

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022119\
 Data File : PR035724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2019 01:06
 Operator : SM\SJ
 Sample : K1493-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 CB5D5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 03:13:08 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...	4.422	3.497	26705786	53204150	21.218	15.957
2)	SA Decachlor...	10.091	8.374	60508587	140.3E6	33.992	23.721 #
Target Compounds							
3)	L1 AR-1016-1	5.584	4.554	35799018	31924298	477.221	135.288 #
4)	L1 AR-1016-2	5.608	4.571	67701325	89940600	552.174	236.481 #
5)	L1 AR-1016-3	5.670	4.744	14296650	111.8E6	196.042	582.783 #
6)	L1 AR-1016-4	5.764	4.784	13979677	205.3E6	232.017	1399.899 #
7)	L1 AR-1016-5	6.061	4.992	296.8E6	144.4E6	4774.093	699.823 #
8)	L2 AR-1221-1	4.633	3.690	25761274	118.8E6	1605.658	2581.327 #
9)	L2 AR-1221-2	4.709	3.789	6952951	28834252	612.176	846.086 #
10)	L2 AR-1221-3	4.814	3.841	13491088	3120546	345.567	26.054 #
11)	L3 AR-1232-1	4.814	3.841	13491088	3120546	510.776	38.986 #
12)	L3 AR-1232-2	5.322	4.571	57451482	89940600	3818.630	889.770 #
13)	L3 AR-1232-3	5.608	4.744	67701325	111.8E6	2072.470	2184.372
14)	L3 AR-1232-4	5.764	4.826	13979677	308.2E6	874.796	6773.706 #
15)	L3 AR-1232-5	5.855	4.992	61999290	144.4E6	4711.625	2810.596 #
16)	L4 AR-1242-1	5.584	4.554	35799018	31924298	884.344	241.715 #
17)	L4 AR-1242-2	5.608	4.571	67701325	89940600	1020.788	433.430 #
18)	L4 AR-1242-3	5.670	4.744	14296650	111.8E6	350.328	1041.353 #
19)	L4 AR-1242-4	5.764	4.826	13979677	308.2E6	419.680	2944.039 #
20)	L4 AR-1242-5	6.499	5.336	55624478	1098.8E6	1320.706	6984.972 #
21)	L5 AR-1248-1	5.584	4.554	35799018	31924298	1267.357	345.309 #
22)	L5 AR-1248-2	5.855	4.784	61999290	205.3E6	1394.329	1569.282
23)	L5 AR-1248-3	6.061	4.826	296.8E6	308.2E6	5778.846	2278.837 #
24)	L5 AR-1248-4	6.432	4.992	457.3E6	144.4E6	7402.958	843.613 #
25)	L5 AR-1248-5	6.499	5.375	55624478	103.7E6	924.110	546.274 #
26)	L6 AR-1254-1	6.432	5.336	457.3E6	1098.8E6	7348.571	3708.097 #
27)	L6 AR-1254-2	6.648	5.480	582.0E6	1225.0E6	5760.305	4605.974
28)	L6 AR-1254-3	7.016	5.890	412.4E6	3055.0E6	3662.638	6733.486 #
29)	L6 AR-1254-4	7.296	6.100	202.3E6	462.5E6	2393.865	1452.473 #
30)	L6 AR-1254-5	7.713	6.510	1697.6E6	5052.6E6	17681.698	11598.841 #
31)	L7 AR-1260-1	7.175	6.002	1215.4E6	4181.9E6	8583.799	8373.396
32)	L7 AR-1260-2	7.429	6.188	1856.4E6	4745.6E6	10531.142	6628.285 #
33)	L7 AR-1260-3	7.713	6.338	1697.6E6	4025.7E6	7385.688	6640.066
34)	L7 AR-1260-4	8.012	6.802	1207.5E6	3386.5E6	7835.336	6598.617
35)	L7 AR-1260-5	8.329	7.043	2273.6E6	8796.5E6	7013.539	5991.112
36)	L8 AR-1262-1	7.787	6.546	1004.1E6	4172.0E6	8176.197	7054.674
37)	L8 AR-1262-2	8.329	7.043	2273.6E6	8796.5E6	10484.514	8385.547
38)	L8 AR-1262-3	8.651	7.320	1417.7E6	1928.0E6	9932.524	4573.057 #
39)	L8 AR-1262-4	8.705	7.384	791.1E6	6011.9E6	7346.472	8382.400
40)	L8 AR-1262-5	9.365	7.874	485.0E6	1930.5E6	7193.172	6378.127
41)	L9 AR-1268-1	8.651	7.320	1417.7E6	1928.0E6	3702.426	992.350 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022119\
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 Acq On : 22 Feb 2019 01:06
 Operator : SM\SJ
 Sample : K1493-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

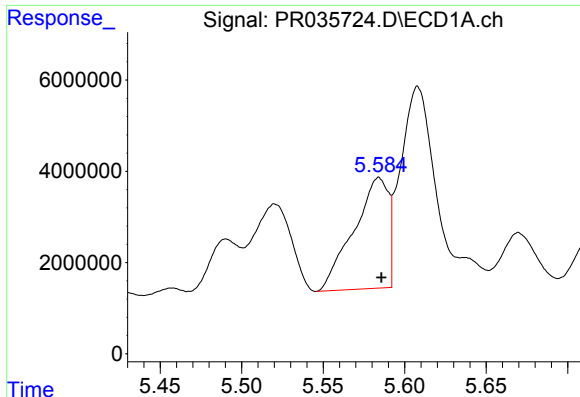
Instrument :
 ECD_R
 ClientSampleId :
 CB5D5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 03:13:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022119CLP.M
 Quant Title : GC EXTRACTABLES
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 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
42) L9	AR-1268-2	8.705	7.384	791.1E6	6011.9E6	2317.283	3560.563 #
43) L9	AR-1268-3	8.942	7.587	56055774	190.9E6	190.531	127.789 #
44) L9	AR-1268-4	9.365	7.874	485.0E6	1930.5E6	4279.340	3726.608
45) L9	AR-1268-5	9.765	8.144	141.9E6	467.6E6	161.619	117.936 #

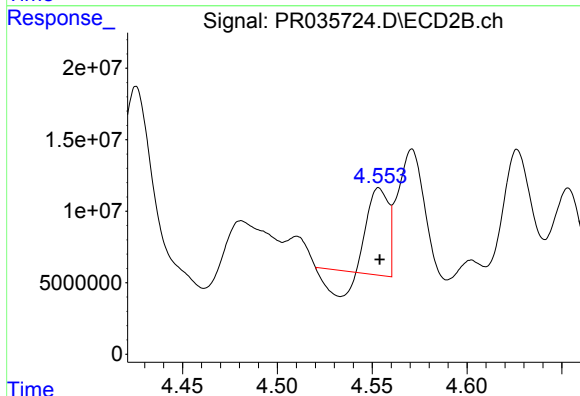
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

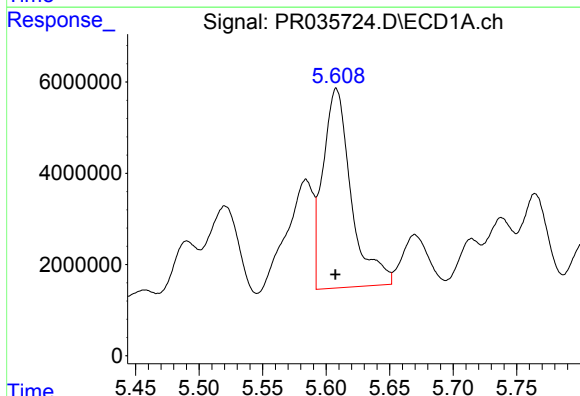
R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 35799018
Conc: 477.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



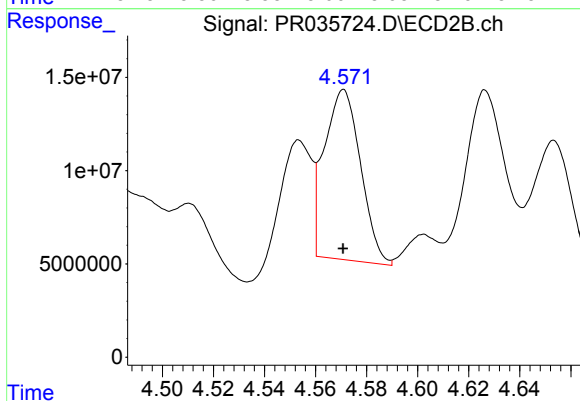
#3 AR-1016-1

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 31924298
Conc: 135.29 ng/ml



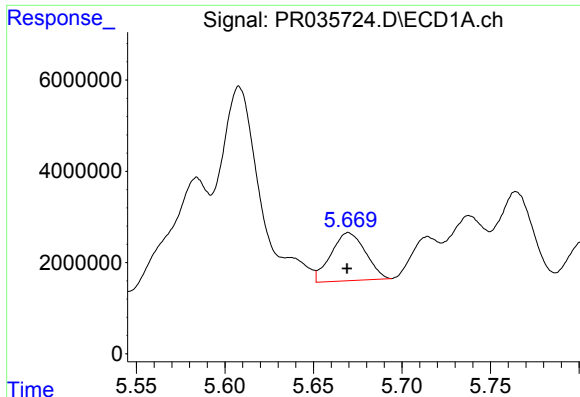
#4 AR-1016-2

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 67701325
Conc: 552.17 ng/ml



#4 AR-1016-2

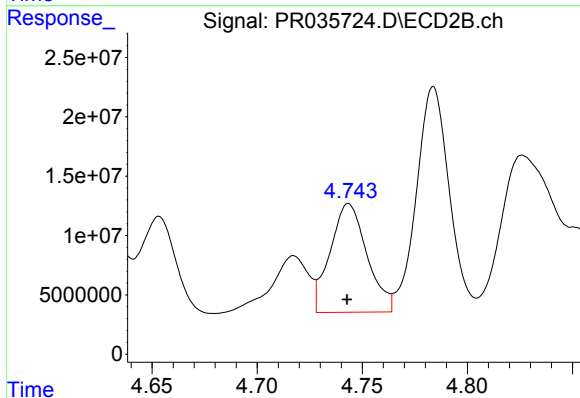
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 89940600
Conc: 236.48 ng/ml



#5 AR-1016-3

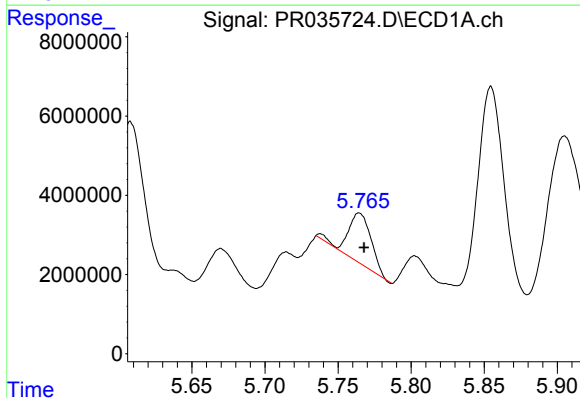
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 14296650
Conc: 196.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



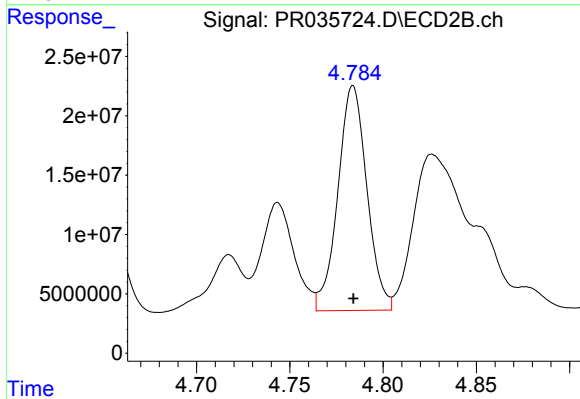
#5 AR-1016-3

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 111759053
Conc: 582.78 ng/ml



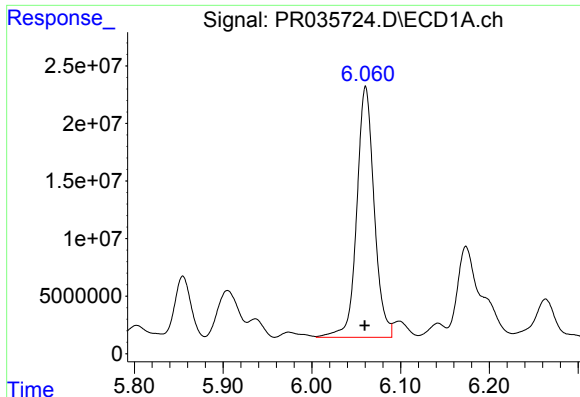
#6 AR-1016-4

R.T.: 5.764 min
Delta R.T.: -0.003 min
Response: 13979677
Conc: 232.02 ng/ml



#6 AR-1016-4

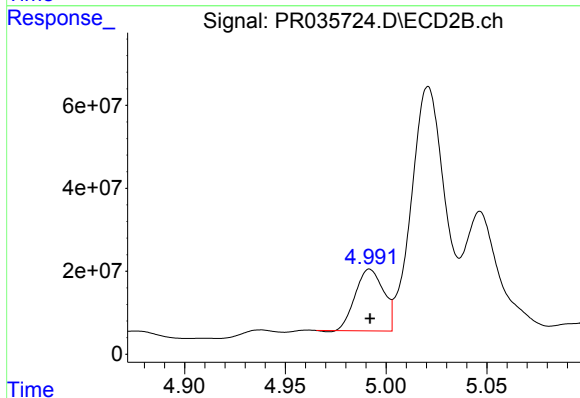
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 205268154
Conc: 1399.90 ng/ml



#7 AR-1016-5

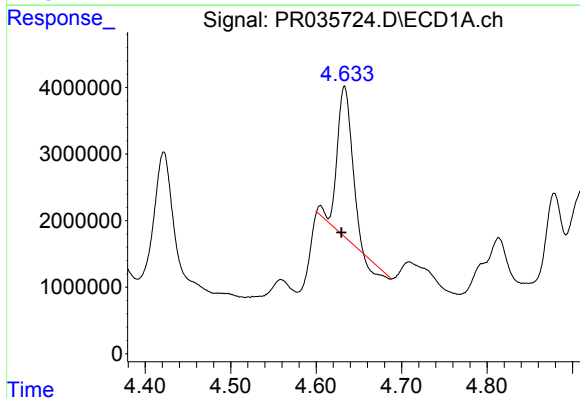
R.T.: 6.061 min
Delta R.T.: 0.001 min
Response: 296758293
Conc: 4774.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



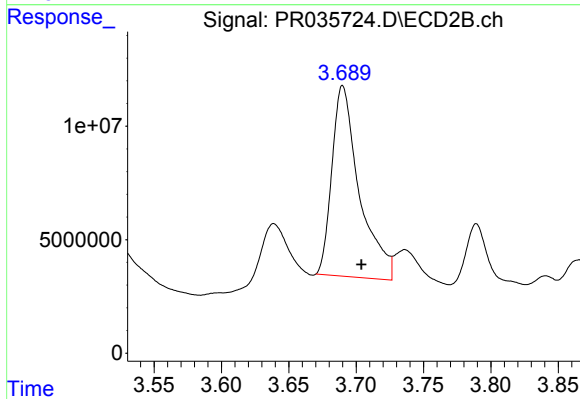
#7 AR-1016-5

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 144386837
Conc: 699.82 ng/ml



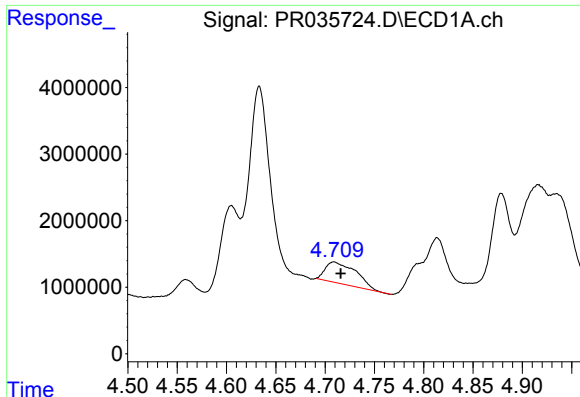
#8 AR-1221-1

R.T.: 4.633 min
Delta R.T.: 0.004 min
Response: 25761274
Conc: 1605.66 ng/ml



#8 AR-1221-1

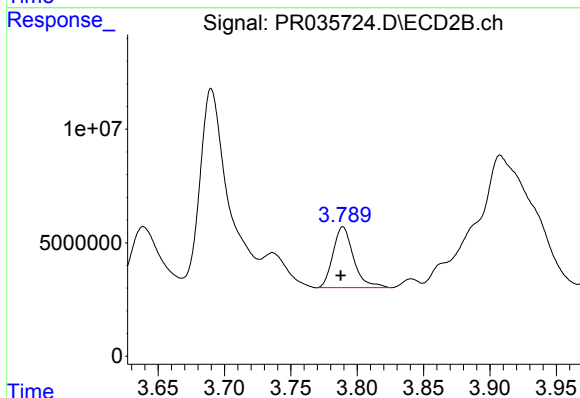
R.T.: 3.690 min
Delta R.T.: -0.014 min
Response: 118842868
Conc: 2581.33 ng/ml



#9 AR-1221-2

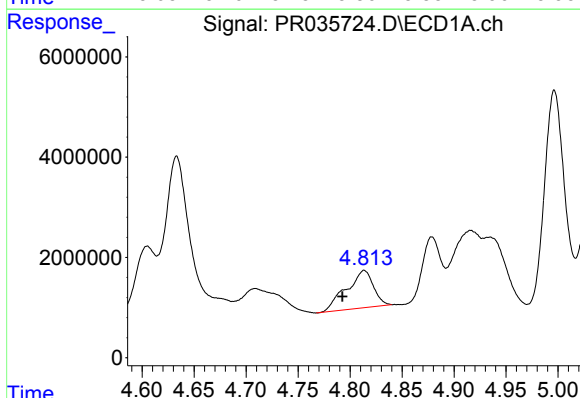
R.T.: 4.709 min
Delta R.T.: -0.007 min
Response: 6952951
Conc: 612.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



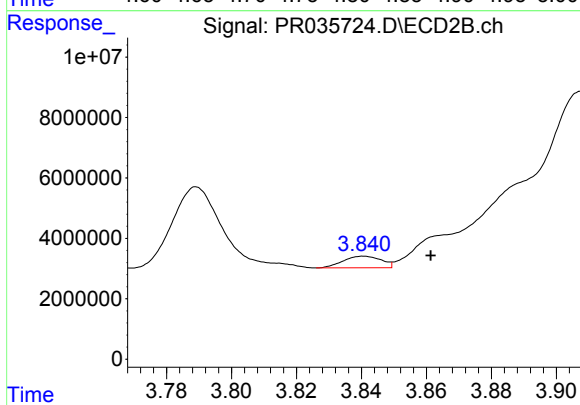
#9 AR-1221-2

R.T.: 3.789 min
Delta R.T.: 0.002 min
Response: 28834252
Conc: 846.09 ng/ml



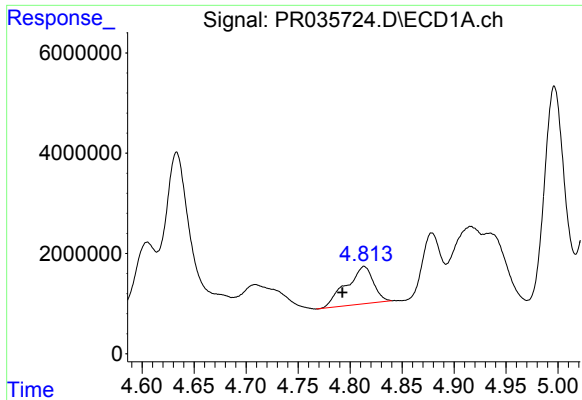
#10 AR-1221-3

R.T.: 4.814 min
Delta R.T.: 0.021 min
Response: 13491088
Conc: 345.57 ng/ml



#10 AR-1221-3

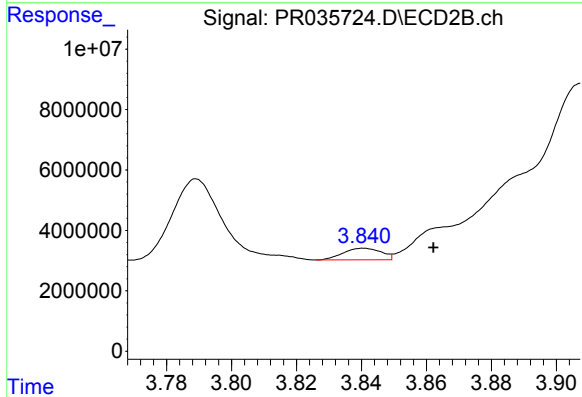
R.T.: 3.841 min
Delta R.T.: -0.021 min
Response: 3120546
Conc: 26.05 ng/ml



#11 AR-1232-1

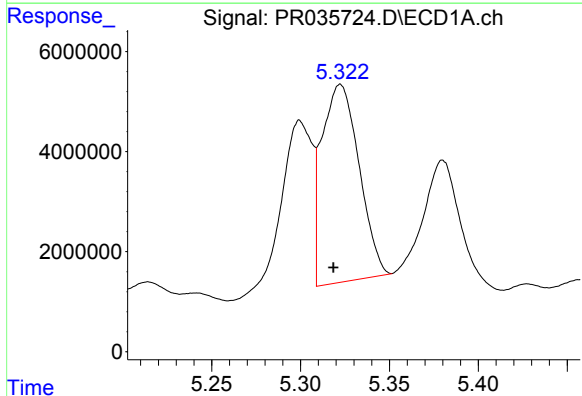
R.T.: 4.814 min
Delta R.T.: 0.021 min
Response: 13491088
Conc: 510.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



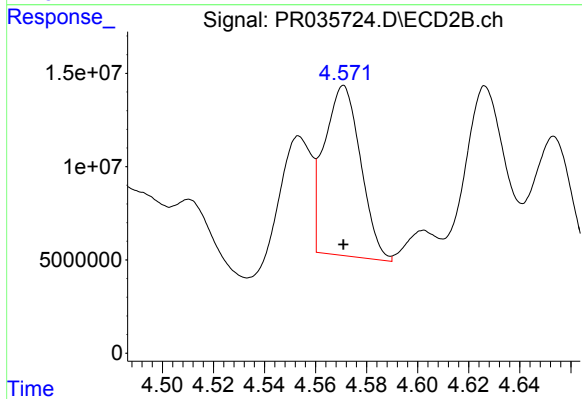
#11 AR-1232-1

R.T.: 3.841 min
Delta R.T.: -0.021 min
Response: 3120546
Conc: 38.99 ng/ml



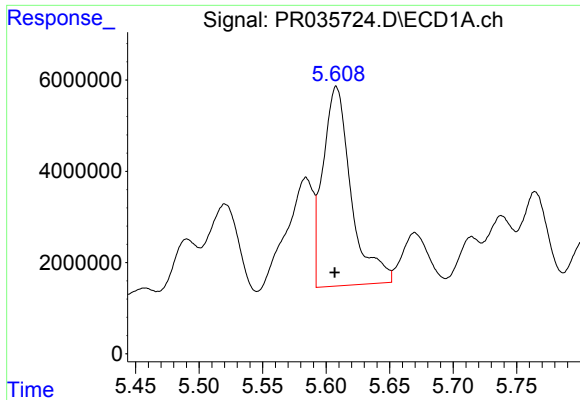
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.004 min
Response: 57451482
Conc: 3818.63 ng/ml



#12 AR-1232-2

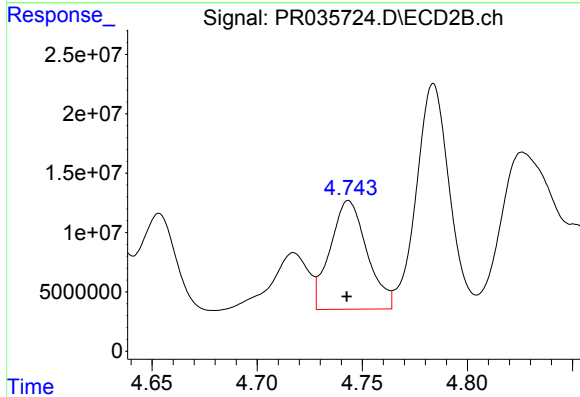
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 89940600
Conc: 889.77 ng/ml



#13 AR-1232-3

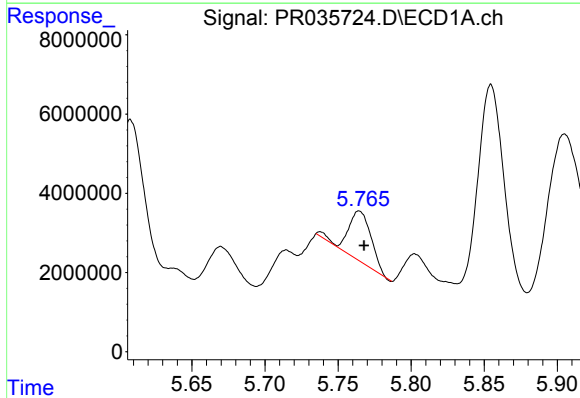
R.T.: 5.608 min
Delta R.T.: 0.001 min
Response: 67701325
Conc: 2072.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



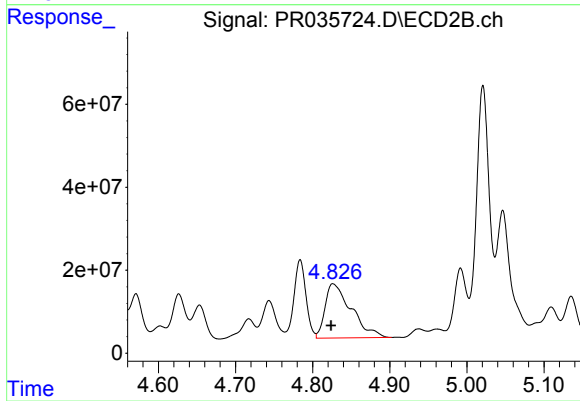
#13 AR-1232-3

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 111759053
Conc: 2184.37 ng/ml



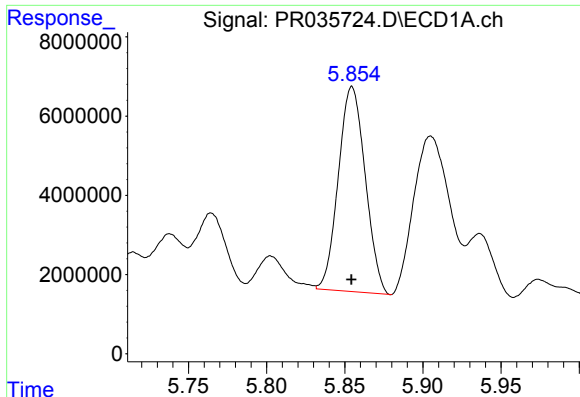
#14 AR-1232-4

R.T.: 5.764 min
Delta R.T.: -0.003 min
Response: 13979677
Conc: 874.80 ng/ml



#14 AR-1232-4

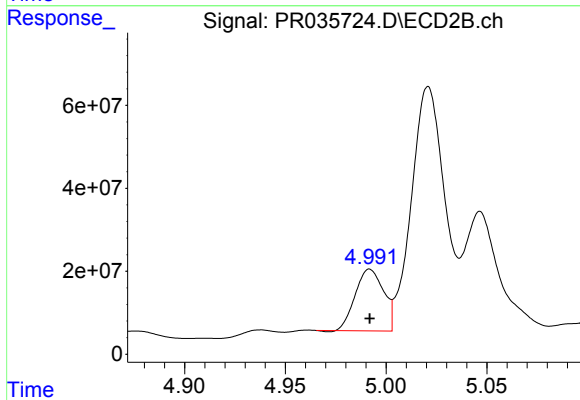
R.T.: 4.826 min
Delta R.T.: 0.002 min
Response: 308227821
Conc: 6773.71 ng/ml



#15 AR-1232-5

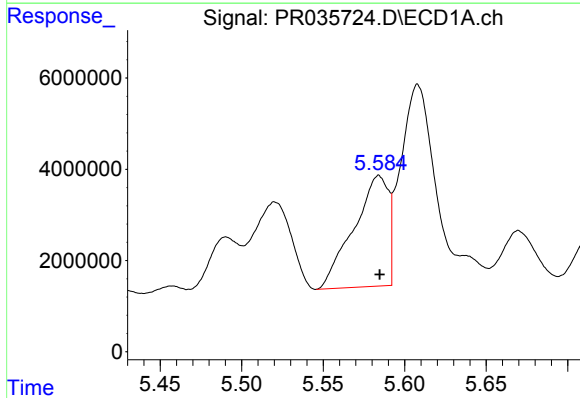
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 61999290
Conc: 4711.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



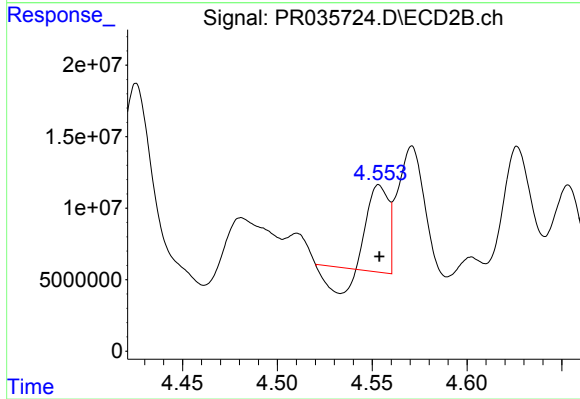
#15 AR-1232-5

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 144386837
Conc: 2810.60 ng/ml



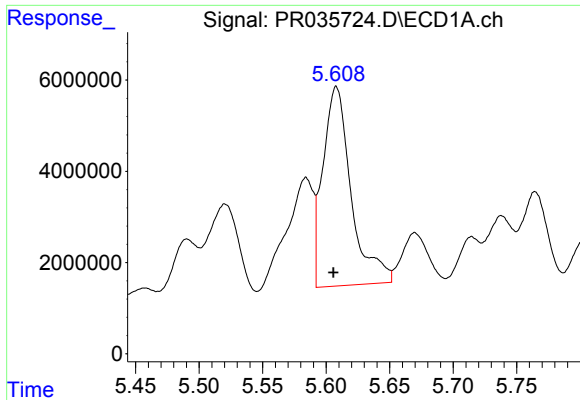
#16 AR-1242-1

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 35799018
Conc: 884.34 ng/ml



#16 AR-1242-1

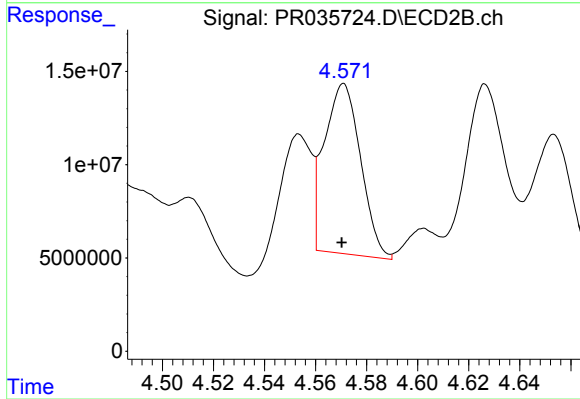
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 31924298
Conc: 241.72 ng/ml



#17 AR-1242-2

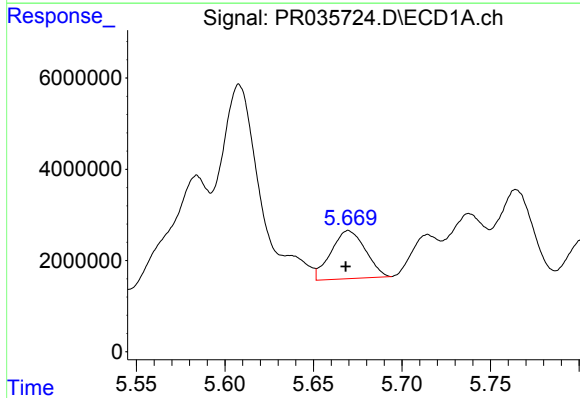
R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 67701325
Conc: 1020.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



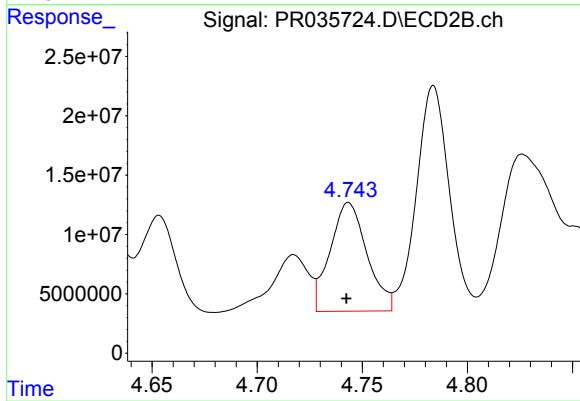
#17 AR-1242-2

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 89940600
Conc: 433.43 ng/ml



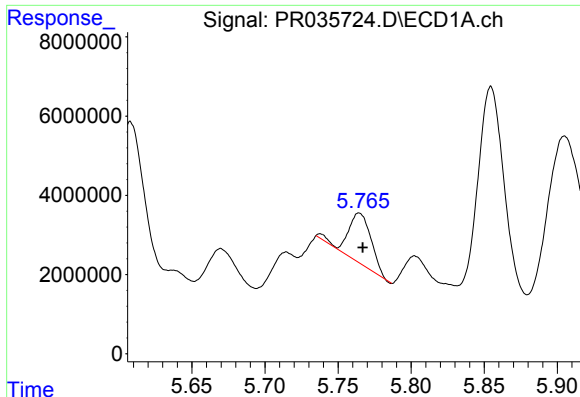
#18 AR-1242-3

R.T.: 5.670 min
Delta R.T.: 0.002 min
Response: 14296650
Conc: 350.33 ng/ml



#18 AR-1242-3

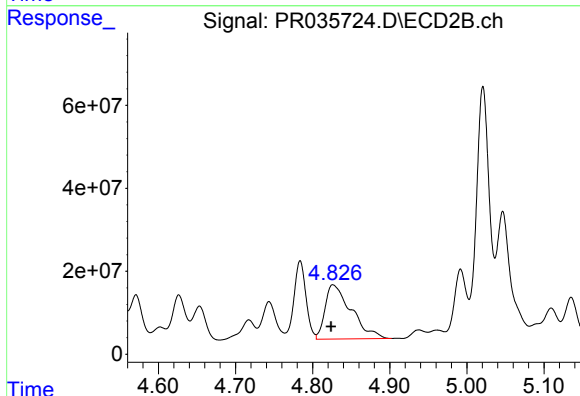
R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 111759053
Conc: 1041.35 ng/ml



#19 AR-1242-4

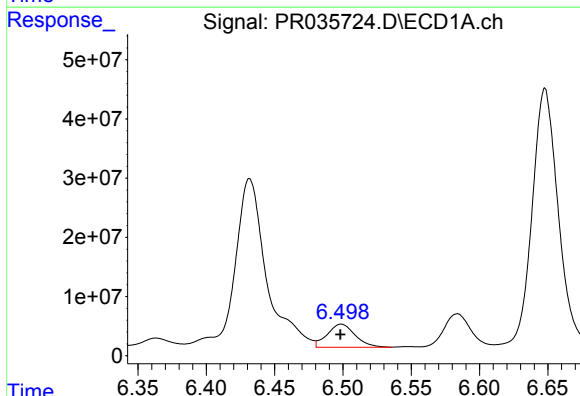
R.T.: 5.764 min
Delta R.T.: -0.002 min
Response: 13979677
Conc: 419.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



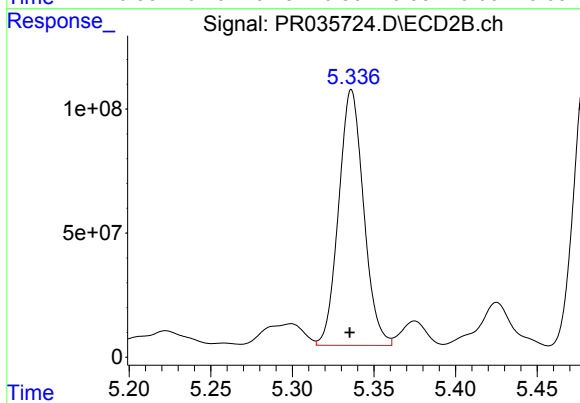
#19 AR-1242-4

R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 308227821
Conc: 2944.04 ng/ml



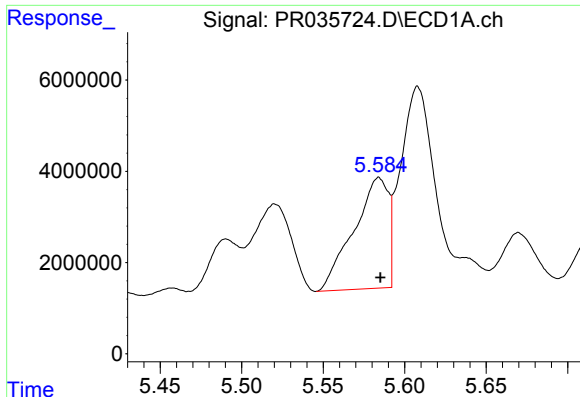
#20 AR-1242-5

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 55624478
Conc: 1320.71 ng/ml



#20 AR-1242-5

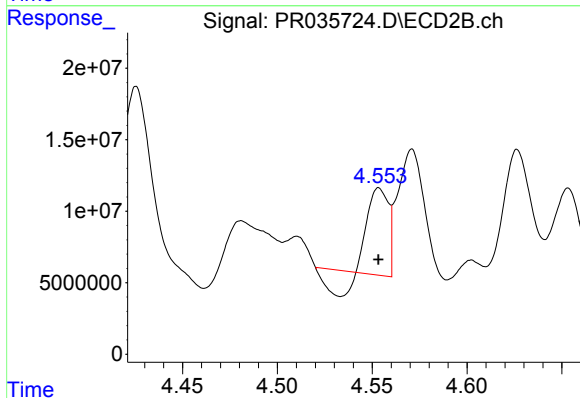
R.T.: 5.336 min
Delta R.T.: 0.001 min
Response: 1098755465
Conc: 6984.97 ng/ml



#21 AR-1248-1

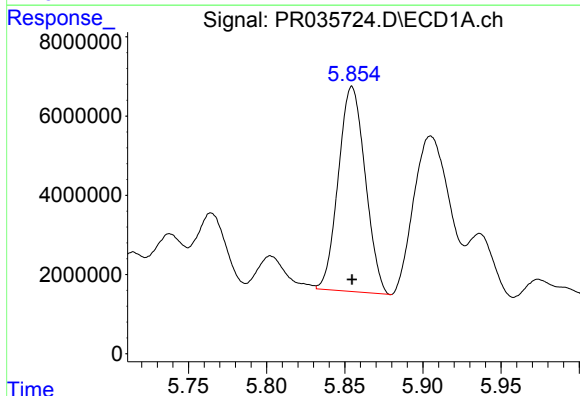
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 35799018
Conc: 1267.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



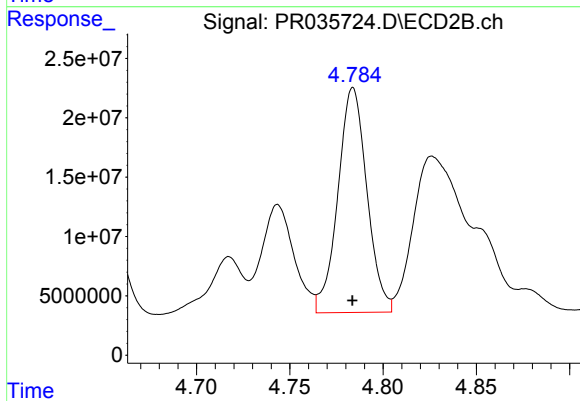
#21 AR-1248-1

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 31924298
Conc: 345.31 ng/ml



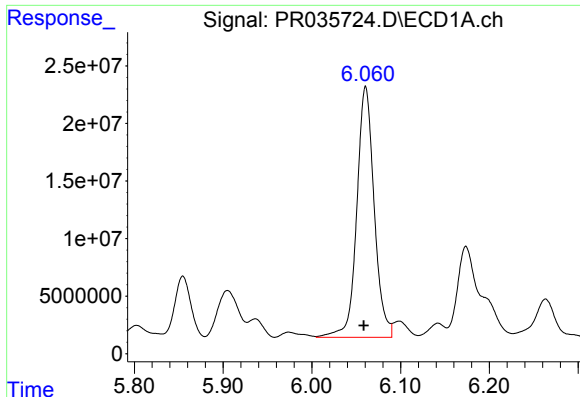
#22 AR-1248-2

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 61999290
Conc: 1394.33 ng/ml



#22 AR-1248-2

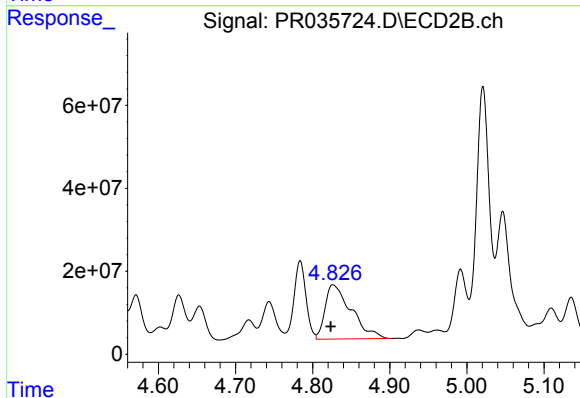
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 205268154
Conc: 1569.28 ng/ml



#23 AR-1248-3

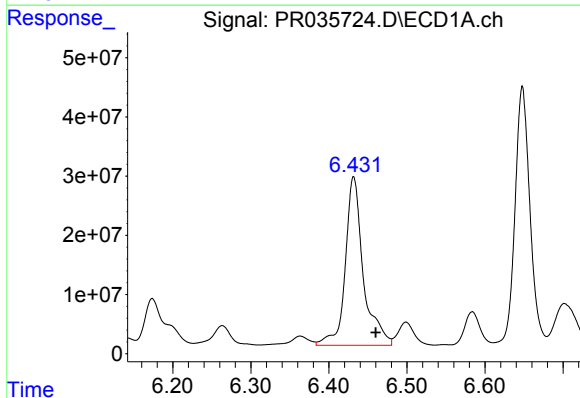
R.T.: 6.061 min
Delta R.T.: 0.002 min
Response: 296758293
Conc: 5778.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



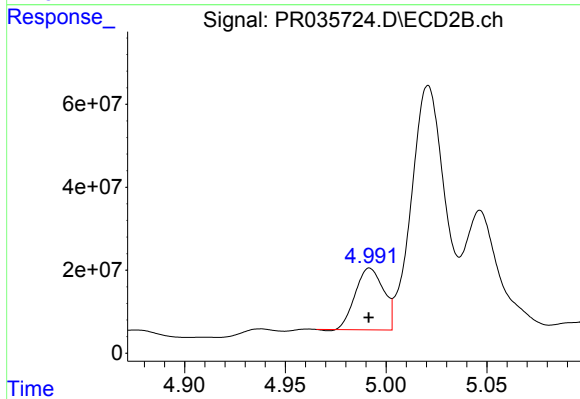
#23 AR-1248-3

R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 308227821
Conc: 2278.84 ng/ml



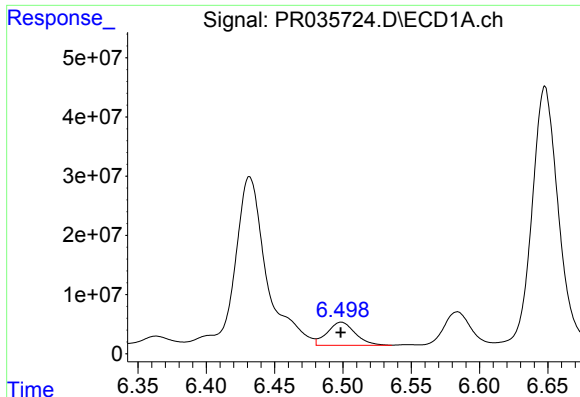
#24 AR-1248-4

R.T.: 6.432 min
Delta R.T.: -0.028 min
Response: 457255382
Conc: 7402.96 ng/ml



#24 AR-1248-4

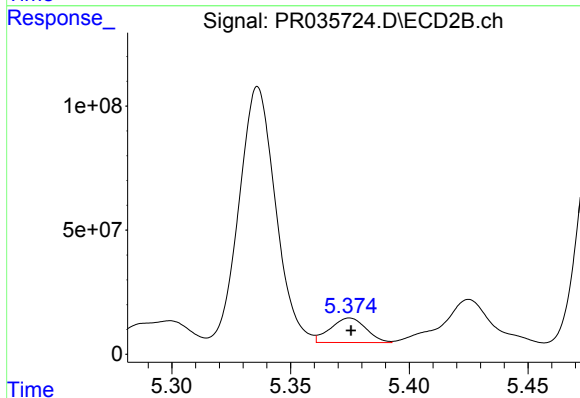
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 144386837
Conc: 843.61 ng/ml



#25 AR-1248-5

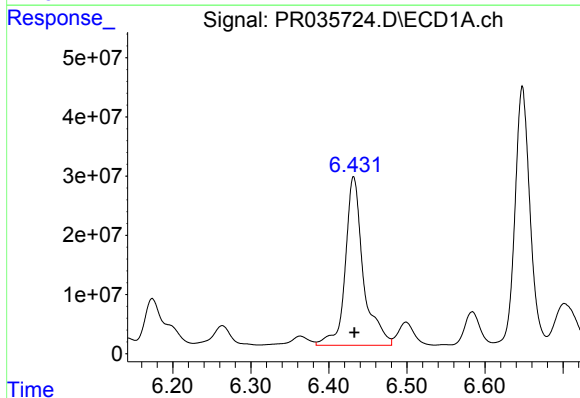
R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 55624478
Conc: 924.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



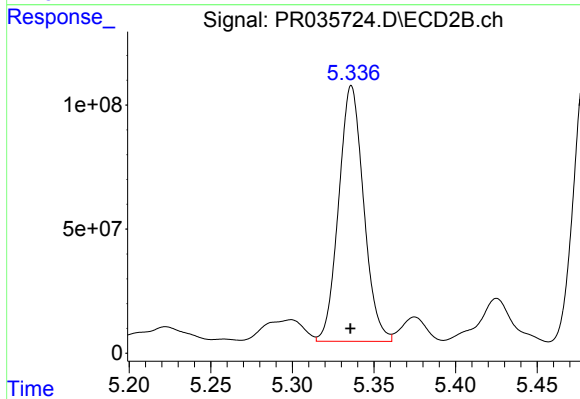
#25 AR-1248-5

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 103725001
Conc: 546.27 ng/ml



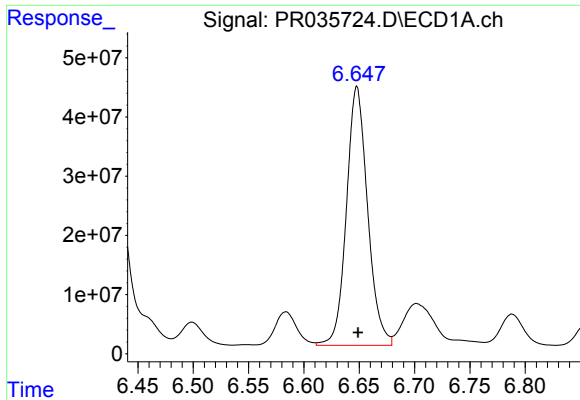
#26 AR-1254-1

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 457255382
Conc: 7348.57 ng/ml



#26 AR-1254-1

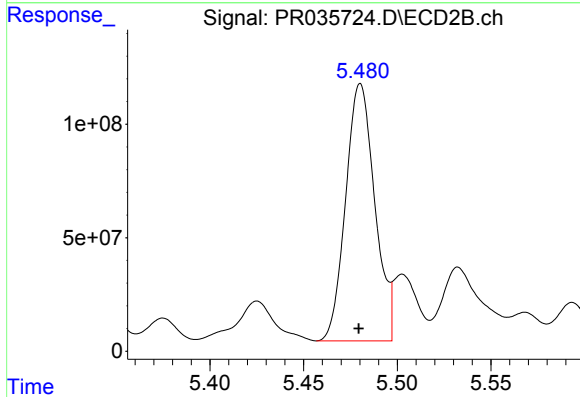
R.T.: 5.336 min
Delta R.T.: 0.000 min
Response: 1098755465
Conc: 3708.10 ng/ml



#27 AR-1254-2

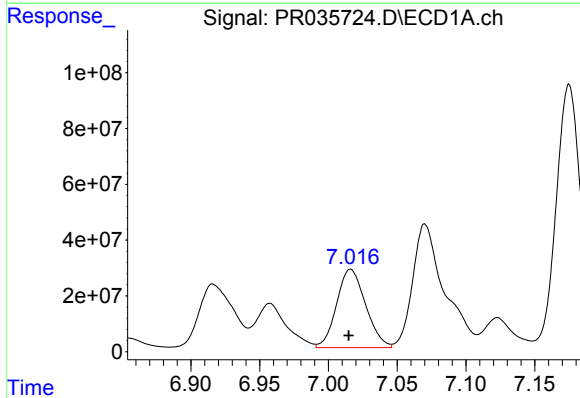
R.T.: 6.648 min
Delta R.T.: -0.001 min
Response: 582029040
Conc: 5760.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



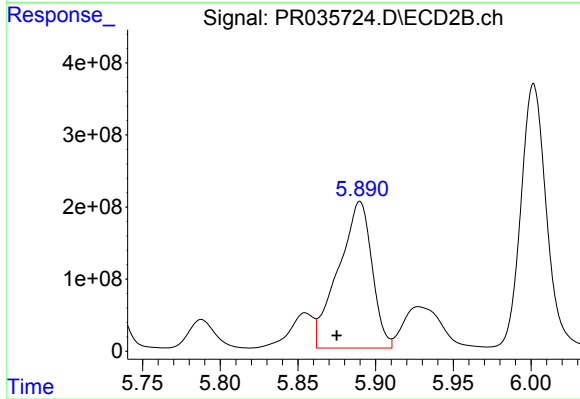
#27 AR-1254-2

R.T.: 5.480 min
Delta R.T.: 0.000 min
Response: 1225047384
Conc: 4605.97 ng/ml



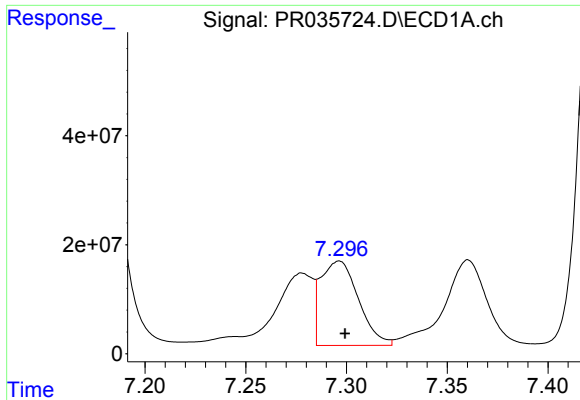
#28 AR-1254-3

R.T.: 7.016 min
Delta R.T.: 0.001 min
Response: 412425443
Conc: 3662.64 ng/ml



#28 AR-1254-3

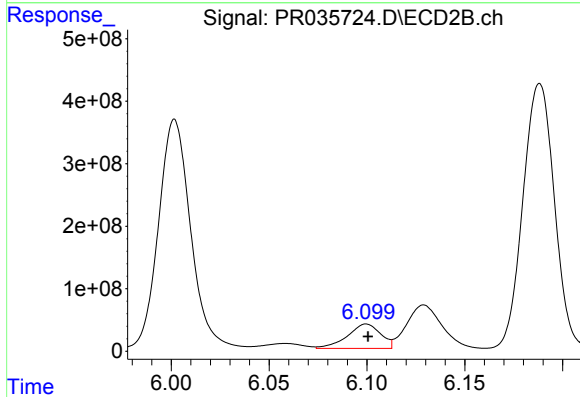
R.T.: 5.890 min
Delta R.T.: 0.015 min
Response: 3055021147
Conc: 6733.49 ng/ml



#29 AR-1254-4

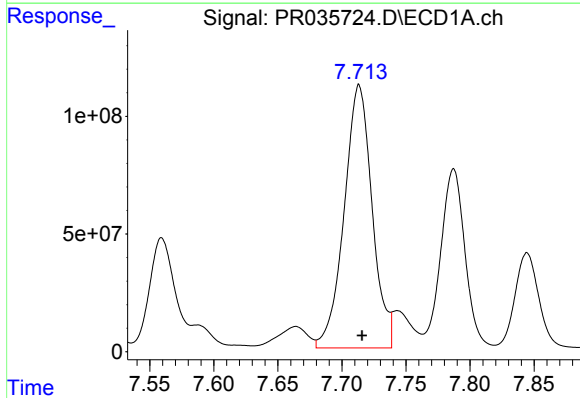
R.T.: 7.296 min
Delta R.T.: -0.003 min
Response: 202299599
Conc: 2393.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



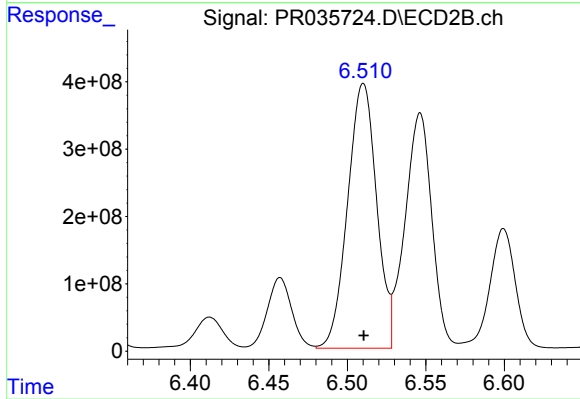
#29 AR-1254-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 462526927
Conc: 1452.47 ng/ml



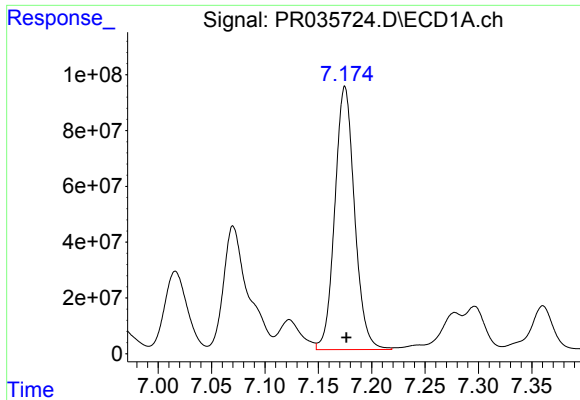
#30 AR-1254-5

R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 1697555927
Conc: 17681.70 ng/ml



#30 AR-1254-5

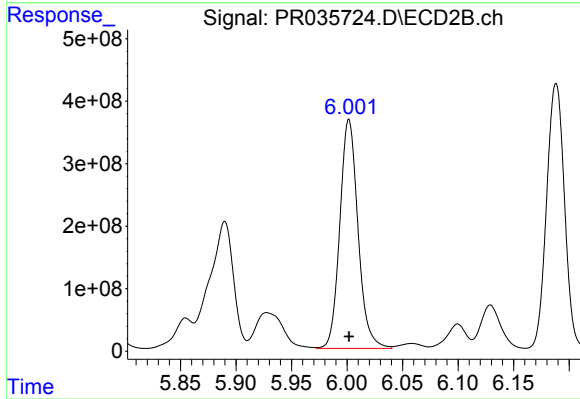
R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 5052643607
Conc: 11598.84 ng/ml



#31 AR-1260-1

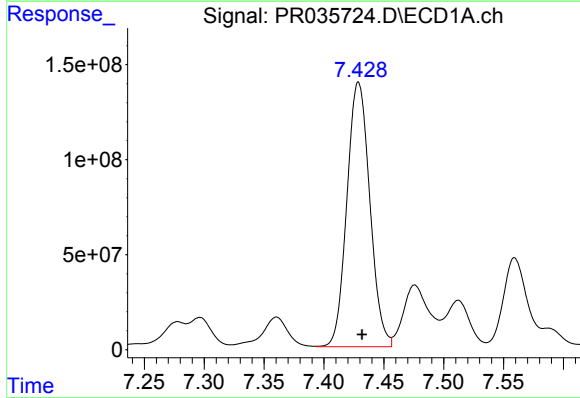
R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 1215374364
Conc: 8583.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



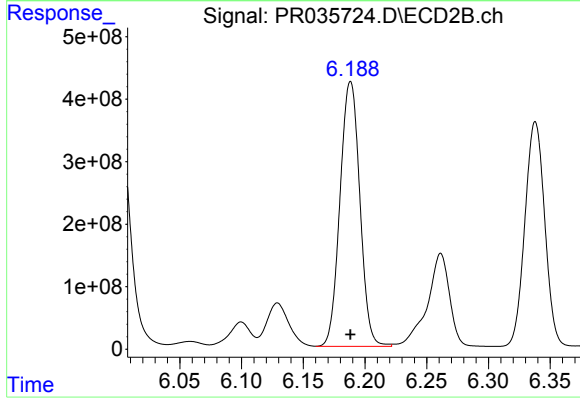
#31 AR-1260-1

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 4181858061
Conc: 8373.40 ng/ml



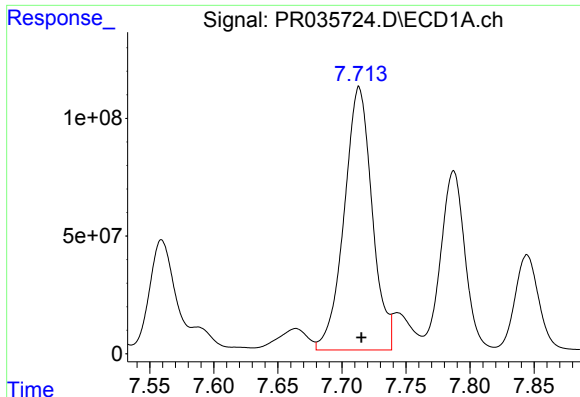
#32 AR-1260-2

R.T.: 7.429 min
Delta R.T.: -0.003 min
Response: 1856389218
Conc: 10531.14 ng/ml



#32 AR-1260-2

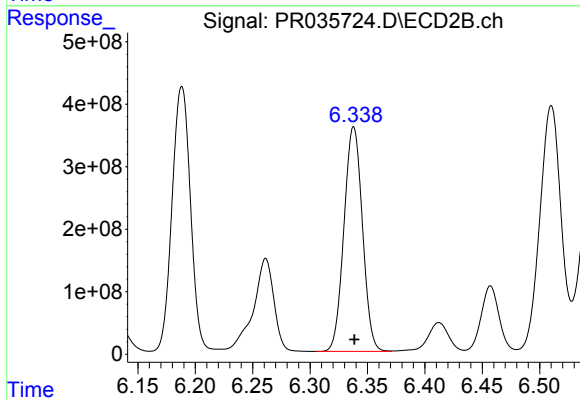
R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 4745564544
Conc: 6628.29 ng/ml



#33 AR-1260-3

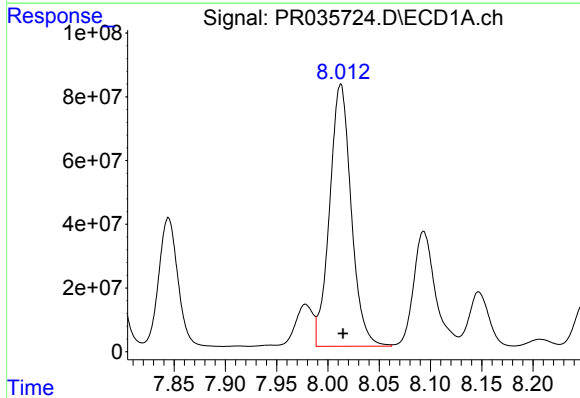
R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 1697555927
Conc: 7385.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



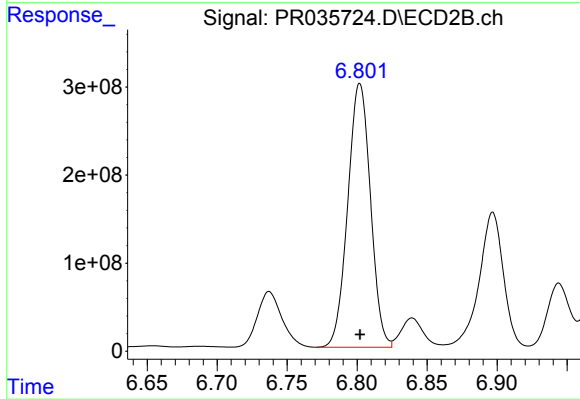
#33 AR-1260-3

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 4025669685
Conc: 6640.07 ng/ml



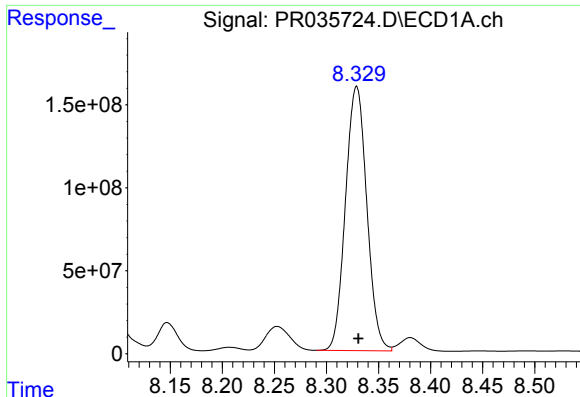
#34 AR-1260-4

R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 1207454165
Conc: 7835.34 ng/ml



#34 AR-1260-4

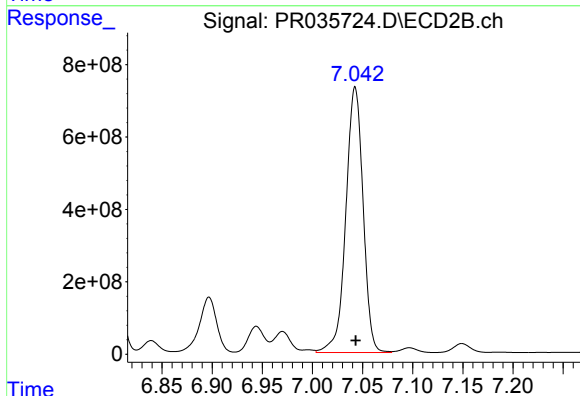
R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 3386497442
Conc: 6598.62 ng/ml



#35 AR-1260-5

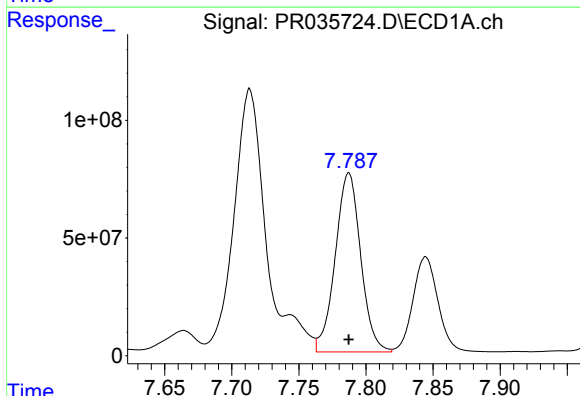
R.T.: 8.329 min
Delta R.T.: -0.002 min
Response: 2273591702
Conc: 7013.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



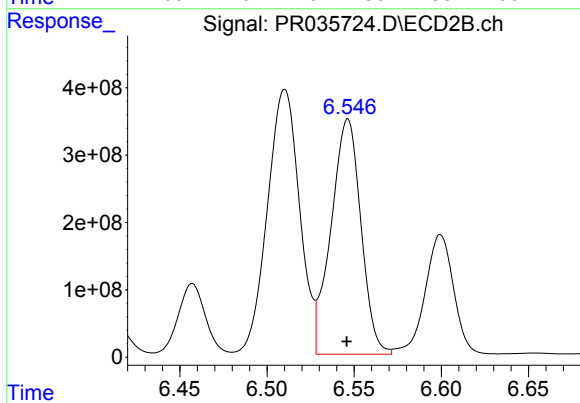
#35 AR-1260-5

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 8796454573
Conc: 5991.11 ng/ml



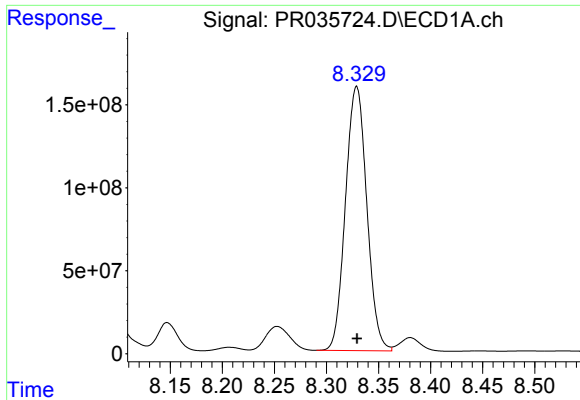
#36 AR-1262-1

R.T.: 7.787 min
Delta R.T.: 0.000 min
Response: 1004092413
Conc: 8176.20 ng/ml



#36 AR-1262-1

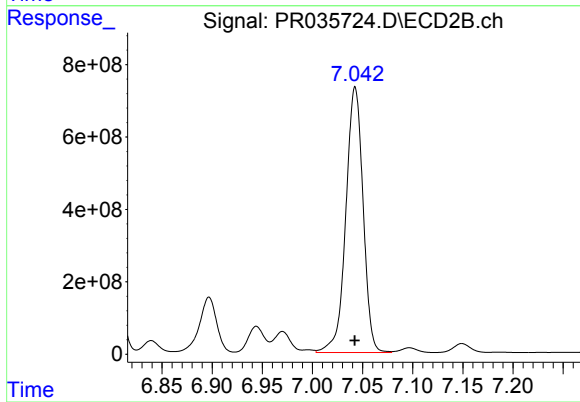
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 4171987414
Conc: 7054.67 ng/ml



#37 AR-1262-2

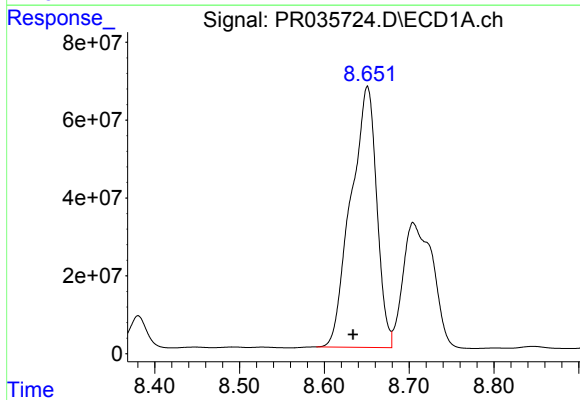
R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 2273591702
Conc: 10484.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



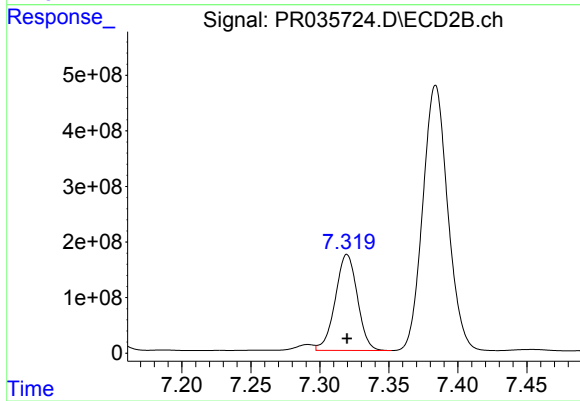
#37 AR-1262-2

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 8796454573
Conc: 8385.55 ng/ml



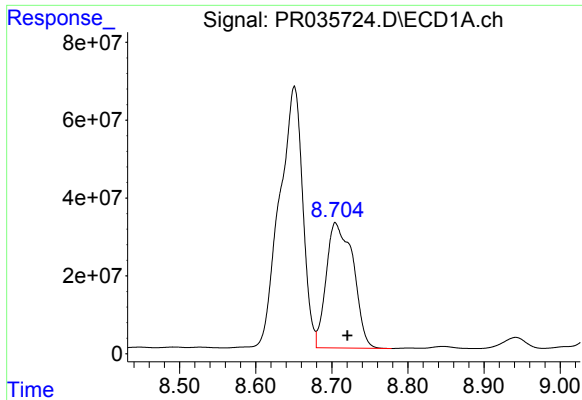
#38 AR-1262-3

R.T.: 8.651 min
Delta R.T.: 0.017 min
Response: 1417724023
Conc: 9932.52 ng/ml



#38 AR-1262-3

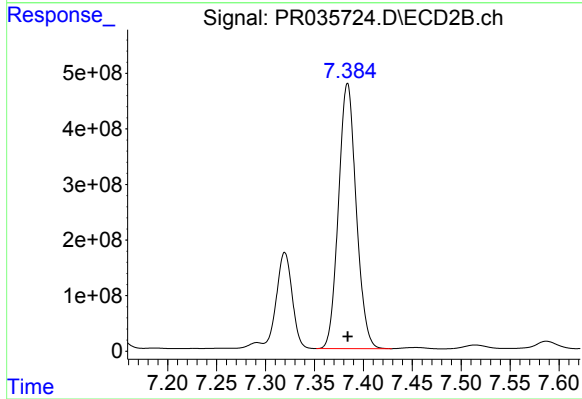
R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 1928044254
Conc: 4573.06 ng/ml



#39 AR-1262-4

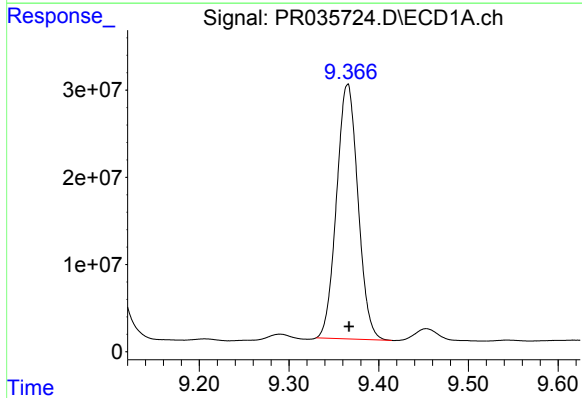
R.T.: 8.705 min
Delta R.T.: -0.016 min
Response: 791102509
Conc: 7346.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



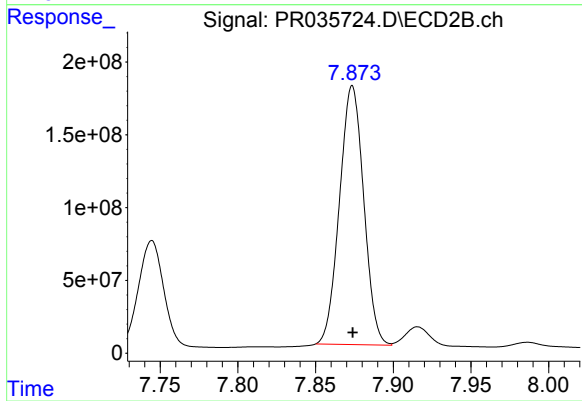
#39 AR-1262-4

R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 6011894268
Conc: 8382.40 ng/ml



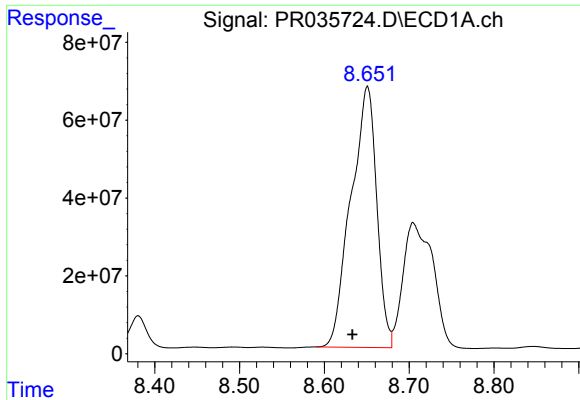
#40 AR-1262-5

R.T.: 9.365 min
Delta R.T.: -0.001 min
Response: 485039495
Conc: 7193.17 ng/ml



#40 AR-1262-5

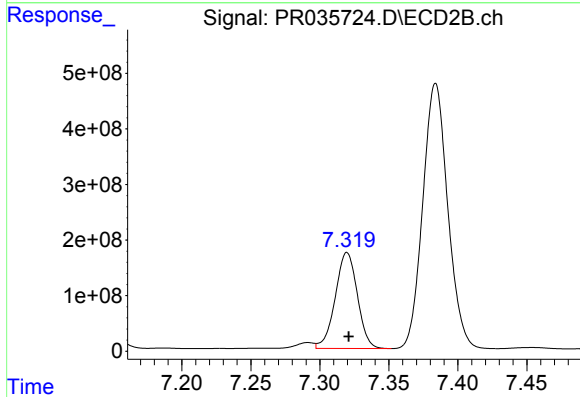
R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 1930464839
Conc: 6378.13 ng/ml



#41 AR-1268-1

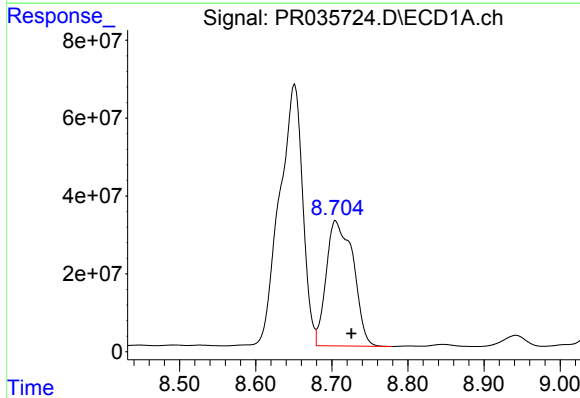
R.T.: 8.651 min
Delta R.T.: 0.018 min
Response: 1417724023
Conc: 3702.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



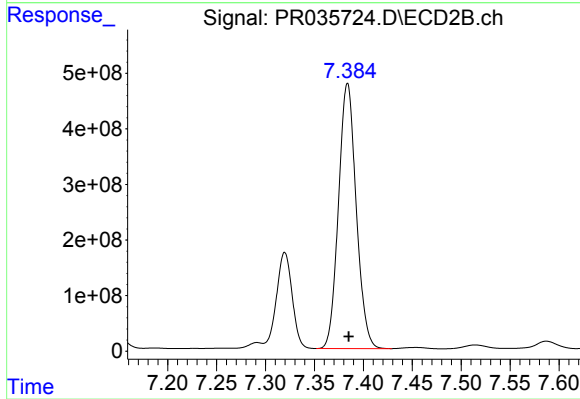
#41 AR-1268-1

R.T.: 7.320 min
Delta R.T.: -0.001 min
Response: 1928044254
Conc: 992.35 ng/ml



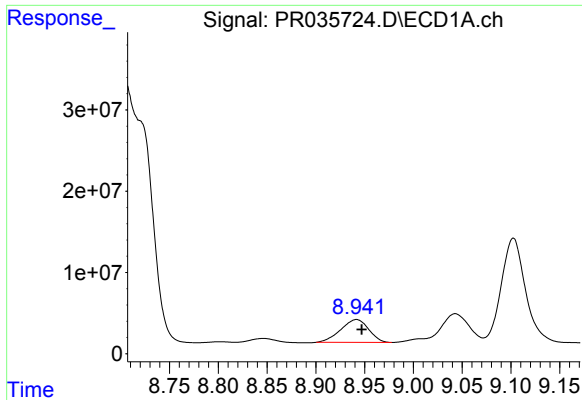
#42 AR-1268-2

R.T.: 8.705 min
Delta R.T.: -0.021 min
Response: 791102509
Conc: 2317.28 ng/ml



#42 AR-1268-2

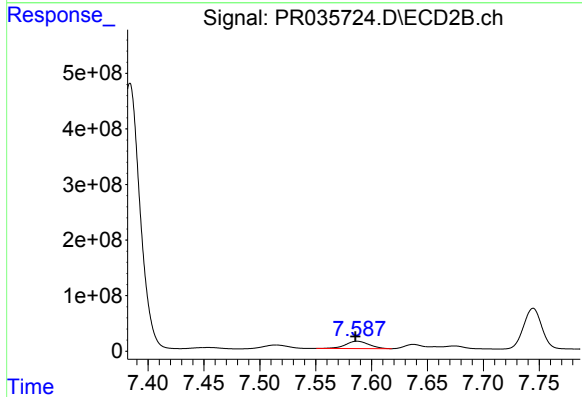
R.T.: 7.384 min
Delta R.T.: -0.001 min
Response: 6011894268
Conc: 3560.56 ng/ml



#43 AR-1268-3

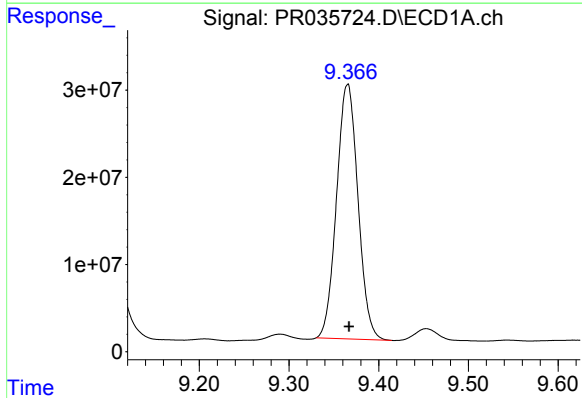
R.T.: 8.942 min
Delta R.T.: -0.005 min
Response: 56055774
Conc: 190.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



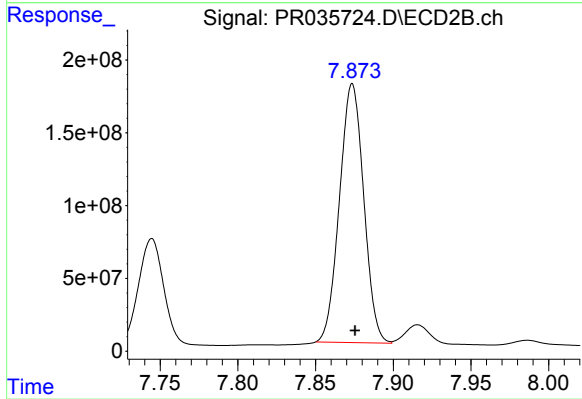
#43 AR-1268-3

R.T.: 7.587 min
Delta R.T.: 0.002 min
Response: 190878420
Conc: 127.79 ng/ml



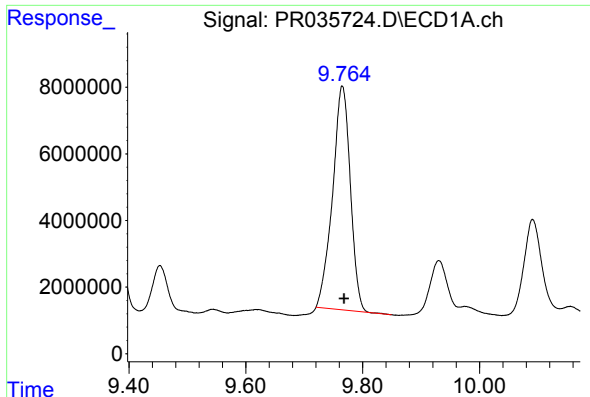
#44 AR-1268-4

R.T.: 9.365 min
Delta R.T.: -0.001 min
Response: 485039495
Conc: 4279.34 ng/ml



#44 AR-1268-4

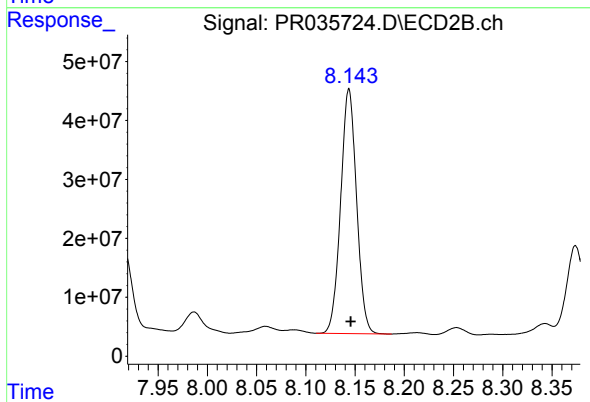
R.T.: 7.874 min
Delta R.T.: -0.002 min
Response: 1930464839
Conc: 3726.61 ng/ml



#45 AR-1268-5

R.T.: 9.765 min
Delta R.T.: -0.003 min
Response: 141852572
Conc: 161.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5D5



#45 AR-1268-5

R.T.: 8.144 min
Delta R.T.: -0.002 min
Response: 467623631
Conc: 117.94 ng/ml