

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092821\
 Data File : PR052168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2021 18:50
 Operator : AJ\MA
 Sample : M3877-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 02:28:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 08:14:53 2021
 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...	4.705	3.858	138.2E6	85407645	21.510	19.536
2)	SA Decachlor...	10.654	8.908	197.6E6	165.4E6	41.614	40.165
Target Compounds							
3)	L1 AR-1016-1	5.921	4.893f	2849872	2552581	14.094	20.291 #
4)	L1 AR-1016-2	5.921	0.000	2849872	0	10.208	N.D. #
5)	L1 AR-1016-3	5.921f	5.110f	2849872	865078	16.953	8.094 #
7)	L1 AR-1016-5	6.383	5.353f	948495	7001019	6.918	62.952 #
8)	L2 AR-1221-1	4.938	0.000	1555492	0	20.766	N.D. #
9)	L2 AR-1221-2	5.019	4.161	2084028	1199528	40.432	35.305
10)	L2 AR-1221-3	0.000	4.234	0	882666	N.D.	7.496 #
11)	L3 AR-1232-1	0.000	4.234	0	882666	N.D.	9.422 #
12)	L3 AR-1232-2	5.608	0.000	2008052	0	29.285	N.D. #
13)	L3 AR-1232-3	5.921	5.110f	2849872	865078	22.208	18.480
14)	L3 AR-1232-4	0.000	5.265	0	734308	N.D.	17.477 #
15)	L3 AR-1232-5	6.178	5.353f	1252569	7001019	24.953	151.988 #
16)	L4 AR-1242-1	5.921	4.893f	2849872	2552581	16.553	25.010 #
17)	L4 AR-1242-2	5.921	0.000	2849872	0	11.857	N.D. #
18)	L4 AR-1242-3	5.921f	5.110f	2849872	865078	19.364	9.784 #
19)	L4 AR-1242-4	0.000	5.265	0	734308	N.D.	8.512 #
20)	L4 AR-1242-5	6.799	5.759	12850219	13492533	97.787	130.642 #
21)	L5 AR-1248-1	5.921	4.893f	2849872	2552581	21.948	32.398 #
22)	L5 AR-1248-2	6.178	0.000	1252569	0	6.911	N.D. #
23)	L5 AR-1248-3	6.383	5.265	948495	734308	4.698	5.784
24)	L5 AR-1248-4	6.773	5.353f	9614213	7001019	41.521	45.847
25)	L5 AR-1248-5	6.799	5.787	12850219	16005726	57.516	111.342 #
26)	L6 AR-1254-1	6.741	5.759	21662978	13492533	94.854	59.933 #
27)	L6 AR-1254-2	6.987	5.922	22286622	10602230	63.040	53.871
28)	L6 AR-1254-3	7.352	6.319	25106955	25396978	66.867	76.146
29)	L6 AR-1254-4	7.623	6.527	9620850	3230111	34.097	17.244 #
30)	L6 AR-1254-5	8.071	6.945	156.6E6	79788310	512.858	281.282 #
31)	L7 AR-1260-1	7.503	6.433	14417420	11258178	62.760	57.236
32)	L7 AR-1260-2	7.762	6.620	107.7E6	9785699	391.092	42.838 #
33)	L7 AR-1260-3	8.117	6.773	8984571	14901490	42.758	66.635 #
34)	L7 AR-1260-4	8.357	7.244	13607069	2837591	55.395	14.910 #
35)	L7 AR-1260-5	8.698	7.482	7401649	7764396	14.804	17.571
36)	L8 AR-1262-1	8.117	6.773	8984571	14901490	24.753	70.054 #
37)	L8 AR-1262-2	8.698	7.482	7401649	7764396	10.930	14.191 #
38)	L8 AR-1262-3	9.059	7.768	2898508	410702	10.127	1.929 #
39)	L8 AR-1262-4	9.170f	7.829	1257829	4030521	7.297	9.949 #
40)	L8 AR-1262-5	0.000	8.334	0	1009277	N.D.	5.538 #
41)	L9 AR-1268-1	9.059	7.768	2898508	410702	3.712	0.655 #
42)	L9 AR-1268-2	9.170f	7.829	1257829	4030521	1.776	6.805 #

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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	9.385	8.047	5080823	3919049	8.480	7.634
44) L9	AR-1268-4	0.000	8.334	0	1009277	N.D.	5.127 #
45) L9	AR-1268-5	10.290	8.640	5282686	4221557	2.597	2.612

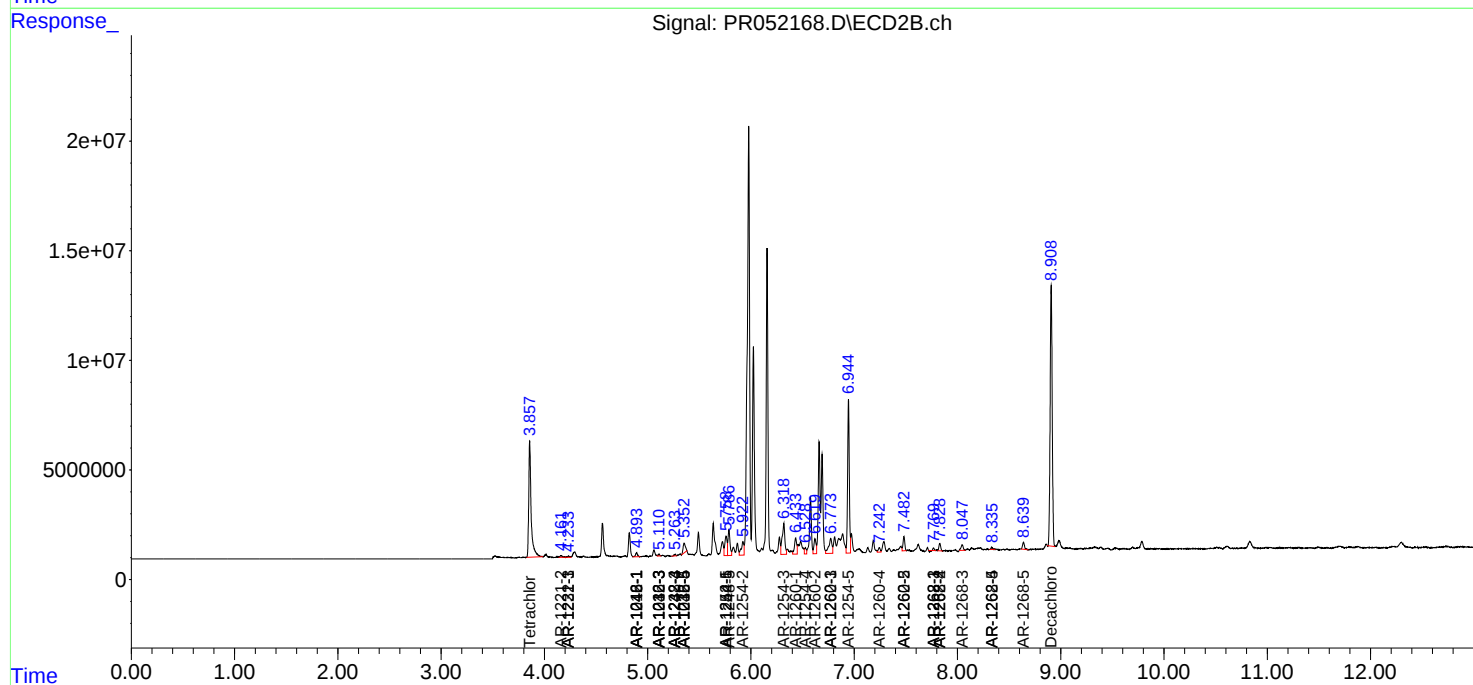
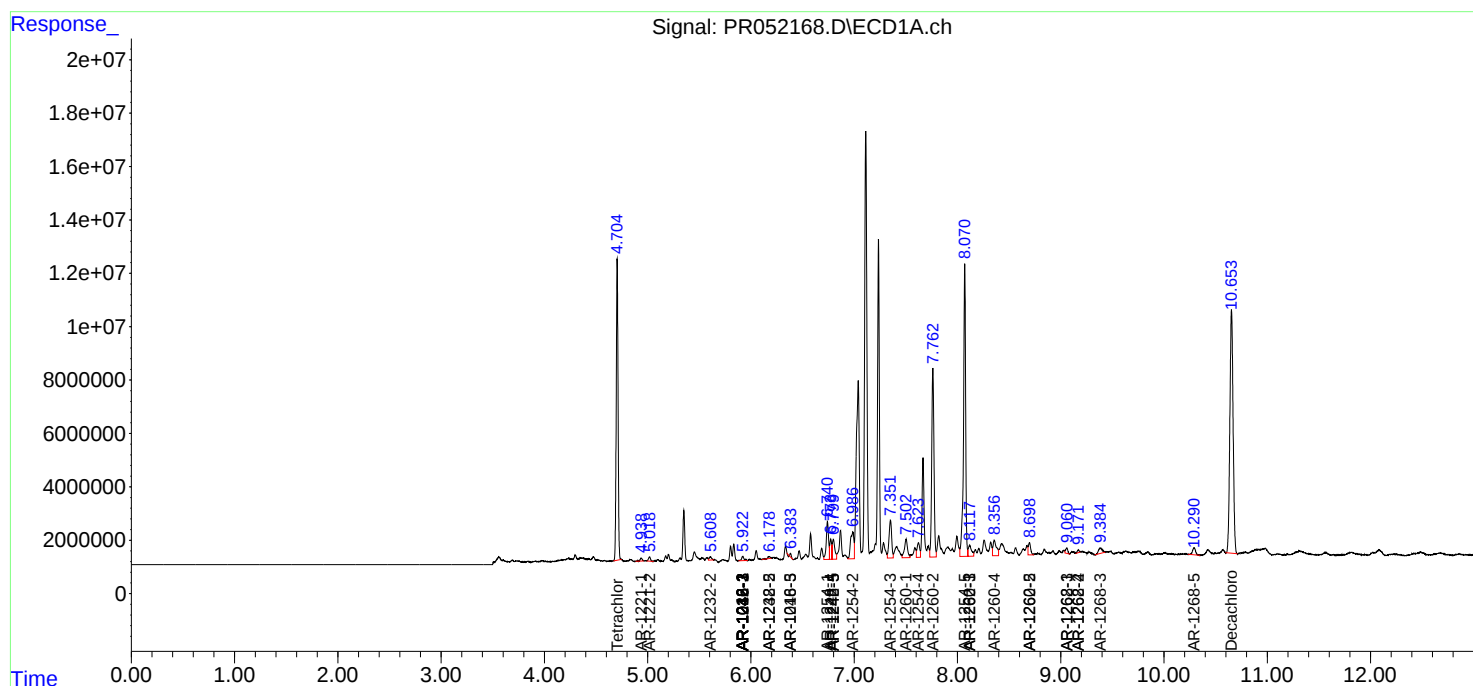
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

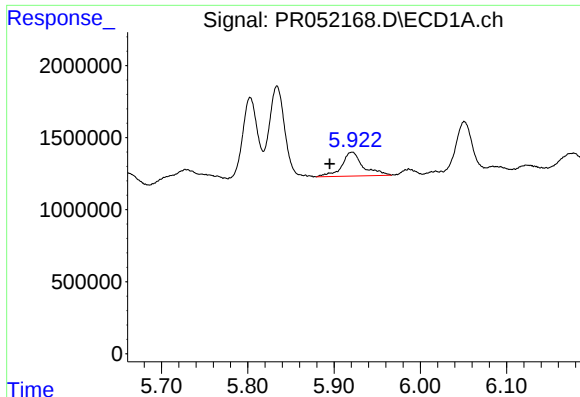
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

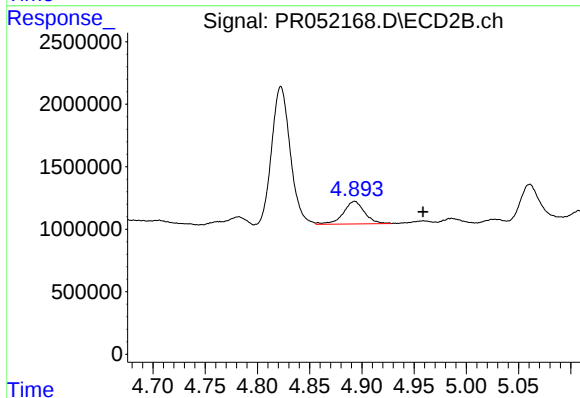




#3 AR-1016-1

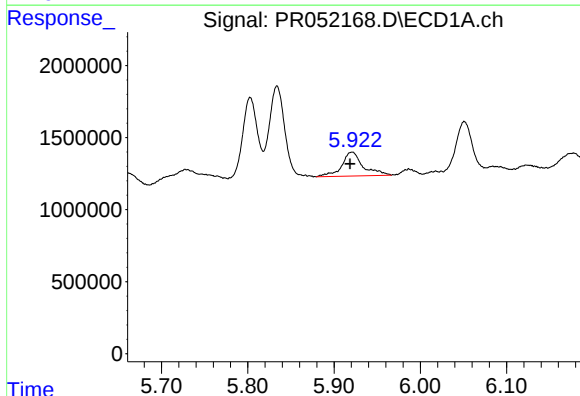
R.T.: 5.921 min
Delta R.T.: 0.026 min
Response: 2849872
Conc: 14.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



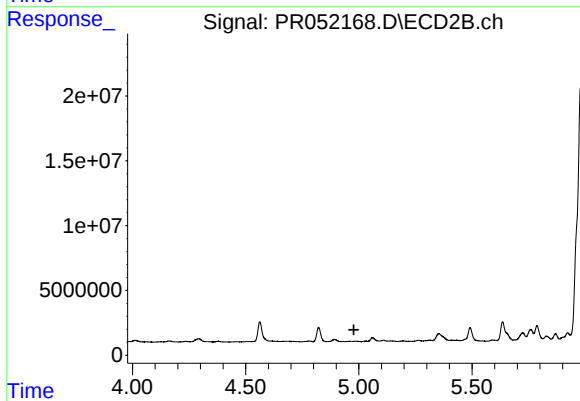
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.065 min
Response: 2552581
Conc: 20.29 ng/ml



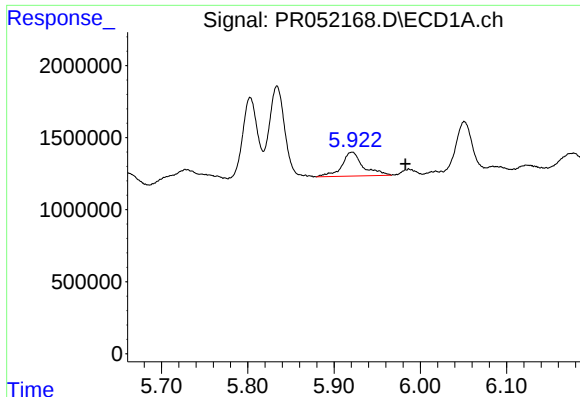
#4 AR-1016-2

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 2849872
Conc: 10.21 ng/ml



#4 AR-1016-2

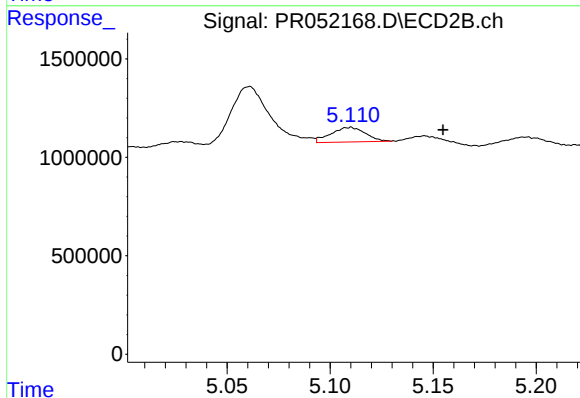
R.T.: 0.000 min
Exp R.T.: 4.978 min
Response: 0
Conc: N.D.



#5 AR-1016-3

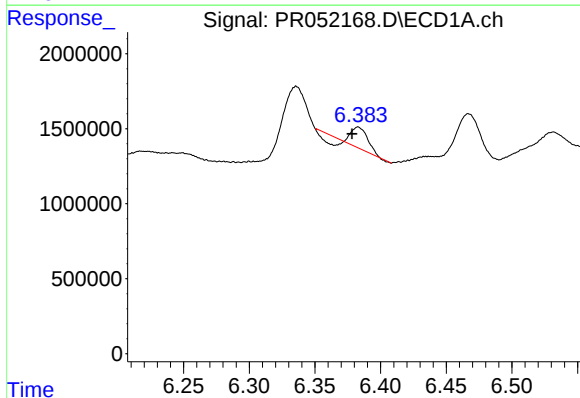
R.T.: 5.921 min
Delta R.T.: -0.062 min
Response: 2849872
Conc: 16.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



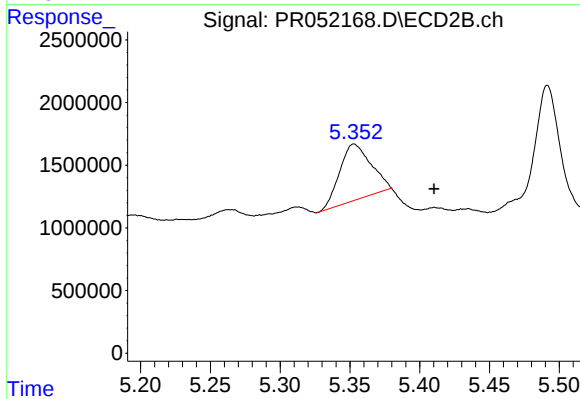
#5 AR-1016-3

R.T.: 5.110 min
Delta R.T.: -0.045 min
Response: 865078
Conc: 8.09 ng/ml



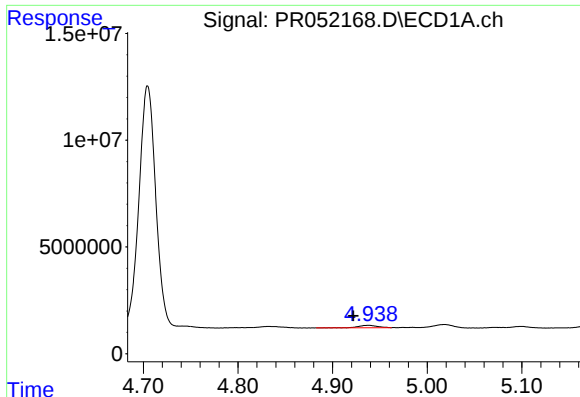
#7 AR-1016-5

R.T.: 6.383 min
Delta R.T.: 0.005 min
Response: 948495
Conc: 6.92 ng/ml



#7 AR-1016-5

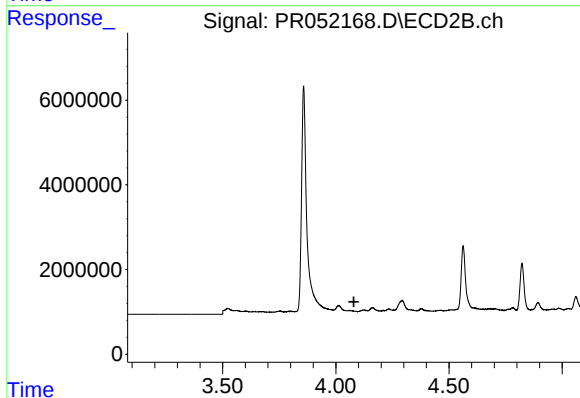
R.T.: 5.353 min
Delta R.T.: -0.057 min
Response: 7001019
Conc: 62.95 ng/ml



#8 AR-1221-1

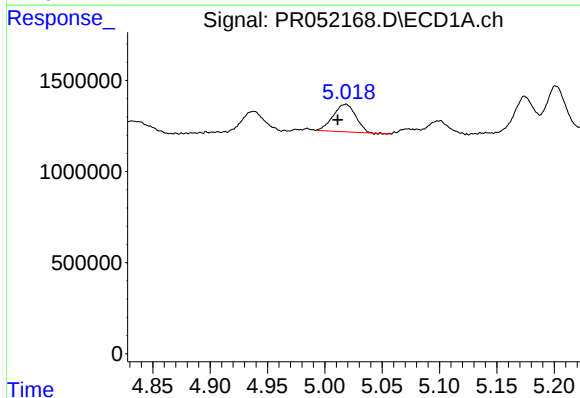
R.T.: 4.938 min
Delta R.T.: 0.016 min
Response: 1555492
Conc: 20.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



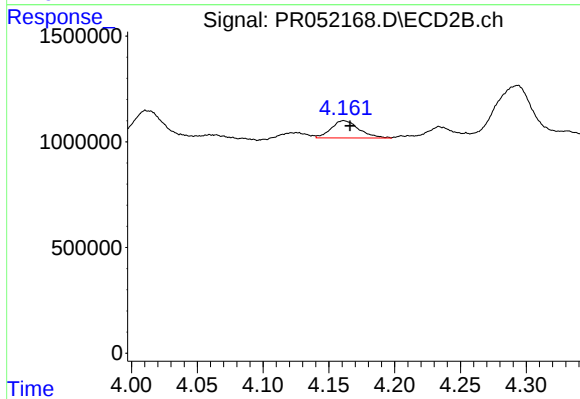
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.080 min
Response: 0
Conc: N.D.



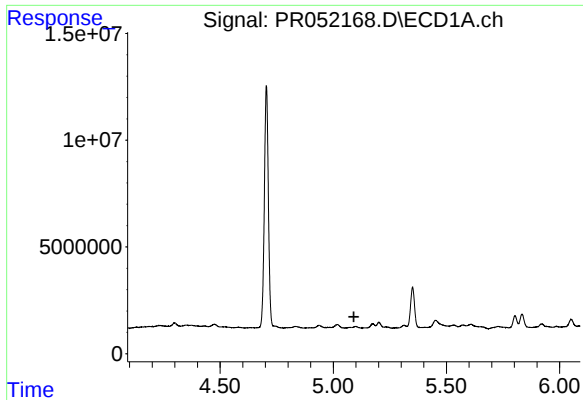
#9 AR-1221-2

R.T.: 5.019 min
Delta R.T.: 0.007 min
Response: 2084028
Conc: 40.43 ng/ml



#9 AR-1221-2

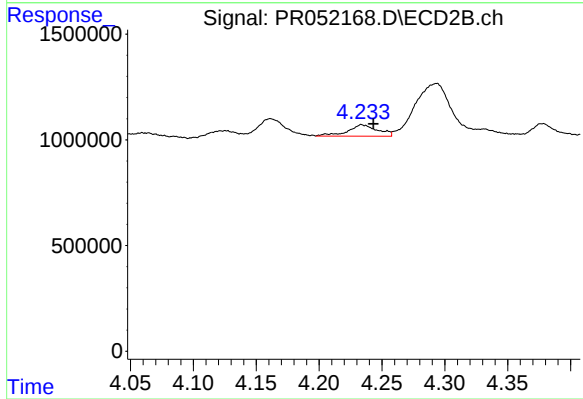
R.T.: 4.161 min
Delta R.T.: -0.005 min
Response: 1199528
Conc: 35.30 ng/ml



#10 AR-1221-3

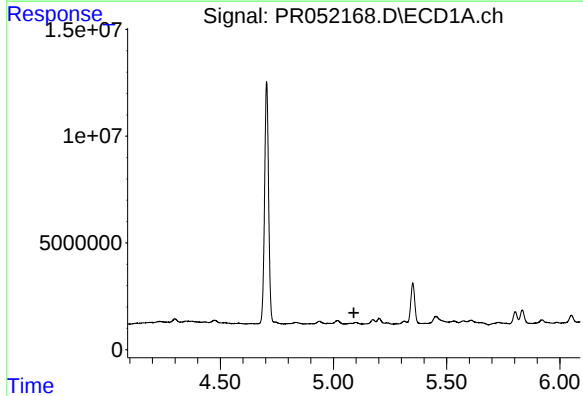
R.T.: 0.000 min
Exp R.T.: 5.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



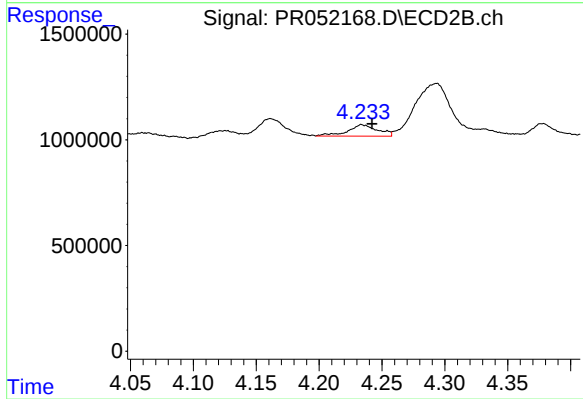
#10 AR-1221-3

R.T.: 4.234 min
Delta R.T.: -0.010 min
Response: 882666
Conc: 7.50 ng/ml



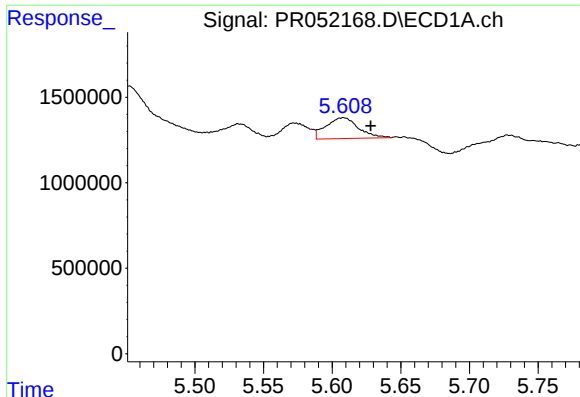
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.090 min
Response: 0
Conc: N.D.



#11 AR-1232-1

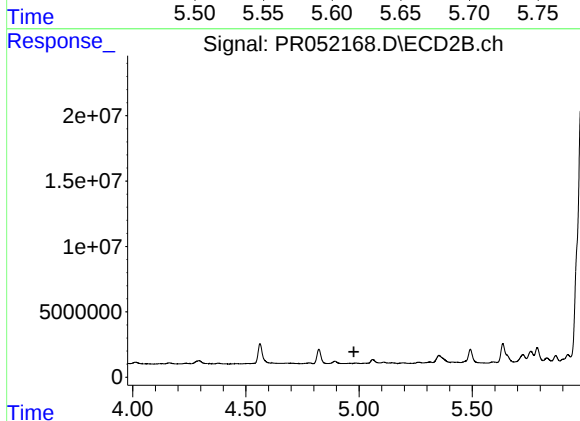
R.T.: 4.234 min
Delta R.T.: -0.009 min
Response: 882666
Conc: 9.42 ng/ml



#12 AR-1232-2

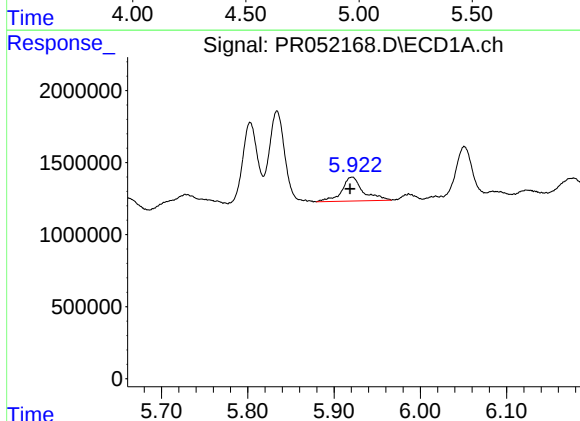
R.T.: 5.608 min
Delta R.T.: -0.020 min
Response: 2008052
Conc: 29.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



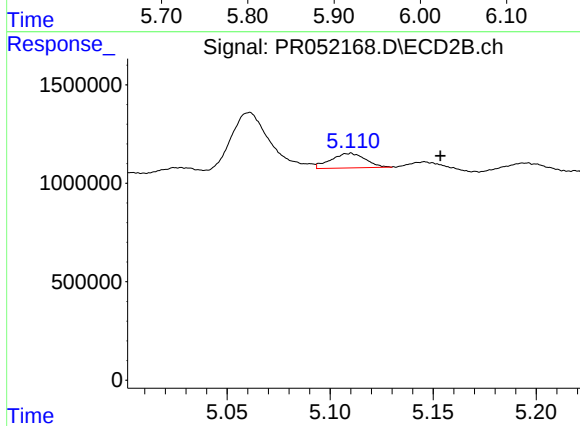
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



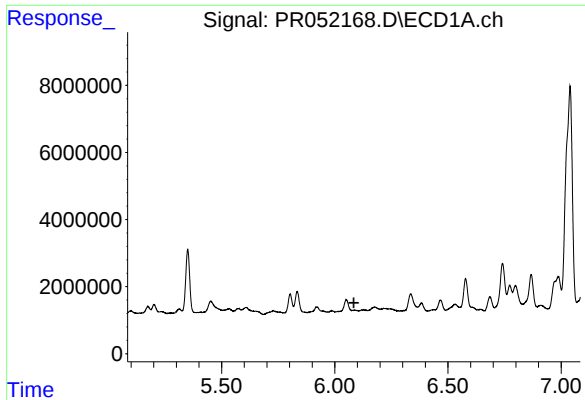
#13 AR-1232-3

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 2849872
Conc: 22.21 ng/ml



#13 AR-1232-3

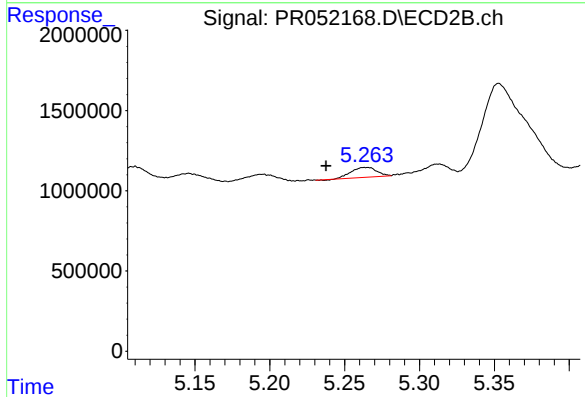
R.T.: 5.110 min
Delta R.T.: -0.043 min
Response: 865078
Conc: 18.48 ng/ml



#14 AR-1232-4

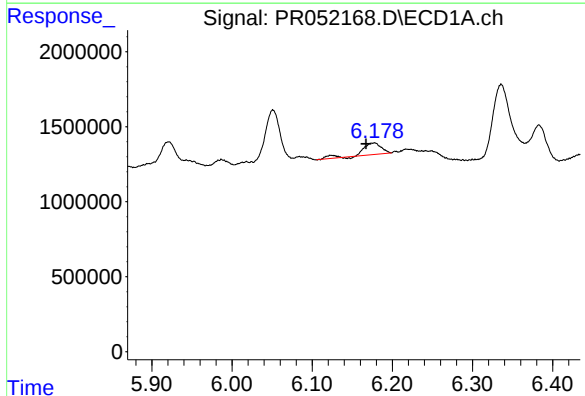
R.T.: 0.000 min
Exp R.T.: 6.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



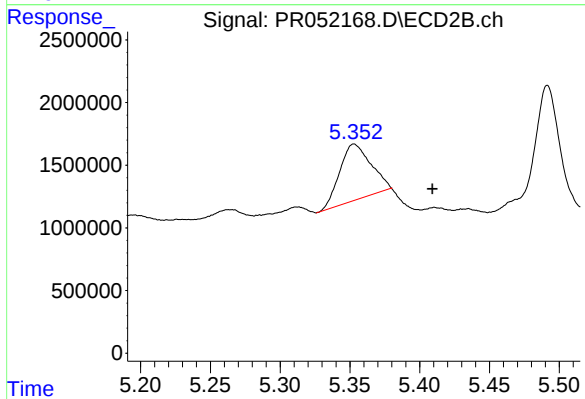
#14 AR-1232-4

R.T.: 5.265 min
Delta R.T.: 0.028 min
Response: 734308
Conc: 17.48 ng/ml



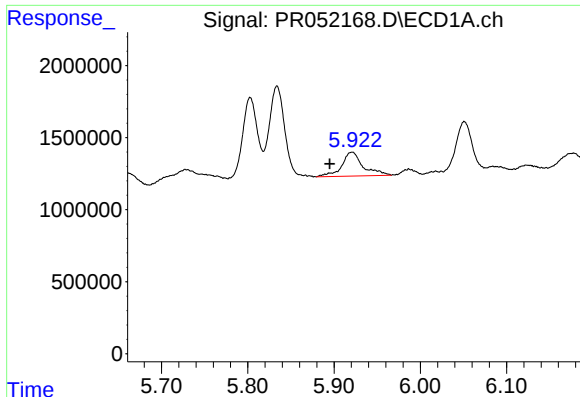
#15 AR-1232-5

R.T.: 6.178 min
Delta R.T.: 0.011 min
Response: 1252569
Conc: 24.95 ng/ml



#15 AR-1232-5

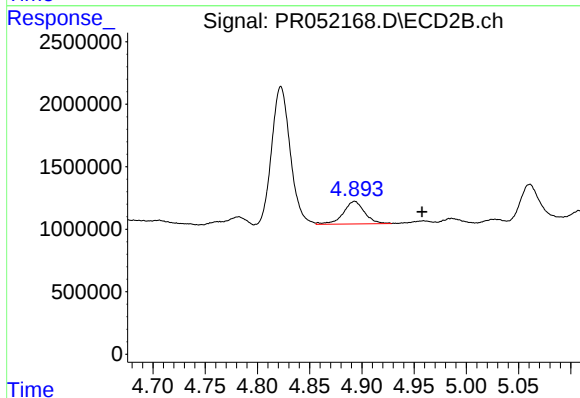
R.T.: 5.353 min
Delta R.T.: -0.056 min
Response: 7001019
Conc: 151.99 ng/ml



#16 AR-1242-1

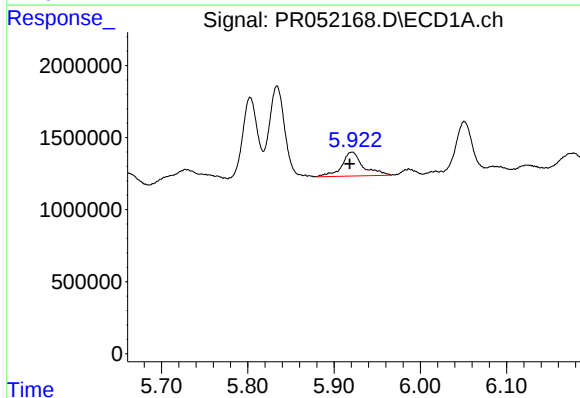
R.T.: 5.921 min
Delta R.T.: 0.026 min
Response: 2849872
Conc: 16.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



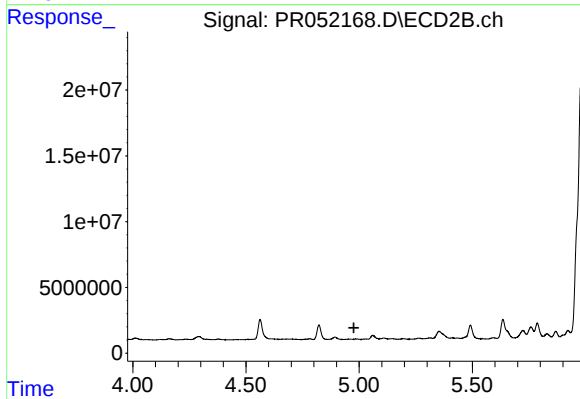
#16 AR-1242-1

R.T.: 4.893 min
Delta R.T.: -0.065 min
Response: 2552581
Conc: 25.01 ng/ml



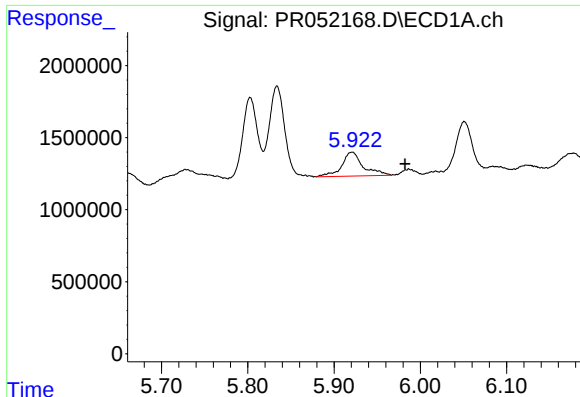
#17 AR-1242-2

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 2849872
Conc: 11.86 ng/ml



#17 AR-1242-2

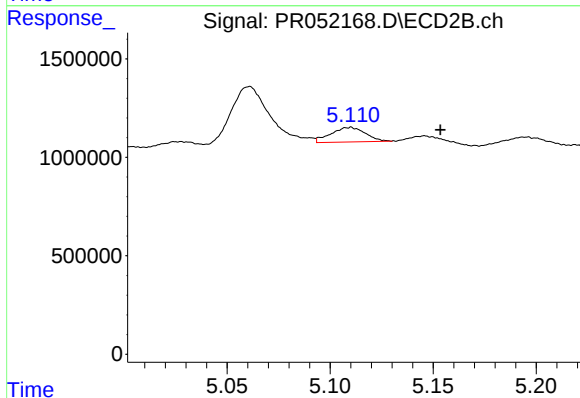
R.T.: 0.000 min
Exp R.T.: 4.977 min
Response: 0
Conc: N.D.



#18 AR-1242-3

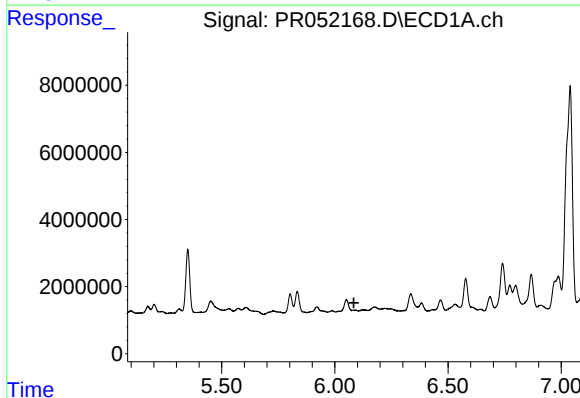
R.T.: 5.921 min
Delta R.T.: -0.061 min
Response: 2849872
Conc: 19.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



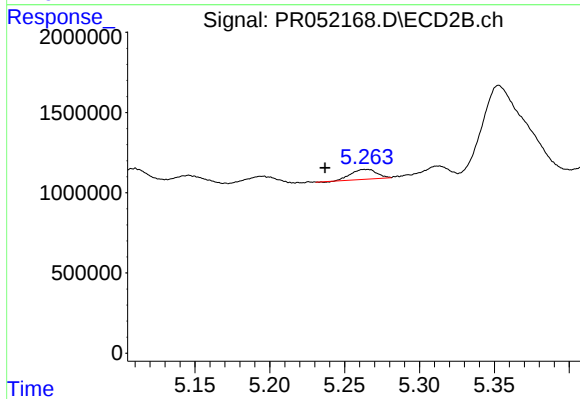
#18 AR-1242-3

R.T.: 5.110 min
Delta R.T.: -0.043 min
Response: 865078
Conc: 9.78 ng/ml



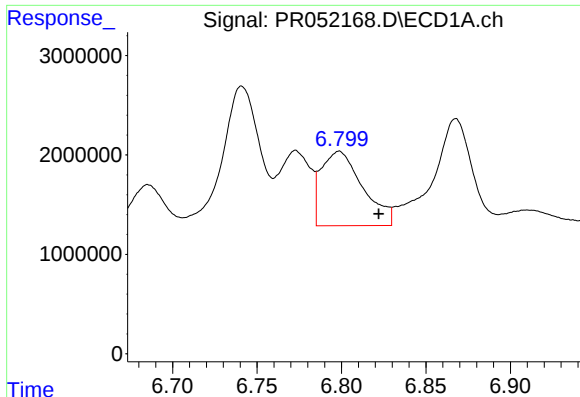
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.084 min
Response: 0
Conc: N.D.



#19 AR-1242-4

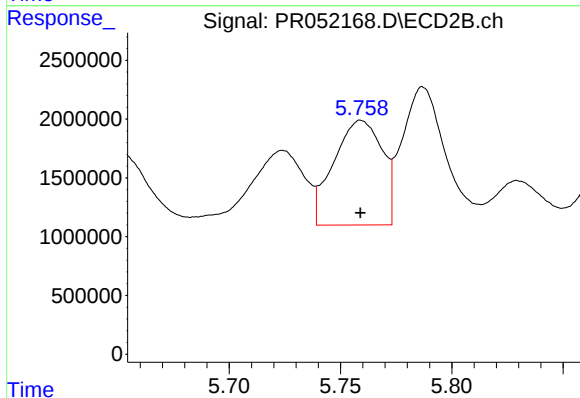
R.T.: 5.265 min
Delta R.T.: 0.029 min
Response: 734308
Conc: 8.51 ng/ml



#20 AR-1242-5

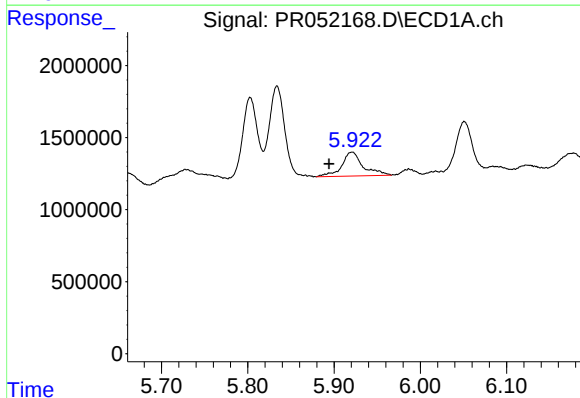
R.T.: 6.799 min
Delta R.T.: -0.023 min
Response: 12850219
Conc: 97.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



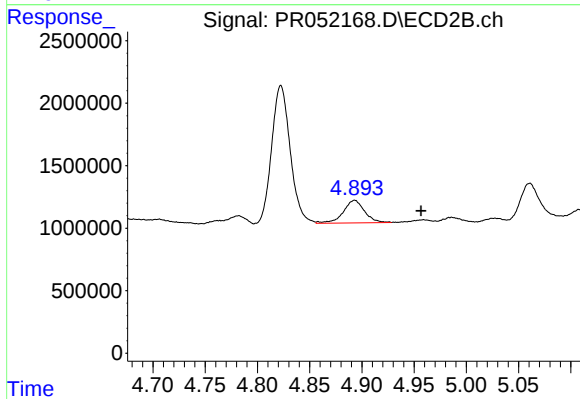
#20 AR-1242-5

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 13492533
Conc: 130.64 ng/ml



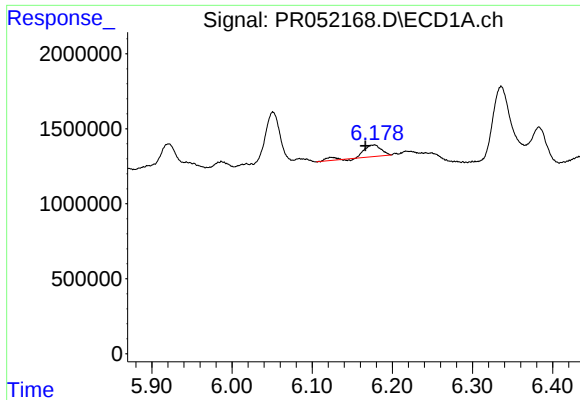
#21 AR-1248-1

R.T.: 5.921 min
Delta R.T.: 0.026 min
Response: 2849872
Conc: 21.95 ng/ml



#21 AR-1248-1

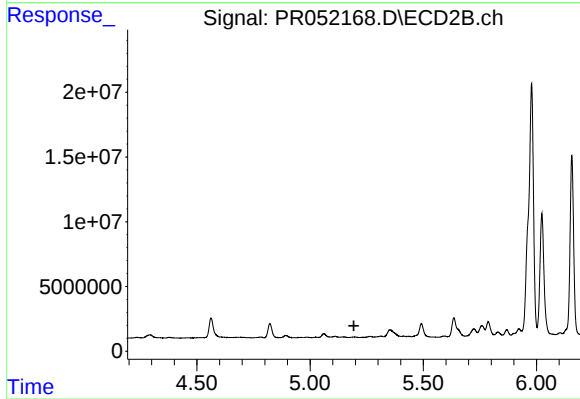
R.T.: 4.893 min
Delta R.T.: -0.063 min
Response: 2552581
Conc: 32.40 ng/ml



#22 AR-1248-2

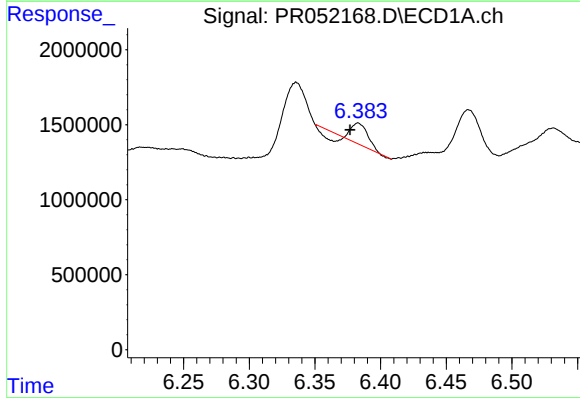
R.T.: 6.178 min
Delta R.T.: 0.011 min
Response: 1252569
Conc: 6.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



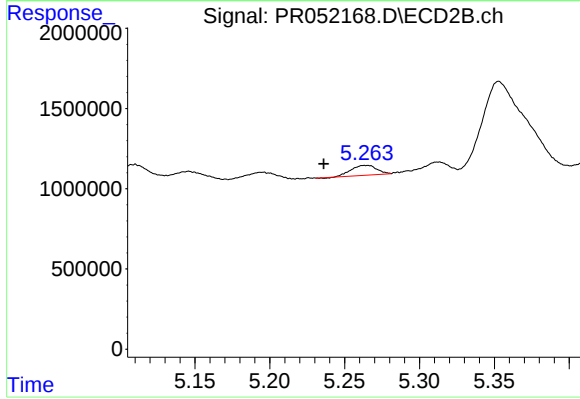
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.194 min
Response: 0
Conc: N.D.



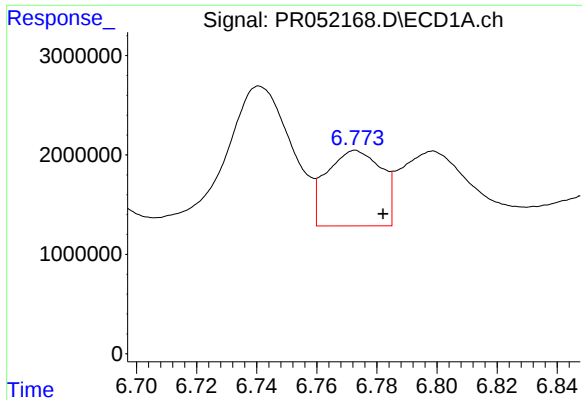
#23 AR-1248-3

R.T.: 6.383 min
Delta R.T.: 0.006 min
Response: 948495
Conc: 4.70 ng/ml



#23 AR-1248-3

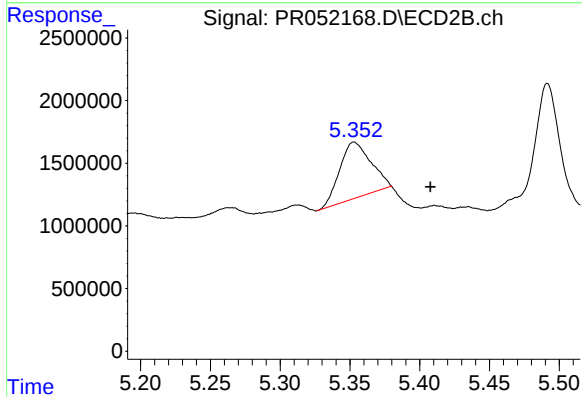
R.T.: 5.265 min
Delta R.T.: 0.029 min
Response: 734308
Conc: 5.78 ng/ml



#24 AR-1248-4

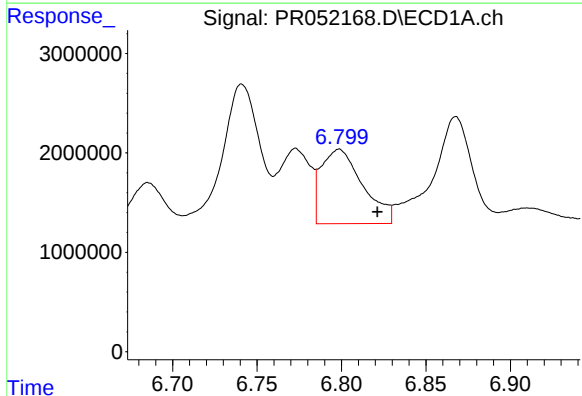
R.T.: 6.773 min
Delta R.T.: -0.009 min
Response: 9614213
Conc: 41.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



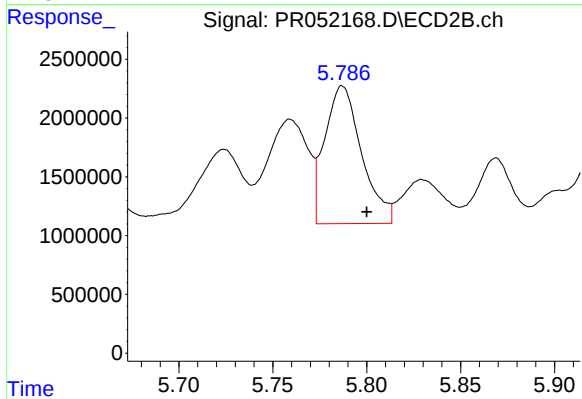
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: -0.055 min
Response: 7001019
Conc: 45.85 ng/ml



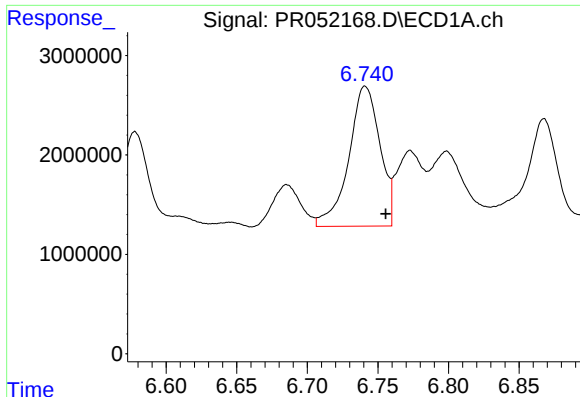
#25 AR-1248-5

R.T.: 6.799 min
Delta R.T.: -0.023 min
Response: 12850219
Conc: 57.52 ng/ml



#25 AR-1248-5

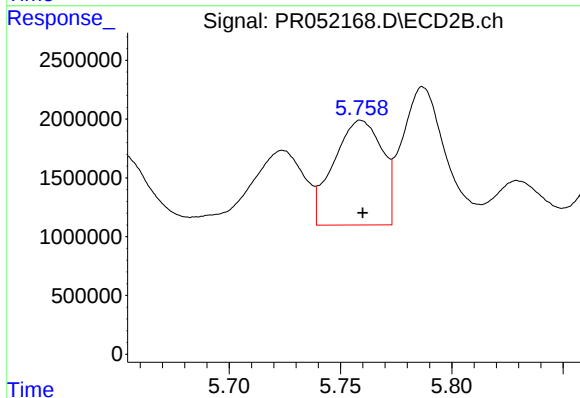
R.T.: 5.787 min
Delta R.T.: -0.013 min
Response: 16005726
Conc: 111.34 ng/ml



#26 AR-1254-1

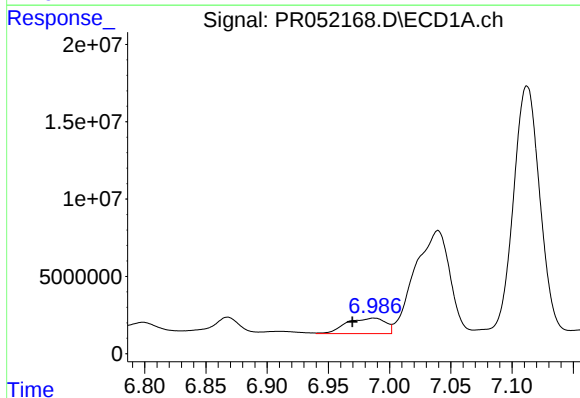
R.T.: 6.741 min
Delta R.T.: -0.015 min
Response: 21662978
Conc: 94.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



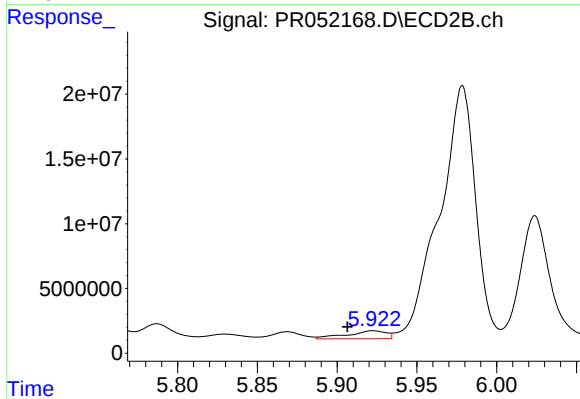
#26 AR-1254-1

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 13492533
Conc: 59.93 ng/ml



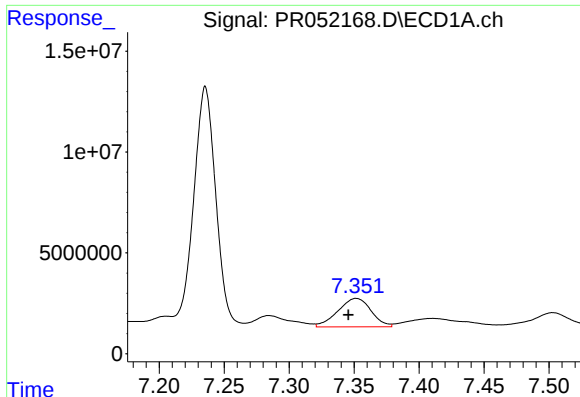
#27 AR-1254-2

R.T.: 6.987 min
Delta R.T.: 0.018 min
Response: 22286622
Conc: 63.04 ng/ml



#27 AR-1254-2

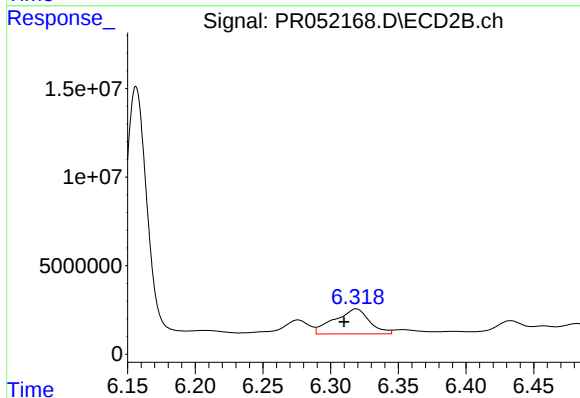
R.T.: 5.922 min
Delta R.T.: 0.016 min
Response: 10602230
Conc: 53.87 ng/ml



#28 AR-1254-3

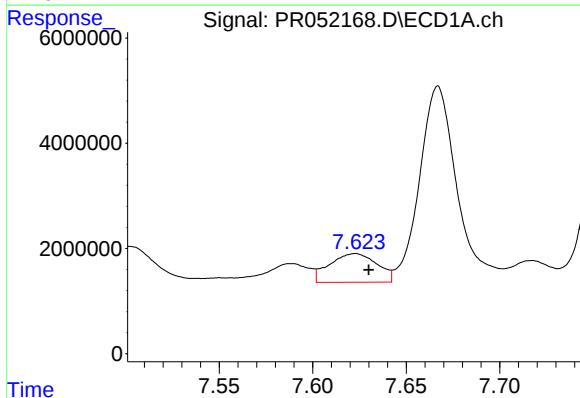
R.T.: 7.352 min
Delta R.T.: 0.006 min
Response: 25106955
Conc: 66.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



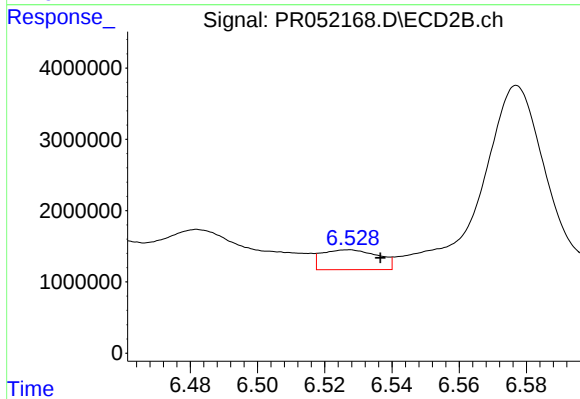
#28 AR-1254-3

R.T.: 6.319 min
Delta R.T.: 0.009 min
Response: 25396978
Conc: 76.15 ng/ml



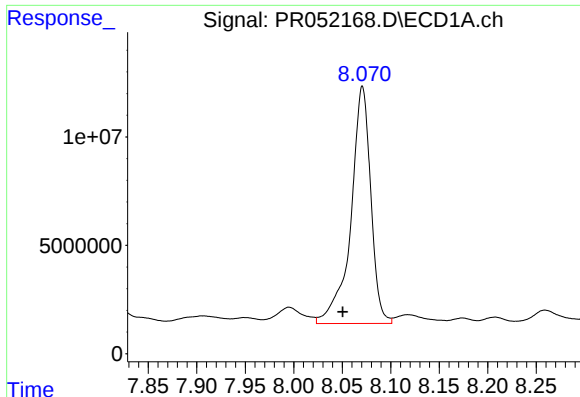
#29 AR-1254-4

R.T.: 7.623 min
Delta R.T.: -0.007 min
Response: 9620850
Conc: 34.10 ng/ml



#29 AR-1254-4

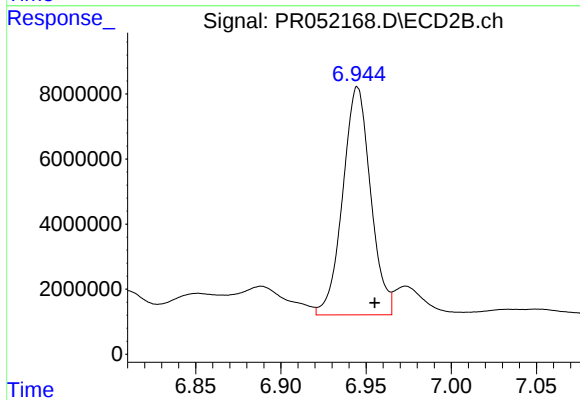
R.T.: 6.527 min
Delta R.T.: -0.010 min
Response: 3230111
Conc: 17.24 ng/ml



#30 AR-1254-5

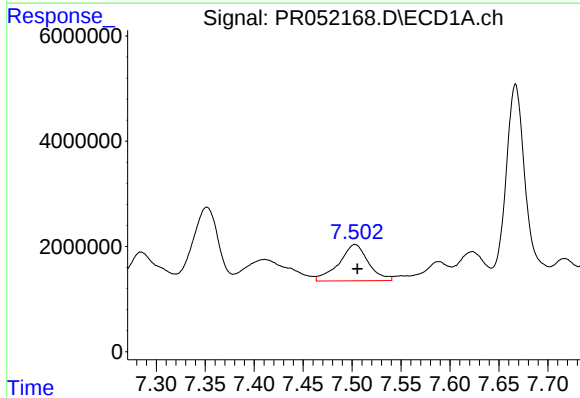
R.T.: 8.071 min
Delta R.T.: 0.020 min
Response: 156600783
Conc: 512.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



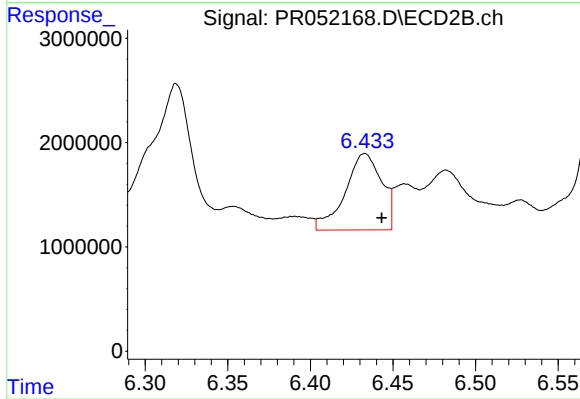
#30 AR-1254-5

R.T.: 6.945 min
Delta R.T.: -0.010 min
Response: 79788310
Conc: 281.28 ng/ml



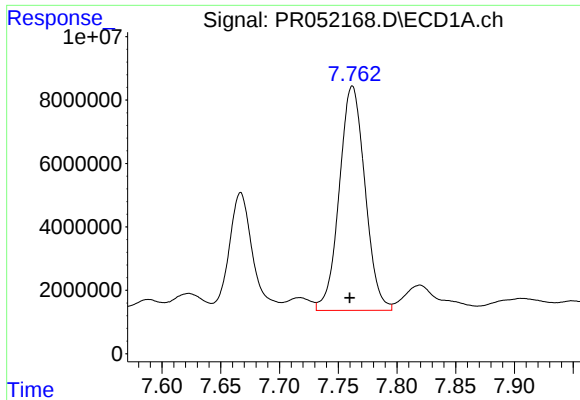
#31 AR-1260-1

R.T.: 7.503 min
Delta R.T.: -0.003 min
Response: 14417420
Conc: 62.76 ng/ml



#31 AR-1260-1

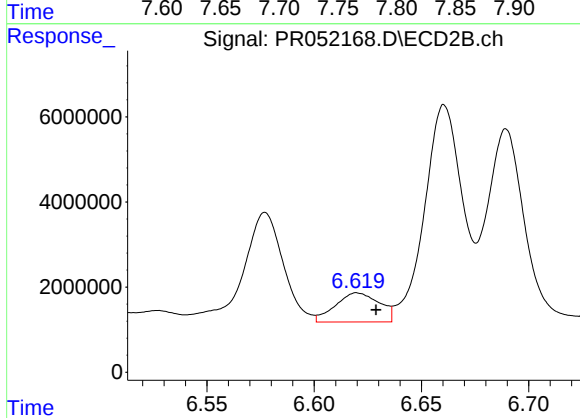
R.T.: 6.433 min
Delta R.T.: -0.010 min
Response: 11258178
Conc: 57.24 ng/ml



#32 AR-1260-2

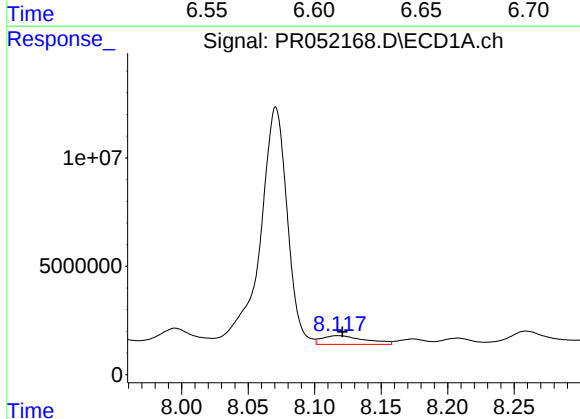
R.T.: 7.762 min
Delta R.T.: 0.002 min
Response: 107658418
Conc: 391.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



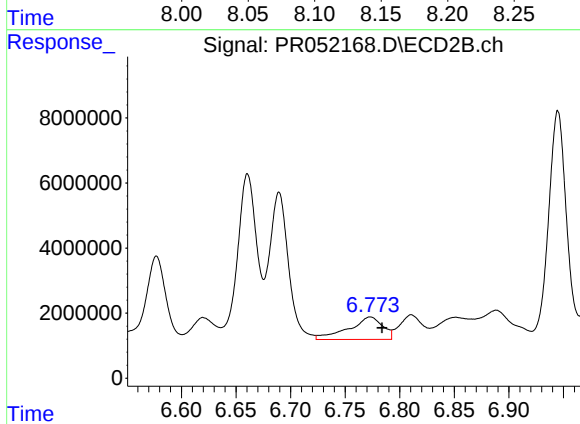
#32 AR-1260-2

R.T.: 6.620 min
Delta R.T.: -0.009 min
Response: 9785699
Conc: 42.84 ng/ml



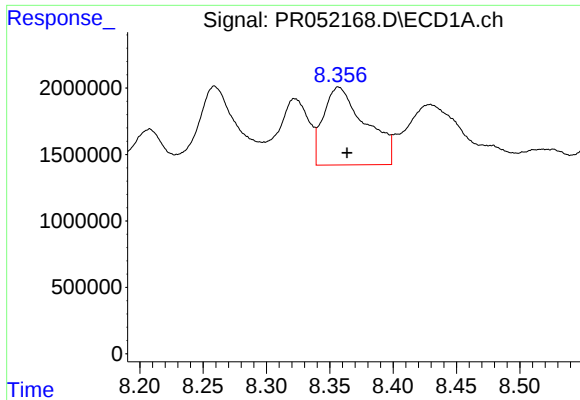
#33 AR-1260-3

R.T.: 8.117 min
Delta R.T.: -0.003 min
Response: 8984571
Conc: 42.76 ng/ml



#33 AR-1260-3

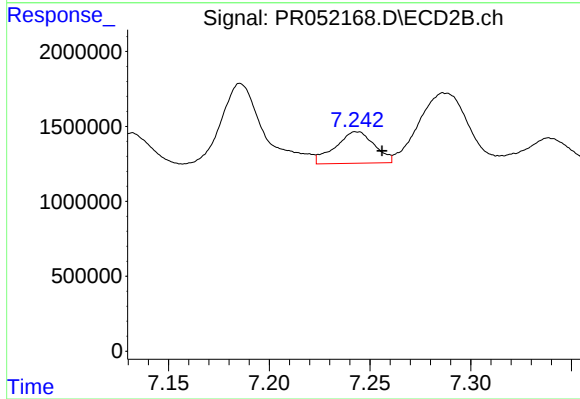
R.T.: 6.773 min
Delta R.T.: -0.011 min
Response: 14901490
Conc: 66.63 ng/ml



#34 AR-1260-4

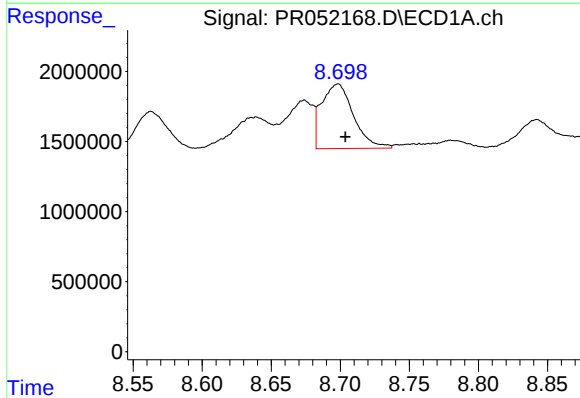
R.T.: 8.357 min
Delta R.T.: -0.007 min
Response: 13607069
Conc: 55.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



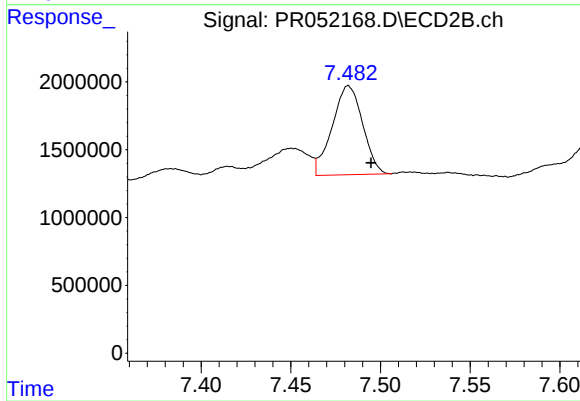
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: -0.013 min
Response: 2837591
Conc: 14.91 ng/ml



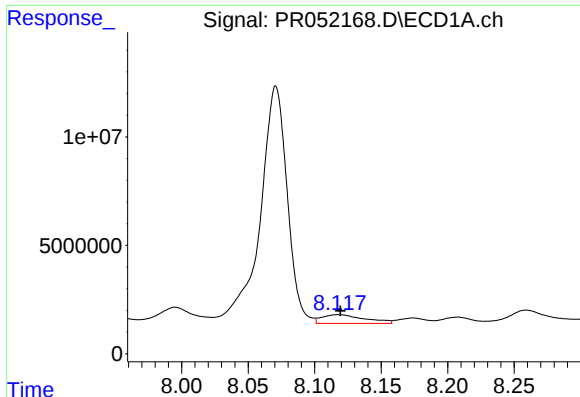
#35 AR-1260-5

R.T.: 8.698 min
Delta R.T.: -0.005 min
Response: 7401649
Conc: 14.80 ng/ml



#35 AR-1260-5

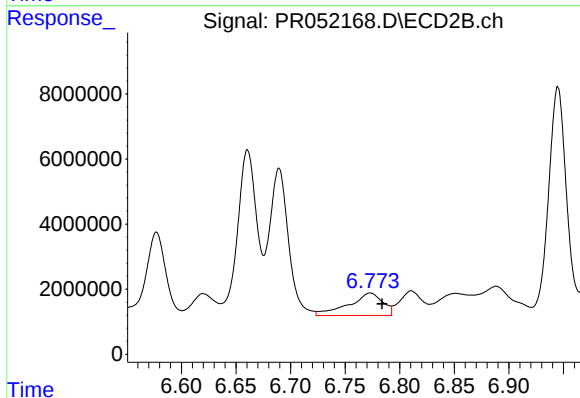
R.T.: 7.482 min
Delta R.T.: -0.013 min
Response: 7764396
Conc: 17.57 ng/ml



#36 AR-1262-1

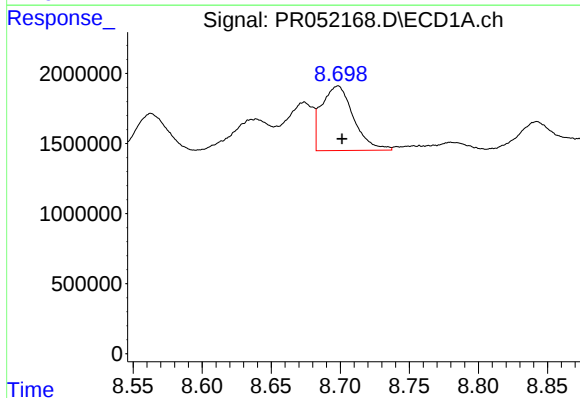
R.T.: 8.117 min
Delta R.T.: -0.002 min
Response: 8984571
Conc: 24.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



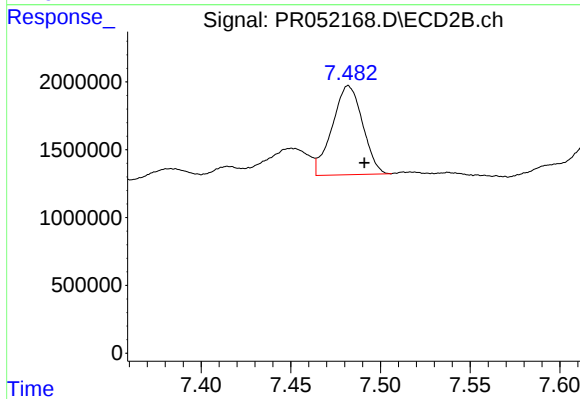
#36 AR-1262-1

R.T.: 6.773 min
Delta R.T.: -0.011 min
Response: 14901490
Conc: 70.05 ng/ml



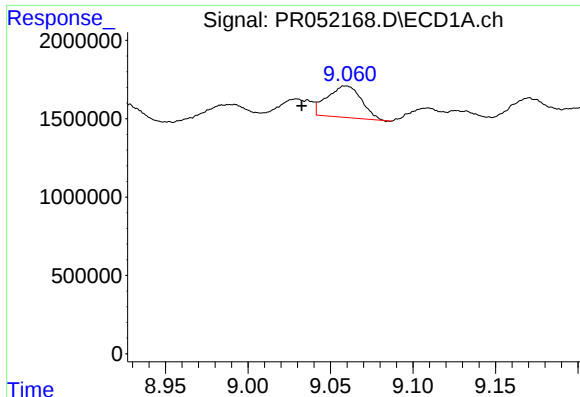
#37 AR-1262-2

R.T.: 8.698 min
Delta R.T.: -0.003 min
Response: 7401649
Conc: 10.93 ng/ml



#37 AR-1262-2

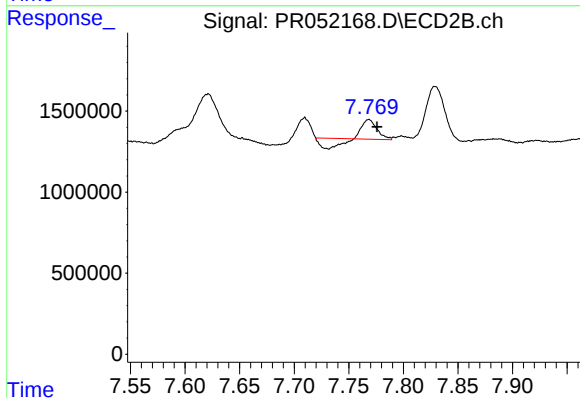
R.T.: 7.482 min
Delta R.T.: -0.009 min
Response: 7764396
Conc: 14.19 ng/ml



#38 AR-1262-3

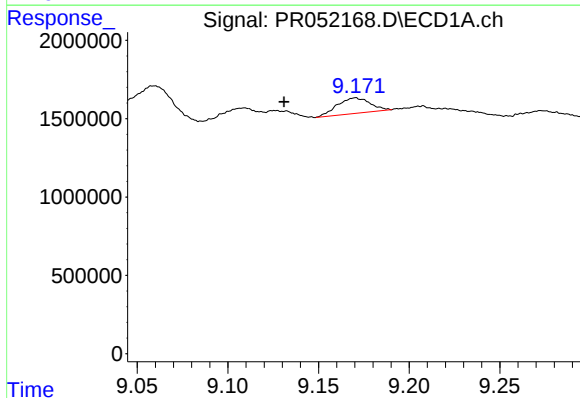
R.T.: 9.059 min
Delta R.T.: 0.027 min
Response: 2898508
Conc: 10.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



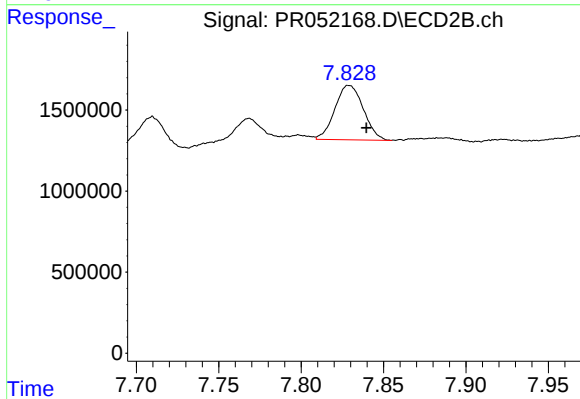
#38 AR-1262-3

R.T.: 7.768 min
Delta R.T.: -0.008 min
Response: 410702
Conc: 1.93 ng/ml



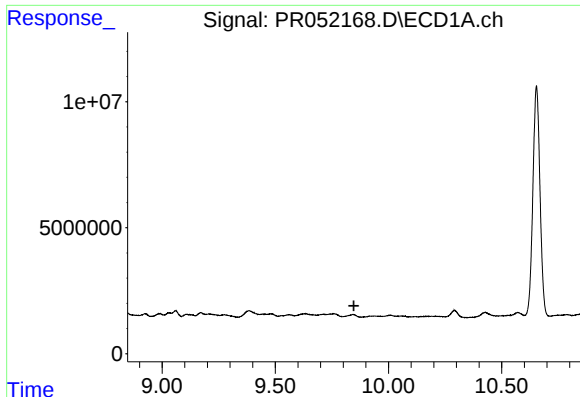
#39 AR-1262-4

R.T.: 9.170 min
Delta R.T.: 0.039 min
Response: 1257829
Conc: 7.30 ng/ml



#39 AR-1262-4

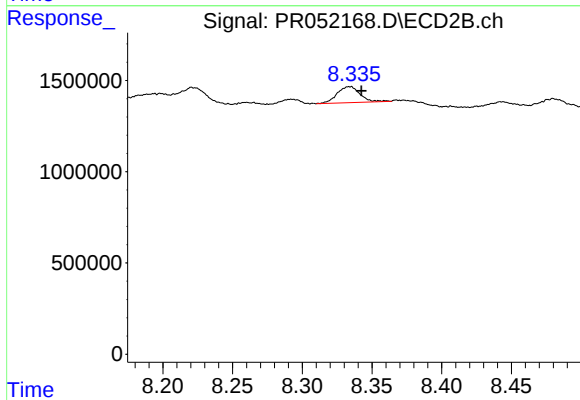
R.T.: 7.829 min
Delta R.T.: -0.011 min
Response: 4030521
Conc: 9.95 ng/ml



#40 AR-1262-5

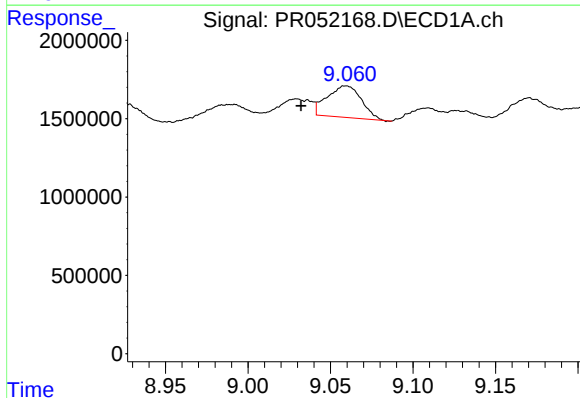
R.T.: 0.000 min
Exp R.T.: 9.847 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



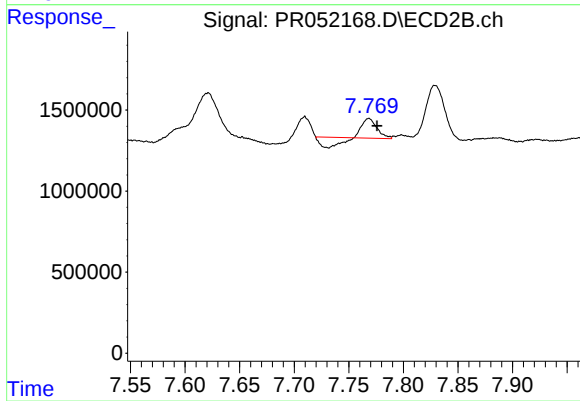
#40 AR-1262-5

R.T.: 8.334 min
Delta R.T.: -0.009 min
Response: 1009277
Conc: 5.54 ng/ml



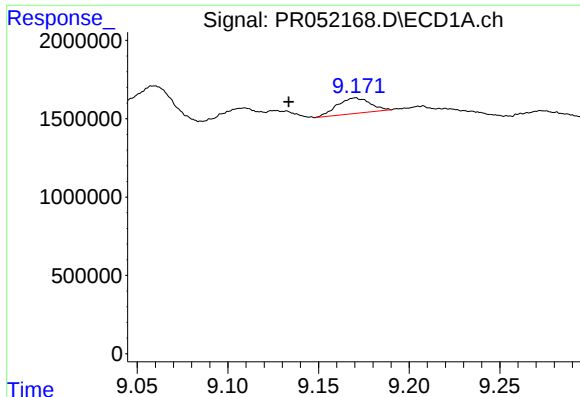
#41 AR-1268-1

R.T.: 9.059 min
Delta R.T.: 0.027 min
Response: 2898508
Conc: 3.71 ng/ml



#41 AR-1268-1

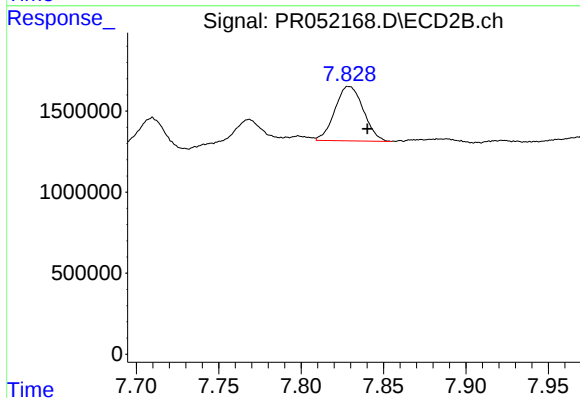
R.T.: 7.768 min
Delta R.T.: -0.008 min
Response: 410702
Conc: 0.65 ng/ml



#42 AR-1268-2

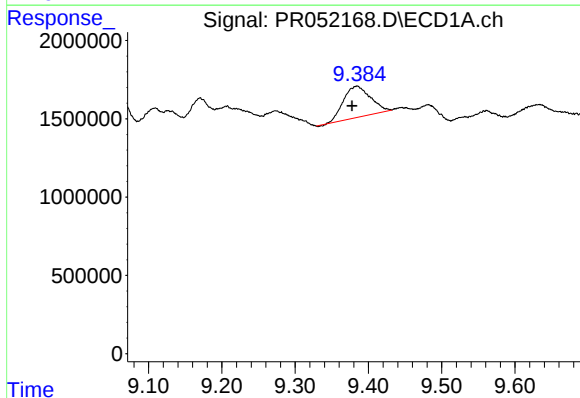
R.T.: 9.170 min
Delta R.T.: 0.037 min
Response: 1257829
Conc: 1.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



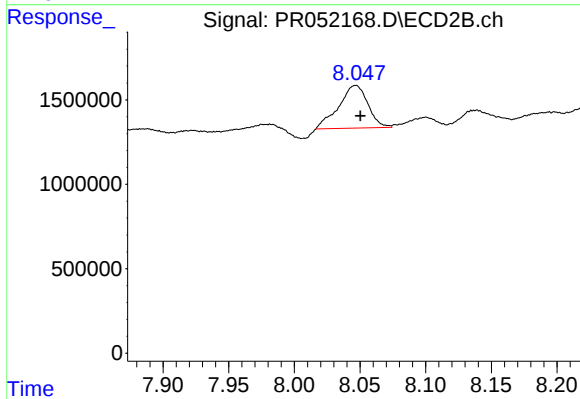
#42 AR-1268-2

R.T.: 7.829 min
Delta R.T.: -0.011 min
Response: 4030521
Conc: 6.81 ng/ml



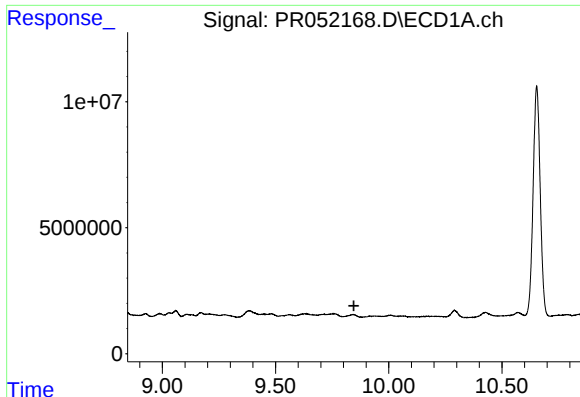
#43 AR-1268-3

R.T.: 9.385 min
Delta R.T.: 0.007 min
Response: 5080823
Conc: 8.48 ng/ml



#43 AR-1268-3

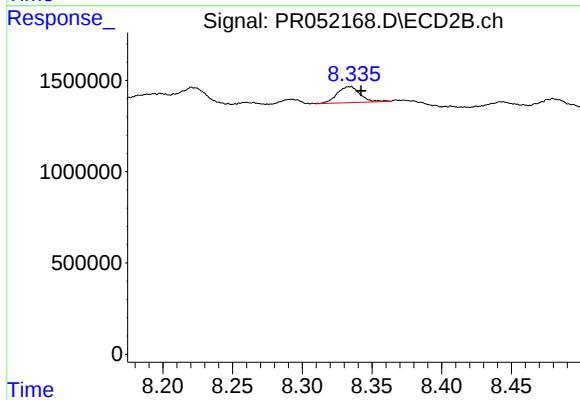
R.T.: 8.047 min
Delta R.T.: -0.004 min
Response: 3919049
Conc: 7.63 ng/ml



#44 AR-1268-4

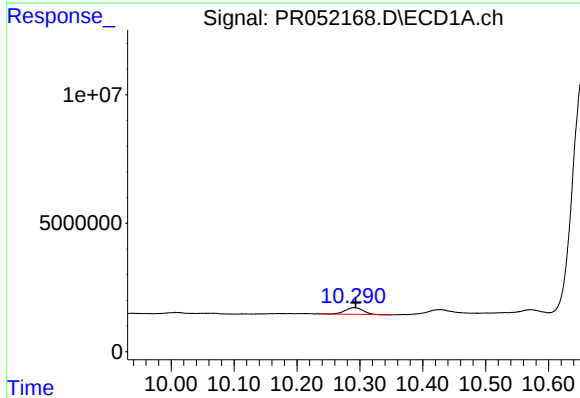
R.T.: 0.000 min
Exp R.T.: 9.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



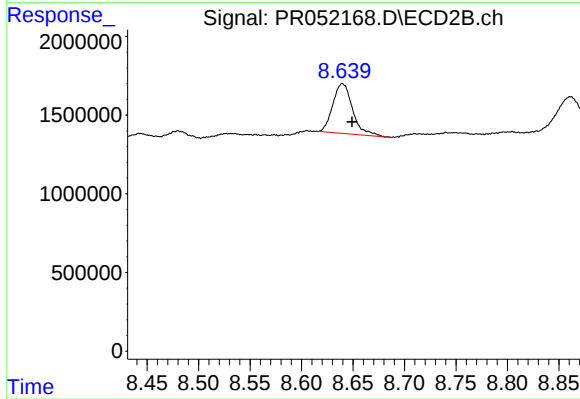
#44 AR-1268-4

R.T.: 8.334 min
Delta R.T.: -0.008 min
Response: 1009277
Conc: 5.13 ng/ml



#45 AR-1268-5

R.T.: 10.290 min
Delta R.T.: -0.003 min
Response: 5282686
Conc: 2.60 ng/ml



#45 AR-1268-5

R.T.: 8.640 min
Delta R.T.: -0.009 min
Response: 4221557
Conc: 2.61 ng/ml