

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR093019\
 Data File : PR041681.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2019 23:51
 Operator : SM\AJ
 Sample : K5026-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AW7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:20:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 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...	4.738	4.004	30758215	129.8E6	23.171	21.463
2)	SA Decachlor...	10.656	9.117	130.3E6	373.1E6	40.815	34.585
Target Compounds							
3)	L1 AR-1016-1	5.935	5.100	1137548	9094855	17.789	61.723 #
4)	L1 AR-1016-2	5.935	5.121	1137548	5154298	12.492	25.035 #
5)	L1 AR-1016-3	5.935f	5.303	1137548	2548158	20.730	21.533
6)	L1 AR-1016-4	0.000	5.338	0	6866022	N.D.	70.481 #
7)	L1 AR-1016-5	6.392	5.552	2302690	56289	46.545	0.405 #
8)	L2 AR-1221-1	0.000	4.255f	0	717826	N.D.	12.524 #
9)	L2 AR-1221-2	0.000	4.308	0	1241954	N.D.	35.612 #
10)	L2 AR-1221-3	0.000	4.380	0	1340445	N.D.	12.641 #
11)	L3 AR-1232-1	0.000	4.380	0	1340445	N.D.	16.630 #
12)	L3 AR-1232-2	0.000	5.121	0	5154298	N.D.	52.998 #
13)	L3 AR-1232-3	5.935	5.303	1137548	2548158	30.005	56.747 #
14)	L3 AR-1232-4	0.000	5.411	0	7156652	N.D.	170.859 #
15)	L3 AR-1232-5	6.196	5.552	1406634	56289	101.800	1.052 #
16)	L4 AR-1242-1	5.935	5.100	1137548	9094855	22.116	81.109 #
17)	L4 AR-1242-2	5.935	5.121	1137548	5154298	15.607	32.237 #
18)	L4 AR-1242-3	5.935f	5.303	1137548	2548158	25.727	28.092
19)	L4 AR-1242-4	0.000	5.411	0	7156652	N.D.	76.049 #
20)	L4 AR-1242-5	6.835	5.910	2494644	18850408	48.668	111.121 #
21)	L5 AR-1248-1	5.935	5.100	1137548	9094855	30.991	107.902 #
22)	L5 AR-1248-2	6.196	5.338	1406634	6866022	25.537	56.451 #
23)	L5 AR-1248-3	6.392	5.411	2302690	7156652	35.862	56.450 #
24)	L5 AR-1248-4	6.798	5.552	1517770	56289	17.784	0.335 #
25)	L5 AR-1248-5	6.835	5.964	2494644	8872197	30.615	40.748 #
26)	L6 AR-1254-1	6.767	5.910	3001644	18850408	36.070	58.126 #
27)	L6 AR-1254-2	6.984	6.057	9408362	19455071	66.956	63.682
28)	L6 AR-1254-3	7.376	6.462	4960786	57436604	29.278	102.646 #
29)	L6 AR-1254-4	7.639	6.689	7147273	24003222	52.653	56.246
30)	L6 AR-1254-5	8.058	7.110	10408346	29942901	67.688	51.758
31)	L7 AR-1260-1	7.515	6.598	5734998	19331251	48.430	49.633
32)	L7 AR-1260-2	7.770	6.779	8085596	17220075	54.791	31.943 #
33)	L7 AR-1260-3	8.132	6.936	3639910	9324545	31.386	19.962 #
34)	L7 AR-1260-4	8.366	7.409	5699530	7611361	39.919	17.959 #
35)	L7 AR-1260-5	8.709	7.648	8879468	27394619	28.821	22.490
36)	L8 AR-1262-1	8.187	7.110	2438909	29942901	31.666	89.461 #
37)	L8 AR-1262-2	8.709	7.648	8879468	27394619	23.420	19.837
38)	L8 AR-1262-3	9.042	7.934	9051846	17729135	34.331	30.998
39)	L8 AR-1262-4	9.142	7.999	5337621	20550565	27.030	20.279
40)	L8 AR-1262-5	9.845	8.515	4910957	19711932	31.365	35.213
41)	L9 AR-1268-1	9.042	7.934	9051846	17729135	18.823	10.477 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
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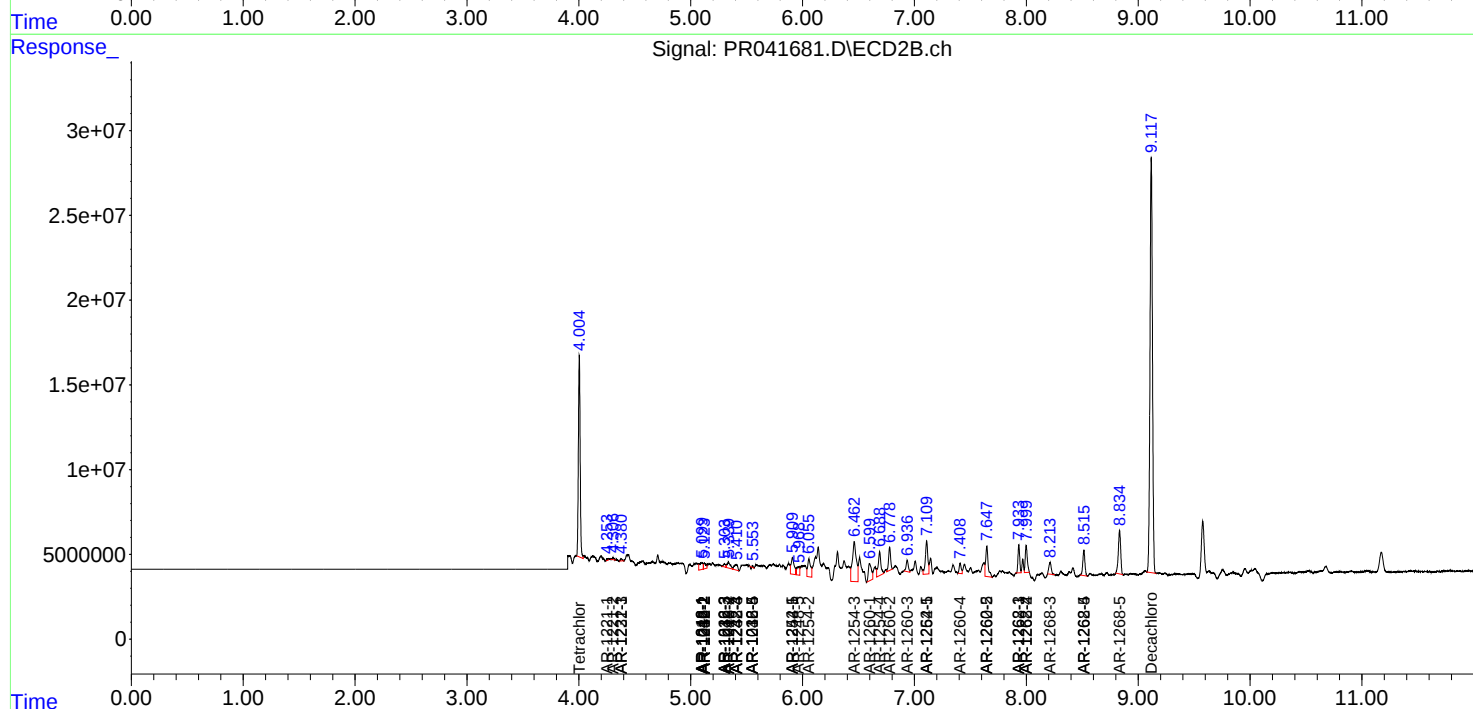
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

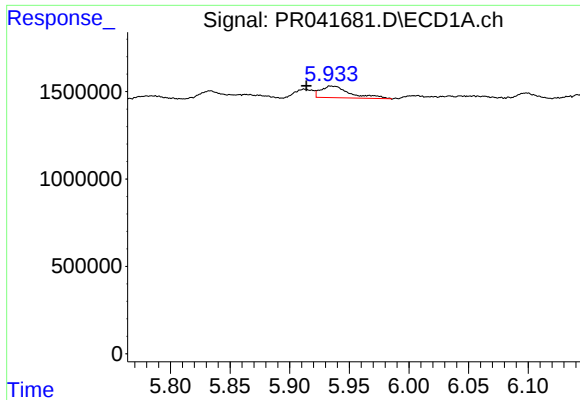
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.142	7.999	5337621	20550565	12.068	13.136
43) L9	AR-1268-3	9.385	8.213	1849793	10393897	5.006	7.856 #
44) L9	AR-1268-4	9.845	8.515	4910957	19711932	28.050	32.845
45) L9	AR-1268-5	10.292	8.834	14111370	37671959	9.978	8.546

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

Instrument :
ECD_R
ClientSampleId :
C0AW7

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

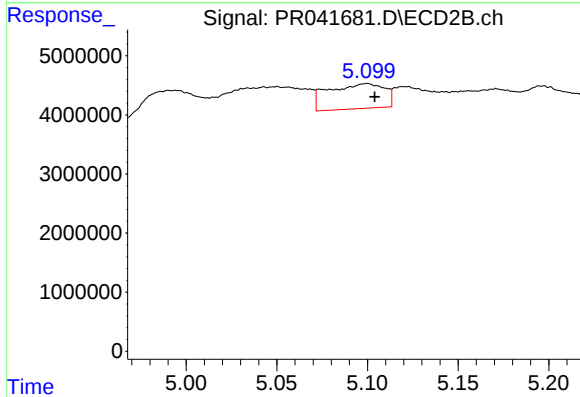




#3 AR-1016-1

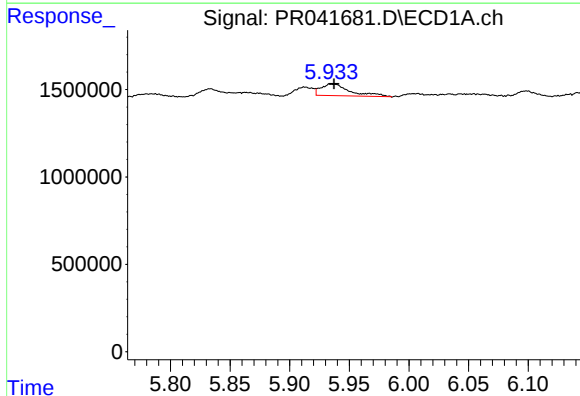
R.T.: 5.935 min
Delta R.T.: 0.021 min
Response: 1137548
Conc: 17.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



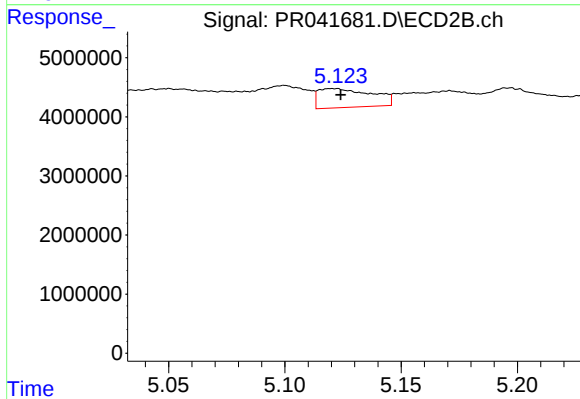
#3 AR-1016-1

R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 9094855
Conc: 61.72 ng/ml



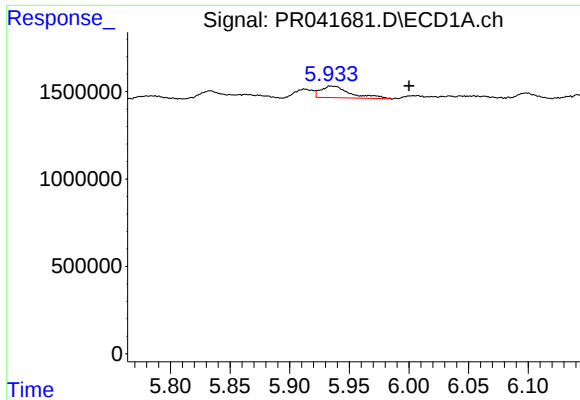
#4 AR-1016-2

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 1137548
Conc: 12.49 ng/ml



#4 AR-1016-2

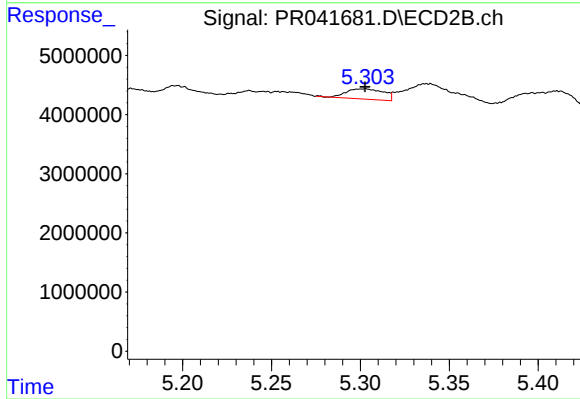
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 5154298
Conc: 25.04 ng/ml



#5 AR-1016-3

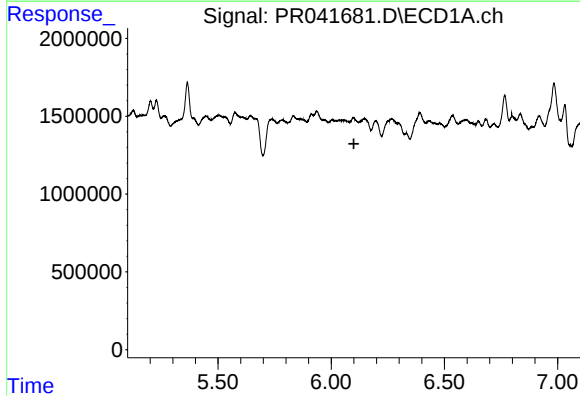
R.T.: 5.935 min
Delta R.T.: -0.065 min
Response: 1137548
Conc: 20.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



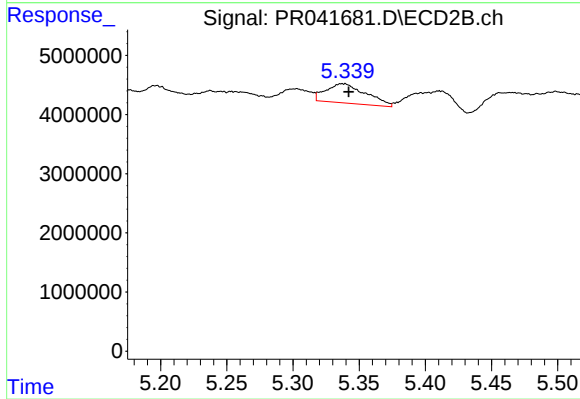
#5 AR-1016-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 2548158
Conc: 21.53 ng/ml



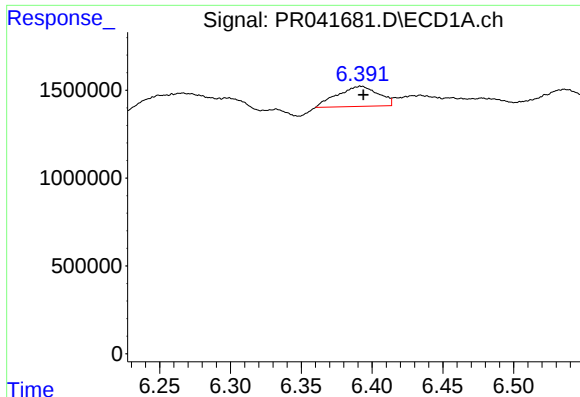
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.100 min
Response: 0
Conc: N.D.



#6 AR-1016-4

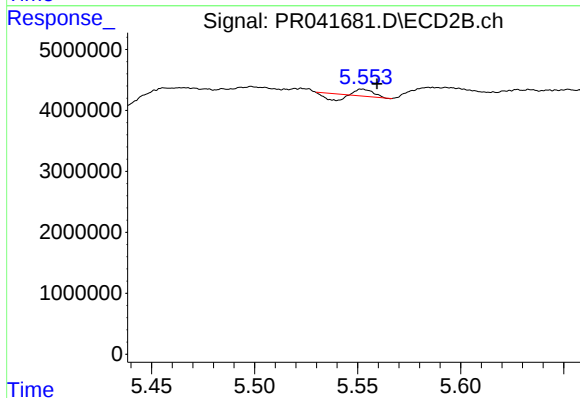
R.T.: 5.338 min
Delta R.T.: -0.004 min
Response: 6866022
Conc: 70.48 ng/ml



#7 AR-1016-5

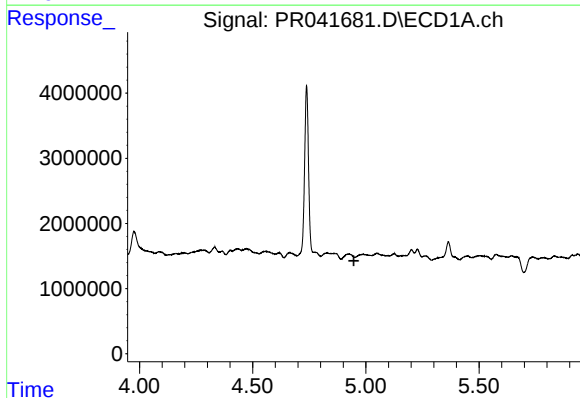
R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 2302690
Conc: 46.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



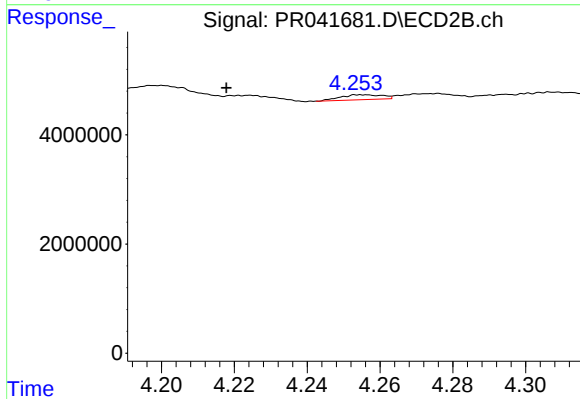
#7 AR-1016-5

R.T.: 5.552 min
Delta R.T.: -0.007 min
Response: 56289
Conc: 0.40 ng/ml



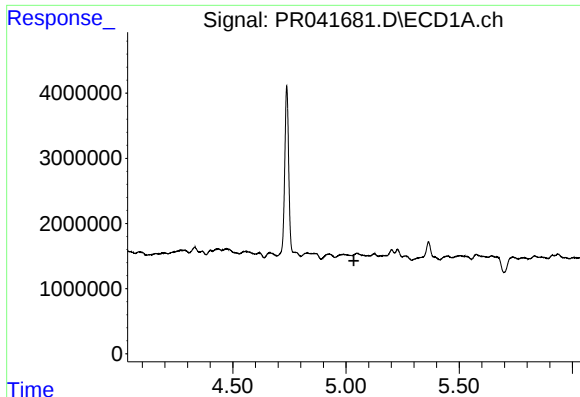
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#8 AR-1221-1

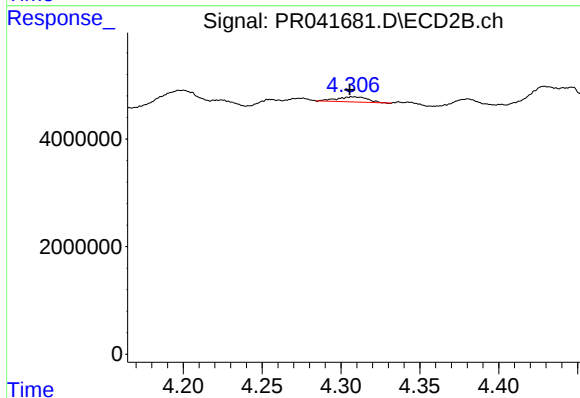
R.T.: 4.255 min
Delta R.T.: 0.037 min
Response: 717826
Conc: 12.52 ng/ml



#9 AR-1221-2

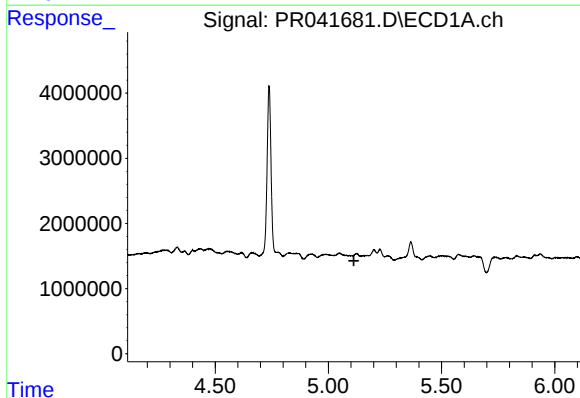
R.T.: 0.000 min
Exp R.T.: 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AW7



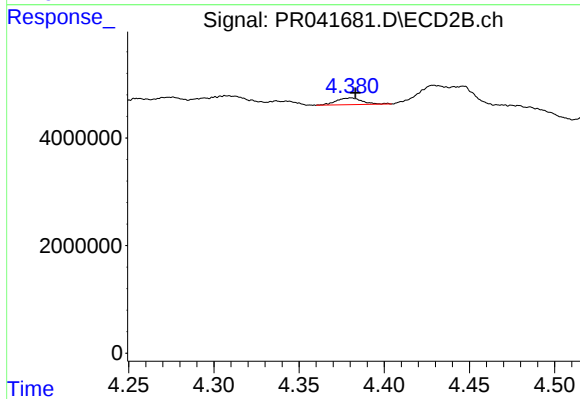
#9 AR-1221-2

R.T.: 4.308 min
Delta R.T.: 0.002 min
Response: 1241954
Conc: 35.61 ng/ml



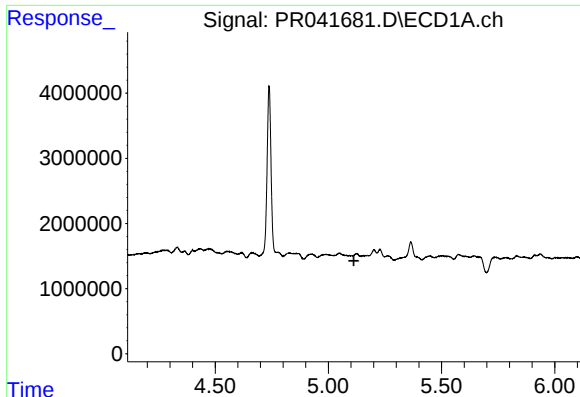
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.



#10 AR-1221-3

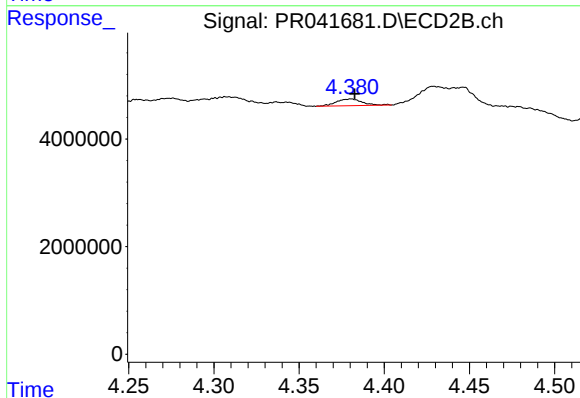
R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 1340445
Conc: 12.64 ng/ml



#11 AR-1232-1

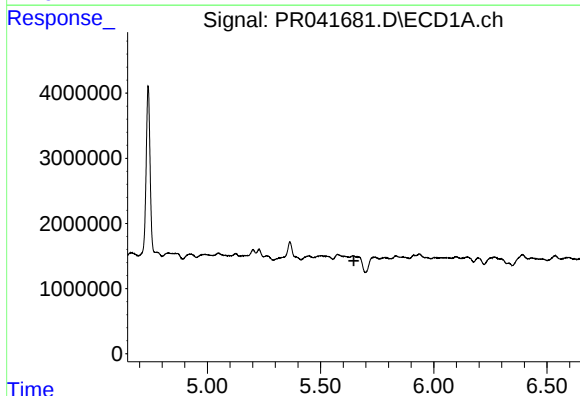
R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AW7



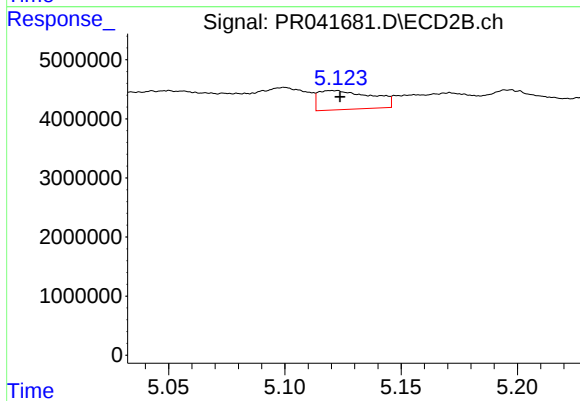
#11 AR-1232-1

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 1340445
Conc: 16.63 ng/ml



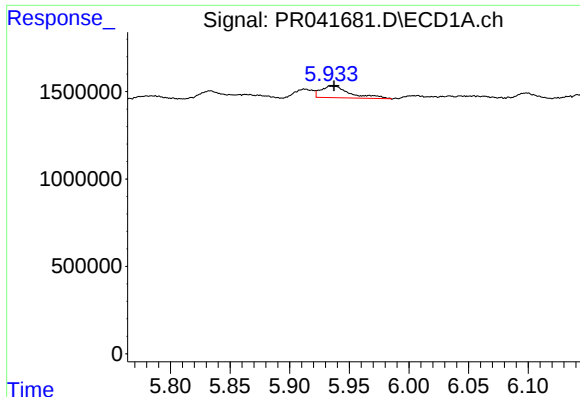
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.647 min
Response: 0
Conc: N.D.



#12 AR-1232-2

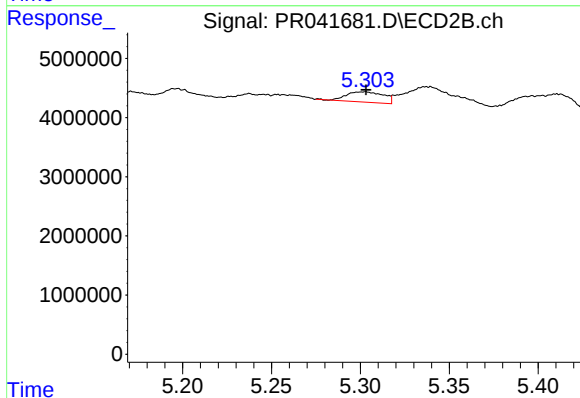
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 5154298
Conc: 53.00 ng/ml



#13 AR-1232-3

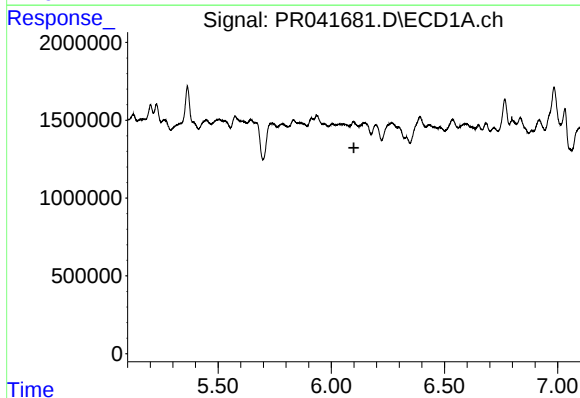
R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 1137548
Conc: 30.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



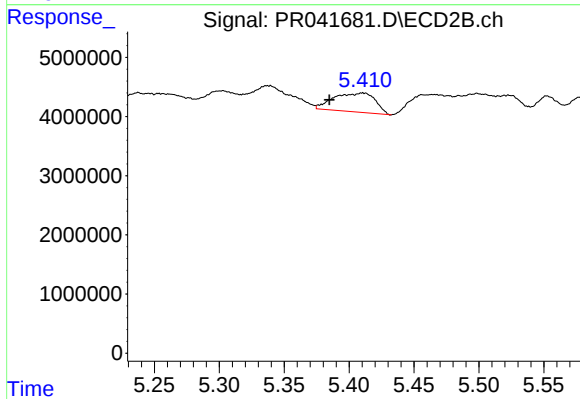
#13 AR-1232-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 2548158
Conc: 56.75 ng/ml



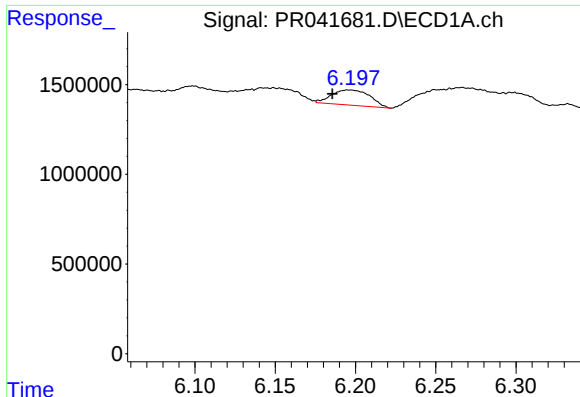
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.100 min
Response: 0
Conc: N.D.



#14 AR-1232-4

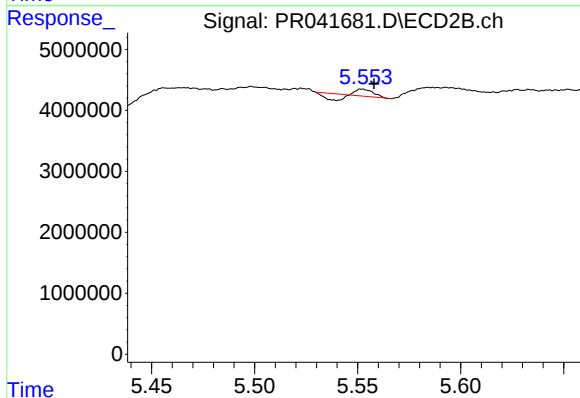
R.T.: 5.411 min
Delta R.T.: 0.026 min
Response: 7156652
Conc: 170.86 ng/ml



#15 AR-1232-5

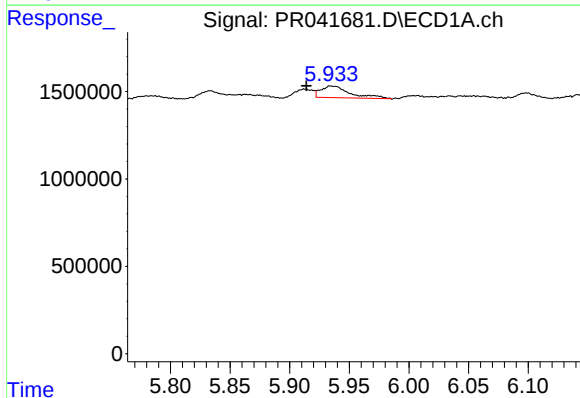
R.T.: 6.196 min
Delta R.T.: 0.011 min
Response: 1406634
Conc: 101.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



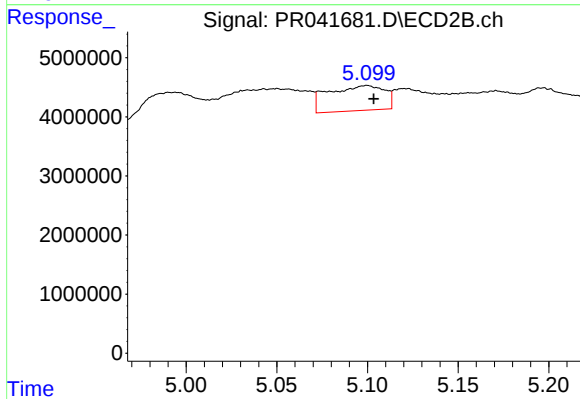
#15 AR-1232-5

R.T.: 5.552 min
Delta R.T.: -0.006 min
Response: 56289
Conc: 1.05 ng/ml



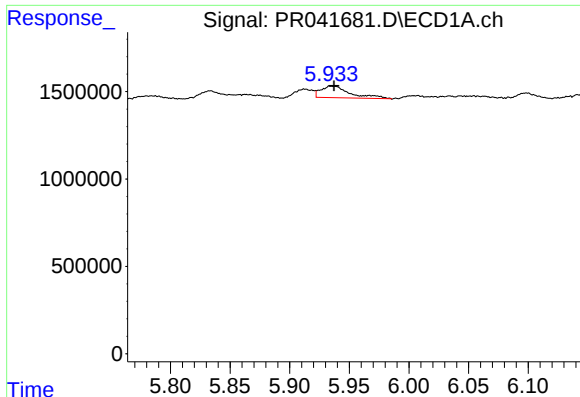
#16 AR-1242-1

R.T.: 5.935 min
Delta R.T.: 0.021 min
Response: 1137548
Conc: 22.12 ng/ml



#16 AR-1242-1

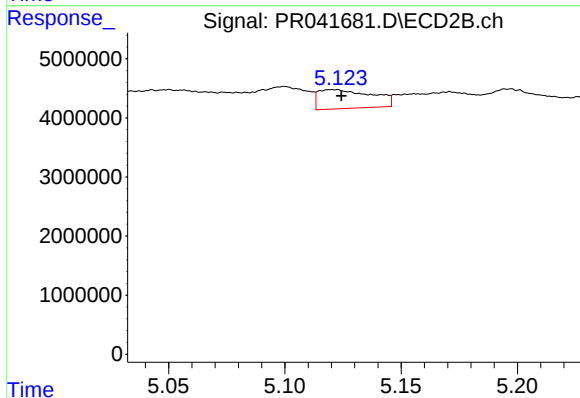
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 9094855
Conc: 81.11 ng/ml



#17 AR-1242-2

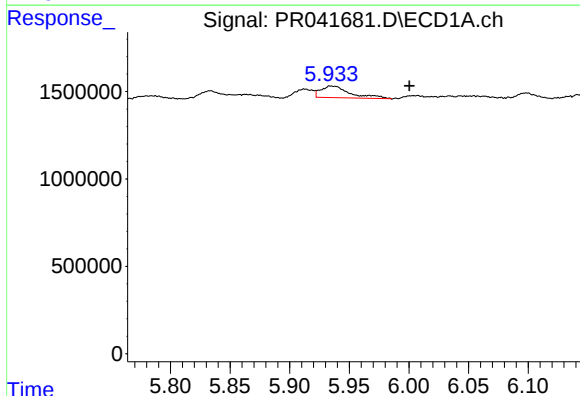
R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 1137548
Conc: 15.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



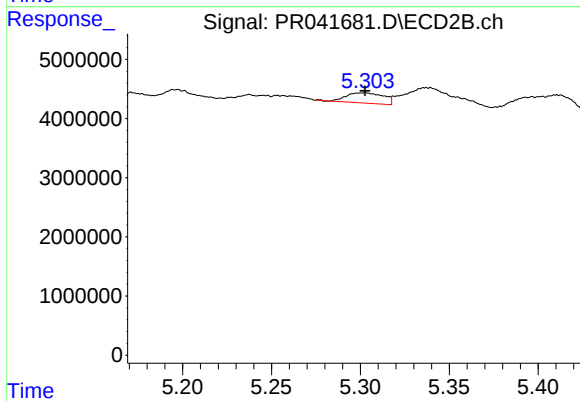
#17 AR-1242-2

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 5154298
Conc: 32.24 ng/ml



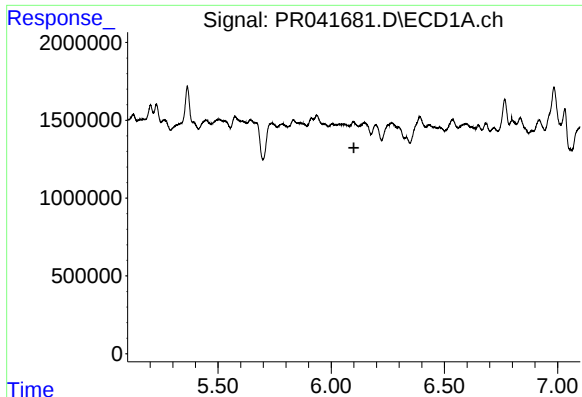
#18 AR-1242-3

R.T.: 5.935 min
Delta R.T.: -0.065 min
Response: 1137548
Conc: 25.73 ng/ml



#18 AR-1242-3

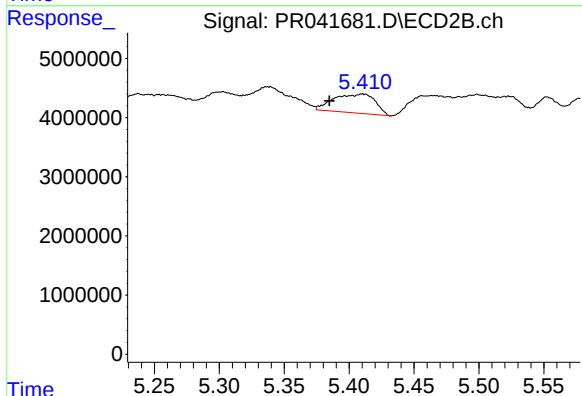
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 2548158
Conc: 28.09 ng/ml



#19 AR-1242-4

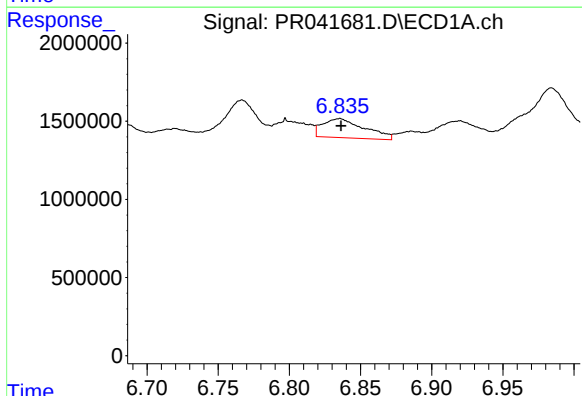
R.T.: 0.000 min
Exp R.T.: 6.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AW7



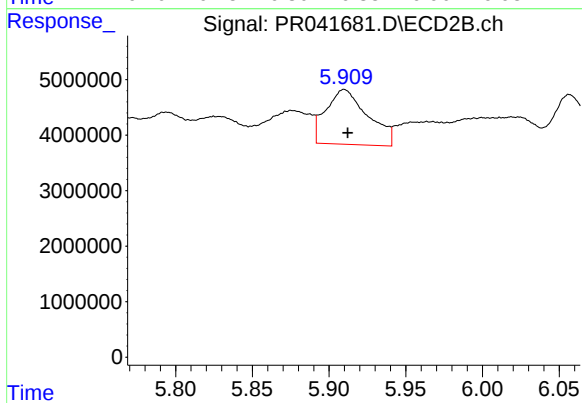
#19 AR-1242-4

R.T.: 5.411 min
Delta R.T.: 0.026 min
Response: 7156652
Conc: 76.05 ng/ml



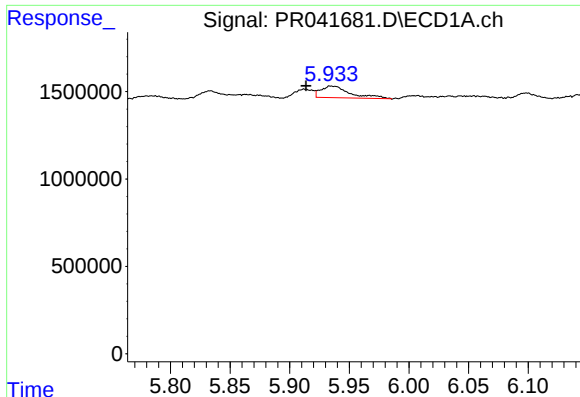
#20 AR-1242-5

R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 2494644
Conc: 48.67 ng/ml



#20 AR-1242-5

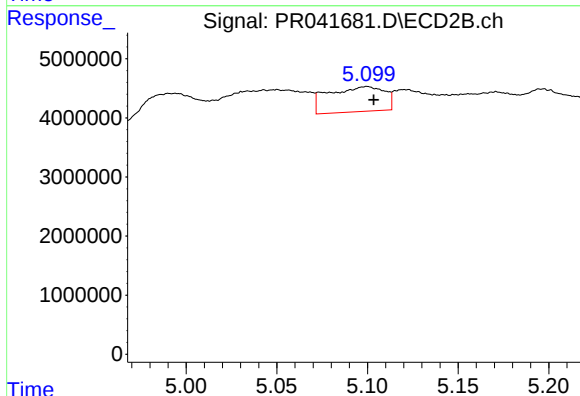
R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 18850408
Conc: 111.12 ng/ml



#21 AR-1248-1

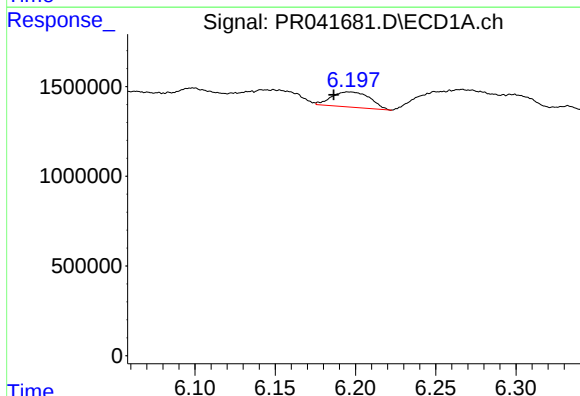
R.T.: 5.935 min
Delta R.T.: 0.021 min
Response: 1137548
Conc: 30.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



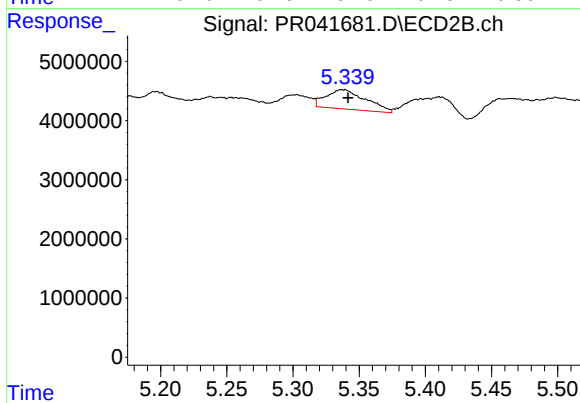
#21 AR-1248-1

R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 9094855
Conc: 107.90 ng/ml



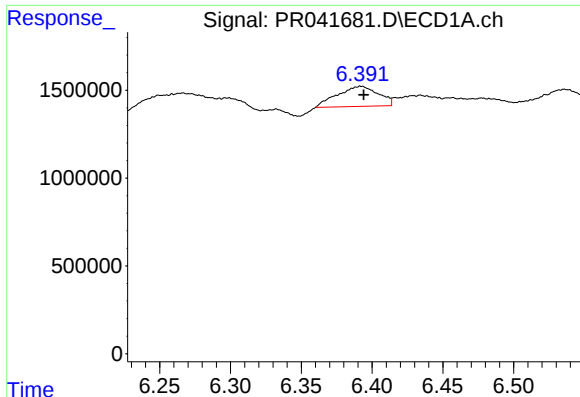
#22 AR-1248-2

R.T.: 6.196 min
Delta R.T.: 0.010 min
Response: 1406634
Conc: 25.54 ng/ml



#22 AR-1248-2

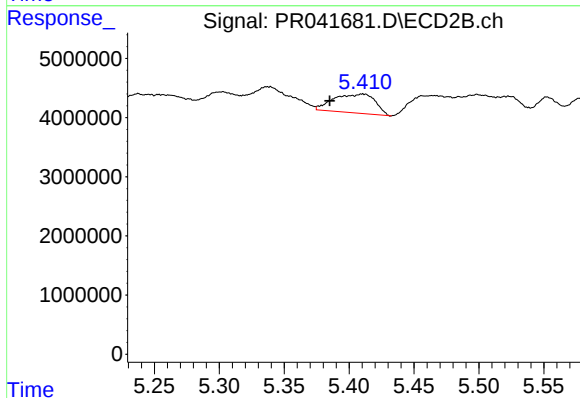
R.T.: 5.338 min
Delta R.T.: -0.004 min
Response: 6866022
Conc: 56.45 ng/ml



#23 AR-1248-3

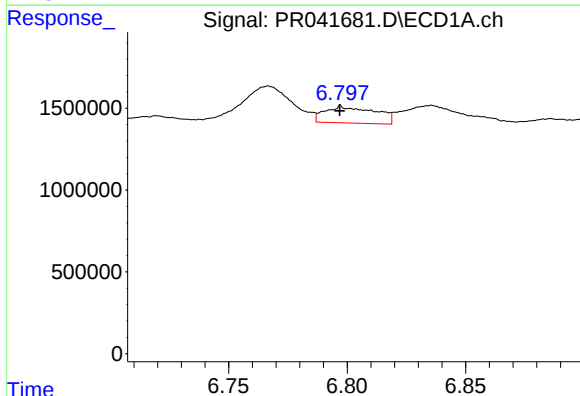
R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 2302690
Conc: 35.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



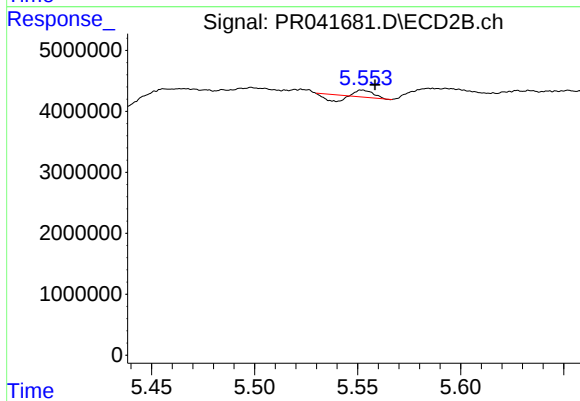
#23 AR-1248-3

R.T.: 5.411 min
Delta R.T.: 0.026 min
Response: 7156652
Conc: 56.45 ng/ml



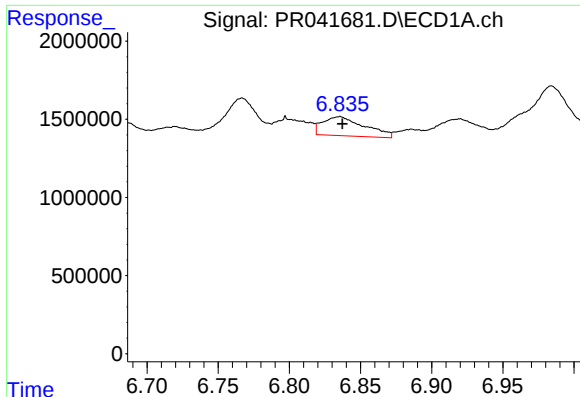
#24 AR-1248-4

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 1517770
Conc: 17.78 ng/ml



#24 AR-1248-4

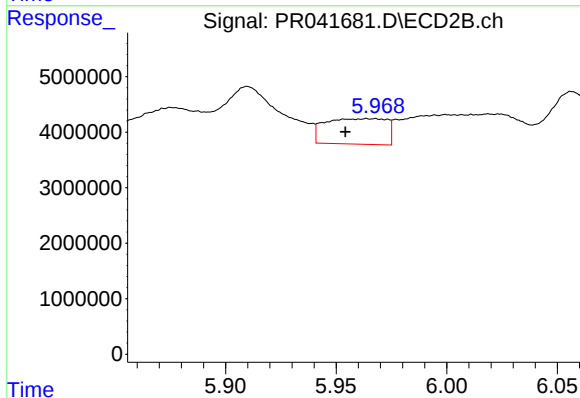
R.T.: 5.552 min
Delta R.T.: -0.006 min
Response: 56289
Conc: 0.34 ng/ml



#25 AR-1248-5

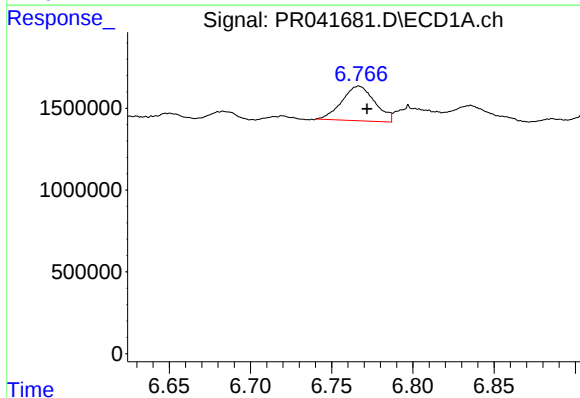
R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 2494644
Conc: 30.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



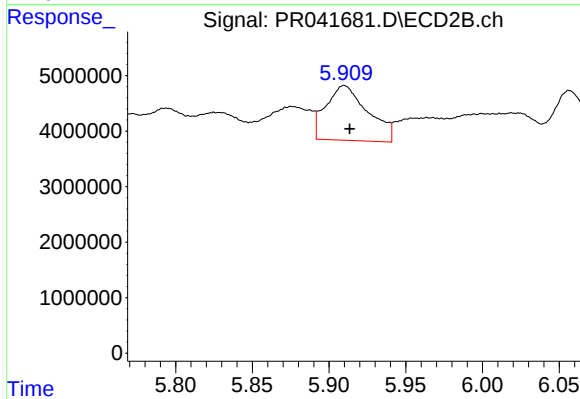
#25 AR-1248-5

R.T.: 5.964 min
Delta R.T.: 0.010 min
Response: 8872197
Conc: 40.75 ng/ml



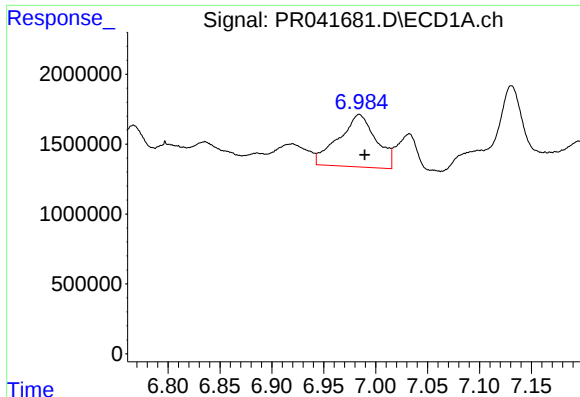
#26 AR-1254-1

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 3001644
Conc: 36.07 ng/ml



#26 AR-1254-1

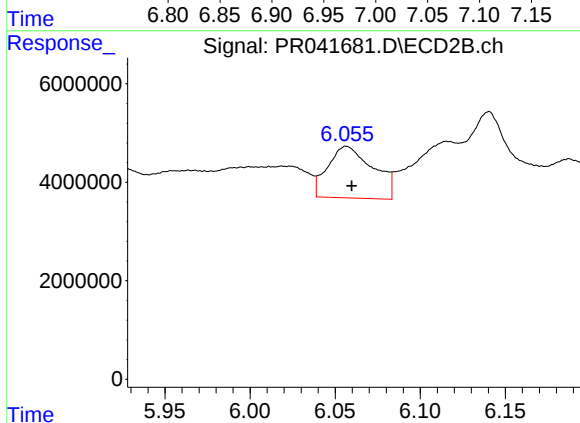
R.T.: 5.910 min
Delta R.T.: -0.004 min
Response: 18850408
Conc: 58.13 ng/ml



#27 AR-1254-2

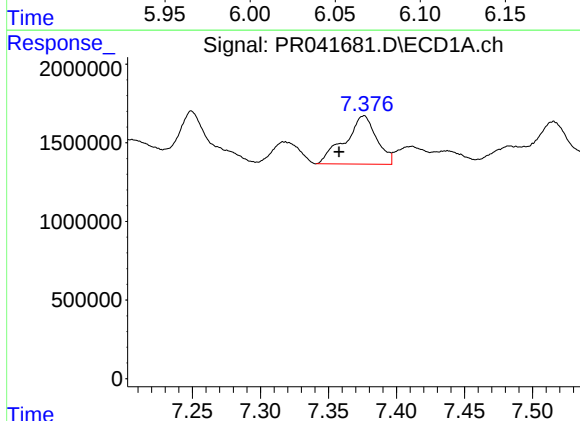
R.T.: 6.984 min
Delta R.T.: -0.005 min
Response: 9408362
Conc: 66.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



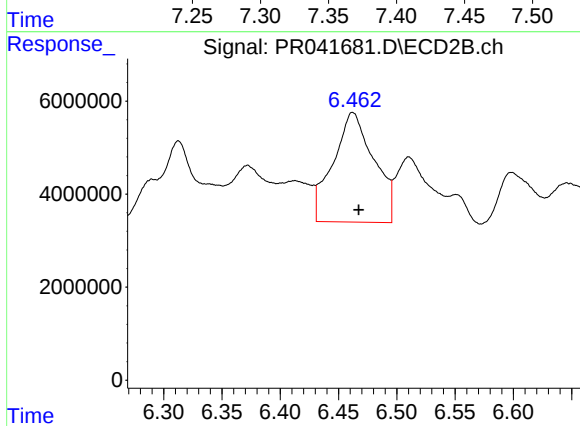
#27 AR-1254-2

R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 19455071
Conc: 63.68 ng/ml



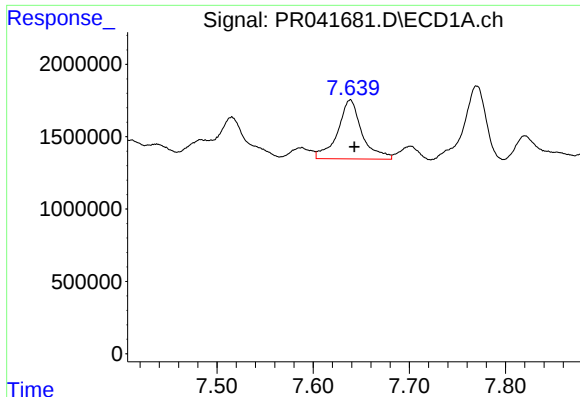
#28 AR-1254-3

R.T.: 7.376 min
Delta R.T.: 0.018 min
Response: 4960786
Conc: 29.28 ng/ml



#28 AR-1254-3

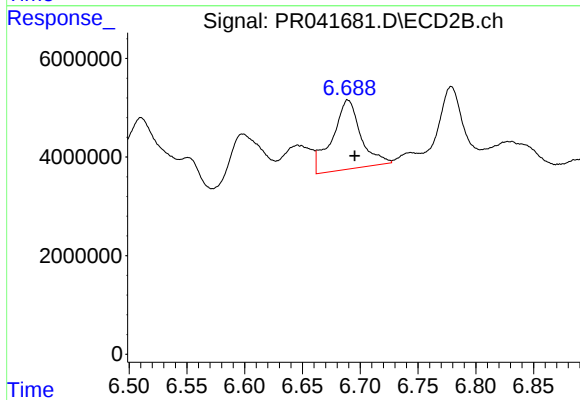
R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 57436604
Conc: 102.65 ng/ml



#29 AR-1254-4

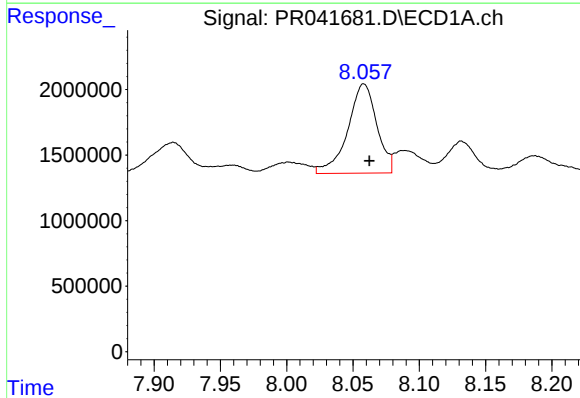
R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 7147273
Conc: 52.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



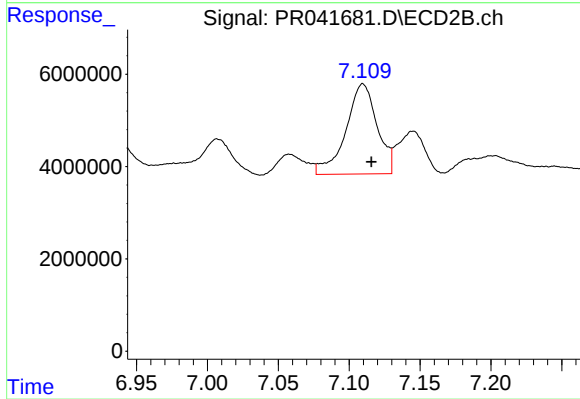
#29 AR-1254-4

R.T.: 6.689 min
Delta R.T.: -0.006 min
Response: 24003222
Conc: 56.25 ng/ml



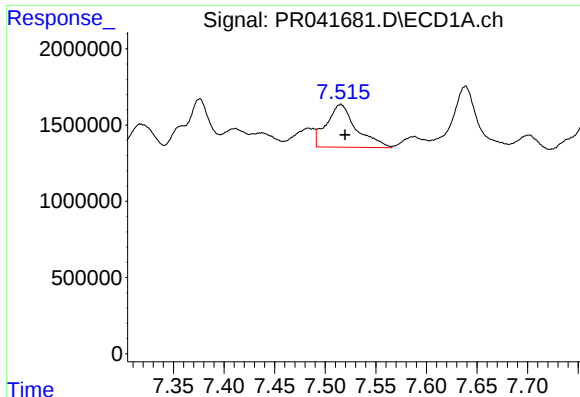
#30 AR-1254-5

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 10408346
Conc: 67.69 ng/ml



#30 AR-1254-5

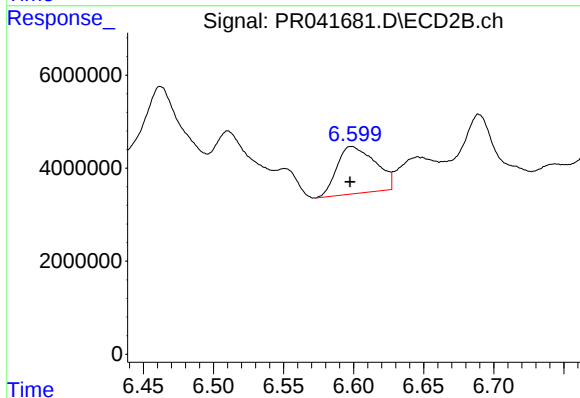
R.T.: 7.110 min
Delta R.T.: -0.006 min
Response: 29942901
Conc: 51.76 ng/ml



#31 AR-1260-1

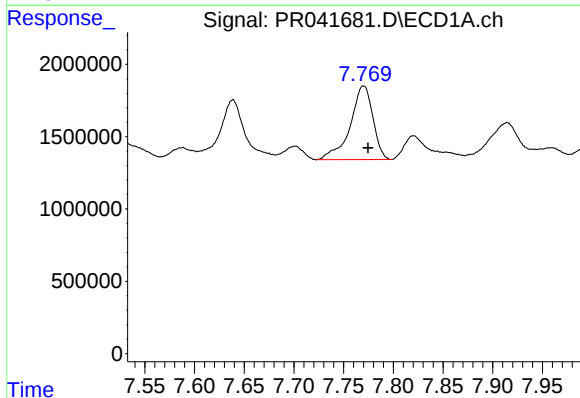
R.T.: 7.515 min
Delta R.T.: -0.004 min
Response: 5734998
Conc: 48.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



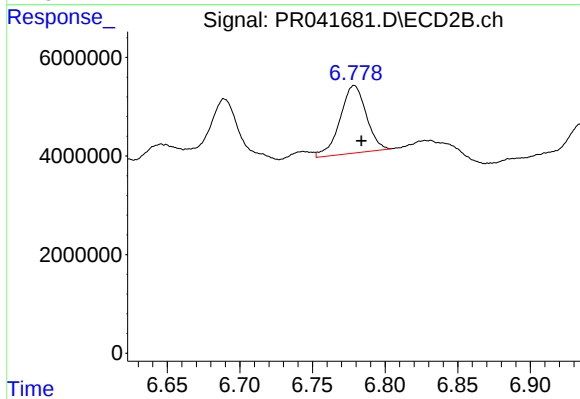
#31 AR-1260-1

R.T.: 6.598 min
Delta R.T.: 0.001 min
Response: 19331251
Conc: 49.63 ng/ml



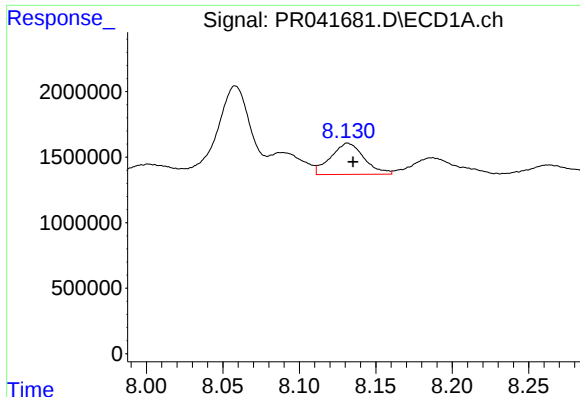
#32 AR-1260-2

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 8085596
Conc: 54.79 ng/ml



#32 AR-1260-2

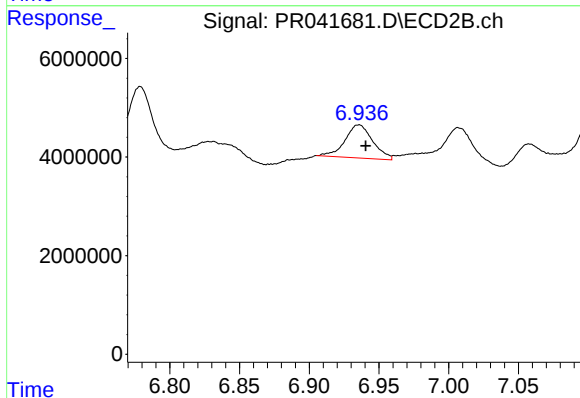
R.T.: 6.779 min
Delta R.T.: -0.005 min
Response: 17220075
Conc: 31.94 ng/ml



#33 AR-1260-3

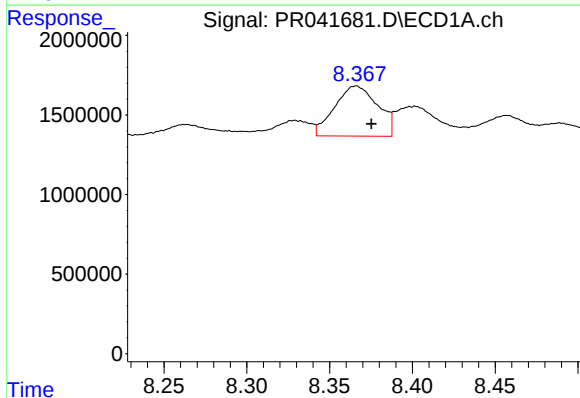
R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 3639910
Conc: 31.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



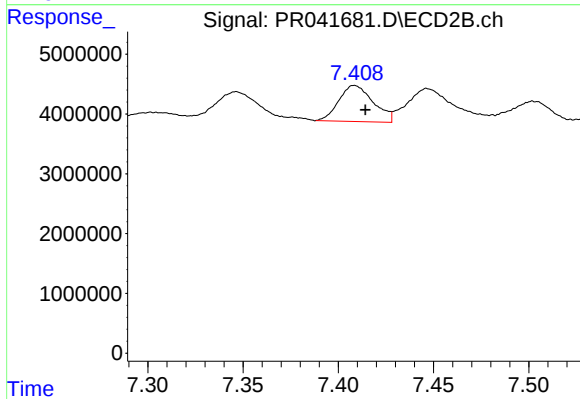
#33 AR-1260-3

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 9324545
Conc: 19.96 ng/ml



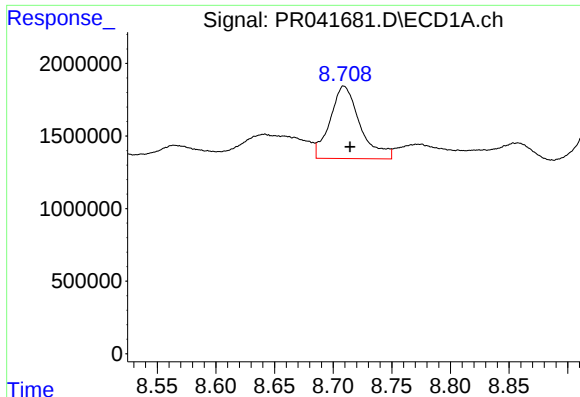
#34 AR-1260-4

R.T.: 8.366 min
Delta R.T.: -0.009 min
Response: 5699530
Conc: 39.92 ng/ml



#34 AR-1260-4

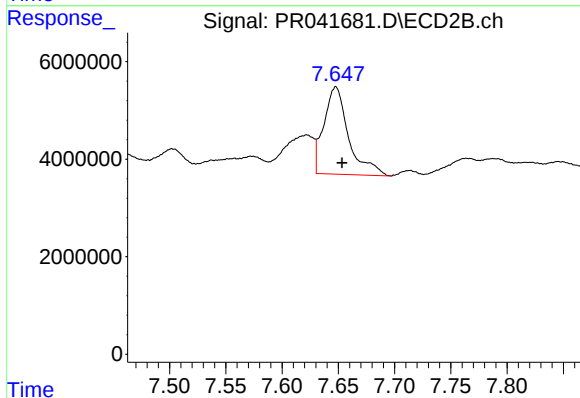
R.T.: 7.409 min
Delta R.T.: -0.006 min
Response: 7611361
Conc: 17.96 ng/ml



#35 AR-1260-5

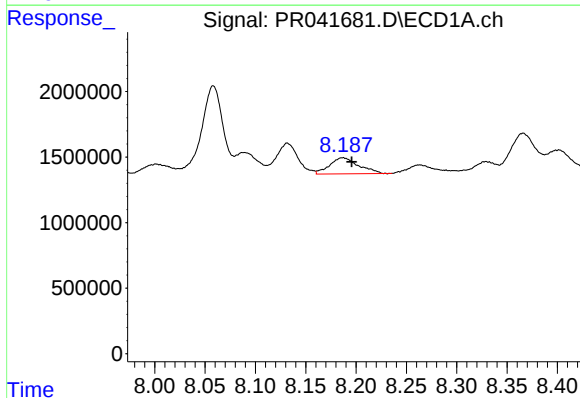
R.T.: 8.709 min
Delta R.T.: -0.005 min
Response: 8879468
Conc: 28.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



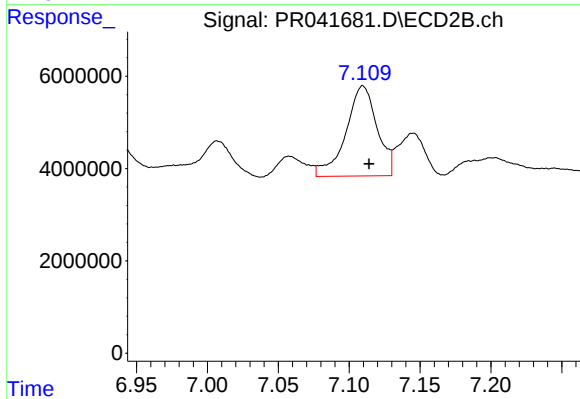
#35 AR-1260-5

R.T.: 7.648 min
Delta R.T.: -0.006 min
Response: 27394619
Conc: 22.49 ng/ml



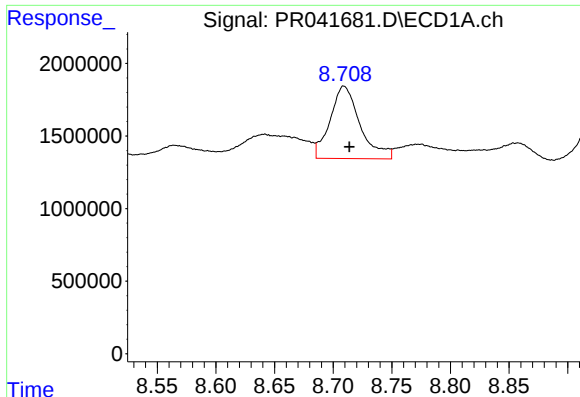
#36 AR-1262-1

R.T.: 8.187 min
Delta R.T.: -0.009 min
Response: 2438909
Conc: 31.67 ng/ml



#36 AR-1262-1

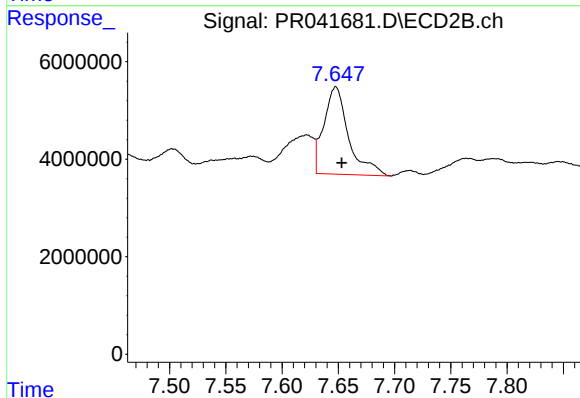
R.T.: 7.110 min
Delta R.T.: -0.004 min
Response: 29942901
Conc: 89.46 ng/ml



#37 AR-1262-2

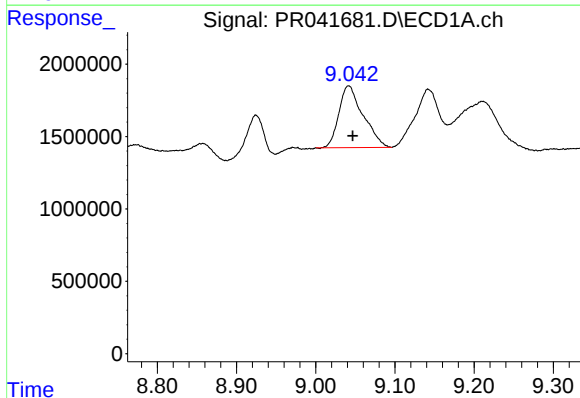
R.T.: 8.709 min
Delta R.T.: -0.005 min
Response: 8879468
Conc: 23.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



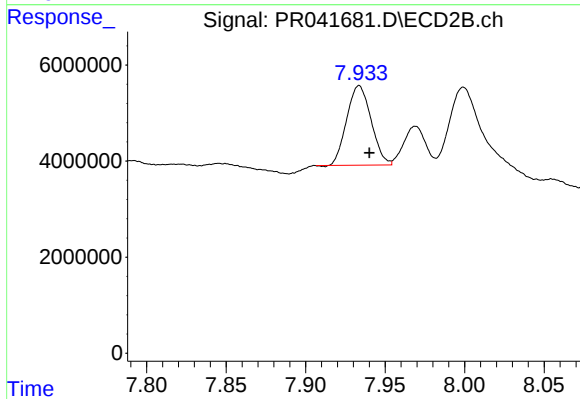
#37 AR-1262-2

R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 27394619
Conc: 19.84 ng/ml



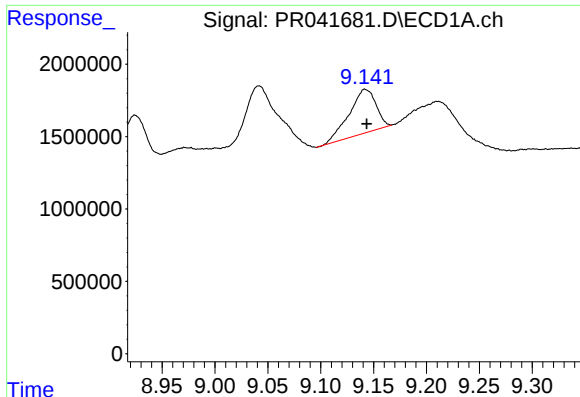
#38 AR-1262-3

R.T.: 9.042 min
Delta R.T.: -0.005 min
Response: 9051846
Conc: 34.33 ng/ml



#38 AR-1262-3

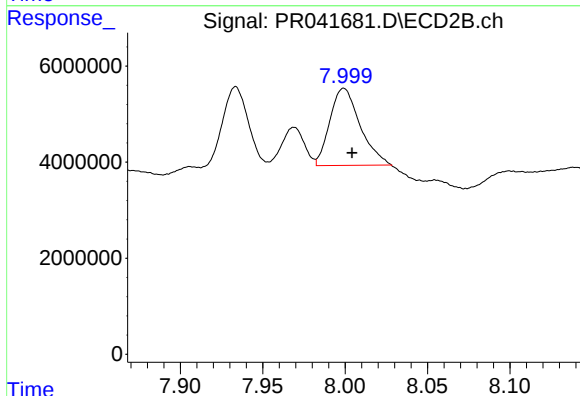
R.T.: 7.934 min
Delta R.T.: -0.006 min
Response: 17729135
Conc: 31.00 ng/ml



#39 AR-1262-4

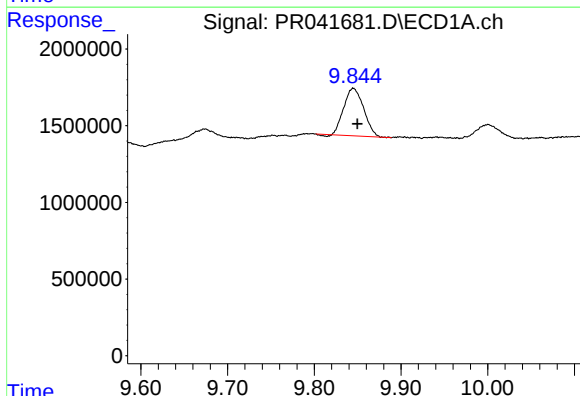
R.T.: 9.142 min
Delta R.T.: -0.001 min
Response: 5337621
Conc: 27.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



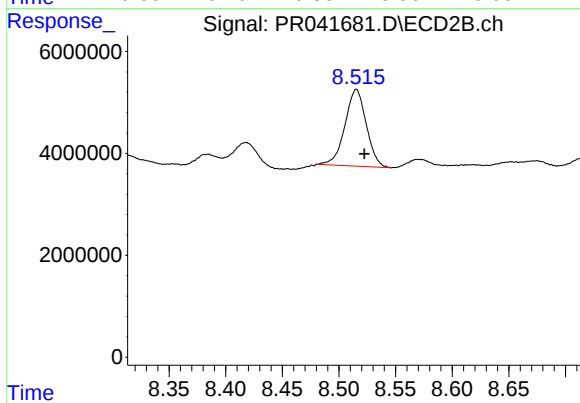
#39 AR-1262-4

R.T.: 7.999 min
Delta R.T.: -0.005 min
Response: 20550565
Conc: 20.28 ng/ml



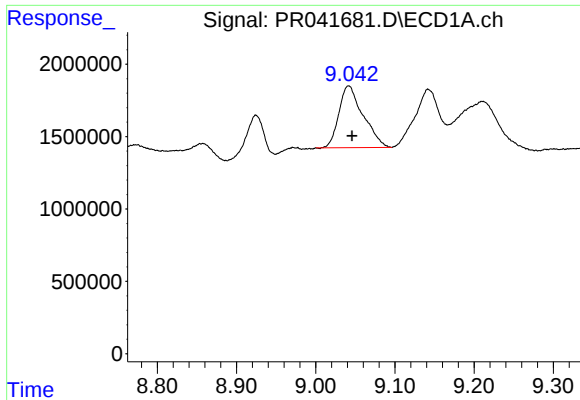
#40 AR-1262-5

R.T.: 9.845 min
Delta R.T.: -0.005 min
Response: 4910957
Conc: 31.36 ng/ml



#40 AR-1262-5

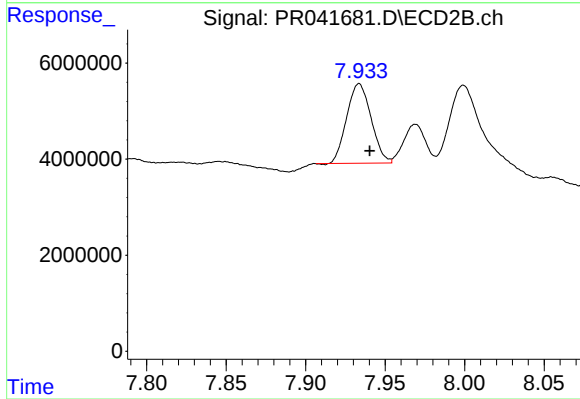
R.T.: 8.515 min
Delta R.T.: -0.007 min
Response: 19711932
Conc: 35.21 ng/ml



#41 AR-1268-1

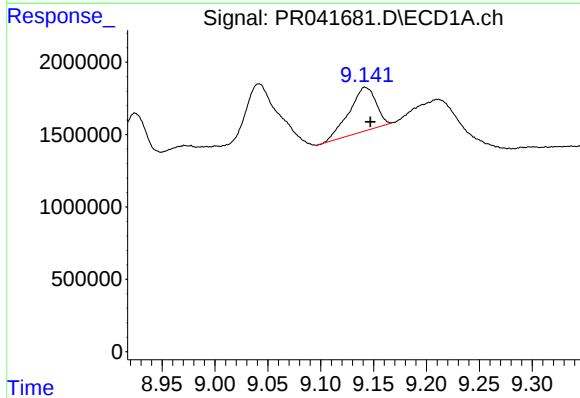
R.T.: 9.042 min
Delta R.T.: -0.004 min
Response: 9051846
Conc: 18.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



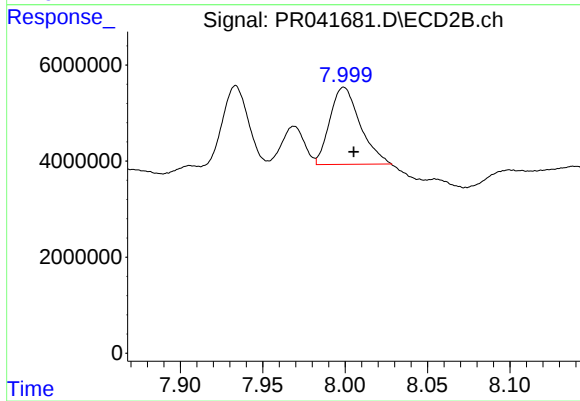
#41 AR-1268-1

R.T.: 7.934 min
Delta R.T.: -0.007 min
Response: 17729135
Conc: 10.48 ng/ml



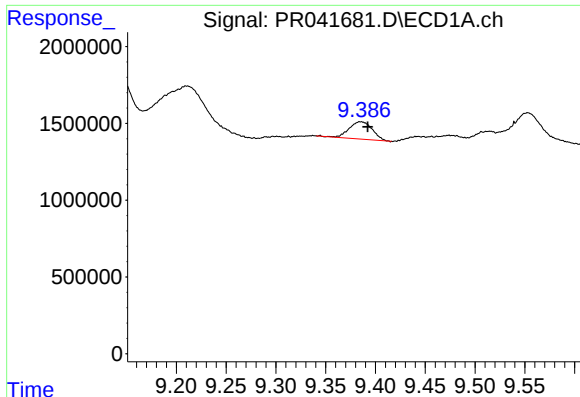
#42 AR-1268-2

R.T.: 9.142 min
Delta R.T.: -0.005 min
Response: 5337621
Conc: 12.07 ng/ml



#42 AR-1268-2

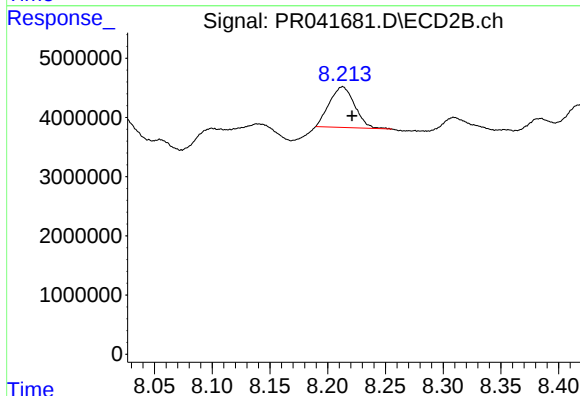
R.T.: 7.999 min
Delta R.T.: -0.006 min
Response: 20550565
Conc: 13.14 ng/ml



#43 AR-1268-3

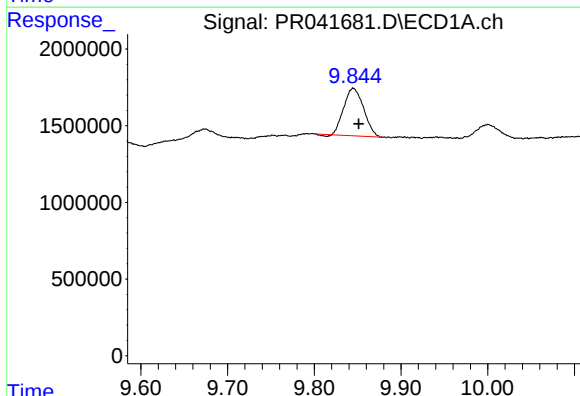
R.T.: 9.385 min
Delta R.T.: -0.007 min
Response: 1849793
Conc: 5.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



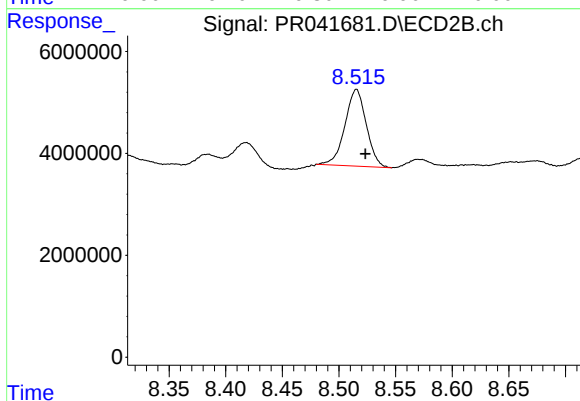
#43 AR-1268-3

R.T.: 8.213 min
Delta R.T.: -0.008 min
Response: 10393897
Conc: 7.86 ng/ml



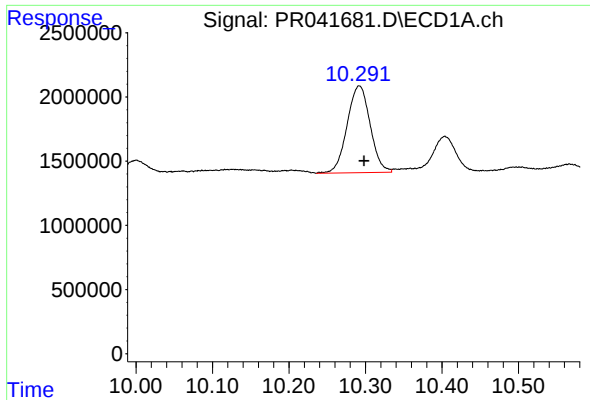
#44 AR-1268-4

R.T.: 9.845 min
Delta R.T.: -0.006 min
Response: 4910957
Conc: 28.05 ng/ml



#44 AR-1268-4

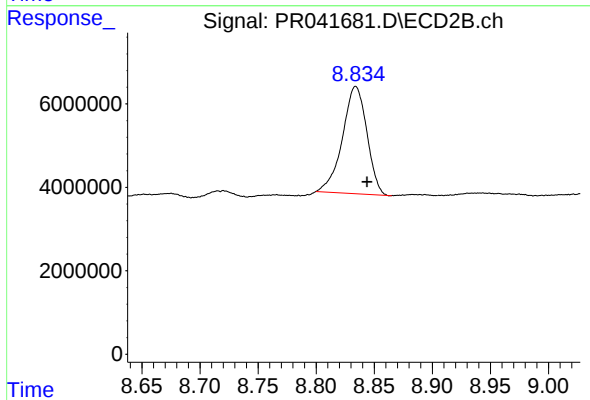
R.T.: 8.515 min
Delta R.T.: -0.008 min
Response: 19711932
Conc: 32.84 ng/ml



#45 AR-1268-5

R.T.: 10.292 min
Delta R.T.: -0.006 min
Response: 14111370
Conc: 9.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW7



#45 AR-1268-5

R.T.: 8.834 min
Delta R.T.: -0.010 min
Response: 37671959
Conc: 8.55 ng/ml