

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072319\
 Data File : PR039644.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2019 21:13
 Operator : SM\AJ
 Sample : K3940-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 D-7-22-19

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 02:32:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.756	4.602	70194454	292.8E6	29.248	29.211
2)	SA Decachlor...	8.694	10.335	44925704	247.2E6	18.082	26.334 #
Target Compounds							
3)	L1 AR-1016-1	4.829	0.000	773554	0	8.799	N.D. #
4)	L1 AR-1016-2	4.845	0.000	844319	0	5.829	N.D. #
5)	L1 AR-1016-3	5.063	0.000	704786	0	10.147	N.D. #
6)	L1 AR-1016-4	5.063	0.000	704786	0	12.520	N.D. #
7)	L1 AR-1016-5	5.271	0.000	1832293	0	24.430	N.D. #
8)	L2 AR-1221-1	0.000	4.763	0	11042892	N.D.	88.352 #
9)	L2 AR-1221-2	4.052	4.907	2131845	18819840	87.619	201.362 #
10)	L2 AR-1221-3	4.123	4.983	3674870	9285998	46.922	30.404 #
11)	L3 AR-1232-1	4.123	4.983	3674870	9285998	47.023	31.936 #
12)	L3 AR-1232-2	4.845	0.000	844319	0	8.982	N.D. #
13)	L3 AR-1232-3	5.063	0.000	704786	0	16.672	N.D. #
14)	L3 AR-1232-4	5.103	0.000	1014600	0	25.492	N.D. #
15)	L3 AR-1232-5	5.271	0.000	1832293	0	43.296	N.D. #
16)	L4 AR-1242-1	4.829	0.000	773554	0	8.473	N.D. #
17)	L4 AR-1242-2	4.845	0.000	844319	0	5.891	N.D. #
18)	L4 AR-1242-3	5.063	0.000	704786	0	9.972	N.D. #
19)	L4 AR-1242-4	5.103	0.000	1014600	0	14.505	N.D. #
21)	L5 AR-1248-1	4.829	0.000	773554	0	10.690	N.D. #
22)	L5 AR-1248-2	5.063	0.000	704786	0	9.009	N.D. #
23)	L5 AR-1248-3	5.103	0.000	1014600	0	9.501	N.D. #
24)	L5 AR-1248-4	5.271	0.000	1832293	0	13.840	N.D. #
25)	L5 AR-1248-5	5.700	0.000	78781	0	0.544	N.D. #
27)	L6 AR-1254-2	5.700	0.000	78781	0	0.602	N.D. #
28)	L6 AR-1254-3	6.123	0.000	1886996	0	8.446	N.D. #
29)	L6 AR-1254-4	6.384	0.000	1729121	0	11.891	N.D. #
30)	L6 AR-1254-5	6.802	0.000	6227955	0	32.707	N.D. #
31)	L7 AR-1260-1	6.284	0.000	2672968	0	18.342	N.D. #
32)	L7 AR-1260-2	6.455	0.000	4757534	0	25.840	N.D. #
33)	L7 AR-1260-3	6.586	0.000	2724949	0	16.448	N.D. #
34)	L7 AR-1260-4	7.109	0.000	1678239	0	12.073	N.D. #
35)	L7 AR-1260-5	7.323	0.000	1944654	0	5.637	N.D. #
36)	L8 AR-1262-1	6.945	0.000	3815304	0	25.985	N.D. #
37)	L8 AR-1262-2	7.323	0.000	1944654	0	2.877	N.D. #
38)	L8 AR-1262-3	7.664	0.000	4375092	0	18.418	N.D. #
39)	L8 AR-1262-4	7.664	0.000	4375092	0	9.448	N.D. #
40)	L8 AR-1262-5	8.183	0.000	1753633	0	9.019	N.D. #
41)	L9 AR-1268-1	7.664	0.000	4375092	0	5.707	N.D. #
42)	L9 AR-1268-2	7.664	0.000	4375092	0	6.232	N.D. #
43)	L9 AR-1268-3	7.867	0.000	1954975	0	3.518	N.D. #
44)	L9 AR-1268-4	8.183	0.000	1753633	0	7.612	N.D. #

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Instrument :
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D-7-22-19

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 02:32:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 22 14:03:19 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.441	9.996	2141900	25652261	1.257	4.385 #

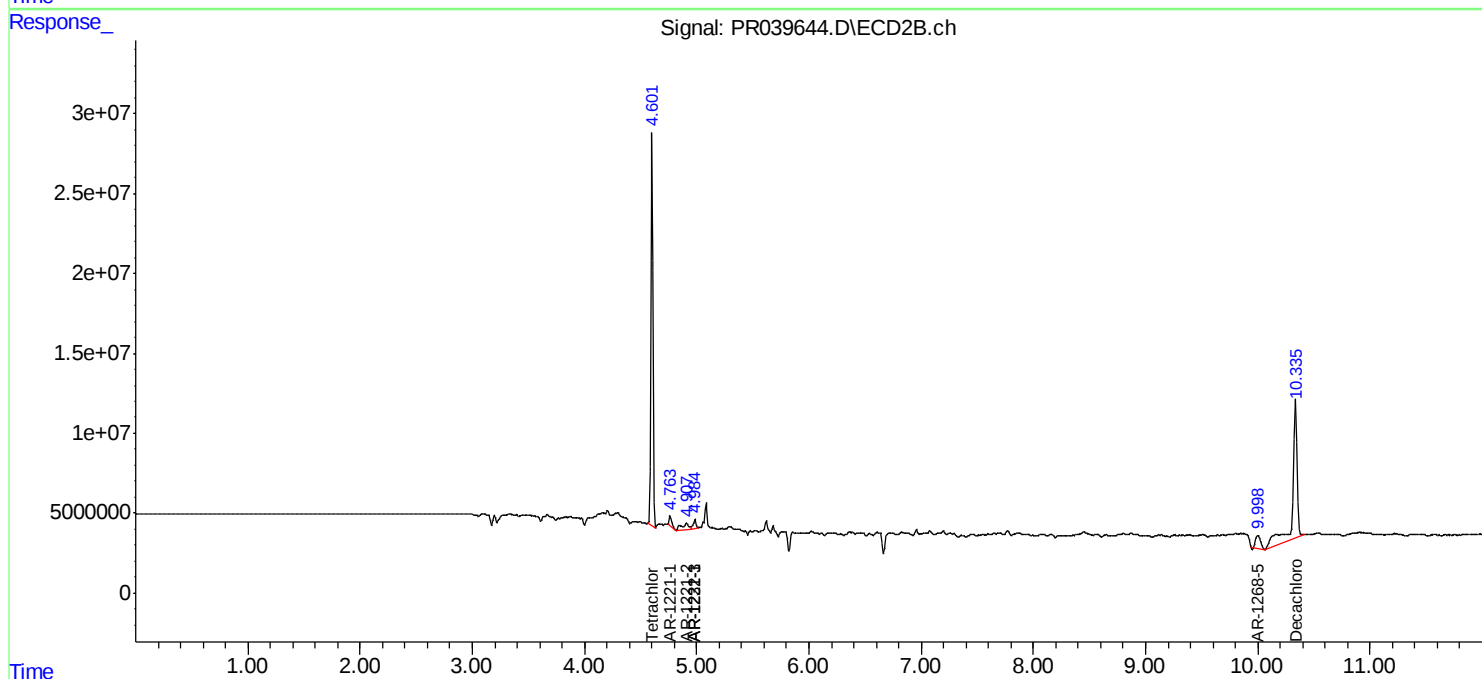
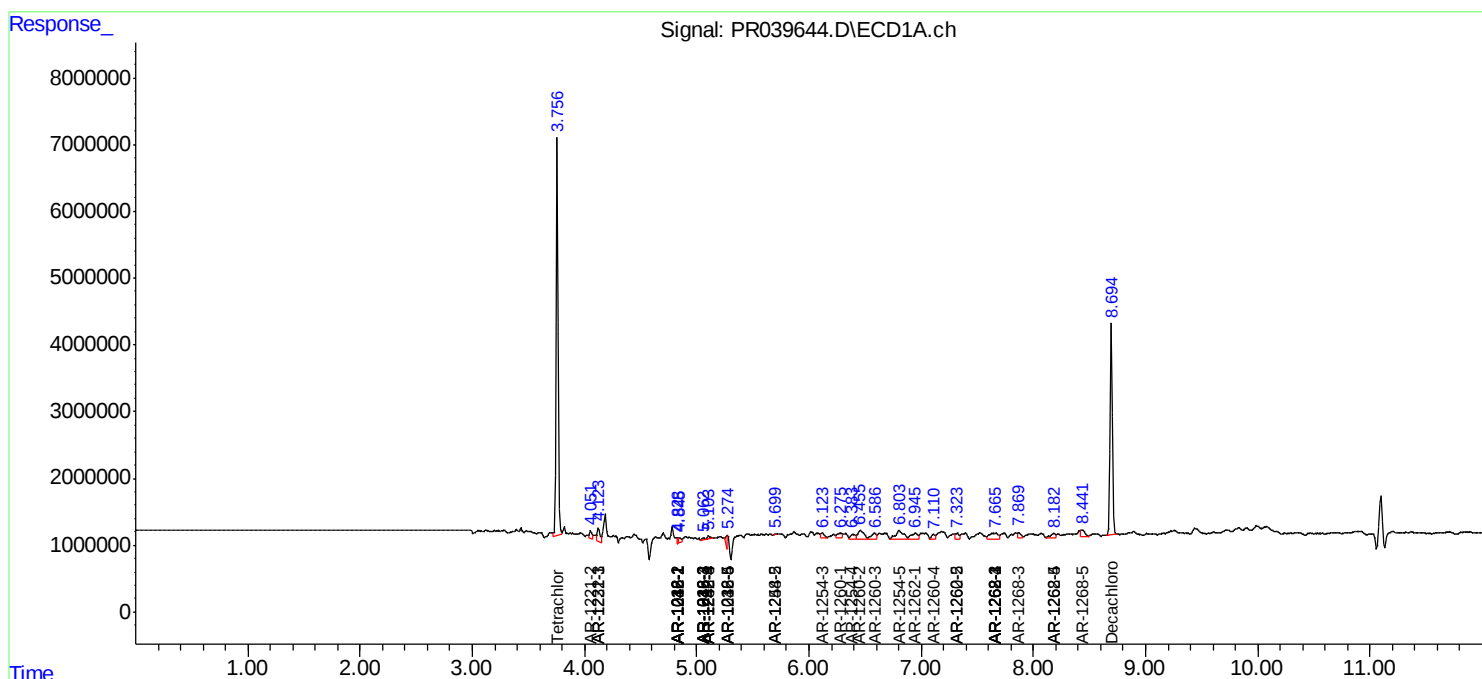
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

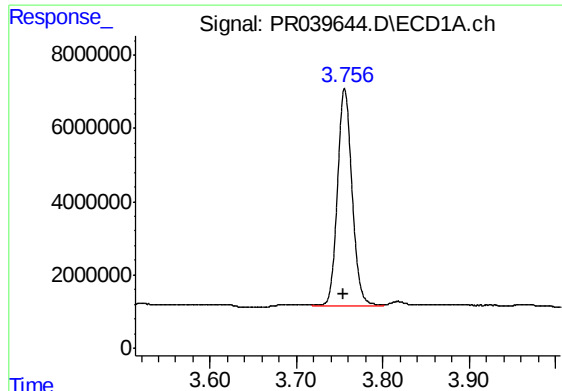
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072319\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

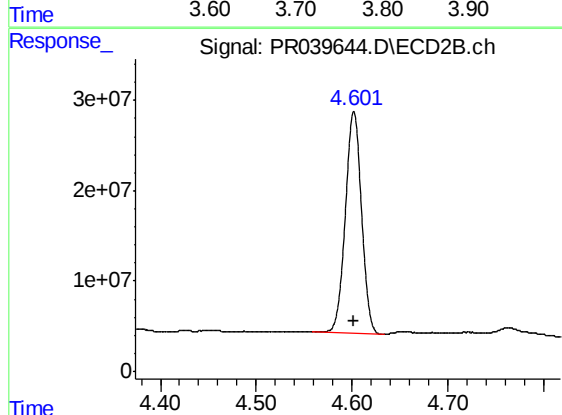




#1 Tetrachloro-m-xylene

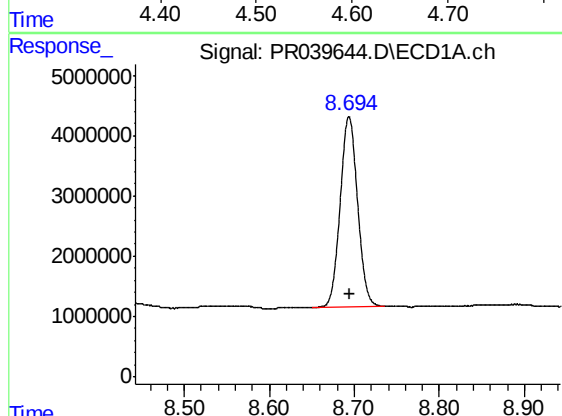
R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 70194454
Conc: 29.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



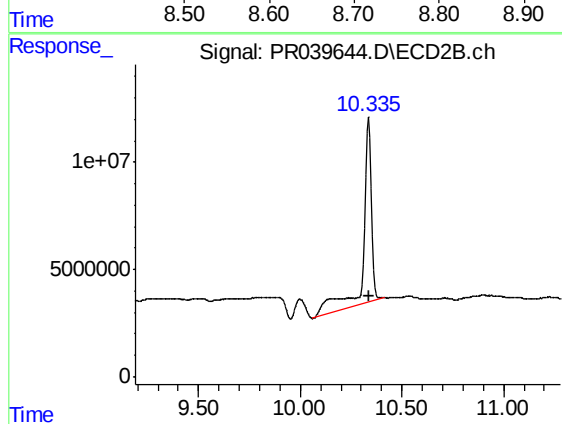
#1 Tetrachloro-m-xylene

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 292819547
Conc: 29.21 ng/ml



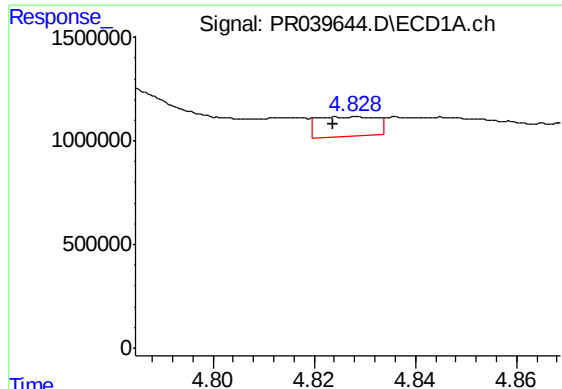
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 44925704
Conc: 18.08 ng/ml



#2 Decachlorobiphenyl

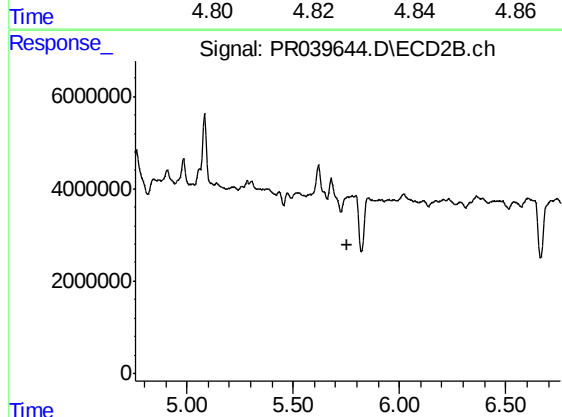
R.T.: 10.335 min
Delta R.T.: 0.000 min
Response: 247214521
Conc: 26.33 ng/ml



#3 AR-1016-1

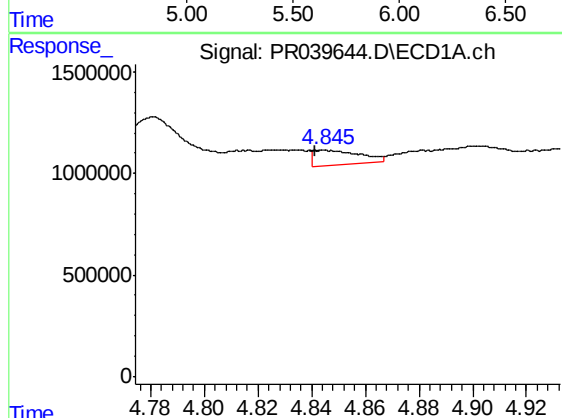
R.T.: 4.829 min
Delta R.T.: 0.005 min
Response: 773554
Conc: 8.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



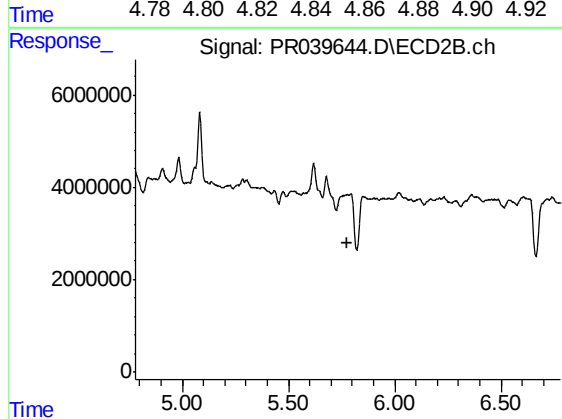
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



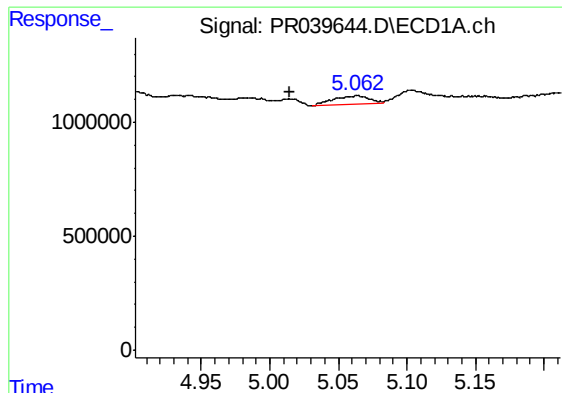
#4 AR-1016-2

R.T.: 4.845 min
Delta R.T.: 0.003 min
Response: 844319
Conc: 5.83 ng/ml



#4 AR-1016-2

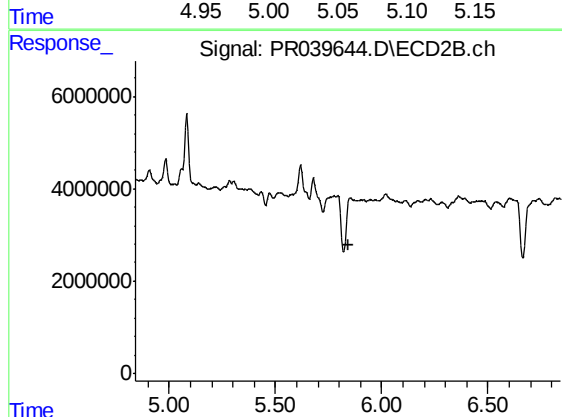
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#5 AR-1016-3

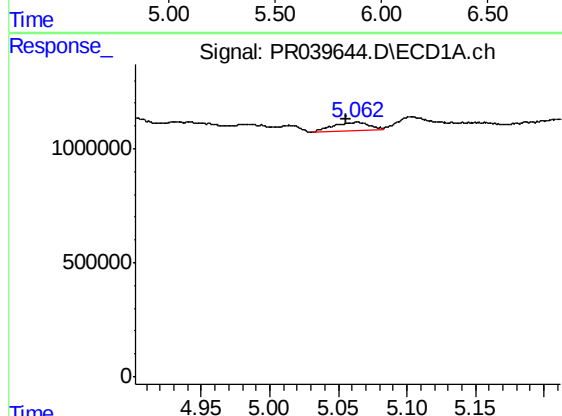
R.T.: 5.063 min
Delta R.T.: 0.049 min
Response: 704786
Conc: 10.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



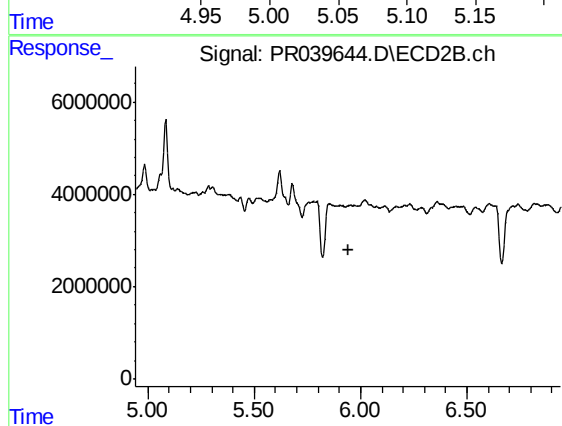
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



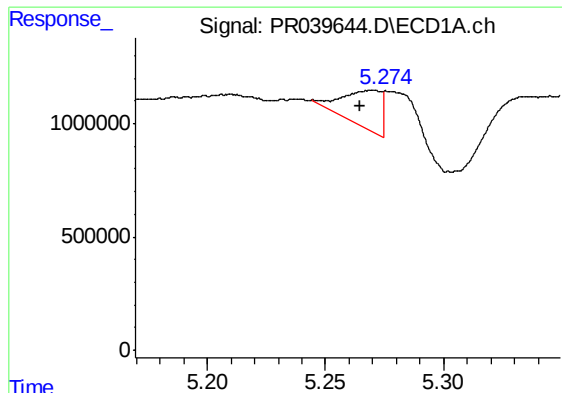
#6 AR-1016-4

R.T.: 5.063 min
Delta R.T.: 0.008 min
Response: 704786
Conc: 12.52 ng/ml



#6 AR-1016-4

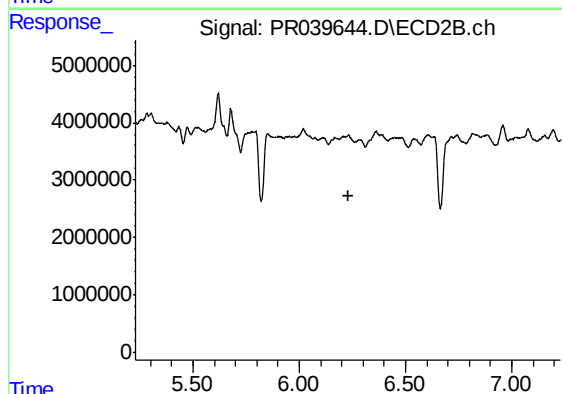
R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#7 AR-1016-5

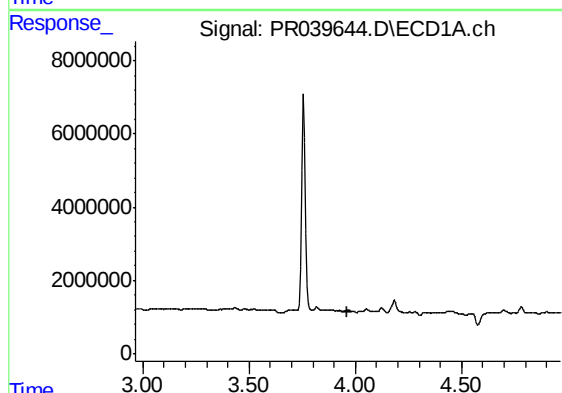
R.T.: 5.271 min
Delta R.T.: 0.006 min
Response: 1832293
Conc: 24.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



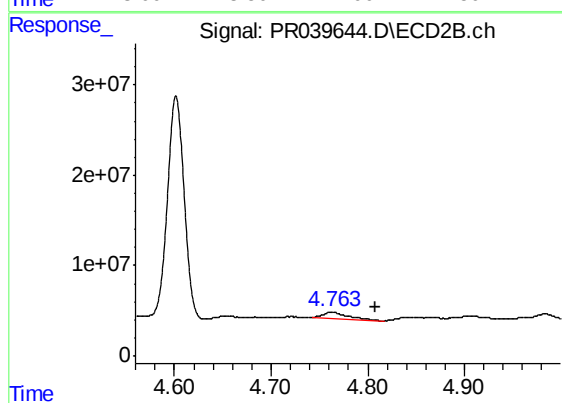
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.229 min
Response: 0
Conc: N.D.



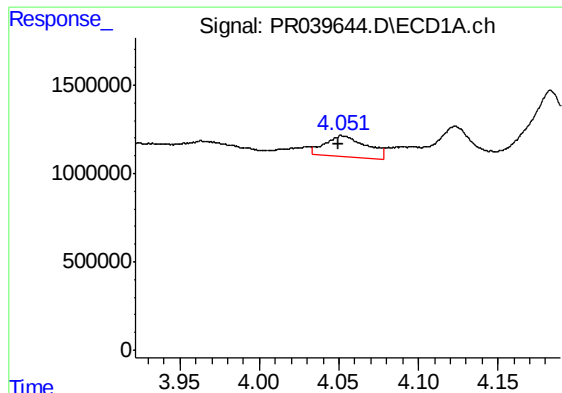
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.965 min
Response: 0
Conc: N.D.



#8 AR-1221-1

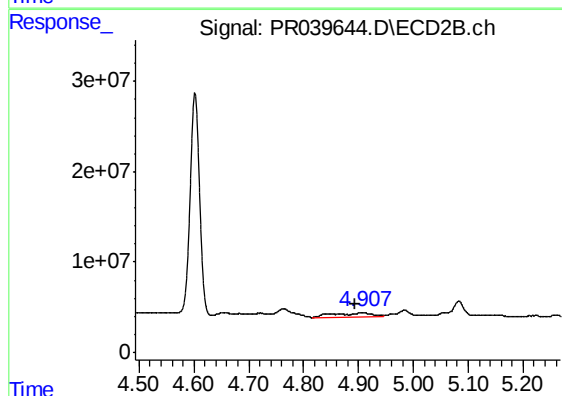
R.T.: 4.763 min
Delta R.T.: -0.045 min
Response: 11042892
Conc: 88.35 ng/ml



#9 AR-1221-2

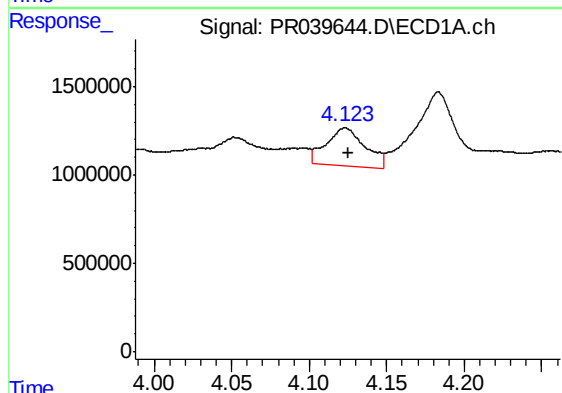
R.T.: 4.052 min
Delta R.T.: 0.002 min
Response: 2131845
Conc: 87.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



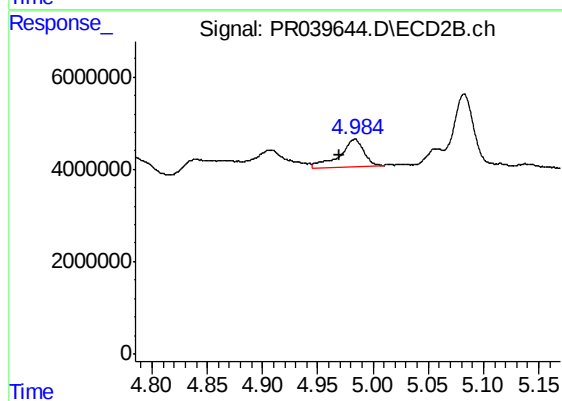
#9 AR-1221-2

R.T.: 4.907 min
Delta R.T.: 0.014 min
Response: 18819840
Conc: 201.36 ng/ml



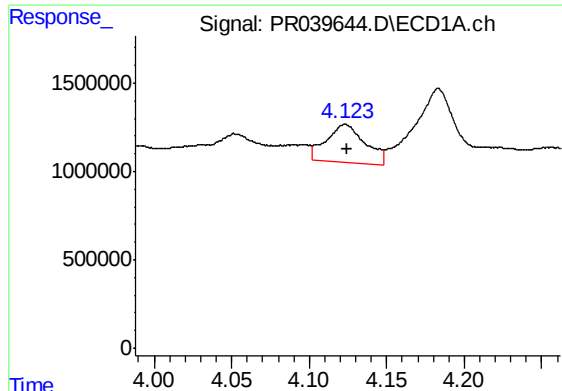
#10 AR-1221-3

R.T.: 4.123 min
Delta R.T.: -0.002 min
Response: 3674870
Conc: 46.92 ng/ml



#10 AR-1221-3

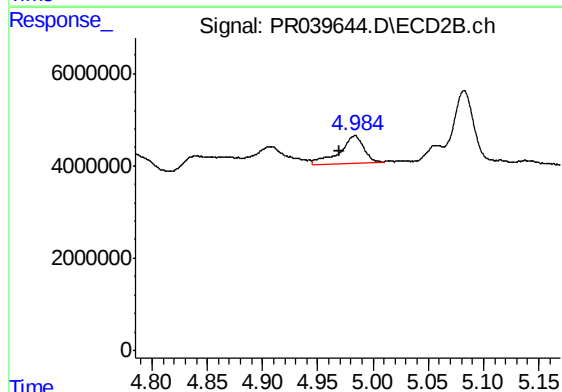
R.T.: 4.983 min
Delta R.T.: 0.014 min
Response: 9285998
Conc: 30.40 ng/ml



#11 AR-1232-1

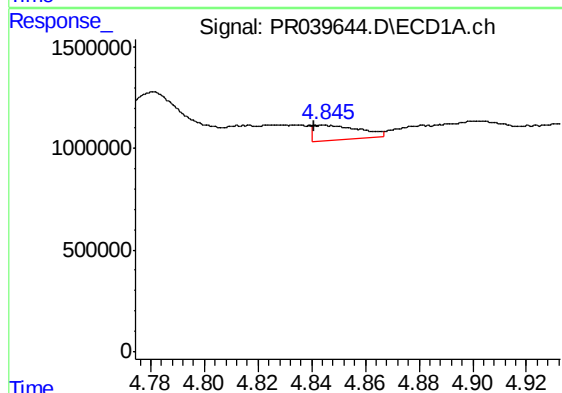
R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 3674870
Conc: 47.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



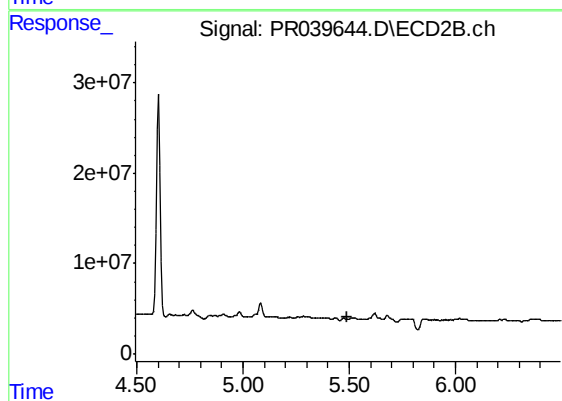
#11 AR-1232-1

R.T.: 4.983 min
Delta R.T.: 0.013 min
Response: 9285998
Conc: 31.94 ng/ml



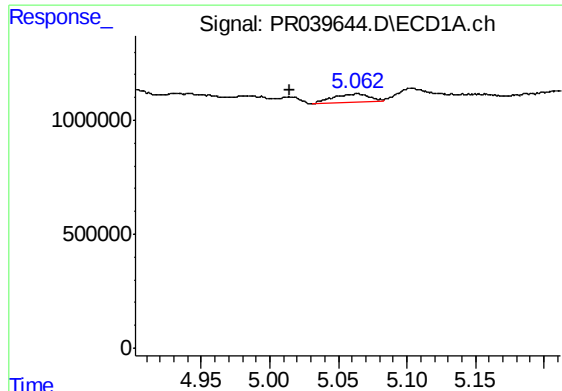
#12 AR-1232-2

R.T.: 4.845 min
Delta R.T.: 0.004 min
Response: 844319
Conc: 8.98 ng/ml



#12 AR-1232-2

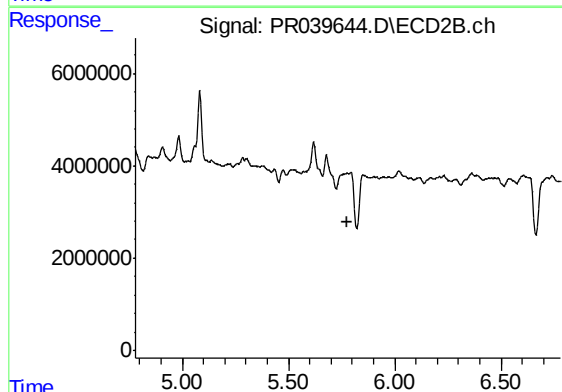
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#13 AR-1232-3

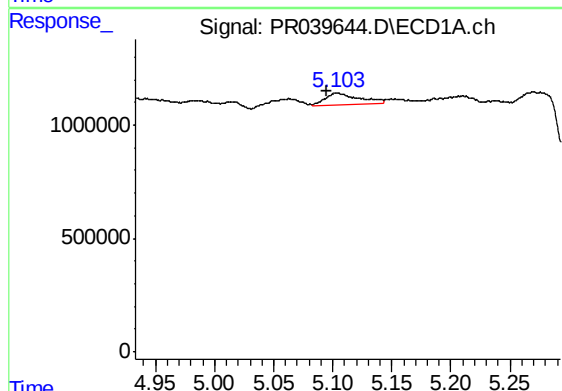
R.T.: 5.063 min
Delta R.T.: 0.049 min
Response: 704786
Conc: 16.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



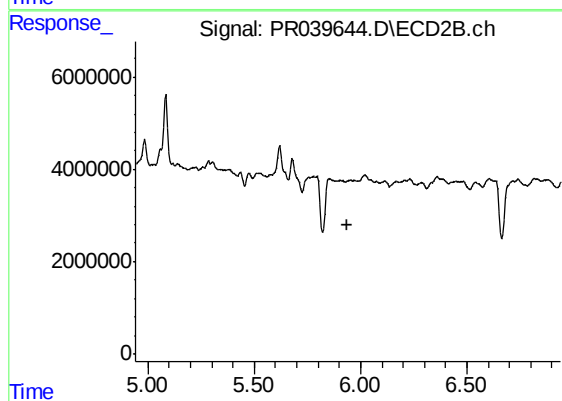
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



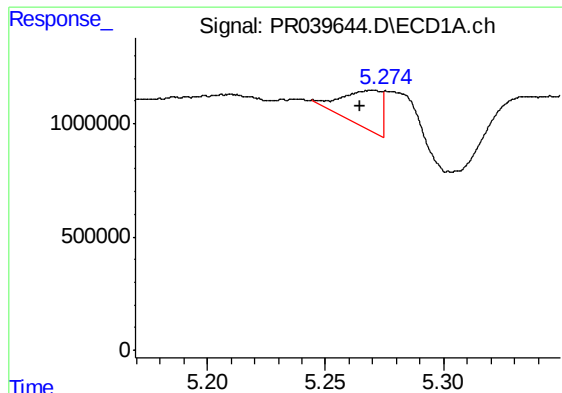
#14 AR-1232-4

R.T.: 5.103 min
Delta R.T.: 0.008 min
Response: 1014600
Conc: 25.49 ng/ml



#14 AR-1232-4

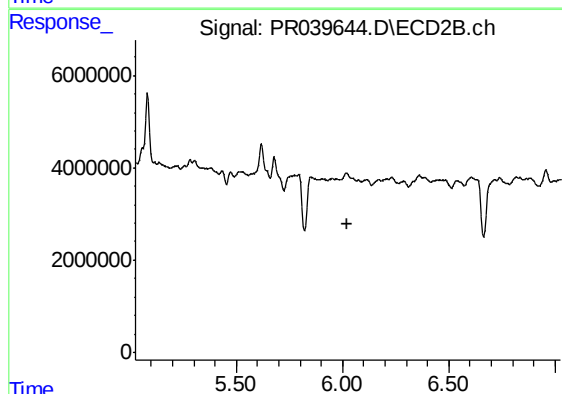
R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



#15 AR-1232-5

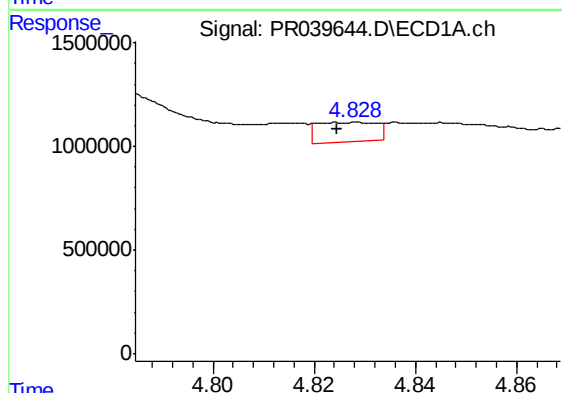
R.T.: 5.271 min
Delta R.T.: 0.006 min
Response: 1832293
Conc: 43.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



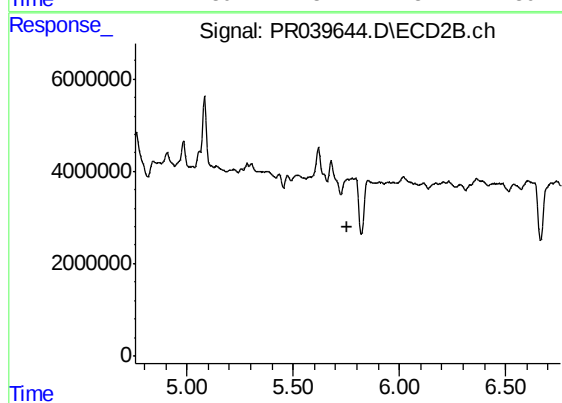
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



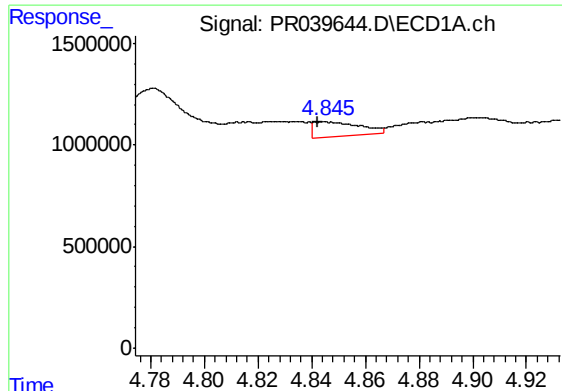
#16 AR-1242-1

R.T.: 4.829 min
Delta R.T.: 0.004 min
Response: 773554
Conc: 8.47 ng/ml



#16 AR-1242-1

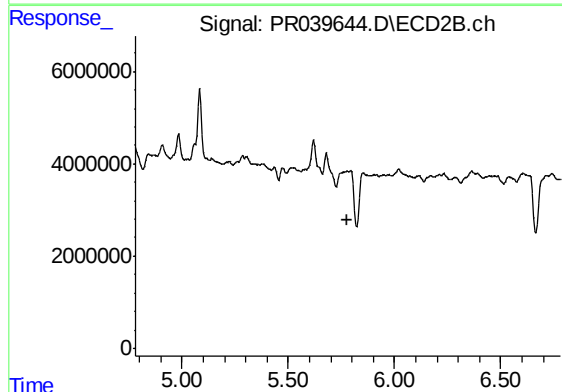
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#17 AR-1242-2

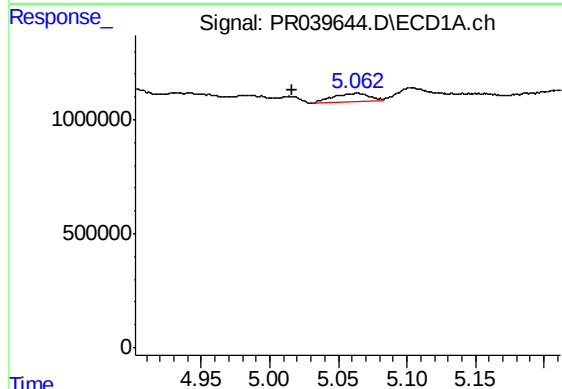
R.T.: 4.845 min
Delta R.T.: 0.002 min
Response: 844319
Conc: 5.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



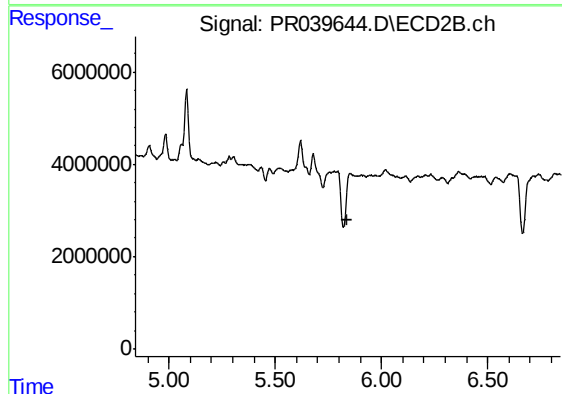
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



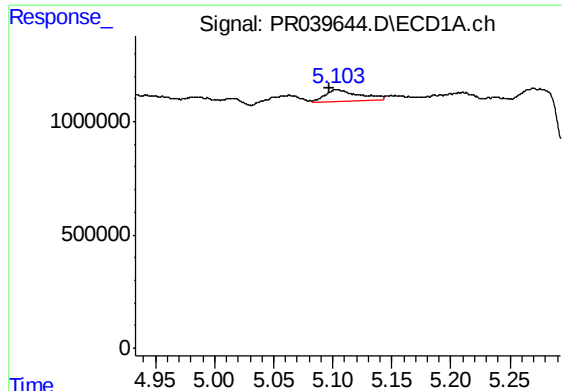
#18 AR-1242-3

R.T.: 5.063 min
Delta R.T.: 0.047 min
Response: 704786
Conc: 9.97 ng/ml



#18 AR-1242-3

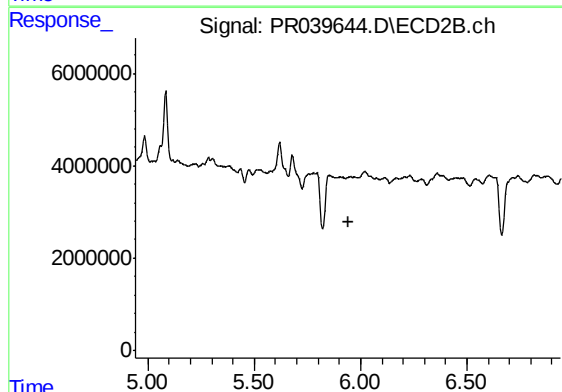
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



#19 AR-1242-4

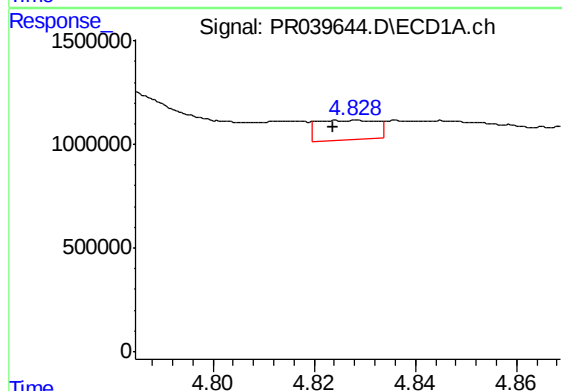
R.T.: 5.103 min
Delta R.T.: 0.006 min
Response: 1014600
Conc: 14.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



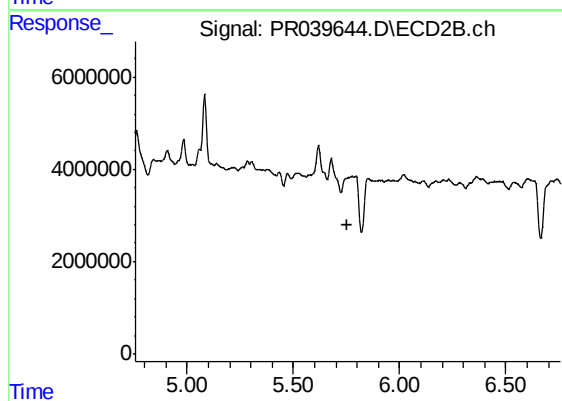
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



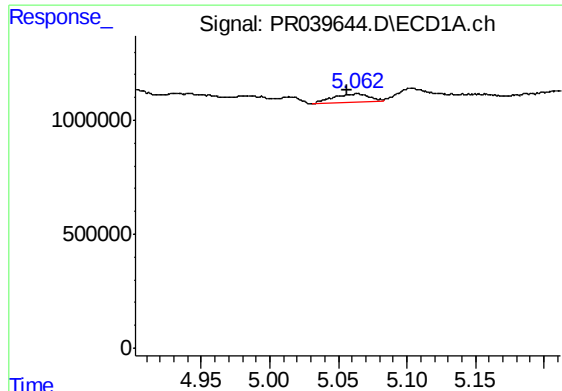
#21 AR-1248-1

R.T.: 4.829 min
Delta R.T.: 0.005 min
Response: 773554
Conc: 10.69 ng/ml



#21 AR-1248-1

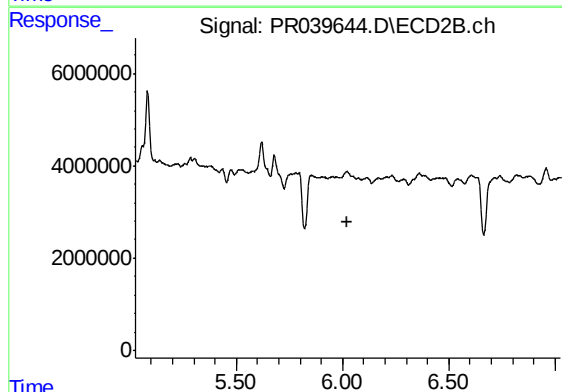
R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



#22 AR-1248-2

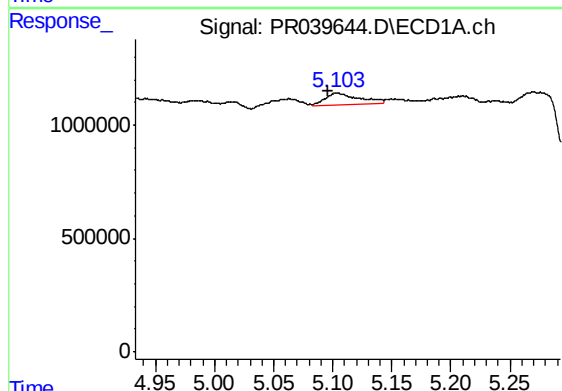
R.T.: 5.063 min
Delta R.T.: 0.007 min
Response: 704786
Conc: 9.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



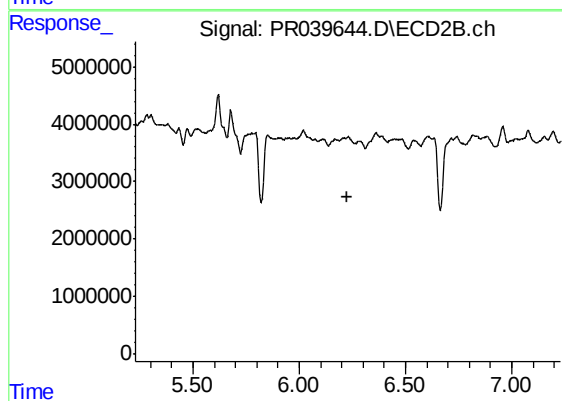
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



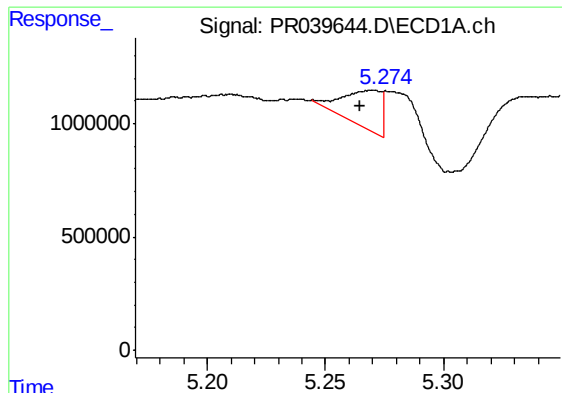
#23 AR-1248-3

R.T.: 5.103 min
Delta R.T.: 0.007 min
Response: 1014600
Conc: 9.50 ng/ml



#23 AR-1248-3

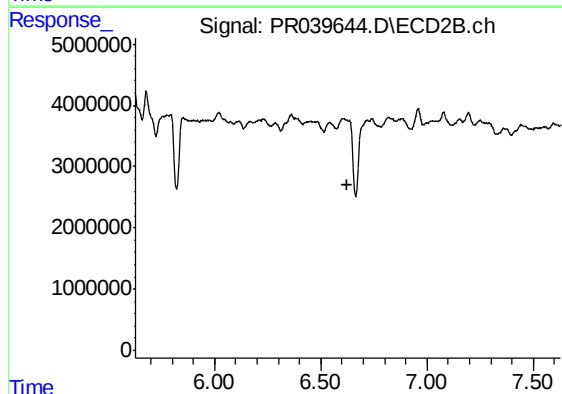
R.T.: 0.000 min
Exp R.T. : 6.229 min
Response: 0
Conc: N.D.



#24 AR-1248-4

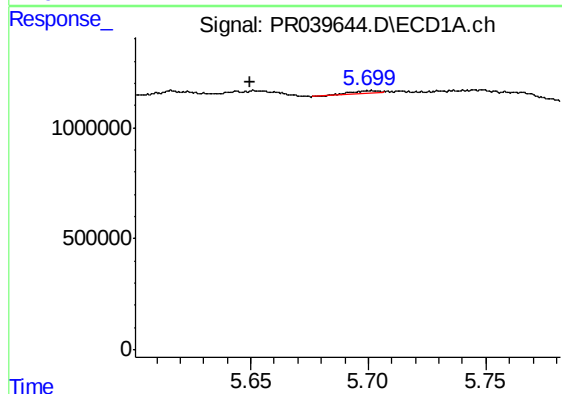
R.T.: 5.271 min
Delta R.T.: 0.006 min
Response: 1832293
Conc: 13.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



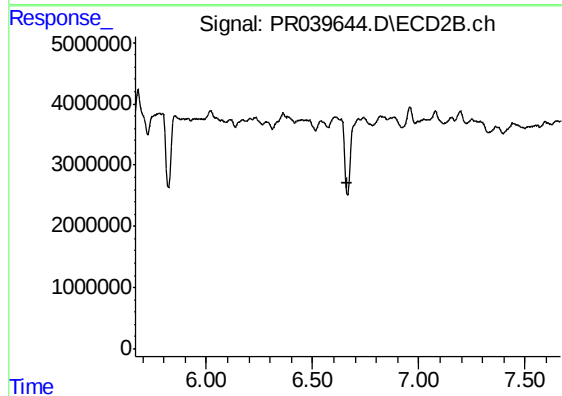
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.628 min
Response: 0
Conc: N.D.



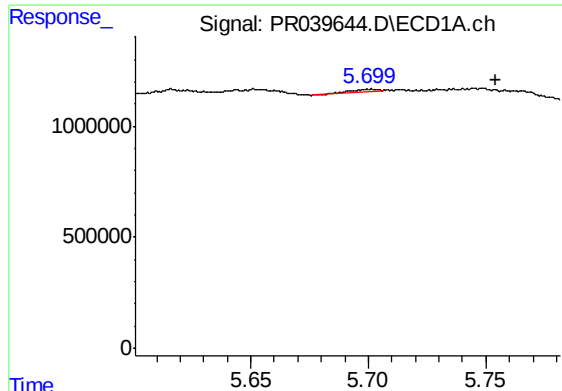
#25 AR-1248-5

R.T.: 5.700 min
Delta R.T.: 0.050 min
Response: 78781
Conc: 0.54 ng/ml



#25 AR-1248-5

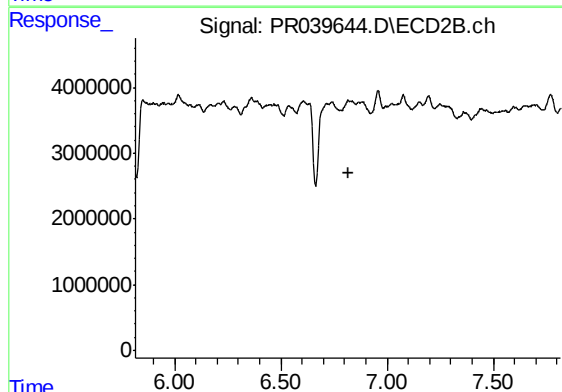
R.T.: 0.000 min
Exp R.T. : 6.666 min
Response: 0
Conc: N.D.



#27 AR-1254-2

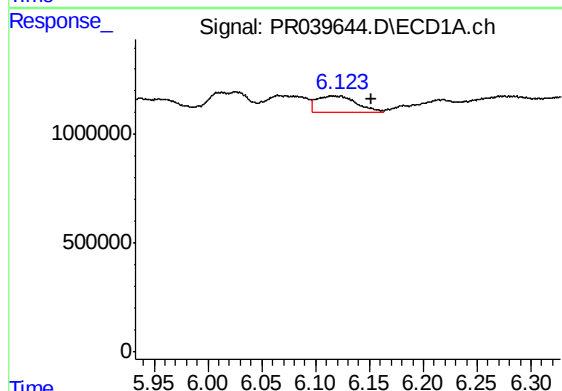
R.T.: 5.700 min
Delta R.T.: -0.054 min
Response: 78781
Conc: 0.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



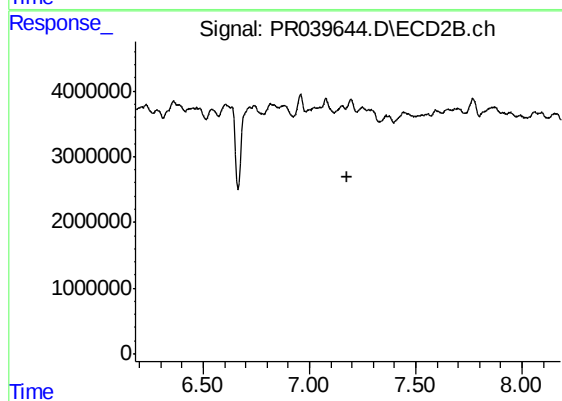
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.816 min
Response: 0
Conc: N.D.



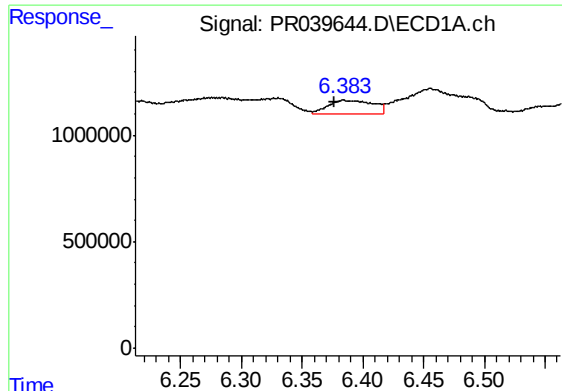
#28 AR-1254-3

R.T.: 6.123 min
Delta R.T.: -0.030 min
Response: 1886996
Conc: 8.45 ng/ml



#28 AR-1254-3

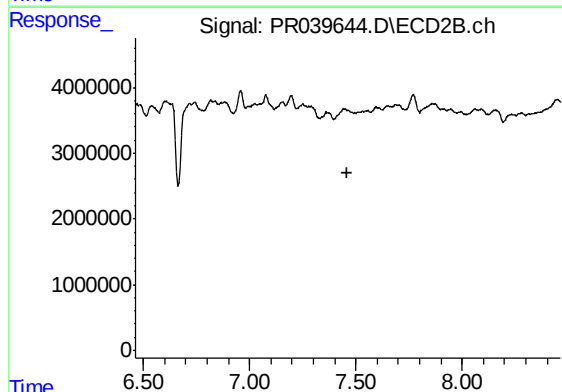
R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



#29 AR-1254-4

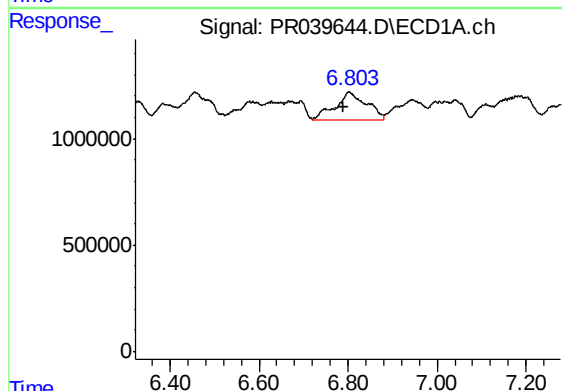
R.T.: 6.384 min
Delta R.T.: 0.008 min
Response: 1729121
Conc: 11.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



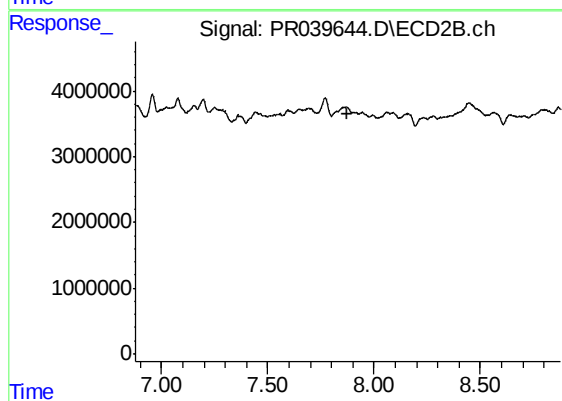
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



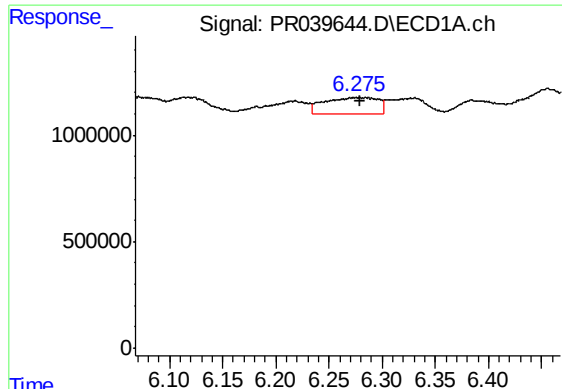
#30 AR-1254-5

R.T.: 6.802 min
Delta R.T.: 0.013 min
Response: 6227955
Conc: 32.71 ng/ml



#30 AR-1254-5

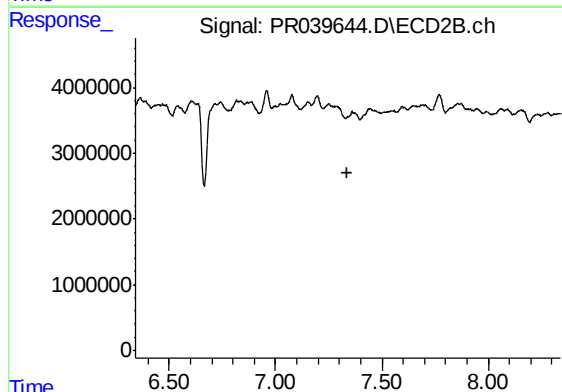
R.T.: 0.000 min
Exp R.T. : 7.878 min
Response: 0
Conc: N.D.



#31 AR-1260-1

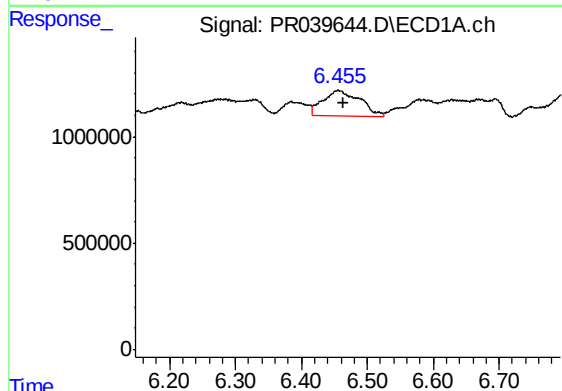
R.T.: 6.284 min
Delta R.T.: 0.006 min
Response: 2672968
Conc: 18.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



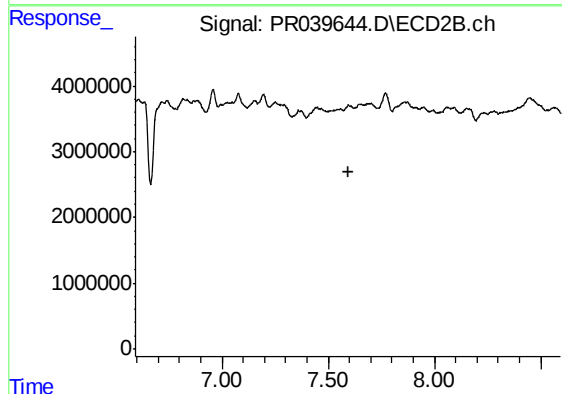
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.340 min
Response: 0
Conc: N.D.



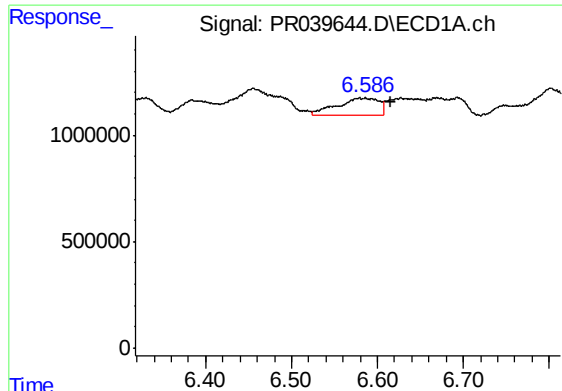
#32 AR-1260-2

R.T.: 6.455 min
Delta R.T.: -0.008 min
Response: 4757534
Conc: 25.84 ng/ml



#32 AR-1260-2

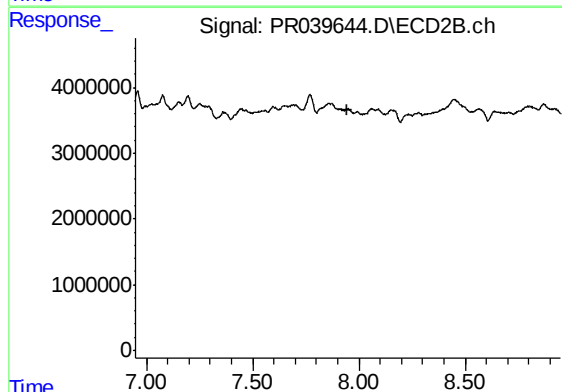
R.T.: 0.000 min
Exp R.T. : 7.593 min
Response: 0
Conc: N.D.



#33 AR-1260-3

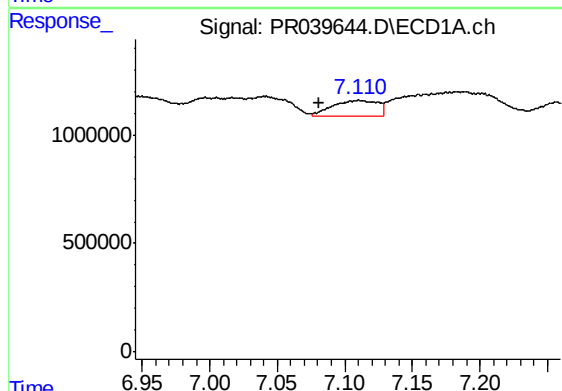
R.T.: 6.586 min
Delta R.T.: -0.030 min
Response: 2724949
Conc: 16.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



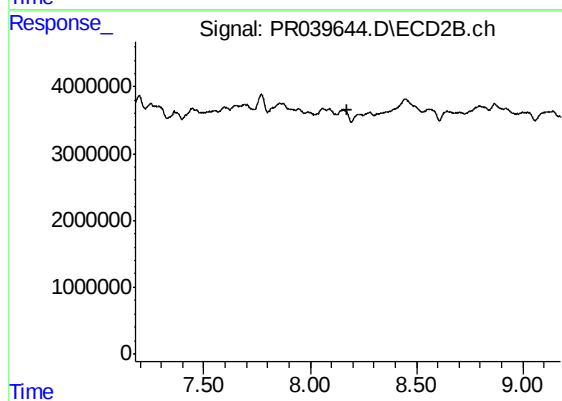
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.948 min
Response: 0
Conc: N.D.



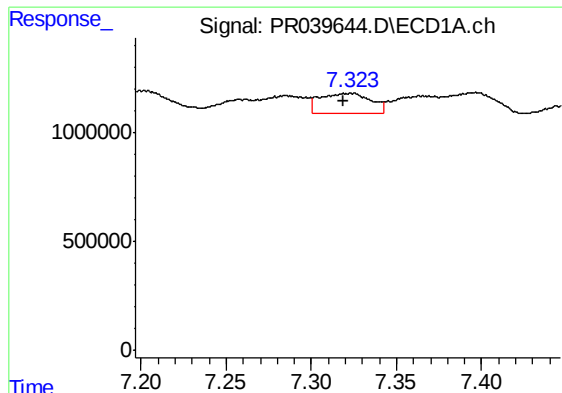
#34 AR-1260-4

R.T.: 7.109 min
Delta R.T.: 0.028 min
Response: 1678239
Conc: 12.07 ng/ml



#34 AR-1260-4

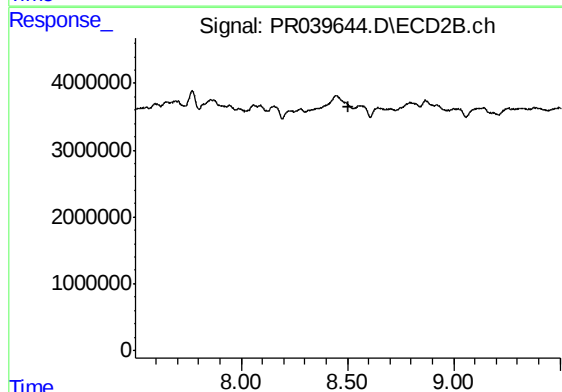
R.T.: 0.000 min
Exp R.T. : 8.178 min
Response: 0
Conc: N.D.



#35 AR-1260-5

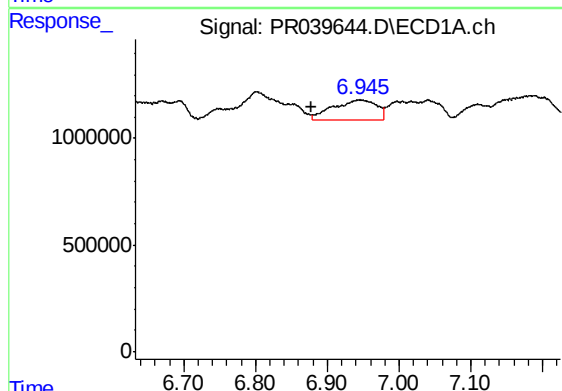
R.T.: 7.323 min
Delta R.T.: 0.004 min
Response: 1944654
Conc: 5.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



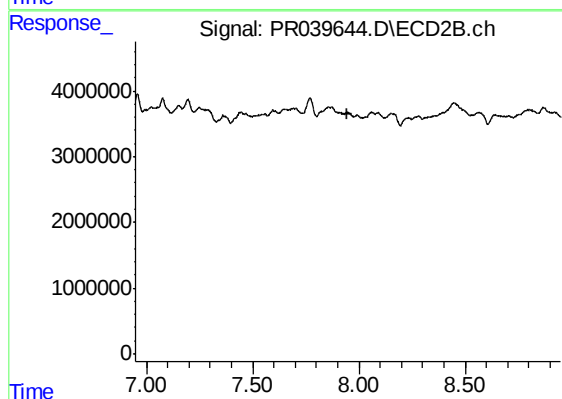
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.503 min
Response: 0
Conc: N.D.



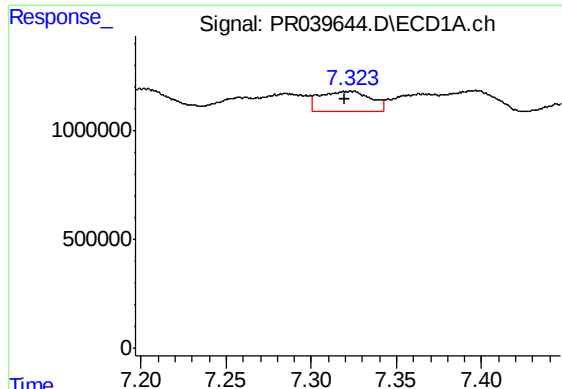
#36 AR-1262-1

R.T.: 6.945 min
Delta R.T.: 0.068 min
Response: 3815304
Conc: 25.98 ng/ml



#36 AR-1262-1

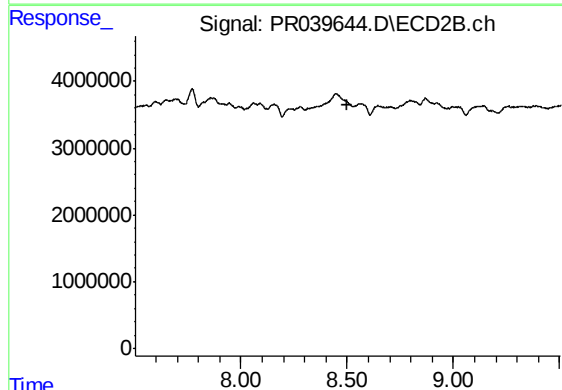
R.T.: 0.000 min
Exp R.T. : 7.948 min
Response: 0
Conc: N.D.



#37 AR-1262-2

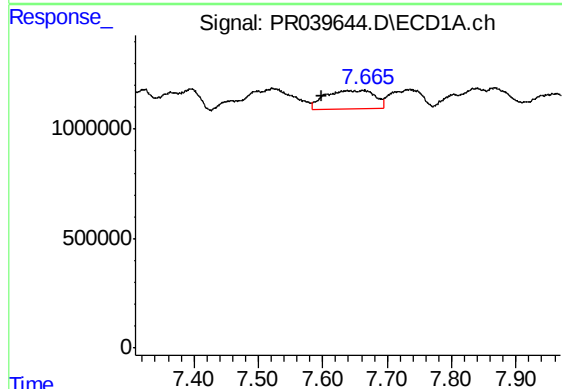
R.T.: 7.323 min
Delta R.T.: 0.004 min
Response: 1944654
Conc: 2.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



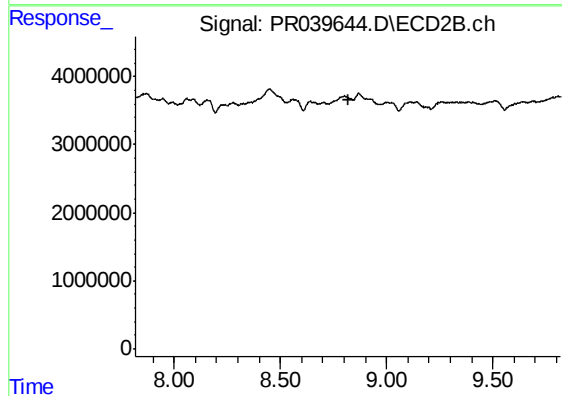
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.504 min
Response: 0
Conc: N.D.



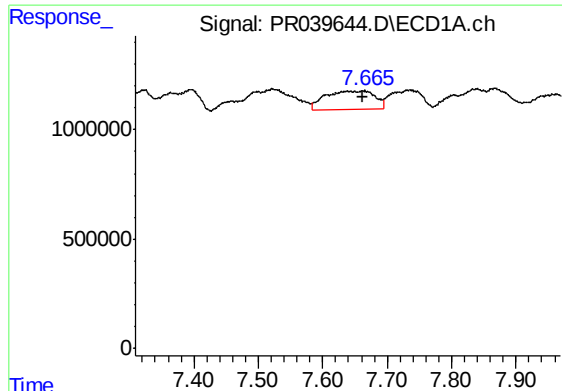
#38 AR-1262-3

R.T.: 7.664 min
Delta R.T.: 0.065 min
Response: 4375092
Conc: 18.42 ng/ml



#38 AR-1262-3

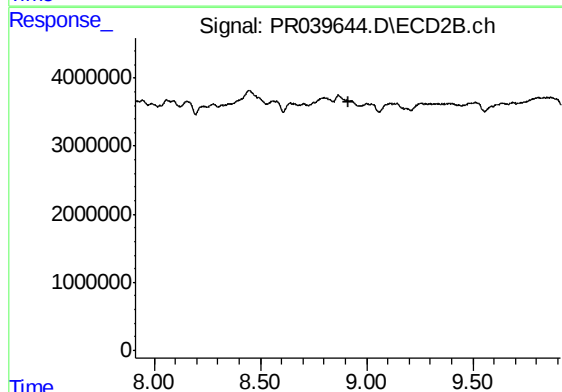
R.T.: 0.000 min
Exp R.T. : 8.819 min
Response: 0
Conc: N.D.



#39 AR-1262-4

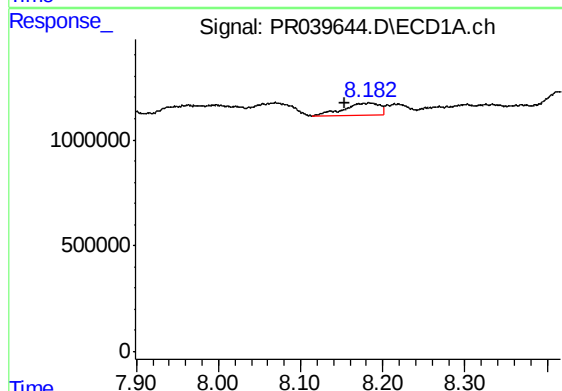
R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 4375092
Conc: 9.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



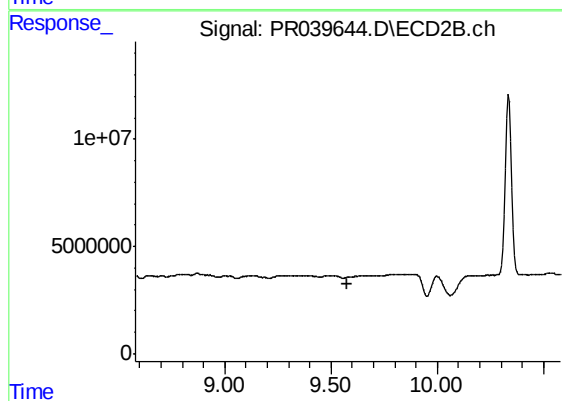
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.912 min
Response: 0
Conc: N.D.



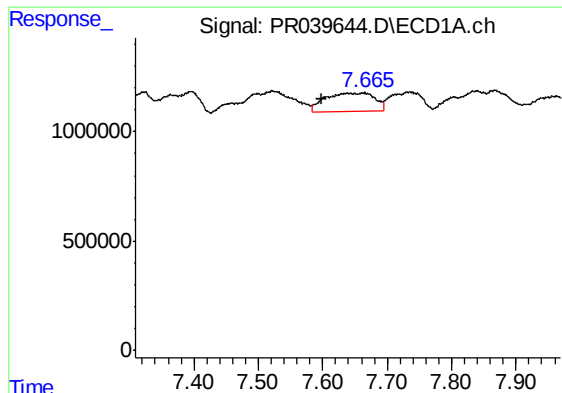
#40 AR-1262-5

R.T.: 8.183 min
Delta R.T.: 0.029 min
Response: 1753633
Conc: 9.02 ng/ml



#40 AR-1262-5

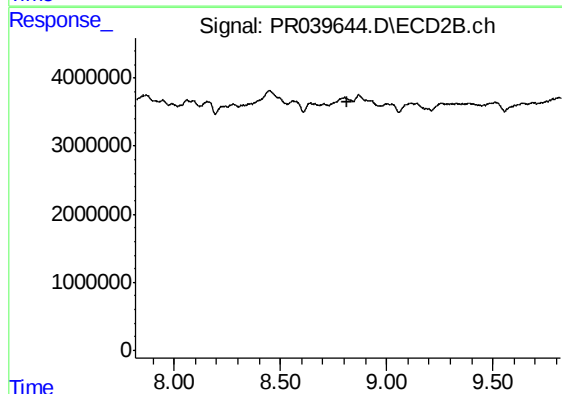
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#41 AR-1268-1

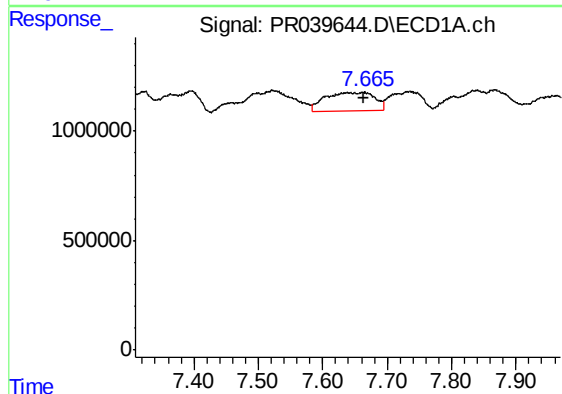
R.T.: 7.664 min
Delta R.T.: 0.065 min
Response: 4375092
Conc: 5.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



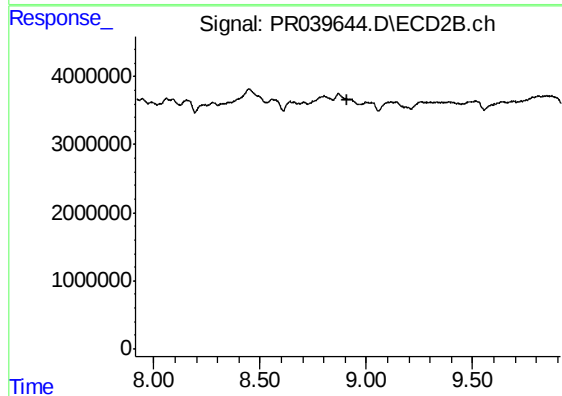
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.818 min
Response: 0
Conc: N.D.



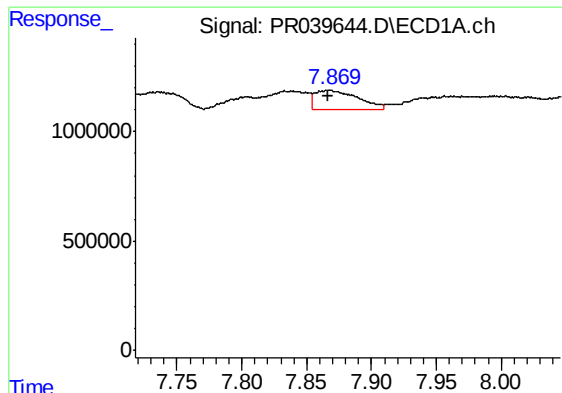
#42 AR-1268-2

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 4375092
Conc: 6.23 ng/ml



#42 AR-1268-2

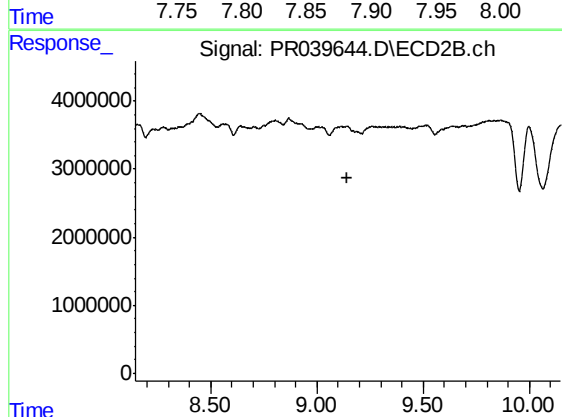
R.T.: 0.000 min
Exp R.T. : 8.913 min
Response: 0
Conc: N.D.



#43 AR-1268-3

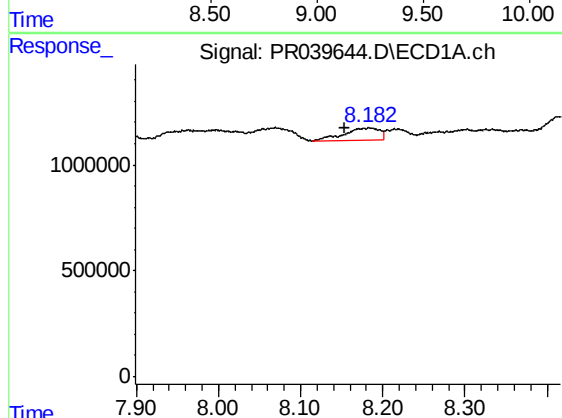
R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 1954975
Conc: 3.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



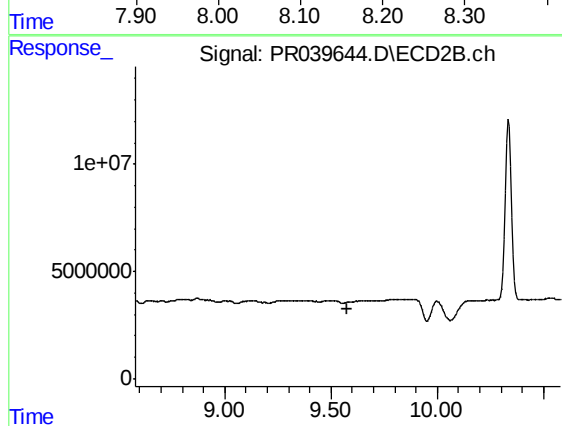
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



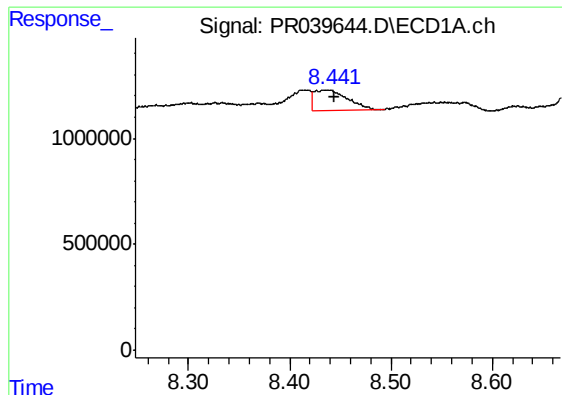
#44 AR-1268-4

R.T.: 8.183 min
Delta R.T.: 0.029 min
Response: 1753633
Conc: 7.61 ng/ml



#44 AR-1268-4

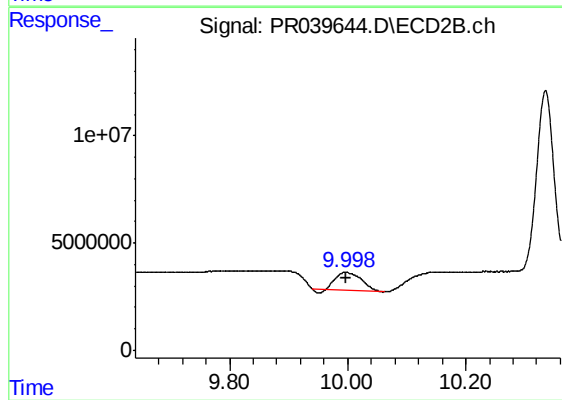
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 2141900
Conc: 1.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
D-7-22-19



#45 AR-1268-5

R.T.: 9.996 min
Delta R.T.: -0.001 min
Response: 25652261
Conc: 4.38 ng/ml