

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022519\
 Data File : PR035780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2019 11:30
 Operator : SM\SJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1254331

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 23:45:36 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...	4.420	3.496	26558468	86245649	21.101	25.866
2)	SA Decachlor...	10.089	8.372	57124299	224.7E6	32.091	38.003
Target Compounds							
3)	L1 AR-1016-1	5.583	4.551	591783	1932275	7.889	8.189
4)	L1 AR-1016-2	5.609	4.569	881229	1715964	7.187	4.512 #
5)	L1 AR-1016-3	5.667	4.742	383764	1235549	5.262	6.443
6)	L1 AR-1016-4	5.766	4.781	405175	46294341	6.725	315.721 #
7)	L1 AR-1016-5	6.057	4.989	8693029	28164530	139.849	136.510
9)	L2 AR-1221-2	4.725	3.788	369318	1347123	32.517	39.529
10)	L2 AR-1221-3	4.725f	0.000	369318	0	9.460	N.D. #
11)	L3 AR-1232-1	4.725f	0.000	369318	0	13.982	N.D. #
12)	L3 AR-1232-2	5.318	4.569	311265	1715964	20.689	16.976
13)	L3 AR-1232-3	5.609	4.742	881229	1235549	26.976	24.149
14)	L3 AR-1232-4	5.766	4.821	405175	13641642	25.354	299.793 #
15)	L3 AR-1232-5	5.853	4.989	14120769	28164530	1073.105	548.243 #
16)	L4 AR-1242-1	5.583	4.551	591783	1932275	14.619	14.630
17)	L4 AR-1242-2	5.609	4.569	881229	1715964	13.287	8.269 #
18)	L4 AR-1242-3	5.667	4.742	383764	1235549	9.404	11.513
19)	L4 AR-1242-4	5.766	4.821	405175	13641642	12.164	130.298 #
20)	L4 AR-1242-5	6.498	5.333	8355728	130.6E6	198.392	830.253 #
21)	L5 AR-1248-1	5.583	4.551	591783	1932275	20.950	20.900
22)	L5 AR-1248-2	5.853	4.781	14120769	46294341	317.568	353.922
23)	L5 AR-1248-3	6.057	4.821	8693029	13641642	169.281	100.857 #
24)	L5 AR-1248-4	6.458	4.989	13493100	28164530	218.453	164.558
25)	L5 AR-1248-5	6.498	5.373	8355728	15313958	138.817	80.652 #
26)	L6 AR-1254-1	6.431	5.333	25840562	130.6E6	415.285	440.754
27)	L6 AR-1254-2	6.647	5.477	41482522	115.8E6	410.550	435.509
28)	L6 AR-1254-3	7.013	5.872	45807270	195.5E6	406.802	430.796
29)	L6 AR-1254-4	7.298	6.097	34091681	134.3E6	403.416	421.705
30)	L6 AR-1254-5	7.713	6.507	37819168	181.8E6	393.923	417.409
31)	L7 AR-1260-1	7.174	5.999	18642536	91430073	131.666	183.072 #
32)	L7 AR-1260-2	7.429	6.185	21306326	85769796	120.869	119.797
33)	L7 AR-1260-3	7.713	6.334	37819168	77687871	164.543	128.141
34)	L7 AR-1260-4	8.004	6.799	14602481	8147534	94.758	15.876 #
35)	L7 AR-1260-5	8.328	7.039	5443335	22421789	16.792	15.271
36)	L8 AR-1262-1	7.775	6.575	5258461	12674074	42.819	21.431 #
37)	L8 AR-1262-2	8.328	7.039	5443335	22421789	25.102	21.374
38)	L8 AR-1262-3	8.616	7.318	50388	781646	0.353	1.854 #
39)	L8 AR-1262-4	8.701	7.380	980266	18628927	9.103	25.974 #
40)	L8 AR-1262-5	9.367	7.872	161752	797458	2.399	2.635
41)	L9 AR-1268-1	8.616	7.318	50388	781646	0.132	0.402 #
42)	L9 AR-1268-2	8.701	7.380	980266	18628927	2.871	11.033 #

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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
43) L9	AR-1268-3	8.952	7.582	364304	1187295	1.238	0.795 #
44) L9	AR-1268-4	9.367	7.872	161752	797458	1.427	1.539
45) L9	AR-1268-5	9.762	8.142	374117	1558898	0.426	0.393

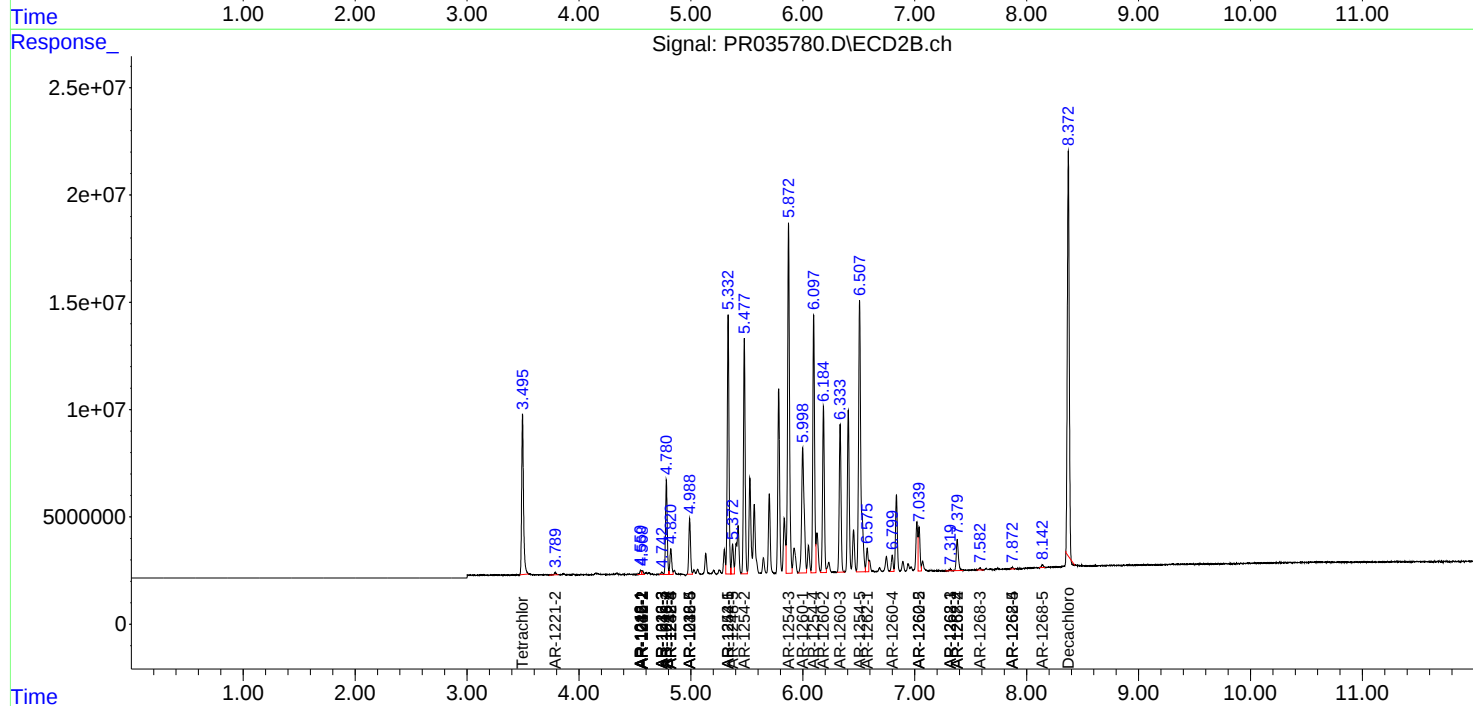
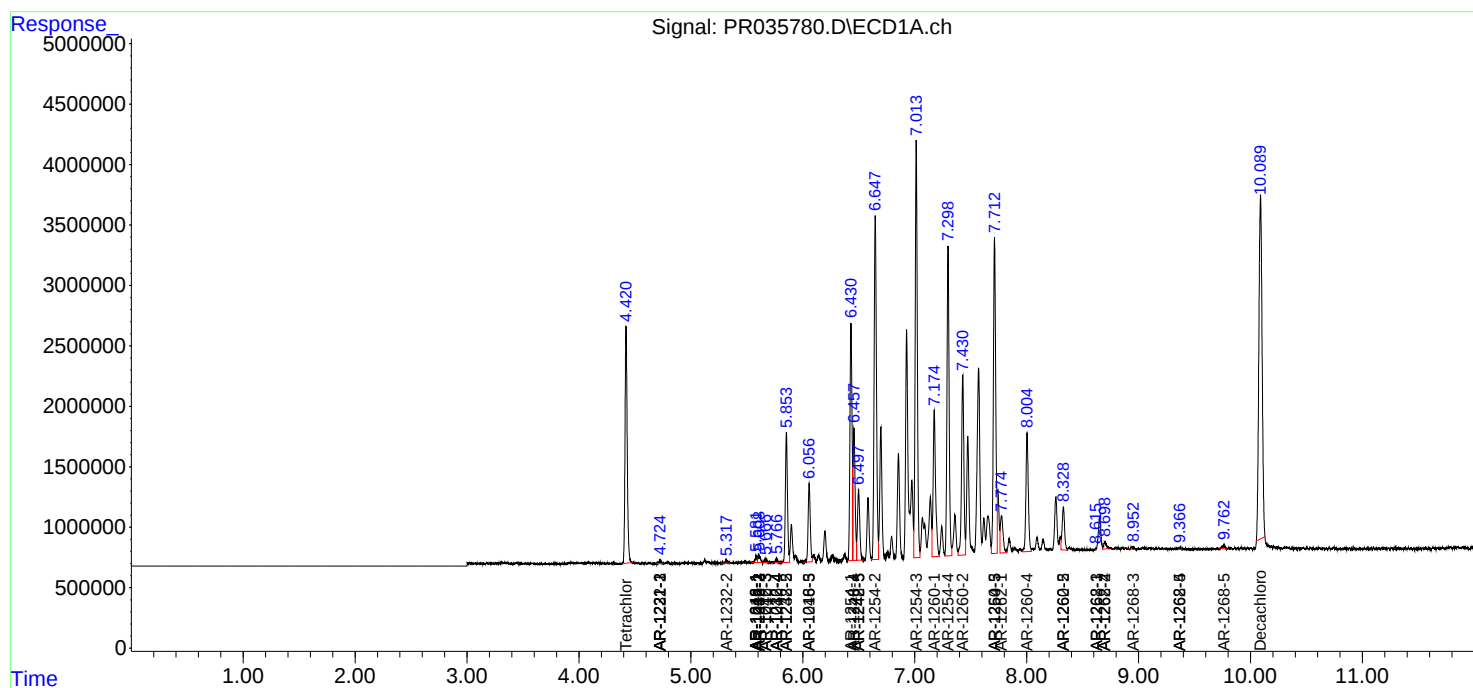
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

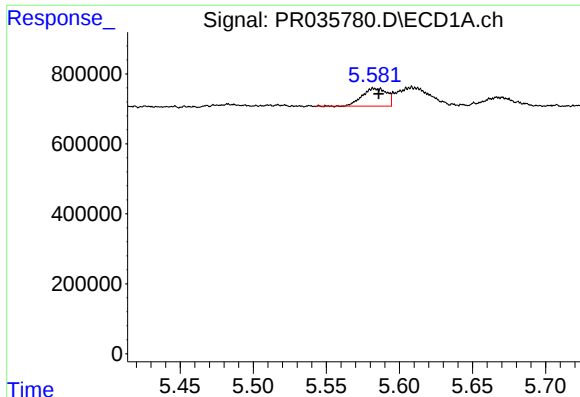
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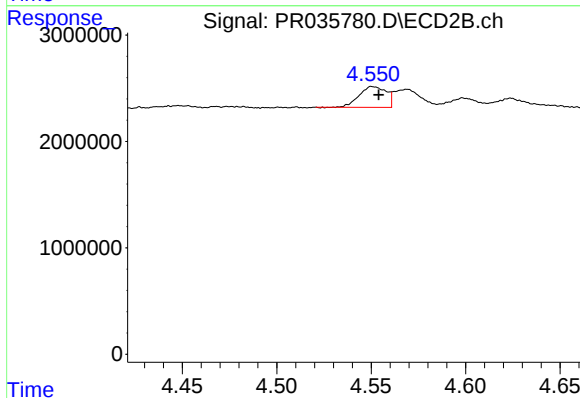




#3 AR-1016-1

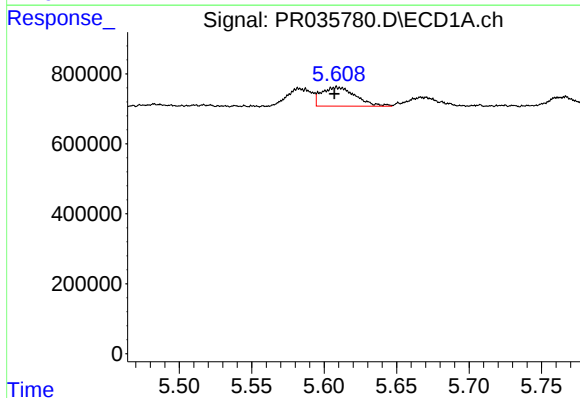
R.T.: 5.583 min
Delta R.T.: -0.003 min
Response: 591783
Conc: 7.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



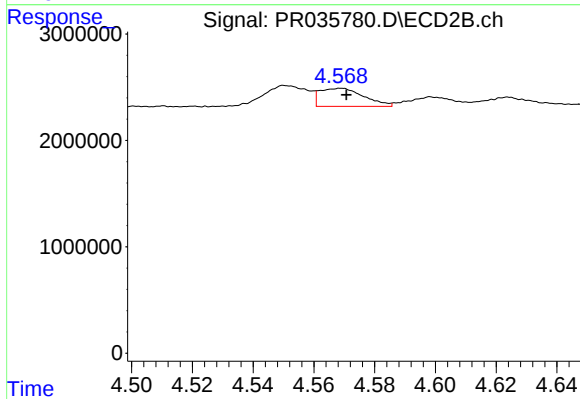
#3 AR-1016-1

R.T.: 4.551 min
Delta R.T.: -0.003 min
Response: 1932275
Conc: 8.19 ng/ml



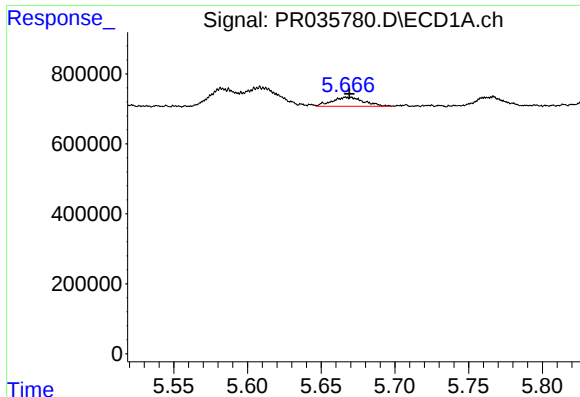
#4 AR-1016-2

R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 881229
Conc: 7.19 ng/ml



#4 AR-1016-2

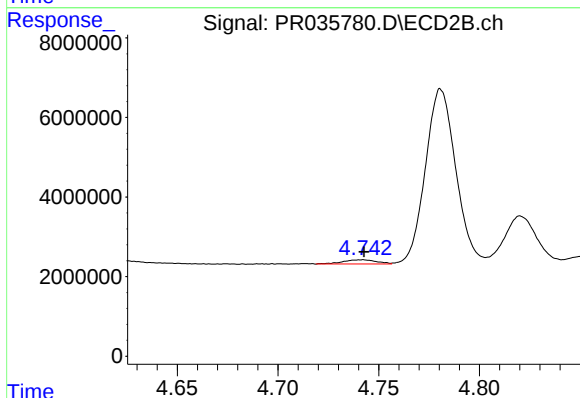
R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 1715964
Conc: 4.51 ng/ml



#5 AR-1016-3

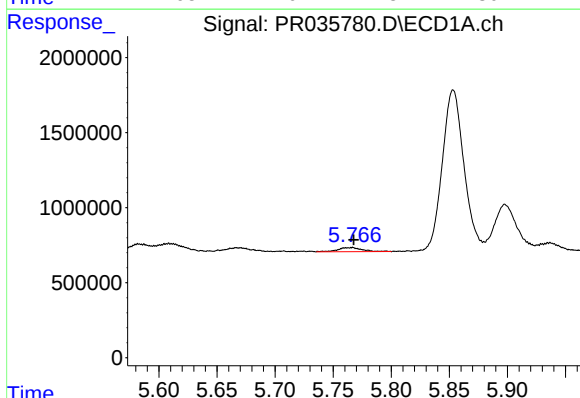
R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 383764
Conc: 5.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



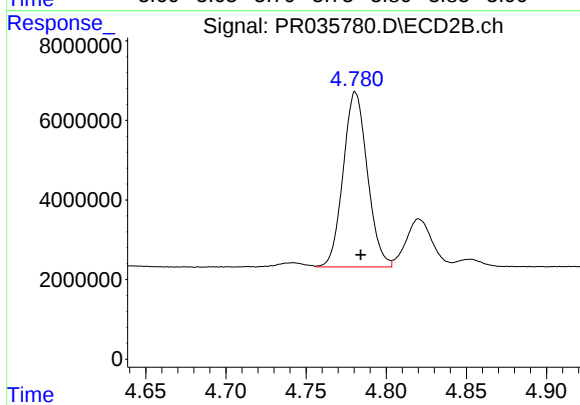
#5 AR-1016-3

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 1235549
Conc: 6.44 ng/ml



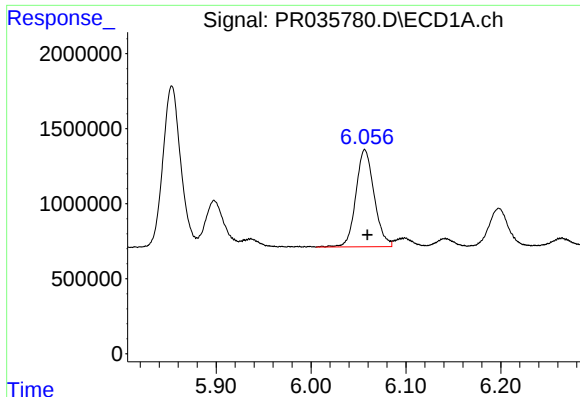
#6 AR-1016-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 405175
Conc: 6.72 ng/ml



#6 AR-1016-4

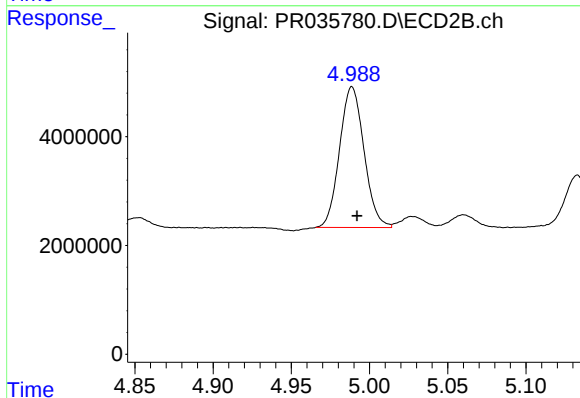
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 46294341
Conc: 315.72 ng/ml



#7 AR-1016-5

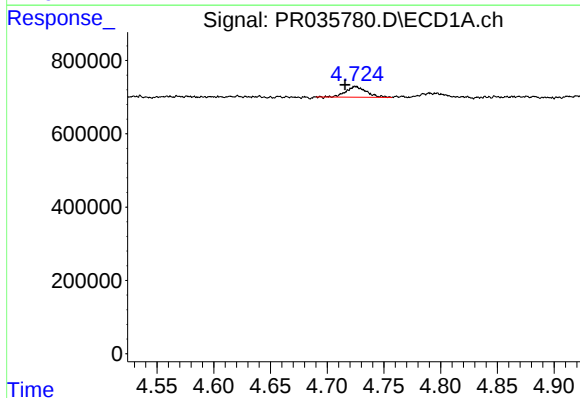
R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 8693029
Conc: 139.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



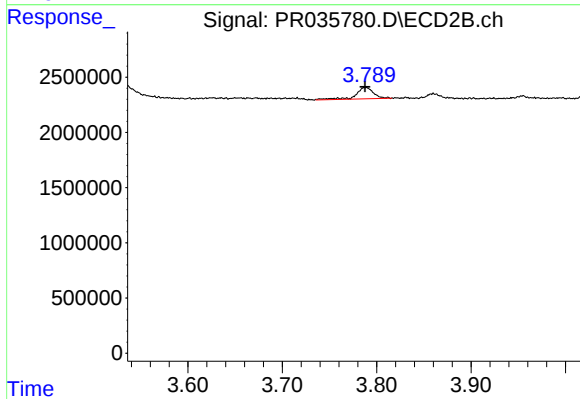
#7 AR-1016-5

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 28164530
Conc: 136.51 ng/ml



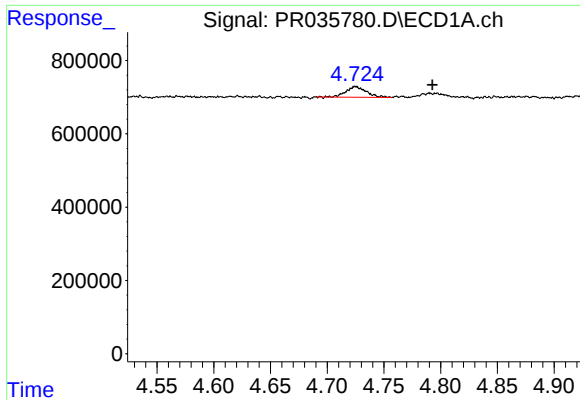
#9 AR-1221-2

R.T.: 4.725 min
Delta R.T.: 0.009 min
Response: 369318
Conc: 32.52 ng/ml



#9 AR-1221-2

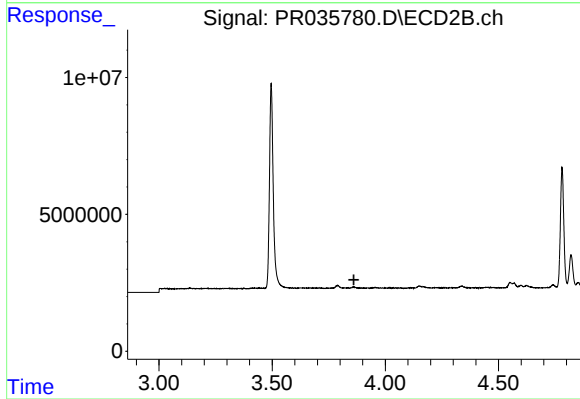
R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 1347123
Conc: 39.53 ng/ml



#10 AR-1221-3

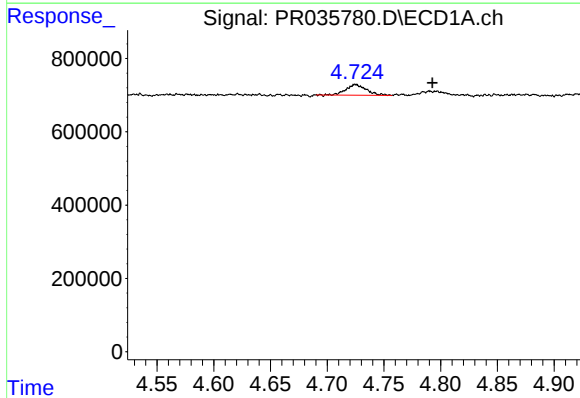
R.T.: 4.725 min
Delta R.T.: -0.067 min
Response: 369318
Conc: 9.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



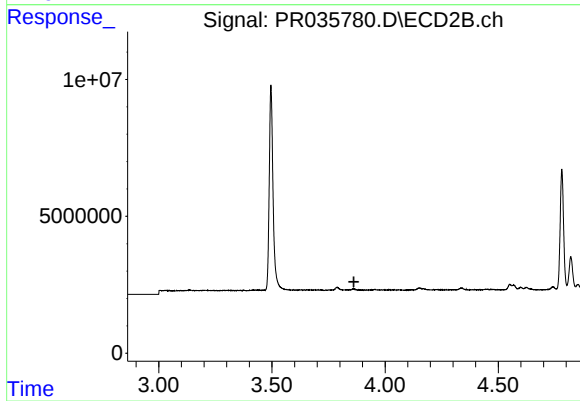
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.861 min
Response: 0
Conc: N.D.



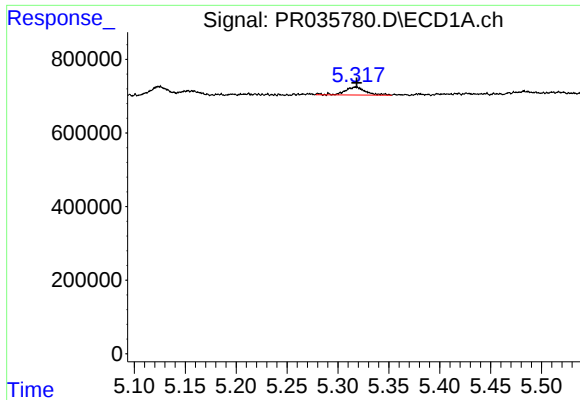
#11 AR-1232-1

R.T.: 4.725 min
Delta R.T.: -0.068 min
Response: 369318
Conc: 13.98 ng/ml



#11 AR-1232-1

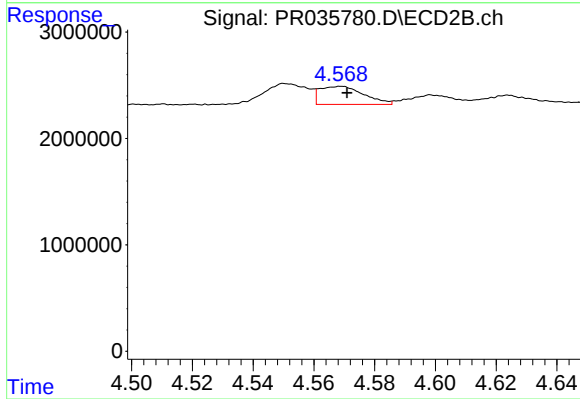
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#12 AR-1232-2

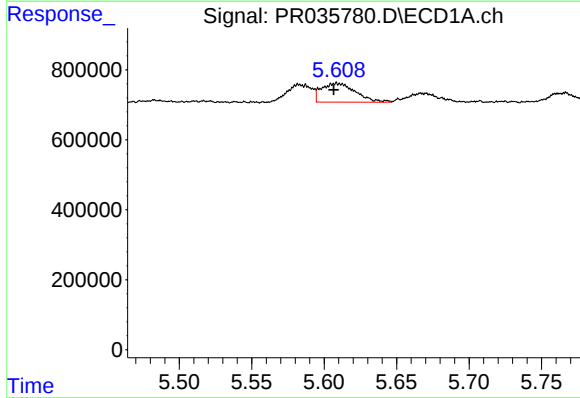
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 311265
Conc: 20.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



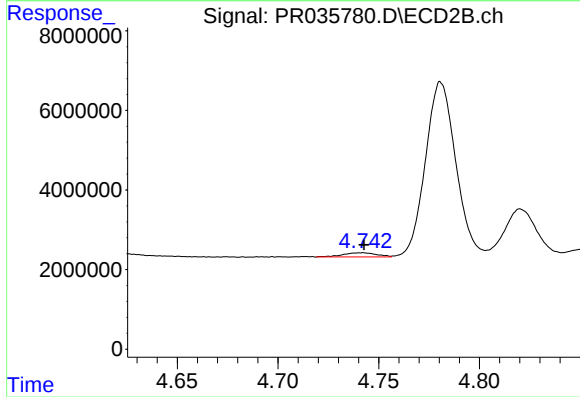
#12 AR-1232-2

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 1715964
Conc: 16.98 ng/ml



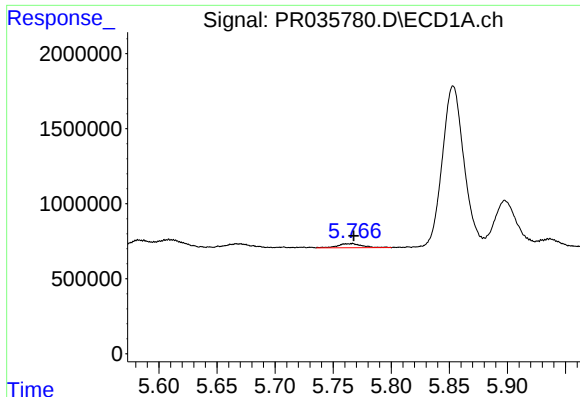
#13 AR-1232-3

R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 881229
Conc: 26.98 ng/ml



#13 AR-1232-3

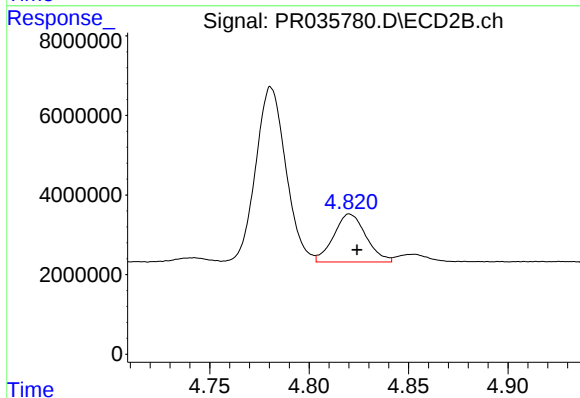
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 1235549
Conc: 24.15 ng/ml



#14 AR-1232-4

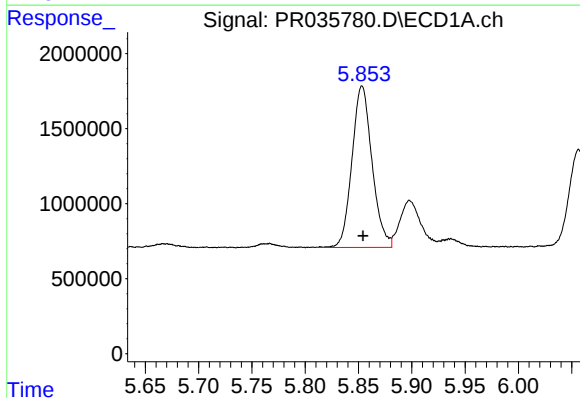
R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 405175
Conc: 25.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



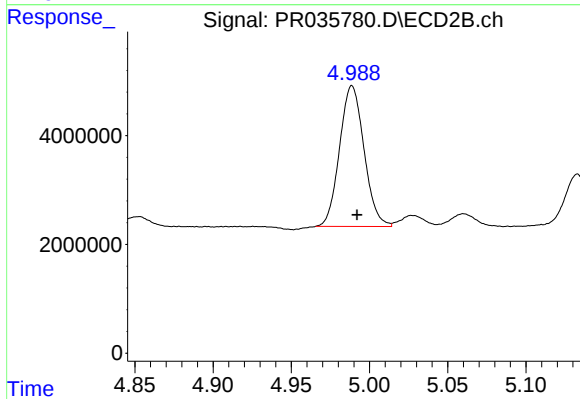
#14 AR-1232-4

R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 13641642
Conc: 299.79 ng/ml



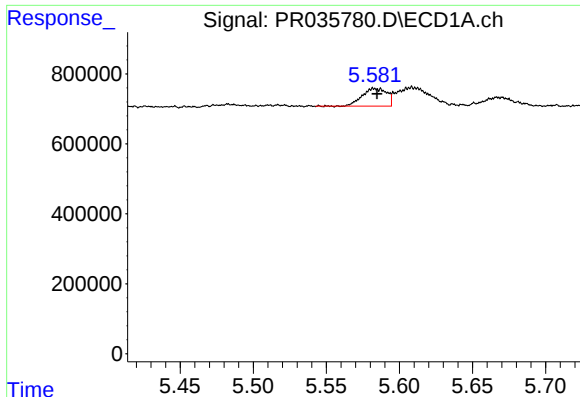
#15 AR-1232-5

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 14120769
Conc: 1073.11 ng/ml



#15 AR-1232-5

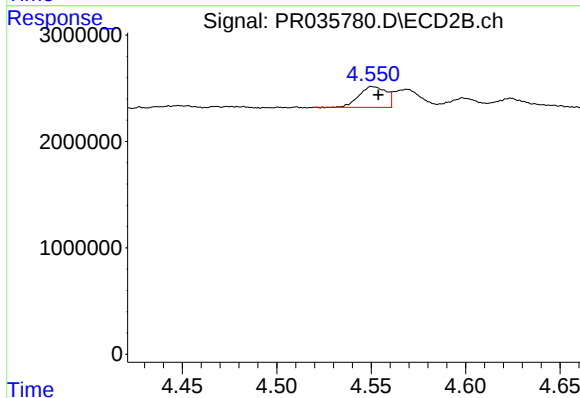
R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 28164530
Conc: 548.24 ng/ml



#16 AR-1242-1

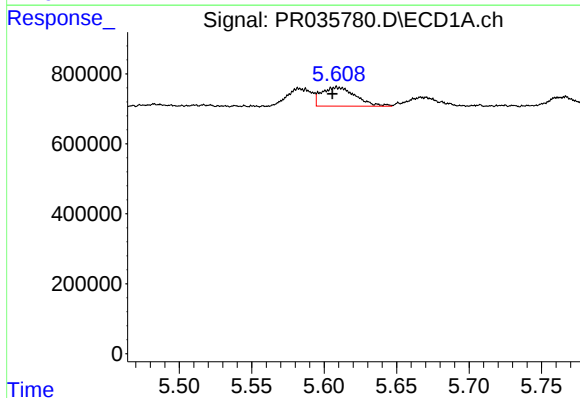
R.T.: 5.583 min
Delta R.T.: -0.002 min
Response: 591783
Conc: 14.62 ng/ml

Instrument :
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ClientSampleId :
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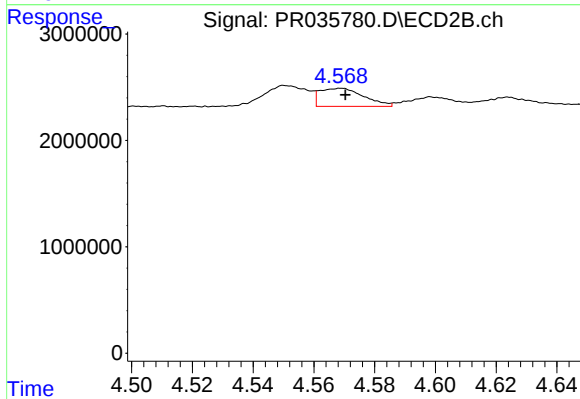
#16 AR-1242-1

R.T.: 4.551 min
Delta R.T.: -0.003 min
Response: 1932275
Conc: 14.63 ng/ml



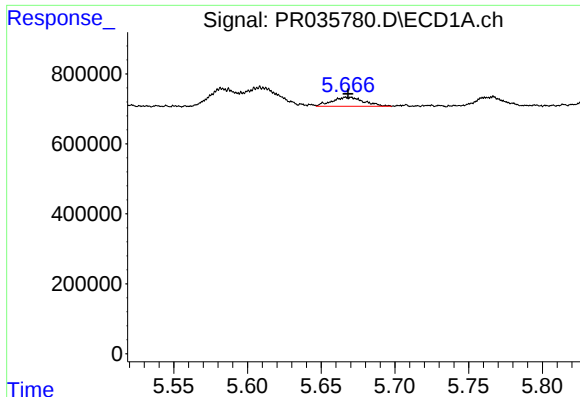
#17 AR-1242-2

R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 881229
Conc: 13.29 ng/ml



#17 AR-1242-2

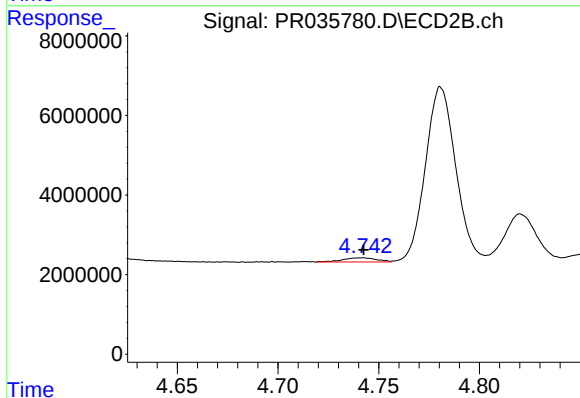
R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 1715964
Conc: 8.27 ng/ml



#18 AR-1242-3

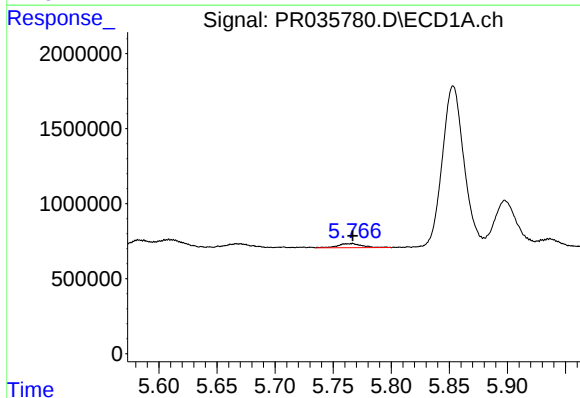
R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 383764
Conc: 9.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



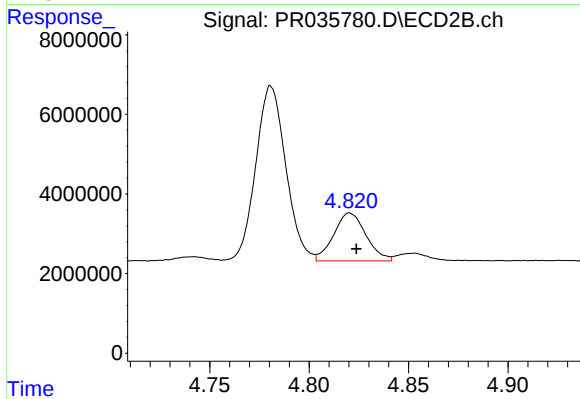
#18 AR-1242-3

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 1235549
Conc: 11.51 ng/ml



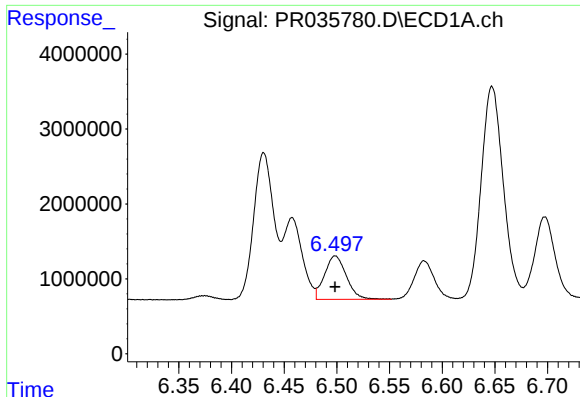
#19 AR-1242-4

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 405175
Conc: 12.16 ng/ml



#19 AR-1242-4

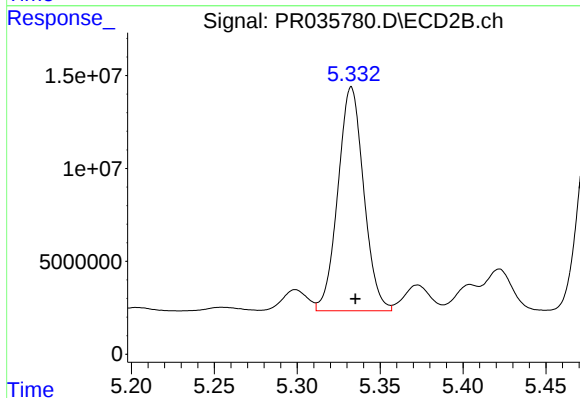
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 13641642
Conc: 130.30 ng/ml



#20 AR-1242-5

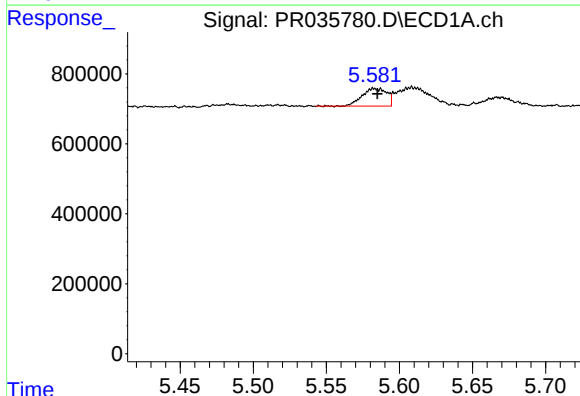
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 8355728
Conc: 198.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



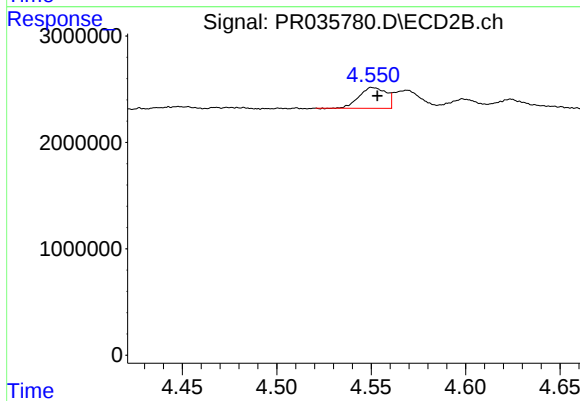
#20 AR-1242-5

R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 130601068
Conc: 830.25 ng/ml



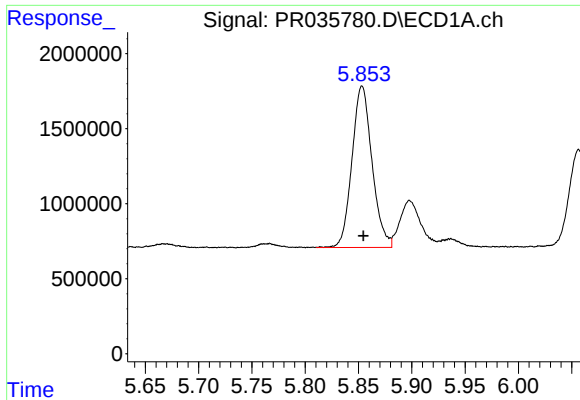
#21 AR-1248-1

R.T.: 5.583 min
Delta R.T.: -0.002 min
Response: 591783
Conc: 20.95 ng/ml



#21 AR-1248-1

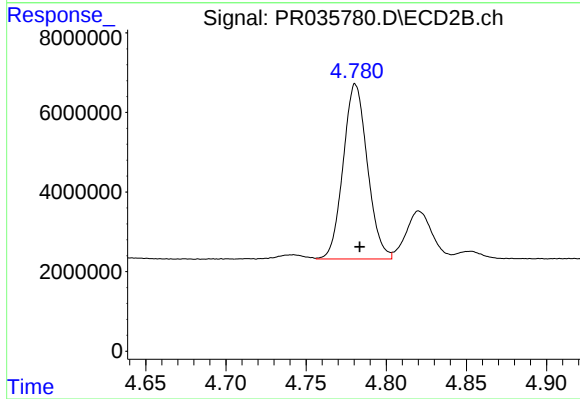
R.T.: 4.551 min
Delta R.T.: -0.002 min
Response: 1932275
Conc: 20.90 ng/ml



#22 AR-1248-2

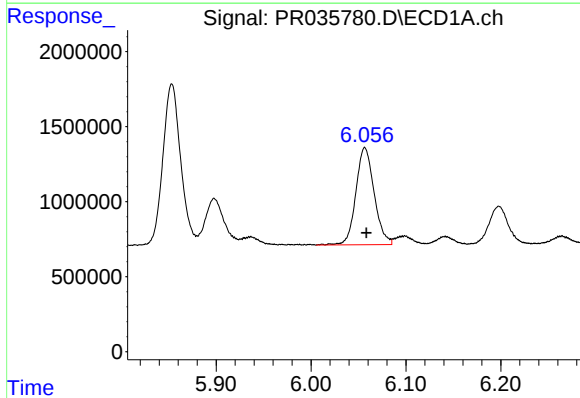
R.T.: 5.853 min
Delta R.T.: -0.001 min
Response: 14120769
Conc: 317.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



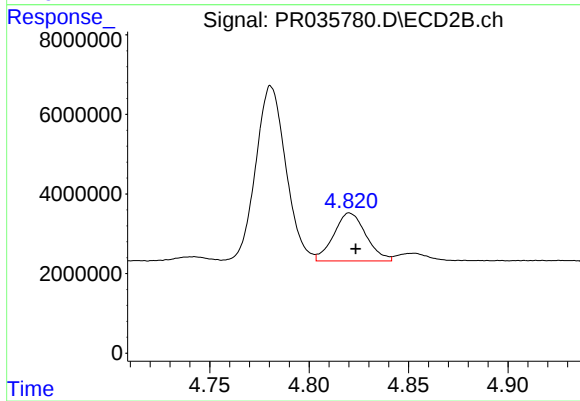
#22 AR-1248-2

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 46294341
Conc: 353.92 ng/ml



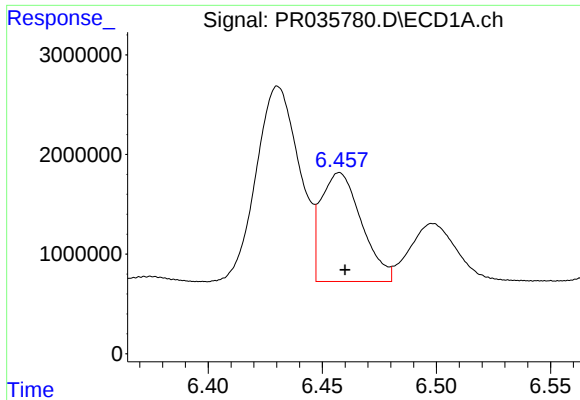
#23 AR-1248-3

R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 8693029
Conc: 169.28 ng/ml



#23 AR-1248-3

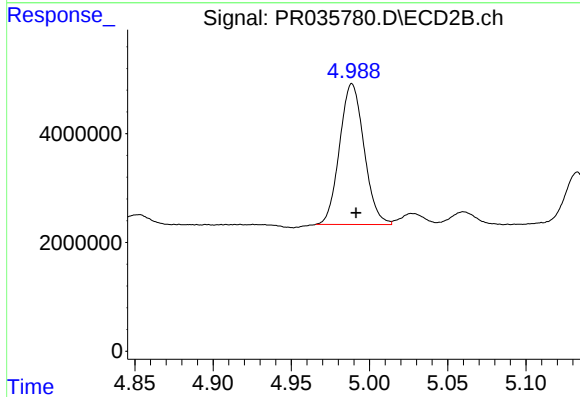
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 13641642
Conc: 100.86 ng/ml



#24 AR-1248-4

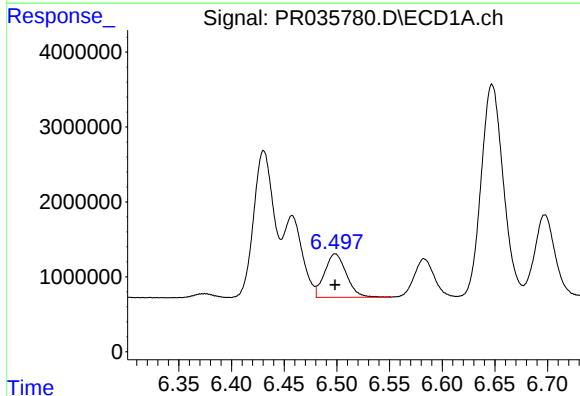
R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 13493100
Conc: 218.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



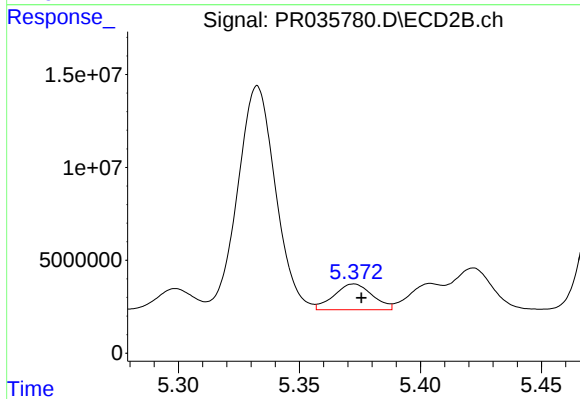
#24 AR-1248-4

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 28164530
Conc: 164.56 ng/ml



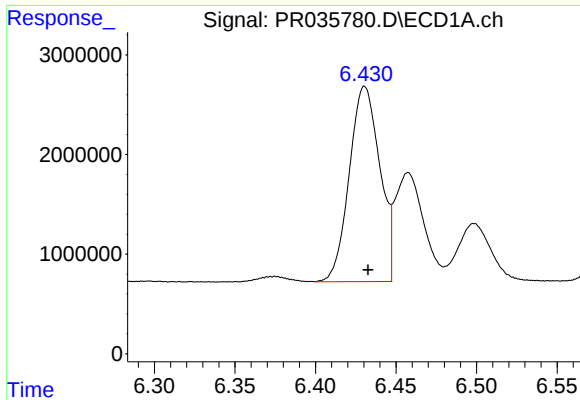
#25 AR-1248-5

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 8355728
Conc: 138.82 ng/ml



#25 AR-1248-5

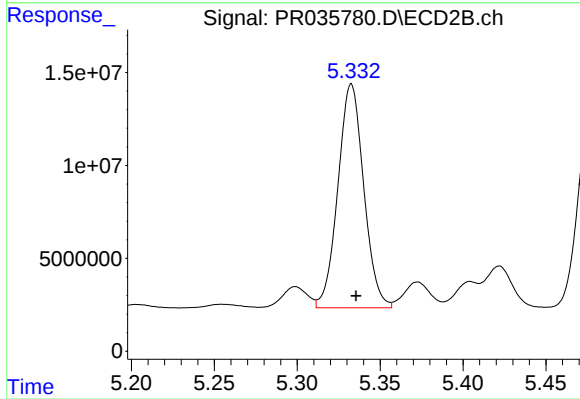
R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 15313958
Conc: 80.65 ng/ml



#26 AR-1254-1

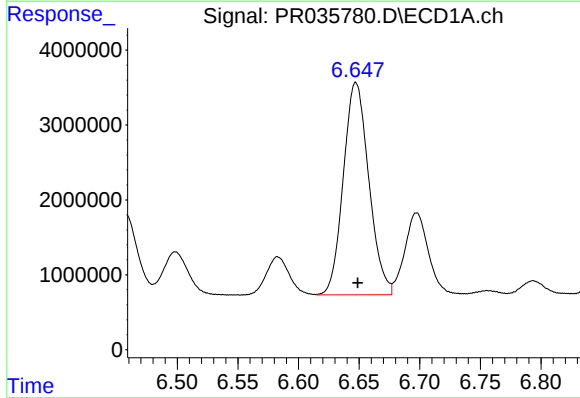
R.T.: 6.431 min
Delta R.T.: -0.002 min
Response: 25840562
Conc: 415.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



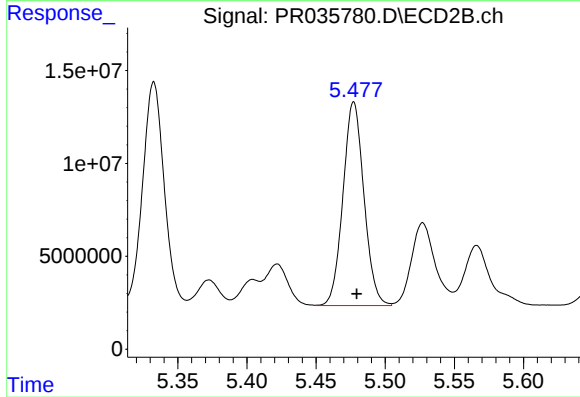
#26 AR-1254-1

R.T.: 5.333 min
Delta R.T.: -0.003 min
Response: 130601068
Conc: 440.75 ng/ml



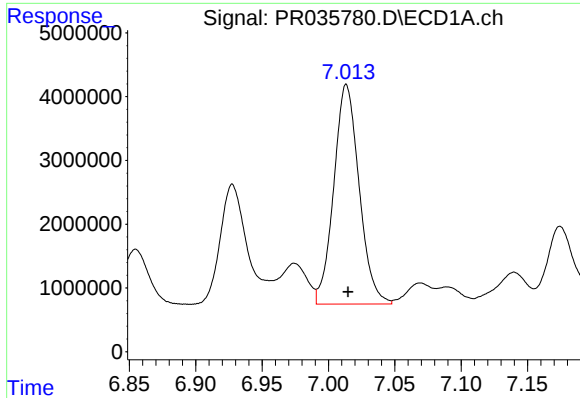
#27 AR-1254-2

R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 41482522
Conc: 410.55 ng/ml



#27 AR-1254-2

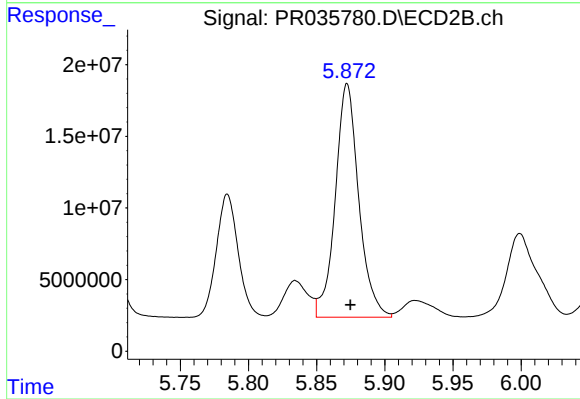
R.T.: 5.477 min
Delta R.T.: -0.002 min
Response: 115831882
Conc: 435.51 ng/ml



#28 AR-1254-3

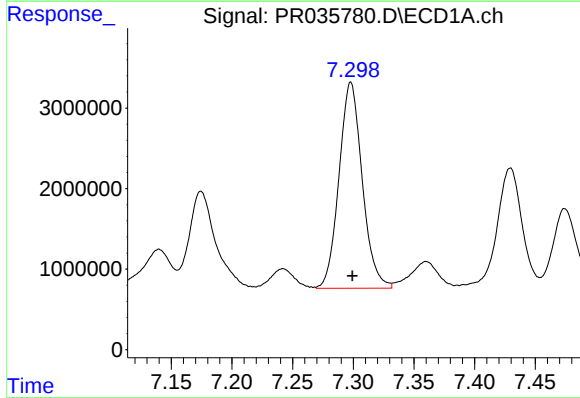
R.T.: 7.013 min
Delta R.T.: -0.001 min
Response: 45807270
Conc: 406.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



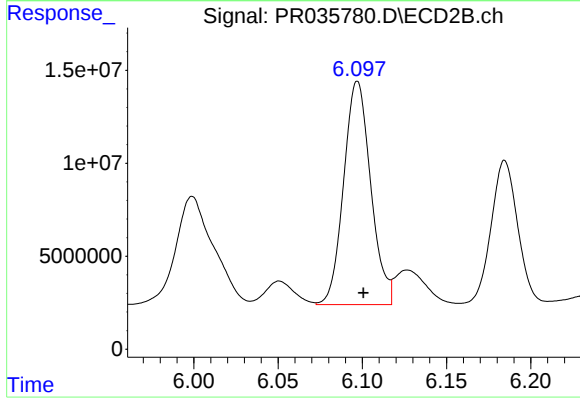
#28 AR-1254-3

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 195454603
Conc: 430.80 ng/ml



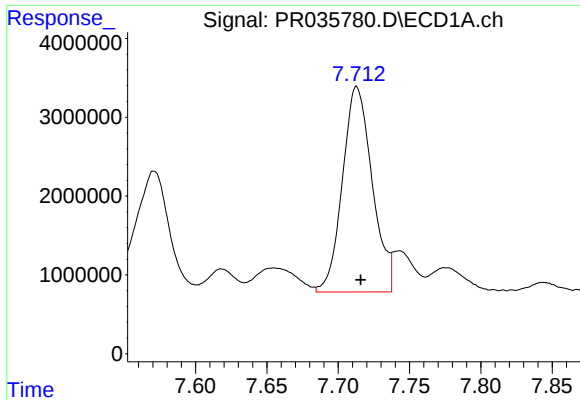
#29 AR-1254-4

R.T.: 7.298 min
Delta R.T.: -0.001 min
Response: 34091681
Conc: 403.42 ng/ml



#29 AR-1254-4

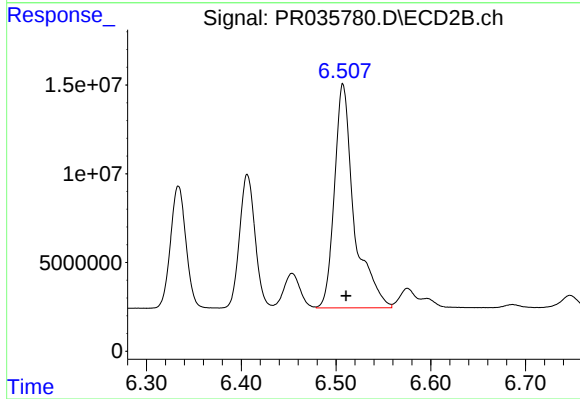
R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 134288030
Conc: 421.70 ng/ml



#30 AR-1254-5

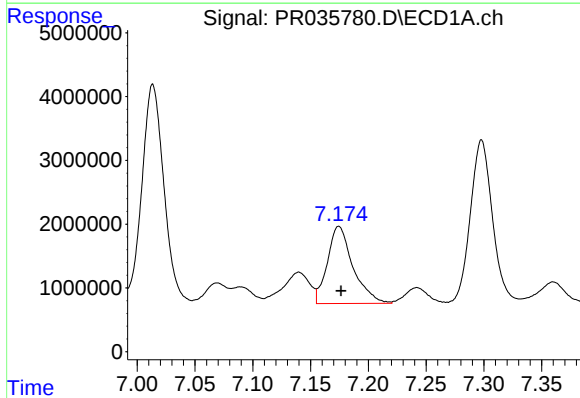
R.T.: 7.713 min
Delta R.T.: -0.003 min
Response: 37819168
Conc: 393.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



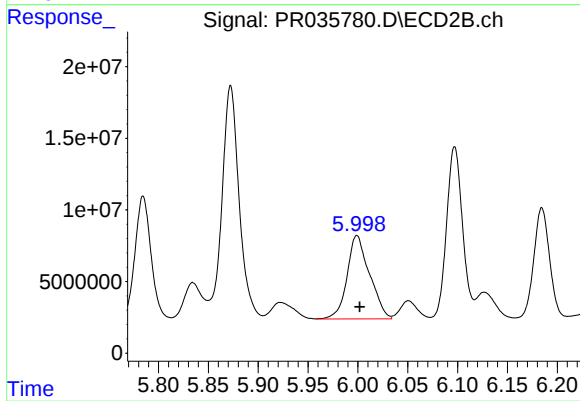
#30 AR-1254-5

R.T.: 6.507 min
Delta R.T.: -0.003 min
Response: 181830029
Conc: 417.41 ng/ml



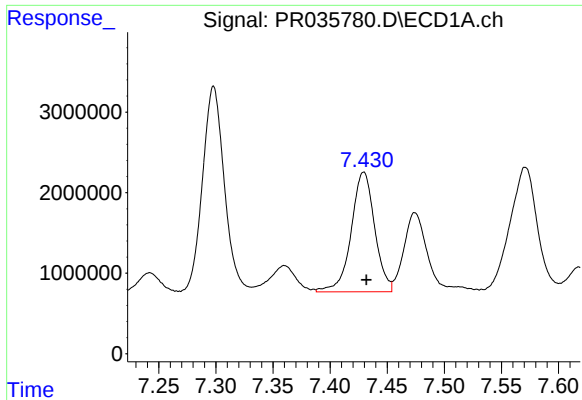
#31 AR-1260-1

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 18642536
Conc: 131.67 ng/ml



#31 AR-1260-1

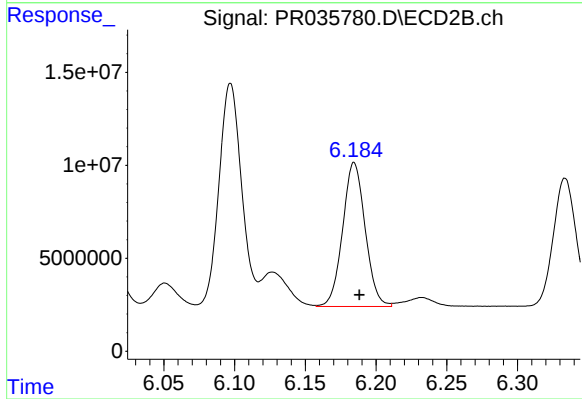
R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 91430073
Conc: 183.07 ng/ml



#32 AR-1260-2

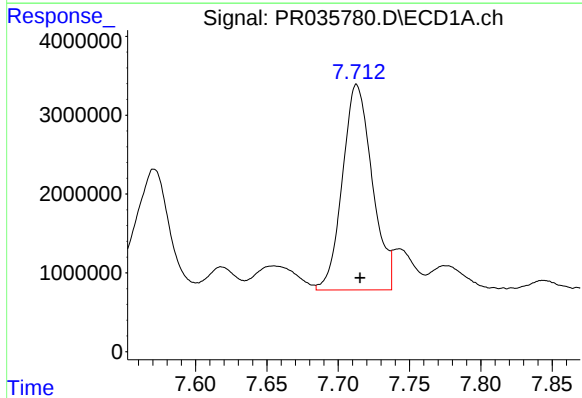
R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 21306326
Conc: 120.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



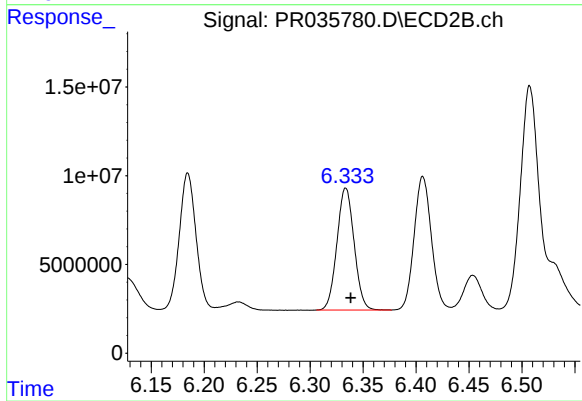
#32 AR-1260-2

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 85769796
Conc: 119.80 ng/ml



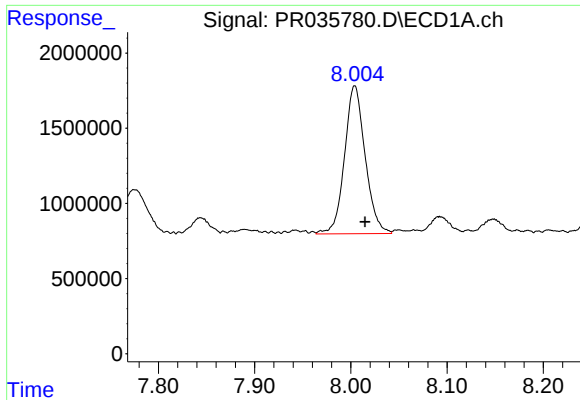
#33 AR-1260-3

R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 37819168
Conc: 164.54 ng/ml



#33 AR-1260-3

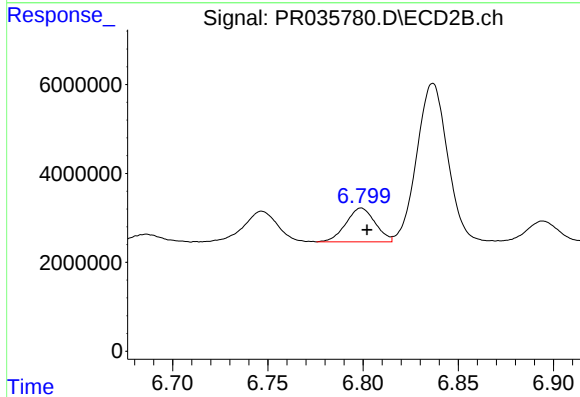
R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 77687871
Conc: 128.14 ng/ml



#34 AR-1260-4

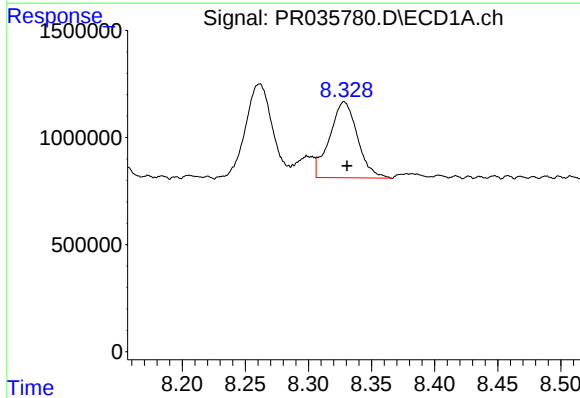
R.T.: 8.004 min
Delta R.T.: -0.011 min
Response: 14602481
Conc: 94.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



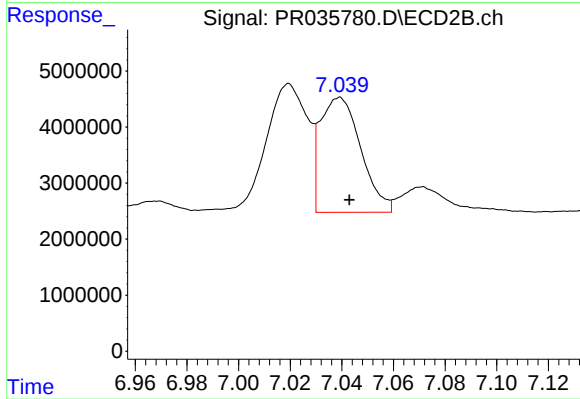
#34 AR-1260-4

R.T.: 6.799 min
Delta R.T.: -0.003 min
Response: 8147534
Conc: 15.88 ng/ml



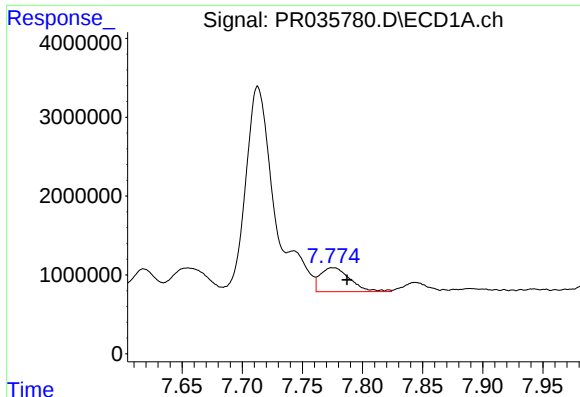
#35 AR-1260-5

R.T.: 8.328 min
Delta R.T.: -0.002 min
Response: 5443335
Conc: 16.79 ng/ml



#35 AR-1260-5

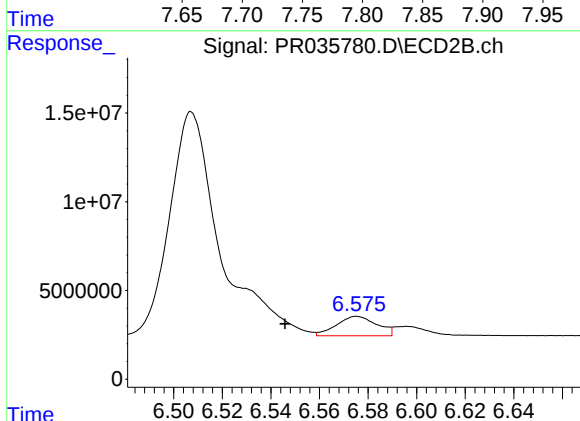
R.T.: 7.039 min
Delta R.T.: -0.004 min
Response: 22421789
Conc: 15.27 ng/ml



#36 AR-1262-1

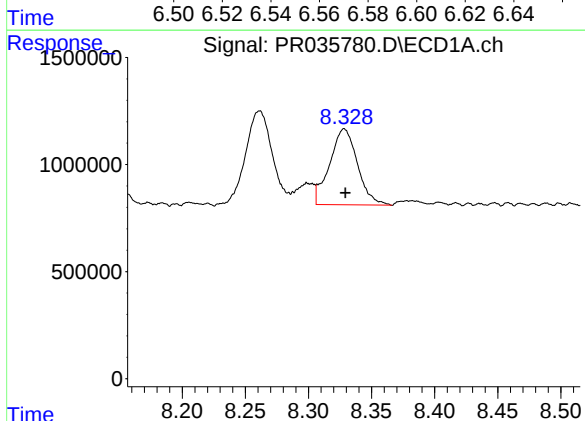
R.T.: 7.775 min
Delta R.T.: -0.012 min
Response: 5258461
Conc: 42.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



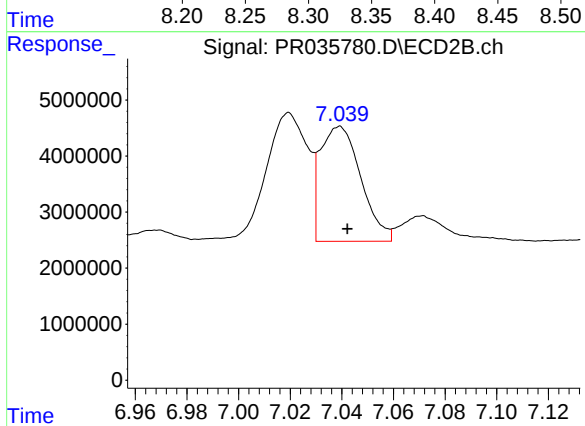
#36 AR-1262-1

R.T.: 6.575 min
Delta R.T.: 0.030 min
Response: 12674074
Conc: 21.43 ng/ml



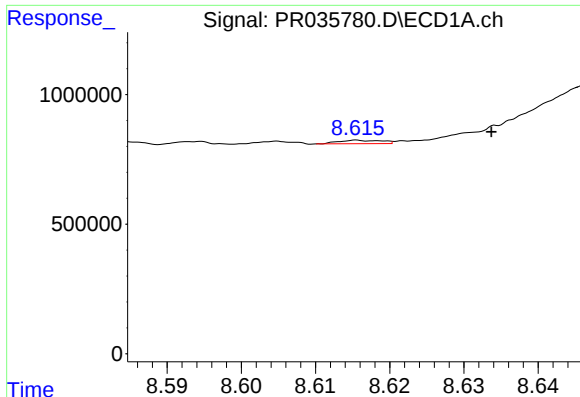
#37 AR-1262-2

R.T.: 8.328 min
Delta R.T.: -0.001 min
Response: 5443335
Conc: 25.10 ng/ml



#37 AR-1262-2

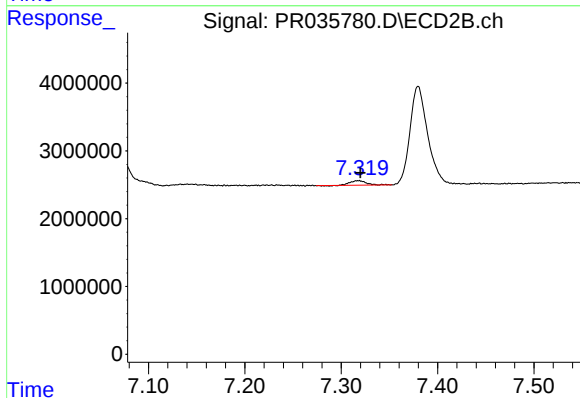
R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 22421789
Conc: 21.37 ng/ml



#38 AR-1262-3

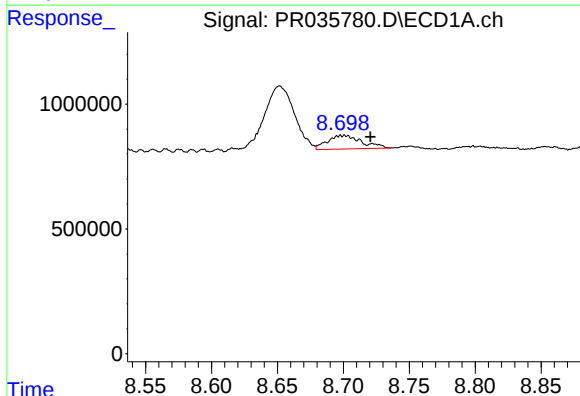
R.T.: 8.616 min
Delta R.T.: -0.017 min
Response: 50388
Conc: 0.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



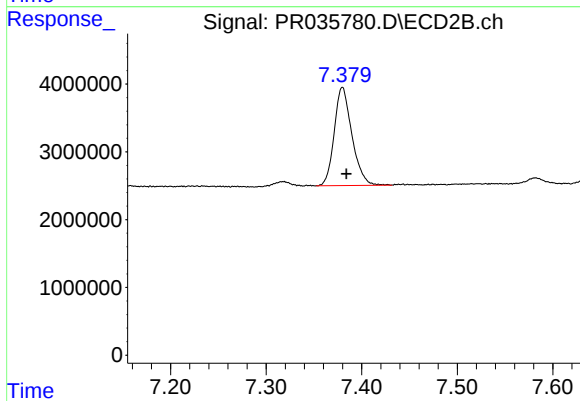
#38 AR-1262-3

R.T.: 7.318 min
Delta R.T.: -0.002 min
Response: 781646
Conc: 1.85 ng/ml



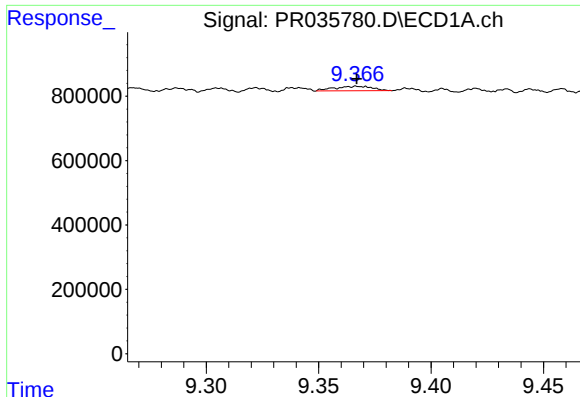
#39 AR-1262-4

R.T.: 8.701 min
Delta R.T.: -0.020 min
Response: 980266
Conc: 9.10 ng/ml



#39 AR-1262-4

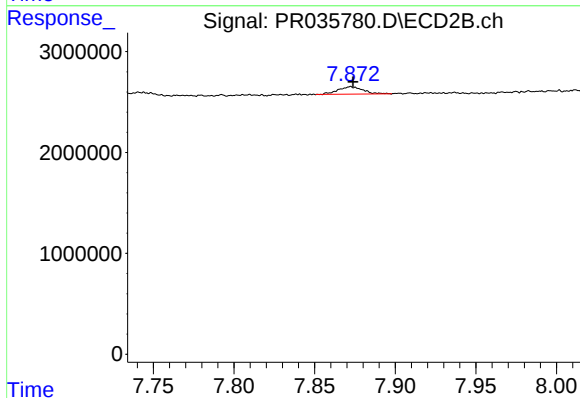
R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 18628927
Conc: 25.97 ng/ml



#40 AR-1262-5

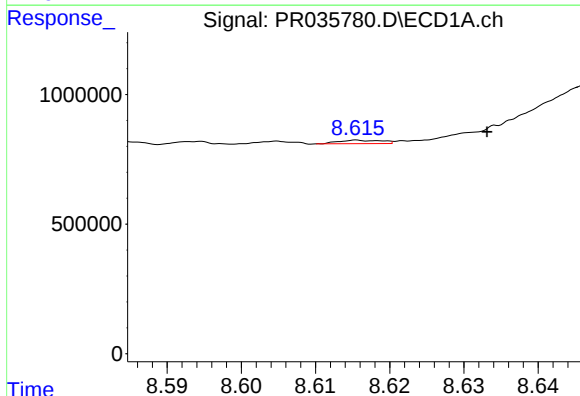
R.T.: 9.367 min
Delta R.T.: 0.000 min
Response: 161752
Conc: 2.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



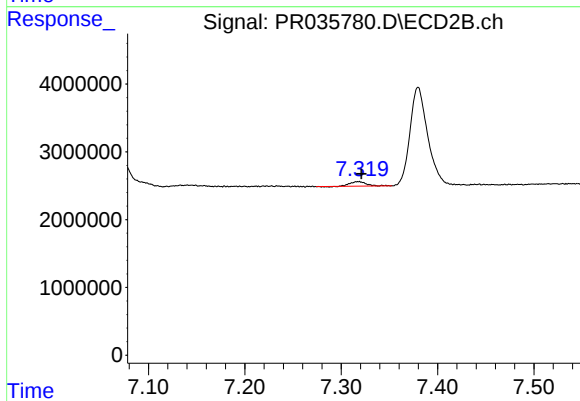
#40 AR-1262-5

R.T.: 7.872 min
Delta R.T.: -0.001 min
Response: 797458
Conc: 2.63 ng/ml



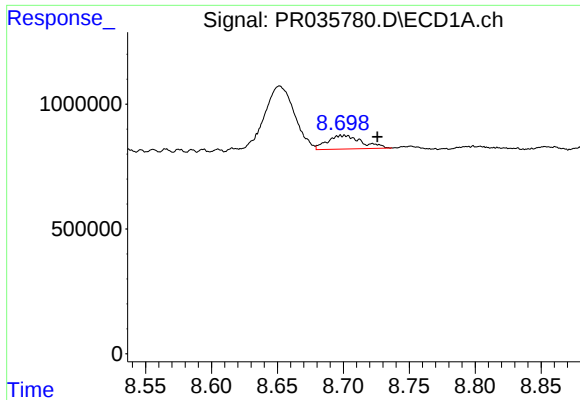
#41 AR-1268-1

R.T.: 8.616 min
Delta R.T.: -0.017 min
Response: 50388
Conc: 0.13 ng/ml



#41 AR-1268-1

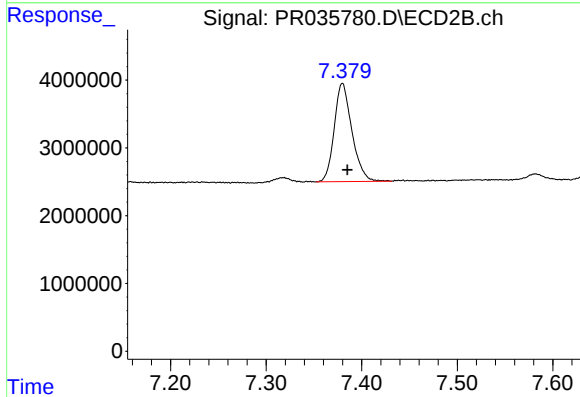
R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 781646
Conc: 0.40 ng/ml



#42 AR-1268-2

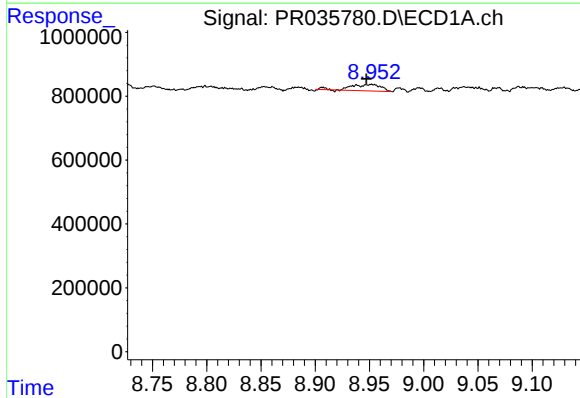
R.T.: 8.701 min
Delta R.T.: -0.025 min
Response: 980266
Conc: 2.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



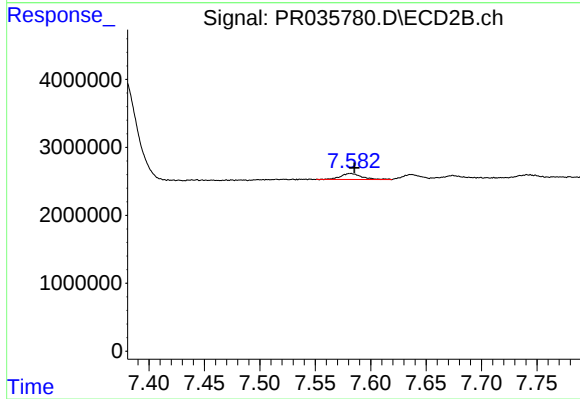
#42 AR-1268-2

R.T.: 7.380 min
Delta R.T.: -0.005 min
Response: 18628927
Conc: 11.03 ng/ml



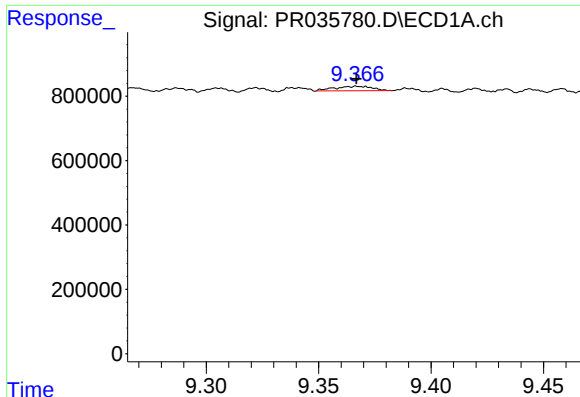
#43 AR-1268-3

R.T.: 8.952 min
Delta R.T.: 0.005 min
Response: 364304
Conc: 1.24 ng/ml



#43 AR-1268-3

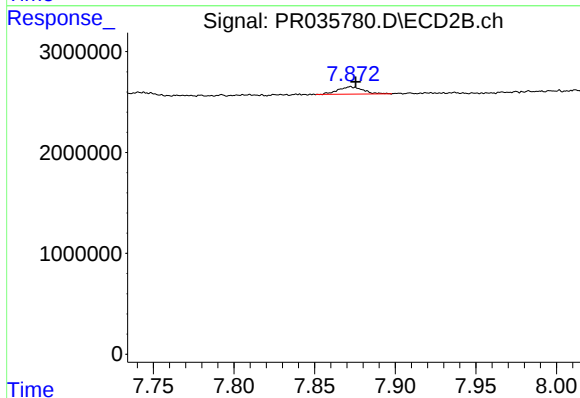
R.T.: 7.582 min
Delta R.T.: -0.004 min
Response: 1187295
Conc: 0.79 ng/ml



#44 AR-1268-4

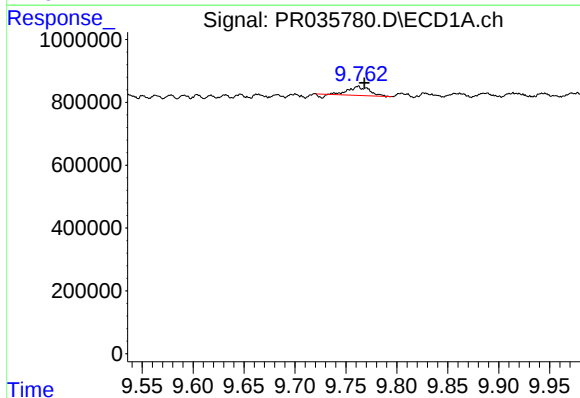
R.T.: 9.367 min
Delta R.T.: 0.000 min
Response: 161752
Conc: 1.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254331



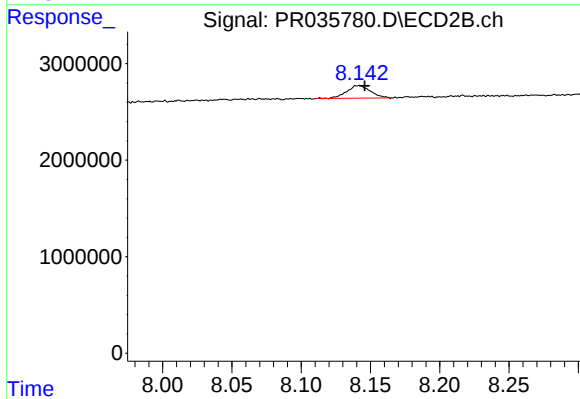
#44 AR-1268-4

R.T.: 7.872 min
Delta R.T.: -0.003 min
Response: 797458
Conc: 1.54 ng/ml



#45 AR-1268-5

R.T.: 9.762 min
Delta R.T.: -0.006 min
Response: 374117
Conc: 0.43 ng/ml



#45 AR-1268-5

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 1558898
Conc: 0.39 ng/ml