

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP053122\
 Data File : PP048230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2022 14:07
 Operator : YP\AJ
 Sample : N3099-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 07:16:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 27 23:53:39 2022
 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...	4.035	3.217	42215033	34320304	18.027	17.415
2)	SA Decachlor...	10.388	8.650	26465234	22014158	13.617	13.619
Target Compounds							
3)	L1 AR-1016-1	5.349f	4.379	1040994	152969	12.345	2.274 #
4)	L1 AR-1016-2	5.349	4.396	1040994	275706	8.798	2.960 #
5)	L1 AR-1016-3	5.421	0.000	1031202	0	15.260	N.D. #
6)	L1 AR-1016-4	5.530	4.634	378483	161127	6.140	4.229 #
7)	L1 AR-1016-5	0.000	4.874	0	78922	N.D.	1.653 #
8)	L2 AR-1221-1	4.272	0.000	548948	0	20.765	N.D. #
9)	L2 AR-1221-2	4.368	3.534	646380	531353	31.560	34.594
12)	L3 AR-1232-2	5.027	4.396	1230217	275706	51.242	6.843 #
13)	L3 AR-1232-3	5.349	0.000	1040994	0	20.978	N.D. #
14)	L3 AR-1232-4	5.530	4.677	378483	175994	15.833	10.141 #
15)	L3 AR-1232-5	5.618	4.874	918692	78922	56.233	4.029 #
16)	L4 AR-1242-1	5.349f	4.379	1040994	152969	18.615	3.208 #
17)	L4 AR-1242-2	5.349	4.396	1040994	275706	12.657	4.149 #
18)	L4 AR-1242-3	5.421	0.000	1031202	0	21.007	N.D. #
19)	L4 AR-1242-4	5.530	4.677	378483	175994	9.564	5.479 #
20)	L4 AR-1242-5	0.000	5.241	0	150899	N.D.	3.613 #
21)	L5 AR-1248-1	5.349f	4.379	1040994	152969	24.134	4.179 #
22)	L5 AR-1248-2	5.618	4.634	918692	161127	16.064	3.383 #
23)	L5 AR-1248-3	0.000	4.677	0	175994	N.D.	3.553 #
24)	L5 AR-1248-4	6.270f	4.874	1652664	78922	21.251	1.355 #
25)	L5 AR-1248-5	0.000	5.278f	0	6763	N.D.	0.112 #
26)	L6 AR-1254-1	6.270	5.241	1652664	150899	22.765	1.721 #
27)	L6 AR-1254-2	6.505	5.402	8967389	168045	75.364	2.237 #
28)	L6 AR-1254-3	6.927	5.840	812267	220461	6.838	1.797 #
29)	L6 AR-1254-4	7.241	6.088	601867	108491	6.673	1.445 #
30)	L6 AR-1254-5	0.000	6.542	0	395016	N.D.	3.902 #
31)	L7 AR-1260-1	7.101	5.979	1266444	179684	13.569	2.099 #
32)	L7 AR-1260-2	7.382	6.184f	1523629	200711	13.630	1.947 #
33)	L7 AR-1260-3	7.785	6.353	1467304	275149	17.130	2.779 #
34)	L7 AR-1260-4	8.057f	6.879	11402183	41340	109.893	0.497 #
35)	L7 AR-1260-5	8.394	7.156	2471657	23716	11.978	0.120 #
36)	L8 AR-1262-1	7.785	6.609	1467304	19586	12.865	0.181 #
37)	L8 AR-1262-2	8.394	6.879	2471657	41340	11.596	0.418 #
38)	L8 AR-1262-3	0.000	7.457	0	250464	N.D.	3.328 #
39)	L8 AR-1262-4	0.000	7.525	0	35495	N.D.	0.244 #
40)	L8 AR-1262-5	9.572	8.066	151148	97730	1.910	1.448
41)	L9 AR-1268-1	0.000	7.457	0	250464	N.D.	1.072 #
42)	L9 AR-1268-2	0.000	7.525	0	35495	N.D.	0.164 #
43)	L9 AR-1268-3	9.089	7.754	97659	27832	0.475	0.150 #

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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
44) L9	AR-1268-4	9.572	8.066	151148	97730	1.683	1.190 #
45) L9	AR-1268-5	10.023	8.391	377050	13430	0.534	0.022 #

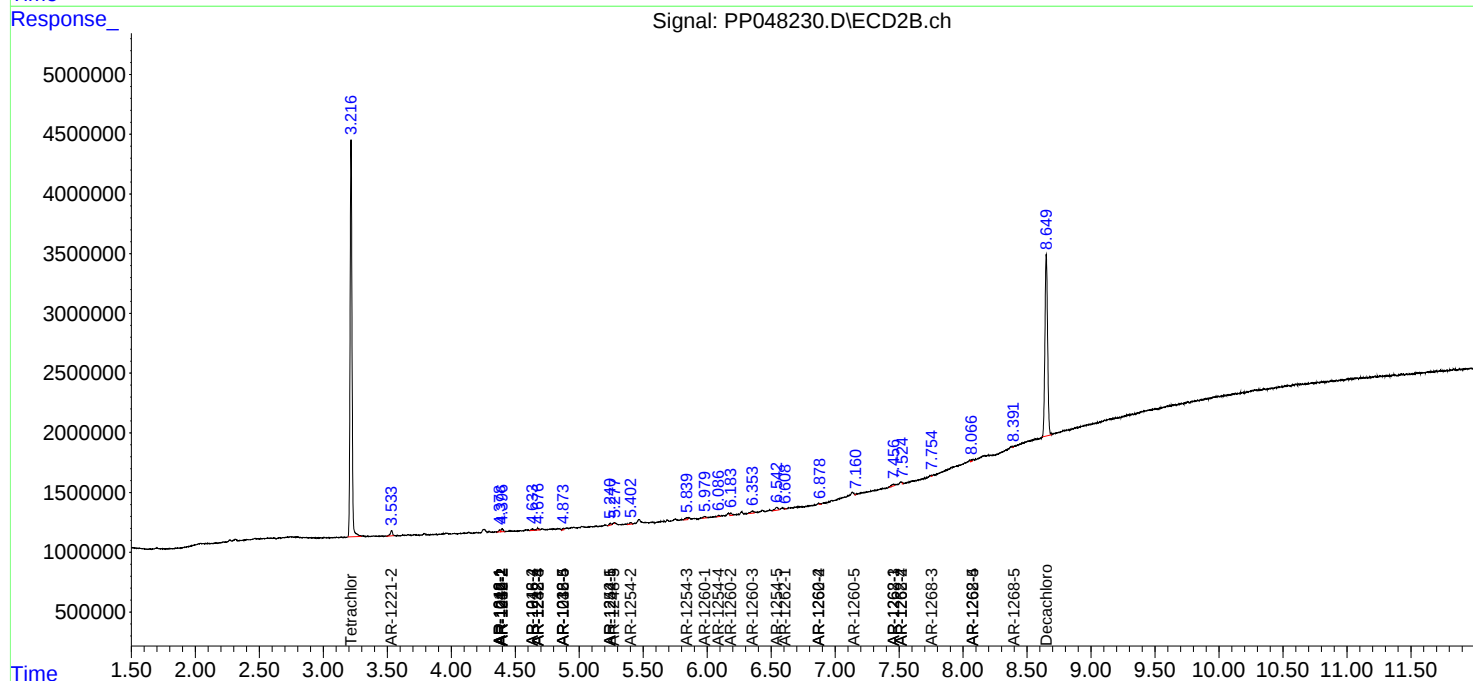
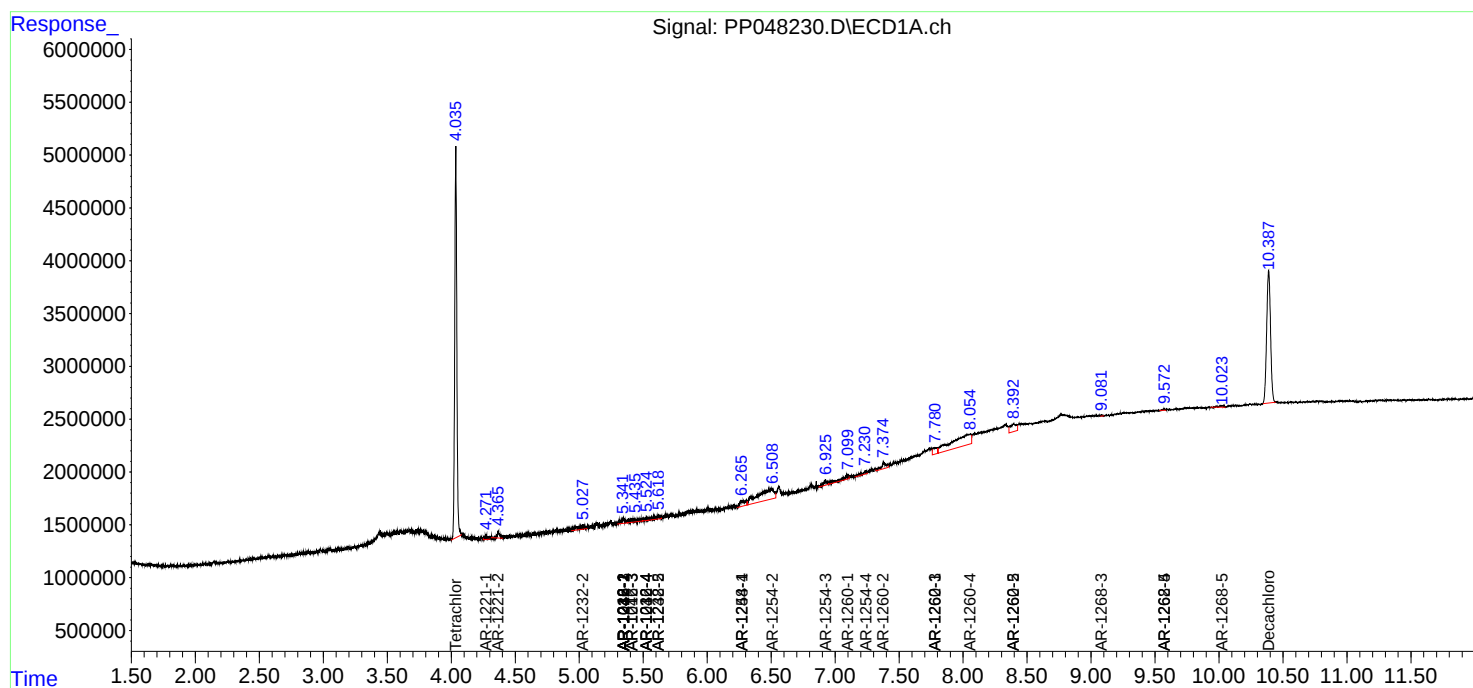
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

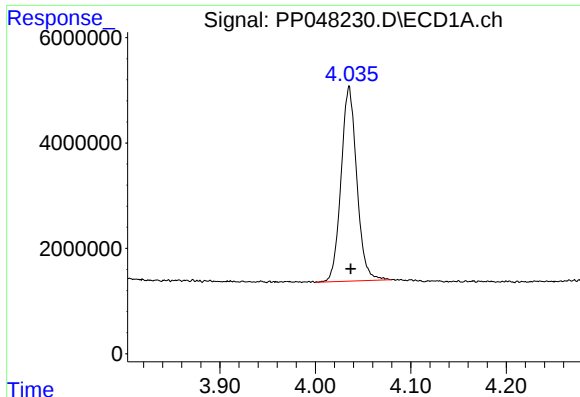
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

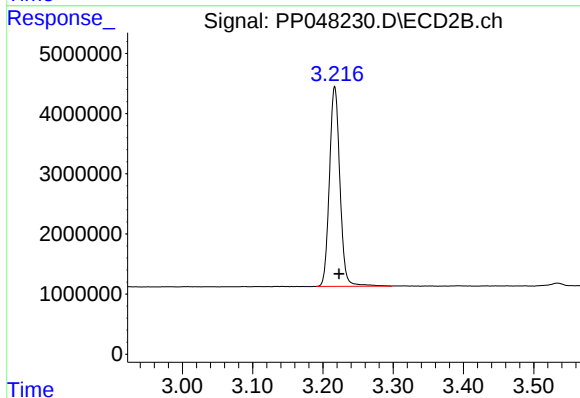




#1 Tetrachloro-m-xylene

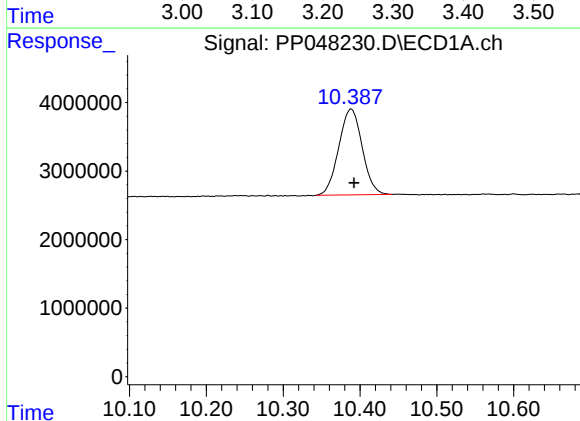
R.T.: 4.035 min
Delta R.T.: -0.002 min
Response: 42215033
Conc: 18.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



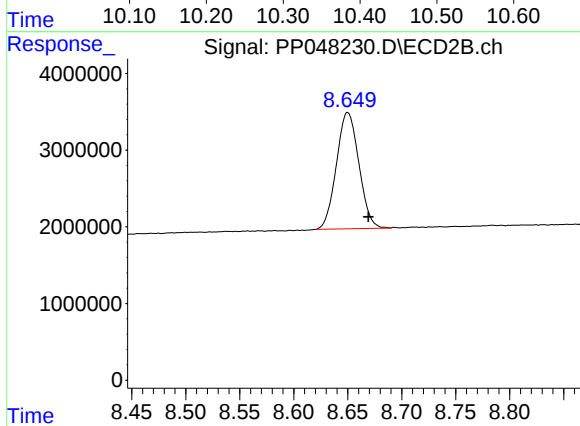
#1 Tetrachloro-m-xylene

R.T.: 3.217 min
Delta R.T.: -0.006 min
Response: 34320304
Conc: 17.41 ng/ml



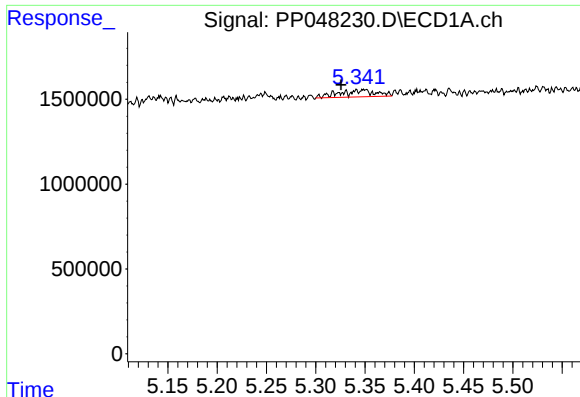
#2 Decachlorobiphenyl

R.T.: 10.388 min
Delta R.T.: -0.004 min
Response: 26465234
Conc: 13.62 ng/ml



#2 Decachlorobiphenyl

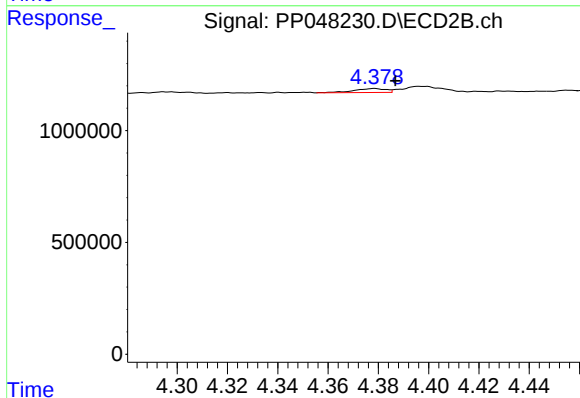
R.T.: 8.650 min
Delta R.T.: -0.019 min
Response: 22014158
Conc: 13.62 ng/ml



#3 AR-1016-1

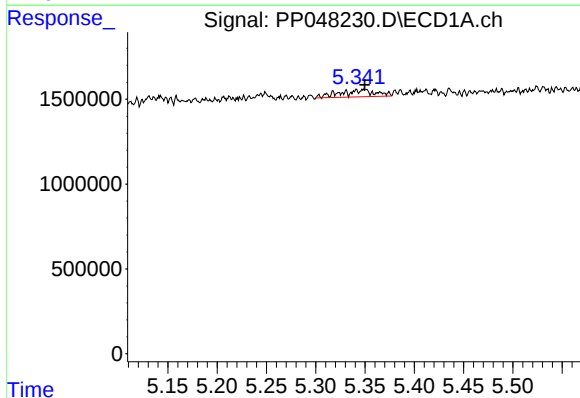
R.T.: 5.349 min
Delta R.T.: 0.023 min
Response: 1040994
Conc: 12.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



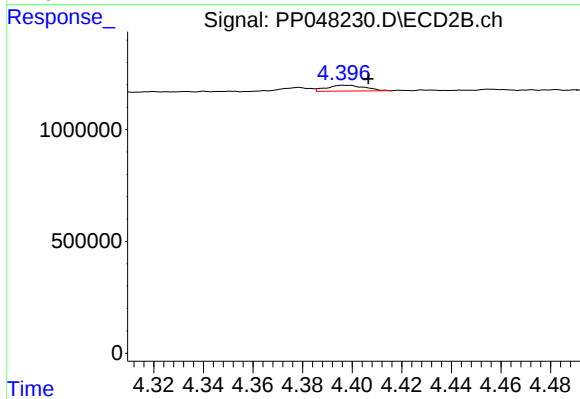
#3 AR-1016-1

R.T.: 4.379 min
Delta R.T.: -0.008 min
Response: 152969
Conc: 2.27 ng/ml



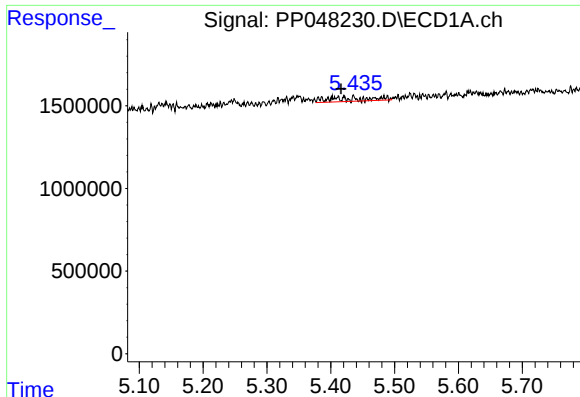
#4 AR-1016-2

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 1040994
Conc: 8.80 ng/ml



#4 AR-1016-2

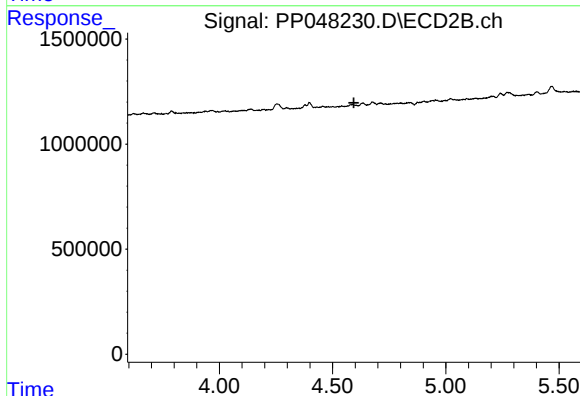
R.T.: 4.396 min
Delta R.T.: -0.010 min
Response: 275706
Conc: 2.96 ng/ml



#5 AR-1016-3

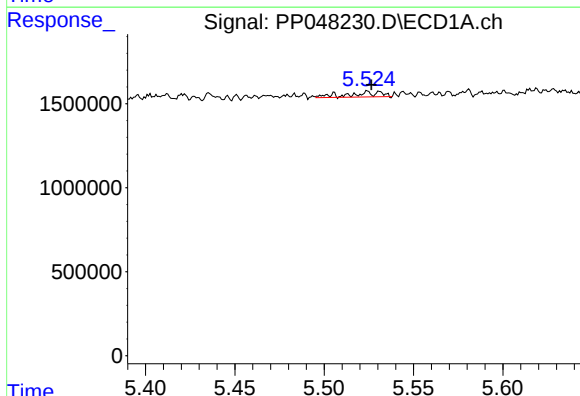
R.T.: 5.421 min
Delta R.T.: 0.005 min
Response: 1031202
Conc: 15.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



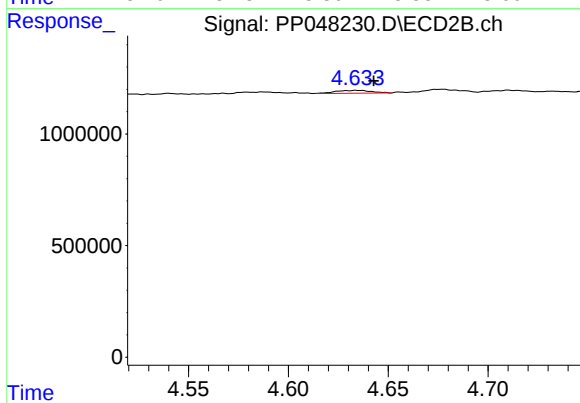
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.594 min
Response: 0
Conc: N.D.



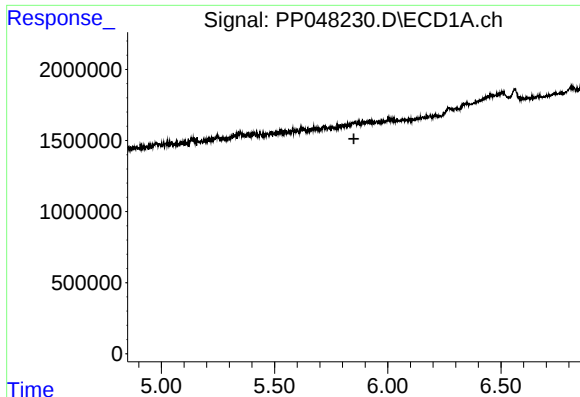
#6 AR-1016-4

R.T.: 5.530 min
Delta R.T.: 0.004 min
Response: 378483
Conc: 6.14 ng/ml



#6 AR-1016-4

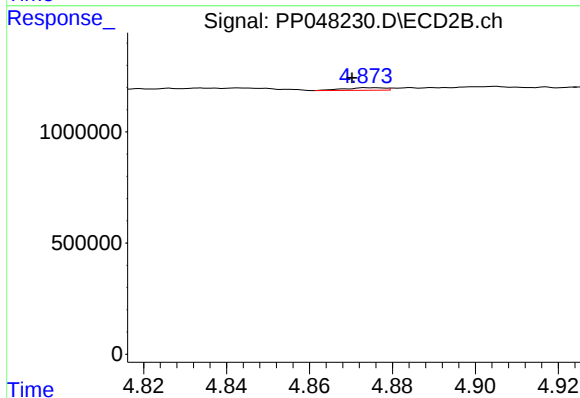
R.T.: 4.634 min
Delta R.T.: -0.009 min
Response: 161127
Conc: 4.23 ng/ml



#7 AR-1016-5

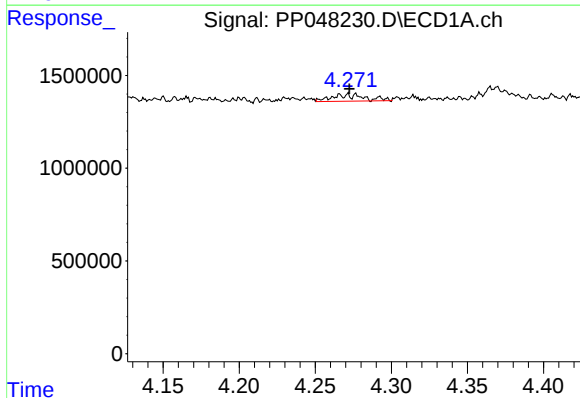
R.T.: 0.000 min
Exp R.T.: 5.851 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



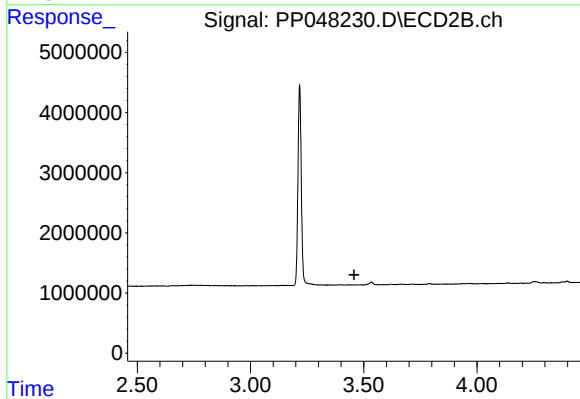
#7 AR-1016-5

R.T.: 4.874 min
Delta R.T.: 0.003 min
Response: 78922
Conc: 1.65 ng/ml



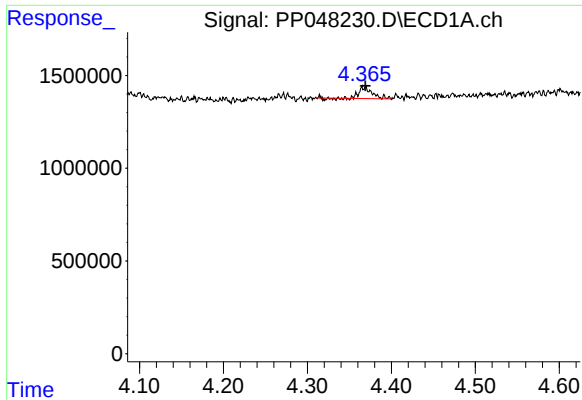
#8 AR-1221-1

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 548948
Conc: 20.76 ng/ml



#8 AR-1221-1

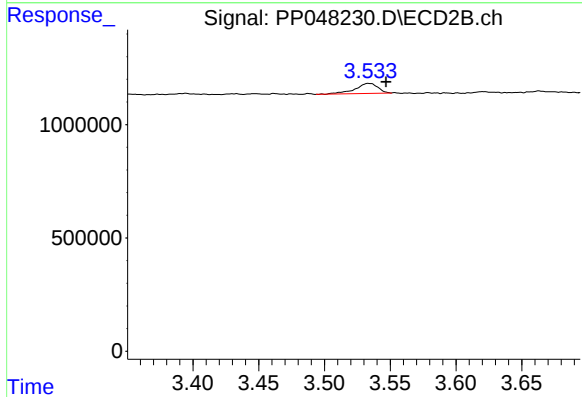
R.T.: 0.000 min
Exp R.T.: 3.457 min
Response: 0
Conc: N.D.



#9 AR-1221-2

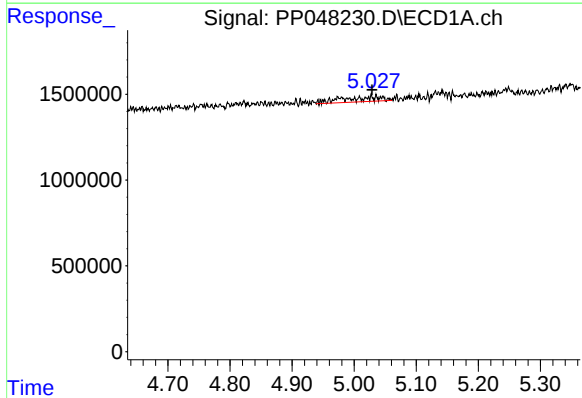
R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 646380
Conc: 31.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



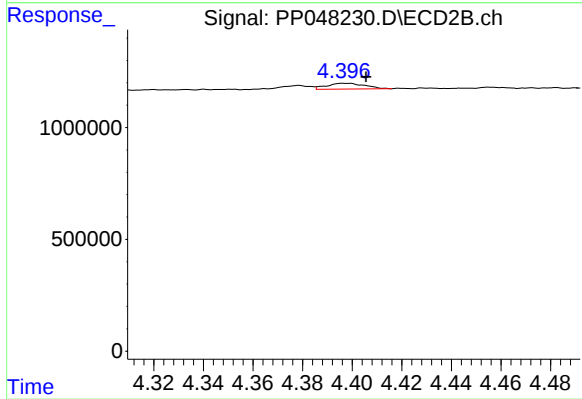
#9 AR-1221-2

R.T.: 3.534 min
Delta R.T.: -0.013 min
Response: 531353
Conc: 34.59 ng/ml



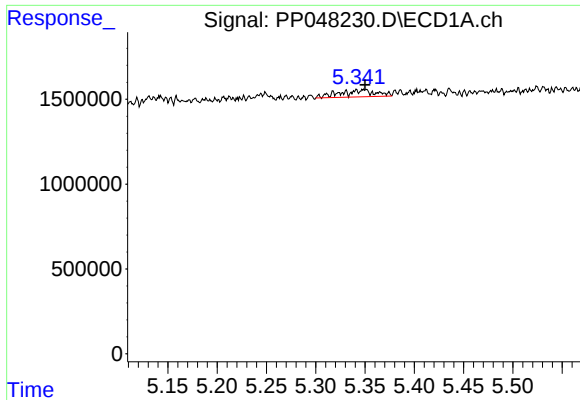
#12 AR-1232-2

R.T.: 5.027 min
Delta R.T.: -0.002 min
Response: 1230217
Conc: 51.24 ng/ml



#12 AR-1232-2

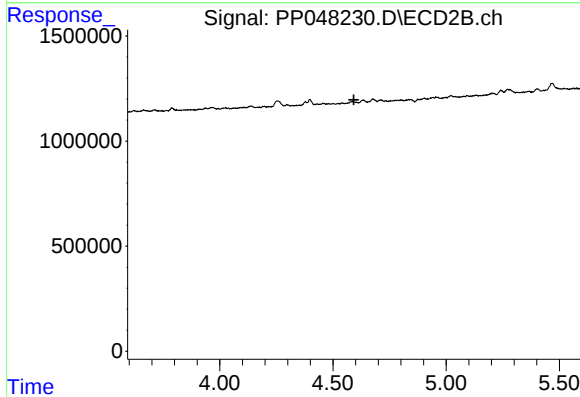
R.T.: 4.396 min
Delta R.T.: -0.009 min
Response: 275706
Conc: 6.84 ng/ml



#13 AR-1232-3

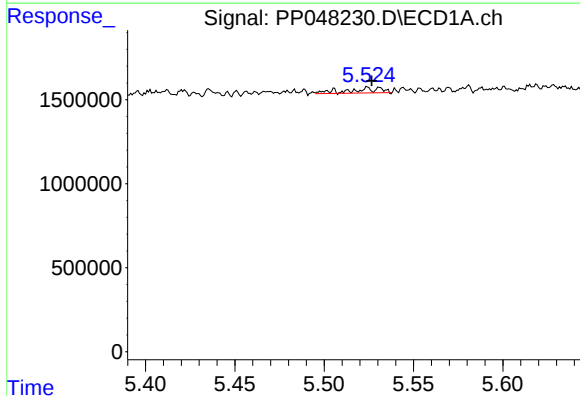
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 1040994
Conc: 20.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



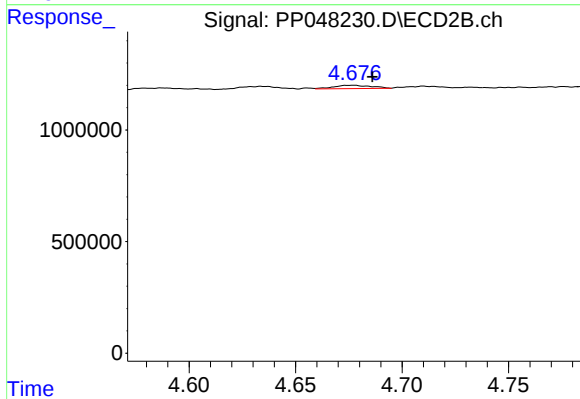
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.593 min
Response: 0
Conc: N.D.



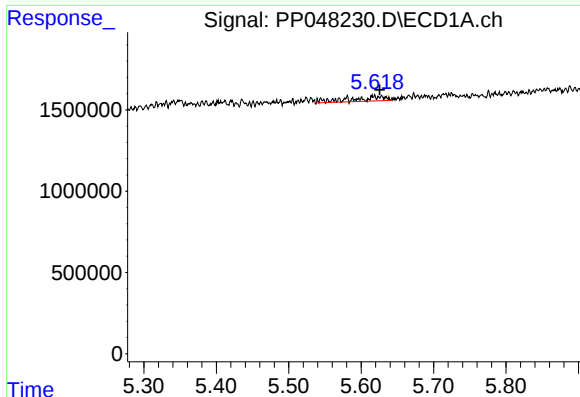
#14 AR-1232-4

R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 378483
Conc: 15.83 ng/ml



#14 AR-1232-4

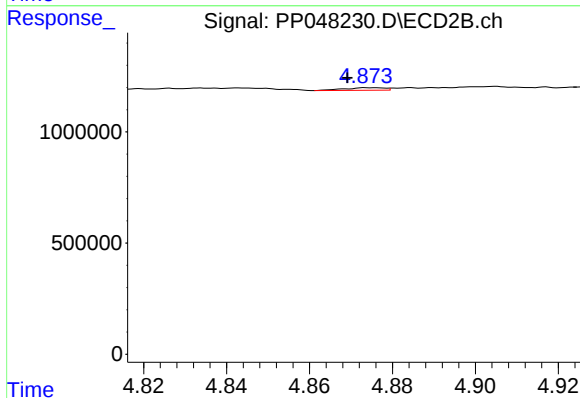
R.T.: 4.677 min
Delta R.T.: -0.009 min
Response: 175994
Conc: 10.14 ng/ml



#15 AR-1232-5

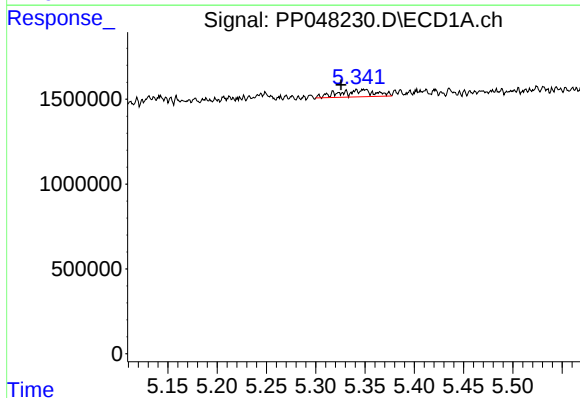
R.T.: 5.618 min
Delta R.T.: -0.007 min
Response: 918692
Conc: 56.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



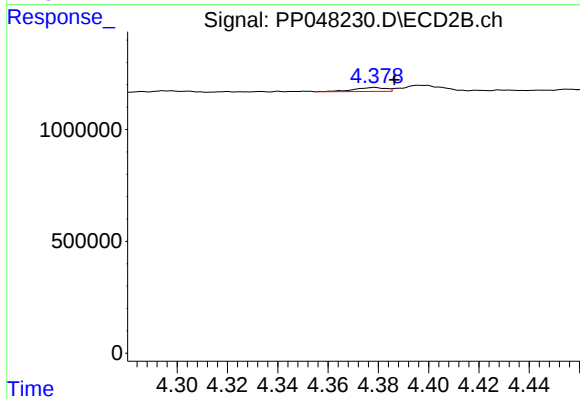
#15 AR-1232-5

R.T.: 4.874 min
Delta R.T.: 0.005 min
Response: 78922
Conc: 4.03 ng/ml



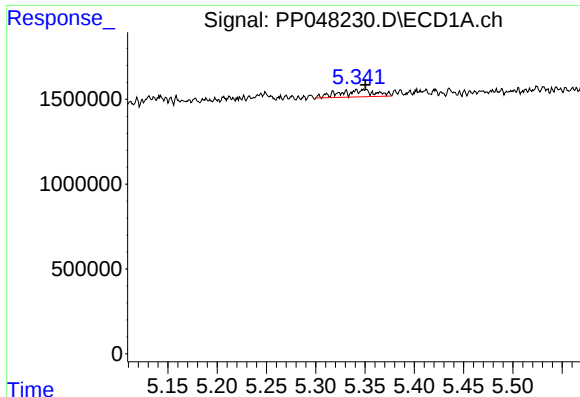
#16 AR-1242-1

R.T.: 5.349 min
Delta R.T.: 0.023 min
Response: 1040994
Conc: 18.62 ng/ml



#16 AR-1242-1

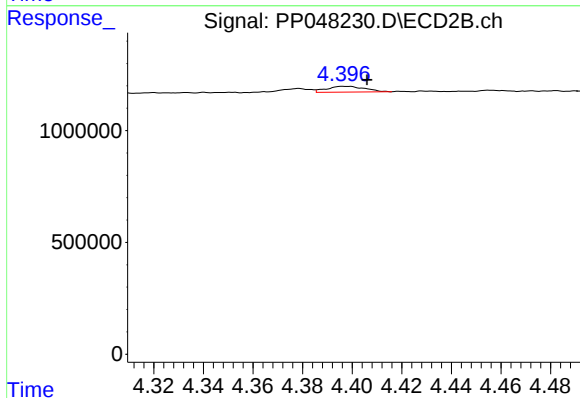
R.T.: 4.379 min
Delta R.T.: -0.008 min
Response: 152969
Conc: 3.21 ng/ml



#17 AR-1242-2

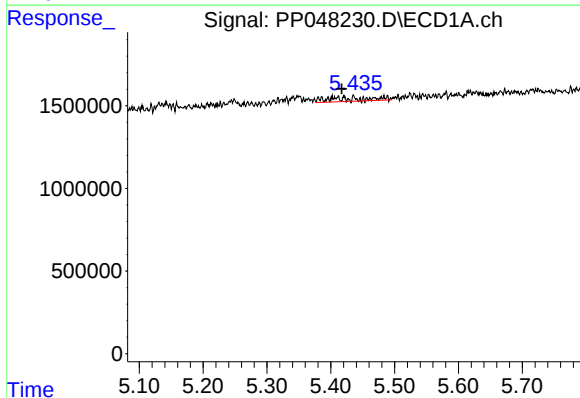
R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 1040994
Conc: 12.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



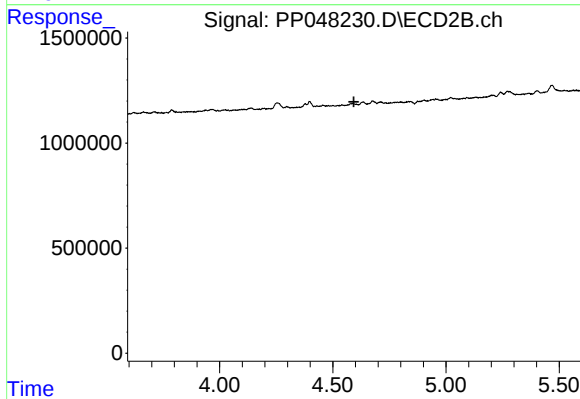
#17 AR-1242-2

R.T.: 4.396 min
Delta R.T.: -0.010 min
Response: 275706
Conc: 4.15 ng/ml



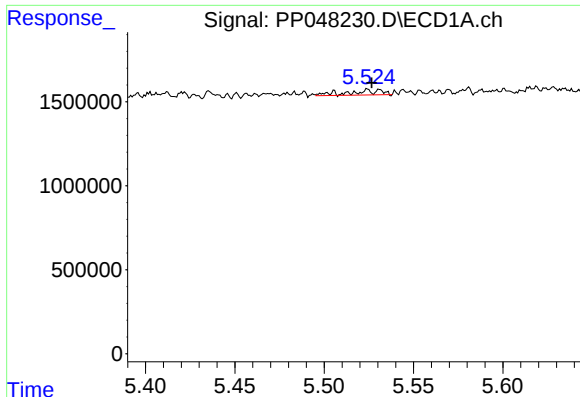
#18 AR-1242-3

R.T.: 5.421 min
Delta R.T.: 0.004 min
Response: 1031202
Conc: 21.01 ng/ml



#18 AR-1242-3

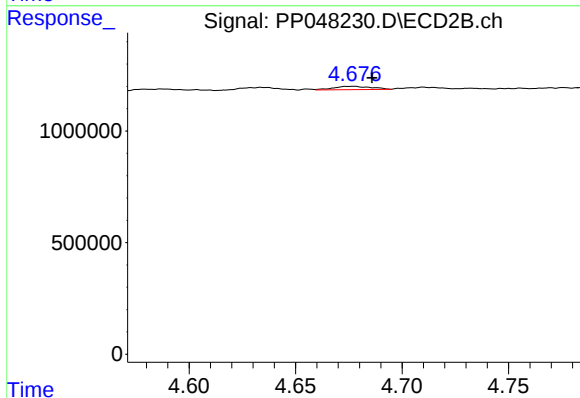
R.T.: 0.000 min
Exp R.T.: 4.593 min
Response: 0
Conc: N.D.



#19 AR-1242-4

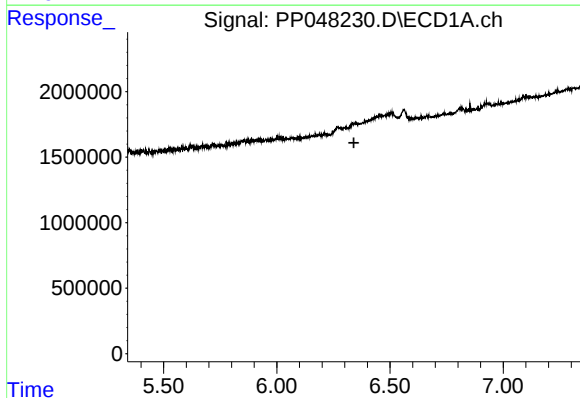
R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 378483
Conc: 9.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



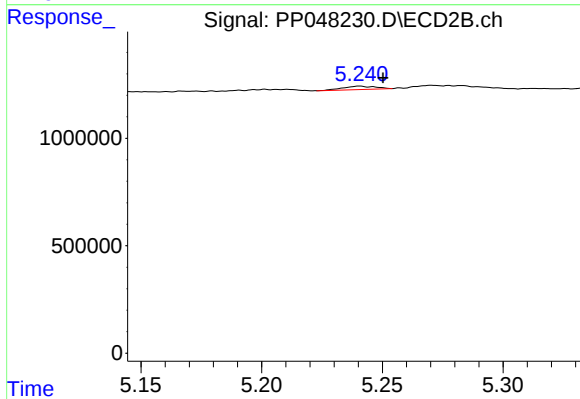
#19 AR-1242-4

R.T.: 4.677 min
Delta R.T.: -0.008 min
Response: 175994
Conc: 5.48 ng/ml



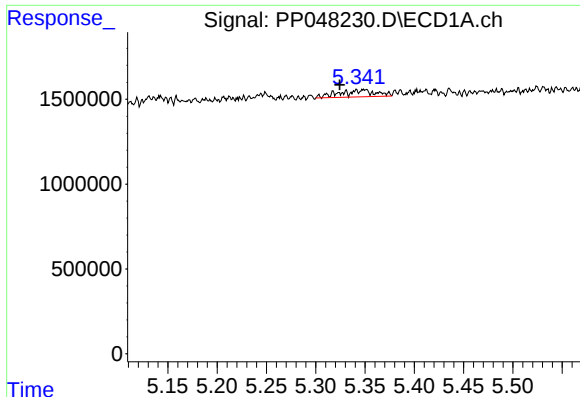
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.340 min
Response: 0
Conc: N.D.



#20 AR-1242-5

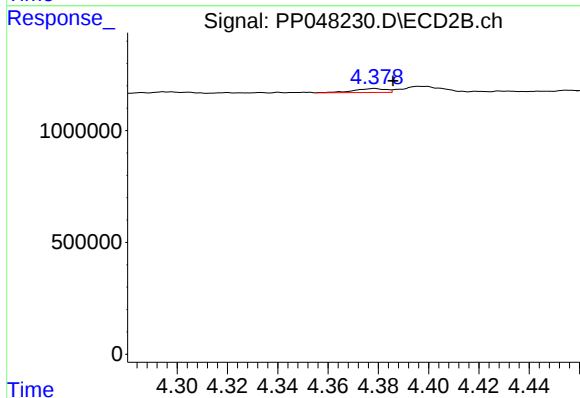
R.T.: 5.241 min
Delta R.T.: -0.010 min
Response: 150899
Conc: 3.61 ng/ml



#21 AR-1248-1

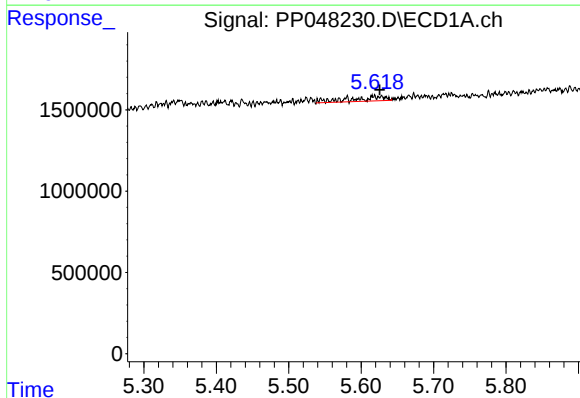
R.T.: 5.349 min
Delta R.T.: 0.025 min
Response: 1040994
Conc: 24.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



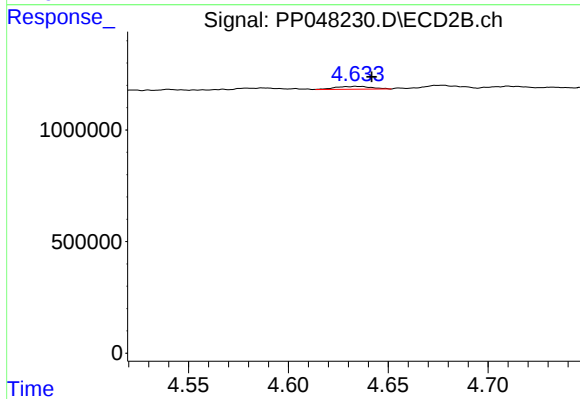
#21 AR-1248-1

R.T.: 4.379 min
Delta R.T.: -0.007 min
Response: 152969
Conc: 4.18 ng/ml



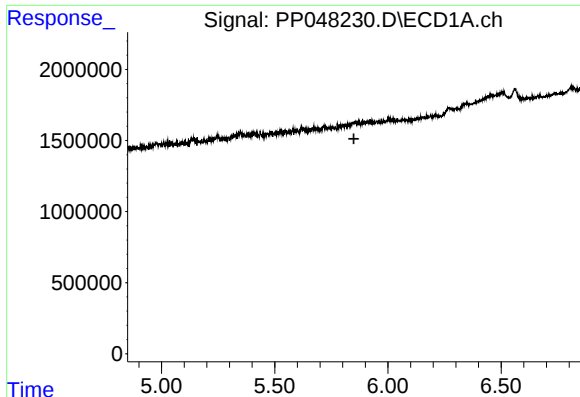
#22 AR-1248-2

R.T.: 5.618 min
Delta R.T.: -0.007 min
Response: 918692
Conc: 16.06 ng/ml



#22 AR-1248-2

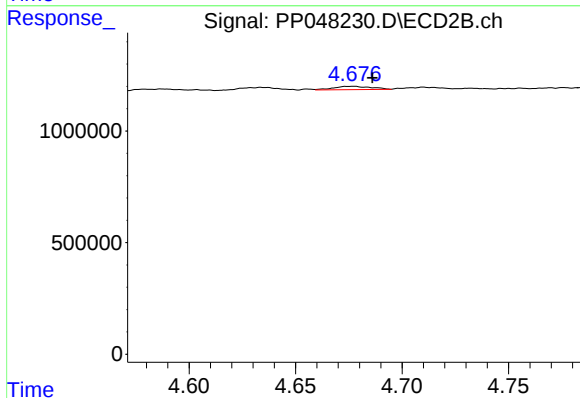
R.T.: 4.634 min
Delta R.T.: -0.008 min
Response: 161127
Conc: 3.38 ng/ml



#23 AR-1248-3

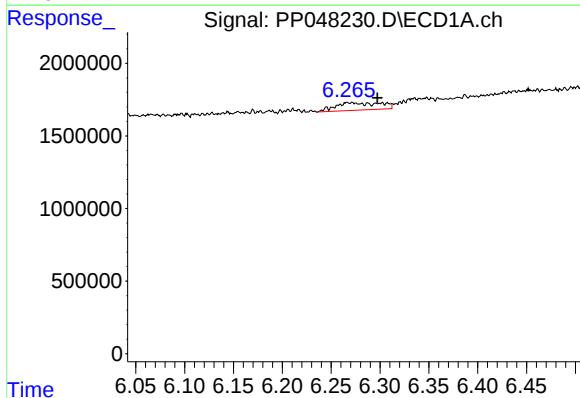
R.T.: 0.000 min
Exp R.T.: 5.849 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



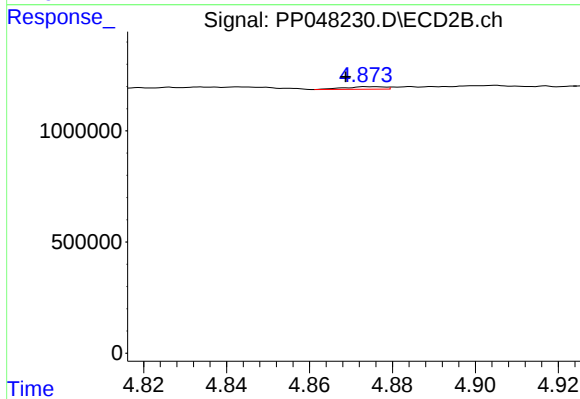
#23 AR-1248-3

R.T.: 4.677 min
Delta R.T.: -0.009 min
Response: 175994
Conc: 3.55 ng/ml



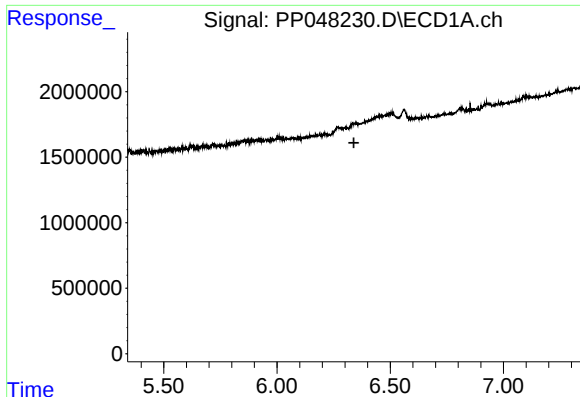
#24 AR-1248-4

R.T.: 6.270 min
Delta R.T.: -0.028 min
Response: 1652664
Conc: 21.25 ng/ml



#24 AR-1248-4

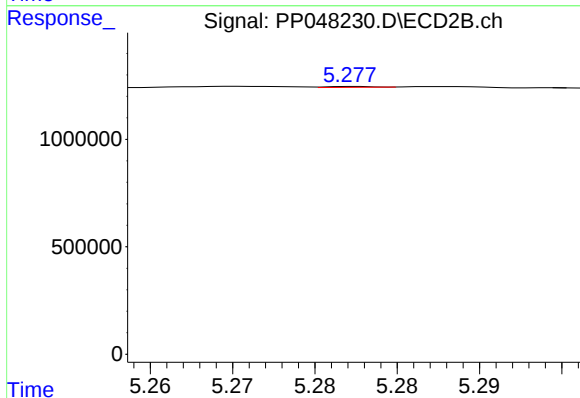
R.T.: 4.874 min
Delta R.T.: 0.005 min
Response: 78922
Conc: 1.35 ng/ml



#25 AR-1248-5

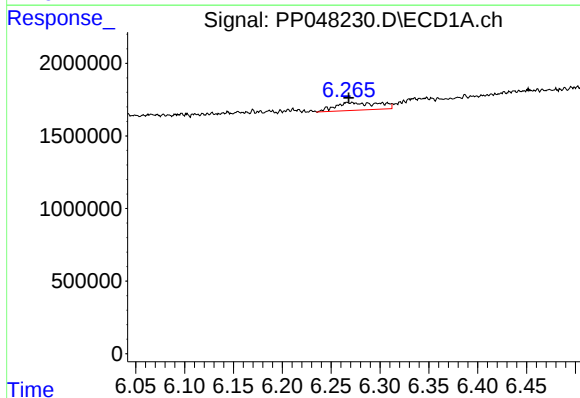
R.T.: 0.000 min
Exp R.T.: 6.340 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



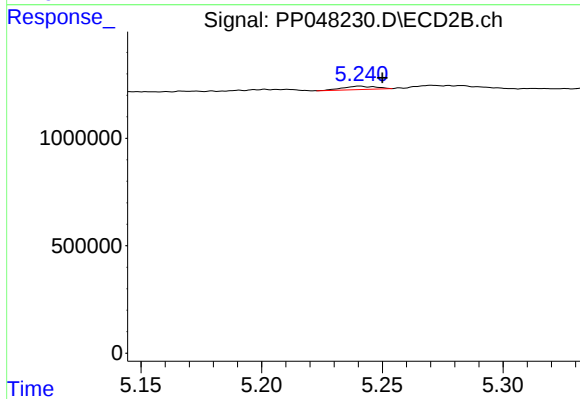
#25 AR-1248-5

R.T.: 5.278 min
Delta R.T.: -0.016 min
Response: 6763
Conc: 0.11 ng/ml



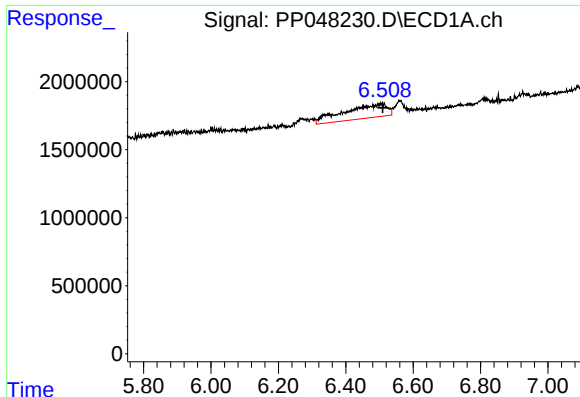
#26 AR-1254-1

R.T.: 6.270 min
Delta R.T.: 0.002 min
Response: 1652664
Conc: 22.77 ng/ml



#26 AR-1254-1

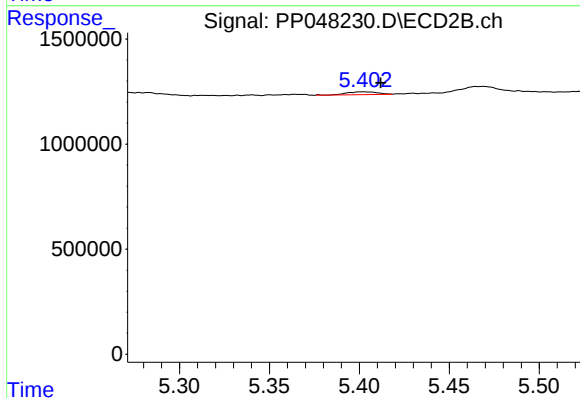
R.T.: 5.241 min
Delta R.T.: -0.009 min
Response: 150899
Conc: 1.72 ng/ml



#27 AR-1254-2

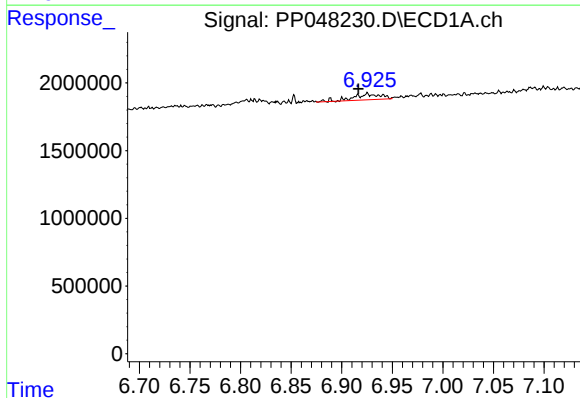
R.T.: 6.505 min
Delta R.T.: -0.006 min
Response: 8967389
Conc: 75.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



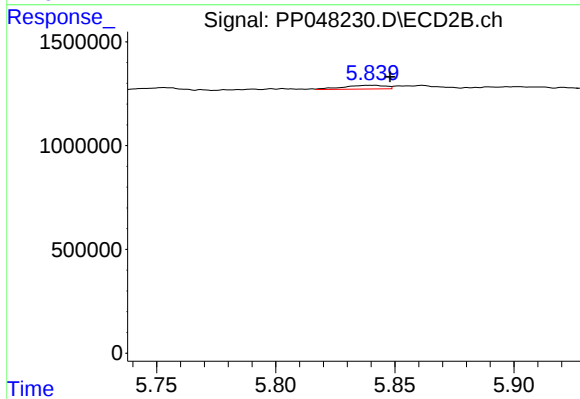
#27 AR-1254-2

R.T.: 5.402 min
Delta R.T.: -0.010 min
Response: 168045
Conc: 2.24 ng/ml



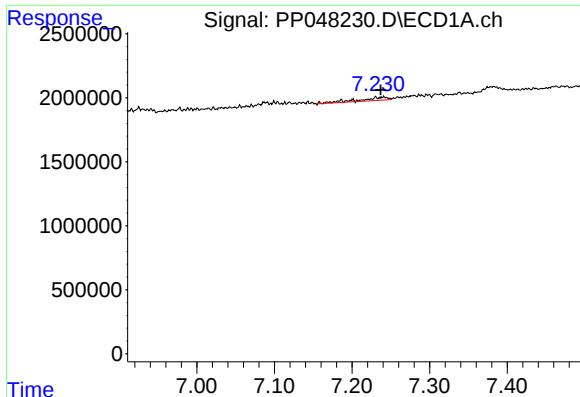
#28 AR-1254-3

R.T.: 6.927 min
Delta R.T.: 0.010 min
Response: 812267
Conc: 6.84 ng/ml



#28 AR-1254-3

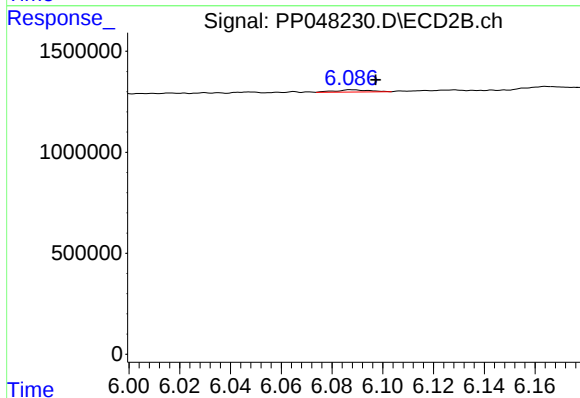
R.T.: 5.840 min
Delta R.T.: -0.008 min
Response: 220461
Conc: 1.80 ng/ml



#29 AR-1254-4

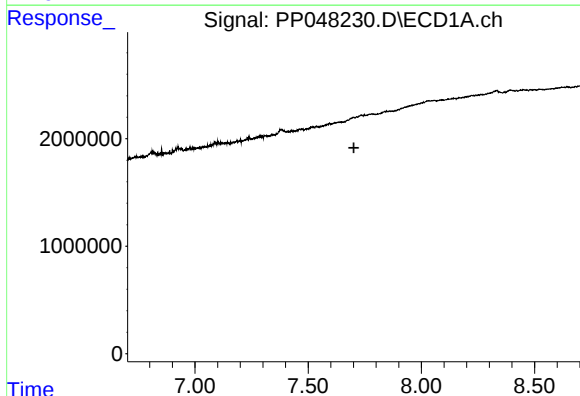
R.T.: 7.241 min
Delta R.T.: 0.004 min
Response: 601867
Conc: 6.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



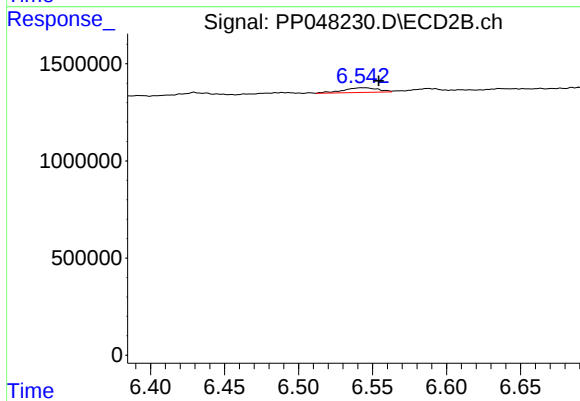
#29 AR-1254-4

R.T.: 6.088 min
Delta R.T.: -0.010 min
Response: 108491
Conc: 1.44 ng/ml



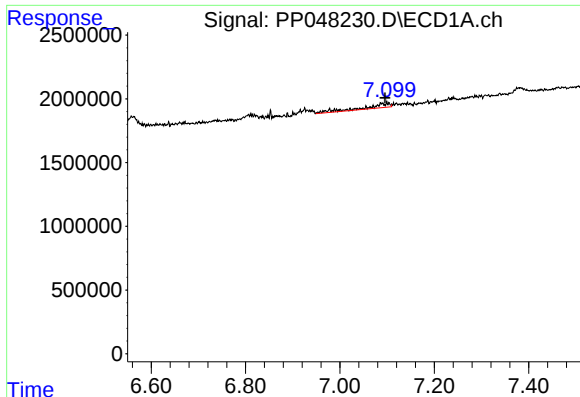
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.702 min
Response: 0
Conc: N.D.



#30 AR-1254-5

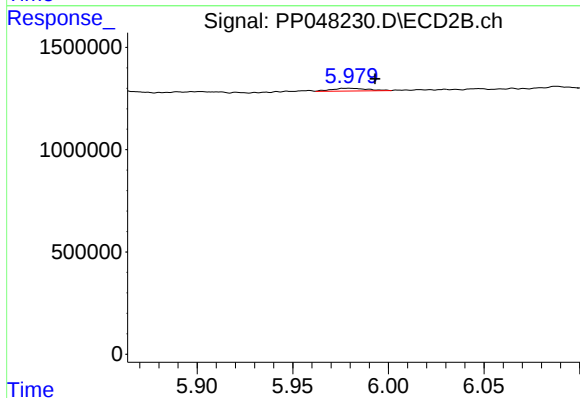
R.T.: 6.542 min
Delta R.T.: -0.012 min
Response: 395016
Conc: 3.90 ng/ml



#31 AR-1260-1

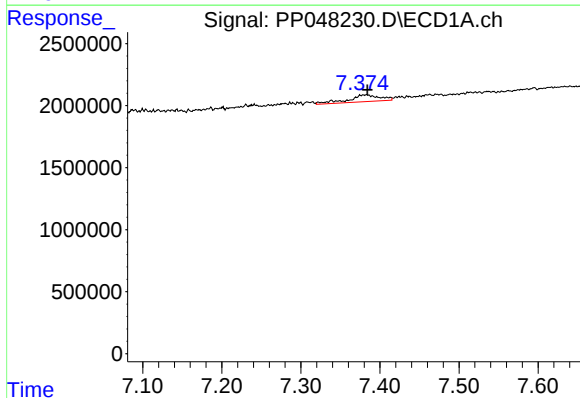
R.T.: 7.101 min
Delta R.T.: 0.005 min
Response: 1266444
Conc: 13.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



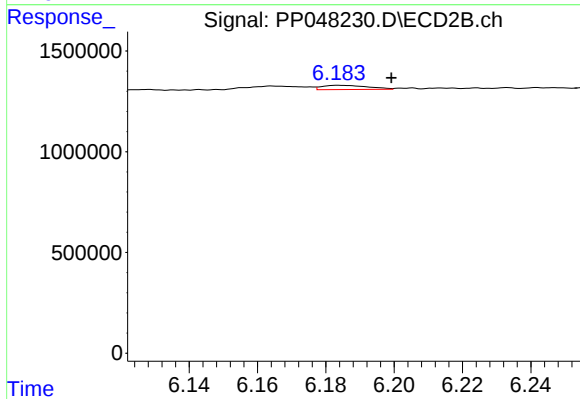
#31 AR-1260-1

R.T.: 5.979 min
Delta R.T.: -0.014 min
Response: 179684
Conc: 2.10 ng/ml



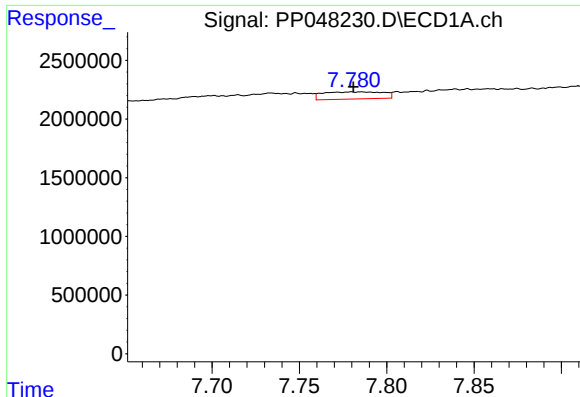
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: -0.003 min
Response: 1523629
Conc: 13.63 ng/ml



#32 AR-1260-2

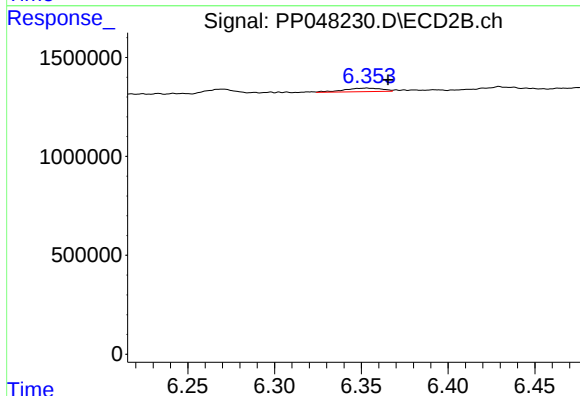
R.T.: 6.184 min
Delta R.T.: -0.016 min
Response: 200711
Conc: 1.95 ng/ml



#33 AR-1260-3

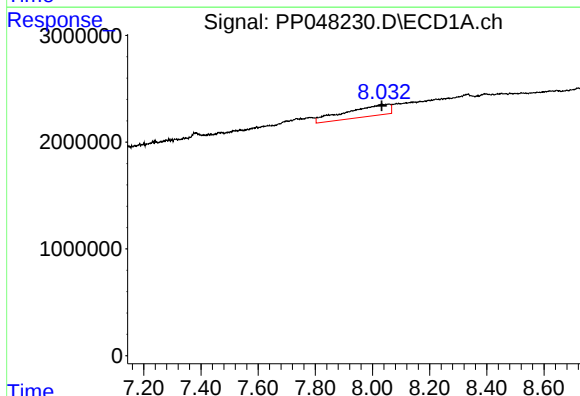
R.T.: 7.785 min
Delta R.T.: 0.003 min
Response: 1467304
Conc: 17.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



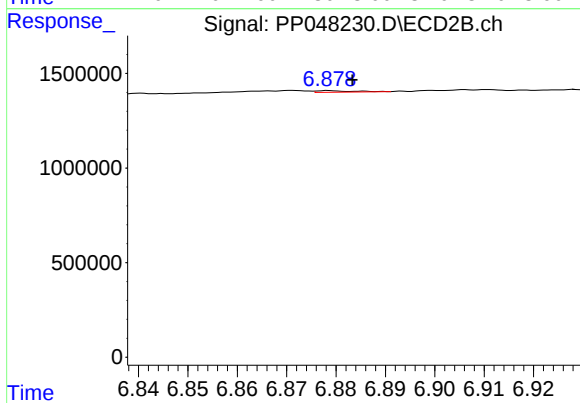
#33 AR-1260-3

R.T.: 6.353 min
Delta R.T.: -0.012 min
Response: 275149
Conc: 2.78 ng/ml



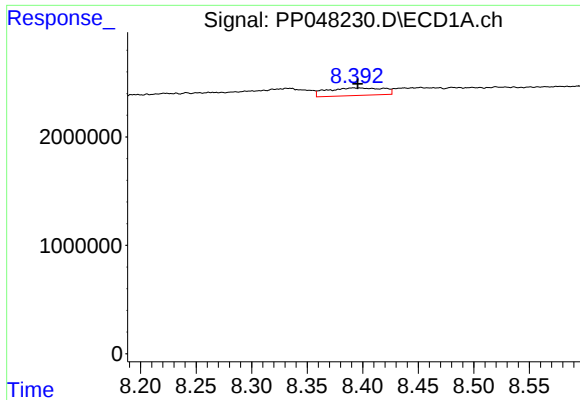
#34 AR-1260-4

R.T.: 8.057 min
Delta R.T.: 0.024 min
Response: 11402183
Conc: 109.89 ng/ml



#34 AR-1260-4

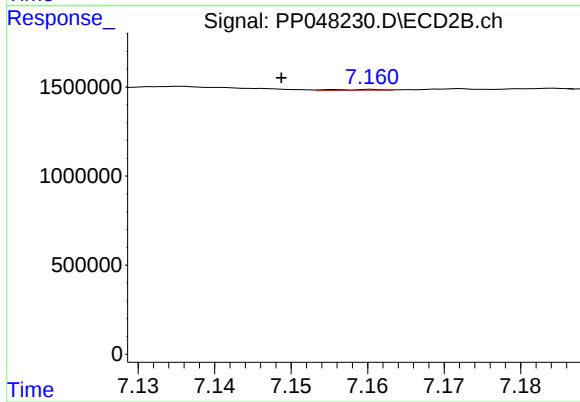
R.T.: 6.879 min
Delta R.T.: -0.005 min
Response: 41340
Conc: 0.50 ng/ml



#35 AR-1260-5

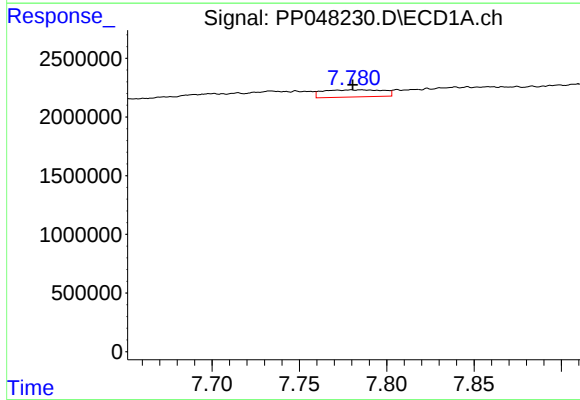
R.T.: 8.394 min
Delta R.T.: -0.002 min
Response: 2471657
Conc: 11.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



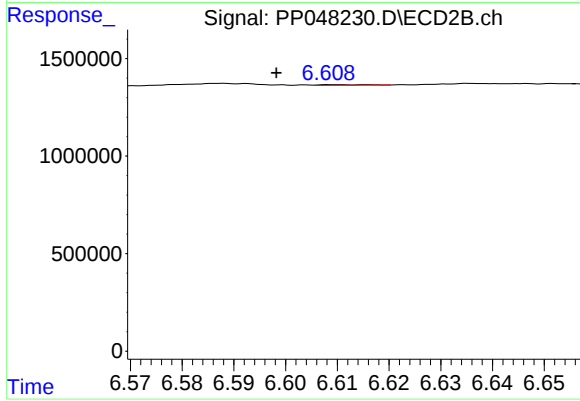
#35 AR-1260-5

R.T.: 7.156 min
Delta R.T.: 0.007 min
Response: 23716
Conc: 0.12 ng/ml



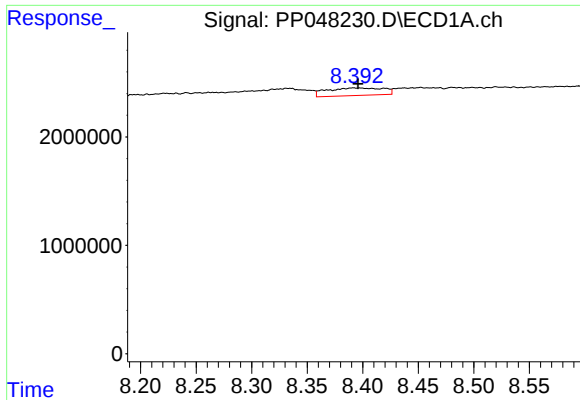
#36 AR-1262-1

R.T.: 7.785 min
Delta R.T.: 0.004 min
Response: 1467304
Conc: 12.87 ng/ml



#36 AR-1262-1

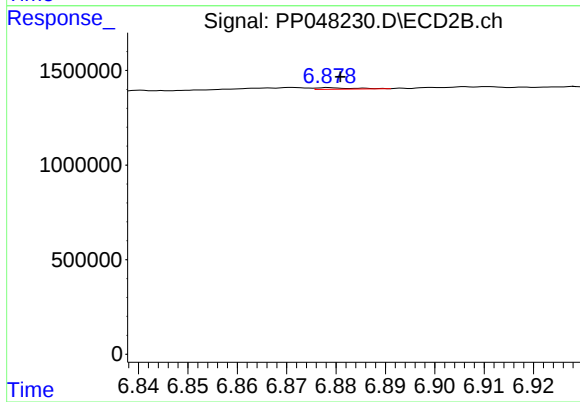
R.T.: 6.609 min
Delta R.T.: 0.010 min
Response: 19586
Conc: 0.18 ng/ml



#37 AR-1262-2

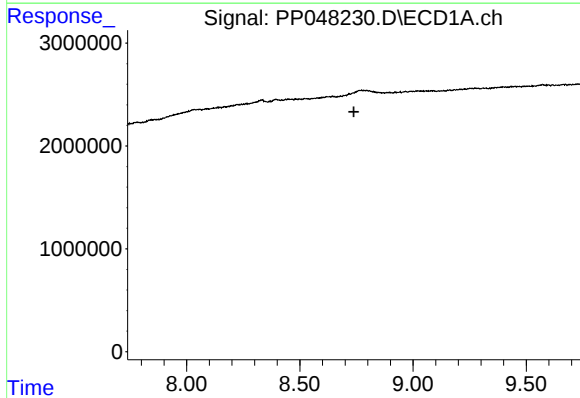
R.T.: 8.394 min
Delta R.T.: -0.002 min
Response: 2471657
Conc: 11.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



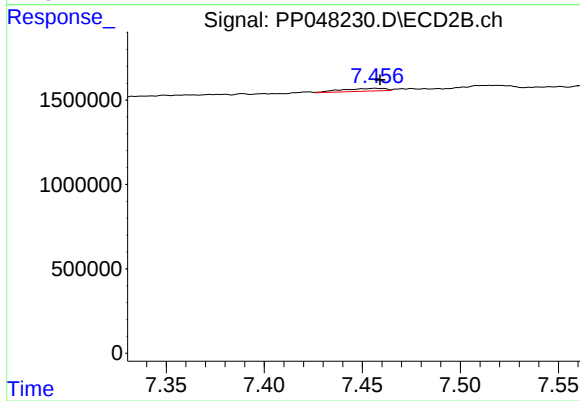
#37 AR-1262-2

R.T.: 6.879 min
Delta R.T.: -0.002 min
Response: 41340
Conc: 0.42 ng/ml



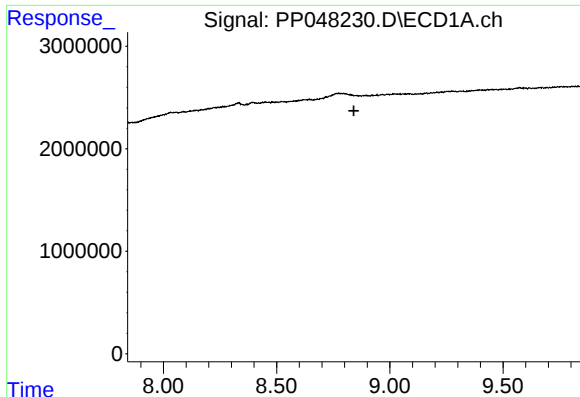
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.739 min
Response: 0
Conc: N.D.



#38 AR-1262-3

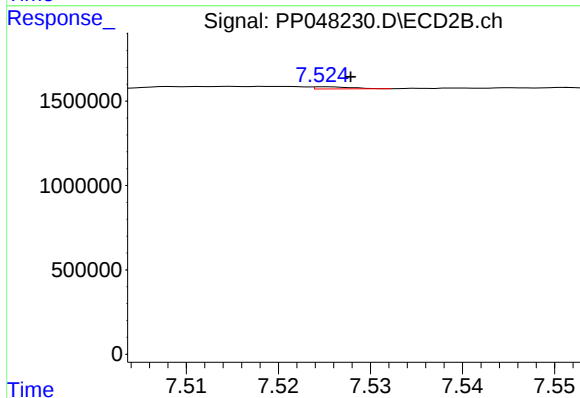
R.T.: 7.457 min
Delta R.T.: -0.002 min
Response: 250464
Conc: 3.33 ng/ml



#39 AR-1262-4

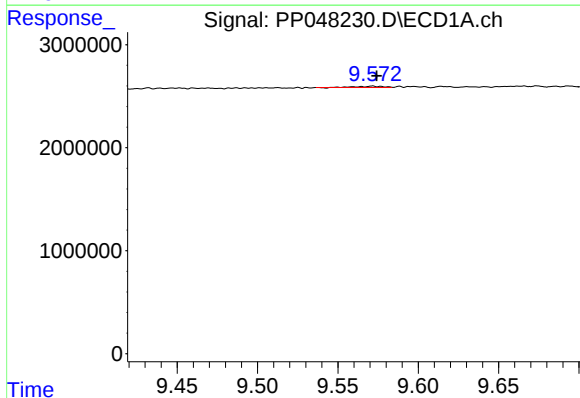
R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



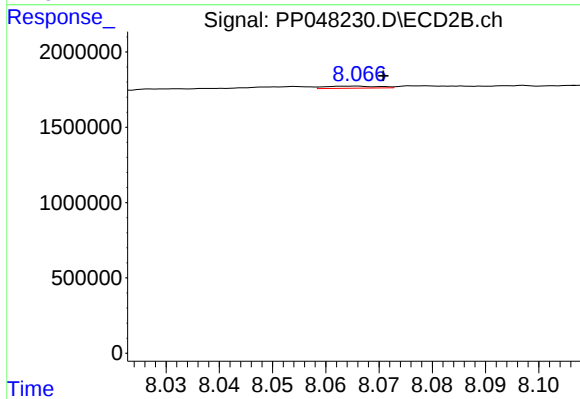
#39 AR-1262-4

R.T.: 7.525 min
Delta R.T.: -0.003 min
Response: 35495
Conc: 0.24 ng/ml



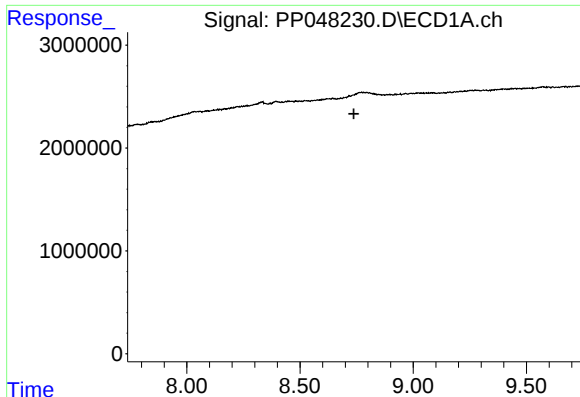
#40 AR-1262-5

R.T.: 9.572 min
Delta R.T.: -0.002 min
Response: 151148
Conc: 1.91 ng/ml



#40 AR-1262-5

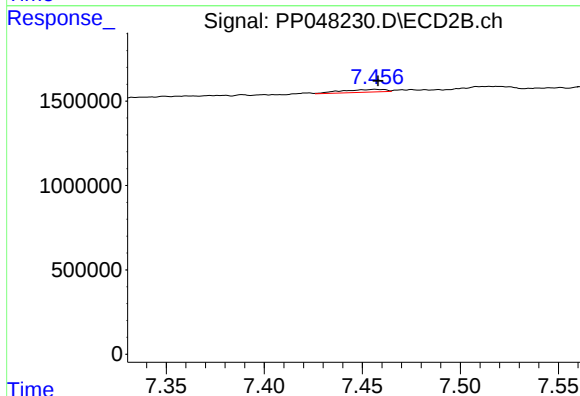
R.T.: 8.066 min
Delta R.T.: -0.005 min
Response: 97730
Conc: 1.45 ng/ml



#41 AR-1268-1

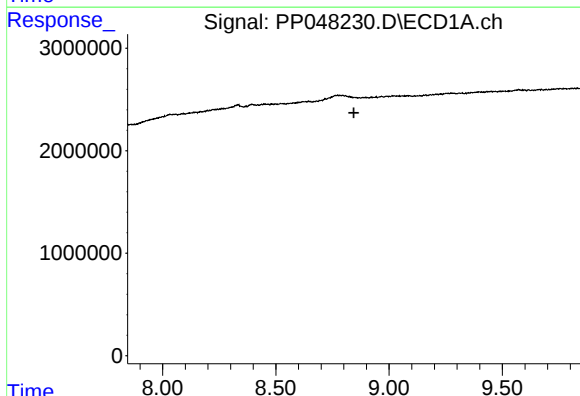
R.T.: 0.000 min
Exp R.T.: 8.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



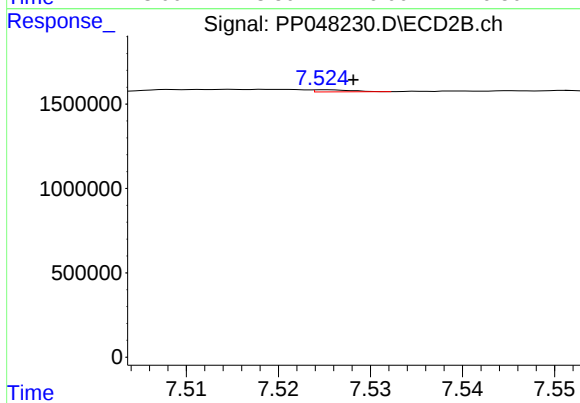
#41 AR-1268-1

R.T.: 7.457 min
Delta R.T.: -0.001 min
Response: 250464
Conc: 1.07 ng/ml



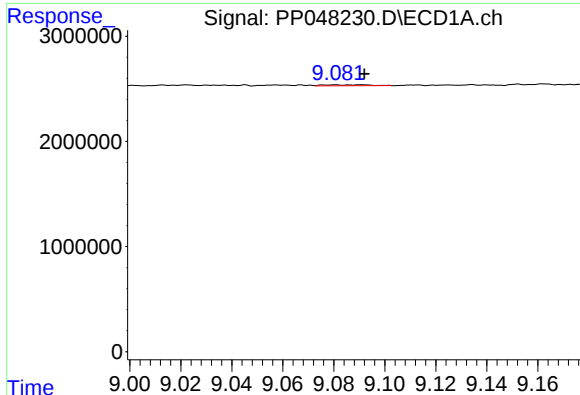
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.



#42 AR-1268-2

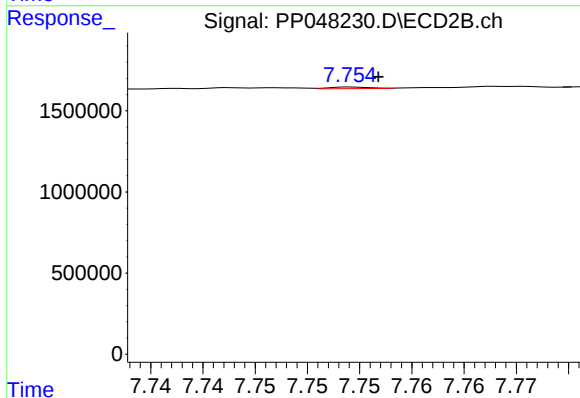
R.T.: 7.525 min
Delta R.T.: -0.003 min
Response: 35495
Conc: 0.16 ng/ml



#43 AR-1268-3

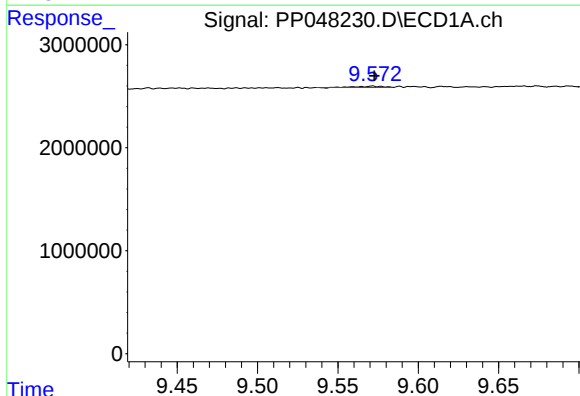
R.T.: 9.089 min
Delta R.T.: -0.003 min
Response: 97659
Conc: 0.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



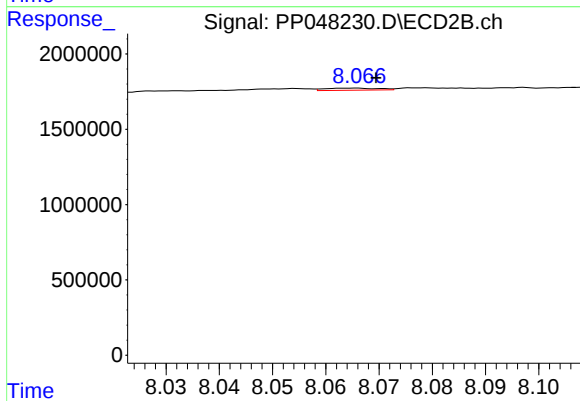
#43 AR-1268-3

R.T.: 7.754 min
Delta R.T.: -0.002 min
Response: 27832
Conc: 0.15 ng/ml



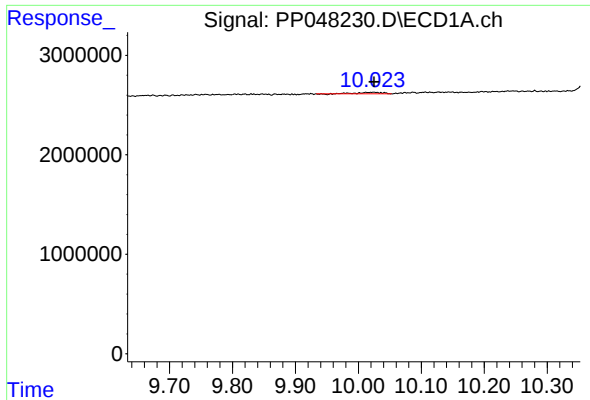
#44 AR-1268-4

R.T.: 9.572 min
Delta R.T.: 0.000 min
Response: 151148
Conc: 1.68 ng/ml



#44 AR-1268-4

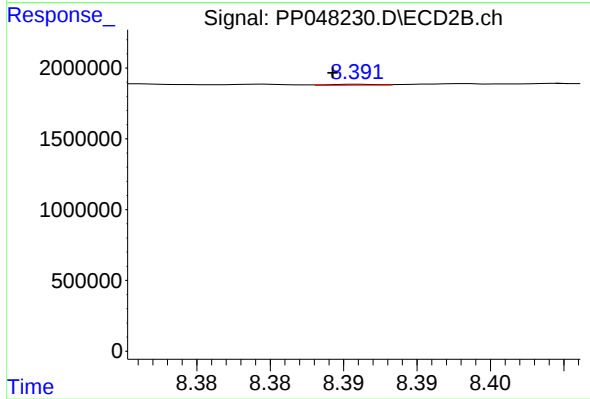
R.T.: 8.066 min
Delta R.T.: -0.004 min
Response: 97730
Conc: 1.19 ng/ml



#45 AR-1268-5

R.T.: 10.023 min
Delta R.T.: -0.002 min
Response: 377050
Conc: 0.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: 0.002 min
Response: 13430
Conc: 0.02 ng/ml