

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR031419\
 Data File : PR036197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2019 20:09
 Operator : SM\SJ
 Sample : K1901-03
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 00:46:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR030119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 07 10:54:32 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...	4.409	3.485	5147096	18679539	3.239	3.557
2)	SA Decachlor...	10.065	8.352	6930123	24579028	4.333	3.745
Target Compounds							
3)	L1 AR-1016-1	5.627	4.518	1426964	1741974	26.670	9.362 #
4)	L1 AR-1016-2	5.627	4.518	1426964	1741974	16.328	6.008 #
5)	L1 AR-1016-3	5.627	4.781	1426964	6401271	26.972	41.821 #
6)	L1 AR-1016-4	0.000	4.781	0	6401271	N.D.	53.219 #
7)	L1 AR-1016-5	0.000	4.970	0	1778432	N.D.	10.968 #
8)	L2 AR-1221-1	0.000	3.724	0	11507305	N.D.	158.230 #
9)	L2 AR-1221-2	0.000	3.774	0	8373994	N.D.	163.561 #
10)	L2 AR-1221-3	0.000	3.893	0	3663683	N.D.	20.554 #
11)	L3 AR-1232-1	0.000	3.893	0	3663683	N.D.	37.467 #
12)	L3 AR-1232-2	0.000	4.518	0	1741974	N.D.	14.851 #
13)	L3 AR-1232-3	5.627	4.781	1426964	6401271	40.624	107.990 #
14)	L3 AR-1232-4	0.000	4.807	0	3747957	N.D.	73.140 #
15)	L3 AR-1232-5	0.000	4.970	0	1778432	N.D.	30.443 #
16)	L4 AR-1242-1	5.627	4.518	1426964	1741974	32.567	11.708 #
17)	L4 AR-1242-2	5.627	4.518	1426964	1741974	20.833	7.449 #
18)	L4 AR-1242-3	5.627	4.781	1426964	6401271	34.143	53.280 #
19)	L4 AR-1242-4	0.000	4.807	0	3747957	N.D.	32.761 #
20)	L4 AR-1242-5	0.000	5.317	0	10136400	N.D.	57.435 #
21)	L5 AR-1248-1	5.627	4.518	1426964	1741974	40.693	14.469 #
22)	L5 AR-1248-2	0.000	4.781	0	6401271	N.D.	38.869 #
23)	L5 AR-1248-3	0.000	4.807	0	3747957	N.D.	22.147 #
24)	L5 AR-1248-4	0.000	4.970	0	1778432	N.D.	7.606 #
25)	L5 AR-1248-5	0.000	5.357	0	5850448	N.D.	24.728 #
26)	L6 AR-1254-1	0.000	5.317	0	10136400	N.D.	34.174 #
27)	L6 AR-1254-2	6.632	5.457	1307903	9584238	14.364	36.769 #
28)	L6 AR-1254-3	0.000	5.861	0	11935960	N.D.	26.914 #
29)	L6 AR-1254-4	0.000	6.082	0	13769817	N.D.	43.938 #
30)	L6 AR-1254-5	7.698	6.498	3357025	42149887	34.606	100.689 #
31)	L7 AR-1260-1	7.159	5.982	2334460	17166593	24.041	47.139 #
32)	L7 AR-1260-2	7.414	6.167	9157743	31050213	79.573	59.441 #
33)	L7 AR-1260-3	7.772	6.317	2472024	40627141	33.586	92.819 #
34)	L7 AR-1260-4	7.997	6.781	2406861	21673400	25.510	70.001 #
35)	L7 AR-1260-5	8.313	7.023	6437607	38517884	38.176	42.646
36)	L8 AR-1262-1	7.772	6.582	2472024	28249726	23.068	140.266 #
37)	L8 AR-1262-2	8.313	7.023	6437607	38517884	32.359	36.964
38)	L8 AR-1262-3	8.632	7.299	10830230	13114701	79.899	32.041 #
39)	L8 AR-1262-4	0.000	7.364	0	35352356	N.D.	48.894 #
40)	L8 AR-1262-5	9.345	7.856	2608872	11168483	36.752	33.994
41)	L9 AR-1268-1	8.632	7.299	10830230	13114701	44.962	10.374 #

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 Operator : SM\SJ
 Sample : K1901-03
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

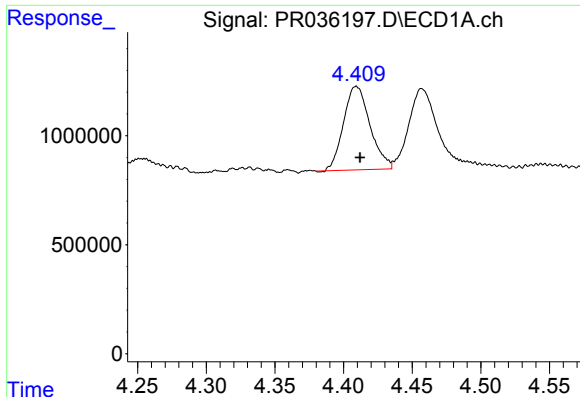
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 00:46:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR030119.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.364	0	35352356	N.D.	31.178 #
43) L9	AR-1268-3	0.000	7.575	0	9561534	N.D.	9.747 #
44) L9	AR-1268-4	9.345	7.856	2608872	11168483	34.367	31.223
45) L9	AR-1268-5	0.000	8.117	0	8721309	N.D.	3.277 #

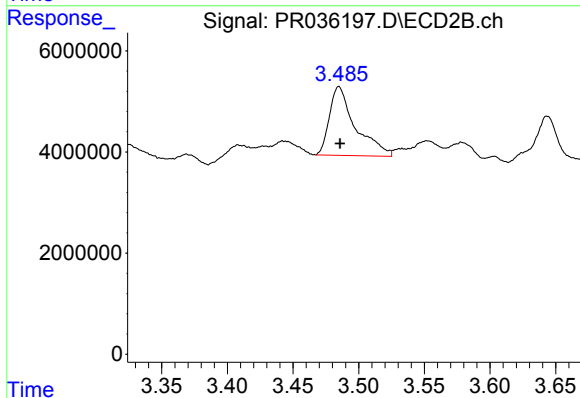
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

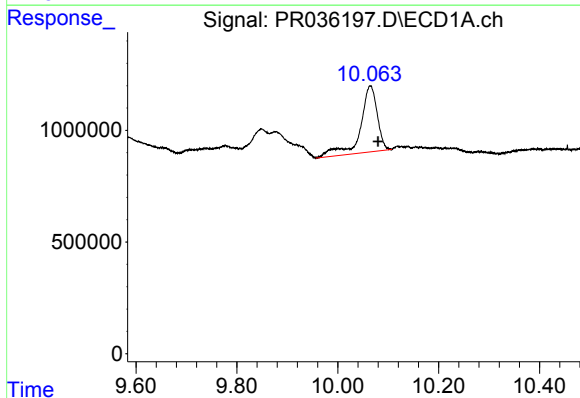
R.T.: 4.409 min
Delta R.T.: -0.003 min
Response: 5147096
Conc: 3.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



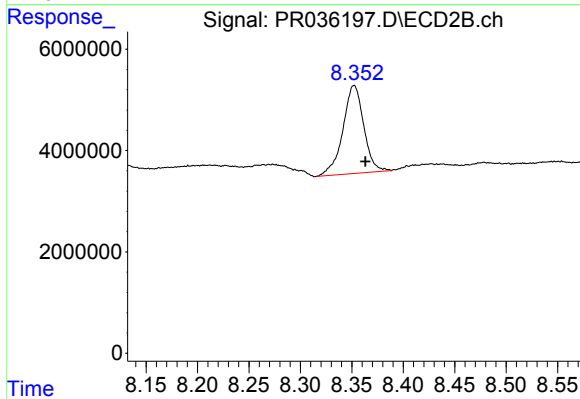
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 18679539
Conc: 3.56 ng/ml



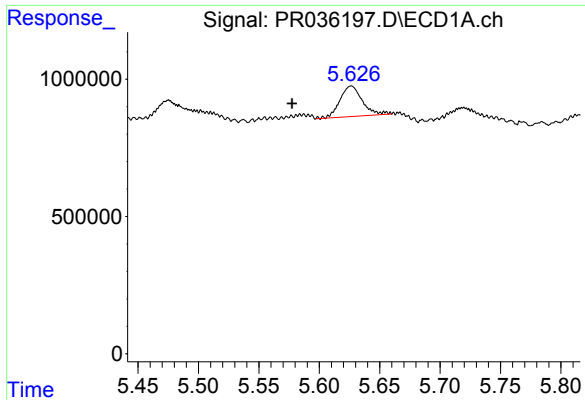
#2 Decachlorobiphenyl

R.T.: 10.065 min
Delta R.T.: -0.016 min
Response: 6930123
Conc: 4.33 ng/ml



#2 Decachlorobiphenyl

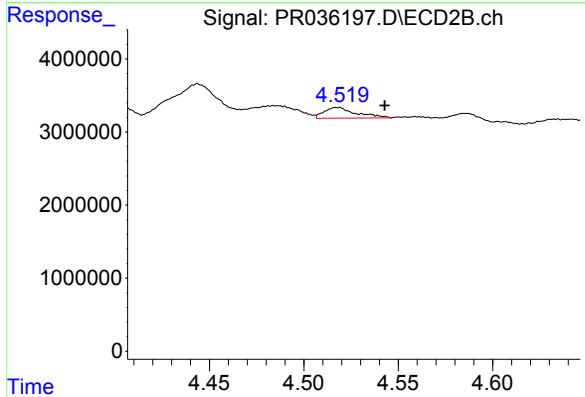
R.T.: 8.352 min
Delta R.T.: -0.011 min
Response: 24579028
Conc: 3.74 ng/ml



#3 AR-1016-1

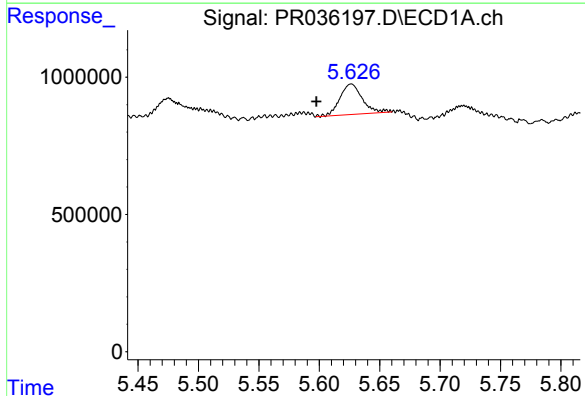
R.T.: 5.627 min
Delta R.T.: 0.049 min
Response: 1426964
Conc: 26.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



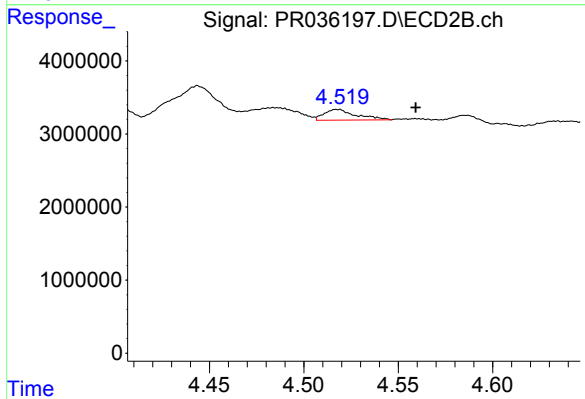
#3 AR-1016-1

R.T.: 4.518 min
Delta R.T.: -0.025 min
Response: 1741974
Conc: 9.36 ng/ml



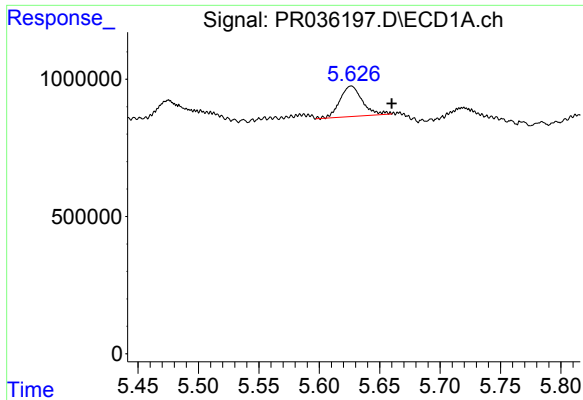
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: 0.029 min
Response: 1426964
Conc: 16.33 ng/ml



#4 AR-1016-2

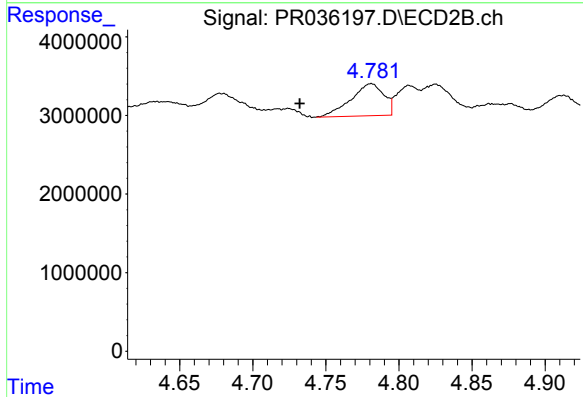
R.T.: 4.518 min
Delta R.T.: -0.041 min
Response: 1741974
Conc: 6.01 ng/ml



#5 AR-1016-3

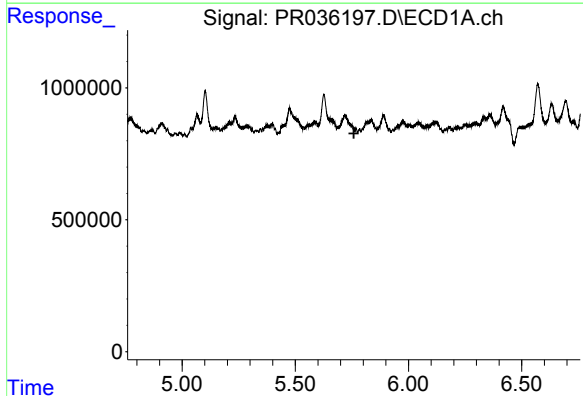
R.T.: 5.627 min
Delta R.T.: -0.034 min
Response: 1426964
Conc: 26.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



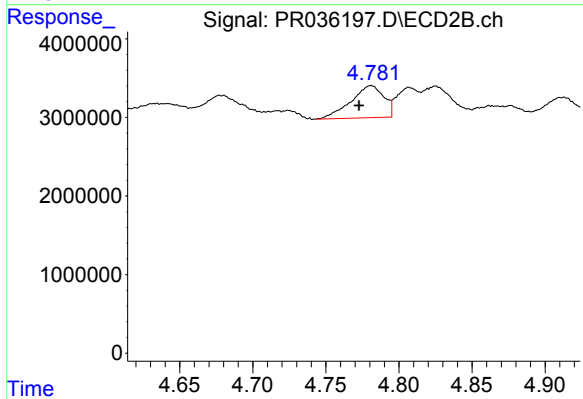
#5 AR-1016-3

R.T.: 4.781 min
Delta R.T.: 0.049 min
Response: 6401271
Conc: 41.82 ng/ml



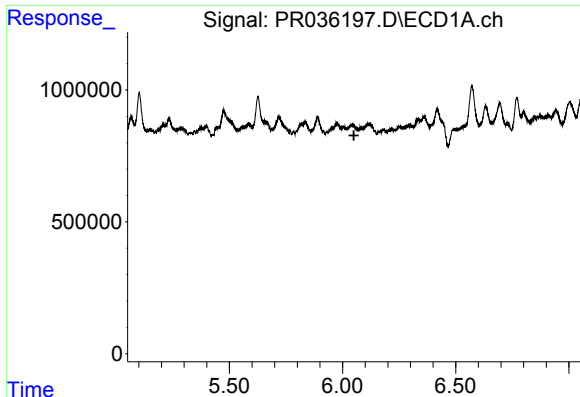
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.759 min
Response: 0
Conc: N.D.



#6 AR-1016-4

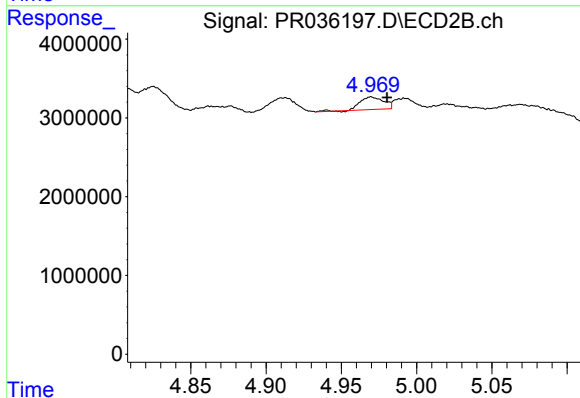
R.T.: 4.781 min
Delta R.T.: 0.008 min
Response: 6401271
Conc: 53.22 ng/ml



#7 AR-1016-5

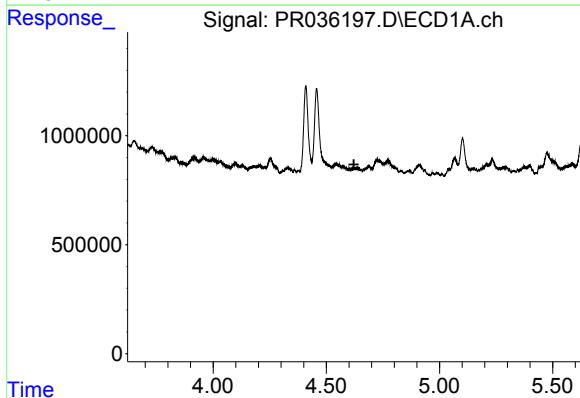
R.T.: 0.000 min
Exp R.T.: 6.050 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



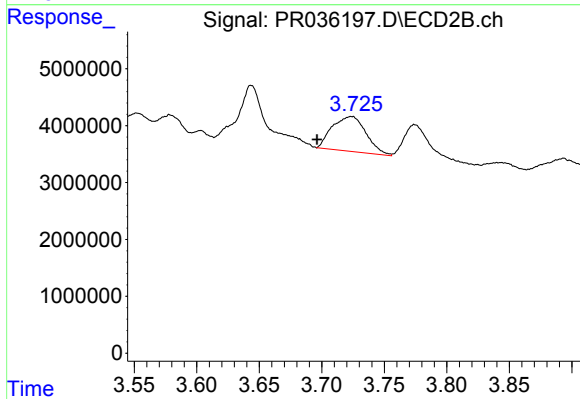
#7 AR-1016-5

R.T.: 4.970 min
Delta R.T.: -0.010 min
Response: 1778432
Conc: 10.97 ng/ml



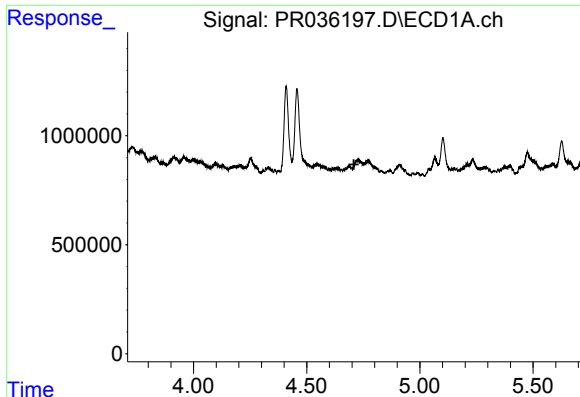
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.622 min
Response: 0
Conc: N.D.



#8 AR-1221-1

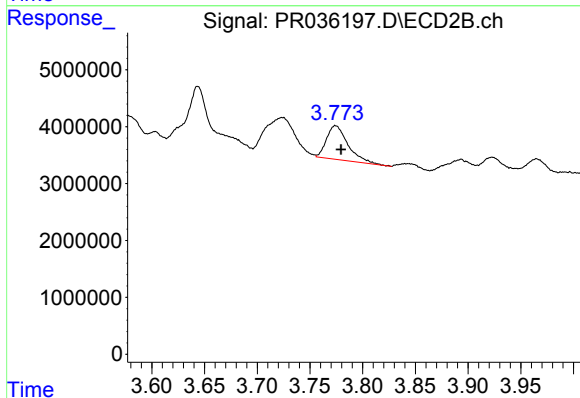
R.T.: 3.724 min
Delta R.T.: 0.028 min
Response: 11507305
Conc: 158.23 ng/ml



#9 AR-1221-2

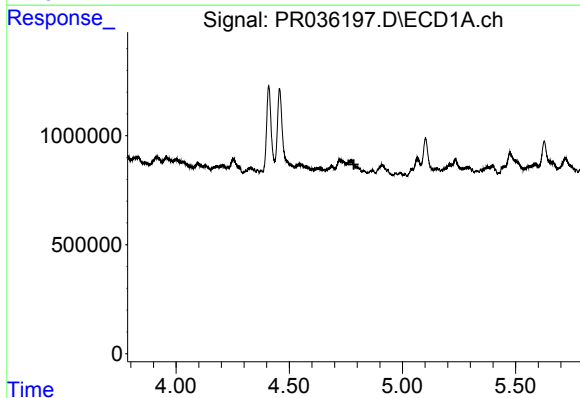
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



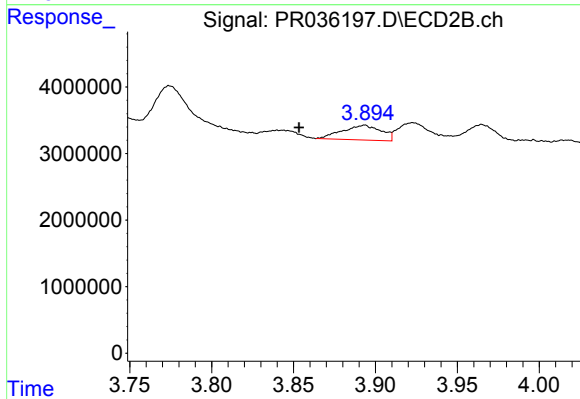
#9 AR-1221-2

R.T.: 3.774 min
Delta R.T.: -0.005 min
Response: 8373994
Conc: 163.56 ng/ml



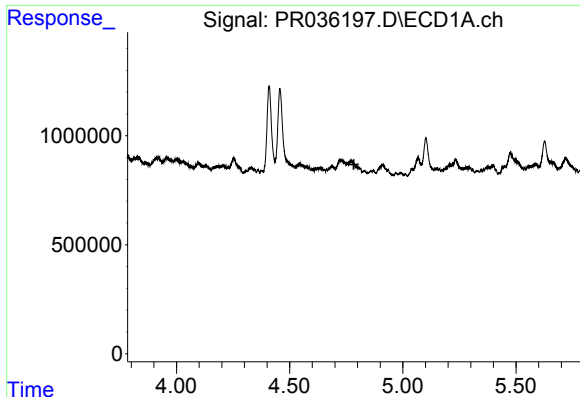
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.786 min
Response: 0
Conc: N.D.



#10 AR-1221-3

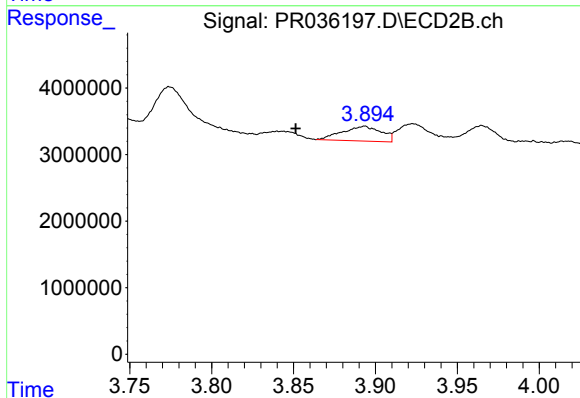
R.T.: 3.893 min
Delta R.T.: 0.040 min
Response: 3663683
Conc: 20.55 ng/ml



#11 AR-1232-1

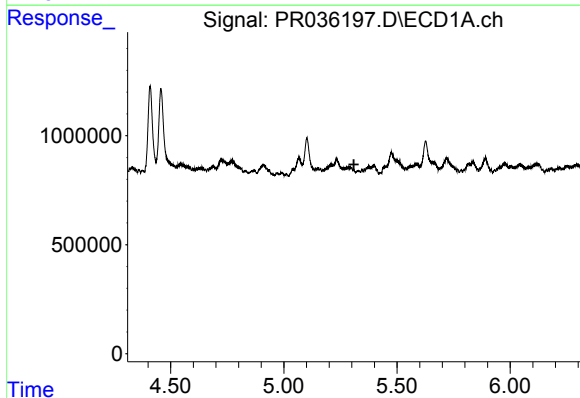
R.T.: 0.000 min
Exp R.T. : 4.784 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



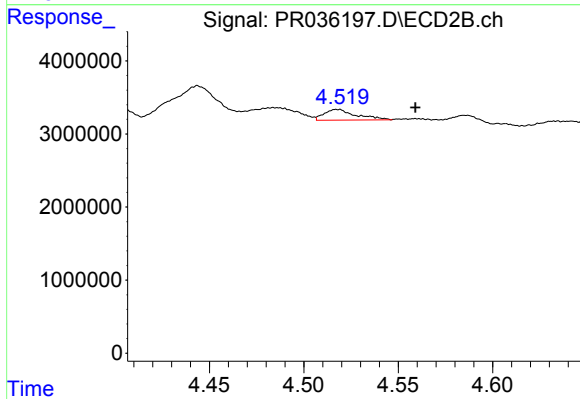
#11 AR-1232-1

R.T.: 3.893 min
Delta R.T.: 0.042 min
Response: 3663683
Conc: 37.47 ng/ml



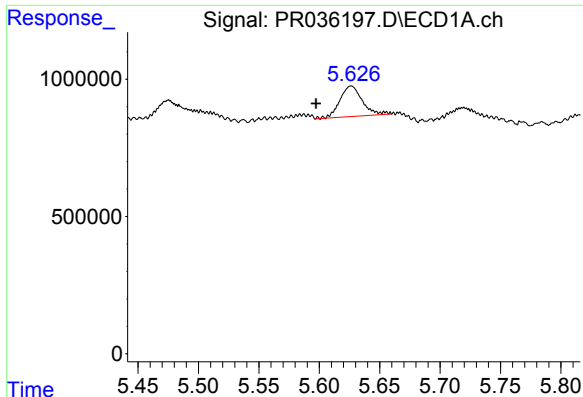
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.310 min
Response: 0
Conc: N.D.



#12 AR-1232-2

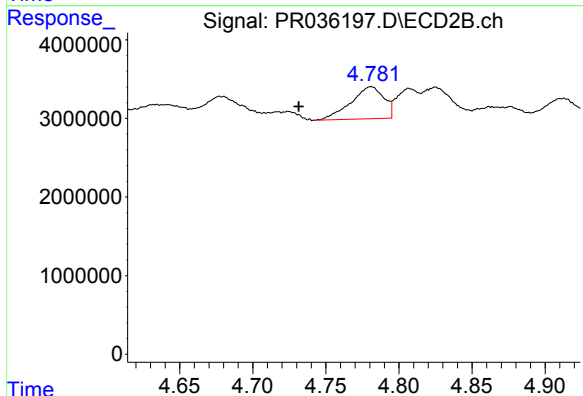
R.T.: 4.518 min
Delta R.T.: -0.041 min
Response: 1741974
Conc: 14.85 ng/ml



#13 AR-1232-3

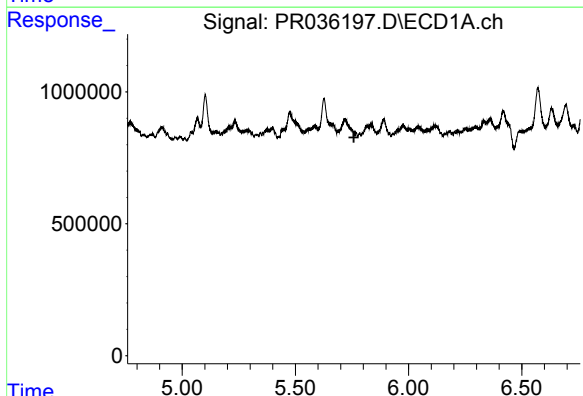
R.T.: 5.627 min
Delta R.T.: 0.029 min
Response: 1426964
Conc: 40.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



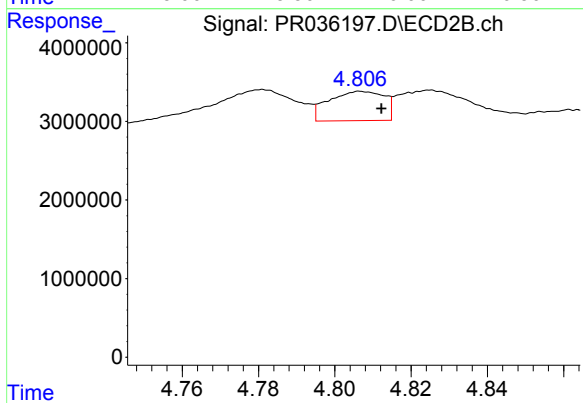
#13 AR-1232-3

R.T.: 4.781 min
Delta R.T.: 0.050 min
Response: 6401271
Conc: 107.99 ng/ml



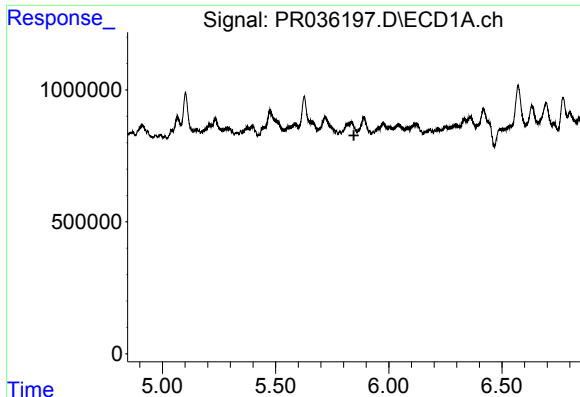
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.759 min
Response: 0
Conc: N.D.



#14 AR-1232-4

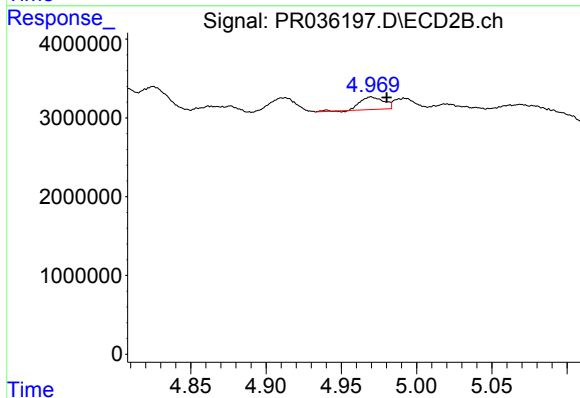
R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 3747957
Conc: 73.14 ng/ml



#15 AR-1232-5

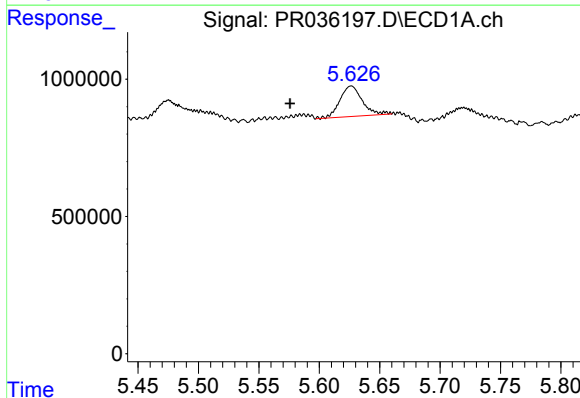
R.T.: 0.000 min
Exp R.T.: 5.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



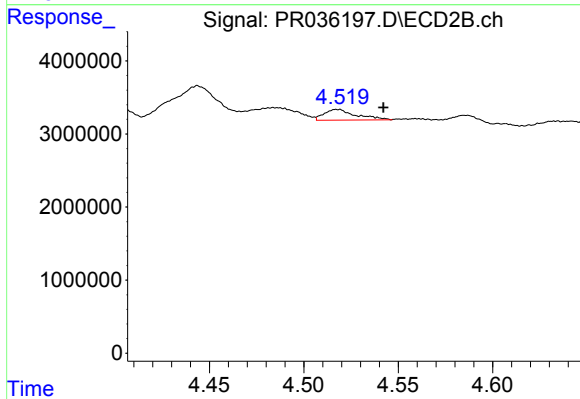
#15 AR-1232-5

R.T.: 4.970 min
Delta R.T.: -0.010 min
Response: 1778432
Conc: 30.44 ng/ml



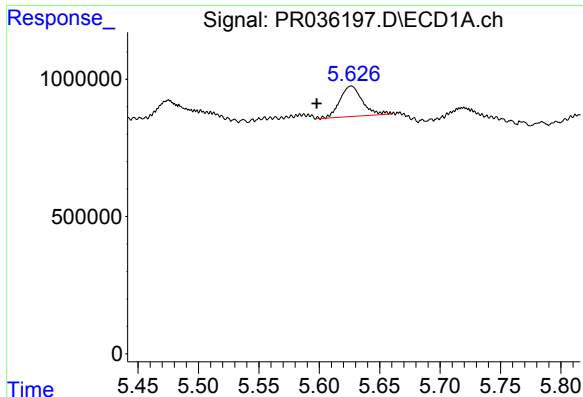
#16 AR-1242-1

R.T.: 5.627 min
Delta R.T.: 0.051 min
Response: 1426964
Conc: 32.57 ng/ml



#16 AR-1242-1

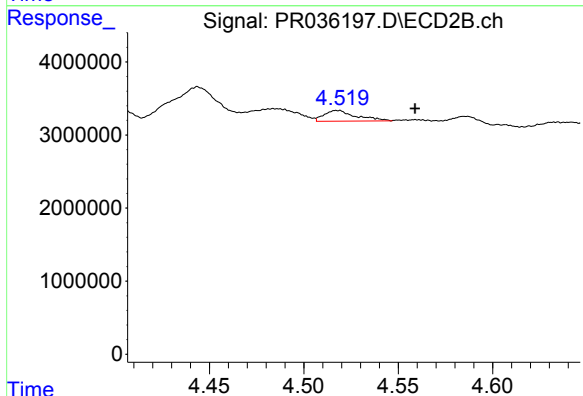
R.T.: 4.518 min
Delta R.T.: -0.024 min
Response: 1741974
Conc: 11.71 ng/ml



#17 AR-1242-2

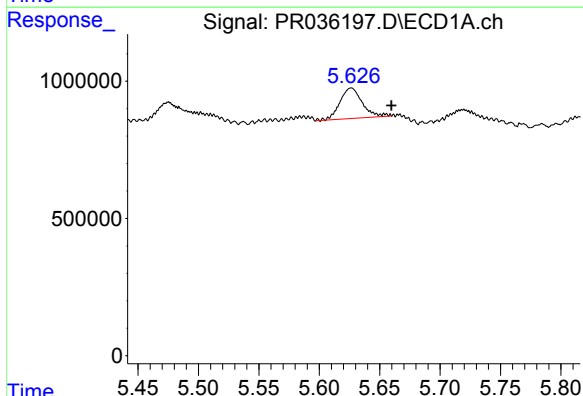
R.T.: 5.627 min
Delta R.T.: 0.029 min
Response: 1426964
Conc: 20.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



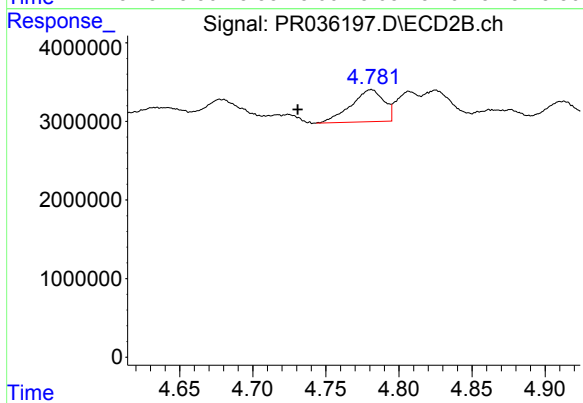
#17 AR-1242-2

R.T.: 4.518 min
Delta R.T.: -0.041 min
Response: 1741974
Conc: 7.45 ng/ml



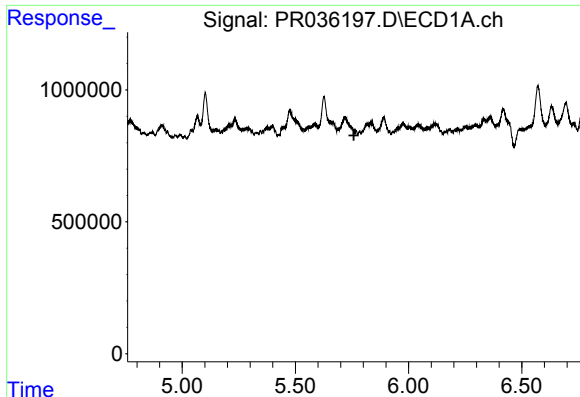
#18 AR-1242-3

R.T.: 5.627 min
Delta R.T.: -0.033 min
Response: 1426964
Conc: 34.14 ng/ml



#18 AR-1242-3

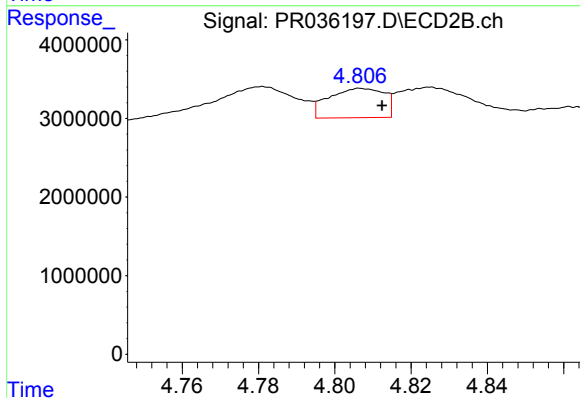
R.T.: 4.781 min
Delta R.T.: 0.050 min
Response: 6401271
Conc: 53.28 ng/ml



#19 AR-1242-4

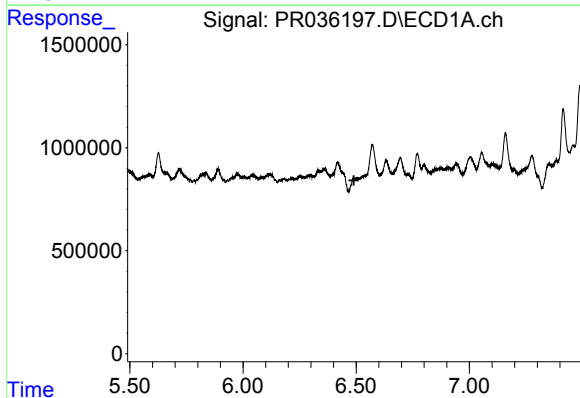
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



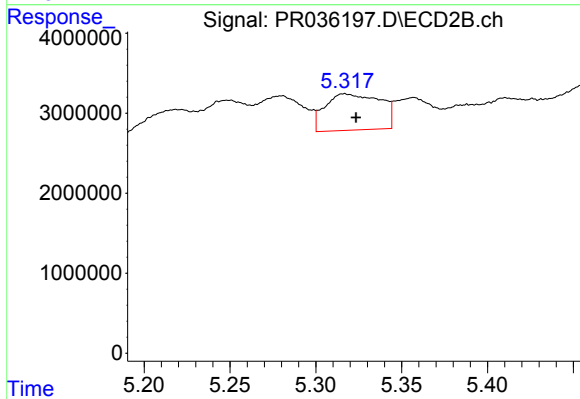
#19 AR-1242-4

R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 3747957
Conc: 32.76 ng/ml



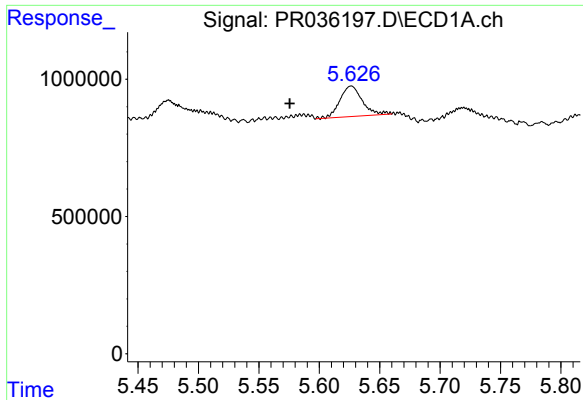
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.490 min
Response: 0
Conc: N.D.



#20 AR-1242-5

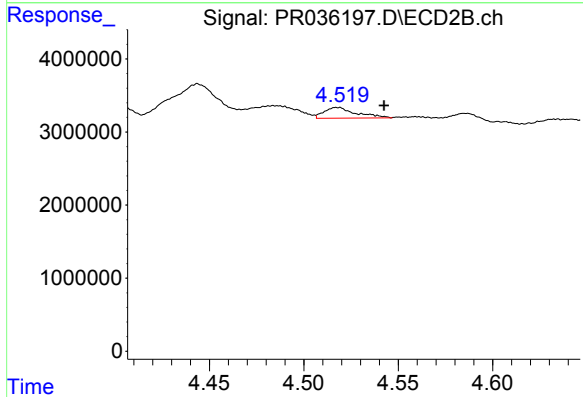
R.T.: 5.317 min
Delta R.T.: -0.007 min
Response: 10136400
Conc: 57.43 ng/ml



#21 AR-1248-1

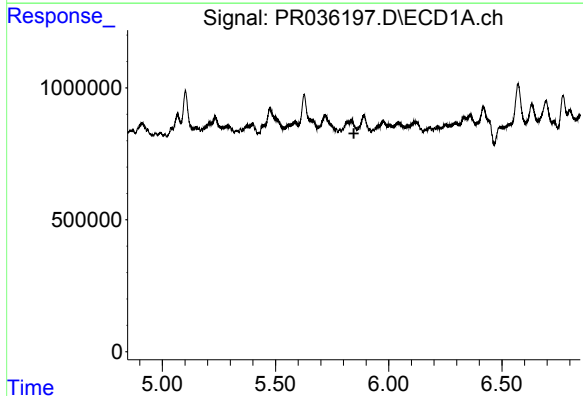
R.T.: 5.627 min
Delta R.T.: 0.051 min
Response: 1426964
Conc: 40.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



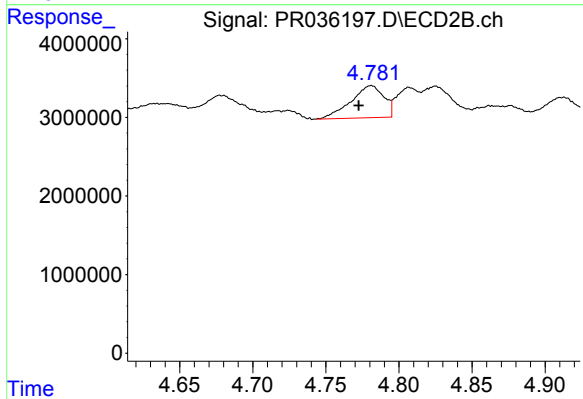
#21 AR-1248-1

R.T.: 4.518 min
Delta R.T.: -0.025 min
Response: 1741974
Conc: 14.47 ng/ml



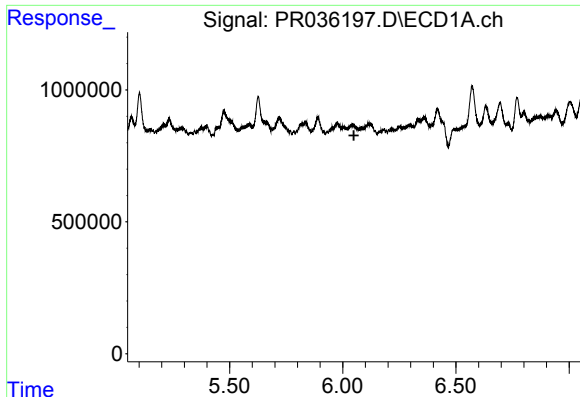
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.846 min
Response: 0
Conc: N.D.



#22 AR-1248-2

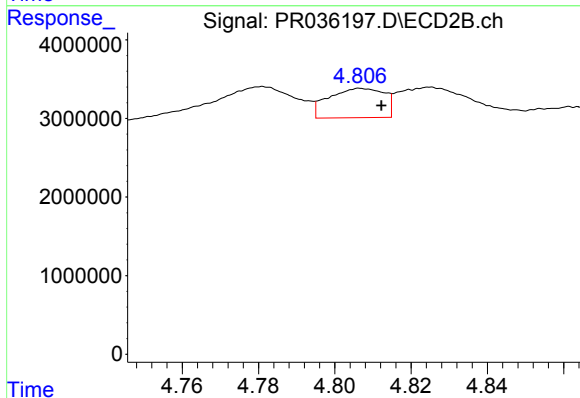
R.T.: 4.781 min
Delta R.T.: 0.009 min
Response: 6401271
Conc: 38.87 ng/ml



#23 AR-1248-3

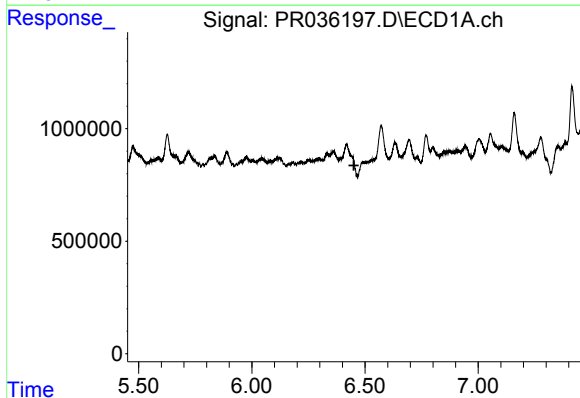
R.T.: 0.000 min
Exp R.T.: 6.049 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



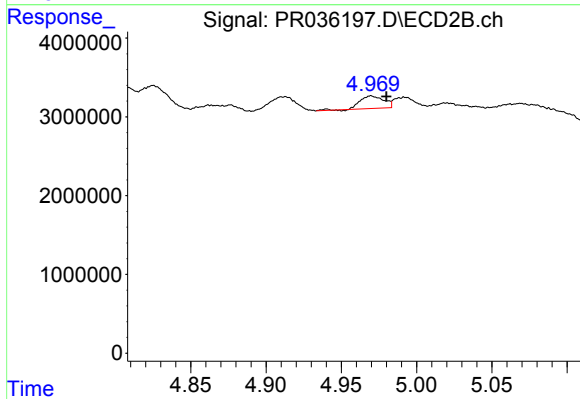
#23 AR-1248-3

R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 3747957
Conc: 22.15 ng/ml



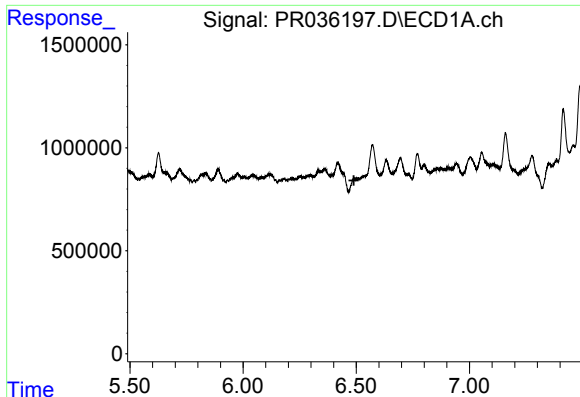
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.451 min
Response: 0
Conc: N.D.



#24 AR-1248-4

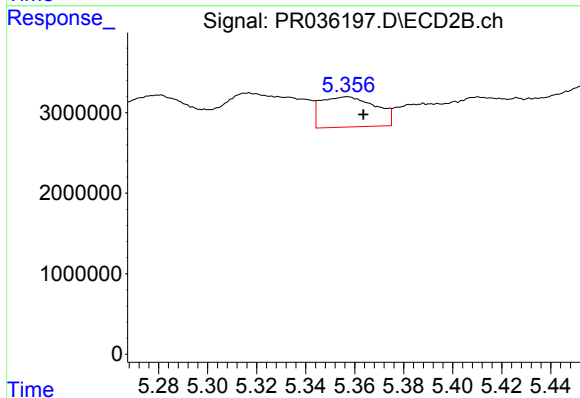
R.T.: 4.970 min
Delta R.T.: -0.010 min
Response: 1778432
Conc: 7.61 ng/ml



#25 AR-1248-5

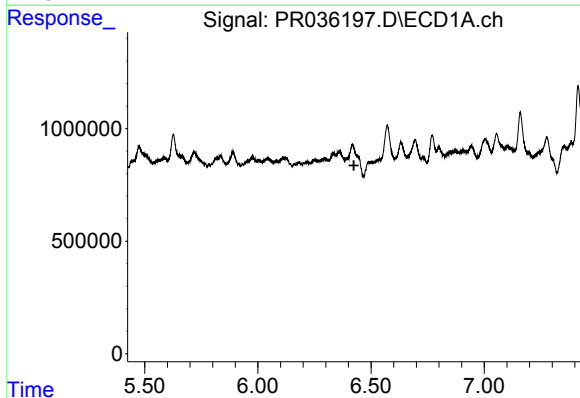
R.T.: 0.000 min
Exp R.T.: 6.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



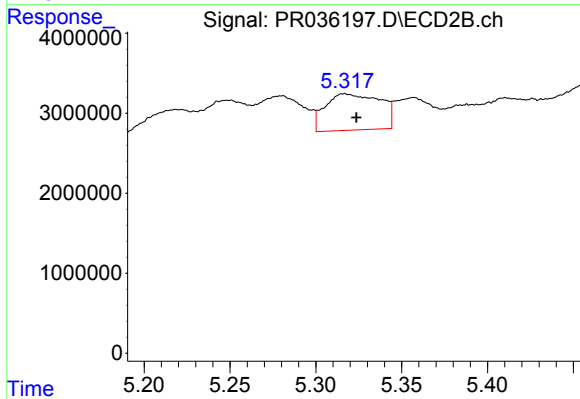
#25 AR-1248-5

R.T.: 5.357 min
Delta R.T.: -0.007 min
Response: 5850448
Conc: 24.73 ng/ml



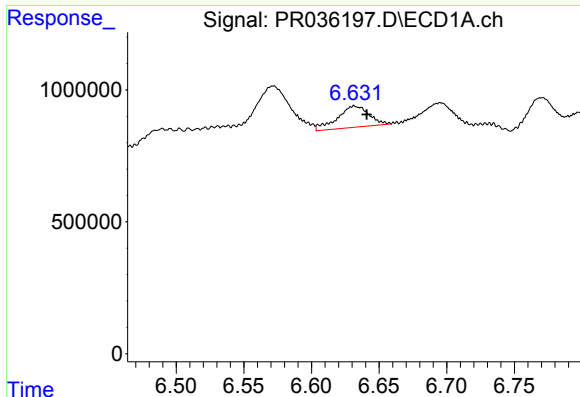
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.424 min
Response: 0
Conc: N.D.



#26 AR-1254-1

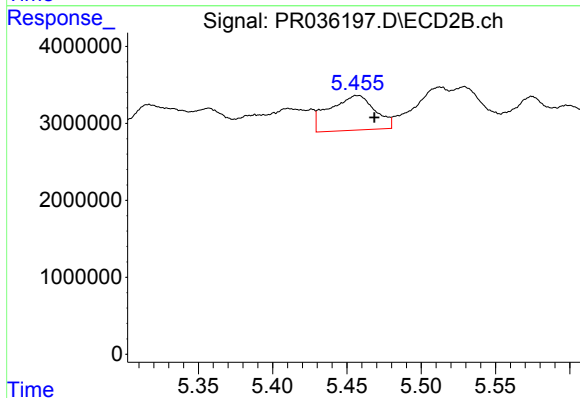
R.T.: 5.317 min
Delta R.T.: -0.007 min
Response: 10136400
Conc: 34.17 ng/ml



#27 AR-1254-2

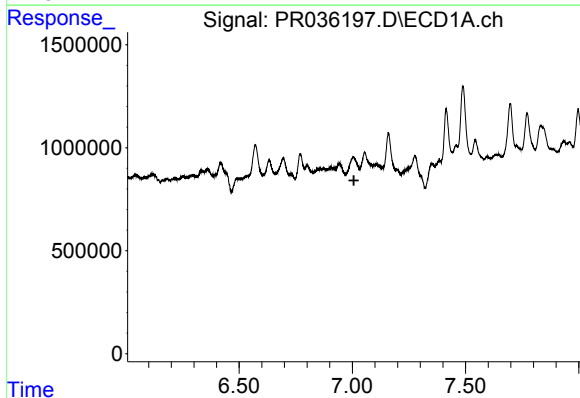
R.T.: 6.632 min
Delta R.T.: -0.009 min
Response: 1307903
Conc: 14.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



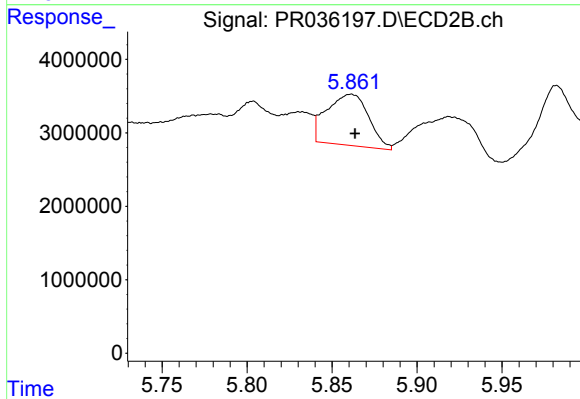
#27 AR-1254-2

R.T.: 5.457 min
Delta R.T.: -0.011 min
Response: 9584238
Conc: 36.77 ng/ml



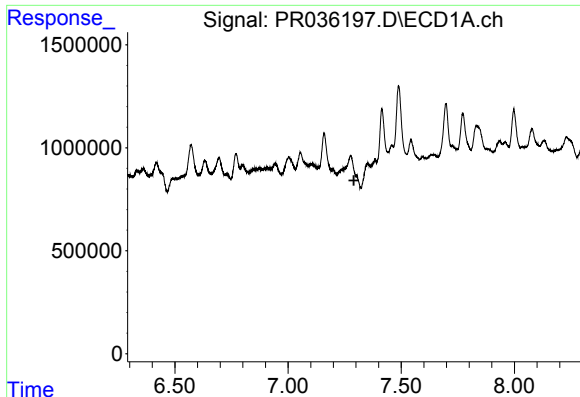
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.007 min
Response: 0
Conc: N.D.



#28 AR-1254-3

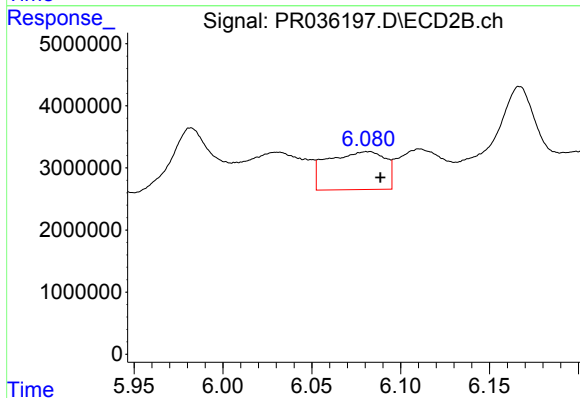
R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 11935960
Conc: 26.91 ng/ml



#29 AR-1254-4

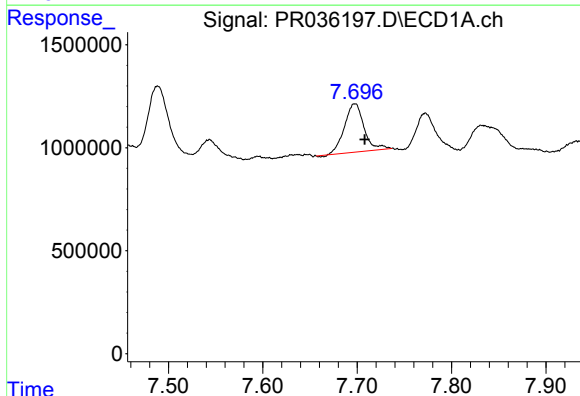
R.T.: 0.000 min
Exp R.T.: 7.291 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



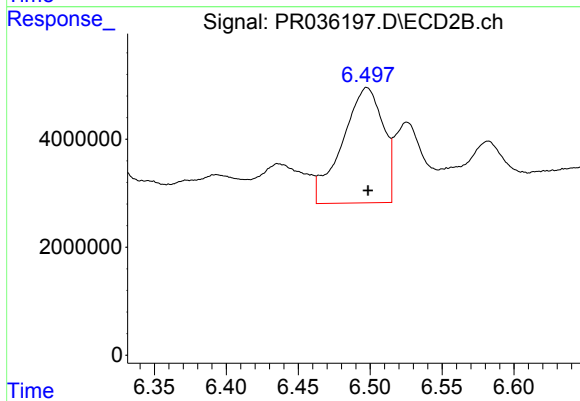
#29 AR-1254-4

R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 13769817
Conc: 43.94 ng/ml



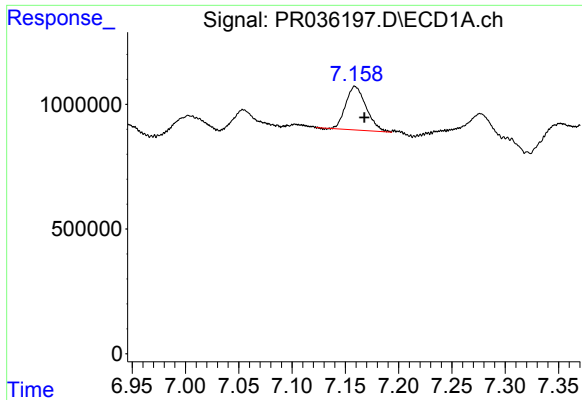
#30 AR-1254-5

R.T.: 7.698 min
Delta R.T.: -0.010 min
Response: 3357025
Conc: 34.61 ng/ml



#30 AR-1254-5

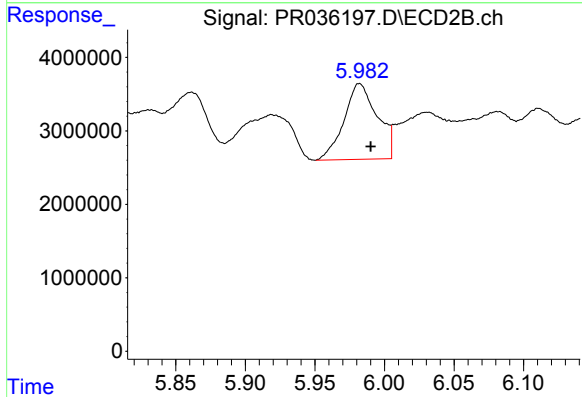
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 42149887
Conc: 100.69 ng/ml



#31 AR-1260-1

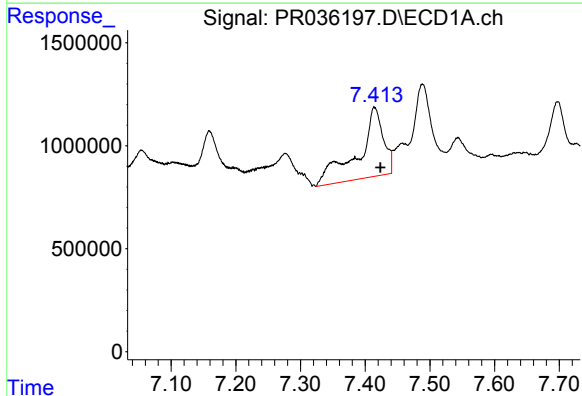
R.T.: 7.159 min
Delta R.T.: -0.009 min
Response: 2334460
Conc: 24.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



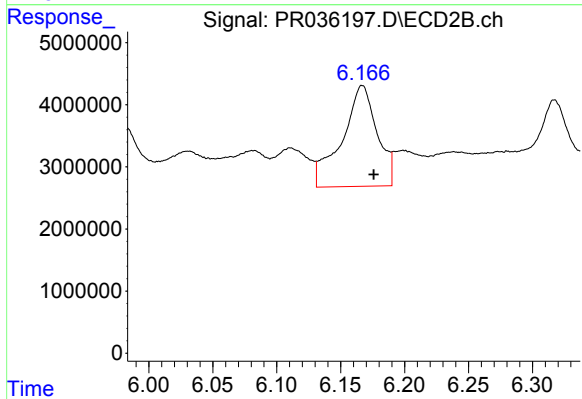
#31 AR-1260-1

R.T.: 5.982 min
Delta R.T.: -0.008 min
Response: 17166593
Conc: 47.14 ng/ml



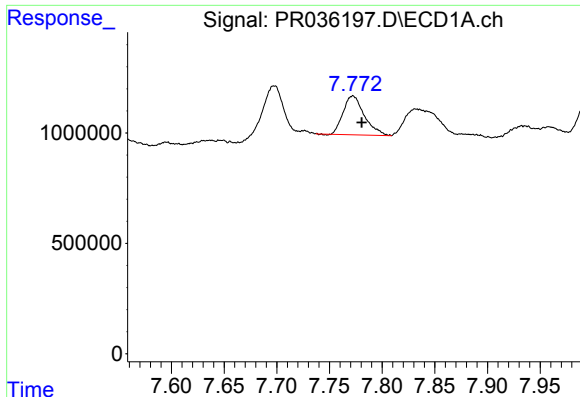
#32 AR-1260-2

R.T.: 7.414 min
Delta R.T.: -0.009 min
Response: 9157743
Conc: 79.57 ng/ml



#32 AR-1260-2

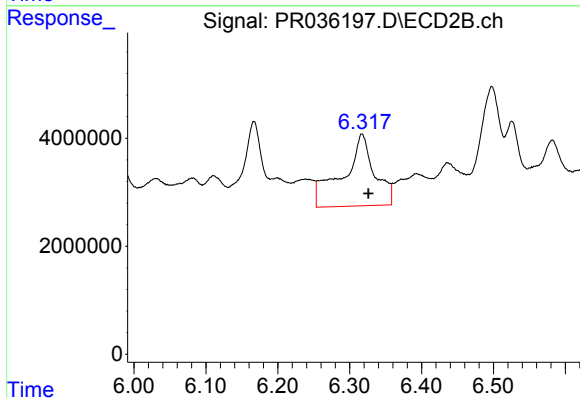
R.T.: 6.167 min
Delta R.T.: -0.009 min
Response: 31050213
Conc: 59.44 ng/ml



#33 AR-1260-3

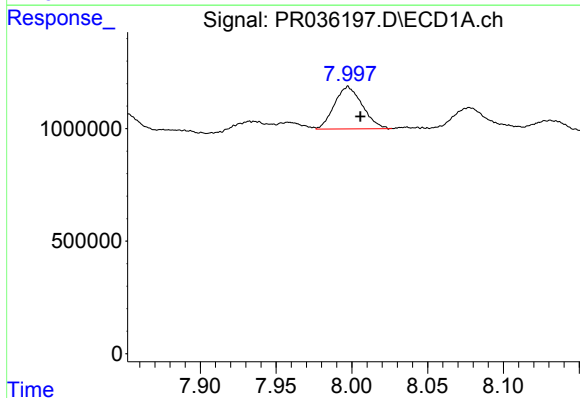
R.T.: 7.772 min
Delta R.T.: -0.008 min
Response: 2472024
Conc: 33.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



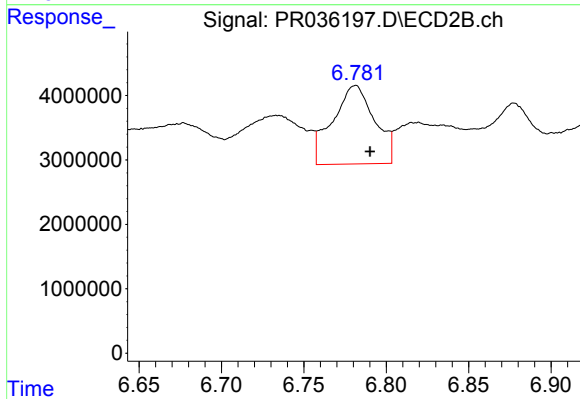
#33 AR-1260-3

R.T.: 6.317 min
Delta R.T.: -0.009 min
Response: 40627141
Conc: 92.82 ng/ml



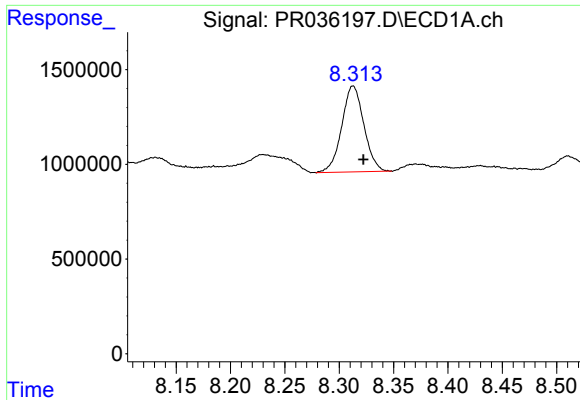
#34 AR-1260-4

R.T.: 7.997 min
Delta R.T.: -0.008 min
Response: 2406861
Conc: 25.51 ng/ml



#34 AR-1260-4

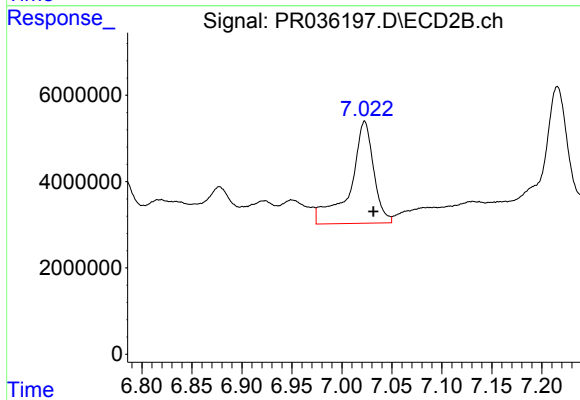
R.T.: 6.781 min
Delta R.T.: -0.009 min
Response: 21673400
Conc: 70.00 ng/ml



#35 AR-1260-5

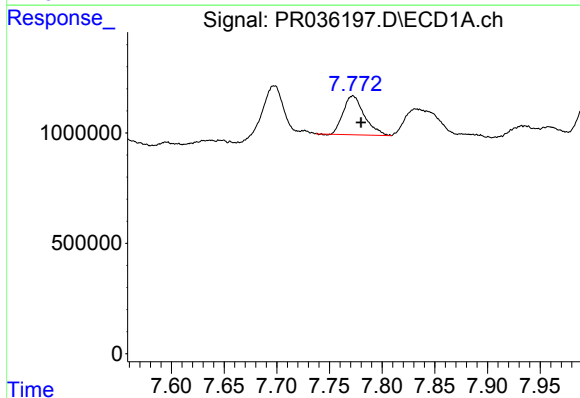
R.T.: 8.313 min
Delta R.T.: -0.010 min
Response: 6437607
Conc: 38.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



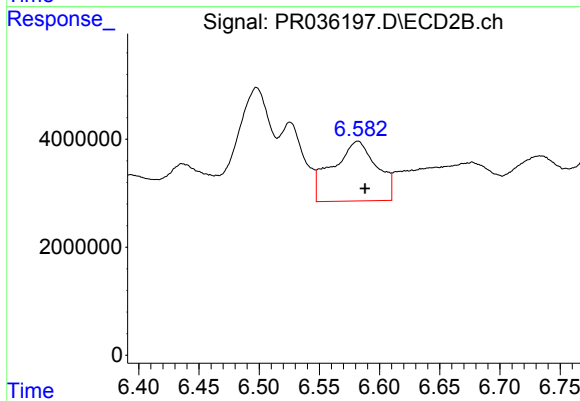
#35 AR-1260-5

R.T.: 7.023 min
Delta R.T.: -0.009 min
Response: 38517884
Conc: 42.65 ng/ml



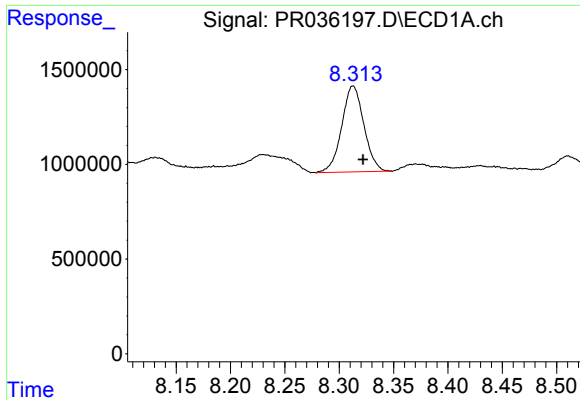
#36 AR-1262-1

R.T.: 7.772 min
Delta R.T.: -0.008 min
Response: 2472024
Conc: 23.07 ng/ml



#36 AR-1262-1

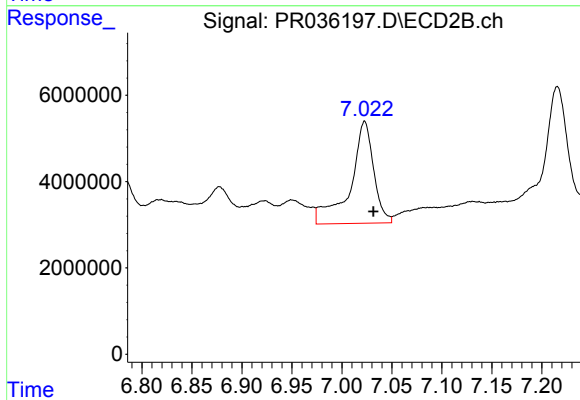
R.T.: 6.582 min
Delta R.T.: -0.006 min
Response: 28249726
Conc: 140.27 ng/ml



#37 AR-1262-2

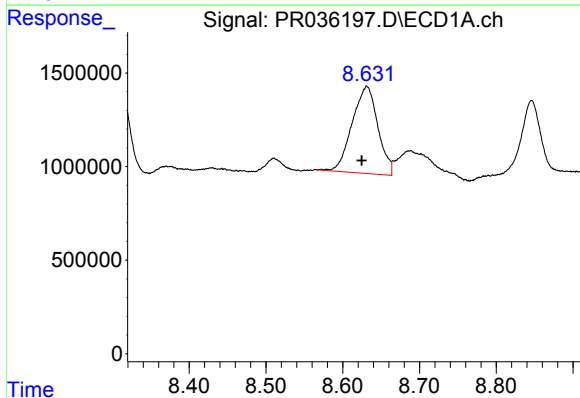
R.T.: 8.313 min
Delta R.T.: -0.009 min
Response: 6437607
Conc: 32.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



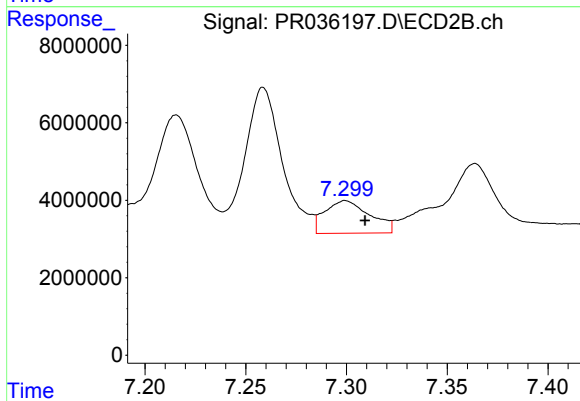
#37 AR-1262-2

R.T.: 7.023 min
Delta R.T.: -0.009 min
Response: 38517884
Conc: 36.96 ng/ml



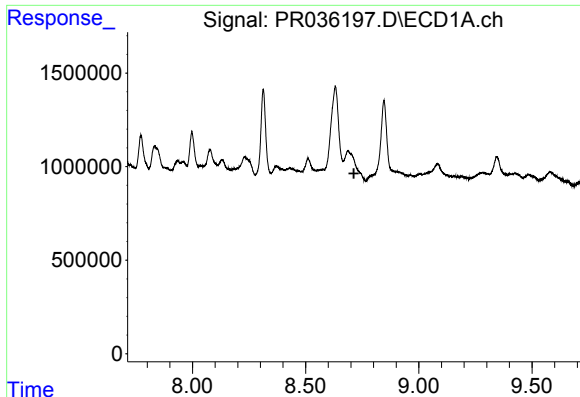
#38 AR-1262-3

R.T.: 8.632 min
Delta R.T.: 0.007 min
Response: 10830230
Conc: 79.90 ng/ml



#38 AR-1262-3

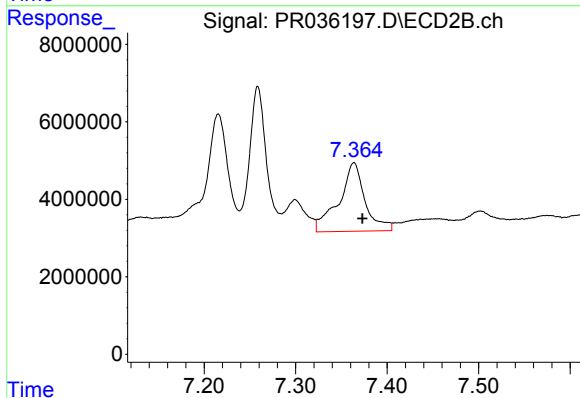
R.T.: 7.299 min
Delta R.T.: -0.010 min
Response: 13114701
Conc: 32.04 ng/ml



#39 AR-1262-4

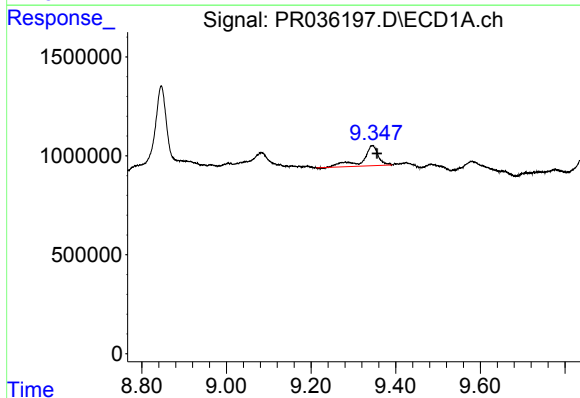
R.T.: 0.000 min
Exp R.T.: 8.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



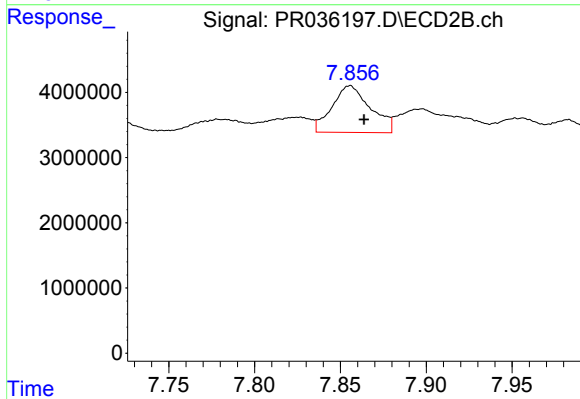
#39 AR-1262-4

R.T.: 7.364 min
Delta R.T.: -0.009 min
Response: 35352356
Conc: 48.89 ng/ml



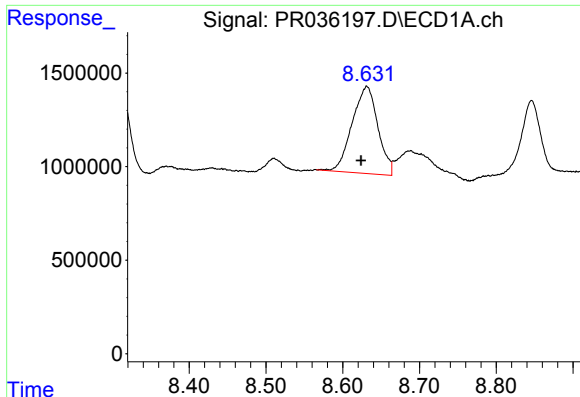
#40 AR-1262-5

R.T.: 9.345 min
Delta R.T.: -0.011 min
Response: 2608872
Conc: 36.75 ng/ml



#40 AR-1262-5

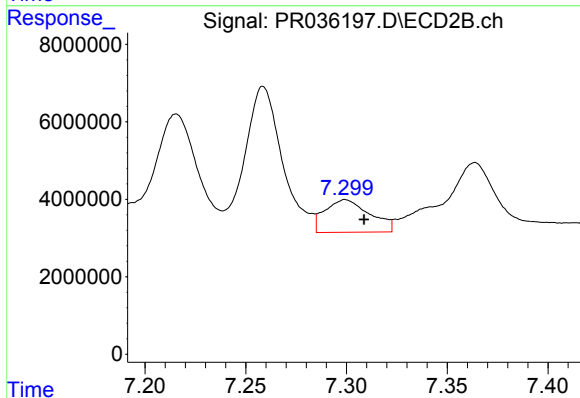
R.T.: 7.856 min
Delta R.T.: -0.008 min
Response: 11168483
Conc: 33.99 ng/ml



#41 AR-1268-1

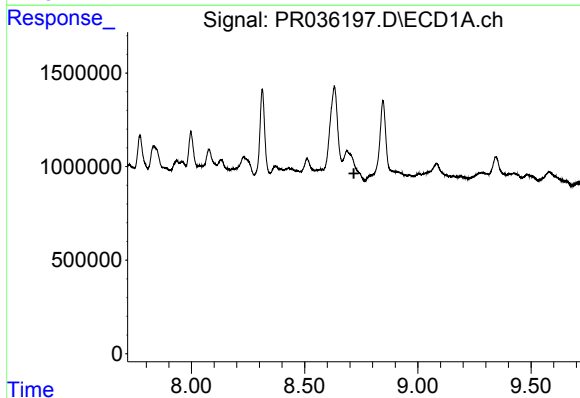
R.T.: 8.632 min
Delta R.T.: 0.007 min
Response: 10830230
Conc: 44.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



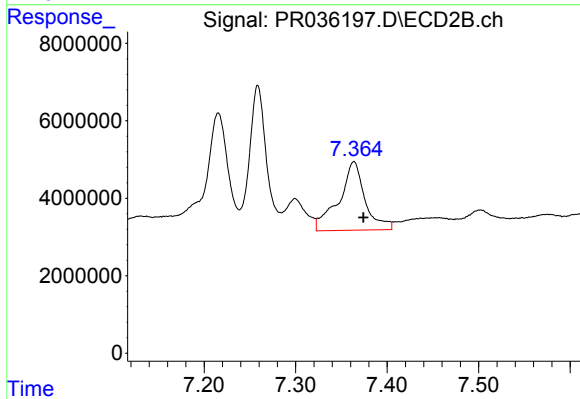
#41 AR-1268-1

R.T.: 7.299 min
Delta R.T.: -0.009 min
Response: 13114701
Conc: 10.37 ng/ml



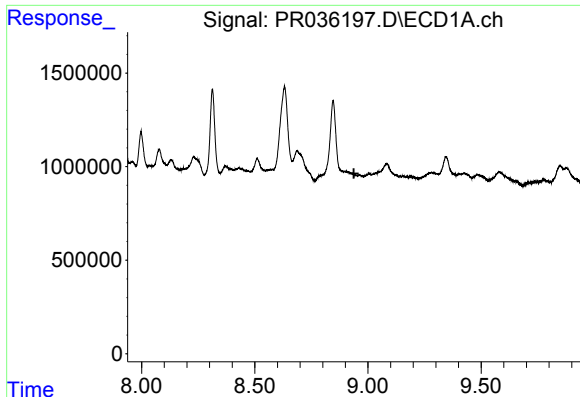
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.717 min
Response: 0
Conc: N.D.



#42 AR-1268-2

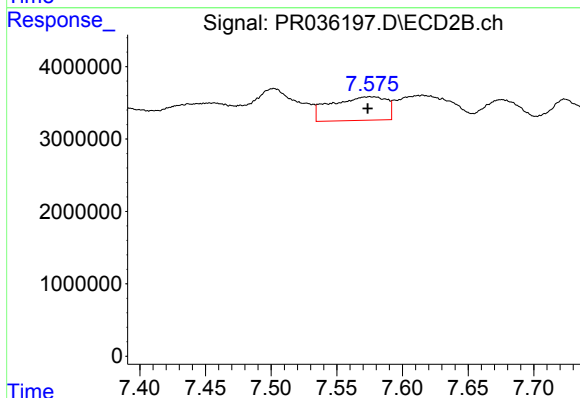
R.T.: 7.364 min
Delta R.T.: -0.010 min
Response: 35352356
Conc: 31.18 ng/ml



#43 AR-1268-3

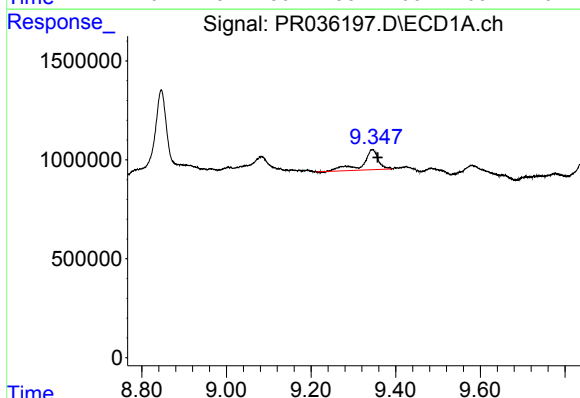
R.T.: 0.000 min
Exp R.T.: 8.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



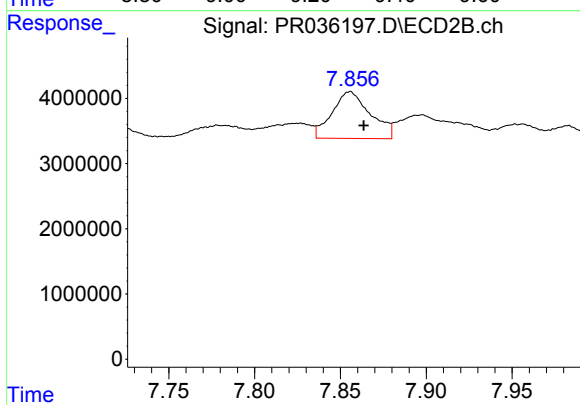
#43 AR-1268-3

R.T.: 7.575 min
Delta R.T.: 0.002 min
Response: 9561534
Conc: 9.75 ng/ml



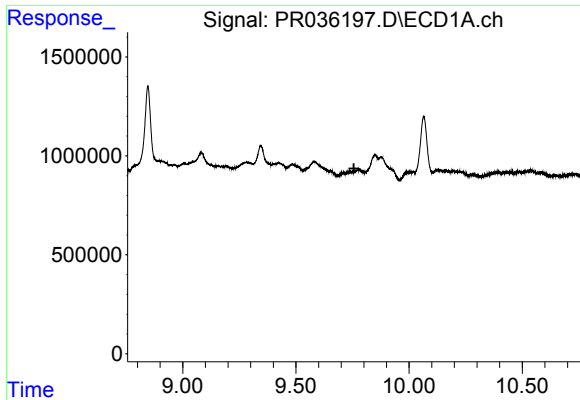
#44 AR-1268-4

R.T.: 9.345 min
Delta R.T.: -0.012 min
Response: 2608872
Conc: 34.37 ng/ml



#44 AR-1268-4

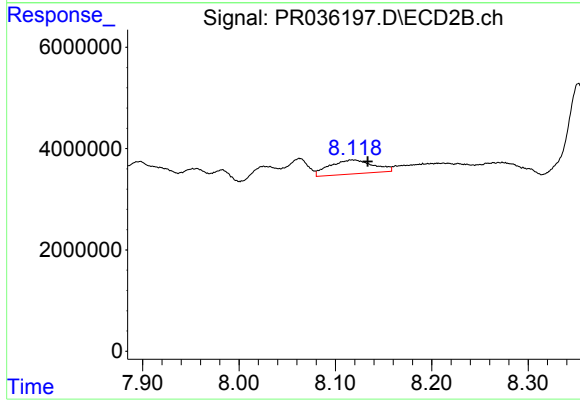
R.T.: 7.856 min
Delta R.T.: -0.008 min
Response: 11168483
Conc: 31.22 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.756 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.117 min
Delta R.T.: -0.016 min
Response: 8721309
Conc: 3.28 ng/ml