

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081119\
 Data File : PR040259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2019 09:28
 Operator : SM\AJ
 Sample : K4238-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 TP-18

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 12 01:57:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 10 07:38:17 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...	3.748	4.590	61821540	268.3E6	25.797	25.774
2)	SA Decachlor...	8.674	10.309	40409327	172.5E6	16.606	19.701
Target Compounds							
3)	L1 AR-1016-1	4.808	0.000	24269271	0	311.965	N.D. #
4)	L1 AR-1016-2	4.846	0.000	16787848	0	133.981	N.D. #
5)	L1 AR-1016-3	4.989	0.000	36062156	0	591.124	N.D. #
6)	L1 AR-1016-4	5.062	0.000	23788555	0	495.783	N.D. #
7)	L1 AR-1016-5	5.250	0.000	24045307	0	386.475	N.D. #
8)	L2 AR-1221-1	3.910	4.822	1125678	10620968	39.856	96.734 #
9)	L2 AR-1221-2	4.046	4.822	771685	10620968	38.081	132.917 #
10)	L2 AR-1221-3	4.046	0.000	771685	0	11.946	N.D. #
12)	L3 AR-1232-2	4.846	5.416	16787848	16867895	341.871	183.747 #
13)	L3 AR-1232-3	4.989	0.000	36062156	0	1585.107	N.D. #
14)	L3 AR-1232-4	5.107	0.000	46367372	0	2344.759	N.D. #
15)	L3 AR-1232-5	5.250	0.000	24045307	0	1122.155	N.D. #
16)	L4 AR-1242-1	4.808	0.000	24269271	0	424.891	N.D. #
17)	L4 AR-1242-2	4.846	0.000	16787848	0	177.404	N.D. #
18)	L4 AR-1242-3	4.989	0.000	36062156	0	796.293	N.D. #
19)	L4 AR-1242-4	5.062	0.000	23788555	0	548.524	N.D. #
20)	L4 AR-1242-5	5.620	6.649	33031138	110.8E6	577.593	596.666
21)	L5 AR-1248-1	4.808	0.000	24269271	0	532.530	N.D. #
22)	L5 AR-1248-2	5.062	0.000	23788555	0	384.634	N.D. #
23)	L5 AR-1248-3	5.062	0.000	23788555	0	376.834	N.D. #
24)	L5 AR-1248-4	5.250	6.590	24045307	235.8E6	311.940	751.119 #
25)	L5 AR-1248-5	5.620	6.649	33031138	110.8E6	431.158	373.697
26)	L6 AR-1254-1	5.620	6.590	33031138	235.8E6	209.056	576.114 #
27)	L6 AR-1254-2	5.702	6.803	41498682	139.8E6	311.392	216.436 #
28)	L6 AR-1254-3	6.158	7.189	24948452	159.2E6	113.330	237.625 #
29)	L6 AR-1254-4	6.354	7.421	52080821	82614072	320.984	167.753 #
30)	L6 AR-1254-5	6.773	7.860	27600269	14803238	148.387	29.075 #
31)	L7 AR-1260-1	6.270	7.330	39205065	45375976	340.782	124.203 #
32)	L7 AR-1260-2	6.440	7.579	86384386	-4783637	599.907	N.D. #
33)	L7 AR-1260-3	6.604	7.932	29417045	9201245	217.865	26.755 #
34)	L7 AR-1260-4	7.064	0.000	20238783	0	179.252	N.D. #
35)	L7 AR-1260-5	7.304	8.487	22953278	46298434	81.435	54.043 #
36)	L8 AR-1262-1	6.899	7.932	33123184	9201245	547.014	18.502 #
37)	L8 AR-1262-2	7.304	8.487	22953278	46298434	79.026	47.472 #
38)	L8 AR-1262-3	7.613	8.815	26460492	48453425	240.262	74.511 #
39)	L8 AR-1262-4	7.653	0.000	19995805	0	94.993	N.D. #
41)	L9 AR-1268-1	7.613	8.815	26460492	48453425	64.259	33.768 #
42)	L9 AR-1268-2	7.653	0.000	19995805	0	52.141	N.D. #
43)	L9 AR-1268-3	7.846	0.000	5888881	0	19.083	N.D. #

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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081019.M
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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	8.424	0.000	1200679	0	1.128	N.D. #

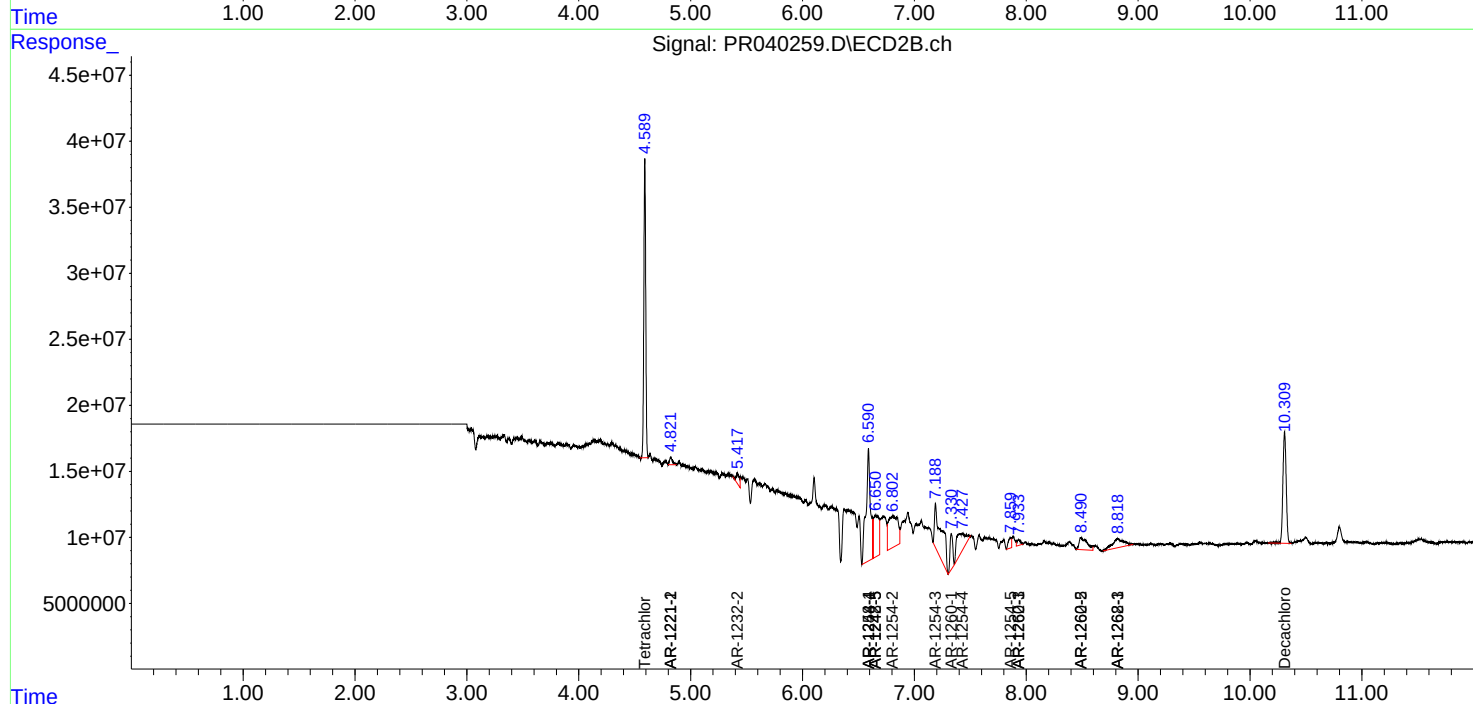
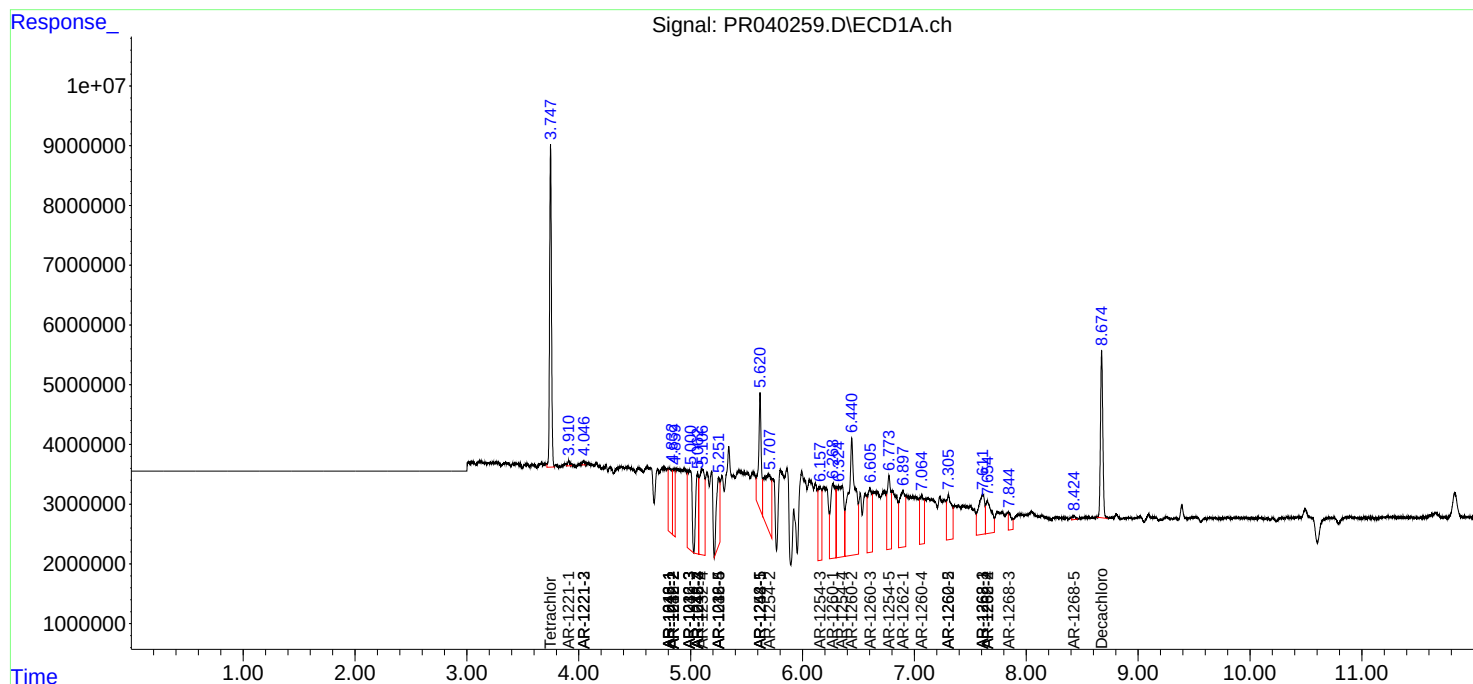
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

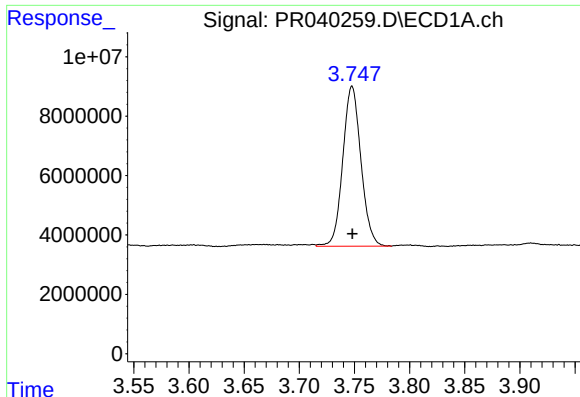
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081119\
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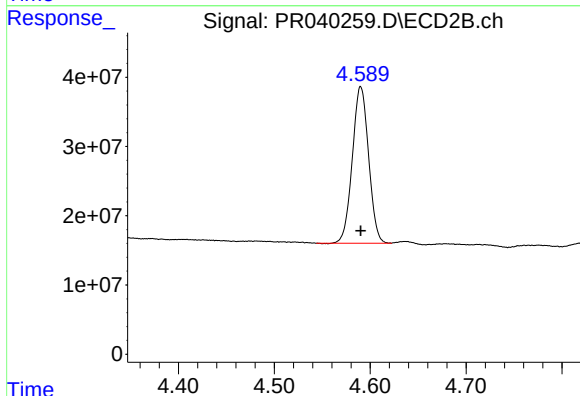




#1 Tetrachloro-m-xylene

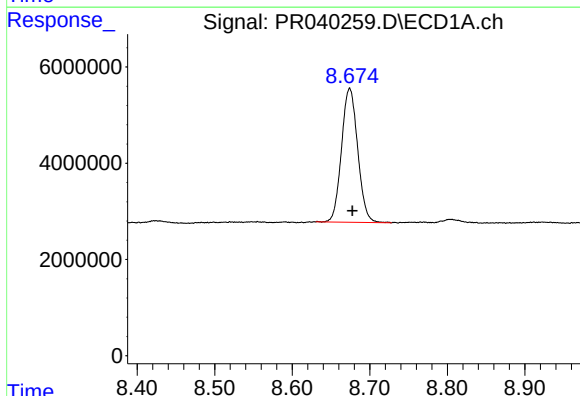
R.T.: 3.748 min
Delta R.T.: 0.000 min
Response: 61821540
Conc: 25.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



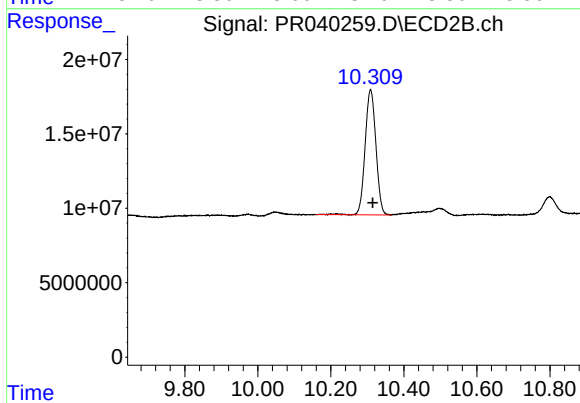
#1 Tetrachloro-m-xylene

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 268338117
Conc: 25.77 ng/ml



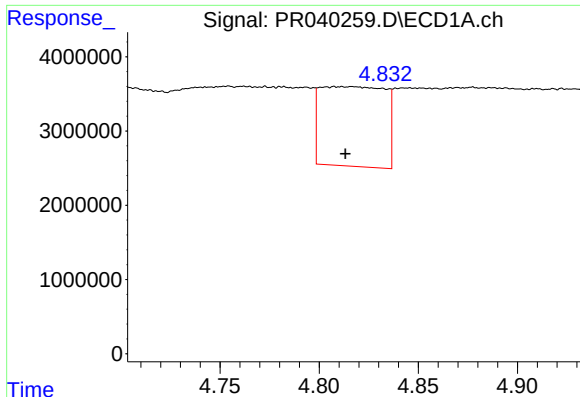
#2 Decachlorobiphenyl

R.T.: 8.674 min
Delta R.T.: -0.003 min
Response: 40409327
Conc: 16.61 ng/ml



#2 Decachlorobiphenyl

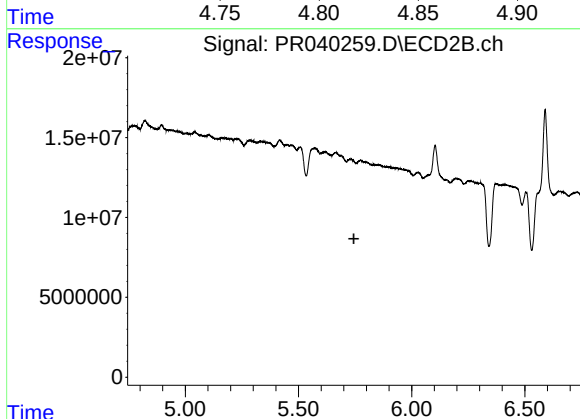
R.T.: 10.309 min
Delta R.T.: -0.005 min
Response: 172531674
Conc: 19.70 ng/ml



#3 AR-1016-1

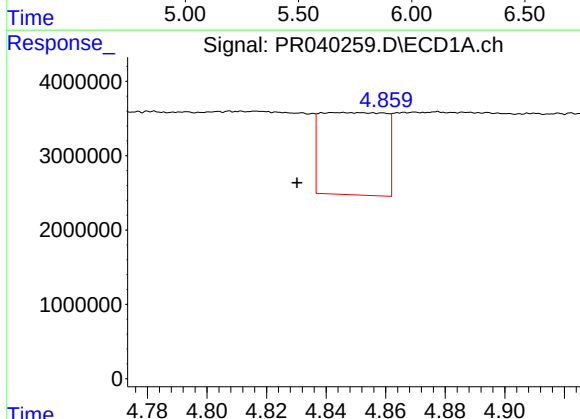
R.T.: 4.808 min
Delta R.T.: -0.006 min
Response: 24269271
Conc: 311.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



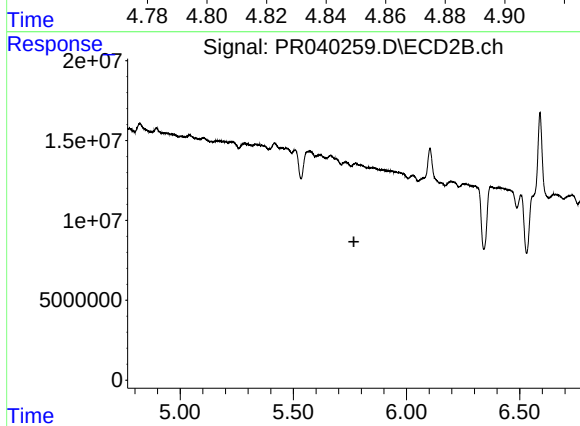
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.745 min
Response: 0
Conc: N.D.



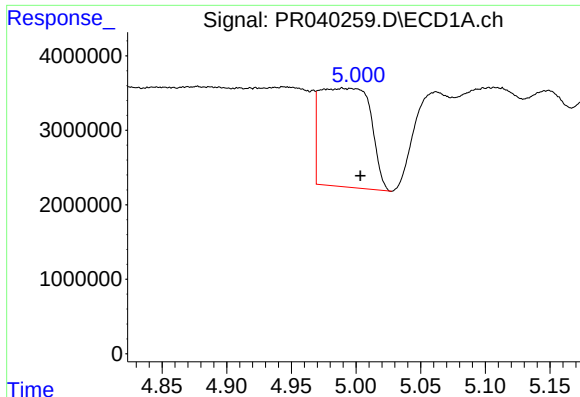
#4 AR-1016-2

R.T.: 4.846 min
Delta R.T.: 0.016 min
Response: 16787848
Conc: 133.98 ng/ml



#4 AR-1016-2

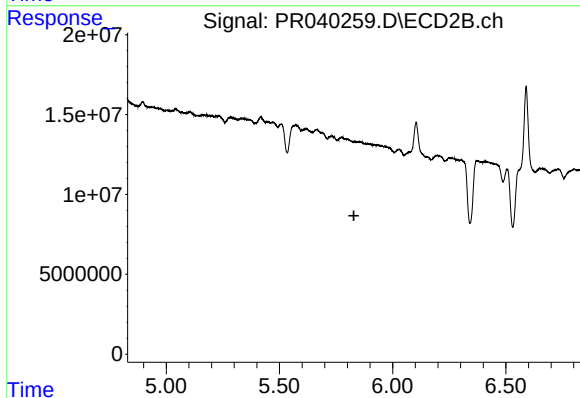
R.T.: 0.000 min
Exp R.T. : 5.768 min
Response: 0
Conc: N.D.



#5 AR-1016-3

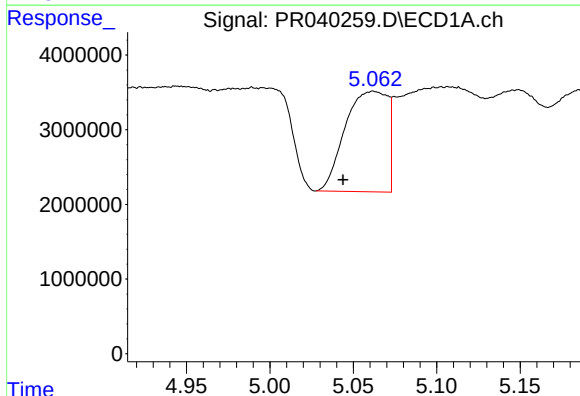
R.T.: 4.989 min
Delta R.T.: -0.014 min
Response: 36062156
Conc: 591.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



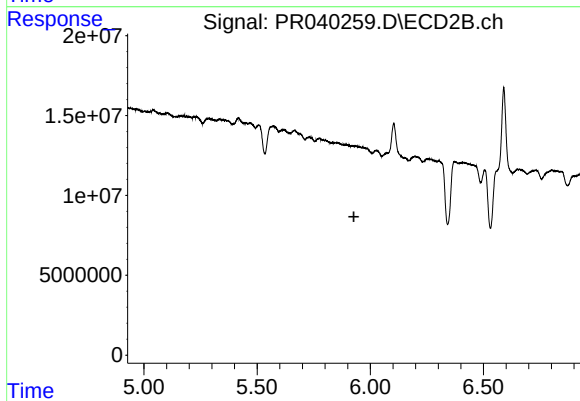
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.829 min
Response: 0
Conc: N.D.



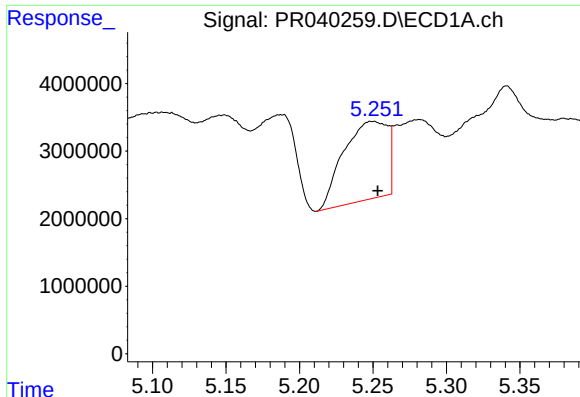
#6 AR-1016-4

R.T.: 5.062 min
Delta R.T.: 0.018 min
Response: 23788555
Conc: 495.78 ng/ml



#6 AR-1016-4

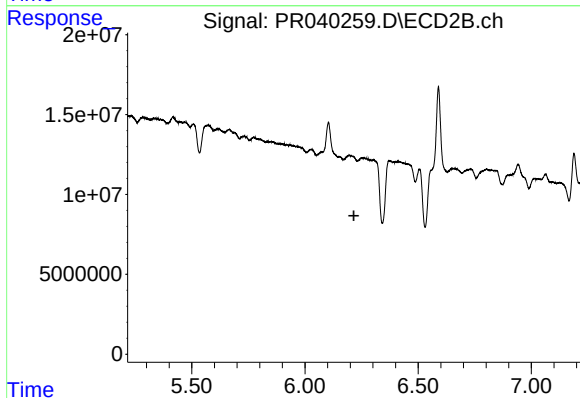
R.T.: 0.000 min
Exp R.T. : 5.928 min
Response: 0
Conc: N.D.



#7 AR-1016-5

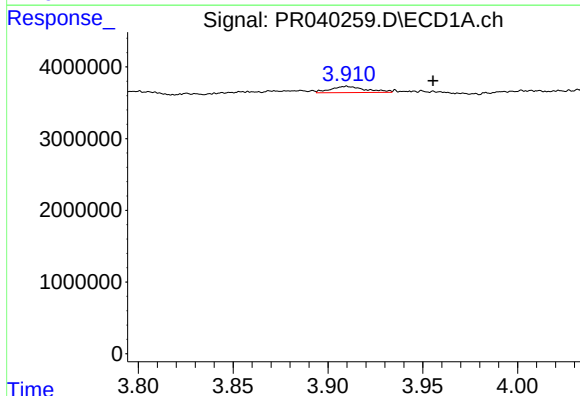
R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 24045307
Conc: 386.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



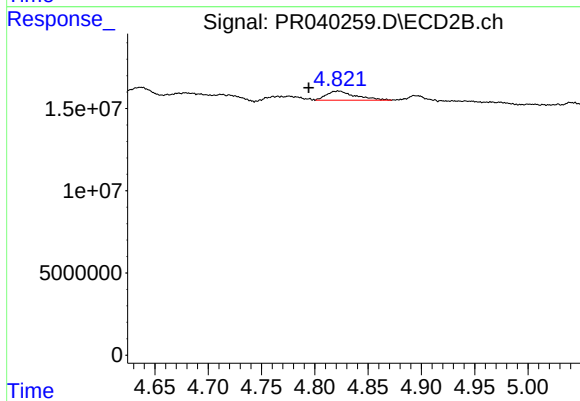
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.216 min
Response: 0
Conc: N.D.



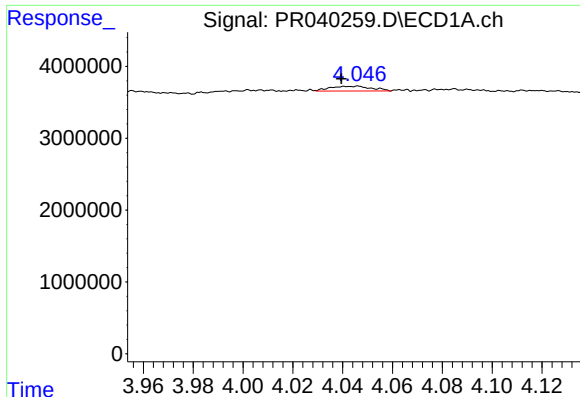
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: -0.045 min
Response: 1125678
Conc: 39.86 ng/ml



#8 AR-1221-1

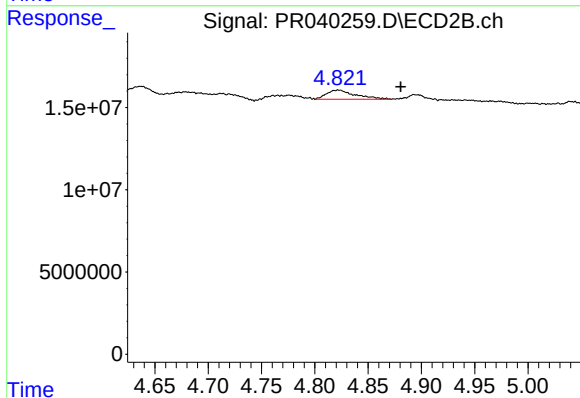
R.T.: 4.822 min
Delta R.T.: 0.028 min
Response: 10620968
Conc: 96.73 ng/ml



#9 AR-1221-2

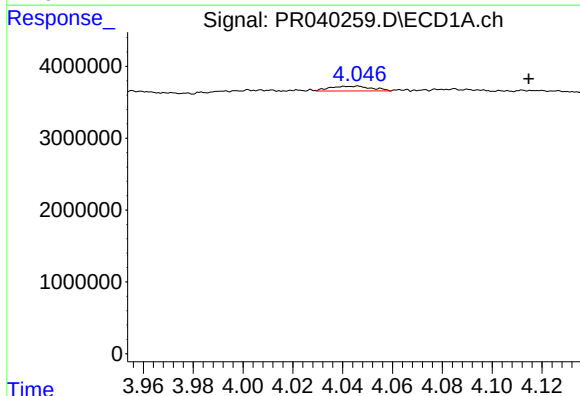
R.T.: 4.046 min
Delta R.T.: 0.007 min
Response: 771685
Conc: 38.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



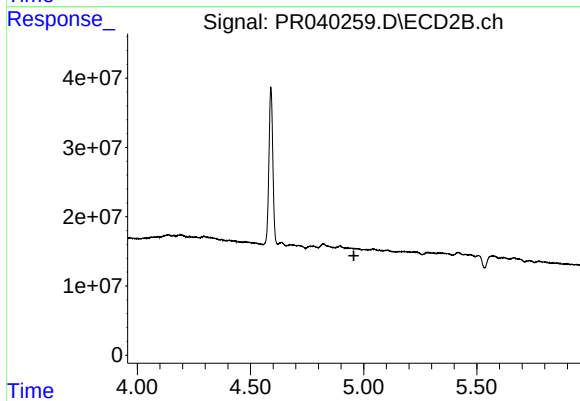
#9 AR-1221-2

R.T.: 4.822 min
Delta R.T.: -0.059 min
Response: 10620968
Conc: 132.92 ng/ml



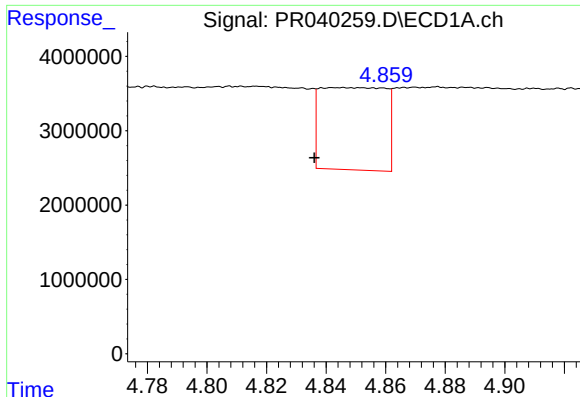
#10 AR-1221-3

R.T.: 4.046 min
Delta R.T.: -0.068 min
Response: 771685
Conc: 11.95 ng/ml



#10 AR-1221-3

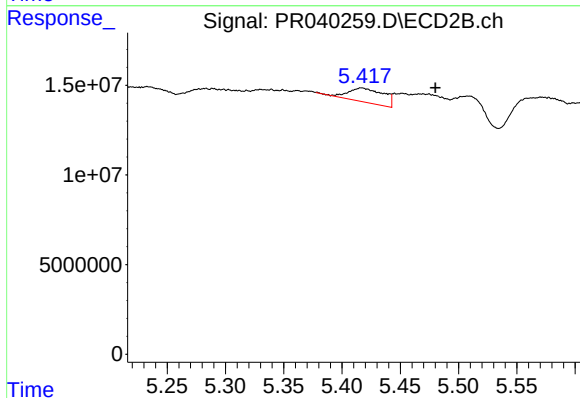
R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.



#12 AR-1232-2

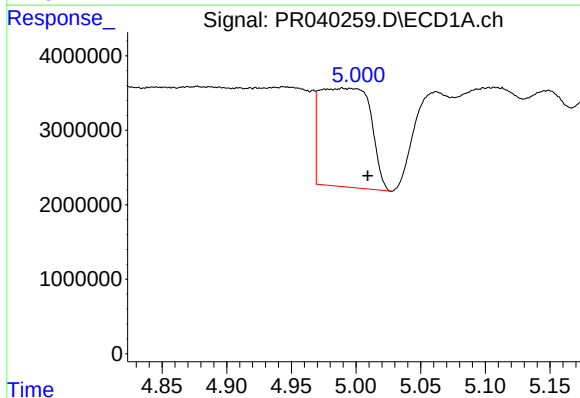
R.T.: 4.846 min
Delta R.T.: 0.010 min
Response: 16787848
Conc: 341.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



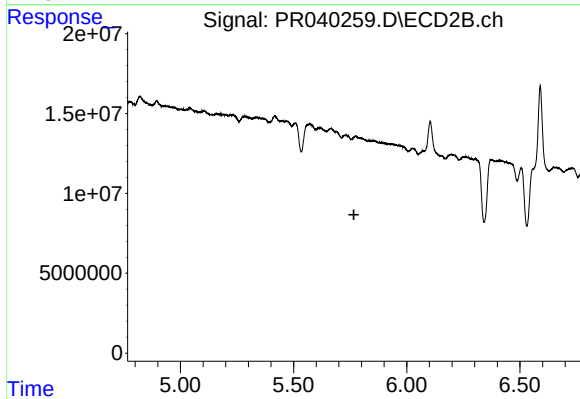
#12 AR-1232-2

R.T.: 5.416 min
Delta R.T.: -0.064 min
Response: 16867895
Conc: 183.75 ng/ml



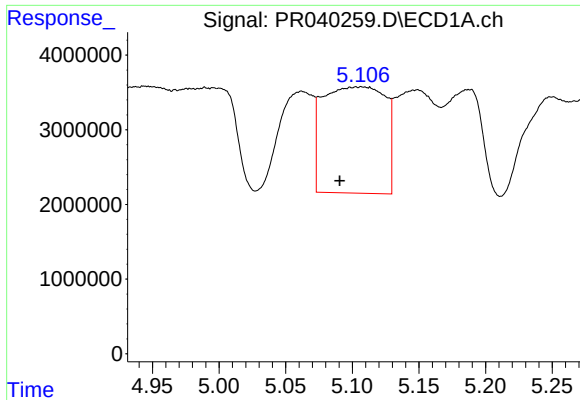
#13 AR-1232-3

R.T.: 4.989 min
Delta R.T.: -0.020 min
Response: 36062156
Conc: 1585.11 ng/ml



#13 AR-1232-3

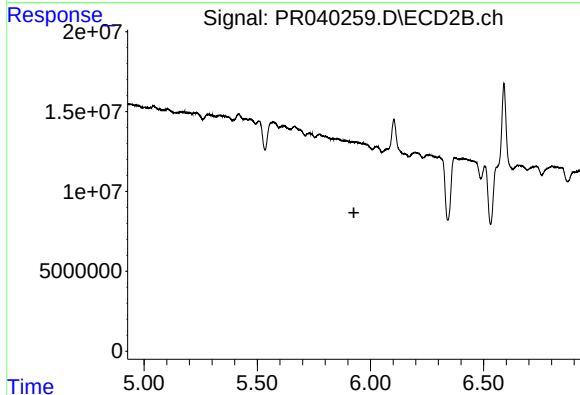
R.T.: 0.000 min
Exp R.T.: 5.767 min
Response: 0
Conc: N.D.



#14 AR-1232-4

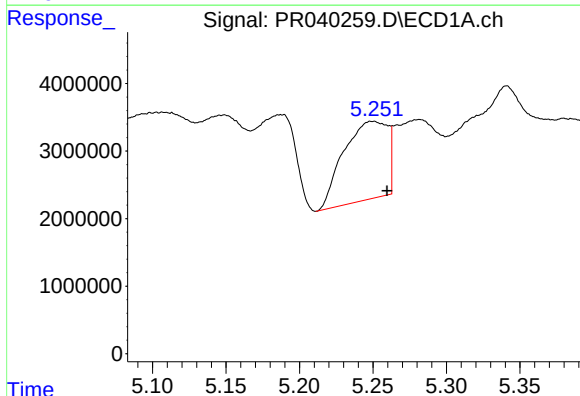
R.T.: 5.107 min
Delta R.T.: 0.017 min
Response: 46367372
Conc: 2344.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



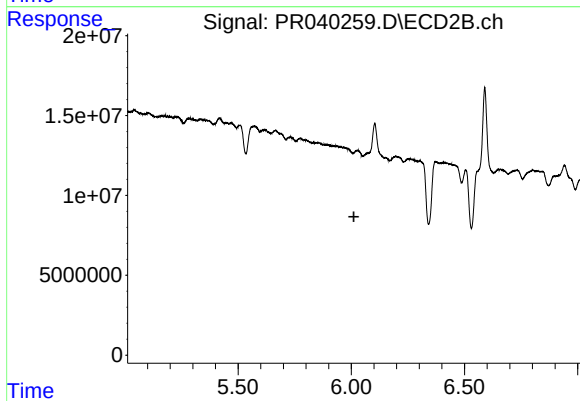
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.927 min
Response: 0
Conc: N.D.



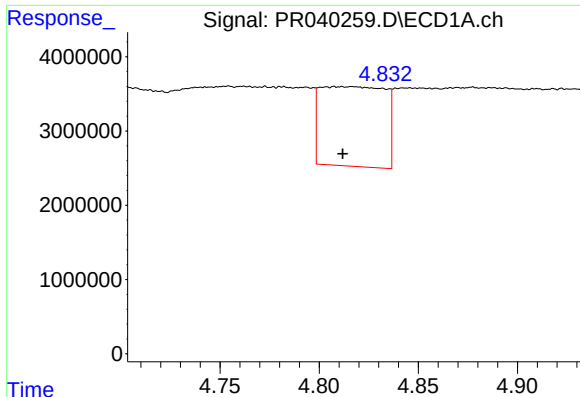
#15 AR-1232-5

R.T.: 5.250 min
Delta R.T.: -0.010 min
Response: 24045307
Conc: 1122.15 ng/ml



#15 AR-1232-5

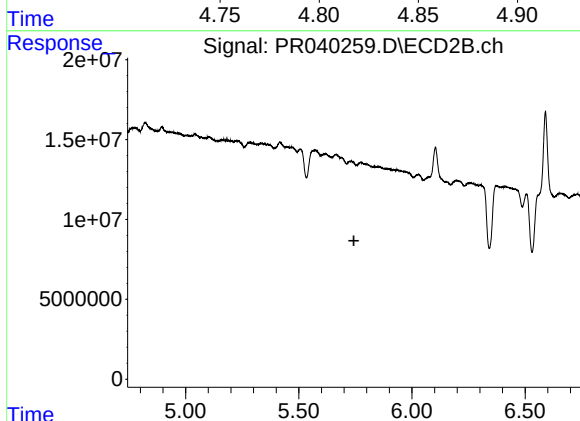
R.T.: 0.000 min
Exp R.T. : 6.011 min
Response: 0
Conc: N.D.



#16 AR-1242-1

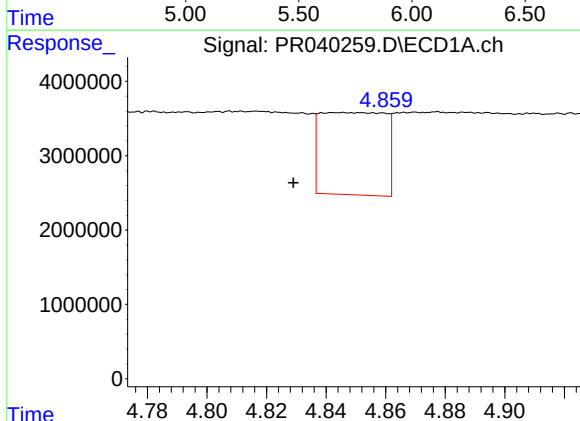
R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 24269271
Conc: 424.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



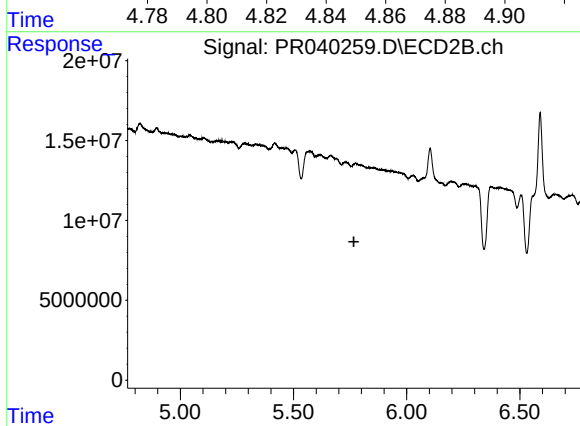
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.743 min
Response: 0
Conc: N.D.



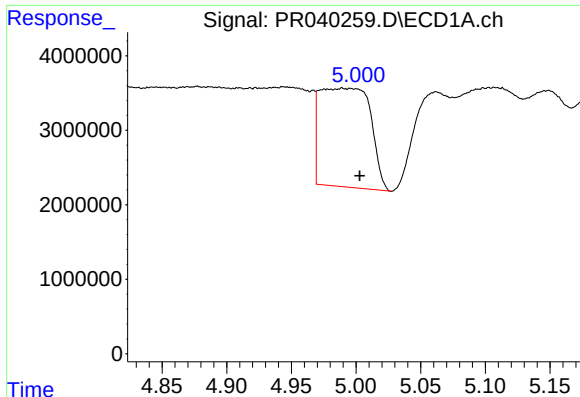
#17 AR-1242-2

R.T.: 4.846 min
Delta R.T.: 0.017 min
Response: 16787848
Conc: 177.40 ng/ml



#17 AR-1242-2

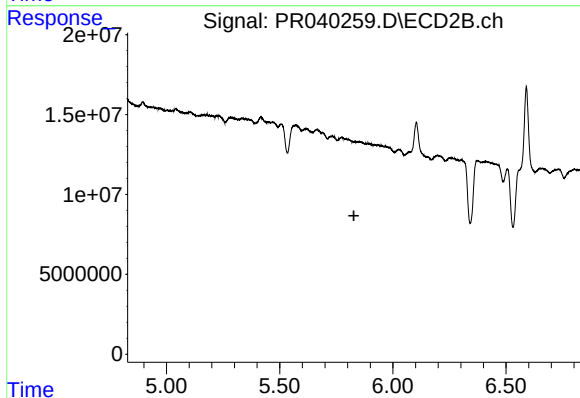
R.T.: 0.000 min
Exp R.T. : 5.767 min
Response: 0
Conc: N.D.



#18 AR-1242-3

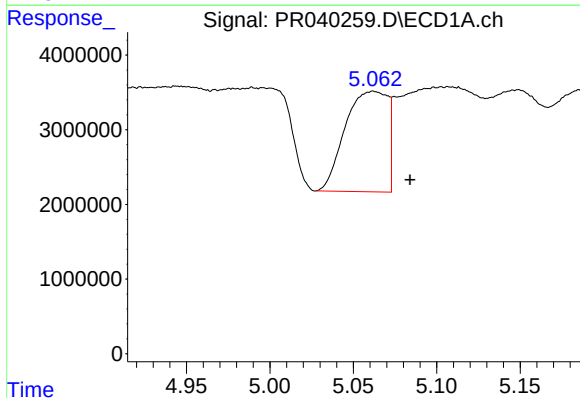
R.T.: 4.989 min
Delta R.T.: -0.014 min
Response: 36062156
Conc: 796.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



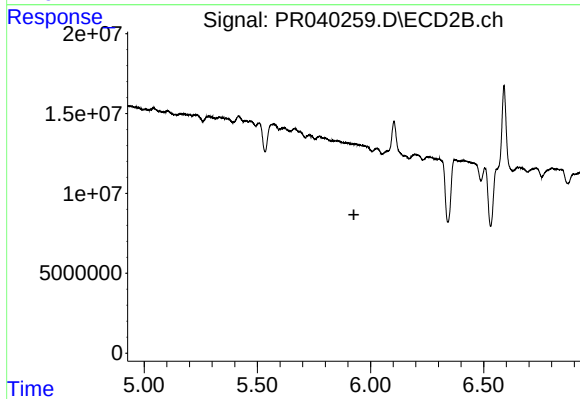
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.828 min
Response: 0
Conc: N.D.



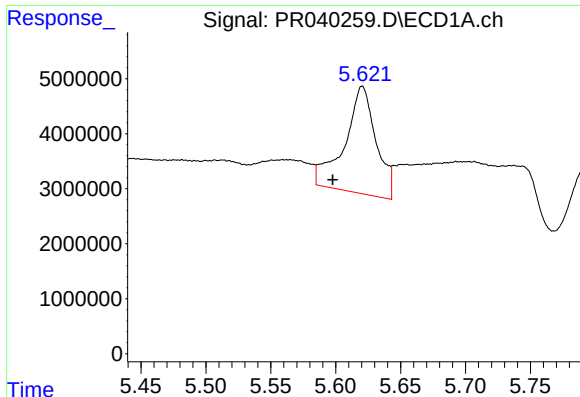
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: -0.022 min
Response: 23788555
Conc: 548.52 ng/ml



#19 AR-1242-4

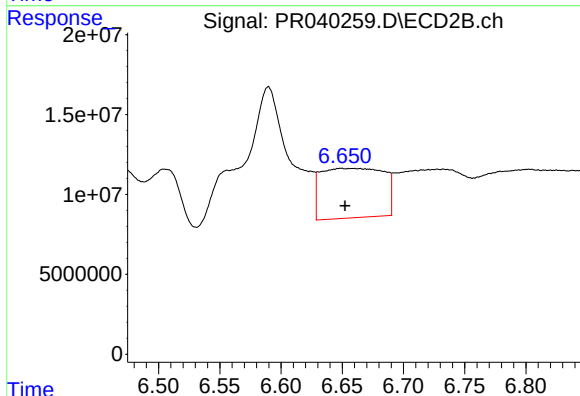
R.T.: 0.000 min
Exp R.T. : 5.926 min
Response: 0
Conc: N.D.



#20 AR-1242-5

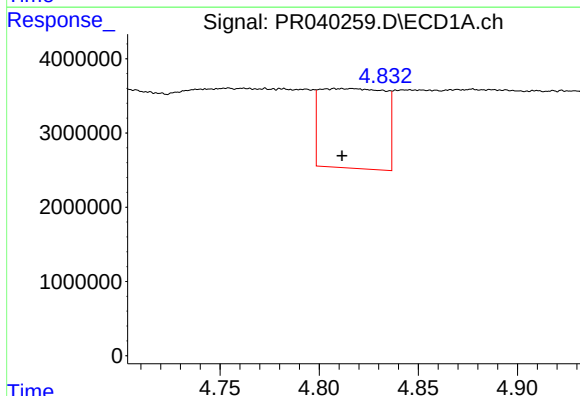
R.T.: 5.620 min
Delta R.T.: 0.023 min
Response: 33031138
Conc: 577.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



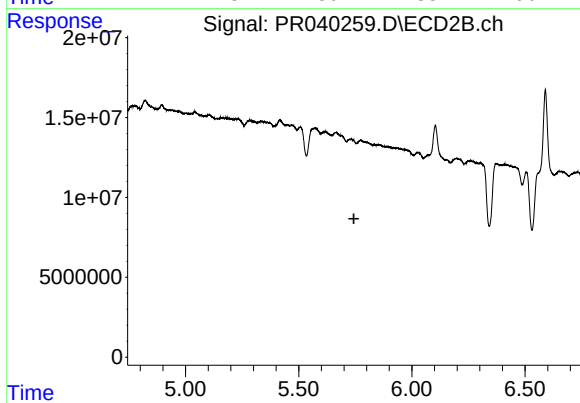
#20 AR-1242-5

R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 110753631
Conc: 596.67 ng/ml



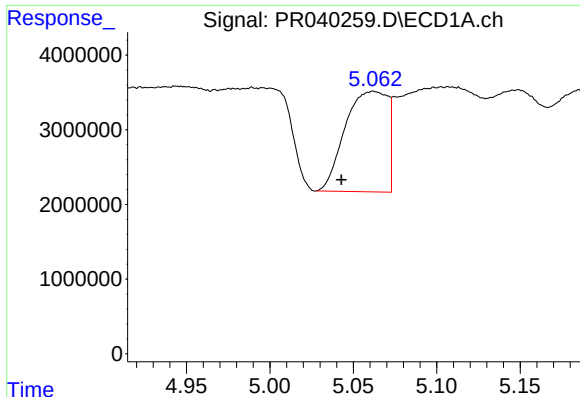
#21 AR-1248-1

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 24269271
Conc: 532.53 ng/ml



#21 AR-1248-1

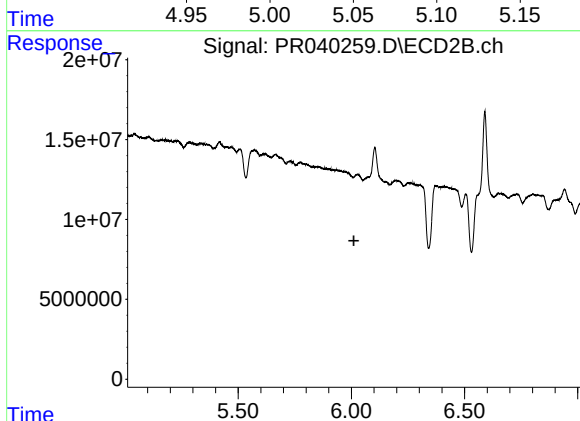
R.T.: 0.000 min
Exp R.T.: 5.744 min
Response: 0
Conc: N.D.



#22 AR-1248-2

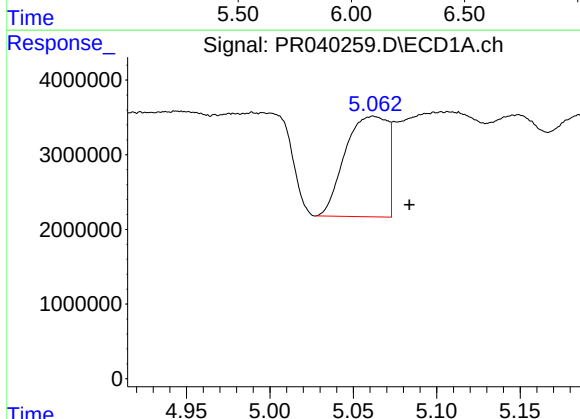
R.T.: 5.062 min
Delta R.T.: 0.019 min
Response: 23788555
Conc: 384.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



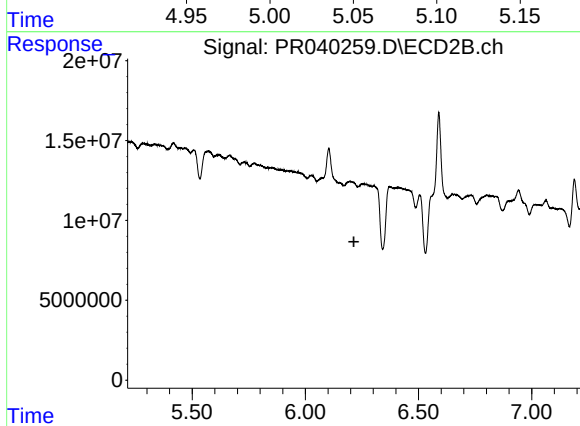
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.011 min
Response: 0
Conc: N.D.



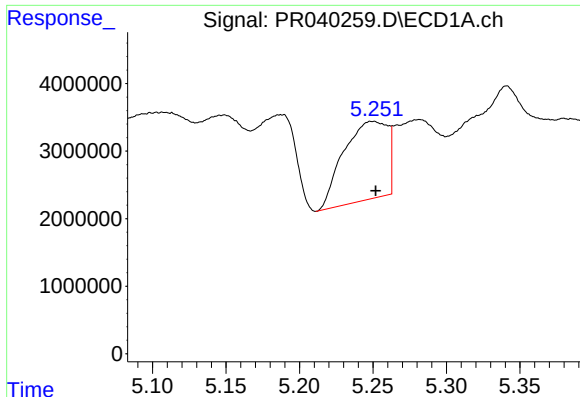
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: -0.022 min
Response: 23788555
Conc: 376.83 ng/ml



#23 AR-1248-3

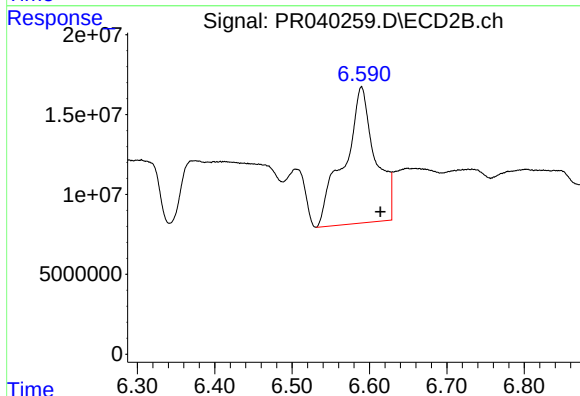
R.T.: 0.000 min
Exp R.T. : 6.215 min
Response: 0
Conc: N.D.



#24 AR-1248-4

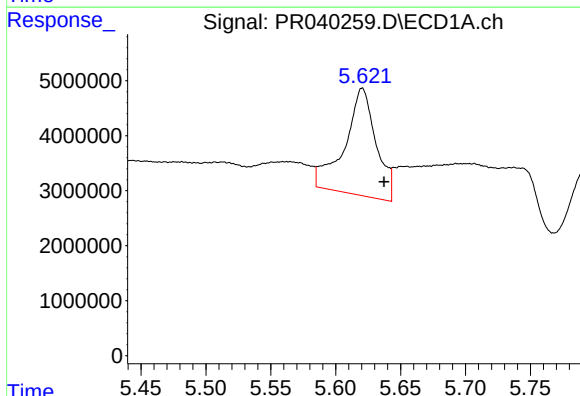
R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 24045307
Conc: 311.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



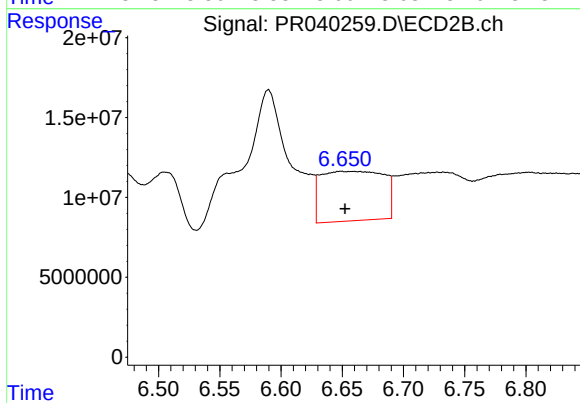
#24 AR-1248-4

R.T.: 6.590 min
Delta R.T.: -0.024 min
Response: 235848294
Conc: 751.12 ng/ml



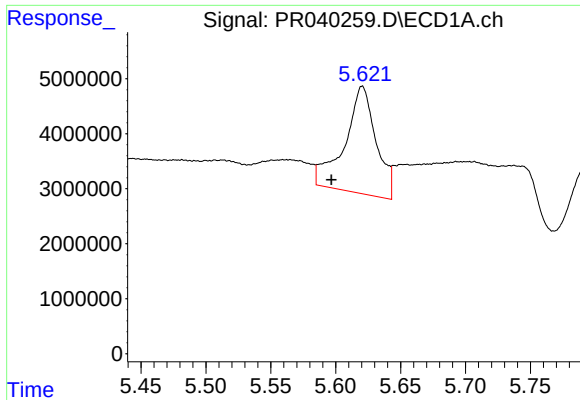
#25 AR-1248-5

R.T.: 5.620 min
Delta R.T.: -0.017 min
Response: 33031138
Conc: 431.16 ng/ml



#25 AR-1248-5

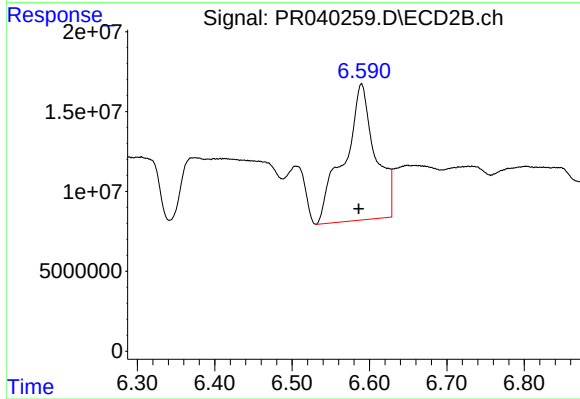
R.T.: 6.649 min
Delta R.T.: -0.004 min
Response: 110753631
Conc: 373.70 ng/ml



#26 AR-1254-1

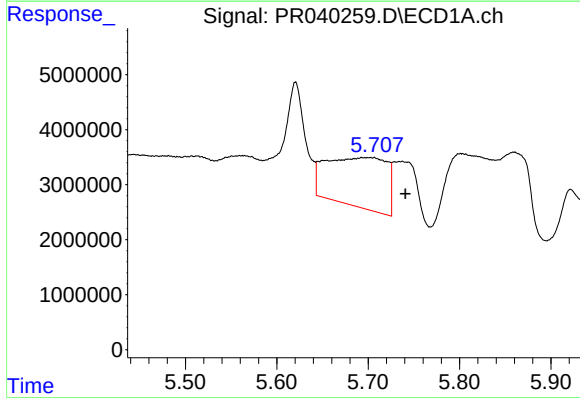
R.T.: 5.620 min
Delta R.T.: 0.024 min
Response: 33031138
Conc: 209.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



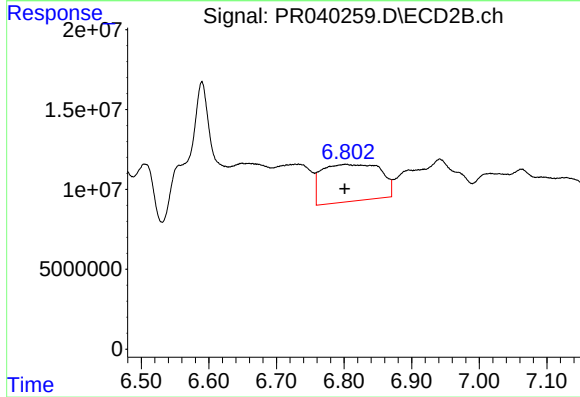
#26 AR-1254-1

R.T.: 6.590 min
Delta R.T.: 0.004 min
Response: 235848294
Conc: 576.11 ng/ml



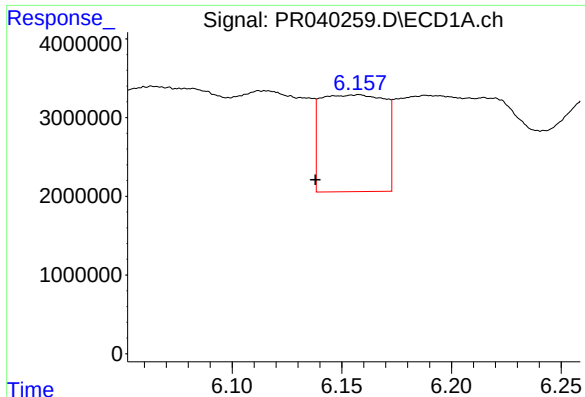
#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: -0.039 min
Response: 41498682
Conc: 311.39 ng/ml



#27 AR-1254-2

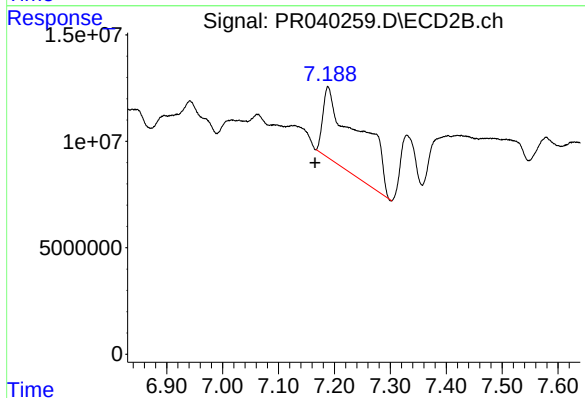
R.T.: 6.803 min
Delta R.T.: 0.002 min
Response: 139842639
Conc: 216.44 ng/ml



#28 AR-1254-3

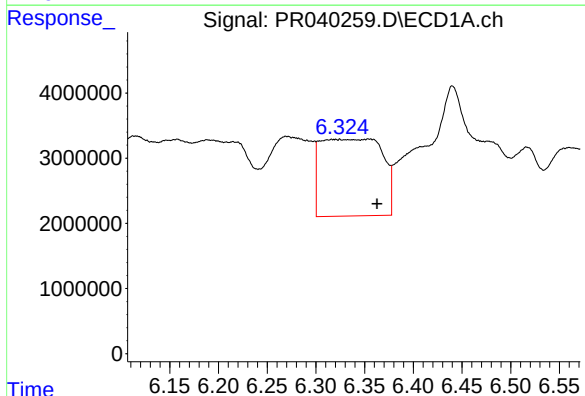
R.T.: 6.158 min
Delta R.T.: 0.020 min
Response: 24948452
Conc: 113.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



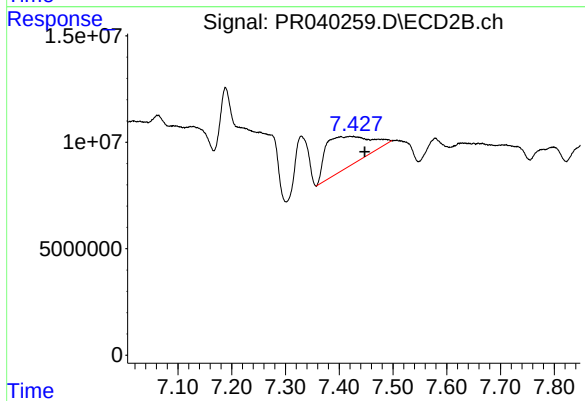
#28 AR-1254-3

R.T.: 7.189 min
Delta R.T.: 0.023 min
Response: 159241578
Conc: 237.63 ng/ml



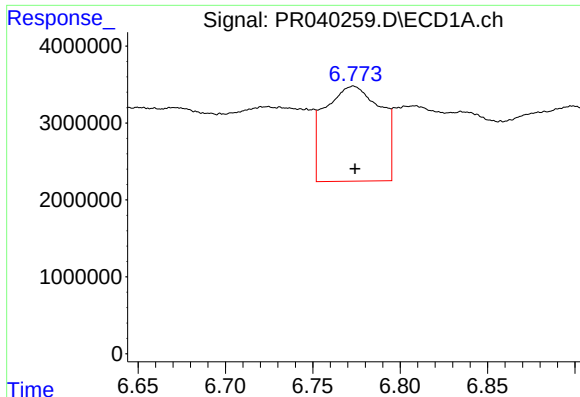
#29 AR-1254-4

R.T.: 6.354 min
Delta R.T.: -0.009 min
Response: 52080821
Conc: 320.98 ng/ml



#29 AR-1254-4

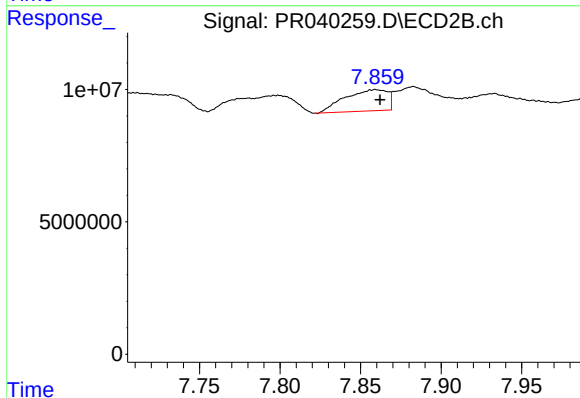
R.T.: 7.421 min
Delta R.T.: -0.026 min
Response: 82614072
Conc: 167.75 ng/ml



#30 AR-1254-5

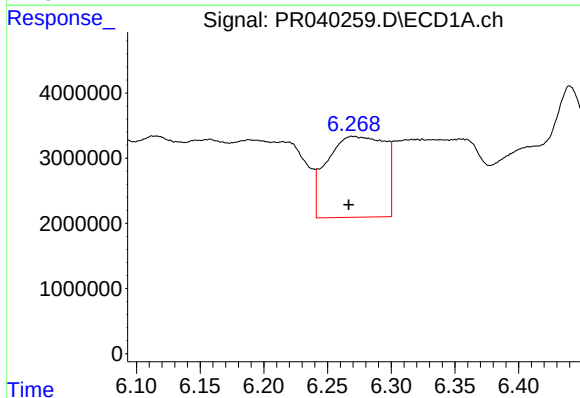
R.T.: 6.773 min
Delta R.T.: -0.001 min
Response: 27600269
Conc: 148.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



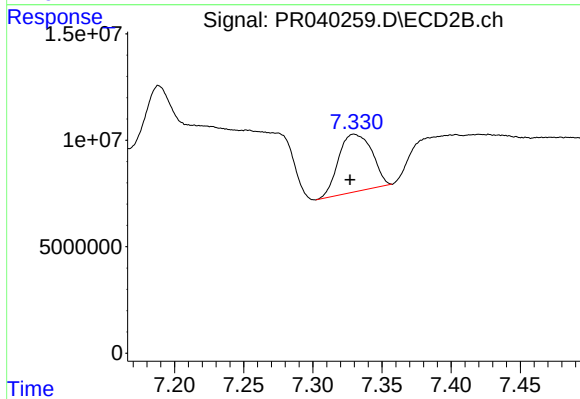
#30 AR-1254-5

R.T.: 7.860 min
Delta R.T.: -0.002 min
Response: 14803238
Conc: 29.08 ng/ml



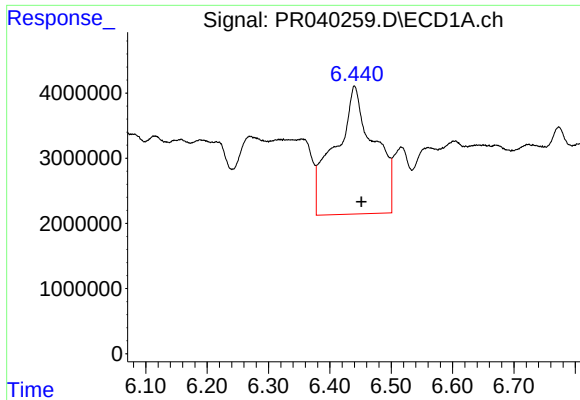
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: 0.003 min
Response: 39205065
Conc: 340.78 ng/ml



#31 AR-1260-1

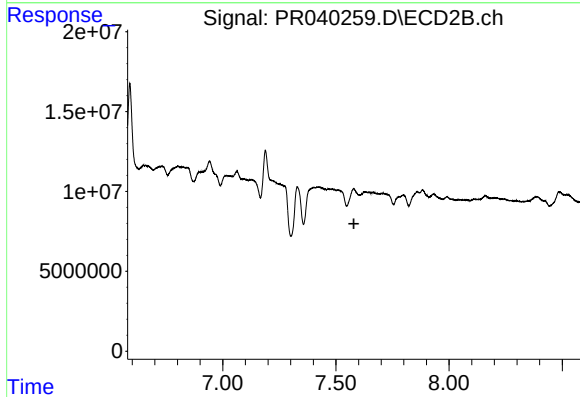
R.T.: 7.330 min
Delta R.T.: 0.003 min
Response: 45375976
Conc: 124.20 ng/ml



#32 AR-1260-2

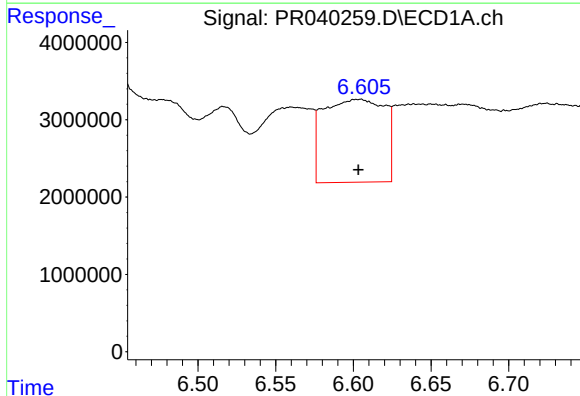
R.T.: 6.440 min
Delta R.T.: -0.011 min
Response: 86384386
Conc: 599.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



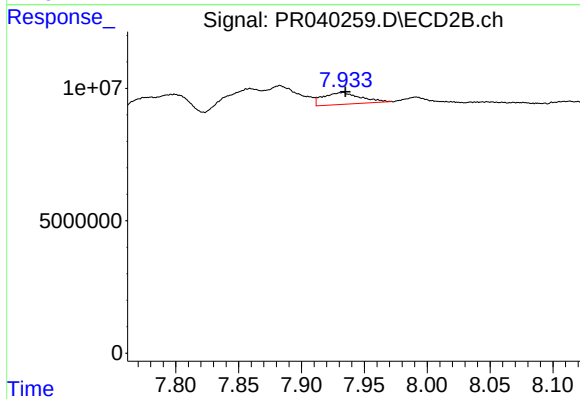
#32 AR-1260-2

R.T.: 7.579 min
Delta R.T.: 0.000 min
Response: -4783637
Conc: N.D.



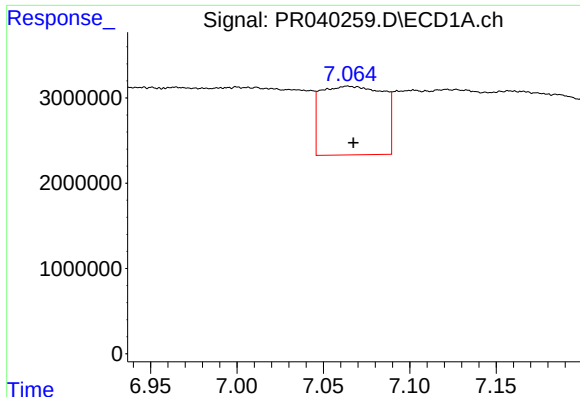
#33 AR-1260-3

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 29417045
Conc: 217.86 ng/ml



#33 AR-1260-3

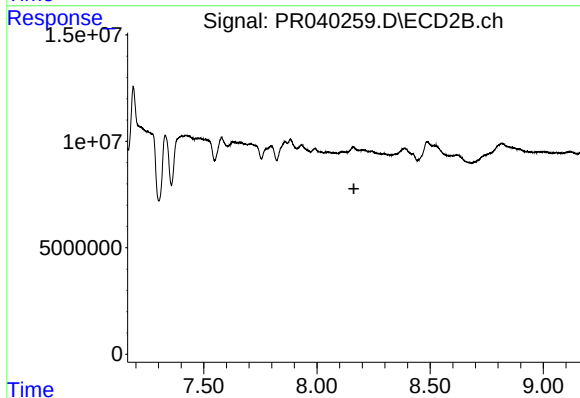
R.T.: 7.932 min
Delta R.T.: -0.003 min
Response: 9201245
Conc: 26.75 ng/ml



#34 AR-1260-4

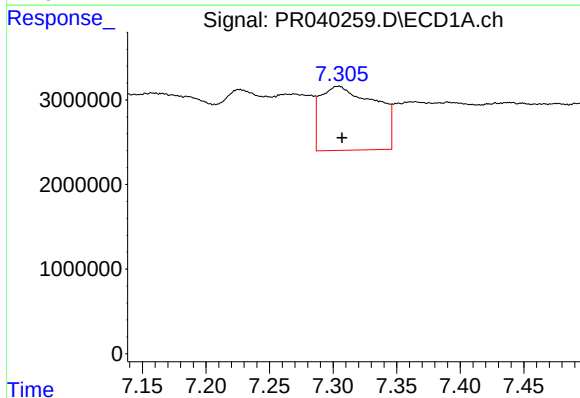
R.T.: 7.064 min
Delta R.T.: -0.003 min
Response: 20238783
Conc: 179.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



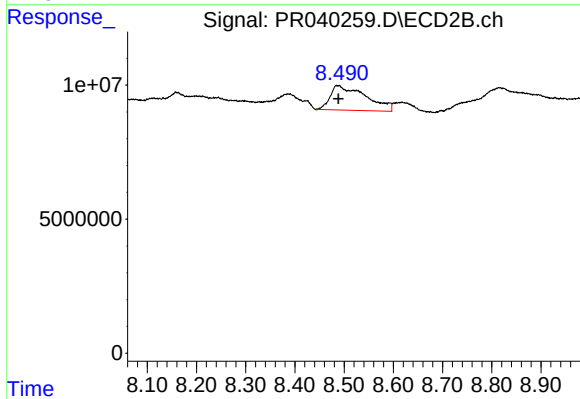
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.163 min
Response: 0
Conc: N.D.



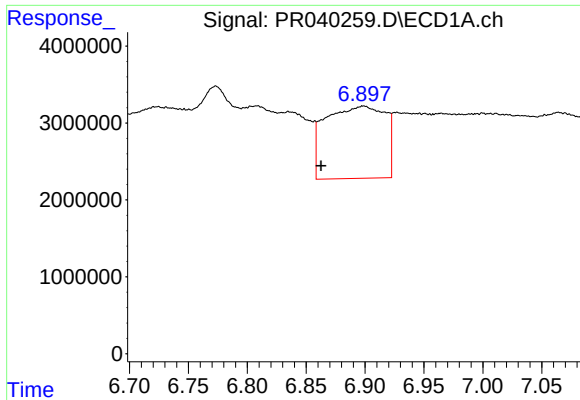
#35 AR-1260-5

R.T.: 7.304 min
Delta R.T.: -0.003 min
Response: 22953278
Conc: 81.43 ng/ml



#35 AR-1260-5

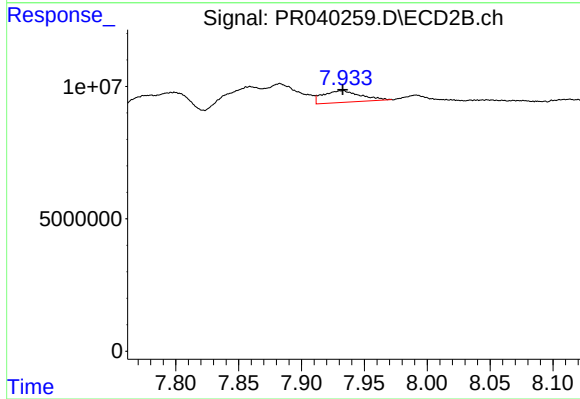
R.T.: 8.487 min
Delta R.T.: -0.001 min
Response: 46298434
Conc: 54.04 ng/ml



#36 AR-1262-1

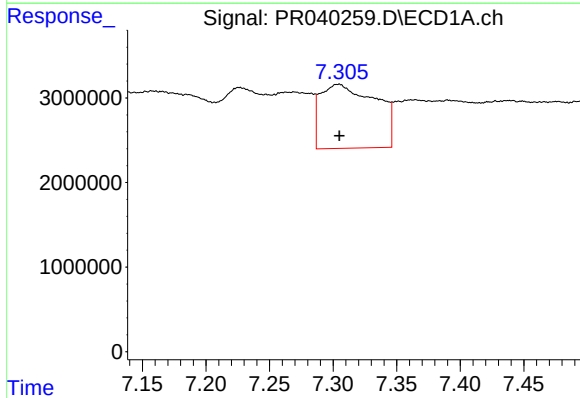
R.T.: 6.899 min
Delta R.T.: 0.036 min
Response: 33123184
Conc: 547.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



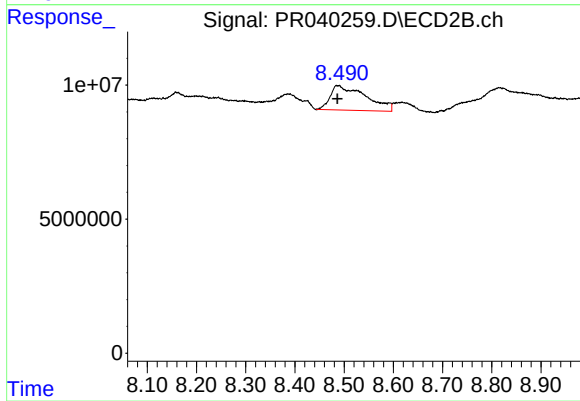
#36 AR-1262-1

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 9201245
Conc: 18.50 ng/ml



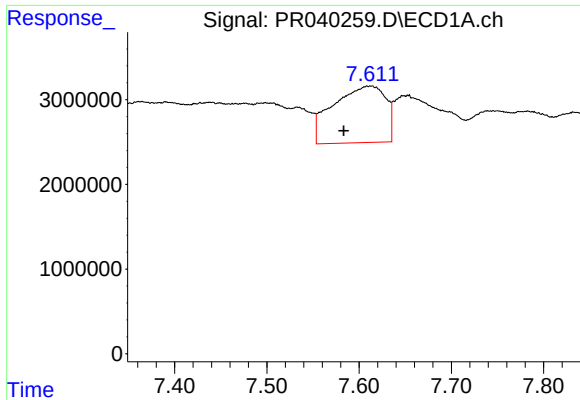
#37 AR-1262-2

R.T.: 7.304 min
Delta R.T.: 0.000 min
Response: 22953278
Conc: 79.03 ng/ml



#37 AR-1262-2

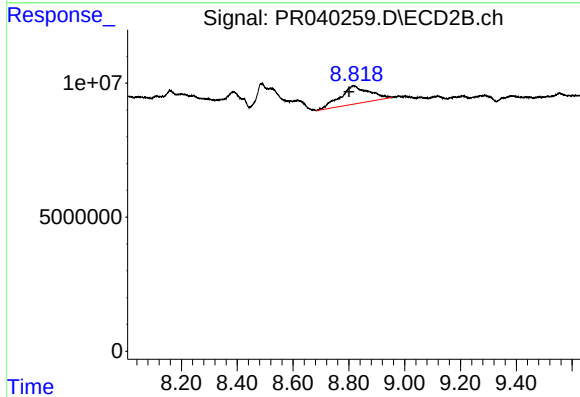
R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 46298434
Conc: 47.47 ng/ml



#38 AR-1262-3

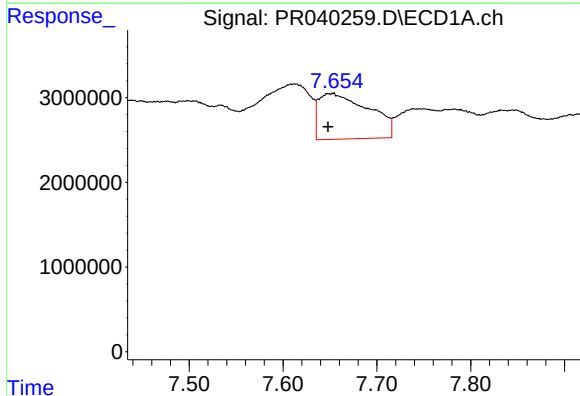
R.T.: 7.613 min
Delta R.T.: 0.030 min
Response: 26460492
Conc: 240.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



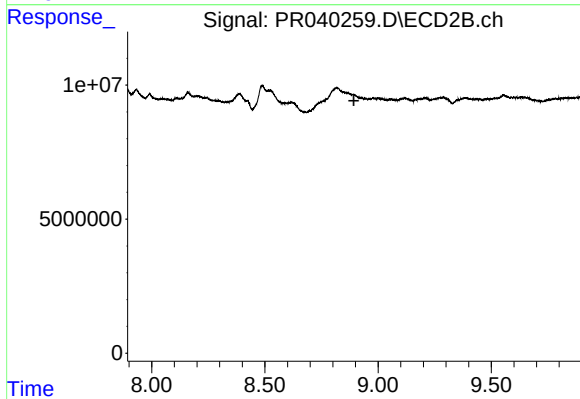
#38 AR-1262-3

R.T.: 8.815 min
Delta R.T.: 0.015 min
Response: 48453425
Conc: 74.51 ng/ml



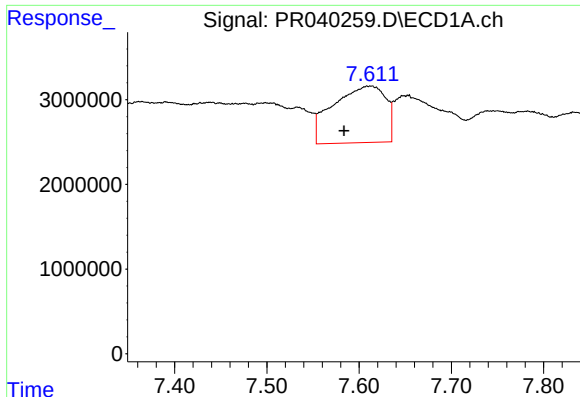
#39 AR-1262-4

R.T.: 7.653 min
Delta R.T.: 0.005 min
Response: 19995805
Conc: 94.99 ng/ml



#39 AR-1262-4

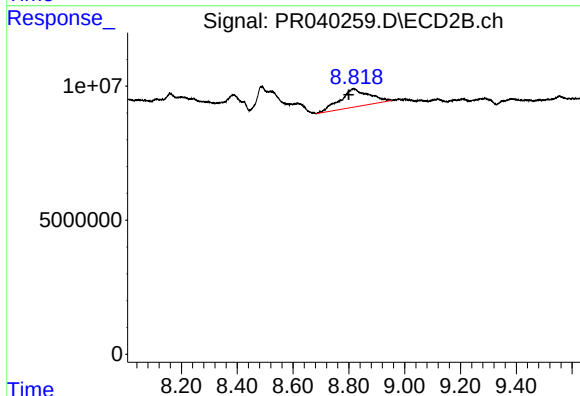
R.T.: 0.000 min
Exp R.T.: 8.893 min
Response: 0
Conc: N.D.



#41 AR-1268-1

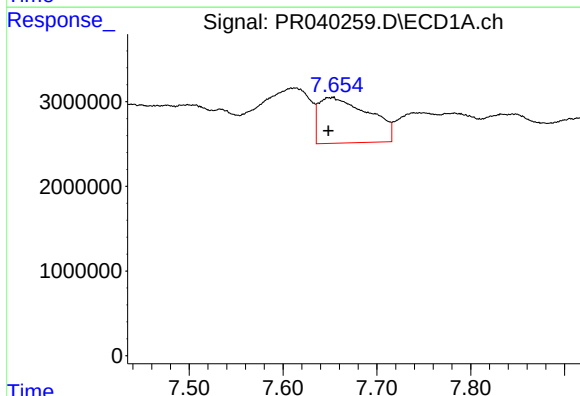
R.T.: 7.613 min
Delta R.T.: 0.030 min
Response: 26460492
Conc: 64.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



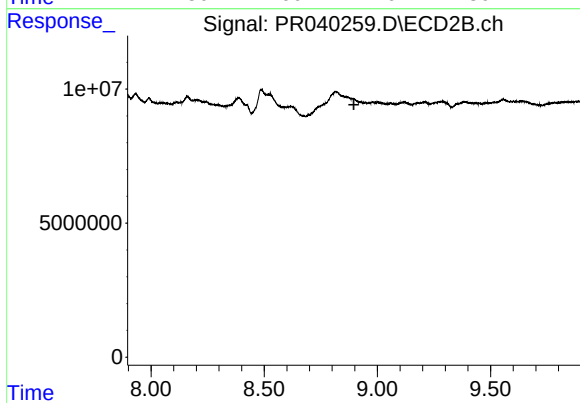
#41 AR-1268-1

R.T.: 8.815 min
Delta R.T.: 0.016 min
Response: 48453425
Conc: 33.77 ng/ml



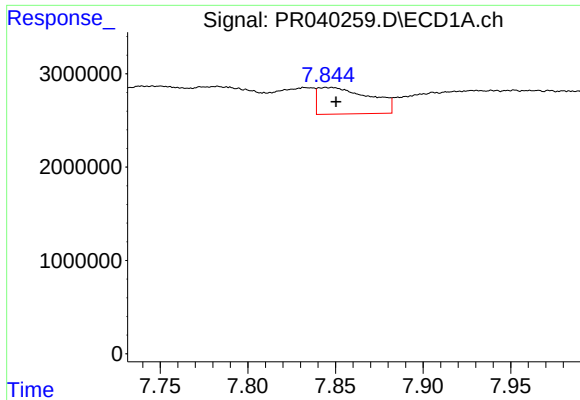
#42 AR-1268-2

R.T.: 7.653 min
Delta R.T.: 0.005 min
Response: 19995805
Conc: 52.14 ng/ml



#42 AR-1268-2

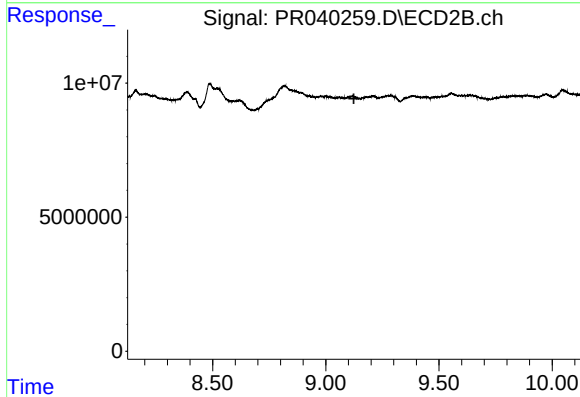
R.T.: 0.000 min
Exp R.T.: 8.896 min
Response: 0
Conc: N.D.



#43 AR-1268-3

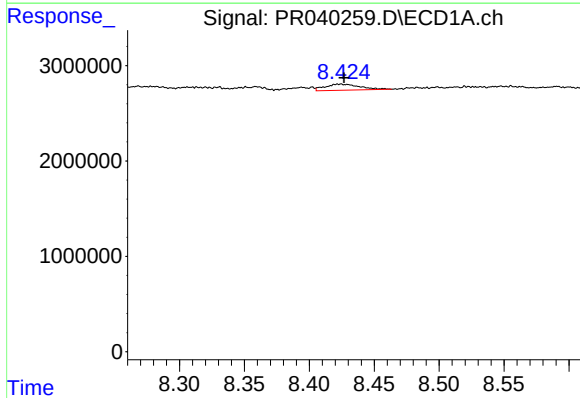
R.T.: 7.846 min
Delta R.T.: -0.004 min
Response: 5888881
Conc: 19.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
TP-18



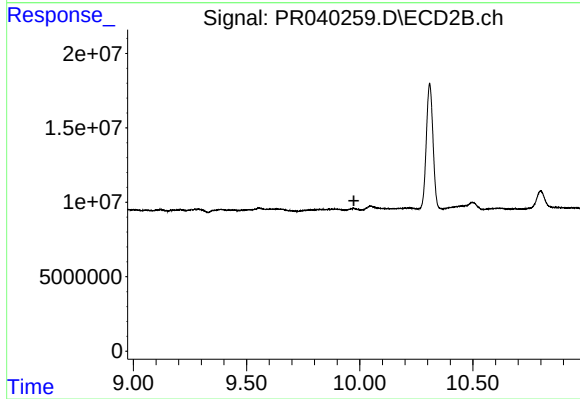
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.124 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.424 min
Delta R.T.: -0.003 min
Response: 1200679
Conc: 1.13 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.974 min
Response: 0
Conc: N.D.