

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100419\
 Data File : PR041848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2019 18:52
 Operator : SM\AJ
 Sample : K5057-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 DBAJ2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:25:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 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...	4.720	3.985	90887610	340.9E6	22.342	22.294
2)	SA Decachlor...	10.635	9.097	139.0E6	445.0E6	40.463	44.883
Target Compounds							
3)	L1 AR-1016-1	5.897	5.083	3039371	4681182	21.170	8.612 #
4)	L1 AR-1016-2	5.920	5.103	3249755	7667748	15.891	10.623 #
5)	L1 AR-1016-3	5.983	5.281	1808801	5222043	14.878	14.321
6)	L1 AR-1016-4	6.083	5.321	944081	5790414	9.283	20.866 #
7)	L1 AR-1016-5	6.380	5.538	4347602	4583226	43.663	14.822 #
8)	L2 AR-1221-1	0.000	4.181	0	2281092	N.D.	13.502 #
9)	L2 AR-1221-2	5.031	4.292	2191762	5660142	75.543	46.056 #
10)	L2 AR-1221-3	5.108	4.362	3603887	4890175	37.042	12.555 #
11)	L3 AR-1232-1	5.108	4.362	3603887	4890175	43.068	14.352 #
12)	L3 AR-1232-2	5.629	5.103	6106980	7667748	141.763	22.517 #
13)	L3 AR-1232-3	5.920	5.281	3249755	5222043	36.142	31.007
14)	L3 AR-1232-4	6.083	5.367	944081	6865922	21.214	48.203 #
15)	L3 AR-1232-5	6.171	5.538	1714694	4583226	52.195	34.013 #
16)	L4 AR-1242-1	5.897	5.083	3039371	4681182	27.562	11.022 #
17)	L4 AR-1242-2	5.920	5.103	3249755	7667748	20.932	13.473 #
18)	L4 AR-1242-3	5.983	5.281	1808801	5222043	19.278	18.094
19)	L4 AR-1242-4	6.083	5.367	944081	6865922	12.152	26.375 #
20)	L4 AR-1242-5	6.819	5.893	4480947	4125929	51.194	15.552 #
21)	L5 AR-1248-1	5.897	5.083	3039371	4681182	36.525	14.362 #
22)	L5 AR-1248-2	6.171	5.321	1714694	5790414	14.942	15.546
23)	L5 AR-1248-3	6.380	5.367	4347602	6865922	33.532	18.342 #
24)	L5 AR-1248-4	6.779	5.538	2635784	4583226	17.177	11.508 #
25)	L5 AR-1248-5	6.819	5.943	4480947	779188	30.948	2.231 #
26)	L6 AR-1254-1	6.753	5.893	5965972	4125929	36.531	7.789 #
27)	L6 AR-1254-2	6.971	6.040	7633132	7686368	30.766	15.331 #
28)	L6 AR-1254-3	7.339	6.447	2939971	22060778	10.894	23.383 #
29)	L6 AR-1254-4	7.624	6.672	5835671	4646916	28.753	7.019 #
30)	L6 AR-1254-5	8.043	7.094	5743697	11859257	27.010	13.812 #
31)	L7 AR-1260-1	7.503	6.576	5045524	12759862	26.630	21.526
32)	L7 AR-1260-2	7.755	6.764	6102930	9350516	25.820	11.469 #
33)	L7 AR-1260-3	8.114	6.918	5508359	8972594	29.342	12.979 #
34)	L7 AR-1260-4	8.346	7.394	7806929	4868575	38.847	8.390 #
35)	L7 AR-1260-5	8.696	7.631	4793269	9262257	11.073	5.697 #
36)	L8 AR-1262-1	8.179	7.094	4236269	11859257	45.004	27.214 #
37)	L8 AR-1262-2	8.696	7.631	4793269	9262257	11.113	5.380 #
38)	L8 AR-1262-3	9.048	7.917	2628701	9188807	9.431	14.078 #
39)	L8 AR-1262-4	9.107	7.982	954928	14630886	4.661	12.520 #
40)	L8 AR-1262-5	0.000	8.496	0	7258089	N.D.	13.569 #
41)	L9 AR-1268-1	9.048	7.917	2628701	9188807	4.786	4.191

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
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 Integrator: ChemStation

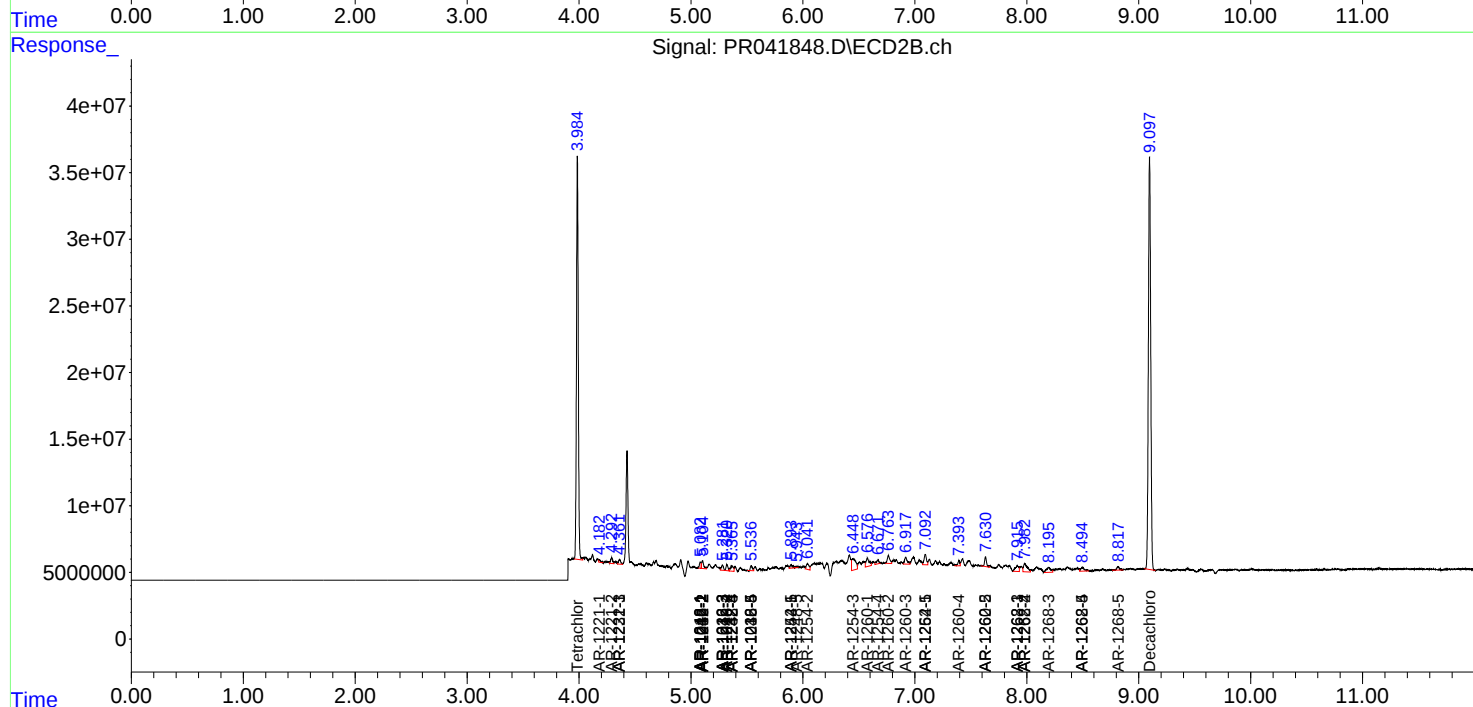
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

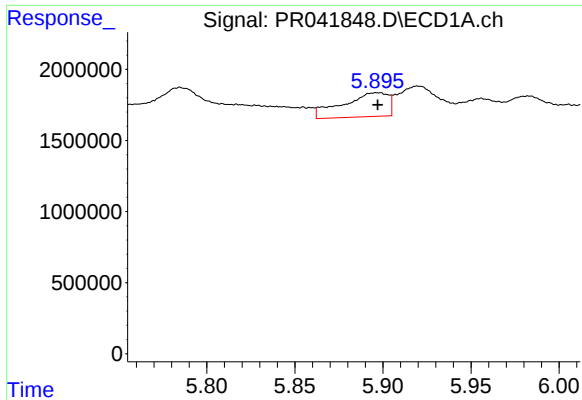
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.107	7.982	954928	14630886	1.921	7.353 #
43) L9	AR-1268-3	9.376	8.196	199490	10300354	0.489	6.146 #
44) L9	AR-1268-4	0.000	8.496	0	7258089	N.D.	11.247 #
45) L9	AR-1268-5	10.271	8.816	2371175	4539775	1.820	0.989 #

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

Instrument :
ECD_R
ClientSampleId :
DBAJ2

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

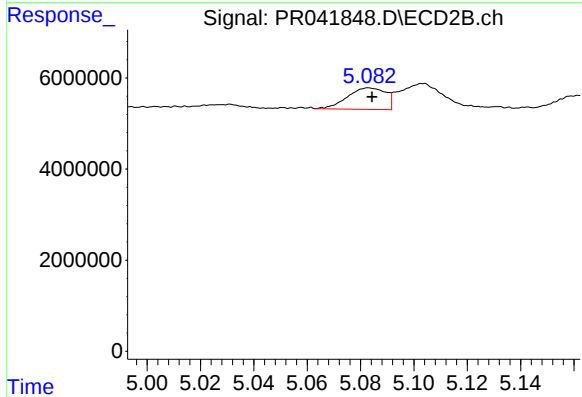




#3 AR-1016-1

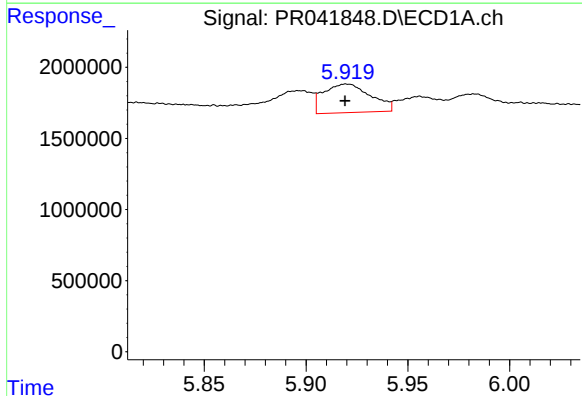
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 3039371
Conc: 21.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



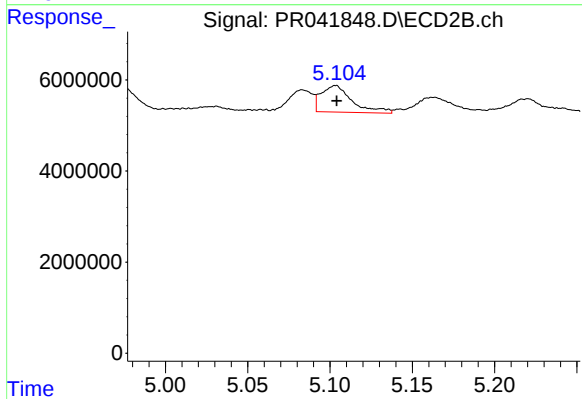
#3 AR-1016-1

R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 4681182
Conc: 8.61 ng/ml



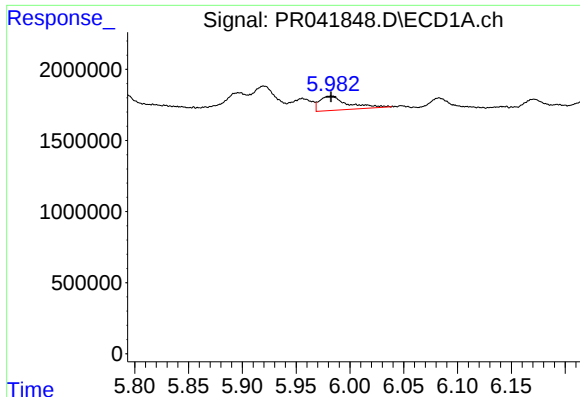
#4 AR-1016-2

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 3249755
Conc: 15.89 ng/ml



#4 AR-1016-2

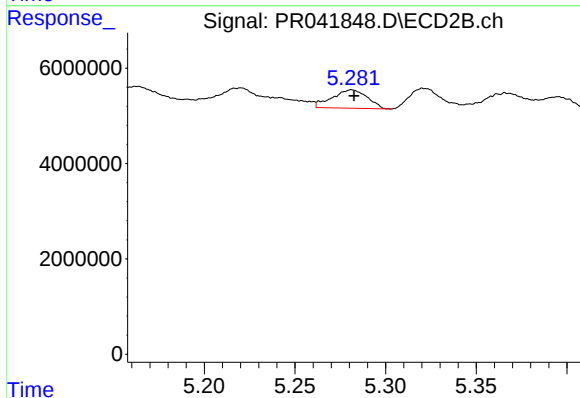
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 7667748
Conc: 10.62 ng/ml



#5 AR-1016-3

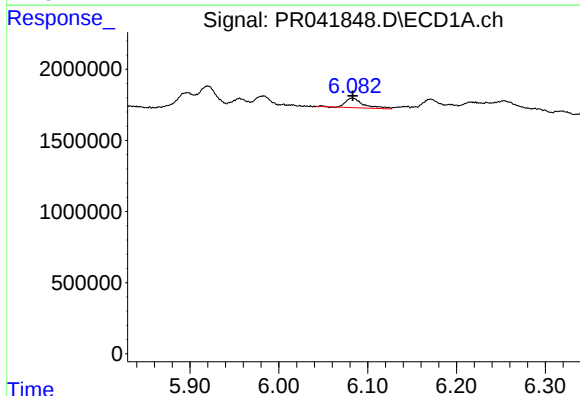
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 1808801
Conc: 14.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



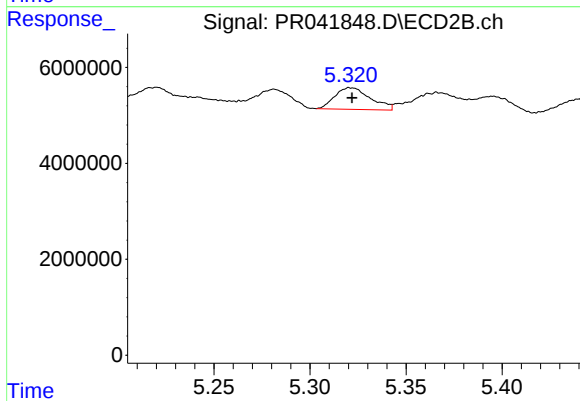
#5 AR-1016-3

R.T.: 5.281 min
Delta R.T.: -0.001 min
Response: 5222043
Conc: 14.32 ng/ml



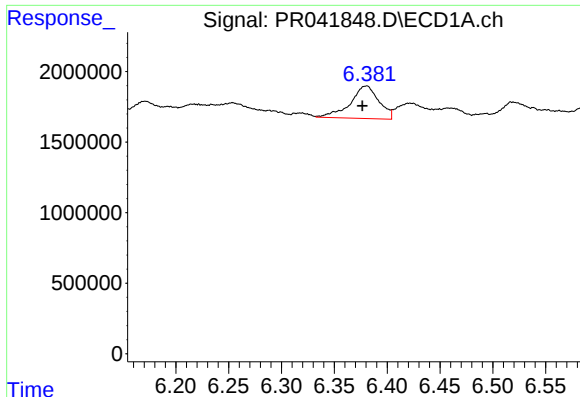
#6 AR-1016-4

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 944081
Conc: 9.28 ng/ml



#6 AR-1016-4

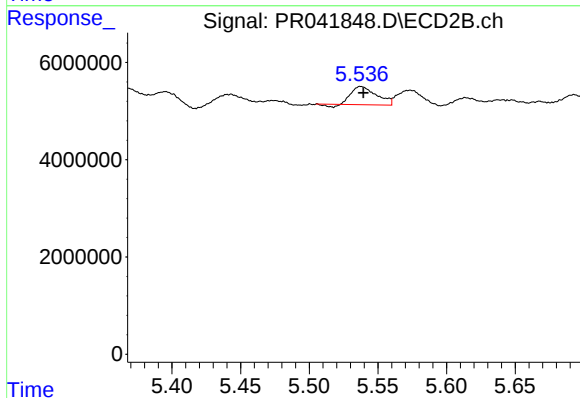
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 5790414
Conc: 20.87 ng/ml



#7 AR-1016-5

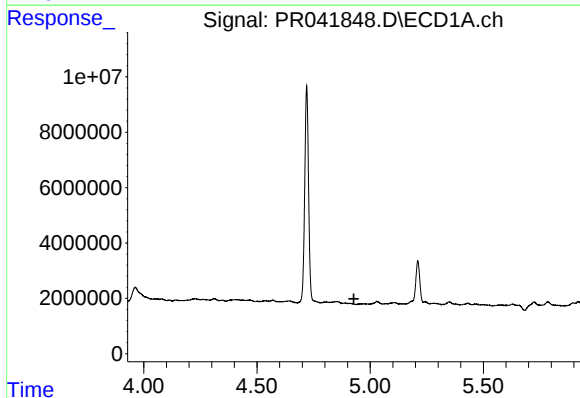
R.T.: 6.380 min
Delta R.T.: 0.004 min
Response: 4347602
Conc: 43.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



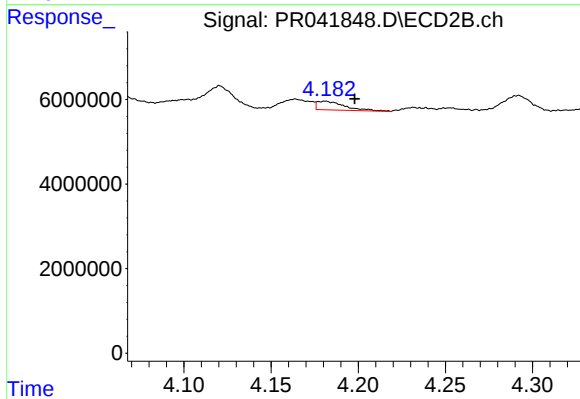
#7 AR-1016-5

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 4583226
Conc: 14.82 ng/ml



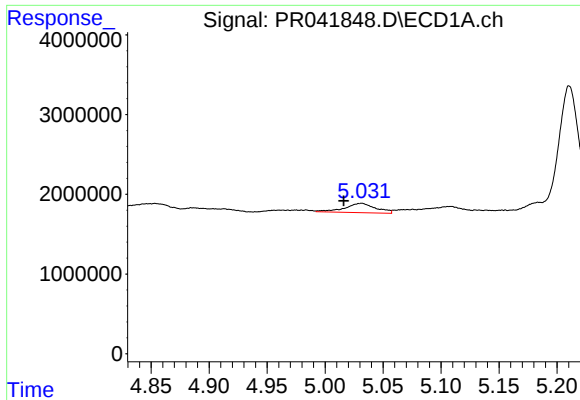
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



#8 AR-1221-1

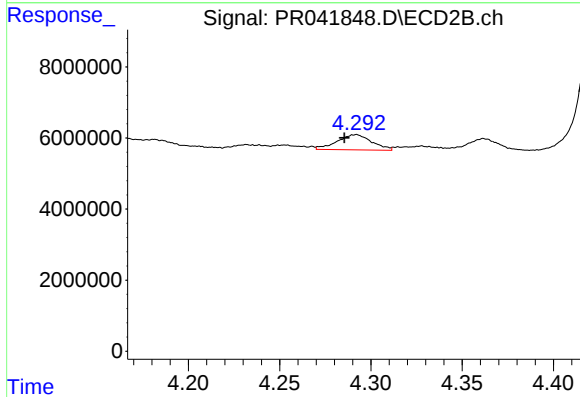
R.T.: 4.181 min
Delta R.T.: -0.017 min
Response: 2281092
Conc: 13.50 ng/ml



#9 AR-1221-2

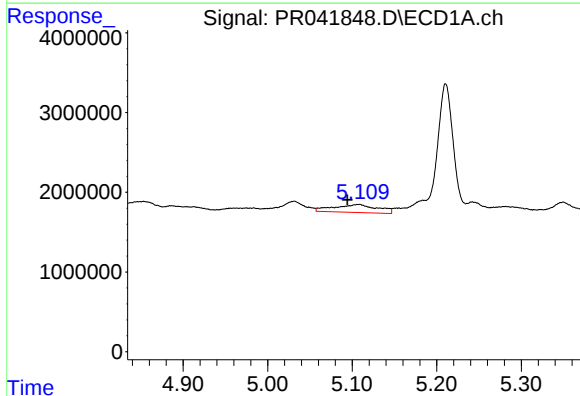
R.T.: 5.031 min
Delta R.T.: 0.015 min
Response: 2191762
Conc: 75.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



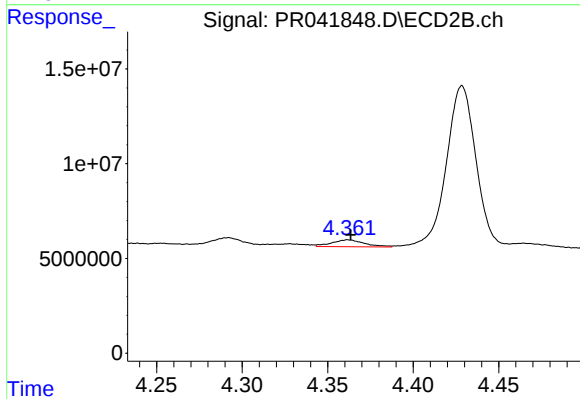
#9 AR-1221-2

R.T.: 4.292 min
Delta R.T.: 0.006 min
Response: 5660142
Conc: 46.06 ng/ml



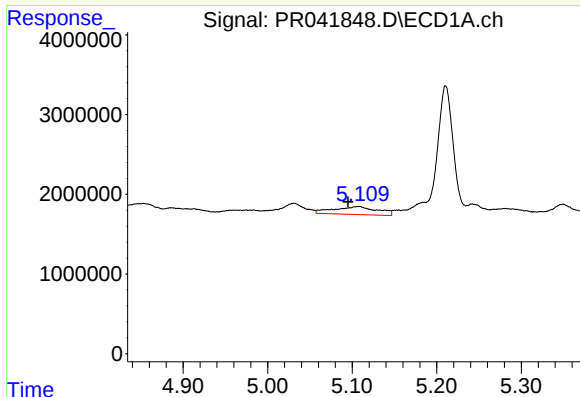
#10 AR-1221-3

R.T.: 5.108 min
Delta R.T.: 0.014 min
Response: 3603887
Conc: 37.04 ng/ml



#10 AR-1221-3

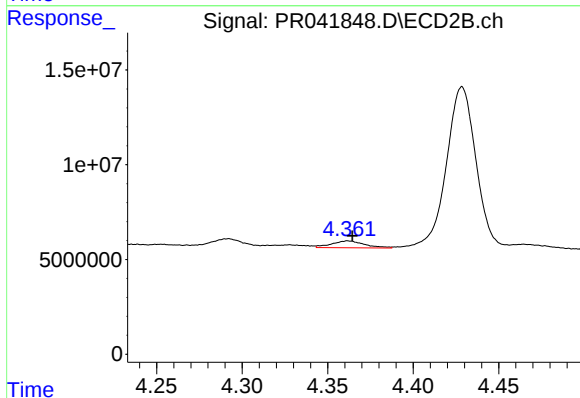
R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 4890175
Conc: 12.56 ng/ml



#11 AR-1232-1

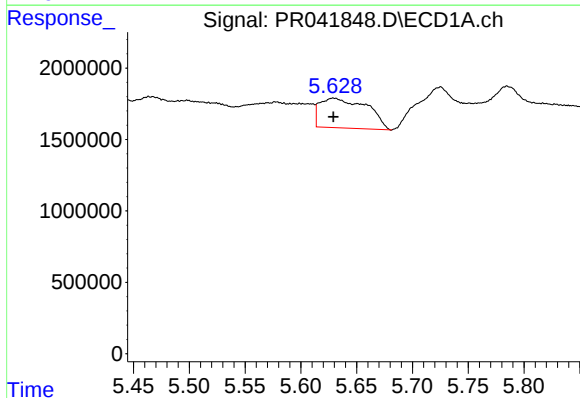
R.T.: 5.108 min
Delta R.T.: 0.013 min
Response: 3603887
Conc: 43.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



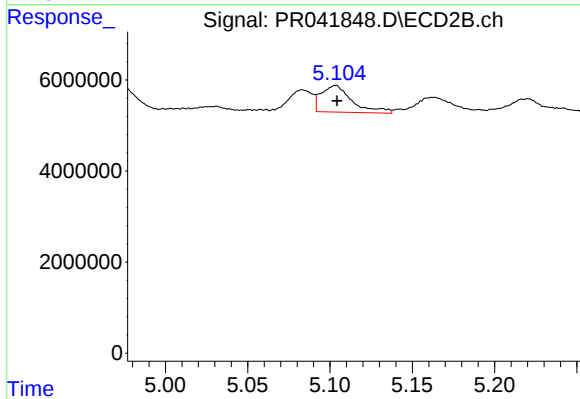
#11 AR-1232-1

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 4890175
Conc: 14.35 ng/ml



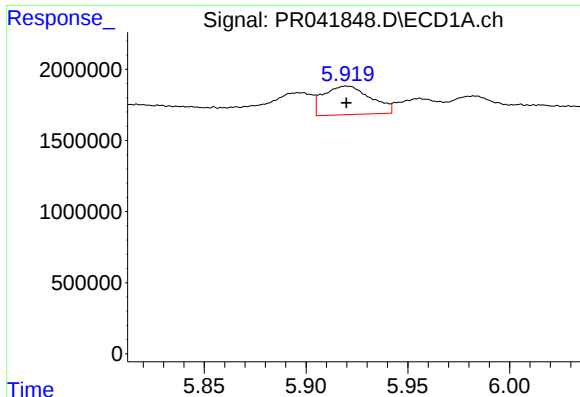
#12 AR-1232-2

R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 6106980
Conc: 141.76 ng/ml



#12 AR-1232-2

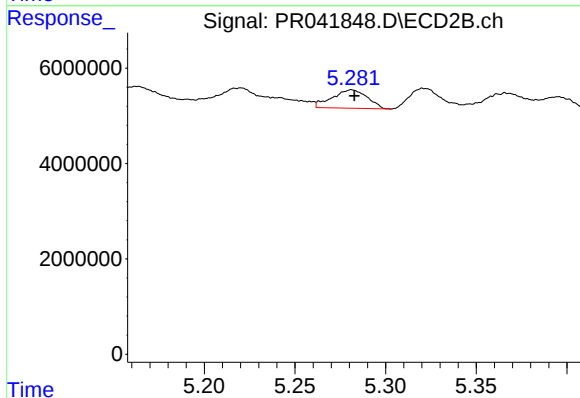
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 7667748
Conc: 22.52 ng/ml



#13 AR-1232-3

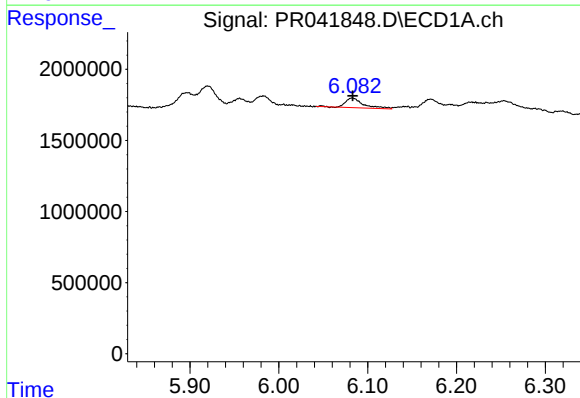
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 3249755
Conc: 36.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



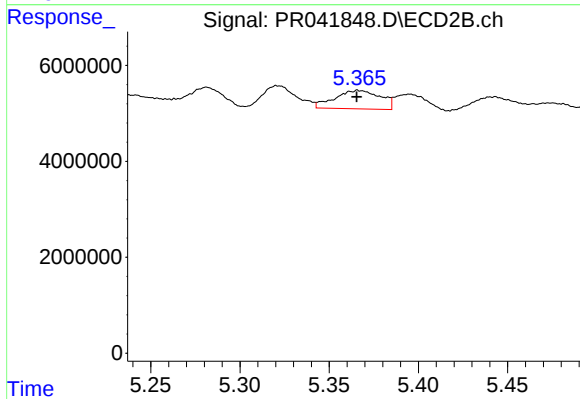
#13 AR-1232-3

R.T.: 5.281 min
Delta R.T.: -0.001 min
Response: 5222043
Conc: 31.01 ng/ml



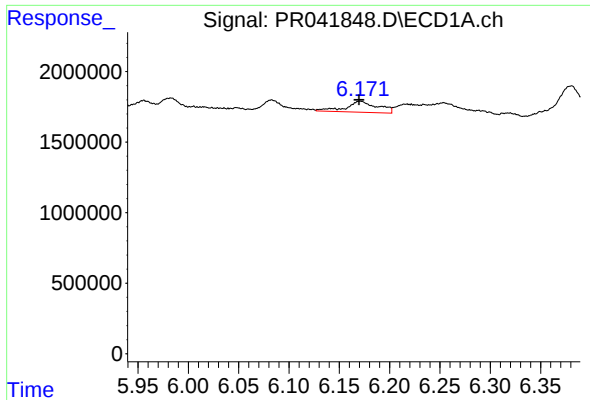
#14 AR-1232-4

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 944081
Conc: 21.21 ng/ml



#14 AR-1232-4

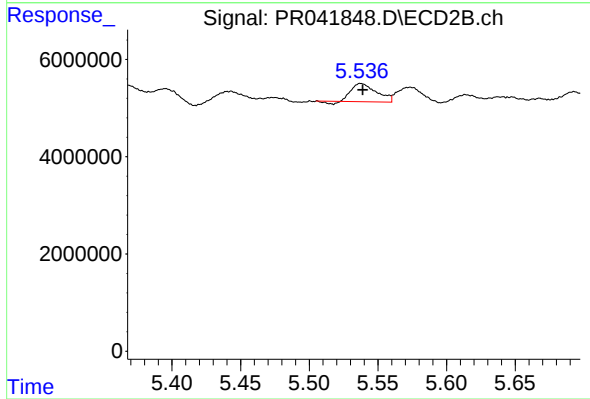
R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 6865922
Conc: 48.20 ng/ml



#15 AR-1232-5

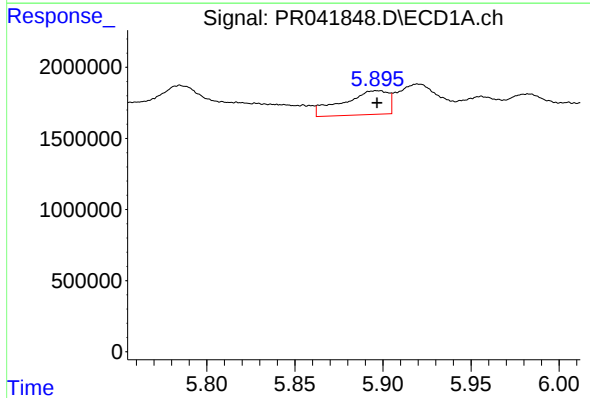
R.T.: 6.171 min
Delta R.T.: 0.001 min
Response: 1714694
Conc: 52.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



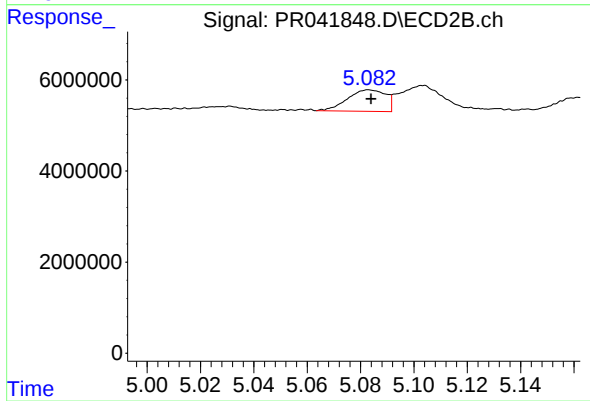
#15 AR-1232-5

R.T.: 5.538 min
Delta R.T.: -0.001 min
Response: 4583226
Conc: 34.01 ng/ml



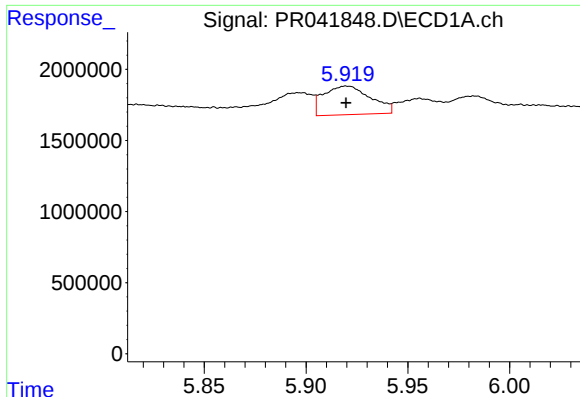
#16 AR-1242-1

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 3039371
Conc: 27.56 ng/ml



#16 AR-1242-1

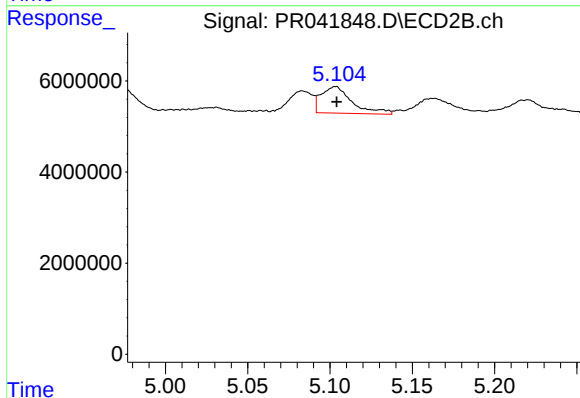
R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 4681182
Conc: 11.02 ng/ml



#17 AR-1242-2

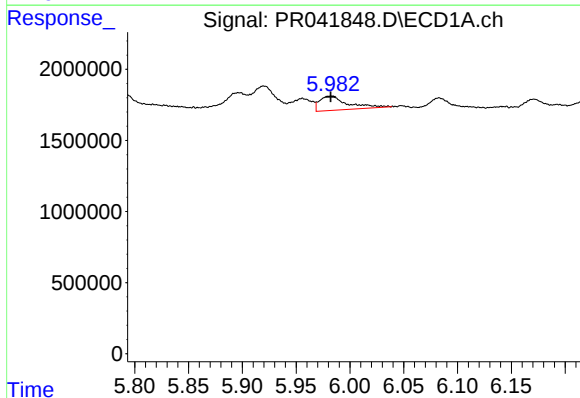
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 3249755
Conc: 20.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



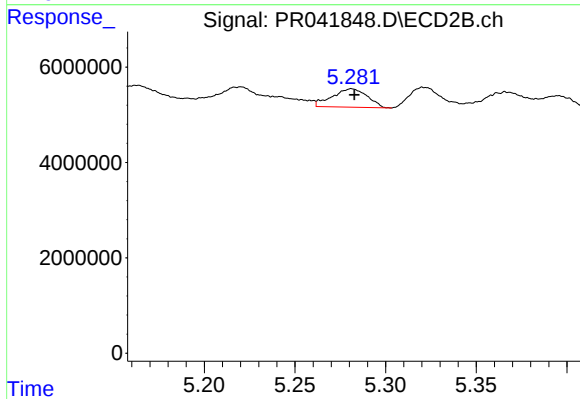
#17 AR-1242-2

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 7667748
Conc: 13.47 ng/ml



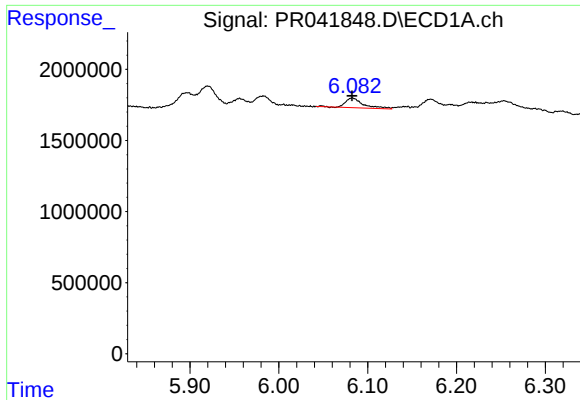
#18 AR-1242-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 1808801
Conc: 19.28 ng/ml



#18 AR-1242-3

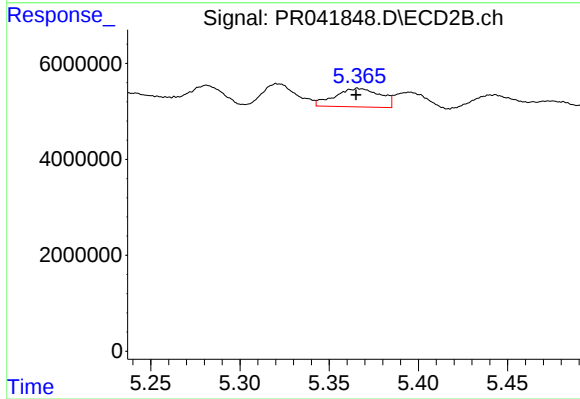
R.T.: 5.281 min
Delta R.T.: -0.001 min
Response: 5222043
Conc: 18.09 ng/ml



#19 AR-1242-4

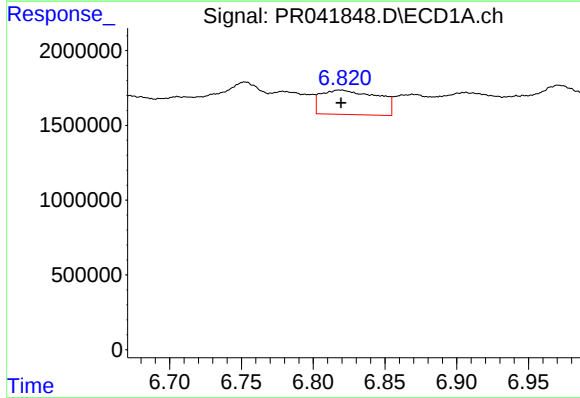
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 944081
Conc: 12.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



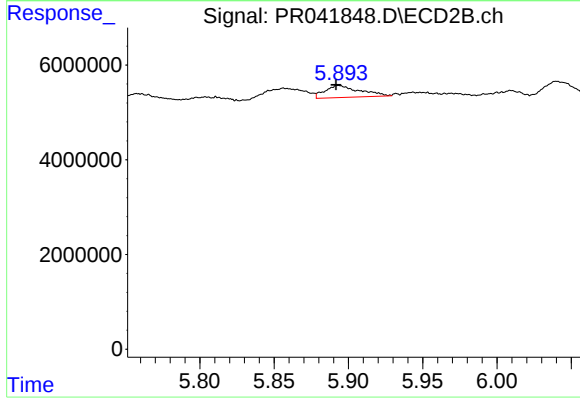
#19 AR-1242-4

R.T.: 5.367 min
Delta R.T.: 0.002 min
Response: 6865922
Conc: 26.37 ng/ml



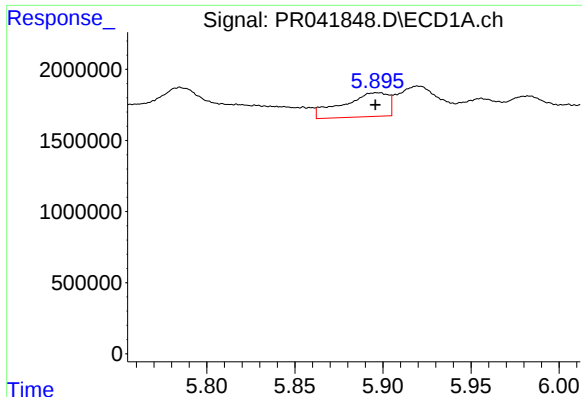
#20 AR-1242-5

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 4480947
Conc: 51.19 ng/ml



#20 AR-1242-5

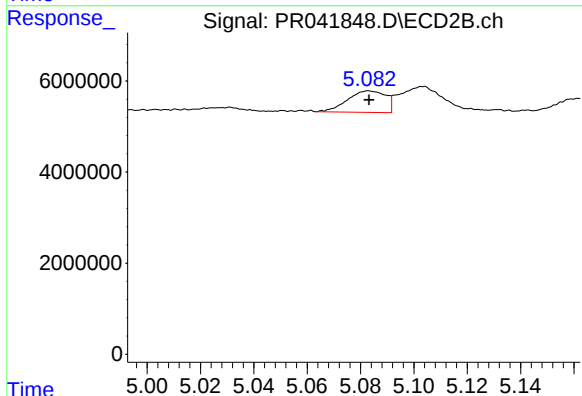
R.T.: 5.893 min
Delta R.T.: 0.002 min
Response: 4125929
Conc: 15.55 ng/ml



#21 AR-1248-1

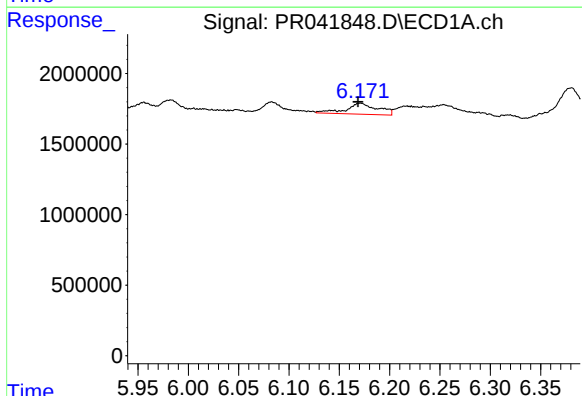
R.T.: 5.897 min
Delta R.T.: 0.001 min
Response: 3039371
Conc: 36.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



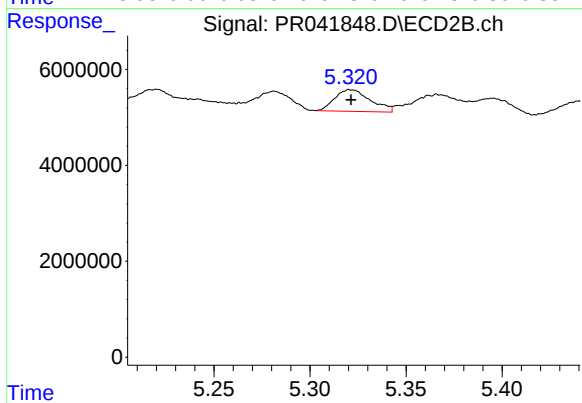
#21 AR-1248-1

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 4681182
Conc: 14.36 ng/ml



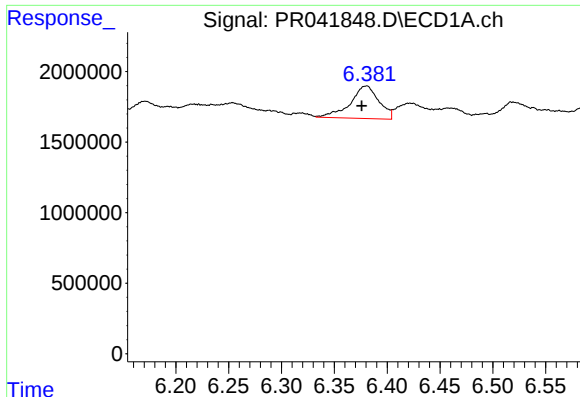
#22 AR-1248-2

R.T.: 6.171 min
Delta R.T.: 0.002 min
Response: 1714694
Conc: 14.94 ng/ml



#22 AR-1248-2

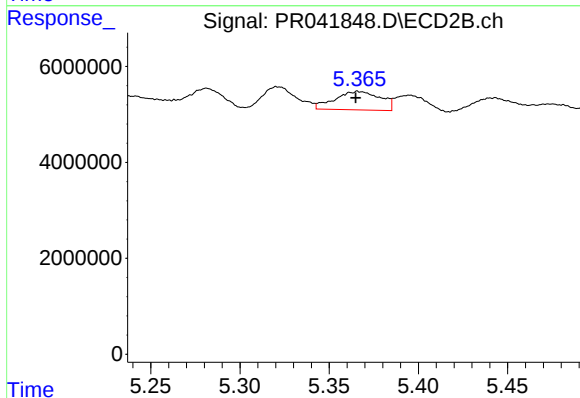
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 5790414
Conc: 15.55 ng/ml



#23 AR-1248-3

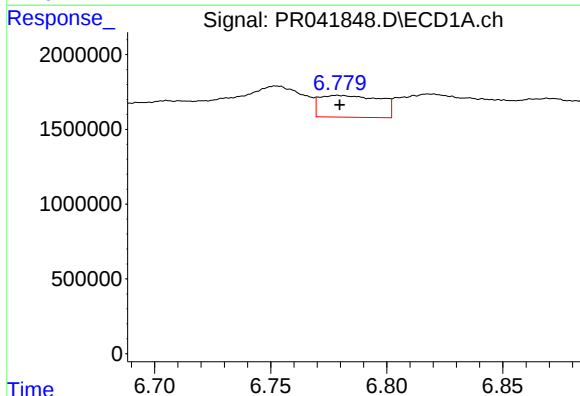
R.T.: 6.380 min
Delta R.T.: 0.004 min
Response: 4347602
Conc: 33.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



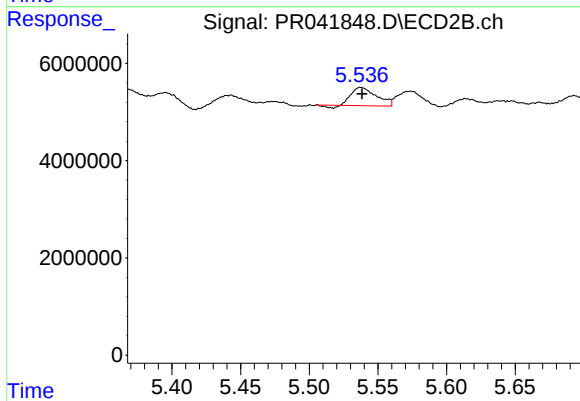
#23 AR-1248-3

R.T.: 5.367 min
Delta R.T.: 0.002 min
Response: 6865922
Conc: 18.34 ng/ml



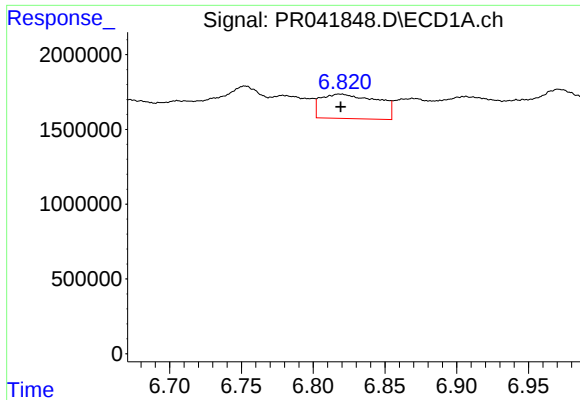
#24 AR-1248-4

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 2635784
Conc: 17.18 ng/ml



#24 AR-1248-4

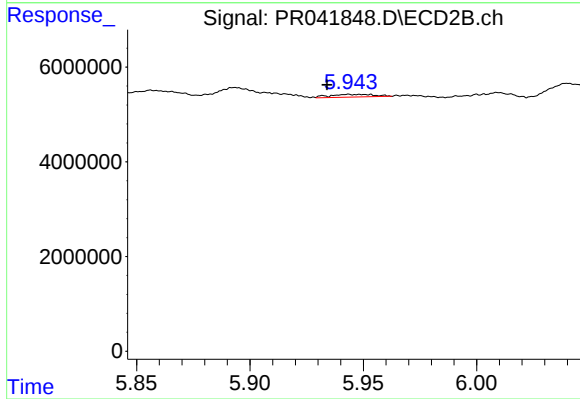
R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 4583226
Conc: 11.51 ng/ml



#25 AR-1248-5

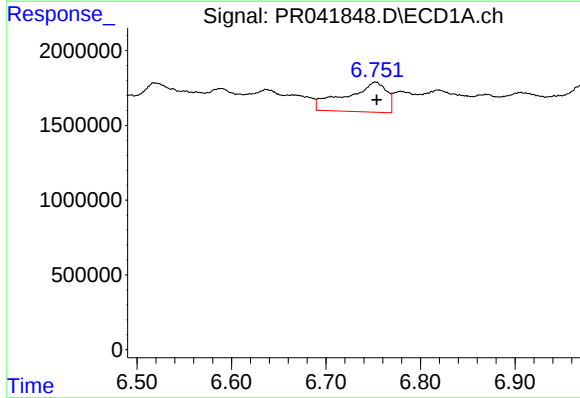
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 4480947
Conc: 30.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



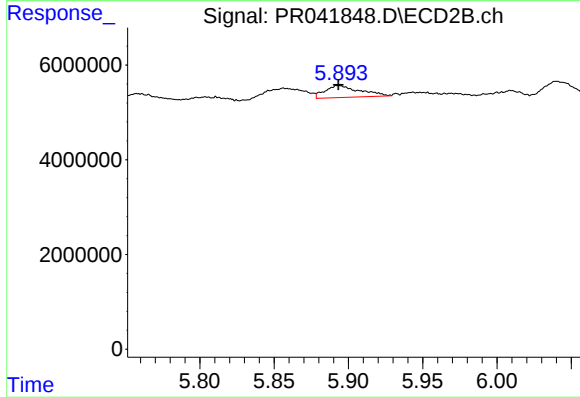
#25 AR-1248-5

R.T.: 5.943 min
Delta R.T.: 0.009 min
Response: 779188
Conc: 2.23 ng/ml



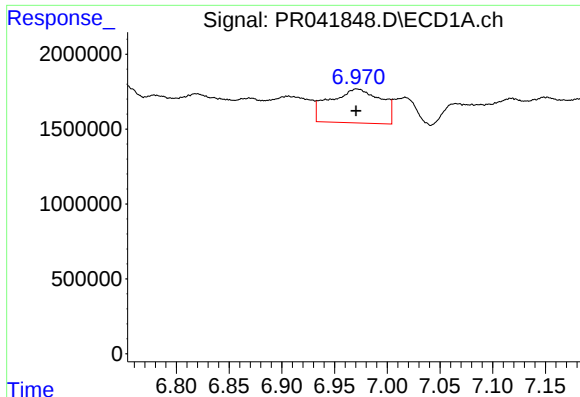
#26 AR-1254-1

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 5965972
Conc: 36.53 ng/ml



#26 AR-1254-1

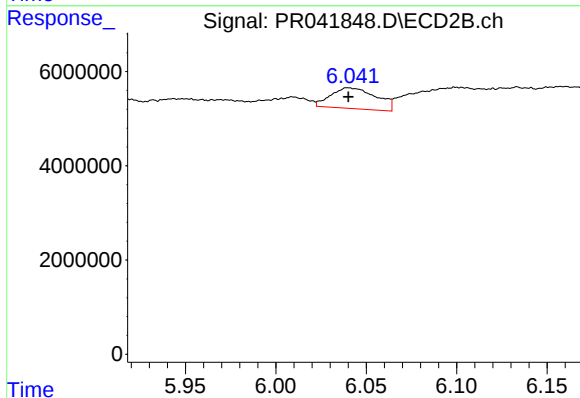
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 4125929
Conc: 7.79 ng/ml



#27 AR-1254-2

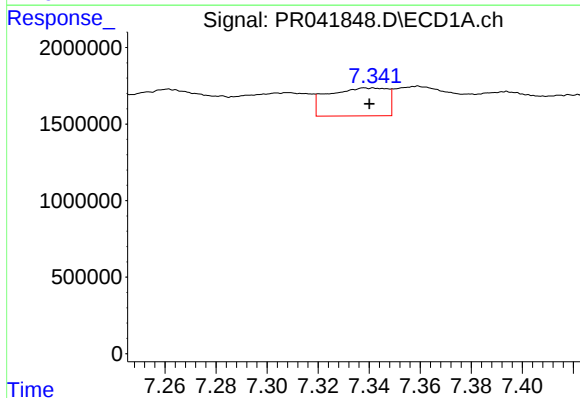
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 7633132
Conc: 30.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



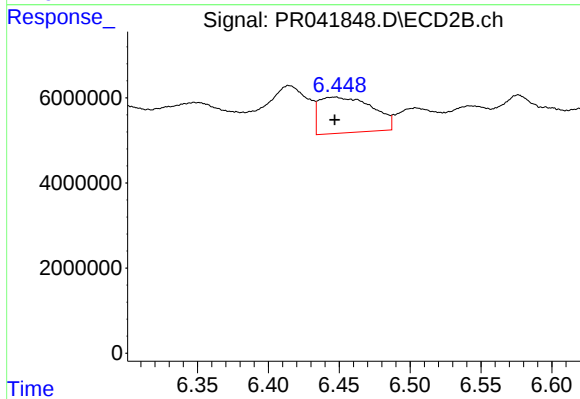
#27 AR-1254-2

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 7686368
Conc: 15.33 ng/ml



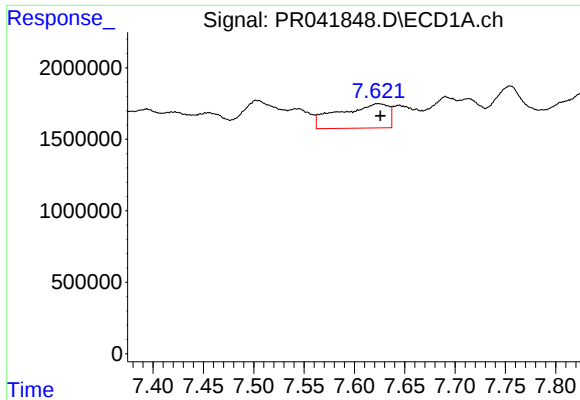
#28 AR-1254-3

R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 2939971
Conc: 10.89 ng/ml



#28 AR-1254-3

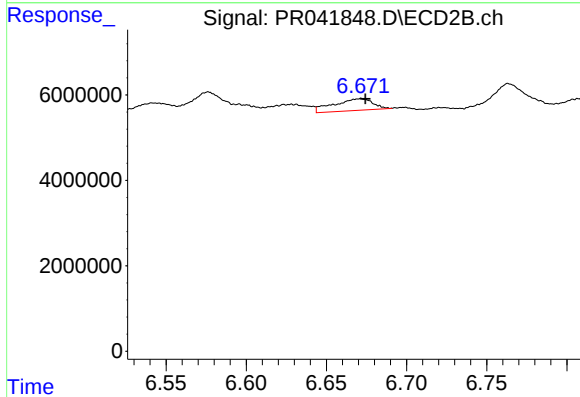
R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 22060778
Conc: 23.38 ng/ml



#29 AR-1254-4

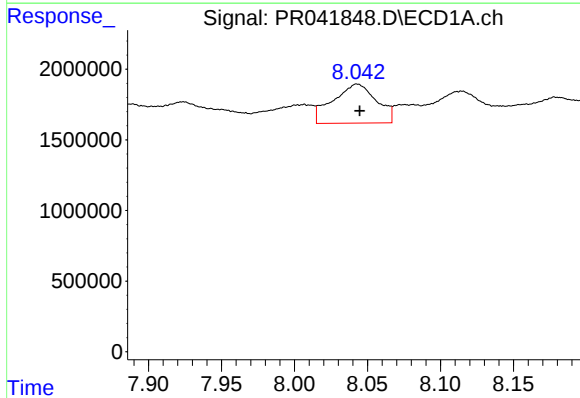
R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 5835671
Conc: 28.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



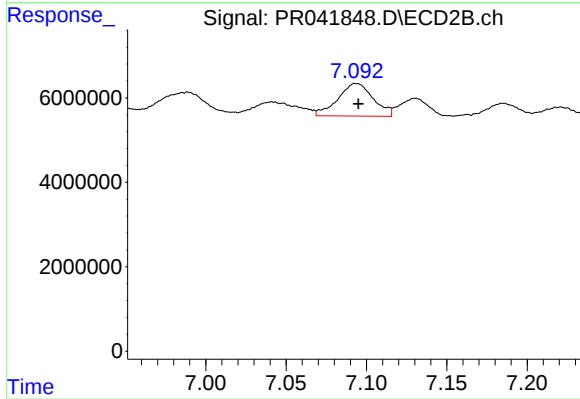
#29 AR-1254-4

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 4646916
Conc: 7.02 ng/ml



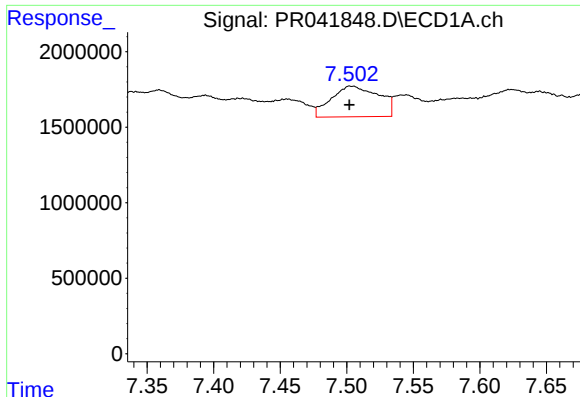
#30 AR-1254-5

R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 5743697
Conc: 27.01 ng/ml



#30 AR-1254-5

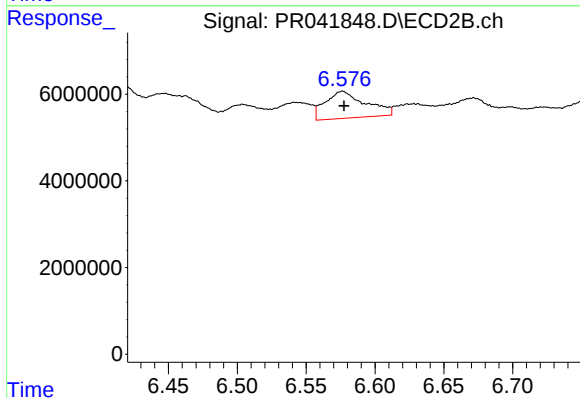
R.T.: 7.094 min
Delta R.T.: -0.001 min
Response: 11859257
Conc: 13.81 ng/ml



#31 AR-1260-1

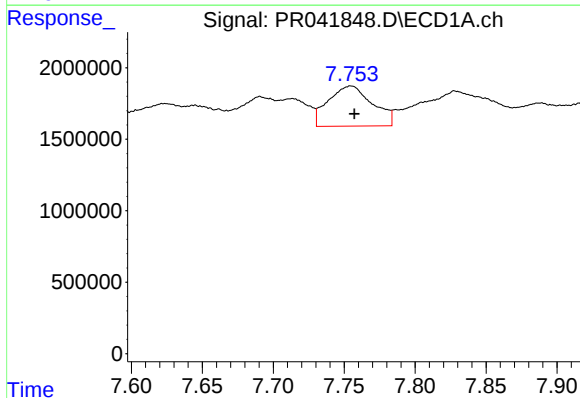
R.T.: 7.503 min
Delta R.T.: 0.001 min
Response: 5045524
Conc: 26.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



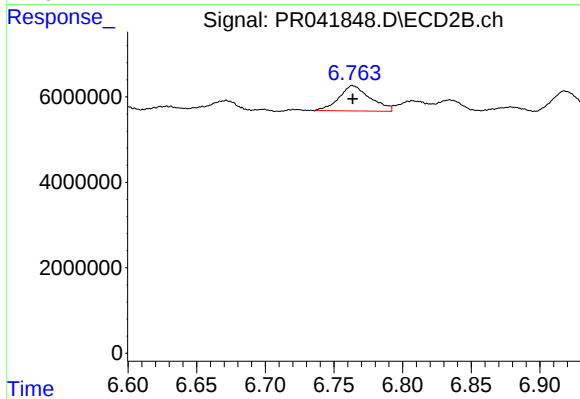
#31 AR-1260-1

R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 12759862
Conc: 21.53 ng/ml



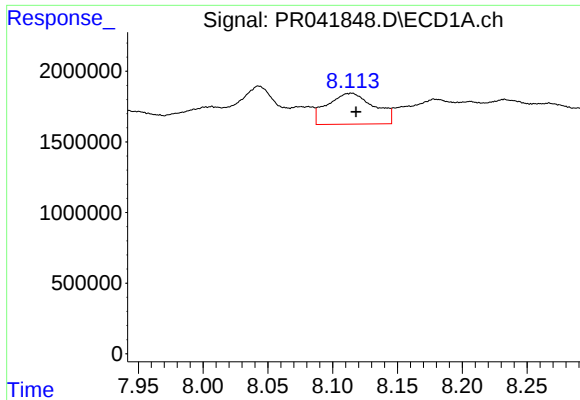
#32 AR-1260-2

R.T.: 7.755 min
Delta R.T.: -0.002 min
Response: 6102930
Conc: 25.82 ng/ml



#32 AR-1260-2

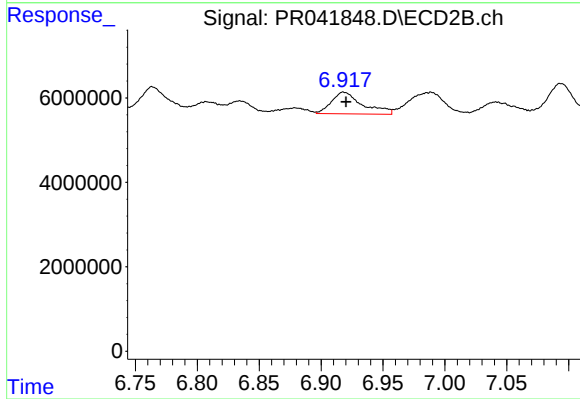
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 9350516
Conc: 11.47 ng/ml



#33 AR-1260-3

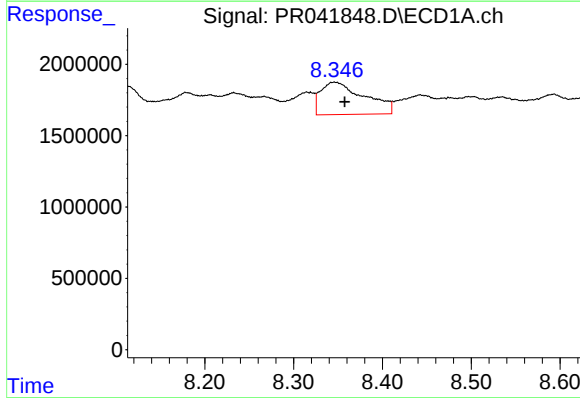
R.T.: 8.114 min
Delta R.T.: -0.004 min
Response: 5508359
Conc: 29.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



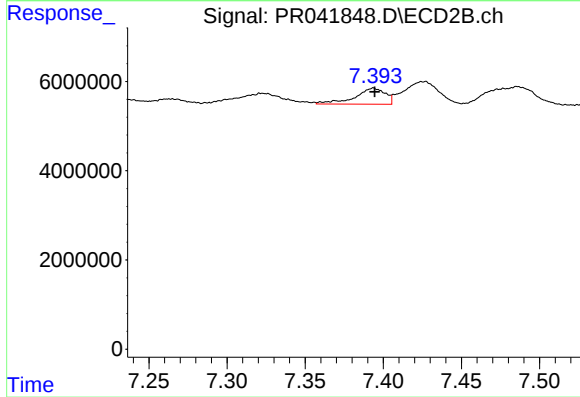
#33 AR-1260-3

R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 8972594
Conc: 12.98 ng/ml



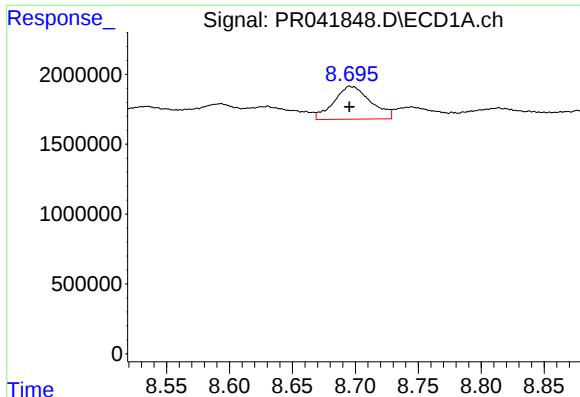
#34 AR-1260-4

R.T.: 8.346 min
Delta R.T.: -0.011 min
Response: 7806929
Conc: 38.85 ng/ml



#34 AR-1260-4

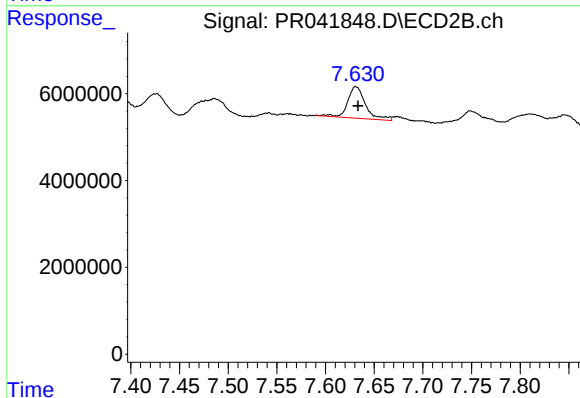
R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 4868575
Conc: 8.39 ng/ml



#35 AR-1260-5

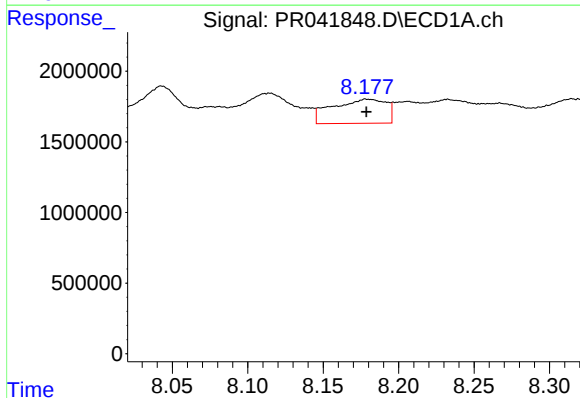
R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 4793269
Conc: 11.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



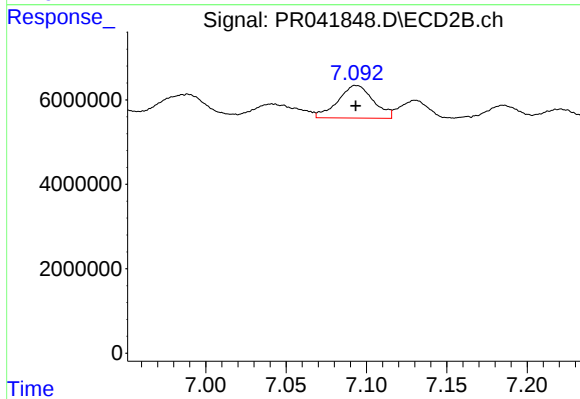
#35 AR-1260-5

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 9262257
Conc: 5.70 ng/ml



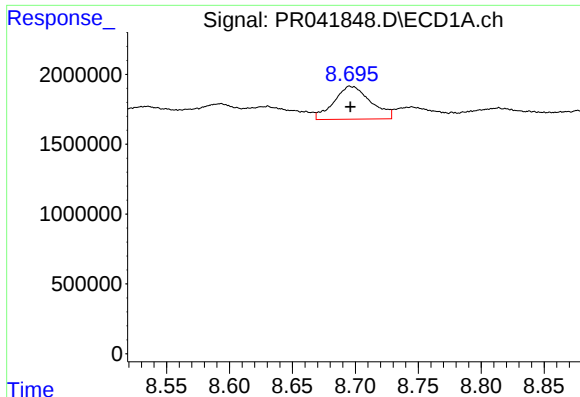
#36 AR-1262-1

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 4236269
Conc: 45.00 ng/ml



#36 AR-1262-1

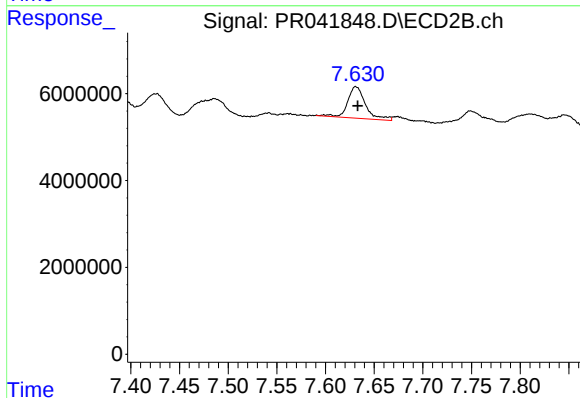
R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 11859257
Conc: 27.21 ng/ml



#37 AR-1262-2

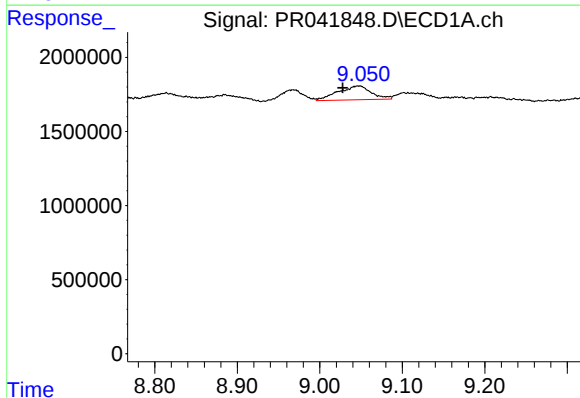
R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 4793269
Conc: 11.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



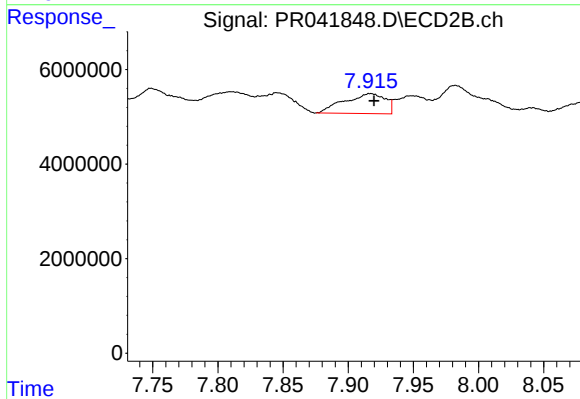
#37 AR-1262-2

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 9262257
Conc: 5.38 ng/ml



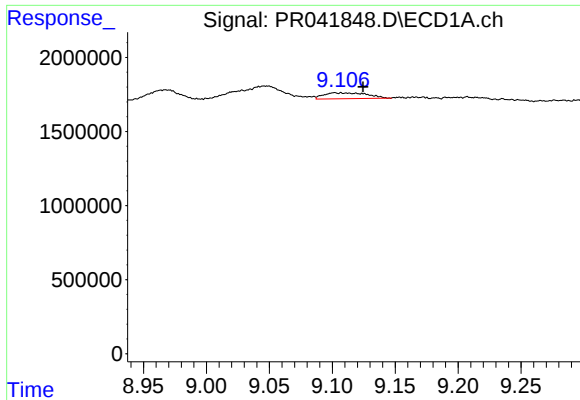
#38 AR-1262-3

R.T.: 9.048 min
Delta R.T.: 0.020 min
Response: 2628701
Conc: 9.43 ng/ml



#38 AR-1262-3

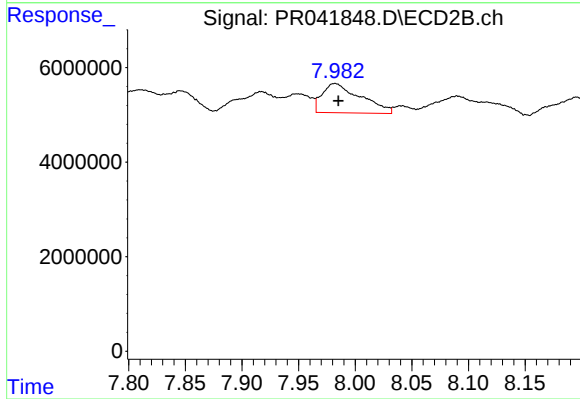
R.T.: 7.917 min
Delta R.T.: -0.003 min
Response: 9188807
Conc: 14.08 ng/ml



#39 AR-1262-4

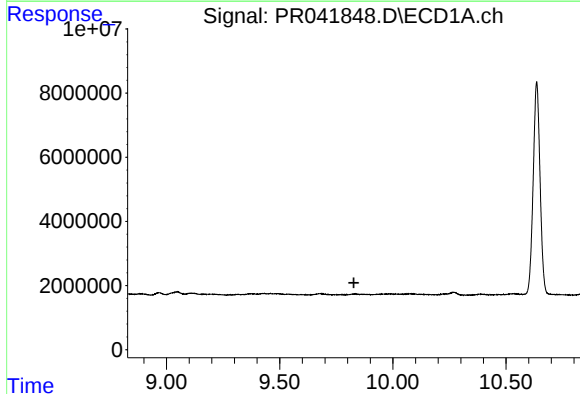
R.T.: 9.107 min
Delta R.T.: -0.018 min
Response: 954928
Conc: 4.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



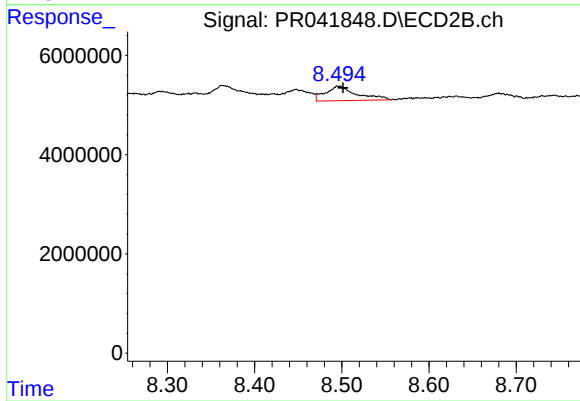
#39 AR-1262-4

R.T.: 7.982 min
Delta R.T.: -0.003 min
Response: 14630886
Conc: 12.52 ng/ml



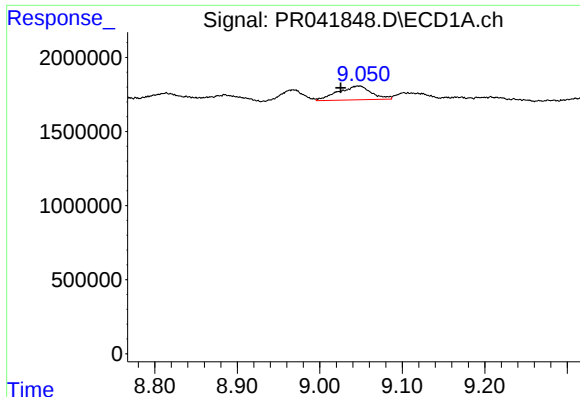
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.828 min
Response: 0
Conc: N.D.



#40 AR-1262-5

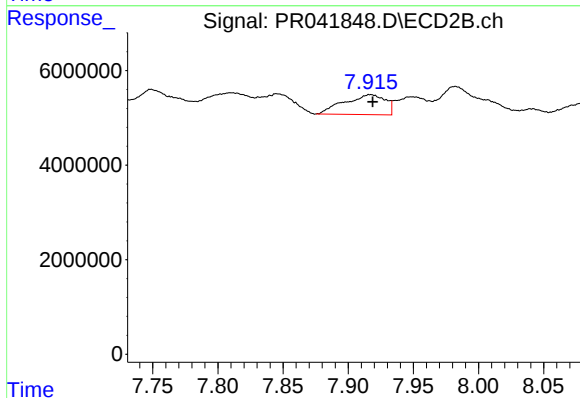
R.T.: 8.496 min
Delta R.T.: -0.005 min
Response: 7258089
Conc: 13.57 ng/ml



#41 AR-1268-1

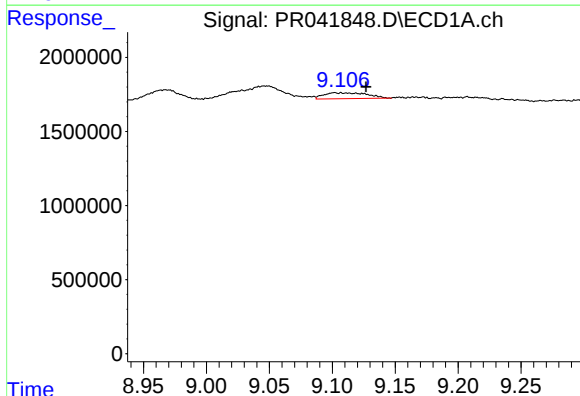
R.T.: 9.048 min
Delta R.T.: 0.023 min
Response: 2628701
Conc: 4.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



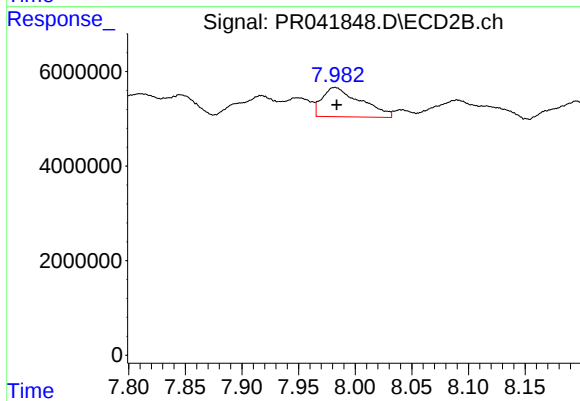
#41 AR-1268-1

R.T.: 7.917 min
Delta R.T.: -0.002 min
Response: 9188807
Conc: 4.19 ng/ml



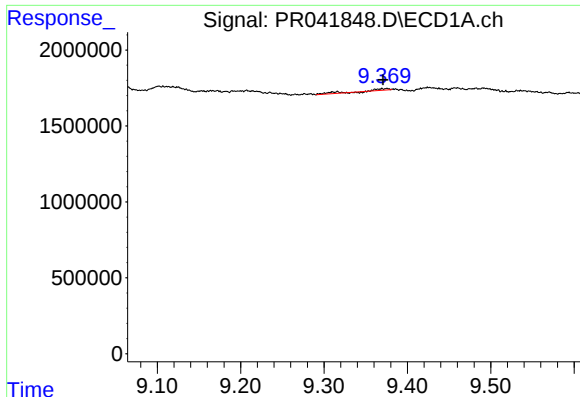
#42 AR-1268-2

R.T.: 9.107 min
Delta R.T.: -0.020 min
Response: 954928
Conc: 1.92 ng/ml



#42 AR-1268-2

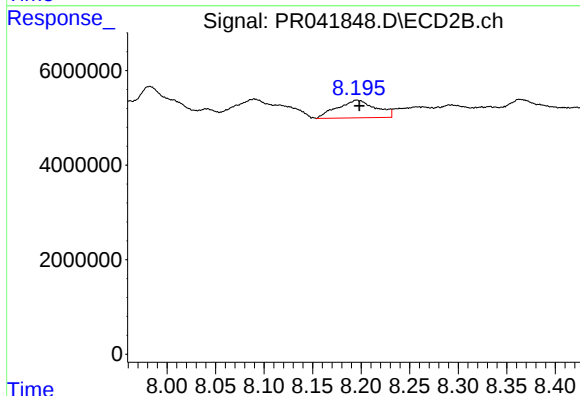
R.T.: 7.982 min
Delta R.T.: -0.001 min
Response: 14630886
Conc: 7.35 ng/ml



#43 AR-1268-3

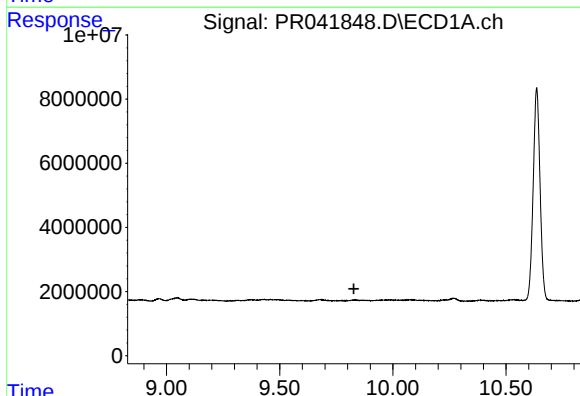
R.T.: 9.376 min
Delta R.T.: 0.005 min
Response: 199490
Conc: 0.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



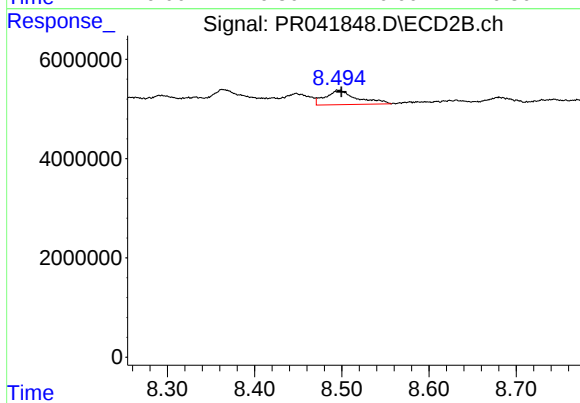
#43 AR-1268-3

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 10300354
Conc: 6.15 ng/ml



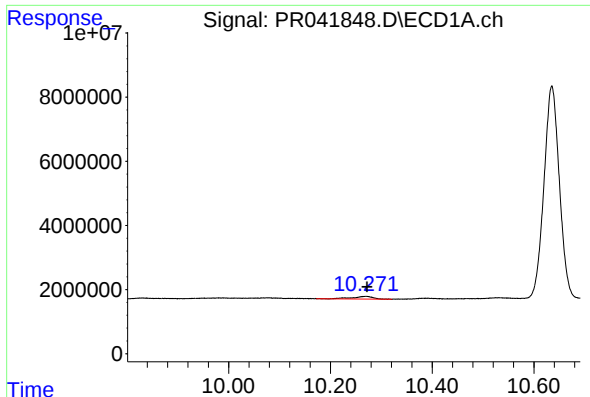
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.828 min
Response: 0
Conc: N.D.



#44 AR-1268-4

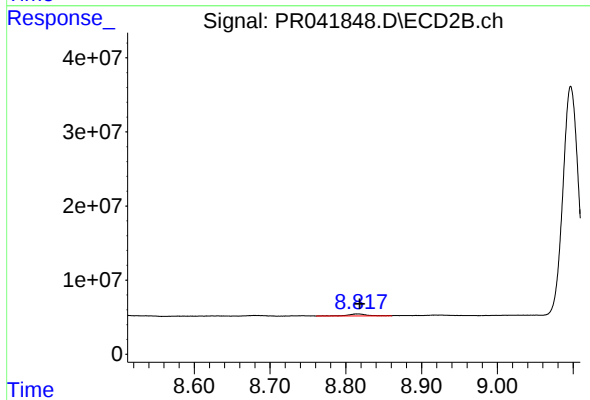
R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 7258089
Conc: 11.25 ng/ml



#45 AR-1268-5

R.T.: 10.271 min
Delta R.T.: -0.002 min
Response: 2371175
Conc: 1.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAJ2



#45 AR-1268-5

R.T.: 8.816 min
Delta R.T.: -0.002 min
Response: 4539775
Conc: 0.99 ng/ml