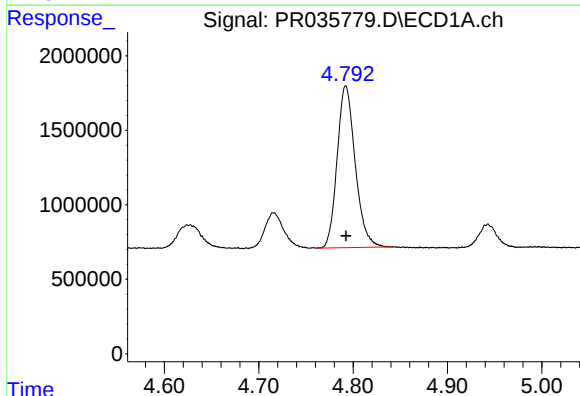
R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 3275316
Conc: 288.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



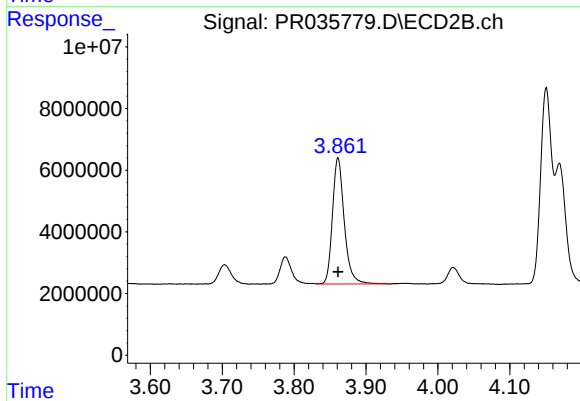
#9 AR-1221-2

R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 10070275
Conc: 295.49 ng/ml



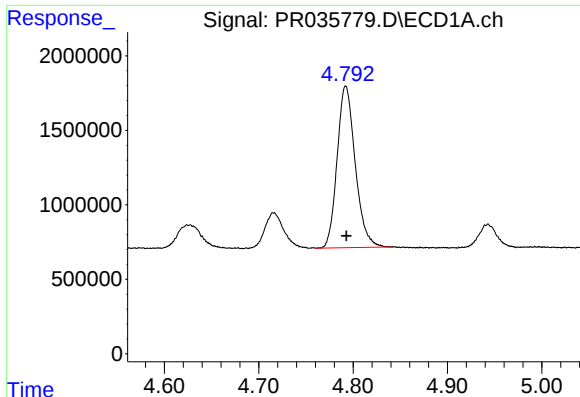
#10 AR-1221-3

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 14459781
Conc: 370.38 ng/ml



#10 AR-1221-3

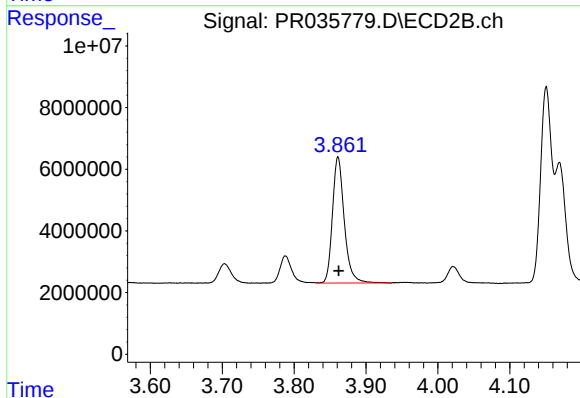
R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 46886918
Conc: 391.46 ng/ml



#11 AR-1232-1

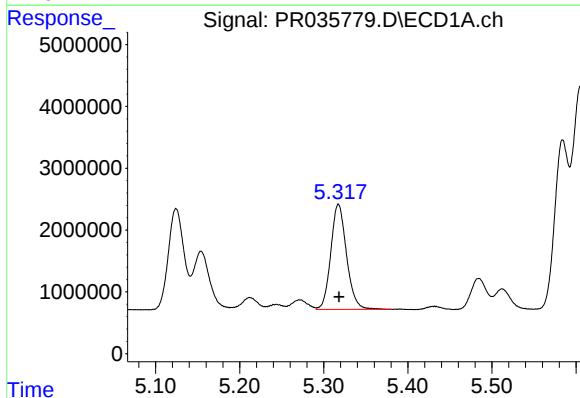
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 14459781
Conc: 547.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



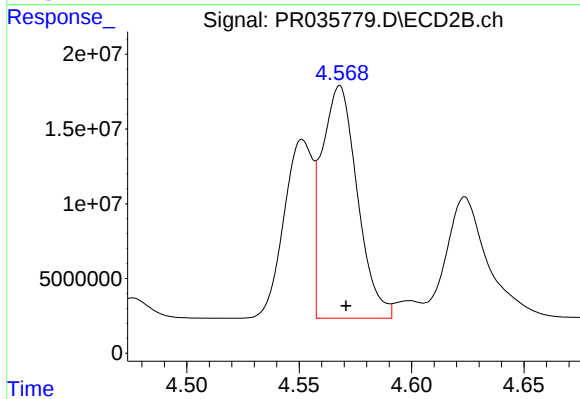
#11 AR-1232-1

R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 46886918
Conc: 585.77 ng/ml



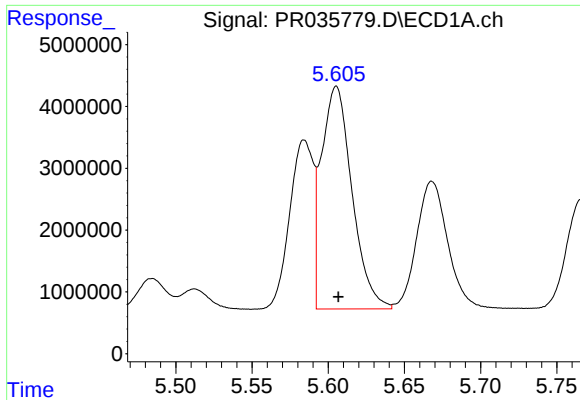
#12 AR-1232-2

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 22126842
Conc: 1470.71 ng/ml



#12 AR-1232-2

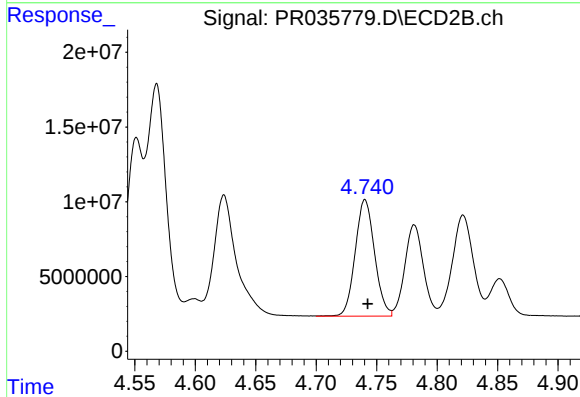
R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 171213848
Conc: 1693.80 ng/ml



#13 AR-1232-3

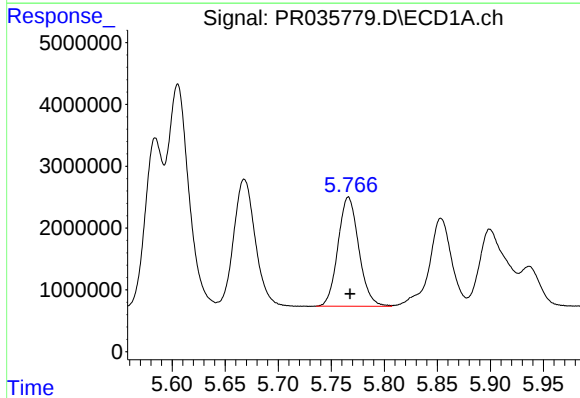
R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 50404127
Conc: 1542.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



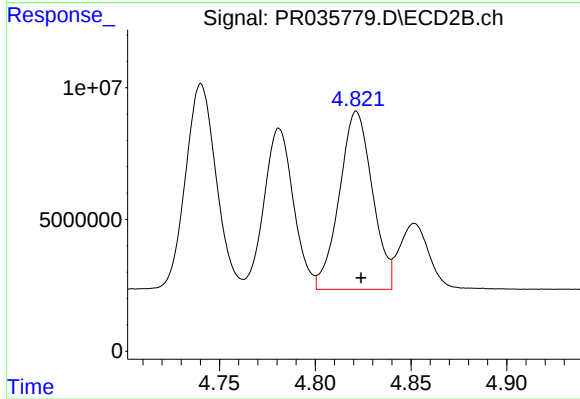
#13 AR-1232-3

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 86893681
Conc: 1698.37 ng/ml



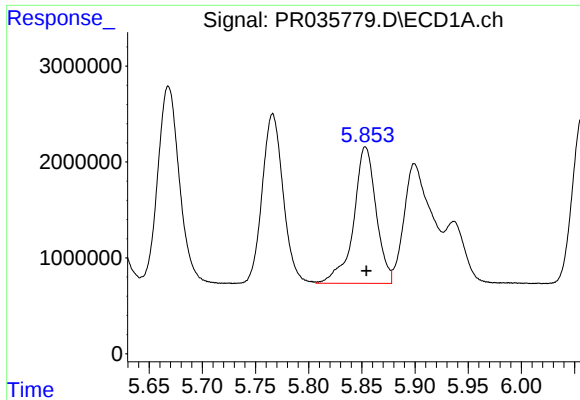
#14 AR-1232-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 24095535
Conc: 1507.81 ng/ml



#14 AR-1232-4

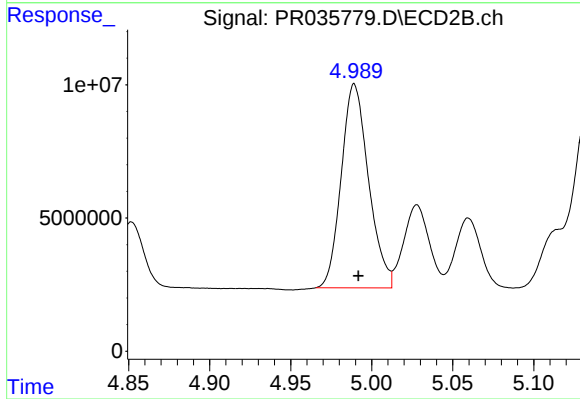
R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 81240402
Conc: 1785.36 ng/ml



#15 AR-1232-5

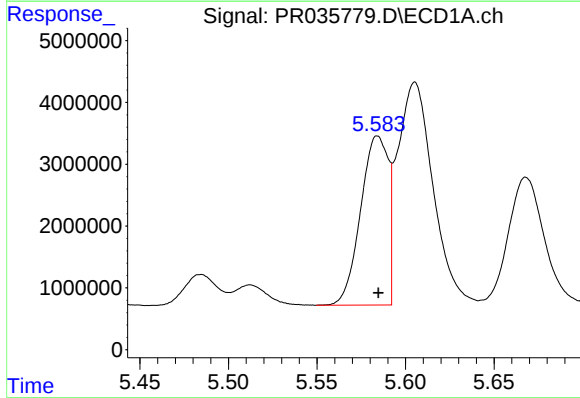
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 20987828
Conc: 1594.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



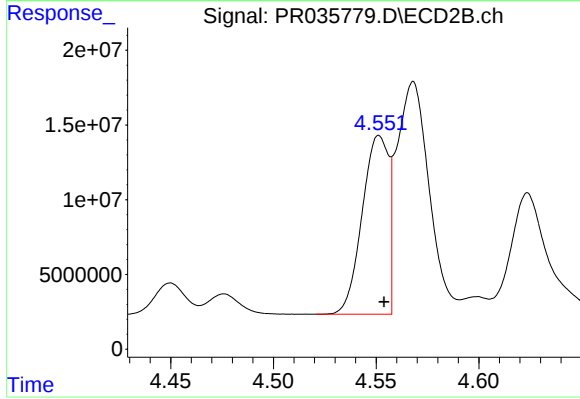
#15 AR-1232-5

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 89691451
Conc: 1745.91 ng/ml



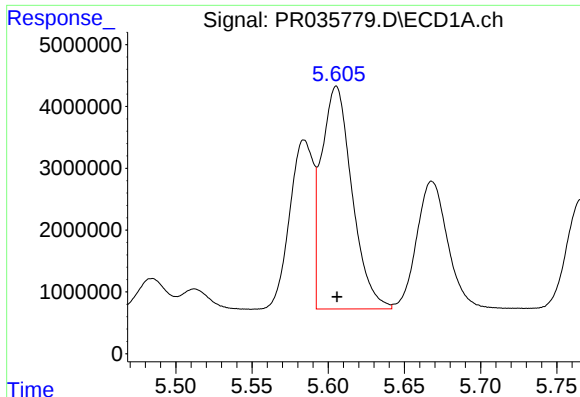
#16 AR-1242-1

R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 29503950
Conc: 728.84 ng/ml



#16 AR-1242-1

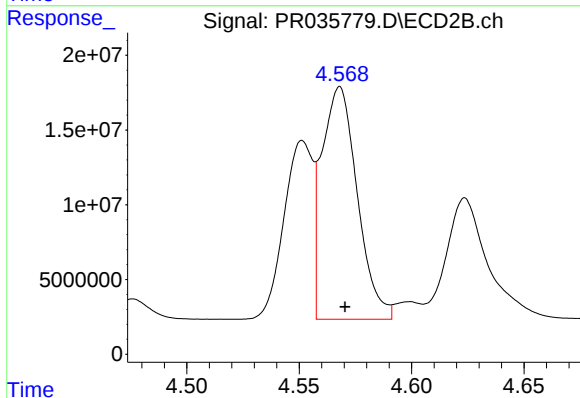
R.T.: 4.551 min
Delta R.T.: -0.002 min
Response: 106286764
Conc: 804.75 ng/ml



#17 AR-1242-2

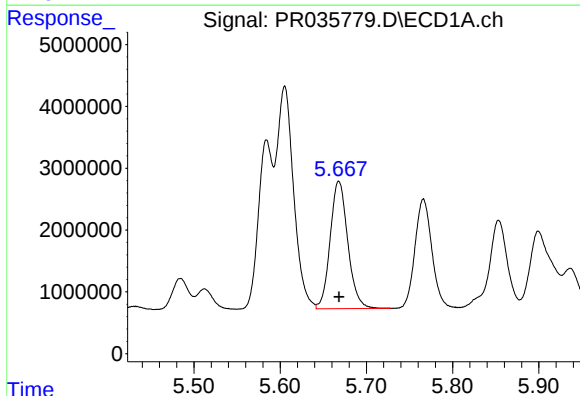
R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 50404127
Conc: 759.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



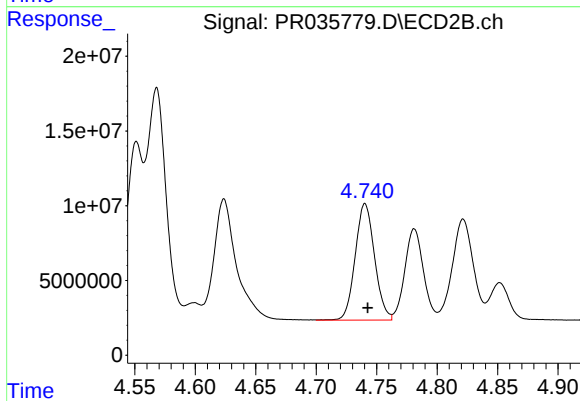
#17 AR-1242-2

R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 171213848
Conc: 825.09 ng/ml



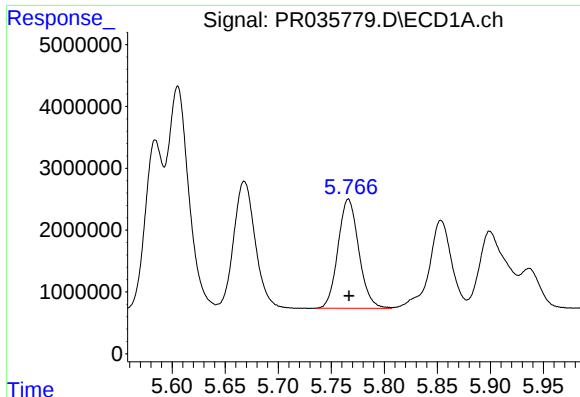
#18 AR-1242-3

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 29312278
Conc: 718.27 ng/ml



#18 AR-1242-3

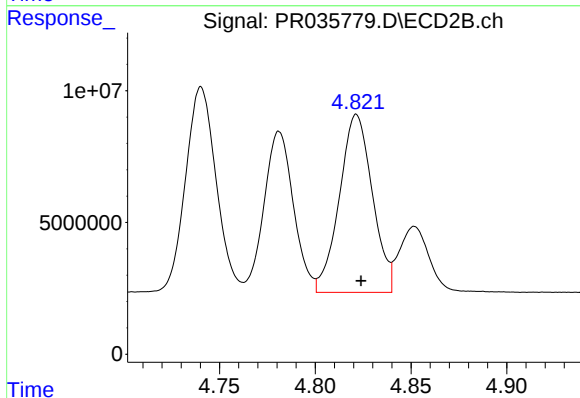
R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 86893681
Conc: 809.66 ng/ml



#19 AR-1242-4

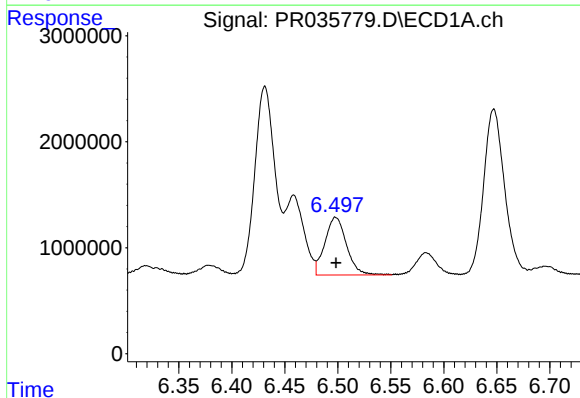
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 24095535
Conc: 723.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



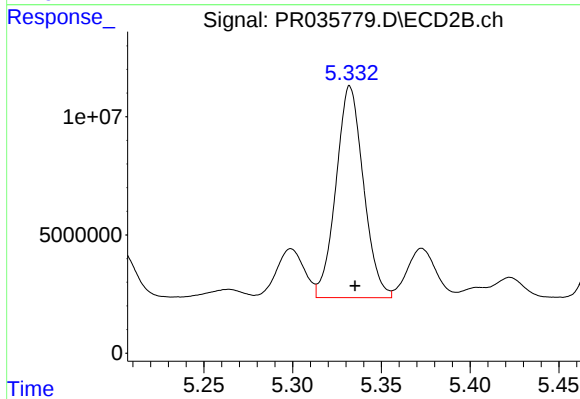
#19 AR-1242-4

R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 81240402
Conc: 775.97 ng/ml



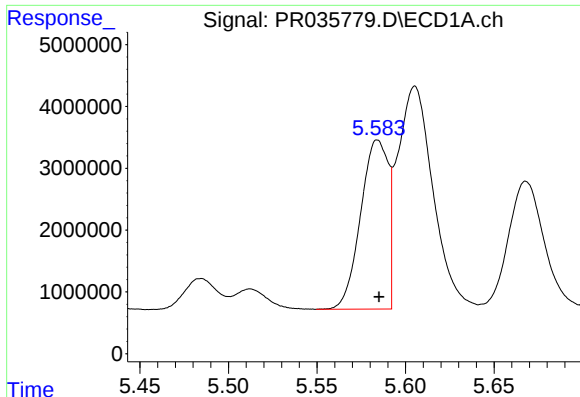
#20 AR-1242-5

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 7732863
Conc: 183.60 ng/ml



#20 AR-1242-5

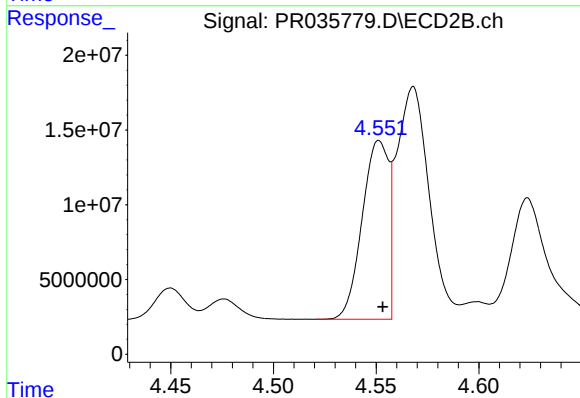
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 96479240
Conc: 613.33 ng/ml



#21 AR-1248-1

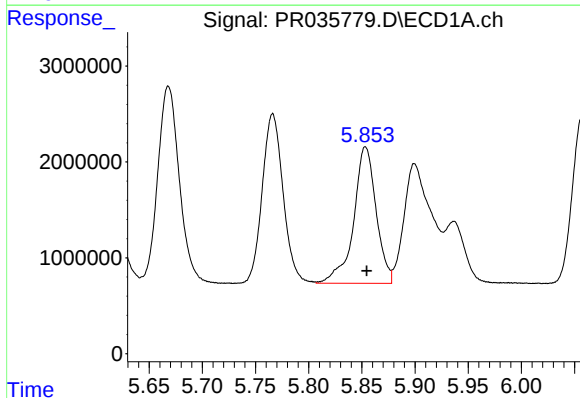
R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 29503950
Conc: 1044.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



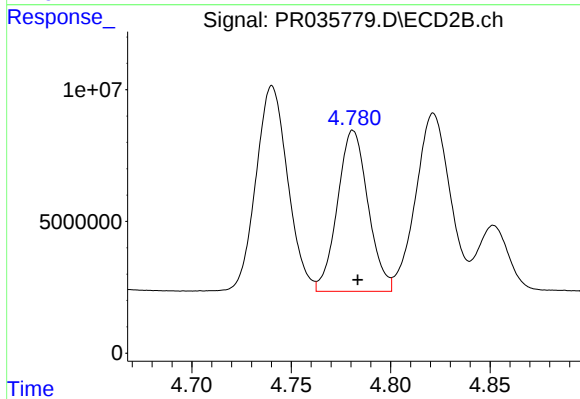
#21 AR-1248-1

R.T.: 4.551 min
Delta R.T.: -0.002 min
Response: 106286764
Conc: 1149.65 ng/ml



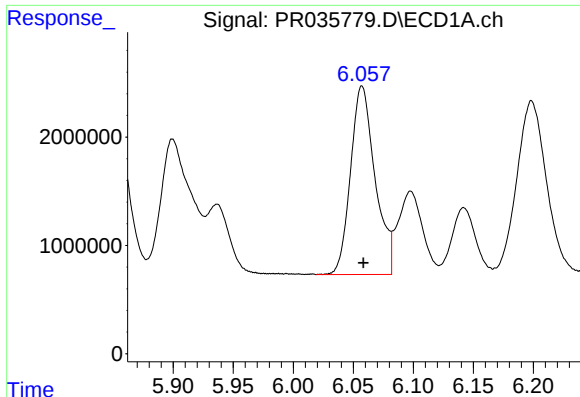
#22 AR-1248-2

R.T.: 5.854 min
Delta R.T.: -0.001 min
Response: 20987828
Conc: 472.00 ng/ml



#22 AR-1248-2

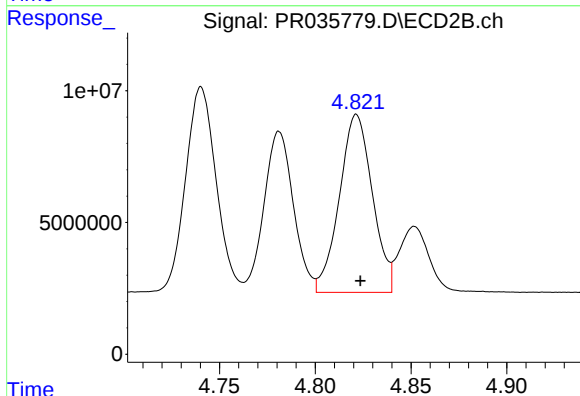
R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 65489686
Conc: 500.67 ng/ml



#23 AR-1248-3

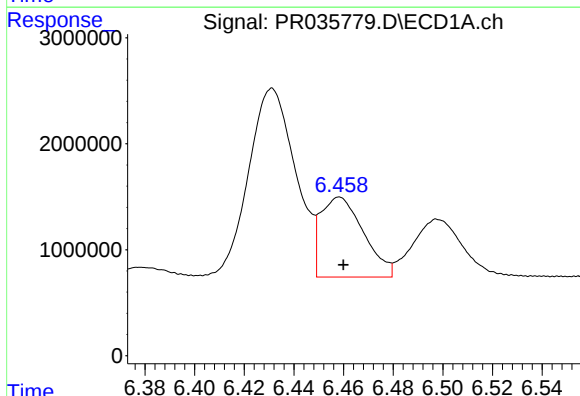
R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 24744774
Conc: 481.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



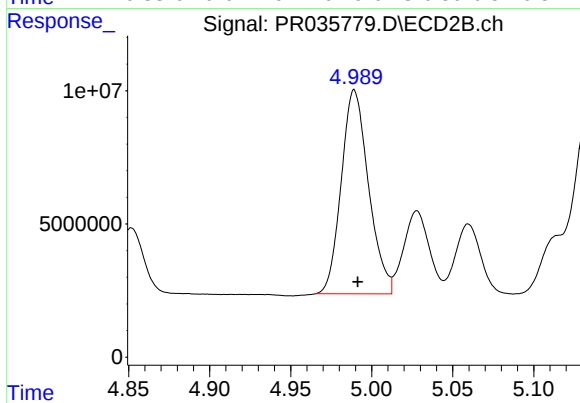
#23 AR-1248-3

R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 81240402
Conc: 600.64 ng/ml



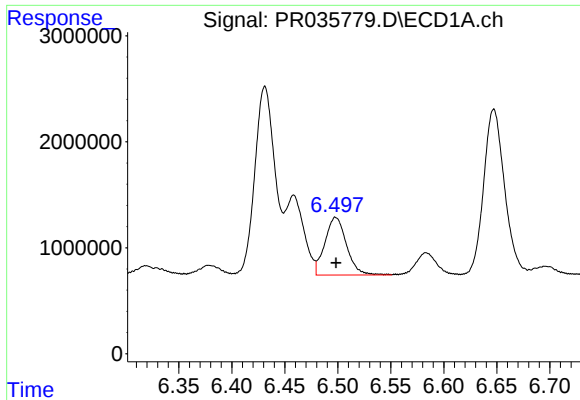
#24 AR-1248-4

R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 9051961
Conc: 146.55 ng/ml



#24 AR-1248-4

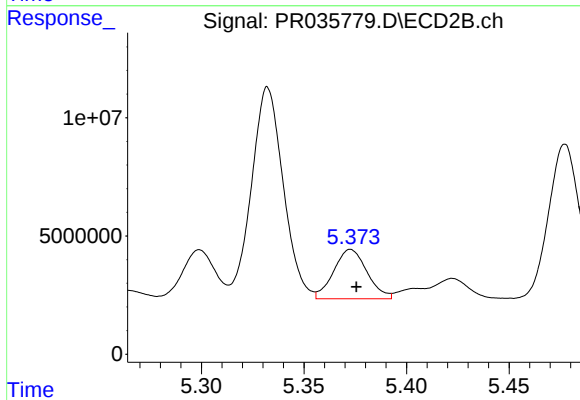
R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 89691451
Conc: 524.04 ng/ml



#25 AR-1248-5

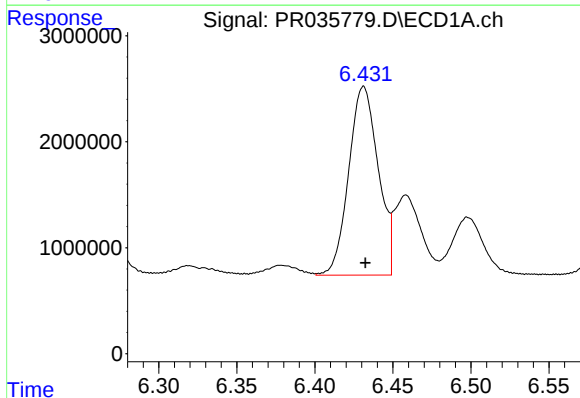
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 7732863
Conc: 128.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



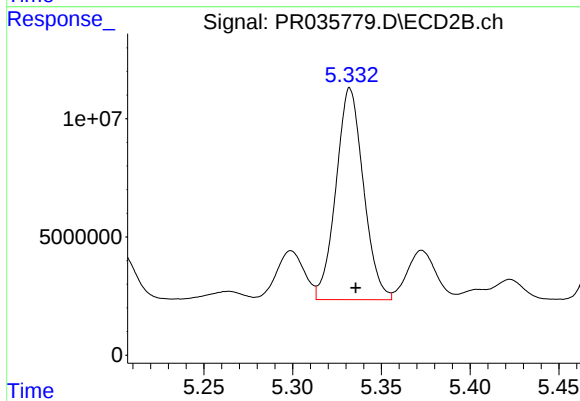
#25 AR-1248-5

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 23665627
Conc: 124.64 ng/ml



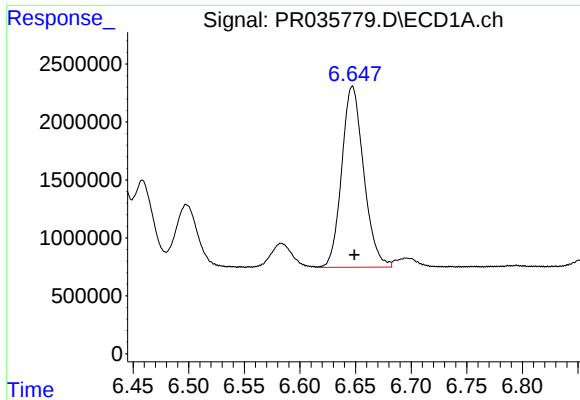
#26 AR-1254-1

R.T.: 6.431 min
Delta R.T.: -0.001 min
Response: 23469465
Conc: 377.18 ng/ml



#26 AR-1254-1

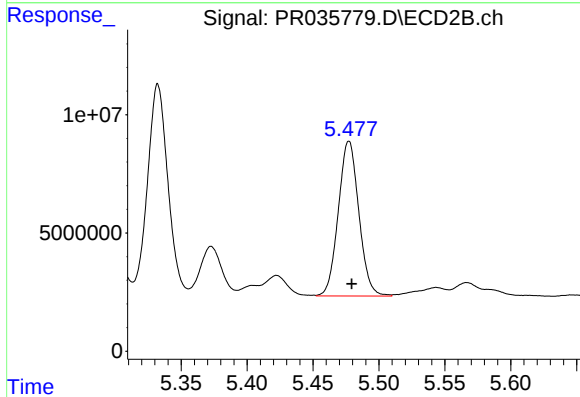
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 96479240
Conc: 325.60 ng/ml



#27 AR-1254-2

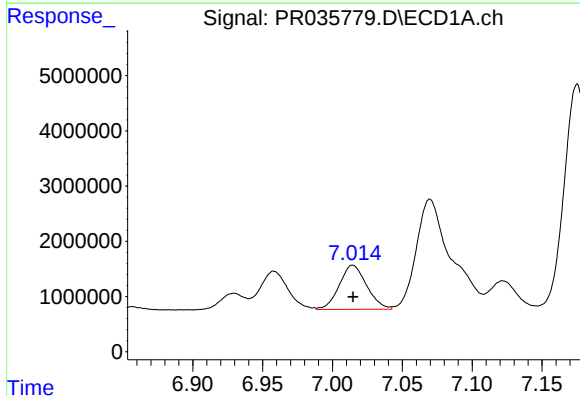
R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 21502398
Conc: 212.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



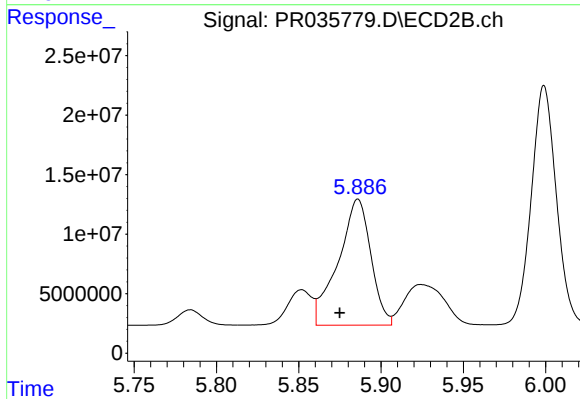
#27 AR-1254-2

R.T.: 5.477 min
Delta R.T.: -0.002 min
Response: 70943578
Conc: 266.74 ng/ml



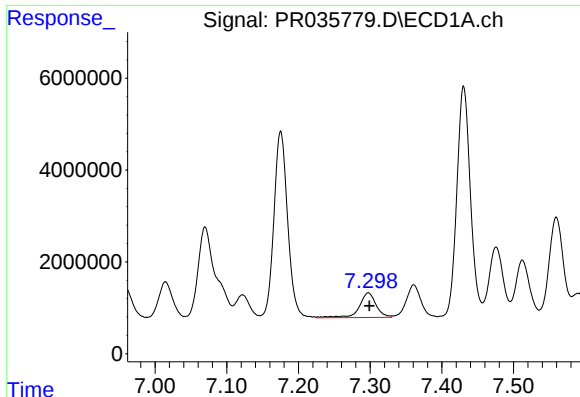
#28 AR-1254-3

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 10949045
Conc: 97.24 ng/ml



#28 AR-1254-3

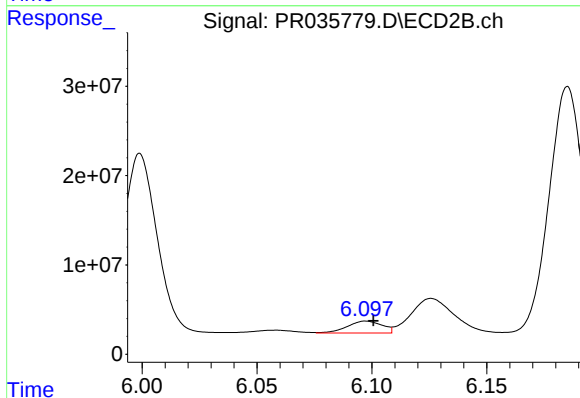
R.T.: 5.886 min
Delta R.T.: 0.011 min
Response: 146271884
Conc: 322.39 ng/ml



#29 AR-1254-4

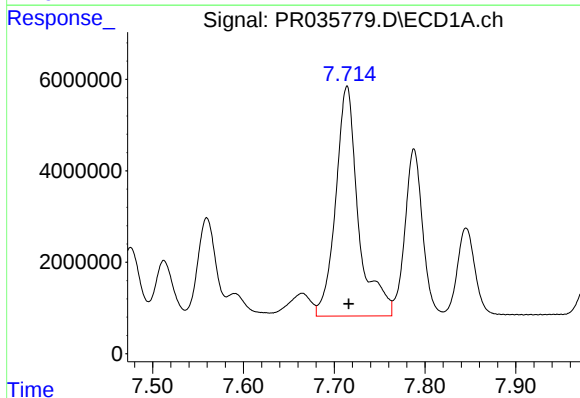
R.T.: 7.298 min
Delta R.T.: -0.002 min
Response: 8764902
Conc: 103.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



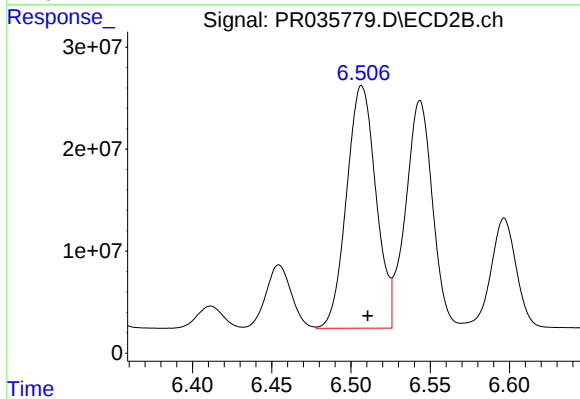
#29 AR-1254-4

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 13971889
Conc: 43.88 ng/ml



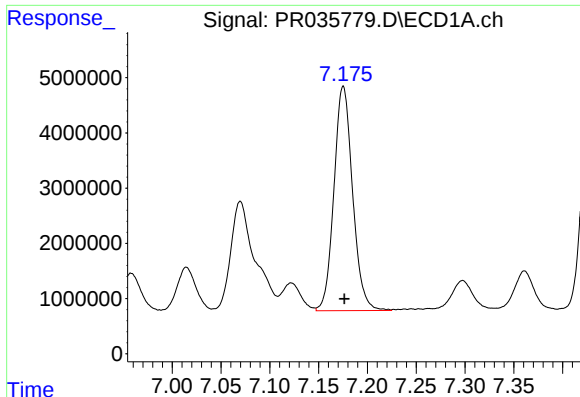
#30 AR-1254-5

R.T.: 7.714 min
Delta R.T.: -0.002 min
Response: 87700647
Conc: 913.49 ng/ml



#30 AR-1254-5

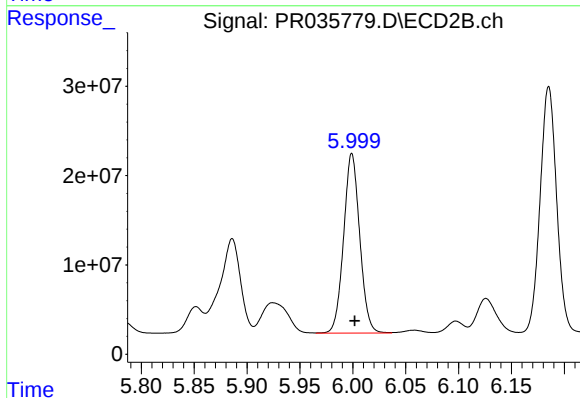
R.T.: 6.507 min
Delta R.T.: -0.004 min
Response: 306855817
Conc: 704.42 ng/ml



#31 AR-1260-1

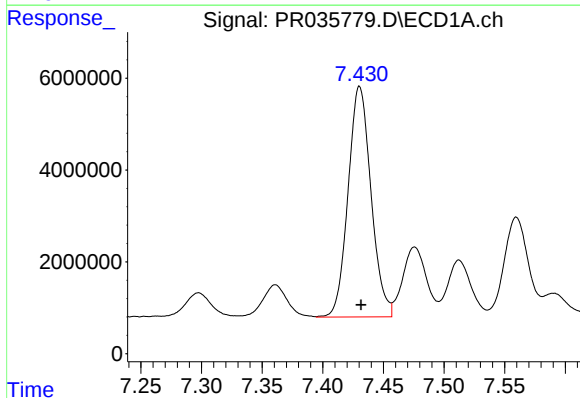
R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 54084791
Conc: 381.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



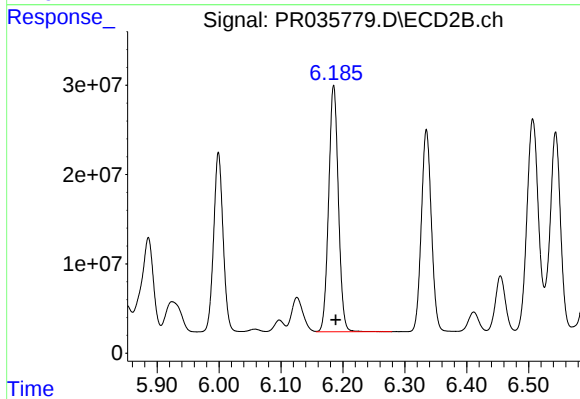
#31 AR-1260-1

R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 213333665
Conc: 427.16 ng/ml



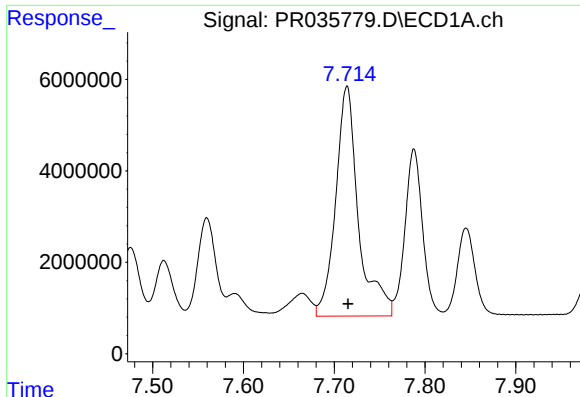
#32 AR-1260-2

R.T.: 7.430 min
Delta R.T.: -0.001 min
Response: 66100366
Conc: 374.98 ng/ml



#32 AR-1260-2

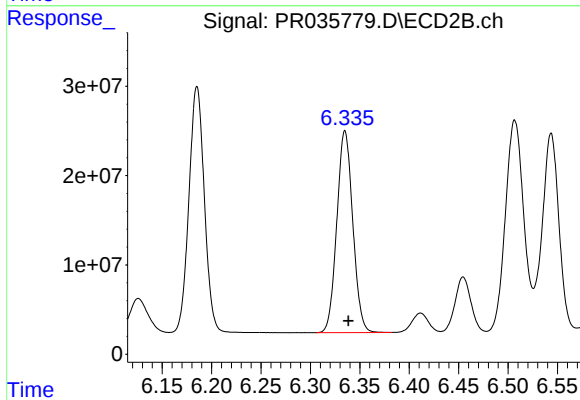
R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 301223182
Conc: 420.73 ng/ml



#33 AR-1260-3

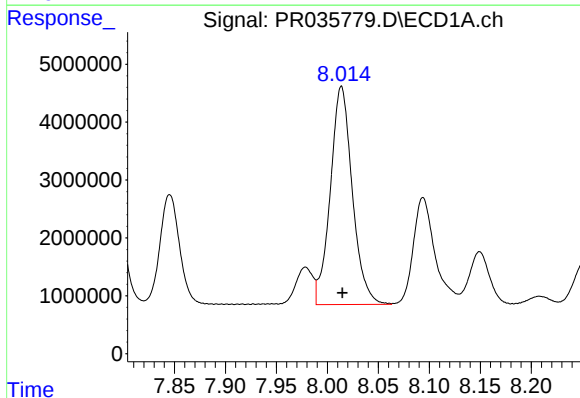
R.T.: 7.714 min
Delta R.T.: -0.001 min
Response: 87700647
Conc: 381.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



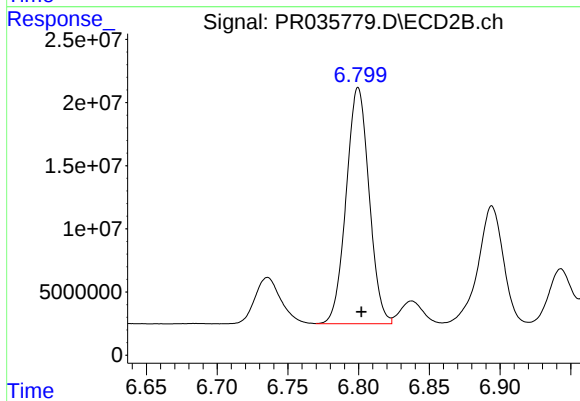
#33 AR-1260-3

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 254183231
Conc: 419.26 ng/ml



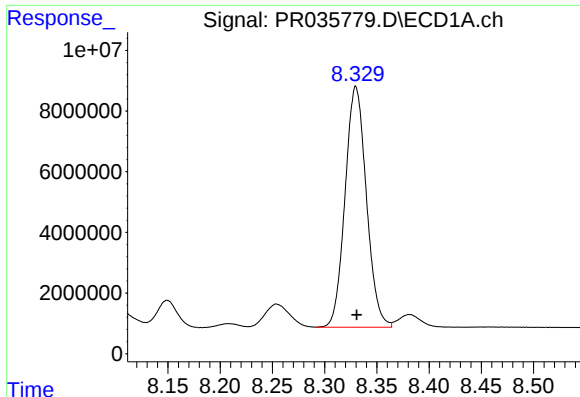
#34 AR-1260-4

R.T.: 8.014 min
Delta R.T.: -0.001 min
Response: 56615689
Conc: 367.39 ng/ml



#34 AR-1260-4

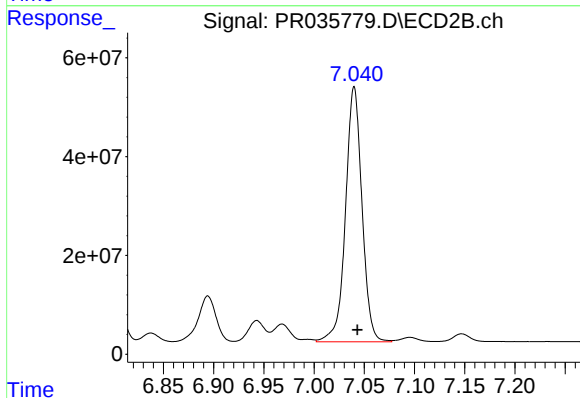
R.T.: 6.800 min
Delta R.T.: -0.002 min
Response: 210982984
Conc: 411.10 ng/ml



#35 AR-1260-5

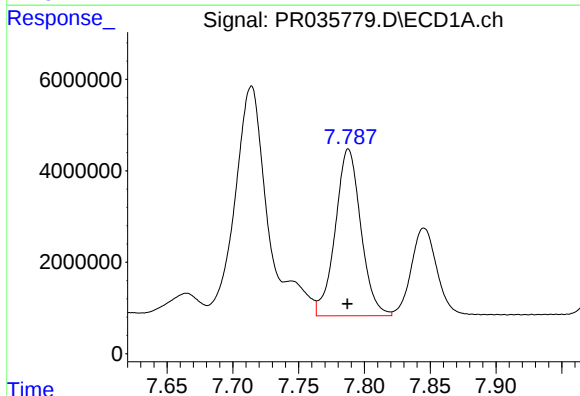
R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 112716444
Conc: 347.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



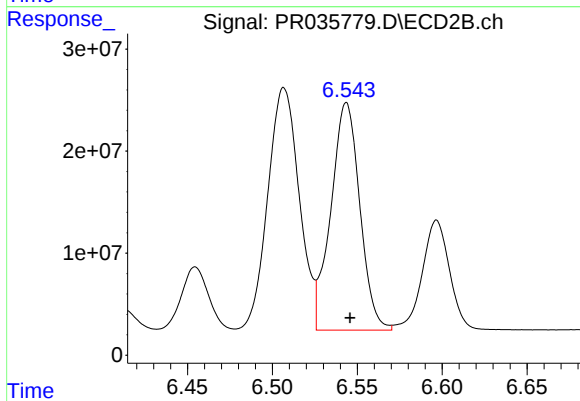
#35 AR-1260-5

R.T.: 7.040 min
Delta R.T.: -0.003 min
Response: 589883317
Conc: 401.76 ng/ml



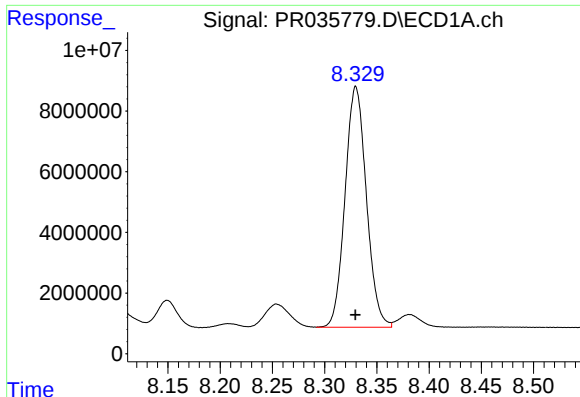
#36 AR-1262-1

R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 49401252
Conc: 402.27 ng/ml



#36 AR-1262-1

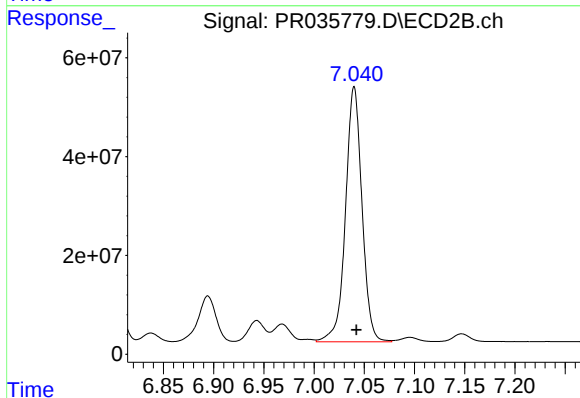
R.T.: 6.544 min
Delta R.T.: -0.002 min
Response: 265270526
Conc: 448.56 ng/ml



#37 AR-1262-2

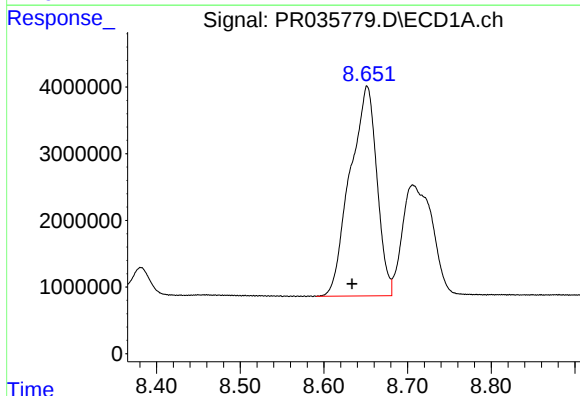
R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 112716444
Conc: 519.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



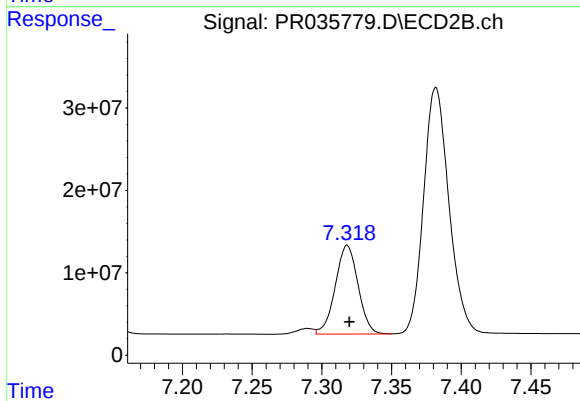
#37 AR-1262-2

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 589883317
Conc: 562.33 ng/ml



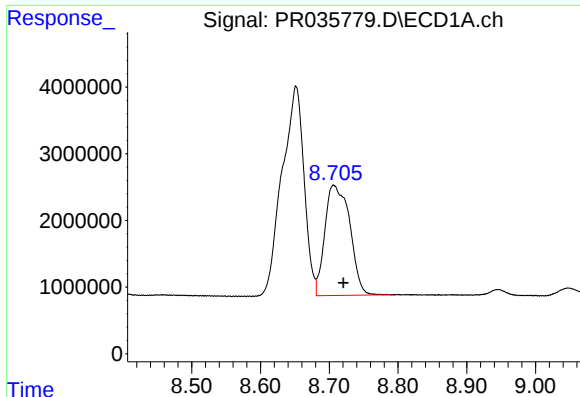
#38 AR-1262-3

R.T.: 8.652 min
Delta R.T.: 0.018 min
Response: 70026530
Conc: 490.60 ng/ml



#38 AR-1262-3

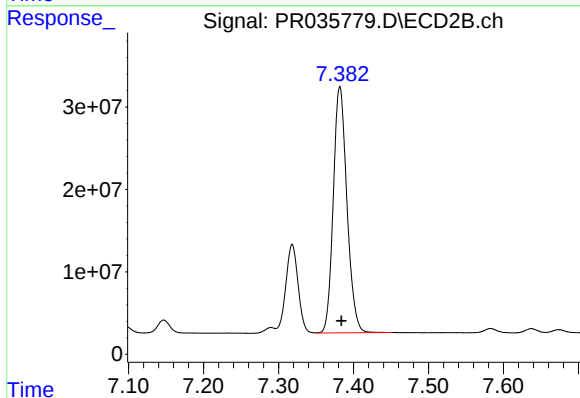
R.T.: 7.318 min
Delta R.T.: -0.002 min
Response: 122413505
Conc: 290.35 ng/ml



#39 AR-1262-4

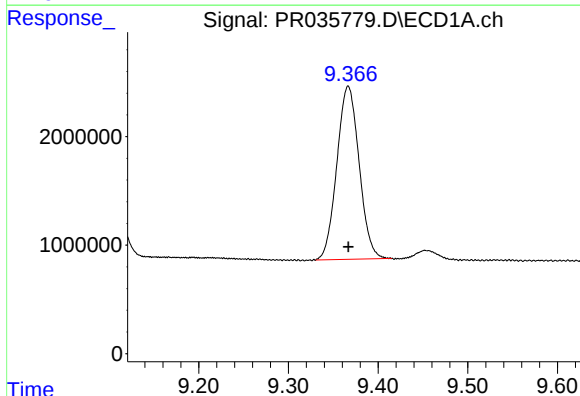
R.T.: 8.707 min
Delta R.T.: -0.014 min
Response: 41669981
Conc: 386.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



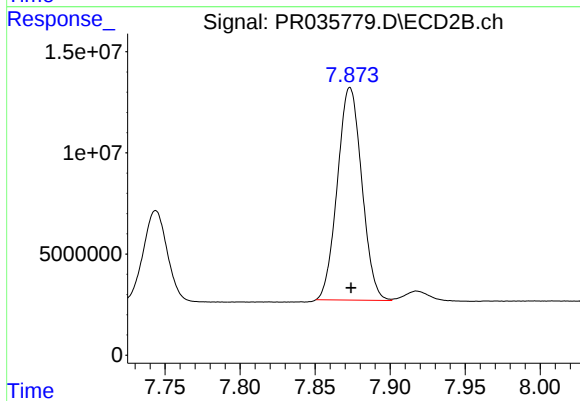
#39 AR-1262-4

R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 377781571
Conc: 526.74 ng/ml



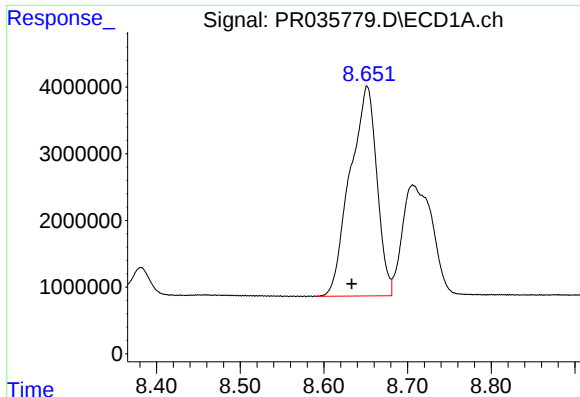
#40 AR-1262-5

R.T.: 9.367 min
Delta R.T.: 0.000 min
Response: 27522927
Conc: 408.17 ng/ml



#40 AR-1262-5

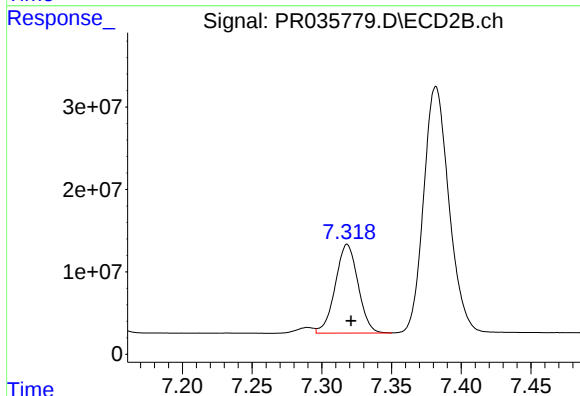
R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 119090446
Conc: 393.47 ng/ml



#41 AR-1268-1

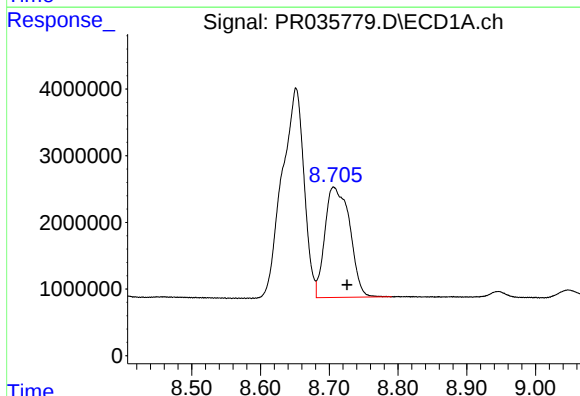
R.T.: 8.652 min
Delta R.T.: 0.019 min
Response: 70026530
Conc: 182.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



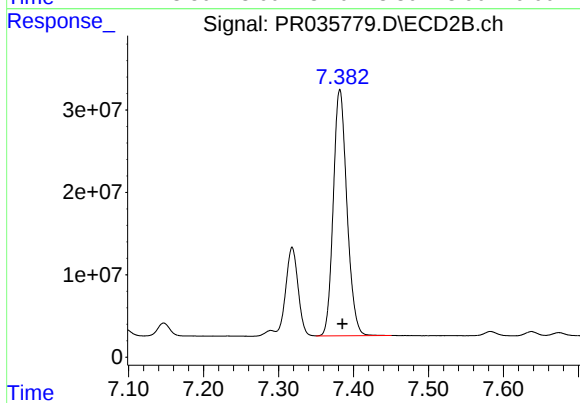
#41 AR-1268-1

R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 122413505
Conc: 63.01 ng/ml



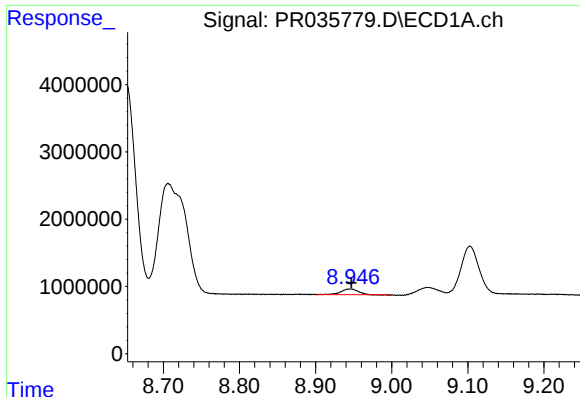
#42 AR-1268-2

R.T.: 8.707 min
Delta R.T.: -0.019 min
Response: 41669981
Conc: 122.06 ng/ml



#42 AR-1268-2

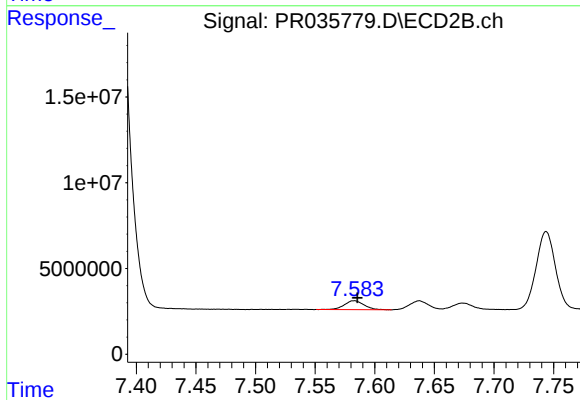
R.T.: 7.382 min
Delta R.T.: -0.003 min
Response: 377781571
Conc: 223.74 ng/ml



#43 AR-1268-3

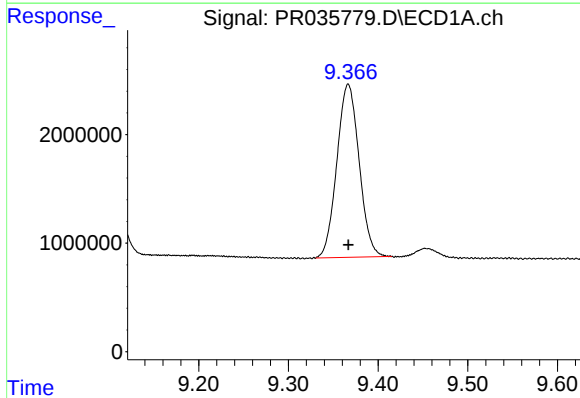
R.T.: 8.945 min
Delta R.T.: -0.002 min
Response: 1265369
Conc: 4.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



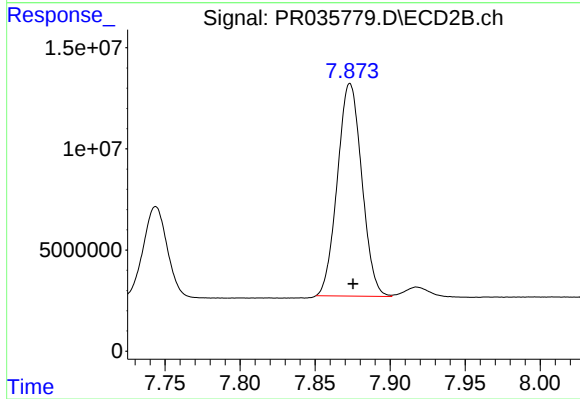
#43 AR-1268-3

R.T.: 7.583 min
Delta R.T.: -0.003 min
Response: 5932620
Conc: 3.97 ng/ml



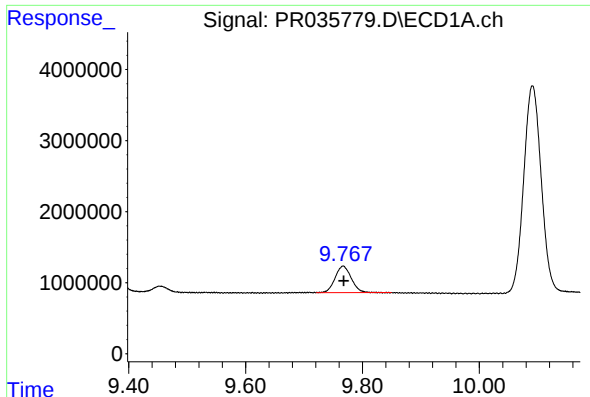
#44 AR-1268-4

R.T.: 9.367 min
Delta R.T.: 0.000 min
Response: 27522927
Conc: 242.83 ng/ml



#44 AR-1268-4

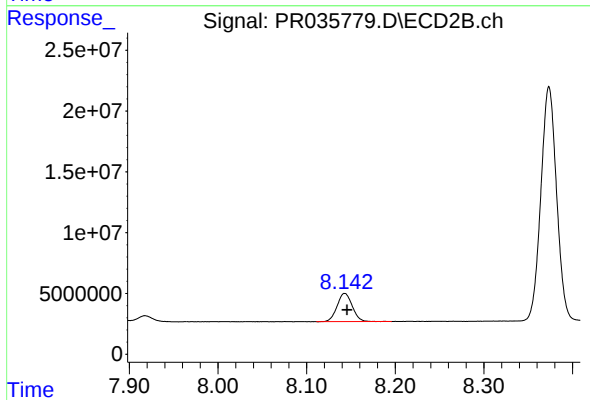
R.T.: 7.873 min
Delta R.T.: -0.002 min
Response: 119090446
Conc: 229.89 ng/ml



#45 AR-1268-5

R.T.: 9.767 min
Delta R.T.: -0.001 min
Response: 7155619
Conc: 8.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660331



#45 AR-1268-5

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 27552216
Conc: 6.95 ng/ml