

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090718\
 Data File : PR031896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2018 23:12
 Operator : SM\SJ
 Sample : J4741-25
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:50:53 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 2018
 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...	4.523	3.655	423.2E6	797.0E6	21.587	21.617
2)	SA Decachlor...	10.269	8.516	650.4E6	530.8E6	20.220	20.277
Target Compounds							
3)	L1 AR-1016-1	0.000	4.329	0	1346136	N.D.	1.230 #
4)	L1 AR-1016-2	5.390	4.655	8671177	1881926	15.331	1.104 #
5)	L1 AR-1016-3	0.000	4.758	0	6375200	N.D.	2.199 #
6)	L1 AR-1016-4	0.000	4.758	0	6375200	N.D.	3.431 #
7)	L1 AR-1016-5	0.000	5.134	0	7295182	N.D.	4.226 #
8)	L2 AR-1221-1	0.000	3.855	0	5810340	N.D.	14.238 #
9)	L2 AR-1221-2	4.826	3.950	6214994	6640557	34.985	21.278 #
10)	L2 AR-1221-3	4.826	4.031	6214994	226914	11.200	0.220 #
11)	L3 AR-1232-1	0.000	4.482	0	2592856	N.D.	4.647 #
12)	L3 AR-1232-2	0.000	4.631	0	11365457	N.D.	60.204 #
13)	L3 AR-1232-3	0.000	4.982	0	2343888	N.D.	4.036 #
14)	L3 AR-1232-4	0.000	5.313	0	7146299	N.D.	9.792 #
16)	L4 AR-1242-1	0.000	4.329	0	1346136	N.D.	2.297 #
17)	L4 AR-1242-2	0.000	4.906	0	4868996	N.D.	4.006 #
18)	L4 AR-1242-3	0.000	5.002	0	4849558	N.D.	11.224 #
19)	L4 AR-1242-4	0.000	5.362	0	11829797	N.D.	28.656 #
20)	L4 AR-1242-5	0.000	5.743	0	3206171	N.D.	3.424 #
21)	L5 AR-1248-1	0.000	4.941	0	17916760	N.D.	10.211 #
22)	L5 AR-1248-2	6.542	5.451	3521968	19352145	4.160	5.282 #
23)	L5 AR-1248-3	6.566	5.524	1446851	24081355	1.268	9.205 #
24)	L5 AR-1248-4	6.566	5.699	1446851	14002149	1.343	5.243 #
25)	L5 AR-1248-5	6.823	6.028	4564843	53575645	6.303	31.770 #
26)	L6 AR-1254-1	0.000	5.641	0	20410363	N.D.	5.368 #
27)	L6 AR-1254-2	0.000	5.922	0	7164524	N.D.	2.426 #
28)	L6 AR-1254-3	7.109	6.281	7086698	19031987	3.234	4.254 #
29)	L6 AR-1254-4	7.430	6.551	6596952	5523200	3.786	2.600 #
30)	L6 AR-1254-5	7.722	6.626	2511225	32069191	1.933	8.423 #
31)	L7 AR-1260-1	0.000	6.152	0	53162054	N.D.	14.410 #
32)	L7 AR-1260-2	7.478	6.361	1410366	12562335	0.708	2.804 #
33)	L7 AR-1260-3	0.000	6.426	0	1410710	N.D.	0.401 #
34)	L7 AR-1260-4	8.125	6.987	2422604	23022655	1.453	11.198 #
35)	L7 AR-1260-5	8.441	7.155	4438829	10766823	1.183	2.466 #
36)	L8 AR-1262-1	7.109	6.028	7086698	53575645	8.372	26.777 #
37)	L8 AR-1262-2	0.000	6.728	0	23157507	N.D.	15.396 #
38)	L8 AR-1262-3	0.000	6.987	0	23022655	N.D.	18.858 #
39)	L8 AR-1262-4	0.000	7.428	0	1397056	N.D.	0.834 #
40)	L8 AR-1262-5	9.472	8.028	3777525	1835983	2.473	1.450 #
41)	L9 AR-1268-1	0.000	6.728	0	23157507	N.D.	14.189 #
42)	L9 AR-1268-2	8.125	7.508	2422604	387473	1.927	0.096 #

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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
43) L9	AR-1268-3	0.000	7.718	0	15456174	N.D.	4.486 #
44) L9	AR-1268-4	9.083	0.000	3464516	0	0.785	N.D. #
45) L9	AR-1268-5	9.928	8.281	11940804	6400395	0.981	0.671 #

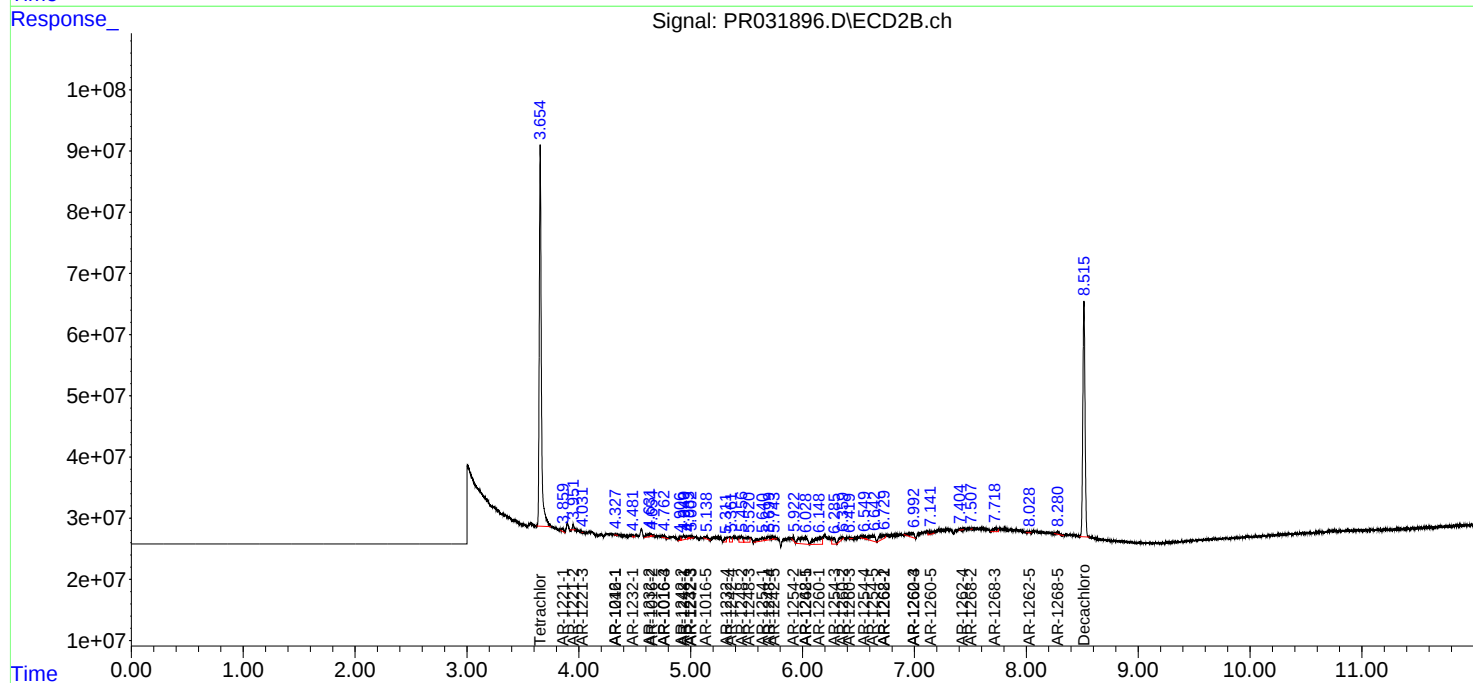
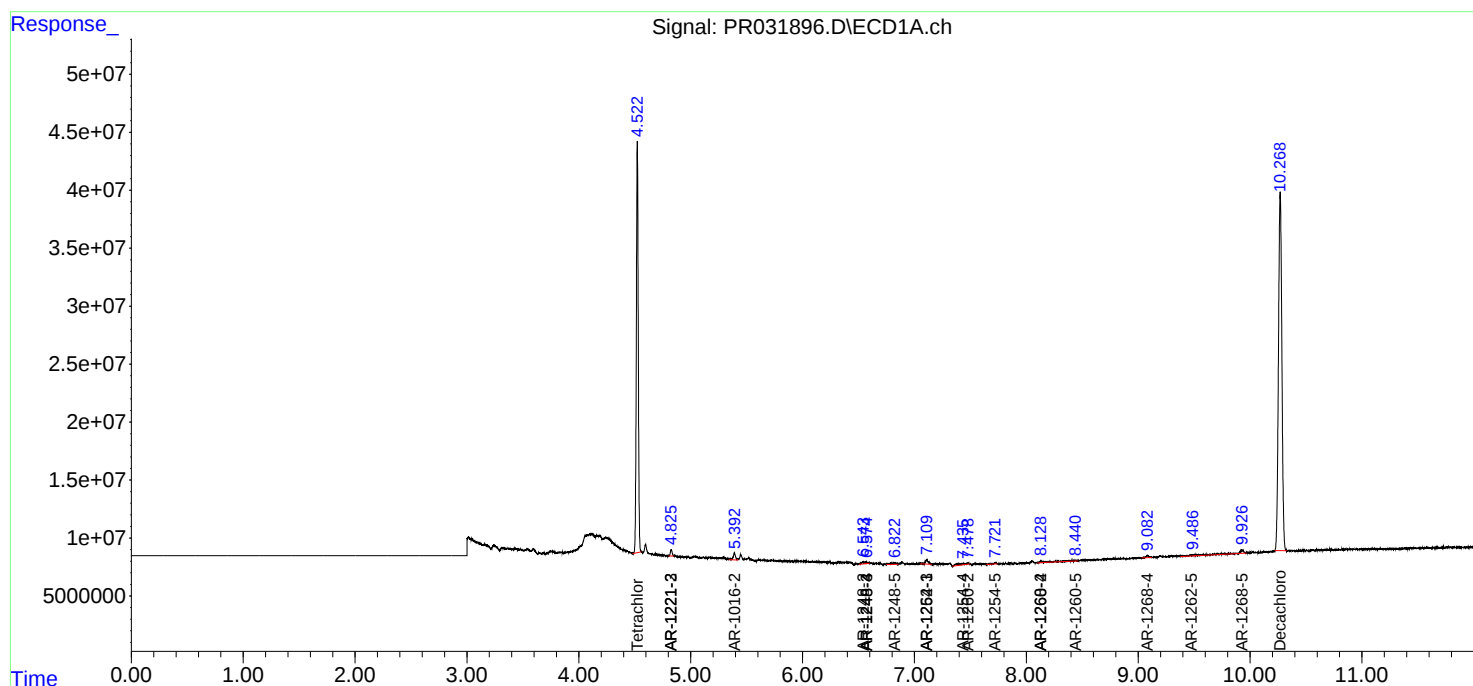
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

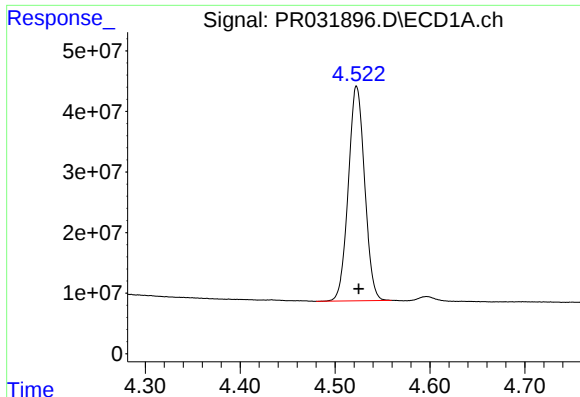
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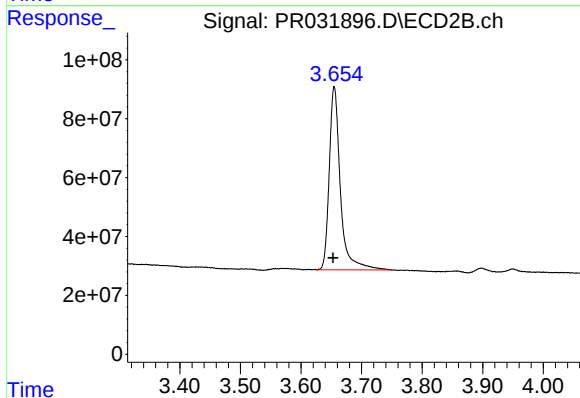




#1 Tetrachloro-m-xylene

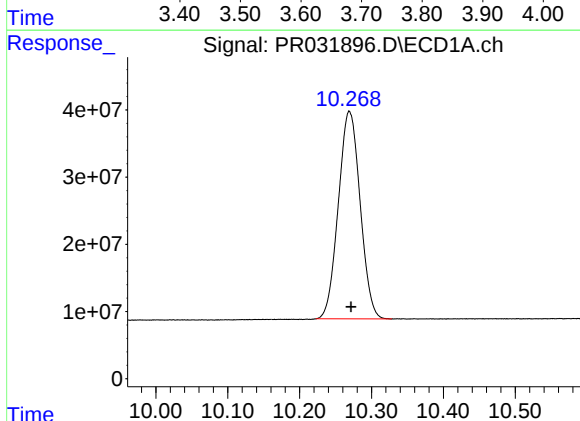
R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 423212318
Conc: 21.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



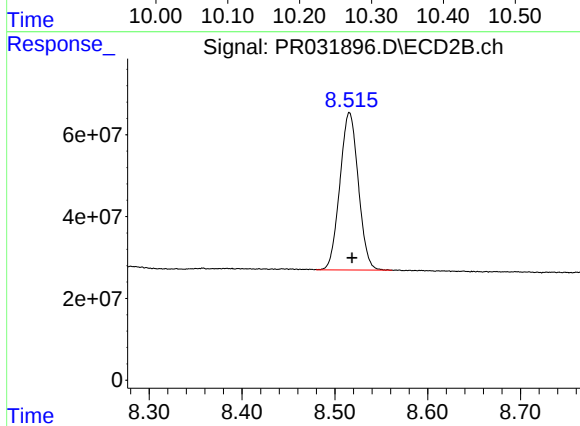
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.002 min
Response: 796992783
Conc: 21.62 ng/ml



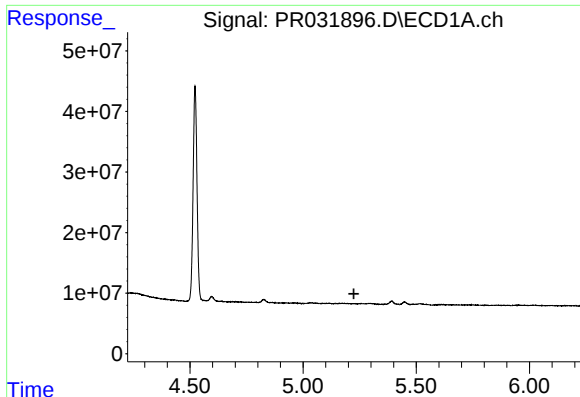
#2 Decachlorobiphenyl

R.T.: 10.269 min
Delta R.T.: -0.002 min
Response: 650383919
Conc: 20.22 ng/ml



#2 Decachlorobiphenyl

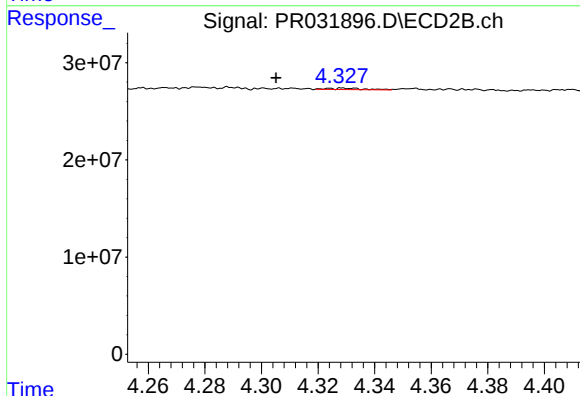
R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 530846297
Conc: 20.28 ng/ml



#3 AR-1016-1

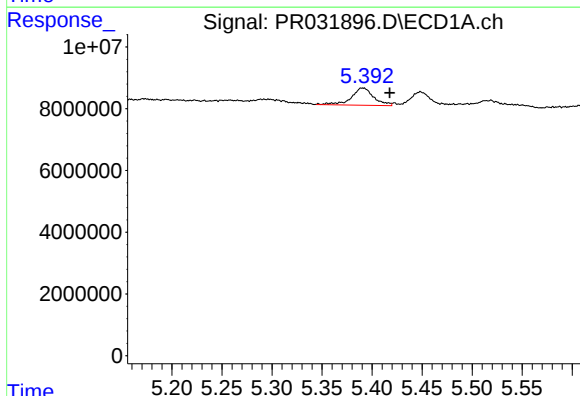
R.T.: 0.000 min
Exp R.T.: 5.224 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



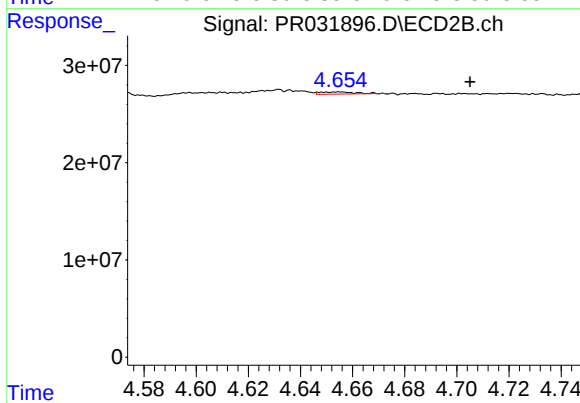
#3 AR-1016-1

R.T.: 4.329 min
Delta R.T.: 0.024 min
Response: 1346136
Conc: 1.23 ng/ml



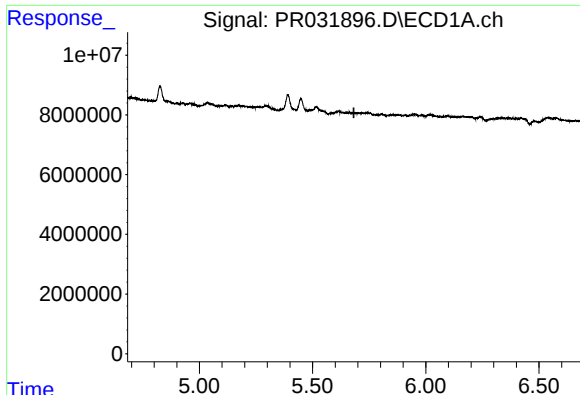
#4 AR-1016-2

R.T.: 5.390 min
Delta R.T.: -0.028 min
Response: 8671177
Conc: 15.33 ng/ml



#4 AR-1016-2

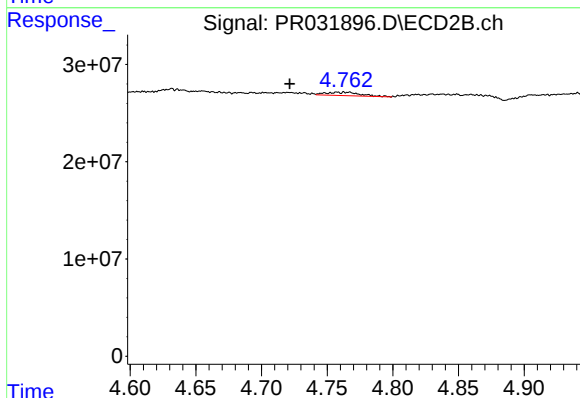
R.T.: 4.655 min
Delta R.T.: -0.050 min
Response: 1881926
Conc: 1.10 ng/ml



#5 AR-1016-3

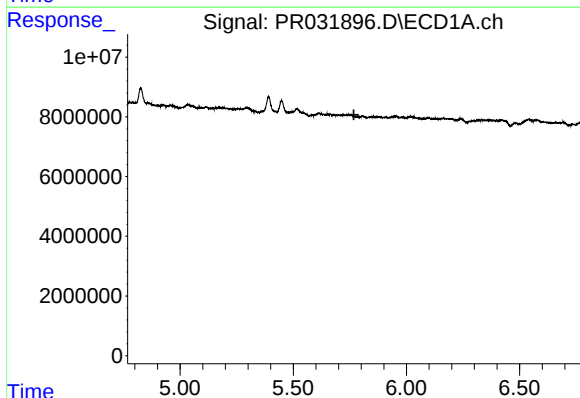
R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



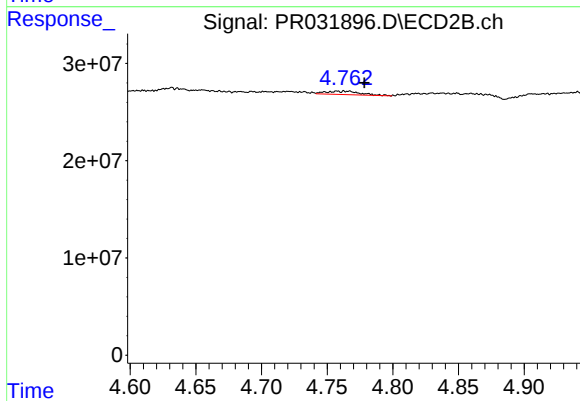
#5 AR-1016-3

R.T.: 4.758 min
Delta R.T.: 0.036 min
Response: 6375200
Conc: 2.20 ng/ml



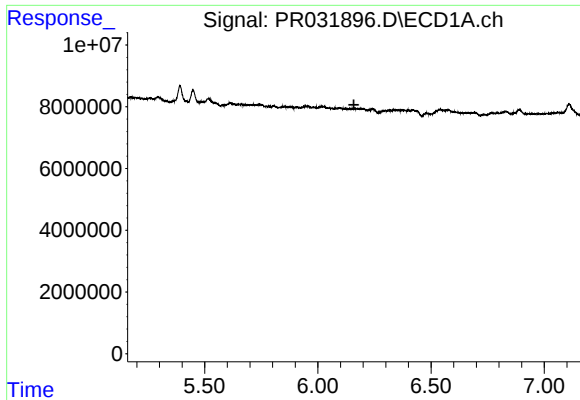
#6 AR-1016-4

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



#6 AR-1016-4

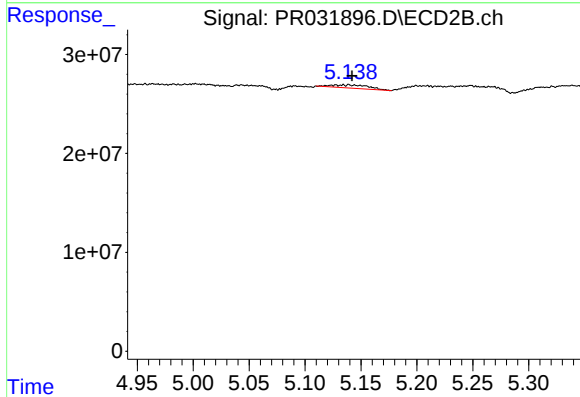
R.T.: 4.758 min
Delta R.T.: -0.021 min
Response: 6375200
Conc: 3.43 ng/ml



#7 AR-1016-5

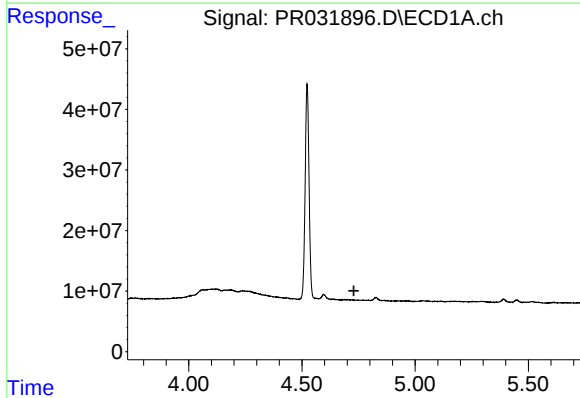
R.T.: 0.000 min
Exp R.T.: 6.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



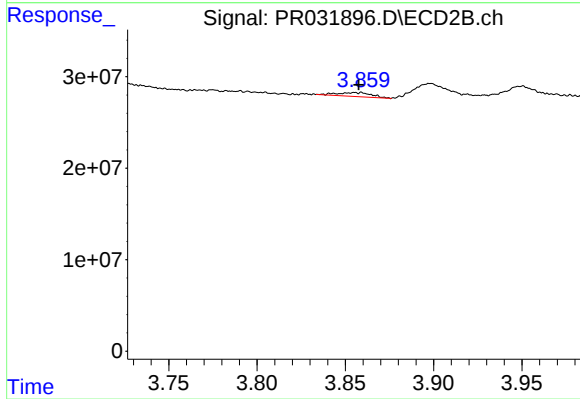
#7 AR-1016-5

R.T.: 5.134 min
Delta R.T.: -0.008 min
Response: 7295182
Conc: 4.23 ng/ml



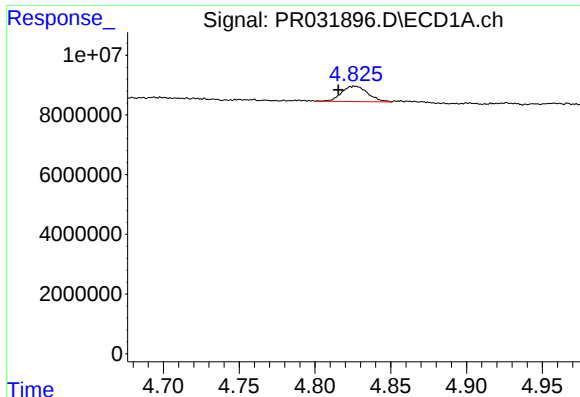
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.730 min
Response: 0
Conc: N.D.



#8 AR-1221-1

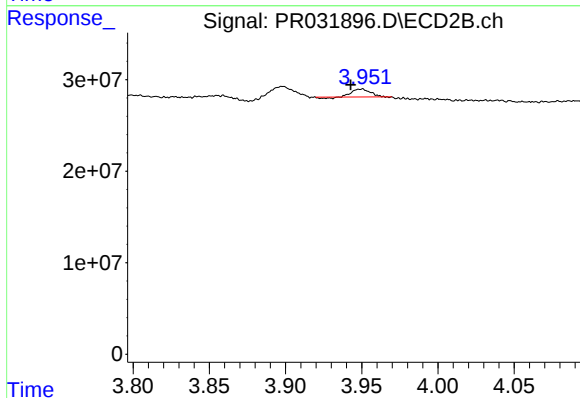
R.T.: 3.855 min
Delta R.T.: -0.002 min
Response: 5810340
Conc: 14.24 ng/ml



#9 AR-1221-2

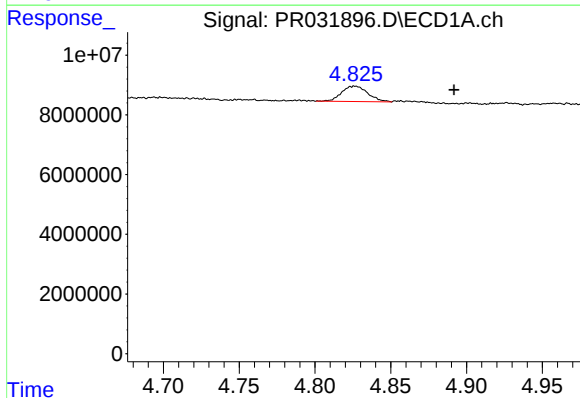
R.T.: 4.826 min
Delta R.T.: 0.011 min
Response: 6214994
Conc: 34.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



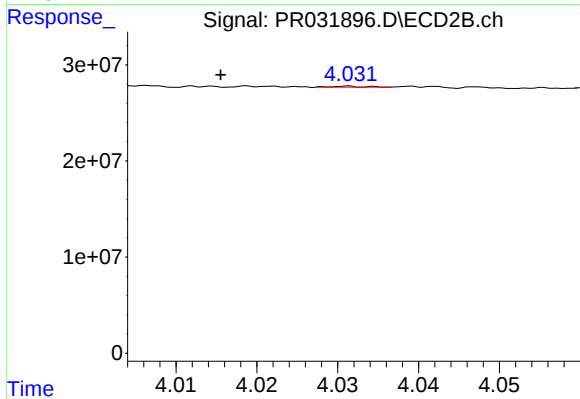
#9 AR-1221-2

R.T.: 3.950 min
Delta R.T.: 0.007 min
Response: 6640557
Conc: 21.28 ng/ml



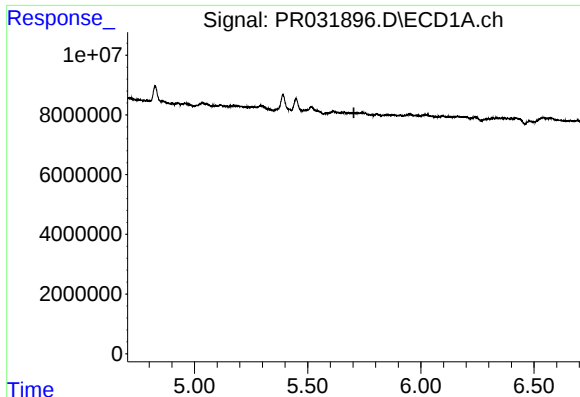
#10 AR-1221-3

R.T.: 4.826 min
Delta R.T.: -0.065 min
Response: 6214994
Conc: 11.20 ng/ml



#10 AR-1221-3

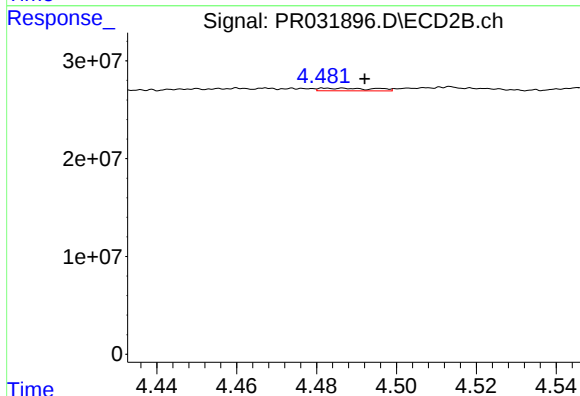
R.T.: 4.031 min
Delta R.T.: 0.016 min
Response: 226914
Conc: 0.22 ng/ml



#11 AR-1232-1

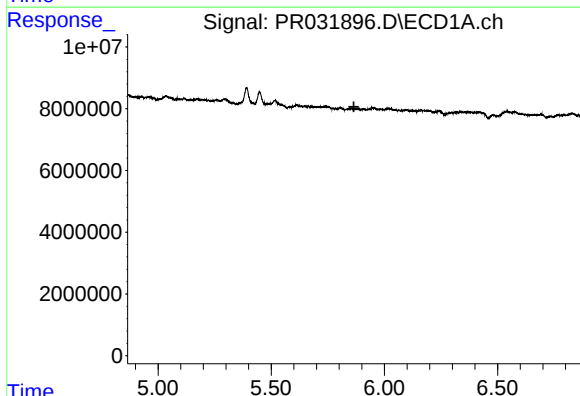
R.T.: 0.000 min
Exp R.T.: 5.704 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



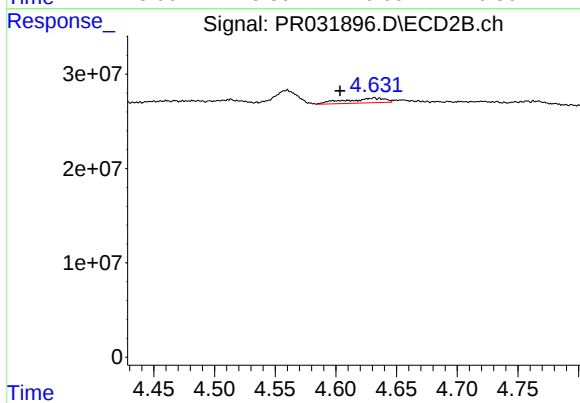
#11 AR-1232-1

R.T.: 4.482 min
Delta R.T.: -0.010 min
Response: 2592856
Conc: 4.65 ng/ml



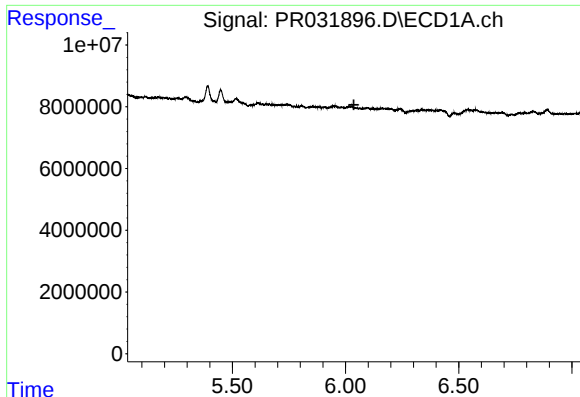
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.865 min
Response: 0
Conc: N.D.



#12 AR-1232-2

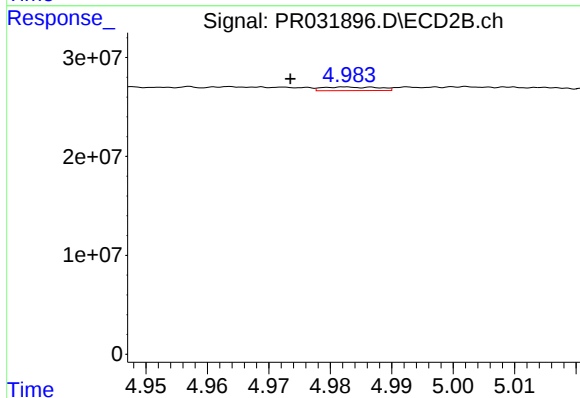
R.T.: 4.631 min
Delta R.T.: 0.028 min
Response: 11365457
Conc: 60.20 ng/ml



#13 AR-1232-3

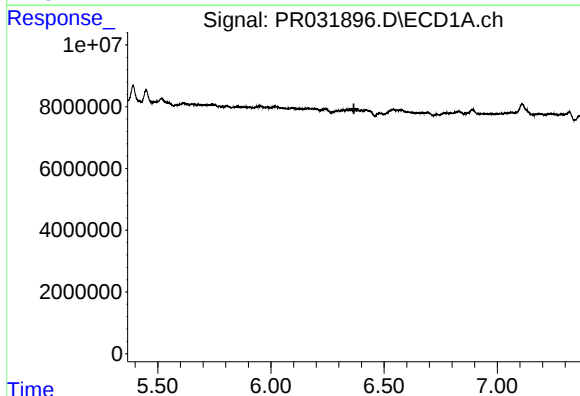
R.T.: 0.000 min
Exp R.T.: 6.037 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



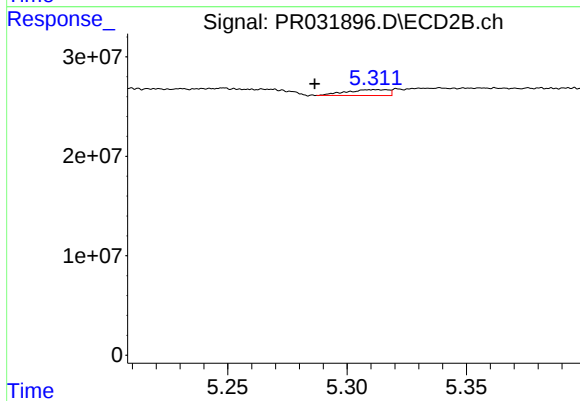
#13 AR-1232-3

R.T.: 4.982 min
Delta R.T.: 0.009 min
Response: 2343888
Conc: 4.04 ng/ml



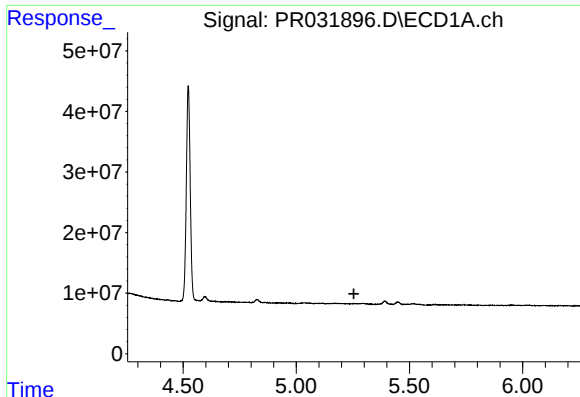
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.366 min
Response: 0
Conc: N.D.



#14 AR-1232-4

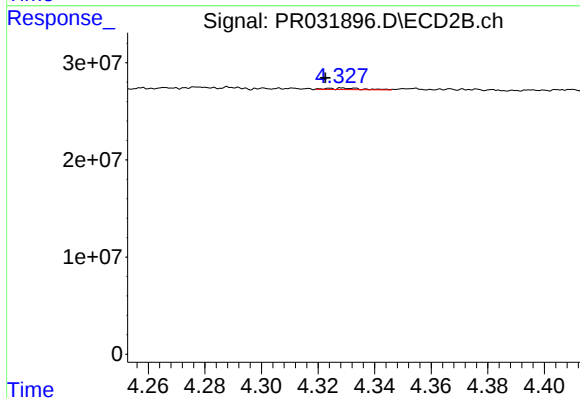
R.T.: 5.313 min
Delta R.T.: 0.026 min
Response: 7146299
Conc: 9.79 ng/ml



#16 AR-1242-1

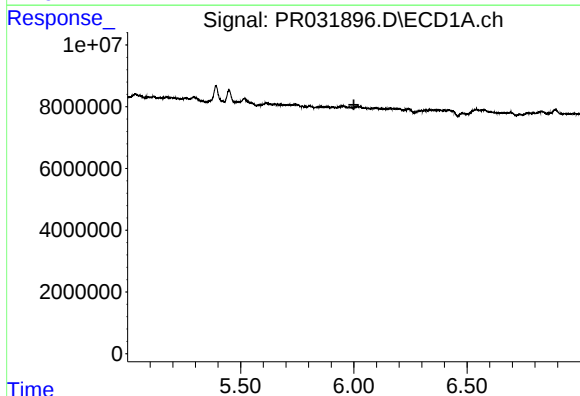
R.T.: 0.000 min
Exp R.T.: 5.254 min
Response: 0
Conc: N.D.

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ECD_R
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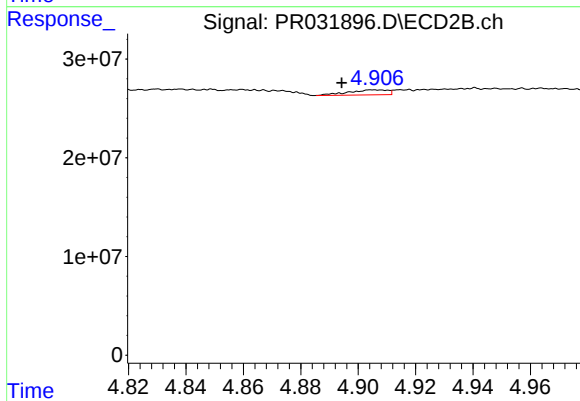
#16 AR-1242-1

R.T.: 4.329 min
Delta R.T.: 0.007 min
Response: 1346136
Conc: 2.30 ng/ml



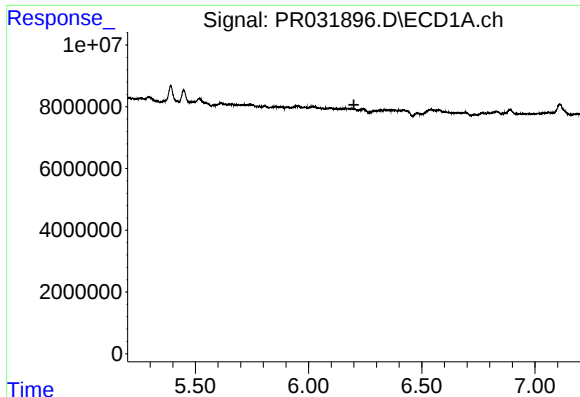
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.



#17 AR-1242-2

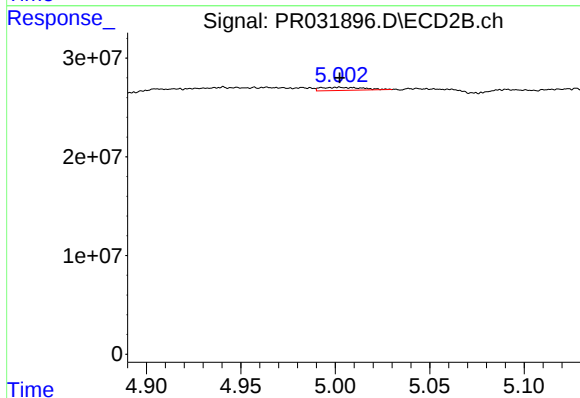
R.T.: 4.906 min
Delta R.T.: 0.011 min
Response: 4868996
Conc: 4.01 ng/ml



#18 AR-1242-3

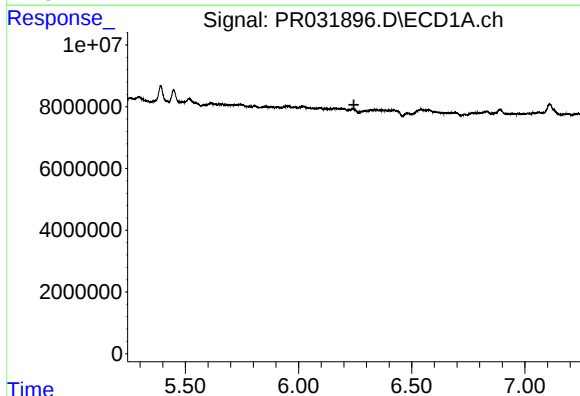
R.T.: 0.000 min
Exp R.T.: 6.200 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



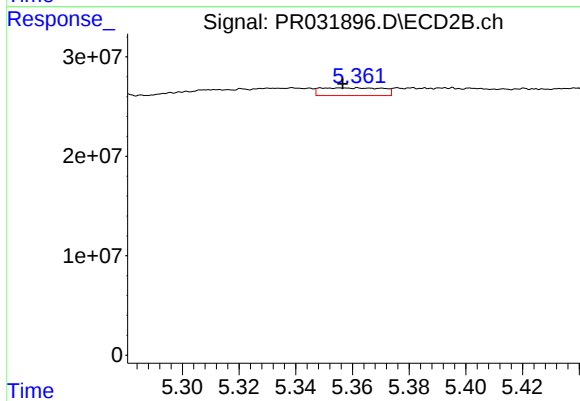
#18 AR-1242-3

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 4849558
Conc: 11.22 ng/ml



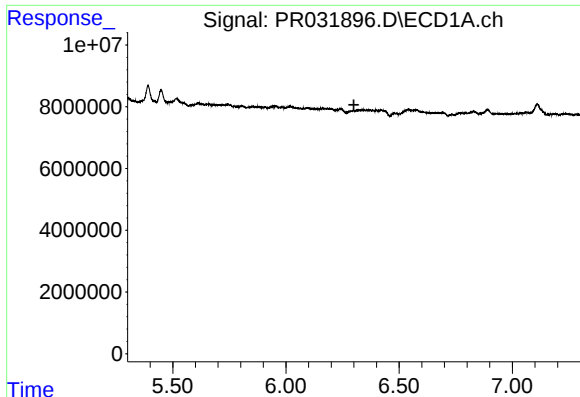
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.244 min
Response: 0
Conc: N.D.



#19 AR-1242-4

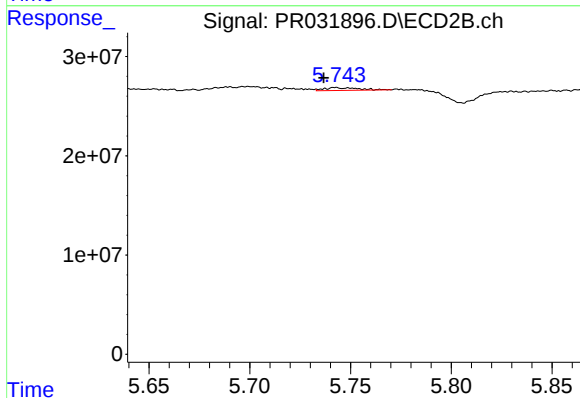
R.T.: 5.362 min
Delta R.T.: 0.006 min
Response: 11829797
Conc: 28.66 ng/ml



#20 AR-1242-5

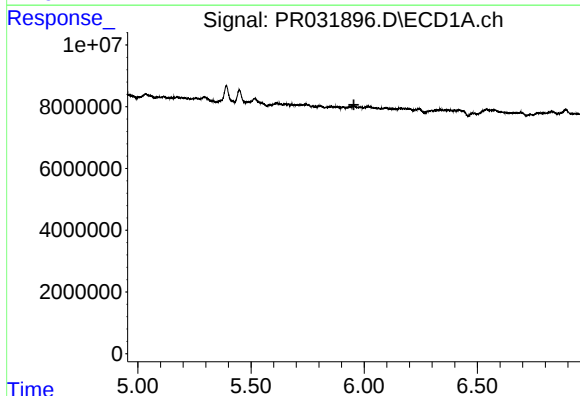
R.T.: 0.000 min
Exp R.T.: 6.300 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



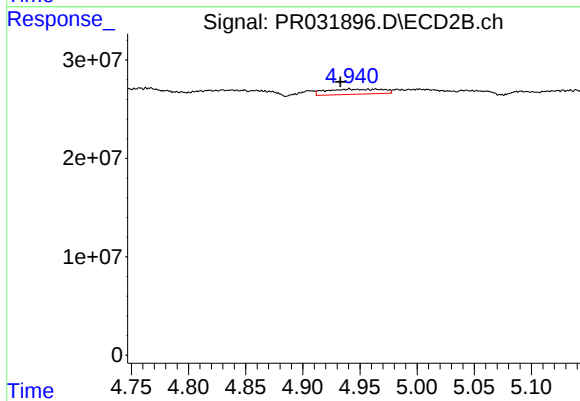
#20 AR-1242-5

R.T.: 5.743 min
Delta R.T.: 0.006 min
Response: 3206171
Conc: 3.42 ng/ml



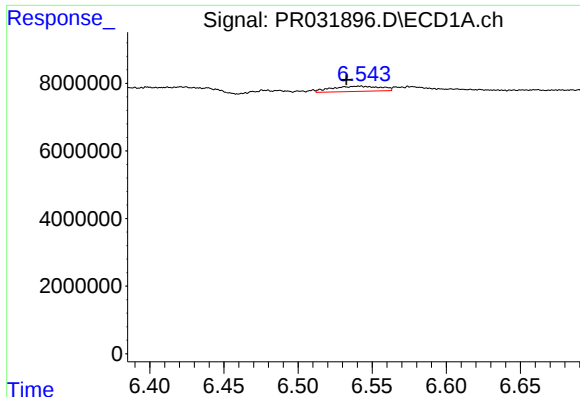
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.955 min
Response: 0
Conc: N.D.



#21 AR-1248-1

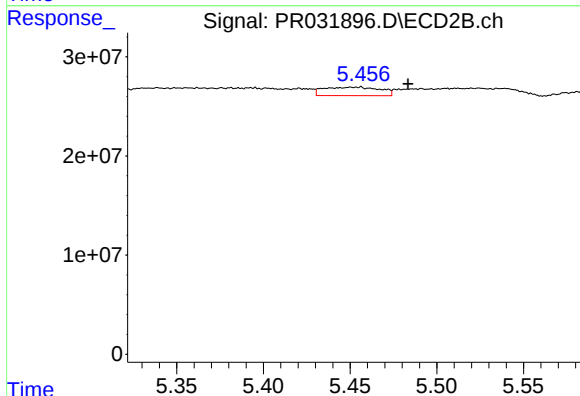
R.T.: 4.941 min
Delta R.T.: 0.008 min
Response: 17916760
Conc: 10.21 ng/ml



#22 AR-1248-2

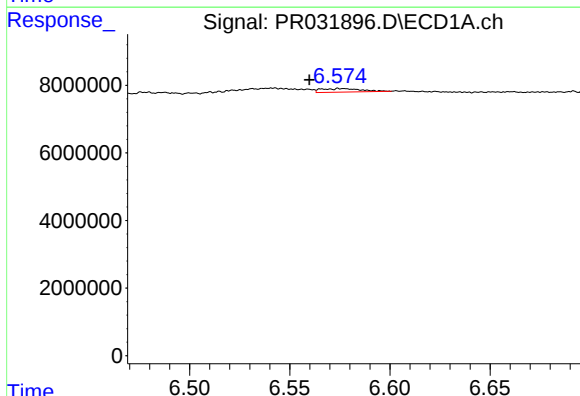
R.T.: 6.542 min
Delta R.T.: 0.010 min
Response: 3521968
Conc: 4.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



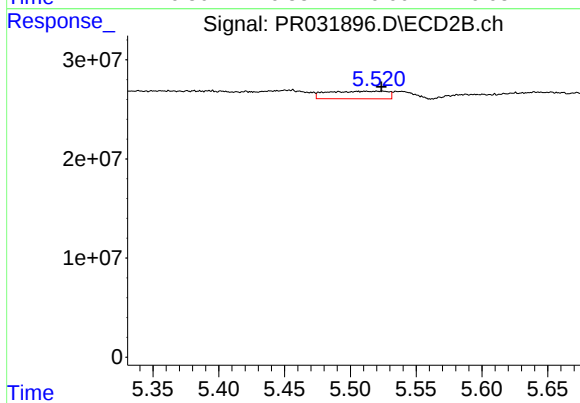
#22 AR-1248-2

R.T.: 5.451 min
Delta R.T.: -0.032 min
Response: 19352145
Conc: 5.28 ng/ml



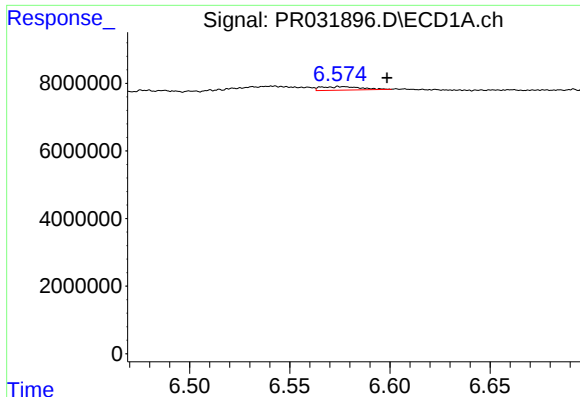
#23 AR-1248-3

R.T.: 6.566 min
Delta R.T.: 0.006 min
Response: 1446851
Conc: 1.27 ng/ml



#23 AR-1248-3

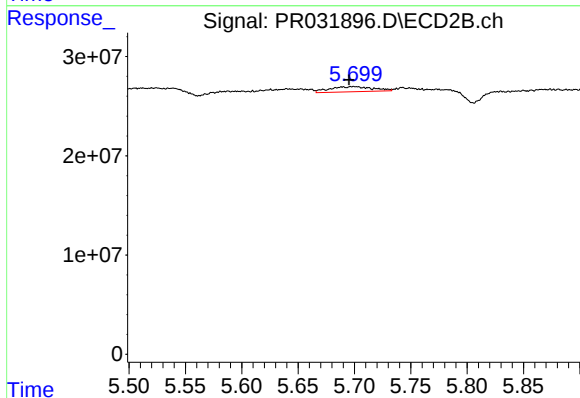
R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 24081355
Conc: 9.20 ng/ml



#24 AR-1248-4

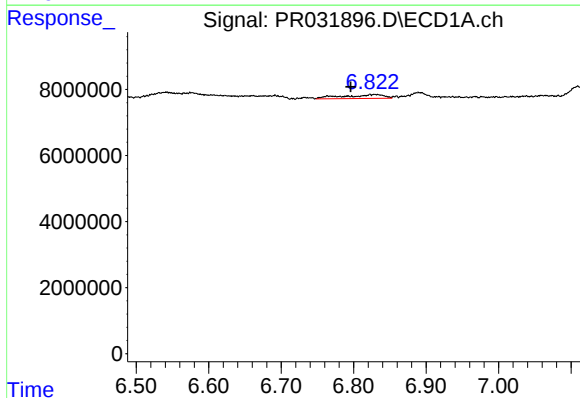
R.T.: 6.566 min
Delta R.T.: -0.033 min
Response: 1446851
Conc: 1.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



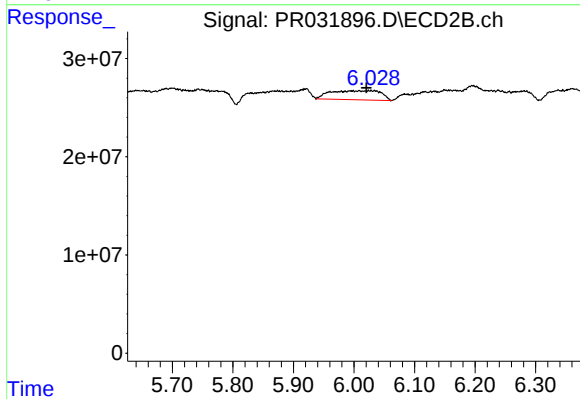
#24 AR-1248-4

R.T.: 5.699 min
Delta R.T.: 0.004 min
Response: 14002149
Conc: 5.24 ng/ml



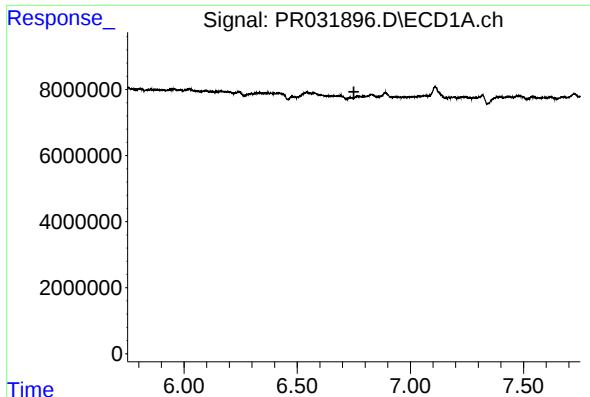
#25 AR-1248-5

R.T.: 6.823 min
Delta R.T.: 0.027 min
Response: 4564843
Conc: 6.30 ng/ml



#25 AR-1248-5

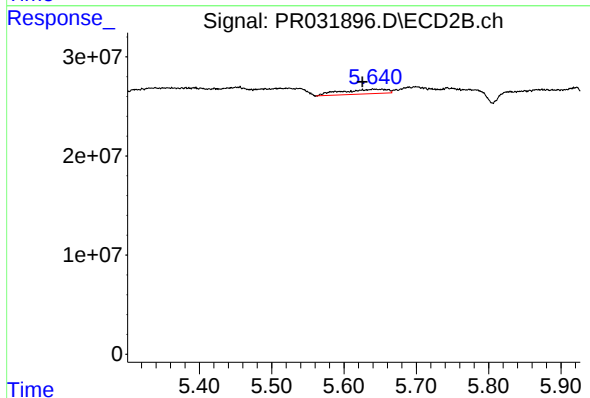
R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 53575645
Conc: 31.77 ng/ml



#26 AR-1254-1

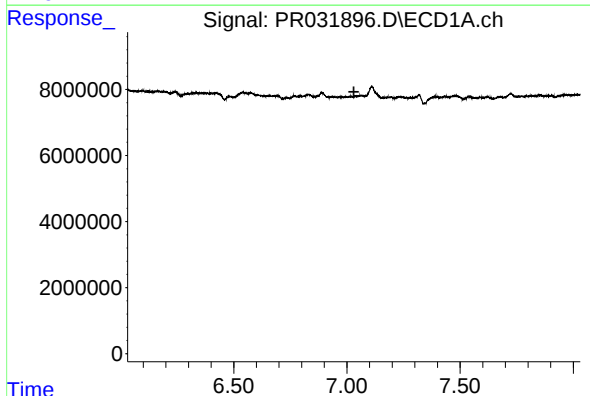
R.T.: 0.000 min
Exp R.T.: 6.751 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



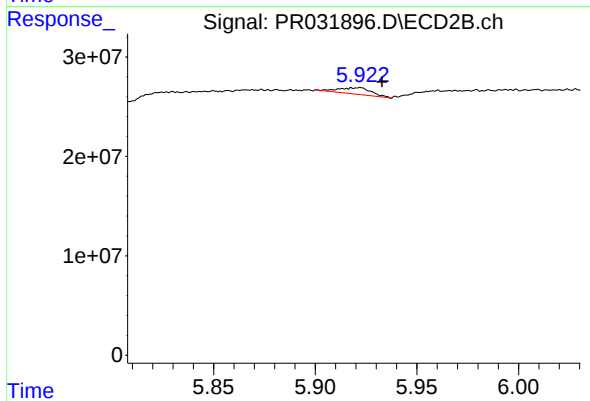
#26 AR-1254-1

R.T.: 5.641 min
Delta R.T.: 0.015 min
Response: 20410363
Conc: 5.37 ng/ml



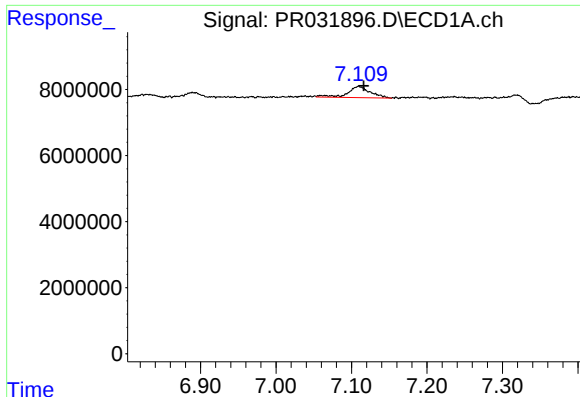
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 7.031 min
Response: 0
Conc: N.D.



#27 AR-1254-2

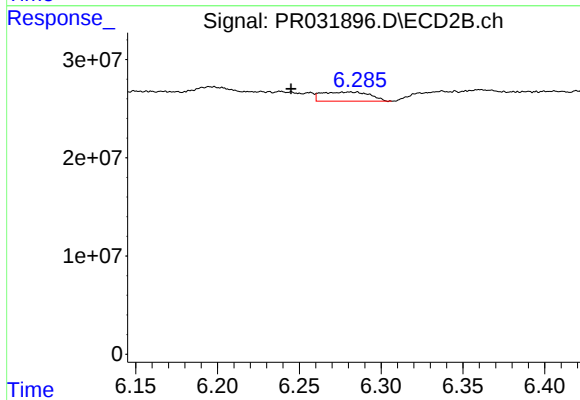
R.T.: 5.922 min
Delta R.T.: -0.011 min
Response: 7164524
Conc: 2.43 ng/ml



#28 AR-1254-3

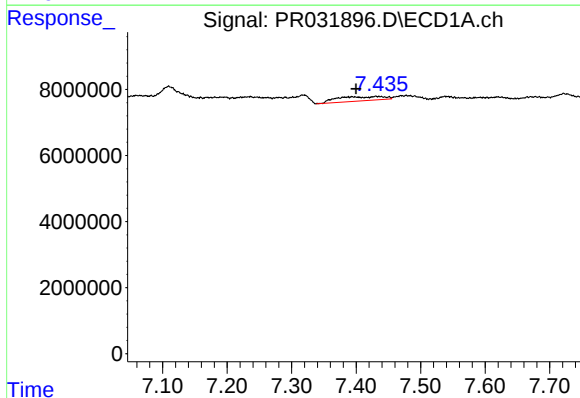
R.T.: 7.109 min
Delta R.T.: -0.007 min
Response: 7086698
Conc: 3.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



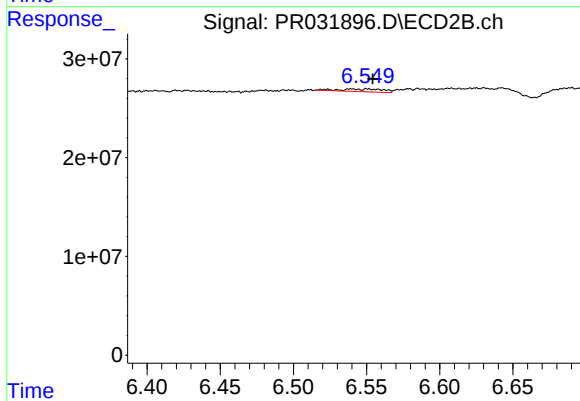
#28 AR-1254-3

R.T.: 6.281 min
Delta R.T.: 0.036 min
Response: 19031987
Conc: 4.25 ng/ml



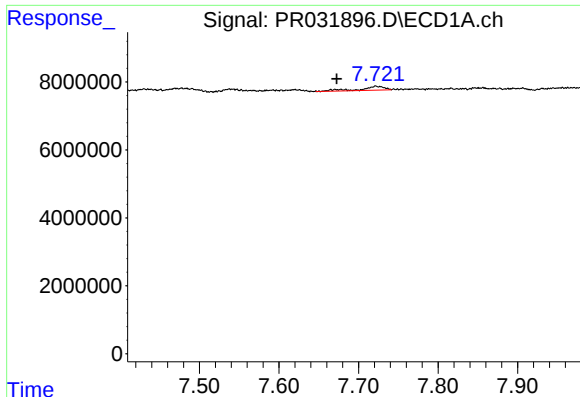
#29 AR-1254-4

R.T.: 7.430 min
Delta R.T.: 0.031 min
Response: 6596952
Conc: 3.79 ng/ml



#29 AR-1254-4

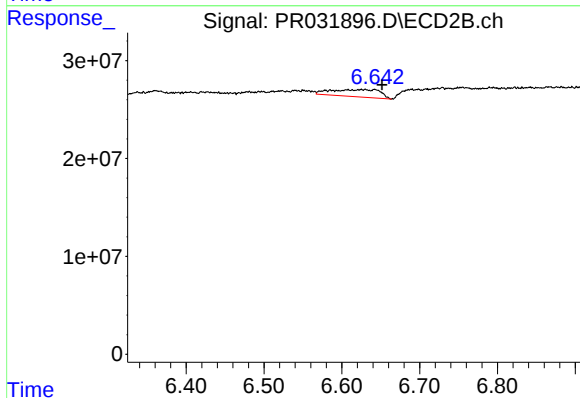
R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 5523200
Conc: 2.60 ng/ml



#30 AR-1254-5

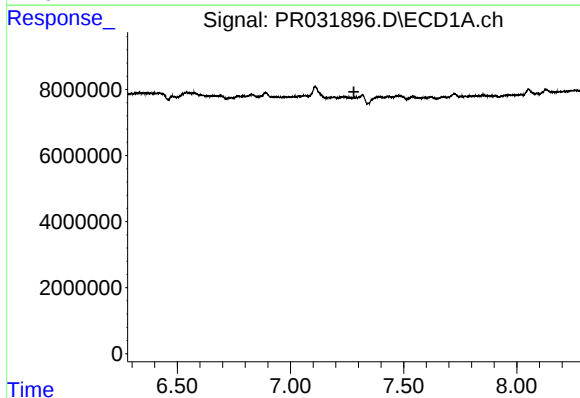
R.T.: 7.722 min
Delta R.T.: 0.049 min
Response: 2511225
Conc: 1.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



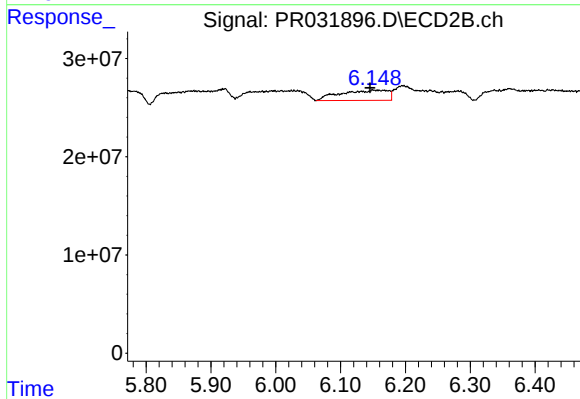
#30 AR-1254-5

R.T.: 6.626 min
Delta R.T.: -0.026 min
Response: 32069191
Conc: 8.42 ng/ml



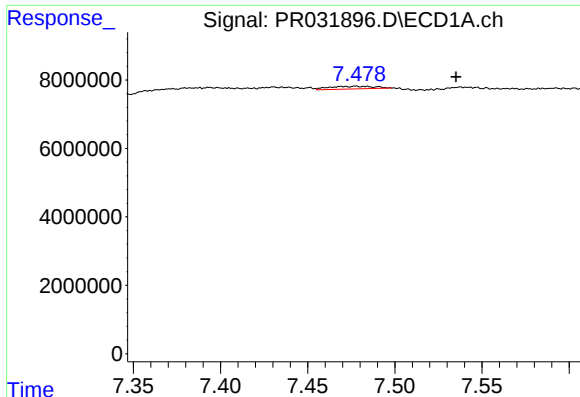
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.280 min
Response: 0
Conc: N.D.



#31 AR-1260-1

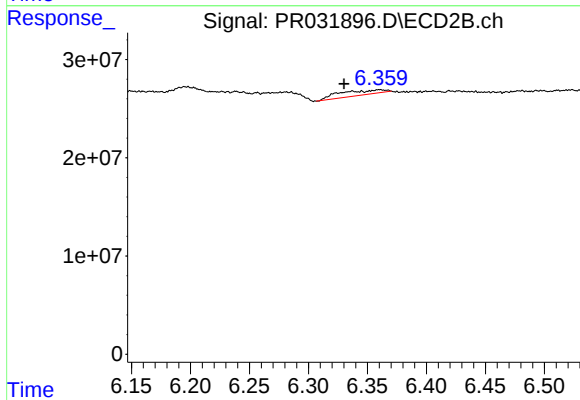
R.T.: 6.152 min
Delta R.T.: 0.006 min
Response: 53162054
Conc: 14.41 ng/ml



#32 AR-1260-2

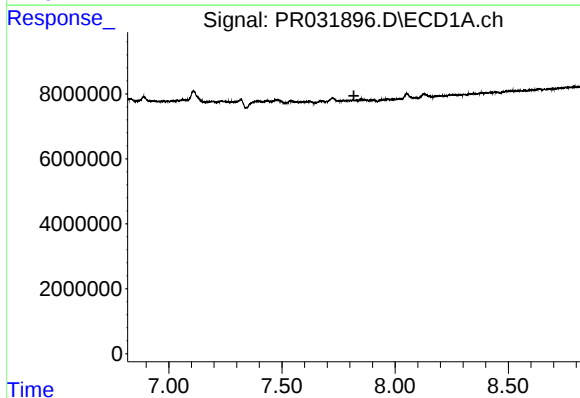
R.T.: 7.478 min
Delta R.T.: -0.057 min
Response: 1410366
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



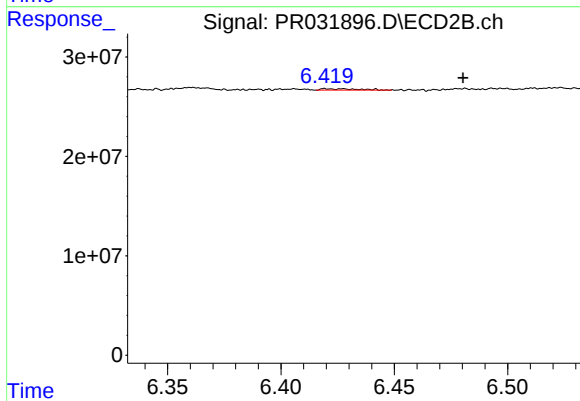
#32 AR-1260-2

R.T.: 6.361 min
Delta R.T.: 0.031 min
Response: 12562335
Conc: 2.80 ng/ml



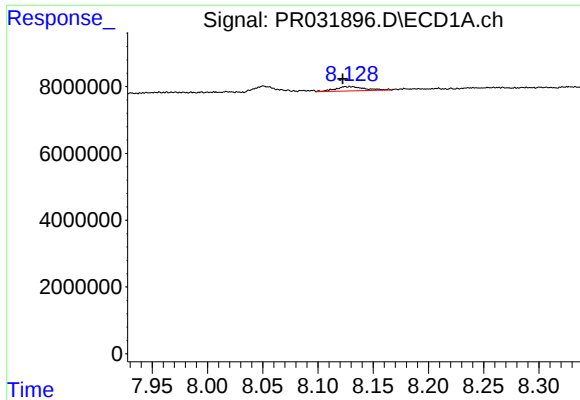
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.818 min
Response: 0
Conc: N.D.



#33 AR-1260-3

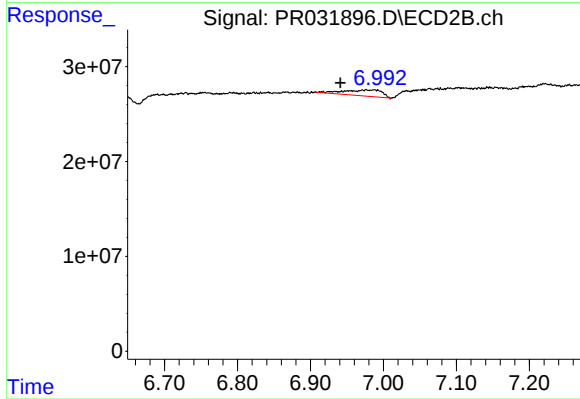
R.T.: 6.426 min
Delta R.T.: -0.054 min
Response: 1410710
Conc: 0.40 ng/ml



#34 AR-1260-4

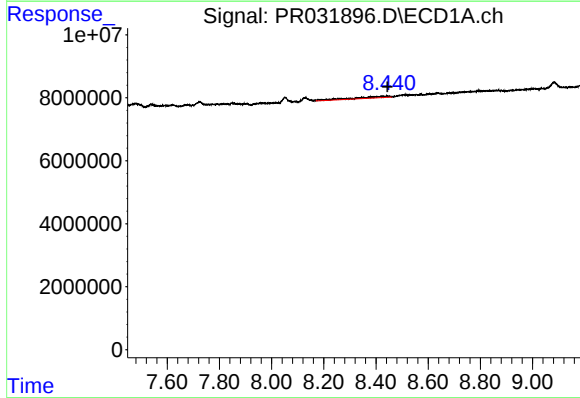
R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 2422604
Conc: 1.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



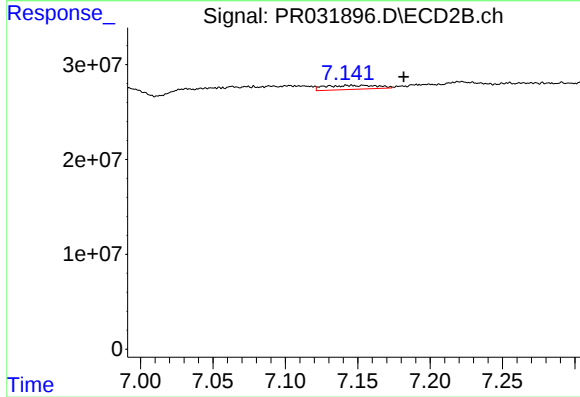
#34 AR-1260-4

R.T.: 6.987 min
Delta R.T.: 0.046 min
Response: 23022655
Conc: 11.20 ng/ml



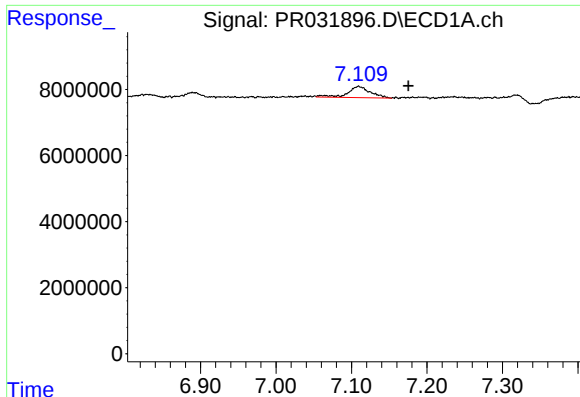
#35 AR-1260-5

R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 4438829
Conc: 1.18 ng/ml



#35 AR-1260-5

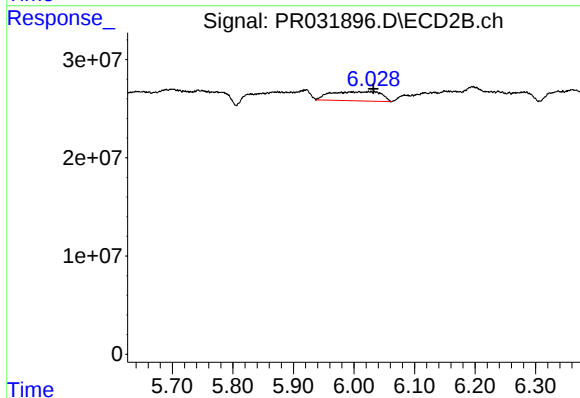
R.T.: 7.155 min
Delta R.T.: -0.027 min
Response: 10766823
Conc: 2.47 ng/ml



#36 AR-1262-1

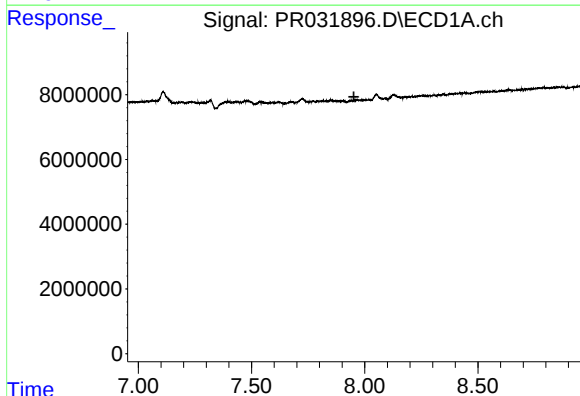
R.T.: 7.109 min
Delta R.T.: -0.066 min
Response: 7086698
Conc: 8.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



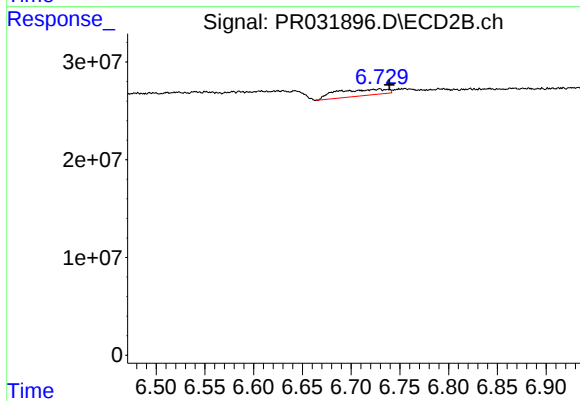
#36 AR-1262-1

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 53575645
Conc: 26.78 ng/ml



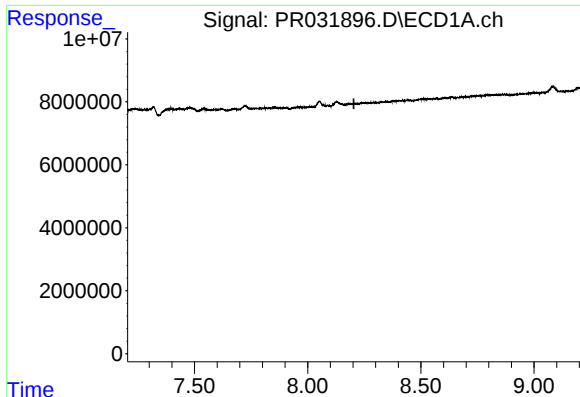
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.952 min
Response: 0
Conc: N.D.



#37 AR-1262-2

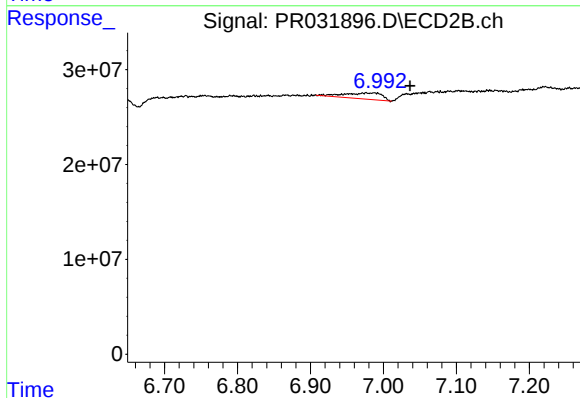
R.T.: 6.728 min
Delta R.T.: -0.011 min
Response: 23157507
Conc: 15.40 ng/ml



#38 AR-1262-3

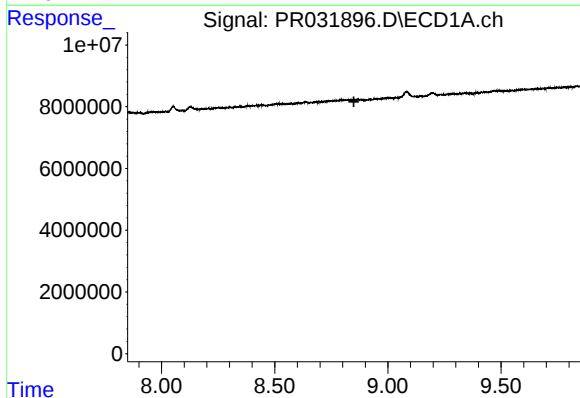
R.T.: 0.000 min
Exp R.T.: 8.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



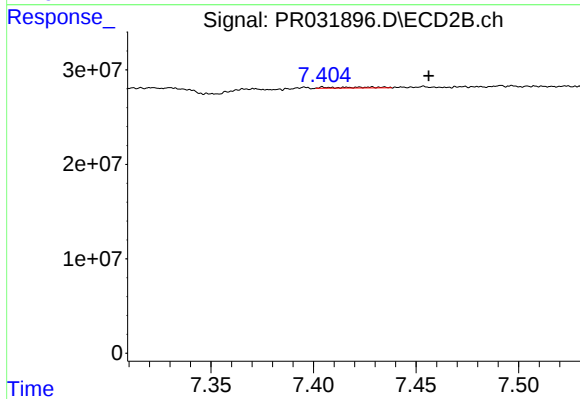
#38 AR-1262-3

R.T.: 6.987 min
Delta R.T.: -0.049 min
Response: 23022655
Conc: 18.86 ng/ml



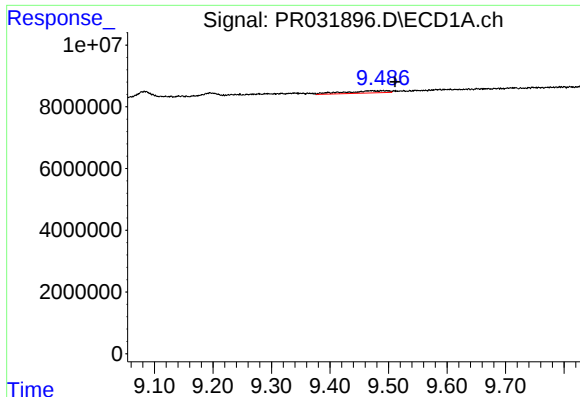
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.850 min
Response: 0
Conc: N.D.



#39 AR-1262-4

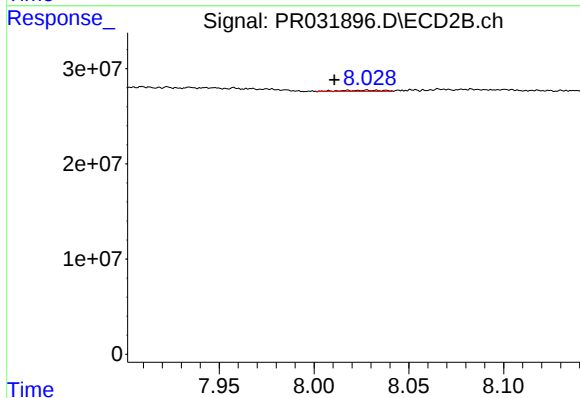
R.T.: 7.428 min
Delta R.T.: -0.028 min
Response: 1397056
Conc: 0.83 ng/ml



#40 AR-1262-5

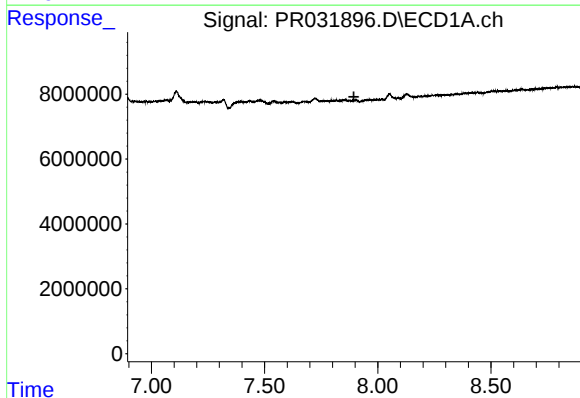
R.T.: 9.472 min
Delta R.T.: -0.040 min
Response: 3777525
Conc: 2.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



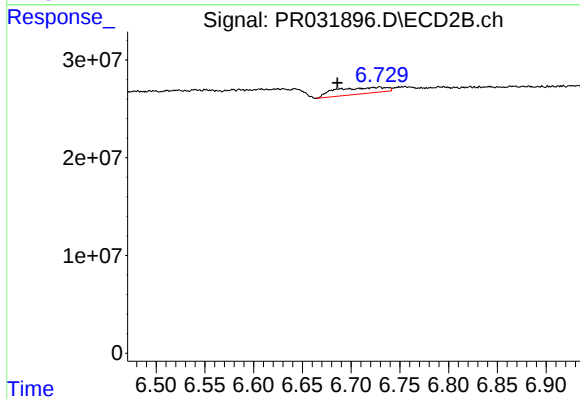
#40 AR-1262-5

R.T.: 8.028 min
Delta R.T.: 0.017 min
Response: 1835983
Conc: 1.45 ng/ml



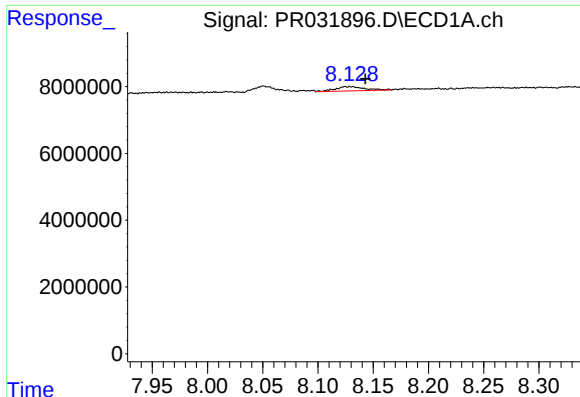
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.894 min
Response: 0
Conc: N.D.



#41 AR-1268-1

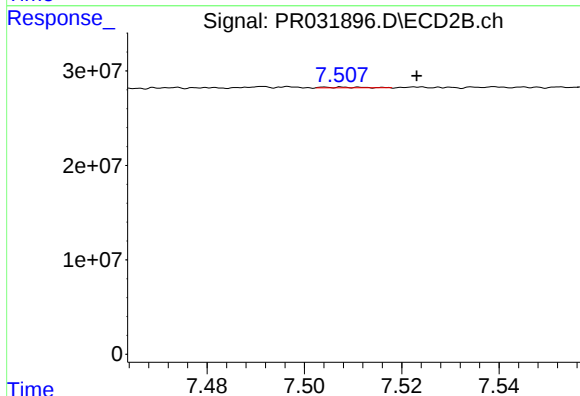
R.T.: 6.728 min
Delta R.T.: 0.042 min
Response: 23157507
Conc: 14.19 ng/ml



#42 AR-1268-2

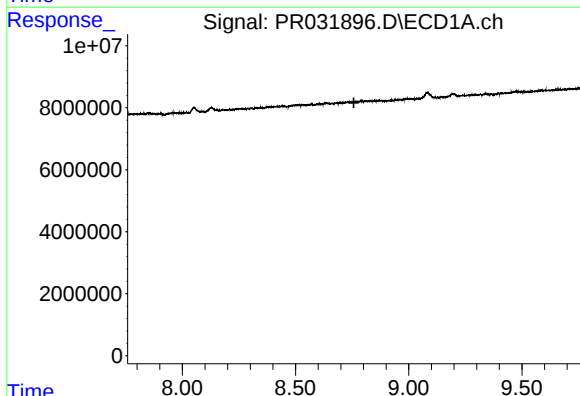
R.T.: 8.125 min
Delta R.T.: -0.018 min
Response: 2422604
Conc: 1.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



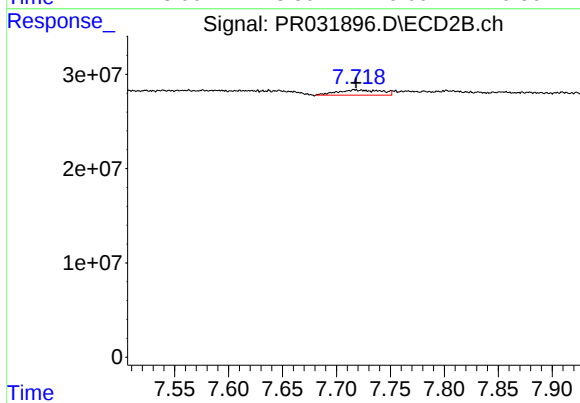
#42 AR-1268-2

R.T.: 7.508 min
Delta R.T.: -0.015 min
Response: 387473
Conc: 0.10 ng/ml



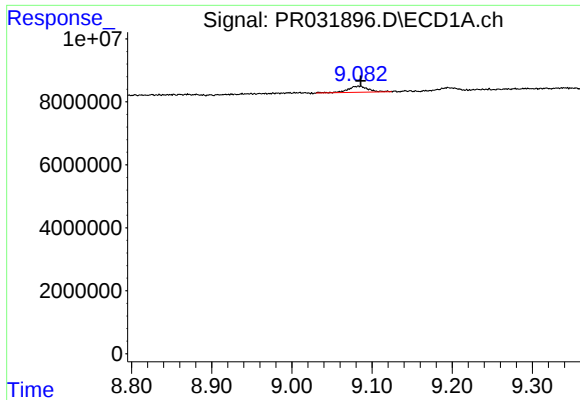
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.758 min
Response: 0
Conc: N.D.



#43 AR-1268-3

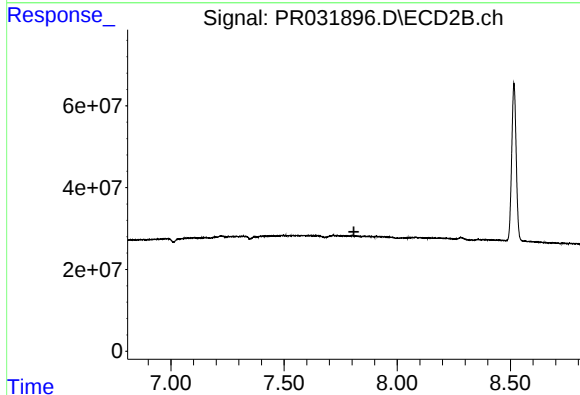
R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 15456174
Conc: 4.49 ng/ml



#44 AR-1268-4

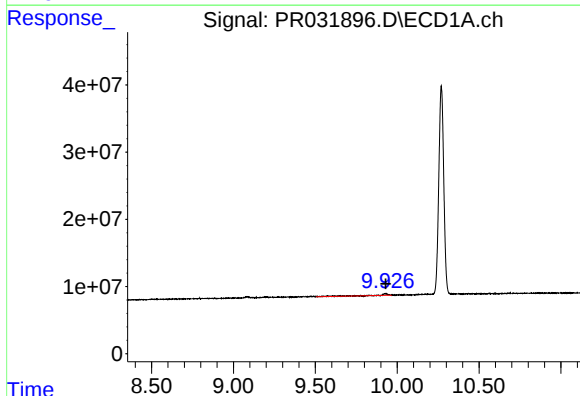
R.T.: 9.083 min
Delta R.T.: -0.003 min
Response: 3464516
Conc: 0.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



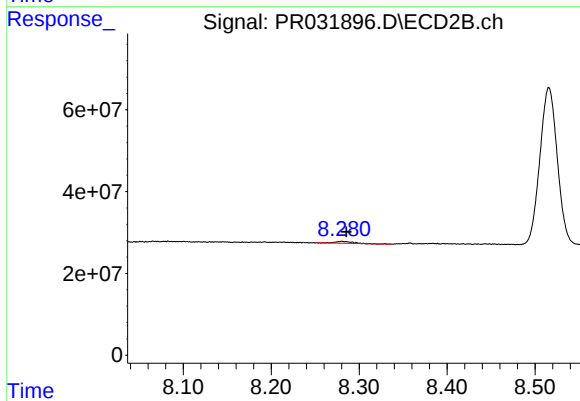
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.809 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.928 min
Delta R.T.: -0.004 min
Response: 11940804
Conc: 0.98 ng/ml



#45 AR-1268-5

R.T.: 8.281 min
Delta R.T.: -0.004 min
Response: 6400395
Conc: 0.67 ng/ml