

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092419\
 Data File : PR041468.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 11:28
 Operator : SM\AJ
 Sample : K4958-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESP01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:30:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.743	4.006	38075513	158.9E6	28.684	26.269
2)	SA Decachlor...	10.668	9.127	132.8E6	343.5E6	41.592	31.842
Target Compounds							
3)	L1 AR-1016-1	0.000	5.103	0	677030	N.D.	4.595 #
4)	L1 AR-1016-2	0.000	5.124	0	1230166	N.D.	5.975 #
5)	L1 AR-1016-3	0.000	5.304	0	677089	N.D.	5.722 #
6)	L1 AR-1016-4	0.000	5.342	0	3047330	N.D.	31.282 #
7)	L1 AR-1016-5	0.000	5.558	0	1318728	N.D.	9.486 #
8)	L2 AR-1221-1	0.000	4.249	0	171355	N.D.	2.990 #
9)	L2 AR-1221-2	0.000	4.311	0	1542954	N.D.	44.243 #
10)	L2 AR-1221-3	0.000	4.407	0	91896	N.D.	0.867 #
11)	L3 AR-1232-1	0.000	4.407	0	91896	N.D.	1.140 #
12)	L3 AR-1232-2	0.000	5.124	0	1230166	N.D.	12.649 #
13)	L3 AR-1232-3	0.000	5.304	0	677089	N.D.	15.079 #
14)	L3 AR-1232-4	0.000	5.383	0	2874720	N.D.	68.631 #
15)	L3 AR-1232-5	6.191	5.558	1123439	1318728	81.304	24.652 #
16)	L4 AR-1242-1	0.000	5.103	0	677030	N.D.	6.038 #
17)	L4 AR-1242-2	0.000	5.124	0	1230166	N.D.	7.694 #
18)	L4 AR-1242-3	0.000	5.304	0	677089	N.D.	7.465 #
19)	L4 AR-1242-4	0.000	5.383	0	2874720	N.D.	30.548 #
20)	L4 AR-1242-5	6.841	5.913	3413199	11404411	66.588	67.228
21)	L5 AR-1248-1	0.000	5.103	0	677030	N.D.	8.032 #
22)	L5 AR-1248-2	6.191	5.342	1123439	3047330	20.396	25.054
23)	L5 AR-1248-3	0.000	5.383	0	2874720	N.D.	22.675 #
24)	L5 AR-1248-4	6.801	5.558	1140733	1318728	13.366	7.857 #
25)	L5 AR-1248-5	6.841	5.953	3413199	6803793	41.888	31.249 #
26)	L6 AR-1254-1	6.774	5.913	3437093	11404411	41.303	35.166
27)	L6 AR-1254-2	6.990	6.060	5582279	13162933	39.727	43.086
28)	L6 AR-1254-3	7.360	6.467	6621520	25033619	39.079	44.738
29)	L6 AR-1254-4	7.646	6.694	4783874	16379755	35.242	38.382
30)	L6 AR-1254-5	8.064	7.114	10504312	27149706	68.312	46.930 #
31)	L7 AR-1260-1	7.523	6.597	6180672	20143798	52.193	51.719
32)	L7 AR-1260-2	7.778	6.784	7068416	20813016	47.898	38.608
33)	L7 AR-1260-3	8.138	6.940	4800834	16474829	41.397	35.269
34)	L7 AR-1260-4	8.376	7.414	7123663	10400221	49.894	24.539 #
35)	L7 AR-1260-5	8.718	7.653	10596125	32135948	34.393	26.382
36)	L8 AR-1262-1	8.200	7.114	1921133	27149706	24.943	81.115 #
37)	L8 AR-1262-2	8.718	7.653	10596125	32135948	27.948	23.271
38)	L8 AR-1262-3	9.071	7.941	6682521	8428139	25.345	14.736 #
39)	L8 AR-1262-4	9.128	8.004	3173686	23058584	16.072	22.754 #
40)	L8 AR-1262-5	9.855	8.523	4234144	9401821	27.042	16.795 #
41)	L9 AR-1268-1	9.071	7.941	6682521	8428139	13.896	4.980 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.128	8.004	3173686	23058584	7.176	14.739 #
43) L9	AR-1268-3	0.000	8.221	0	1204357	N.D.	0.910 #
44) L9	AR-1268-4	9.855	8.523	4234144	9401821	24.185	15.666 #
45) L9	AR-1268-5	10.302	8.843	2186663	3083547	1.546	0.700 #

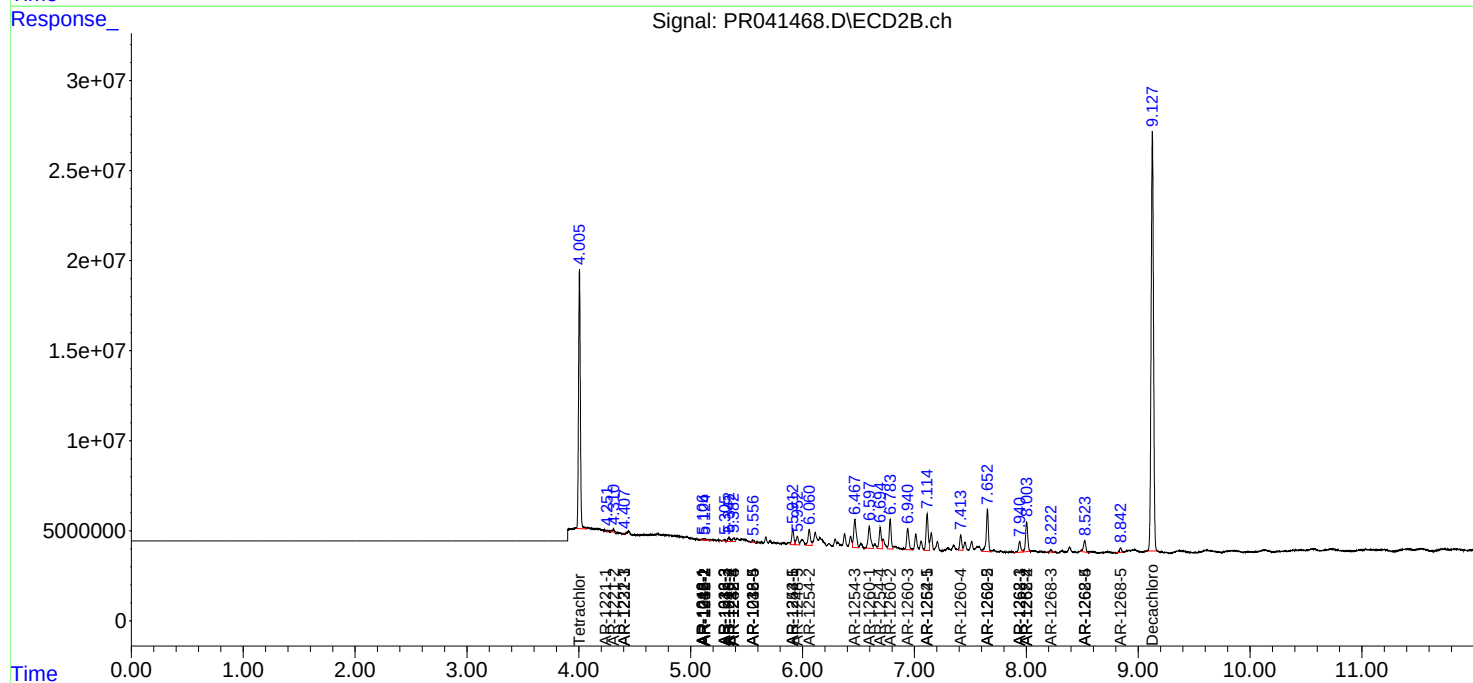
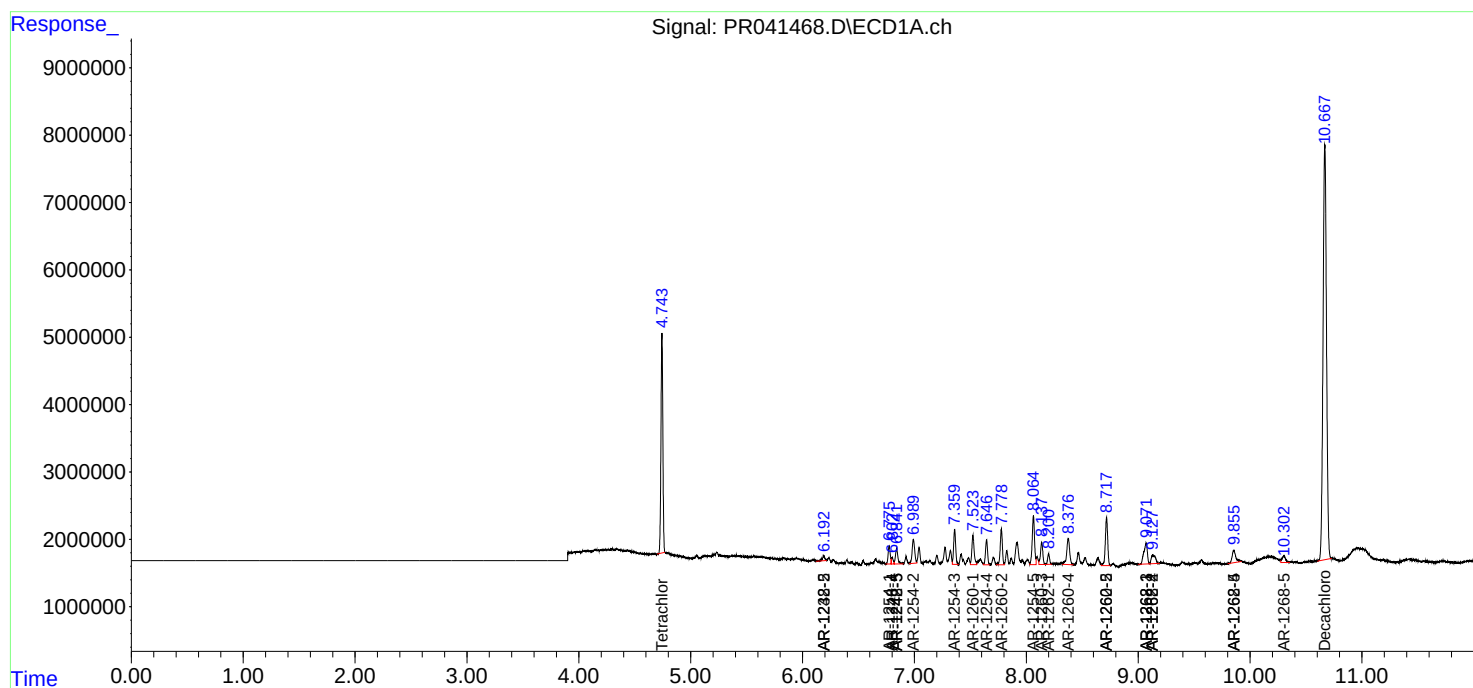
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

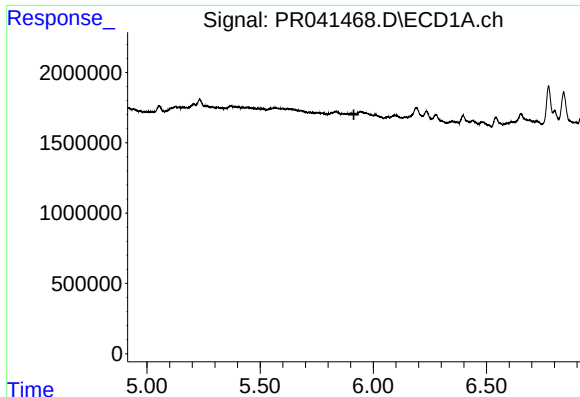
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092419\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

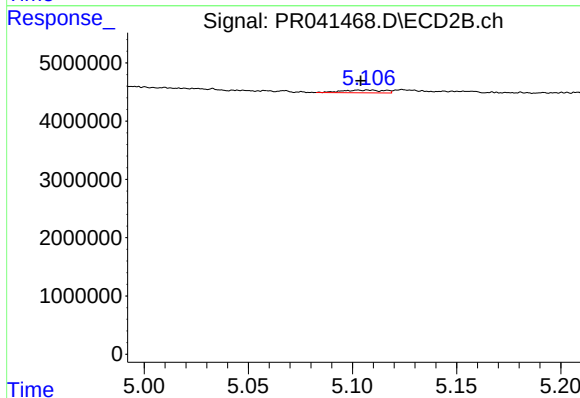




#3 AR-1016-1

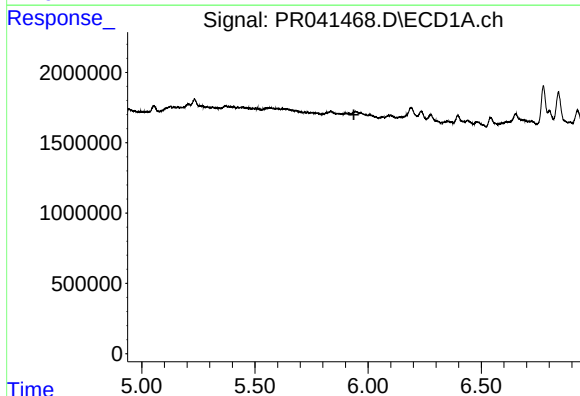
R.T.: 0.000 min
Exp R.T.: 5.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



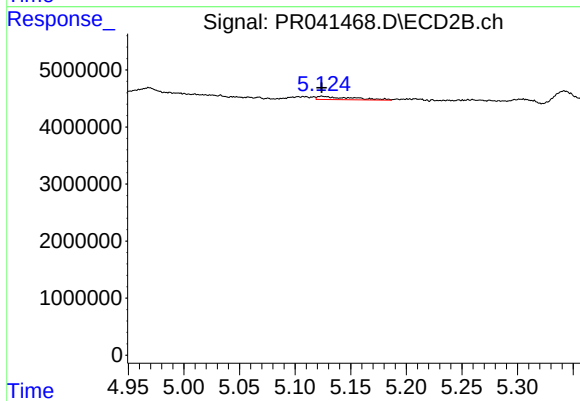
#3 AR-1016-1

R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 677030
Conc: 4.59 ng/ml



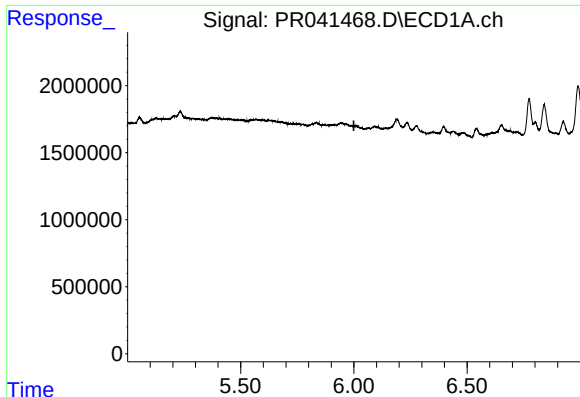
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.937 min
Response: 0
Conc: N.D.



#4 AR-1016-2

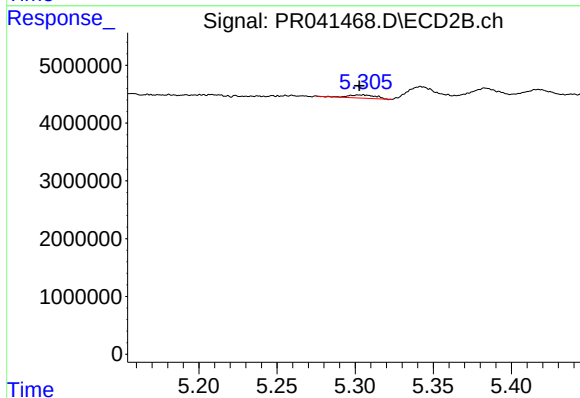
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 1230166
Conc: 5.98 ng/ml



#5 AR-1016-3

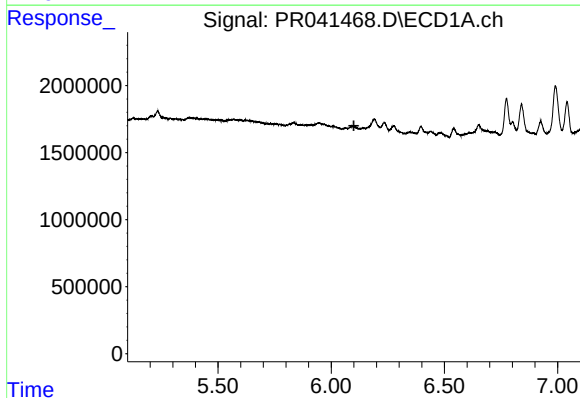
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



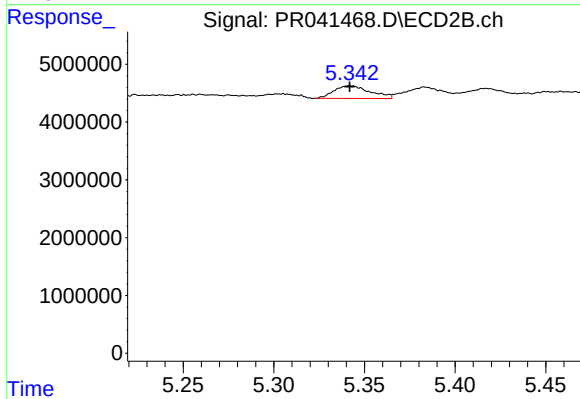
#5 AR-1016-3

R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 677089
Conc: 5.72 ng/ml



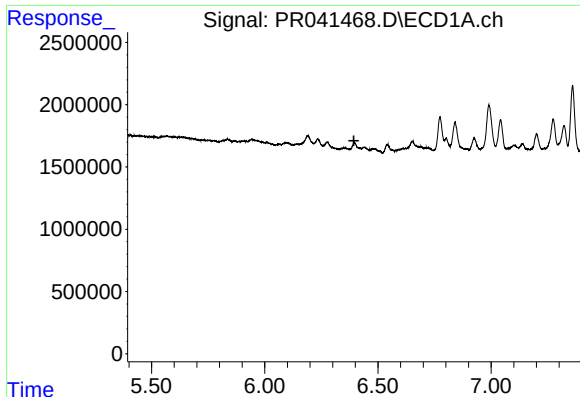
#6 AR-1016-4

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



#6 AR-1016-4

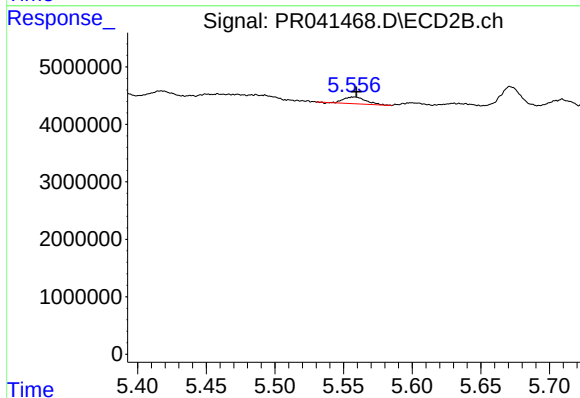
R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 3047330
Conc: 31.28 ng/ml



#7 AR-1016-5

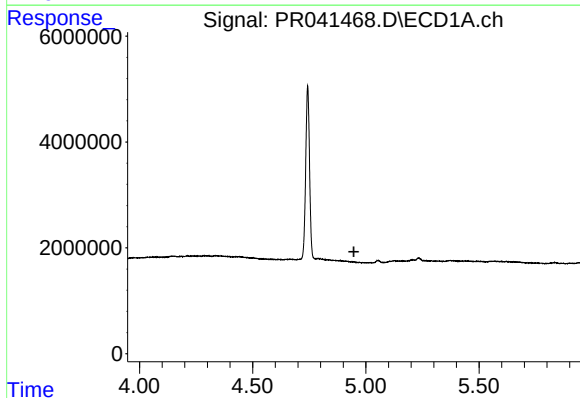
R.T.: 0.000 min
Exp R.T. : 6.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



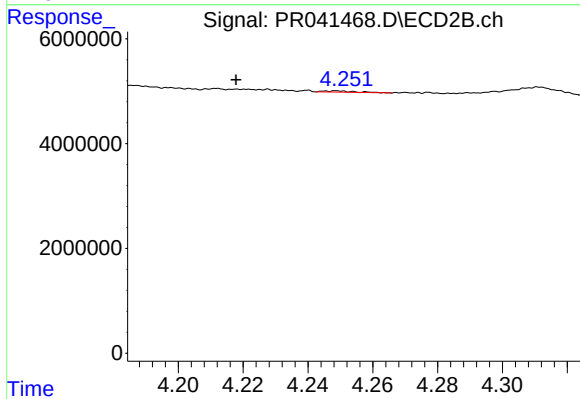
#7 AR-1016-5

R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 1318728
Conc: 9.49 ng/ml



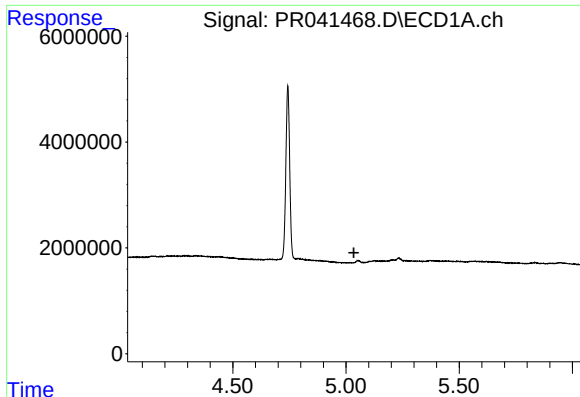
#8 AR-1221-1

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



#8 AR-1221-1

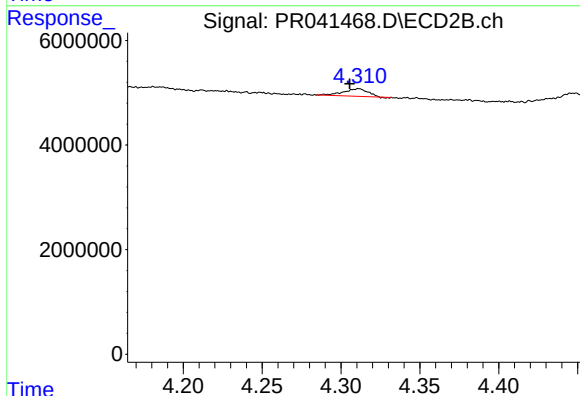
R.T.: 4.249 min
Delta R.T.: 0.031 min
Response: 171355
Conc: 2.99 ng/ml



#9 AR-1221-2

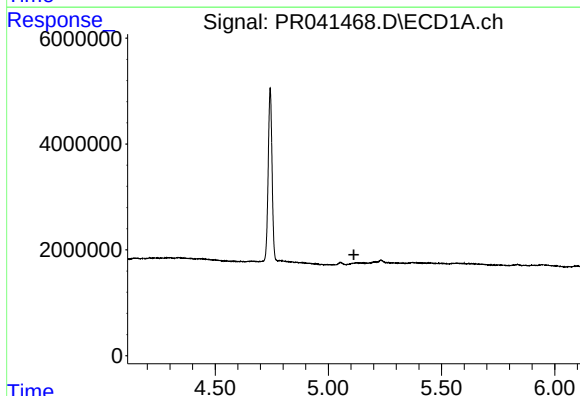
R.T.: 0.000 min
Exp R.T.: 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



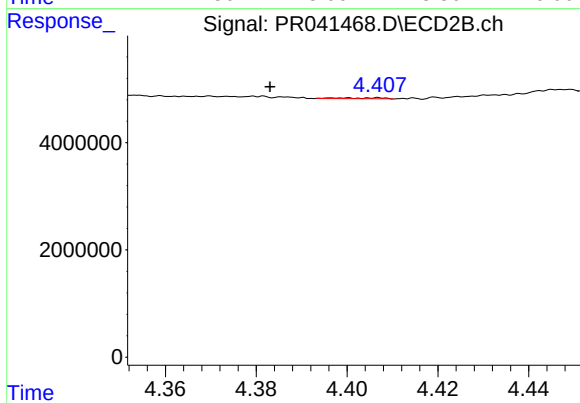
#9 AR-1221-2

R.T.: 4.311 min
Delta R.T.: 0.006 min
Response: 1542954
Conc: 44.24 ng/ml



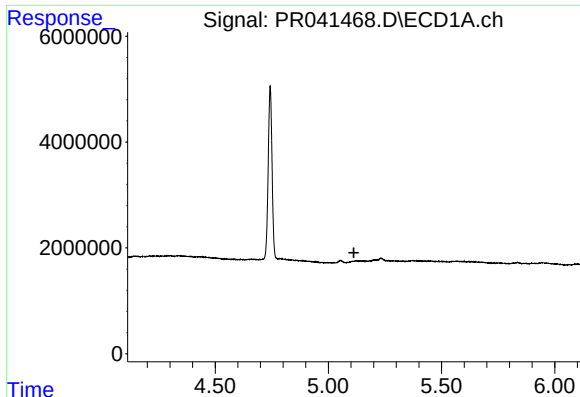
#10 AR-1221-3

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



#10 AR-1221-3

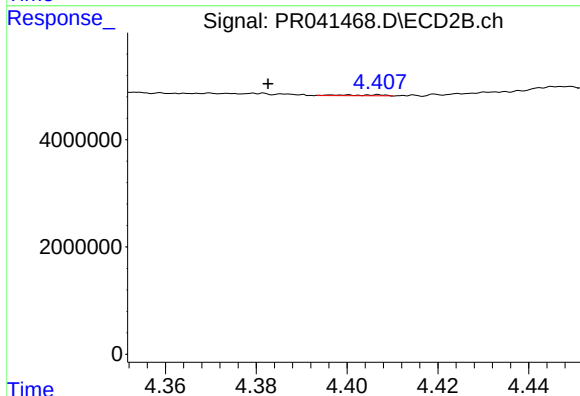
R.T.: 4.407 min
Delta R.T.: 0.024 min
Response: 91896
Conc: 0.87 ng/ml



#11 AR-1232-1

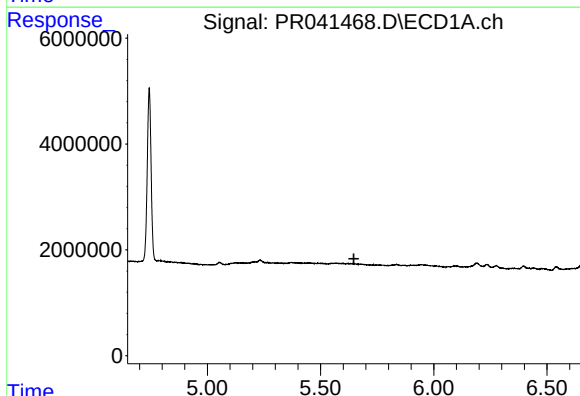
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



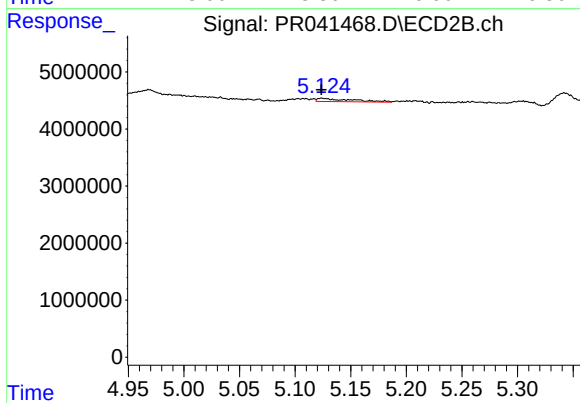
#11 AR-1232-1

R.T.: 4.407 min
Delta R.T.: 0.024 min
Response: 91896
Conc: 1.14 ng/ml



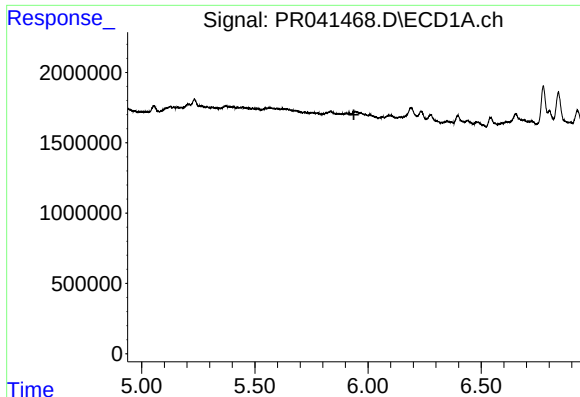
#12 AR-1232-2

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



#12 AR-1232-2

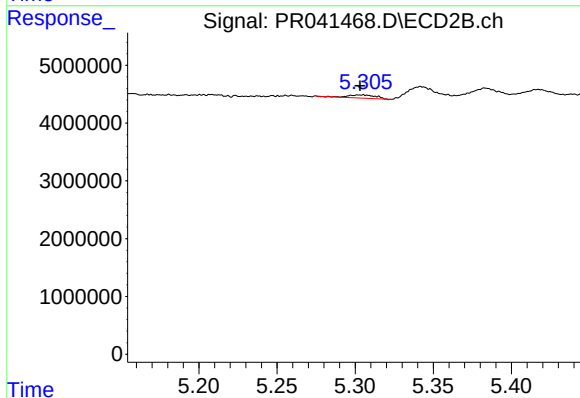
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 1230166
Conc: 12.65 ng/ml



#13 AR-1232-3

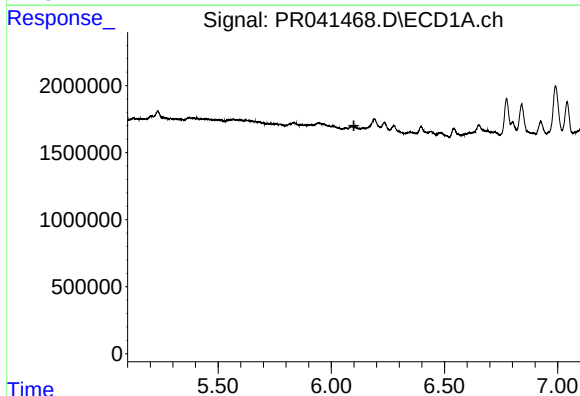
R.T.: 0.000 min
Exp R.T.: 5.937 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



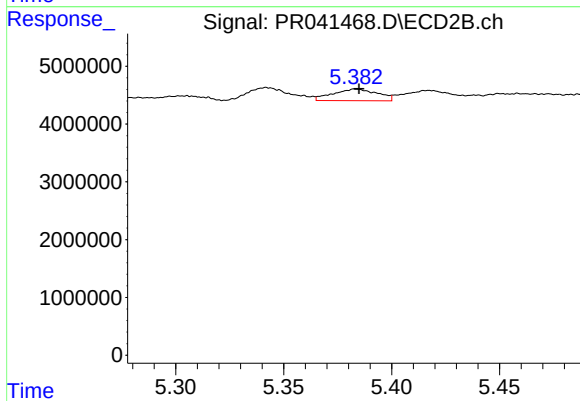
#13 AR-1232-3

R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 677089
Conc: 15.08 ng/ml



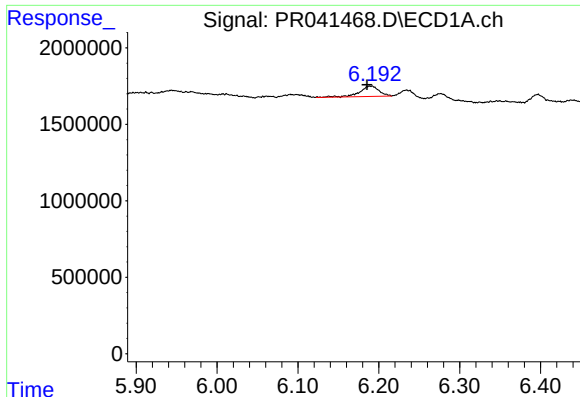
#14 AR-1232-4

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



#14 AR-1232-4

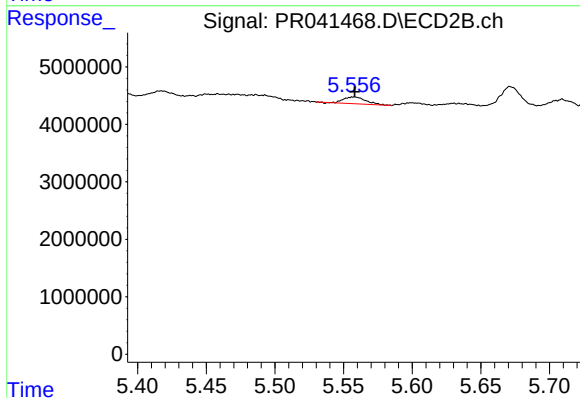
R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 2874720
Conc: 68.63 ng/ml



#15 AR-1232-5

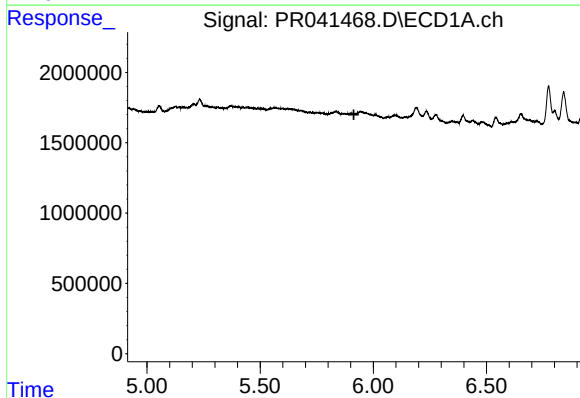
R.T.: 6.191 min
Delta R.T.: 0.005 min
Response: 1123439
Conc: 81.30 ng/ml

Instrument :
ECD_R
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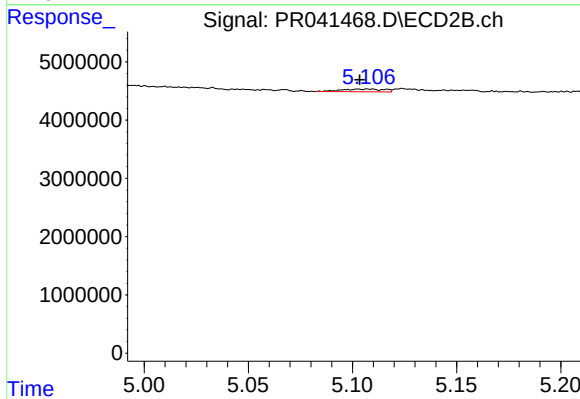
#15 AR-1232-5

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 1318728
Conc: 24.65 ng/ml



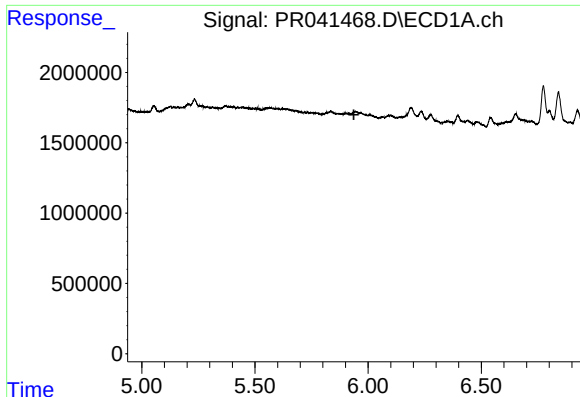
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.914 min
Response: 0
Conc: N.D.



#16 AR-1242-1

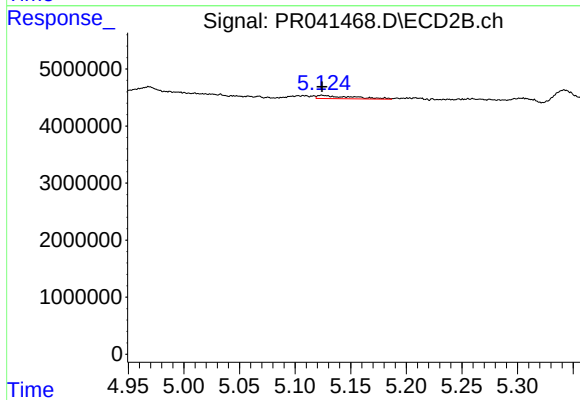
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 677030
Conc: 6.04 ng/ml



#17 AR-1242-2

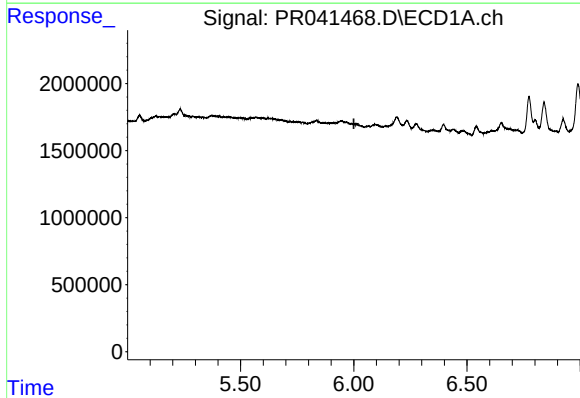
R.T.: 0.000 min
Exp R.T.: 5.937 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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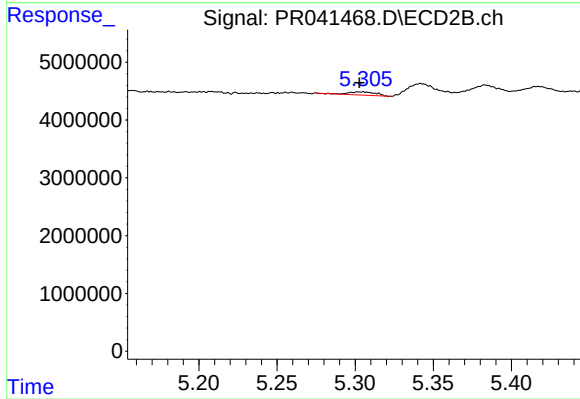
#17 AR-1242-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 1230166
Conc: 7.69 ng/ml



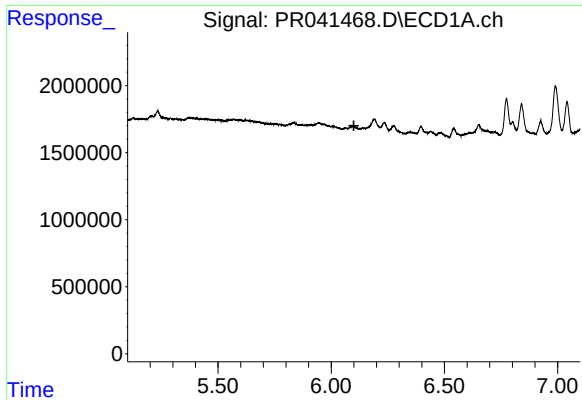
#18 AR-1242-3

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



#18 AR-1242-3

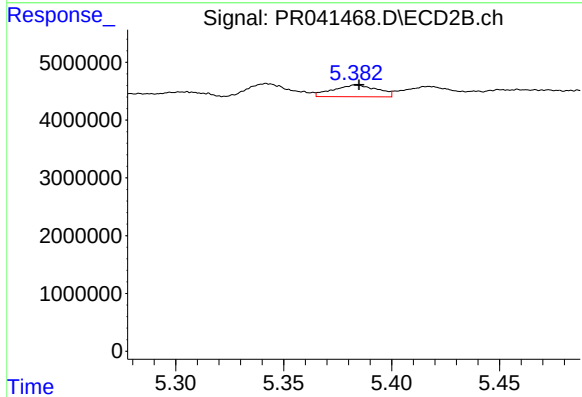
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 677089
Conc: 7.46 ng/ml



#19 AR-1242-4

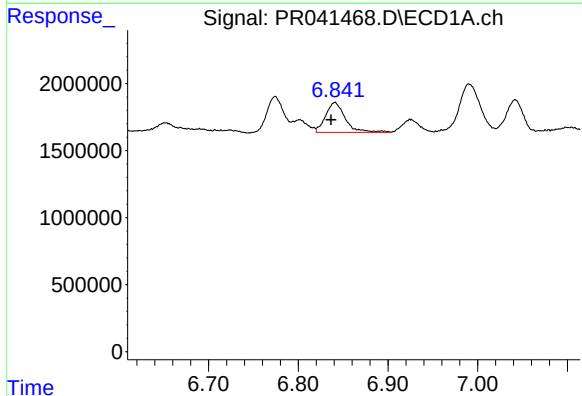
R.T.: 0.000 min
Exp R.T.: 6.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



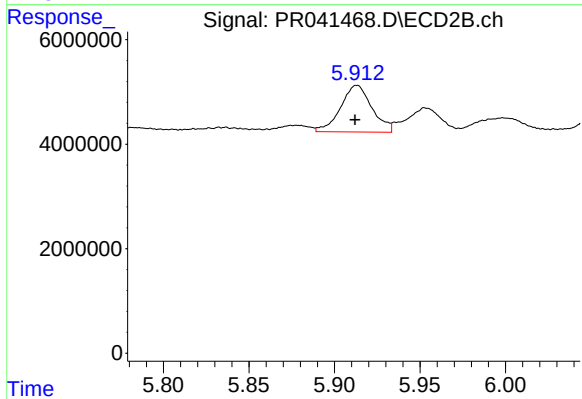
#19 AR-1242-4

R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 2874720
Conc: 30.55 ng/ml



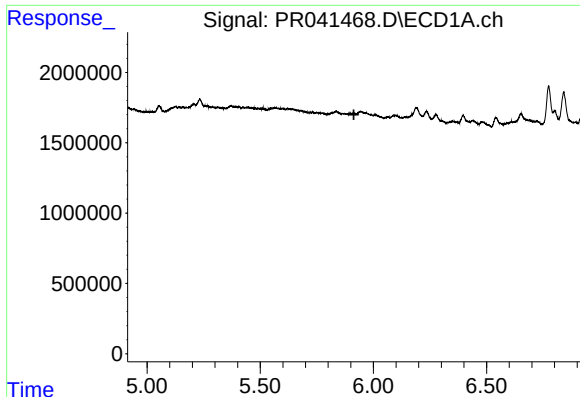
#20 AR-1242-5

R.T.: 6.841 min
Delta R.T.: 0.004 min
Response: 3413199
Conc: 66.59 ng/ml



#20 AR-1242-5

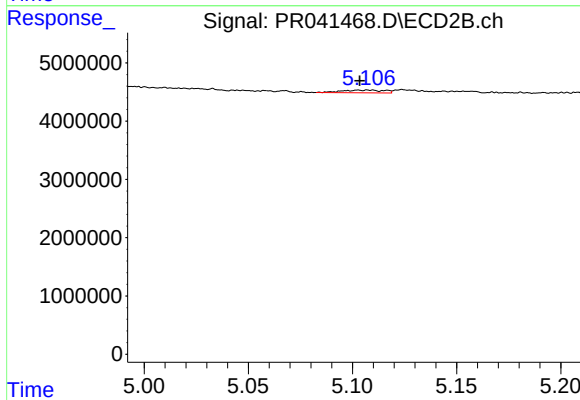
R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 11404411
Conc: 67.23 ng/ml



#21 AR-1248-1

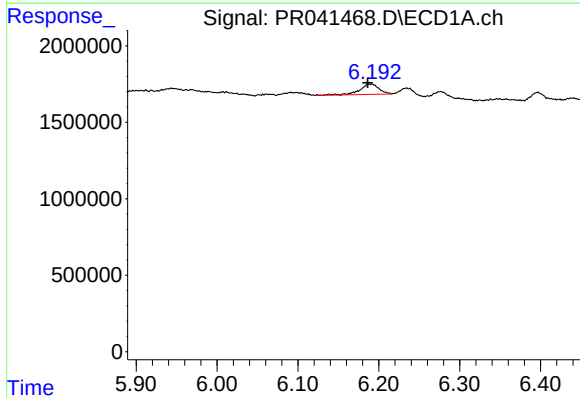
R.T.: 0.000 min
Exp R.T.: 5.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



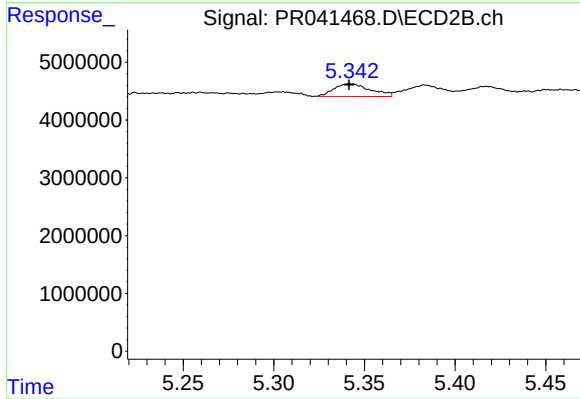
#21 AR-1248-1

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 677030
Conc: 8.03 ng/ml



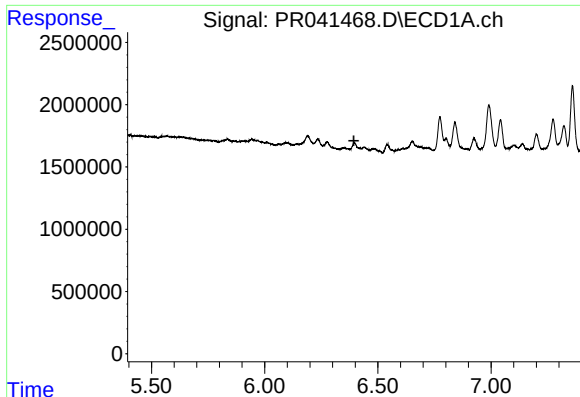
#22 AR-1248-2

R.T.: 6.191 min
Delta R.T.: 0.004 min
Response: 1123439
Conc: 20.40 ng/ml



#22 AR-1248-2

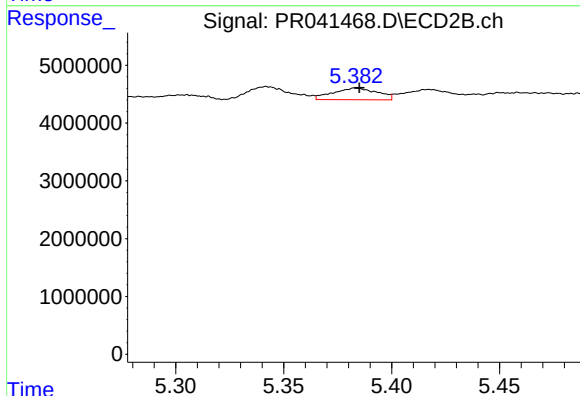
R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 3047330
Conc: 25.05 ng/ml



#23 AR-1248-3

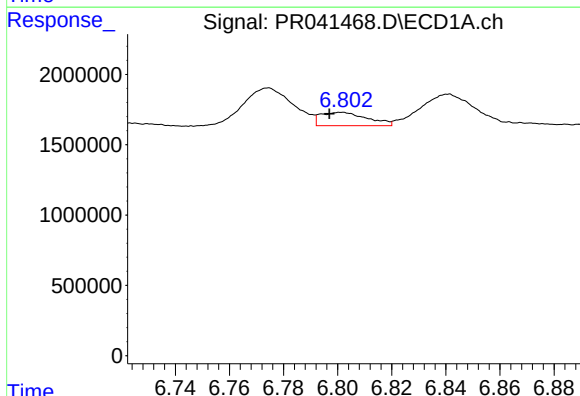
R.T.: 0.000 min
Exp R.T.: 6.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



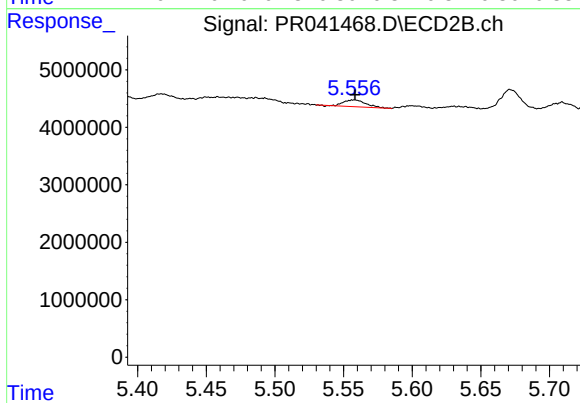
#23 AR-1248-3

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 2874720
Conc: 22.68 ng/ml



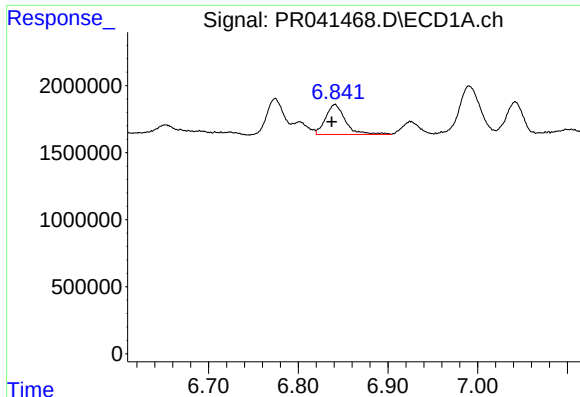
#24 AR-1248-4

R.T.: 6.801 min
Delta R.T.: 0.005 min
Response: 1140733
Conc: 13.37 ng/ml



#24 AR-1248-4

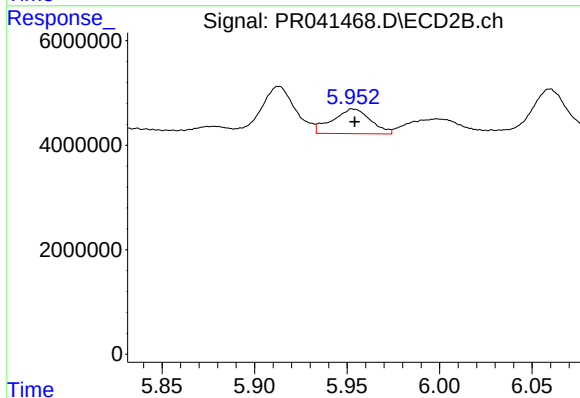
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 1318728
Conc: 7.86 ng/ml



#25 AR-1248-5

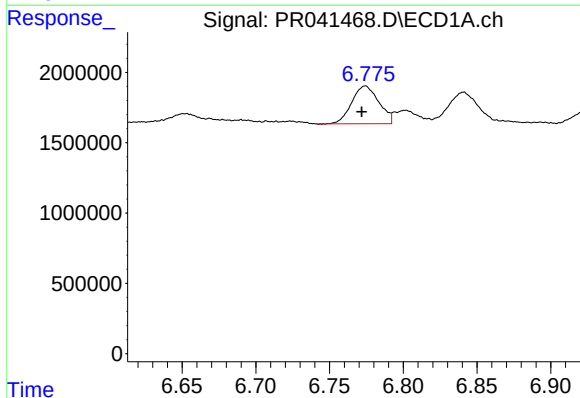
R.T.: 6.841 min
Delta R.T.: 0.004 min
Response: 3413199
Conc: 41.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



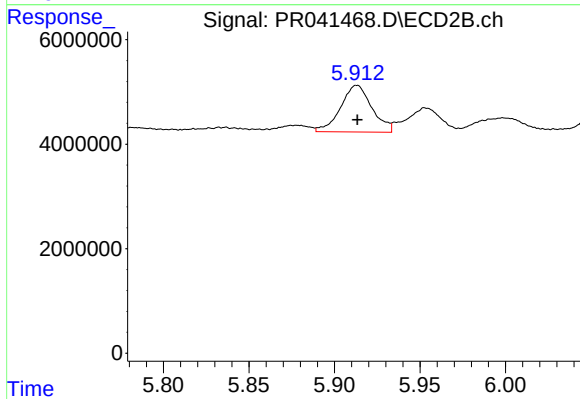
#25 AR-1248-5

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 6803793
Conc: 31.25 ng/ml



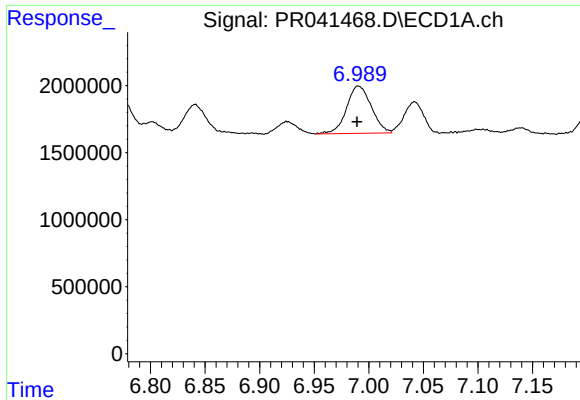
#26 AR-1254-1

R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 3437093
Conc: 41.30 ng/ml



#26 AR-1254-1

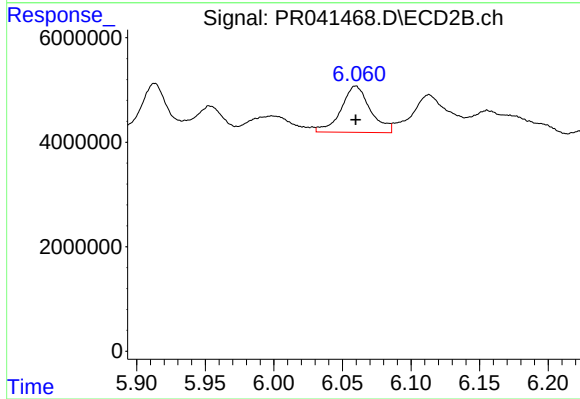
R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 11404411
Conc: 35.17 ng/ml



#27 AR-1254-2

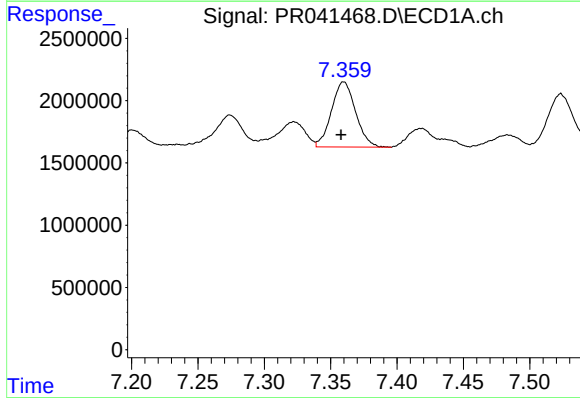
R.T.: 6.990 min
Delta R.T.: 0.001 min
Response: 5582279
Conc: 39.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



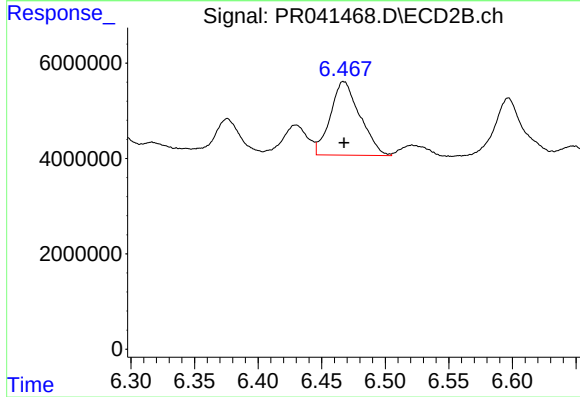
#27 AR-1254-2

R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 13162933
Conc: 43.09 ng/ml



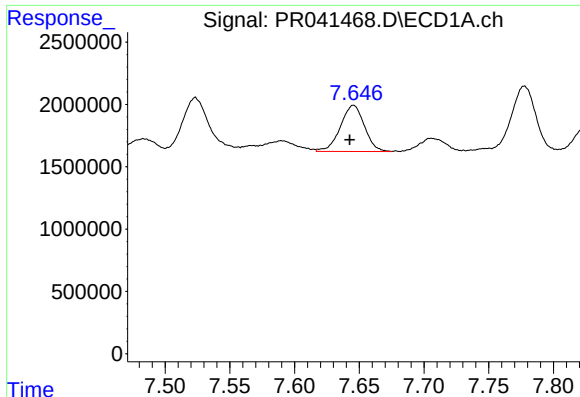
#28 AR-1254-3

R.T.: 7.360 min
Delta R.T.: 0.002 min
Response: 6621520
Conc: 39.08 ng/ml



#28 AR-1254-3

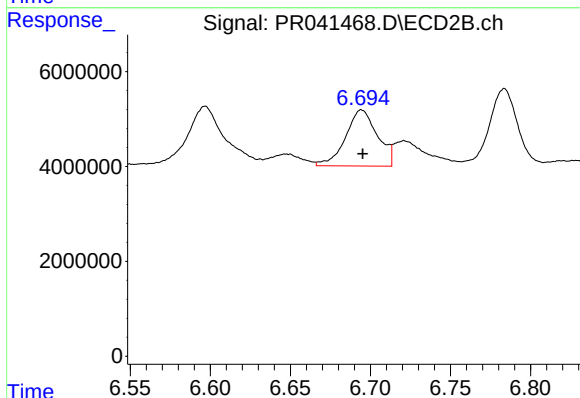
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 25033619
Conc: 44.74 ng/ml



#29 AR-1254-4

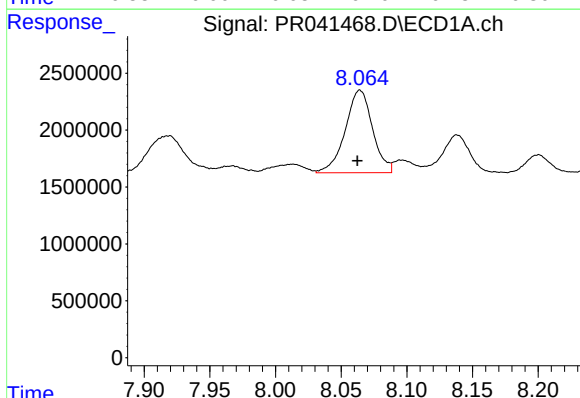
R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 4783874
Conc: 35.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



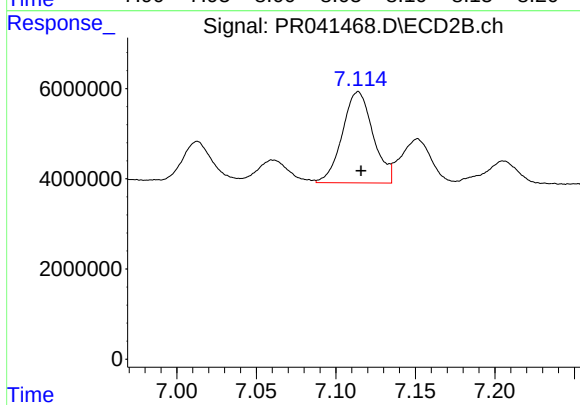
#29 AR-1254-4

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 16379755
Conc: 38.38 ng/ml



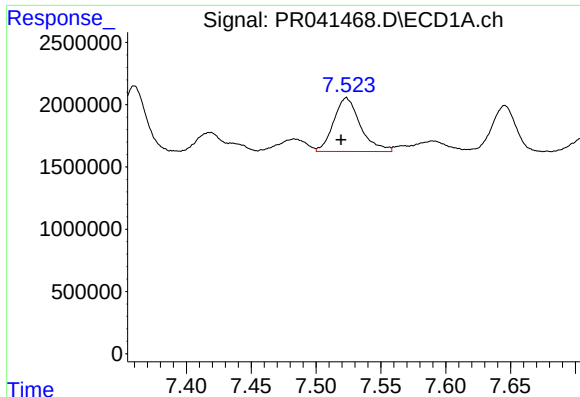
#30 AR-1254-5

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 10504312
Conc: 68.31 ng/ml



#30 AR-1254-5

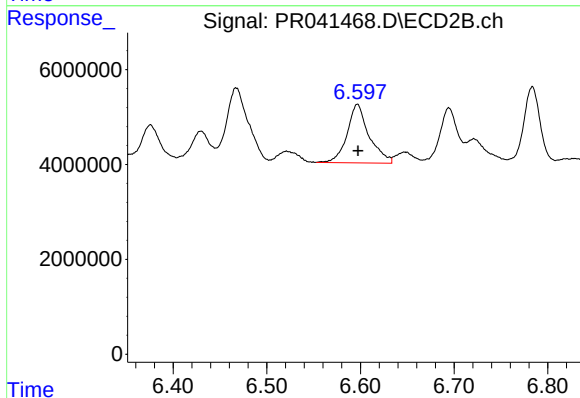
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 27149706
Conc: 46.93 ng/ml



#31 AR-1260-1

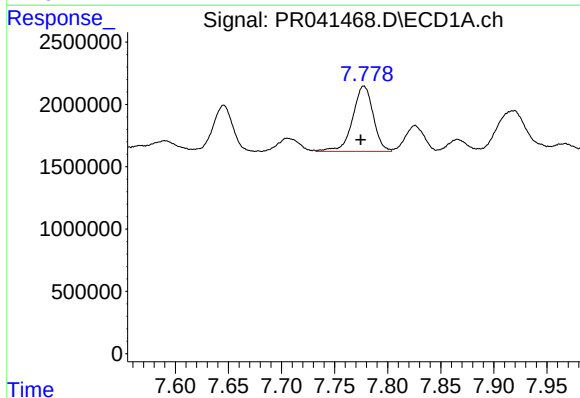
R.T.: 7.523 min
Delta R.T.: 0.004 min
Response: 6180672
Conc: 52.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



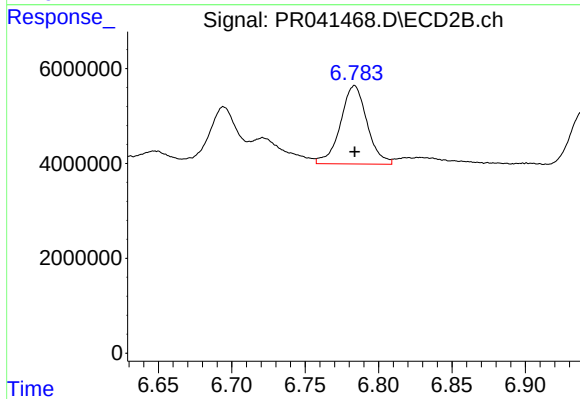
#31 AR-1260-1

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 20143798
Conc: 51.72 ng/ml



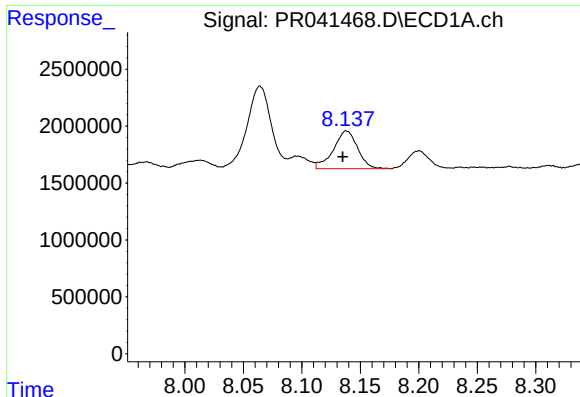
#32 AR-1260-2

R.T.: 7.778 min
Delta R.T.: 0.003 min
Response: 7068416
Conc: 47.90 ng/ml



#32 AR-1260-2

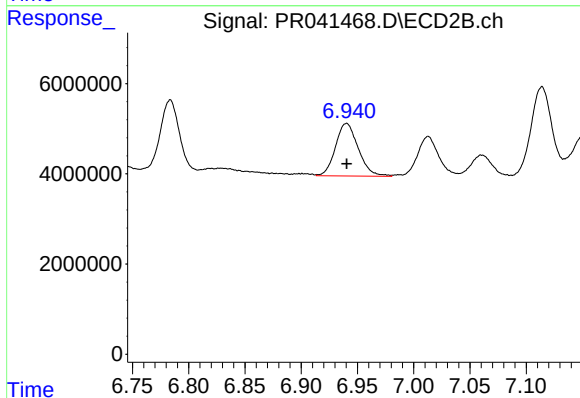
R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 20813016
Conc: 38.61 ng/ml



#33 AR-1260-3

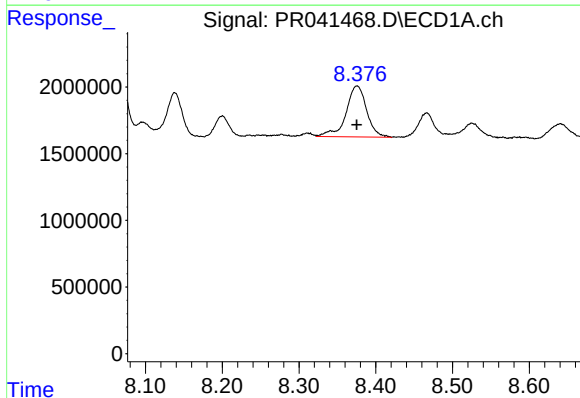
R.T.: 8.138 min
Delta R.T.: 0.003 min
Response: 4800834
Conc: 41.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



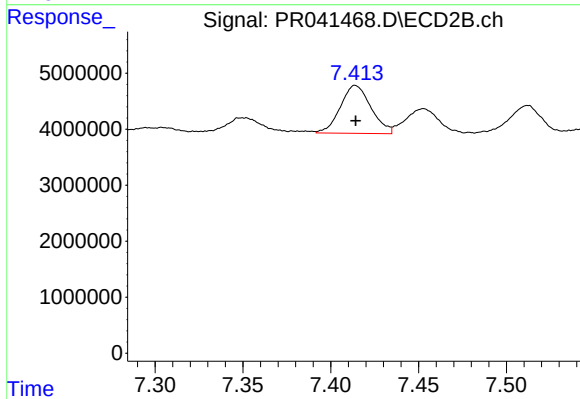
#33 AR-1260-3

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 16474829
Conc: 35.27 ng/ml



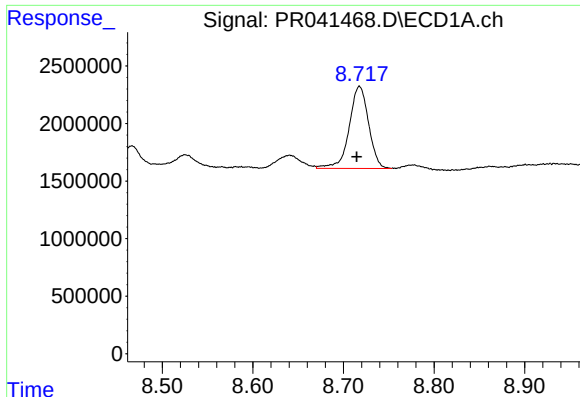
#34 AR-1260-4

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 7123663
Conc: 49.89 ng/ml



#34 AR-1260-4

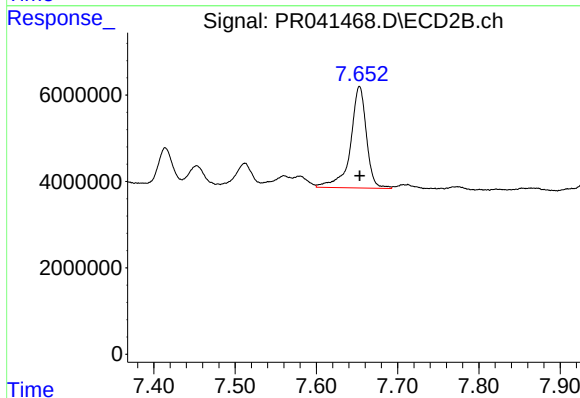
R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 10400221
Conc: 24.54 ng/ml



#35 AR-1260-5

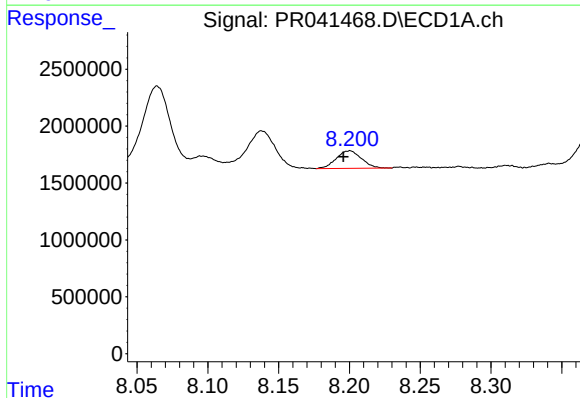
R.T.: 8.718 min
Delta R.T.: 0.003 min
Response: 10596125
Conc: 34.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



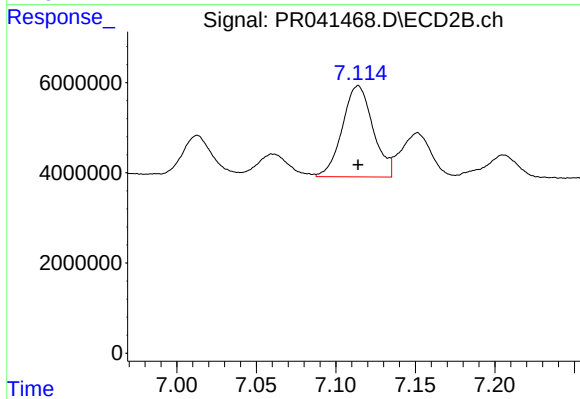
#35 AR-1260-5

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 32135948
Conc: 26.38 ng/ml



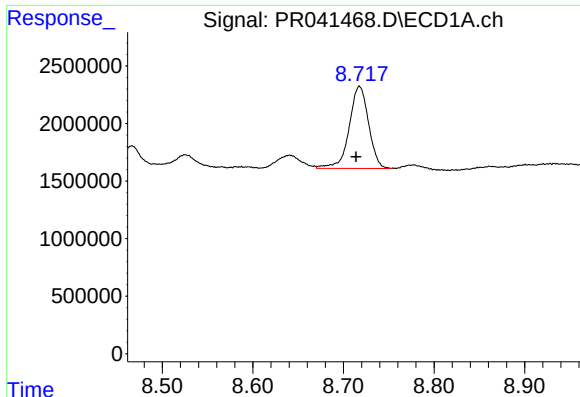
#36 AR-1262-1

R.T.: 8.200 min
Delta R.T.: 0.005 min
Response: 1921133
Conc: 24.94 ng/ml



#36 AR-1262-1

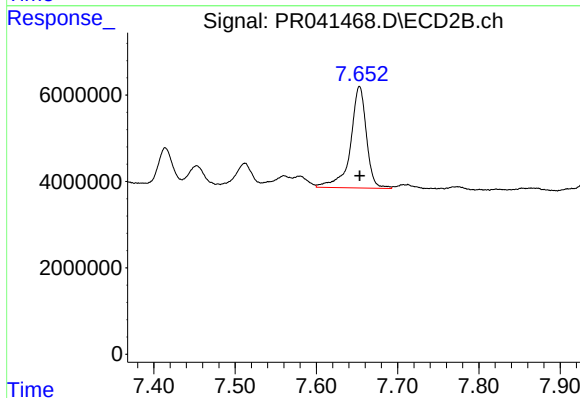
R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 27149706
Conc: 81.12 ng/ml



#37 AR-1262-2

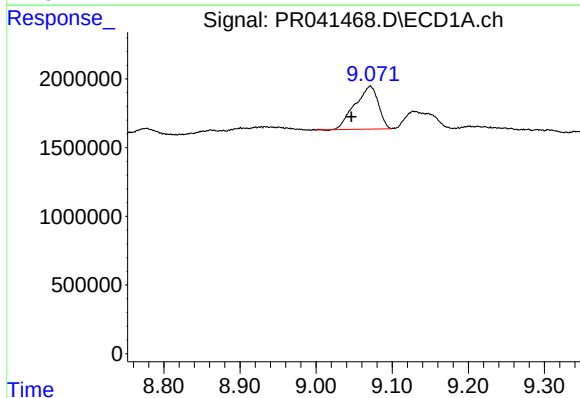
R.T.: 8.718 min
Delta R.T.: 0.004 min
Response: 10596125
Conc: 27.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



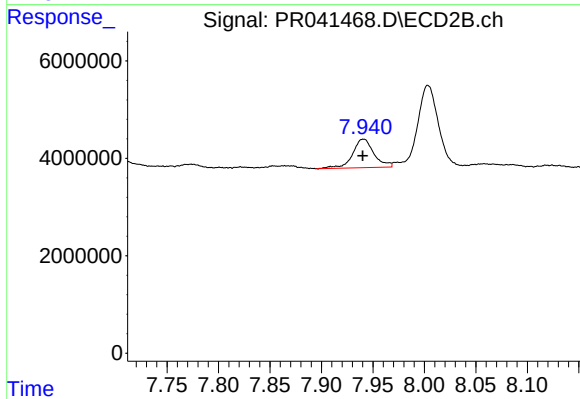
#37 AR-1262-2

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 32135948
Conc: 23.27 ng/ml



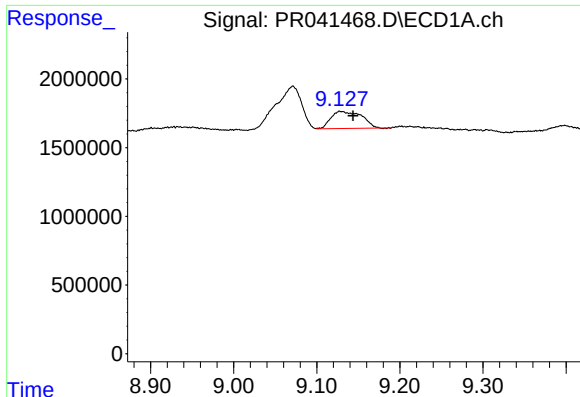
#38 AR-1262-3

R.T.: 9.071 min
Delta R.T.: 0.025 min
Response: 6682521
Conc: 25.34 ng/ml



#38 AR-1262-3

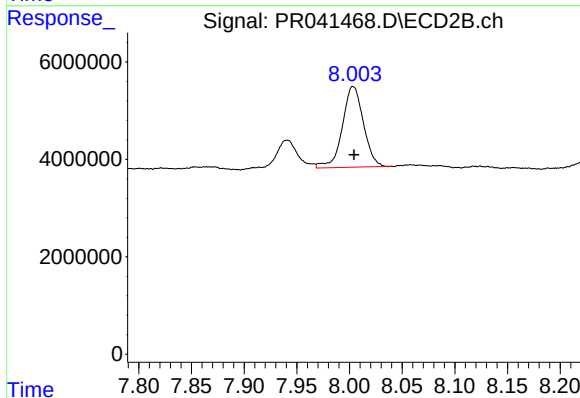
R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 8428139
Conc: 14.74 ng/ml



#39 AR-1262-4

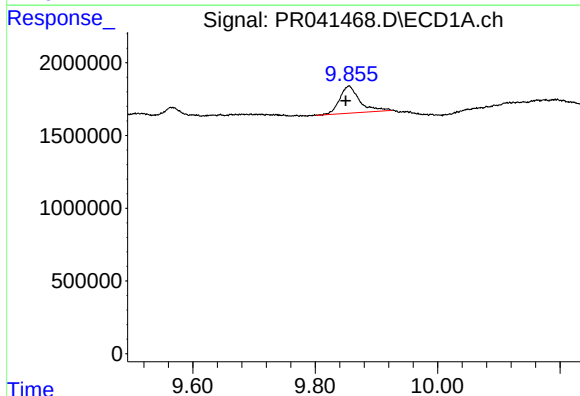
R.T.: 9.128 min
Delta R.T.: -0.016 min
Response: 3173686
Conc: 16.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



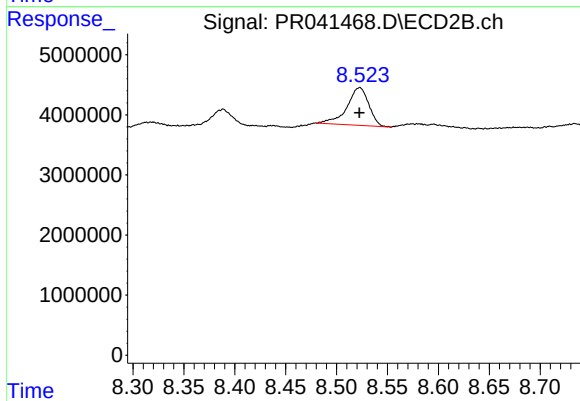
#39 AR-1262-4

R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 23058584
Conc: 22.75 ng/ml



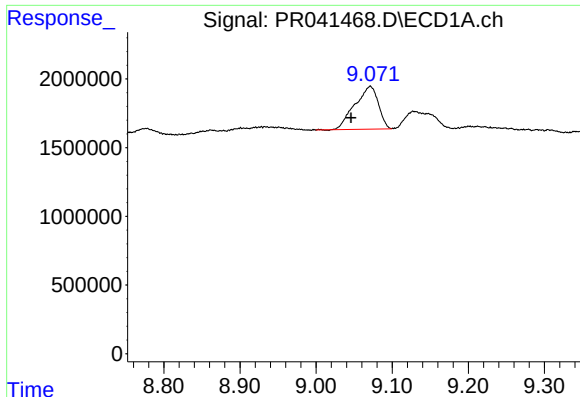
#40 AR-1262-5

R.T.: 9.855 min
Delta R.T.: 0.005 min
Response: 4234144
Conc: 27.04 ng/ml



#40 AR-1262-5

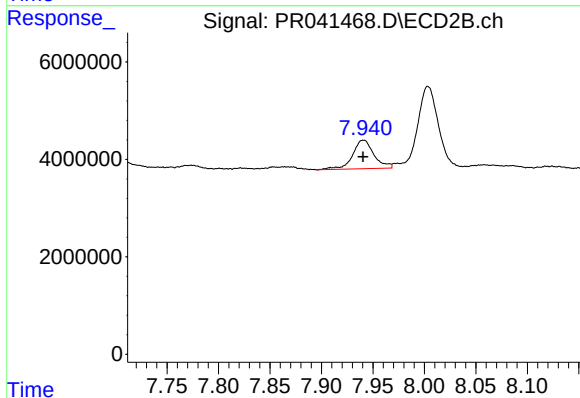
R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 9401821
Conc: 16.80 ng/ml



#41 AR-1268-1

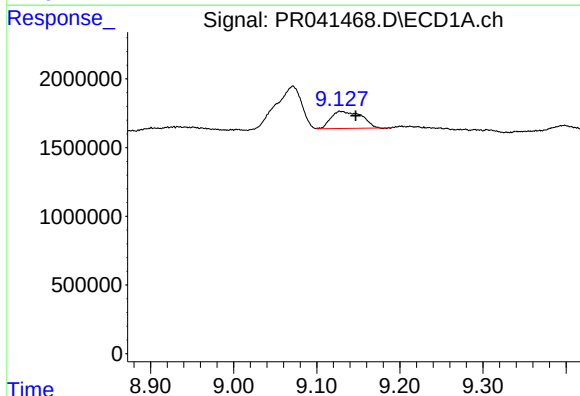
R.T.: 9.071 min
Delta R.T.: 0.025 min
Response: 6682521
Conc: 13.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



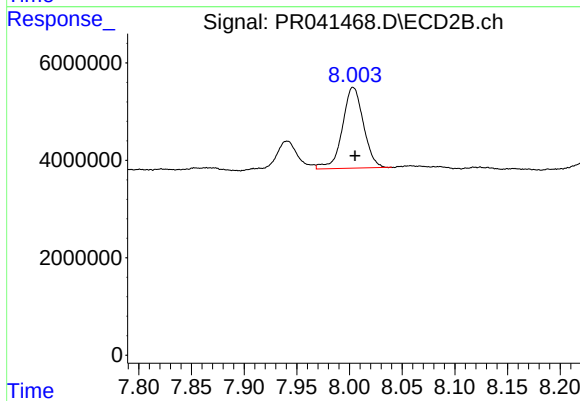
#41 AR-1268-1

R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 8428139
Conc: 4.98 ng/ml



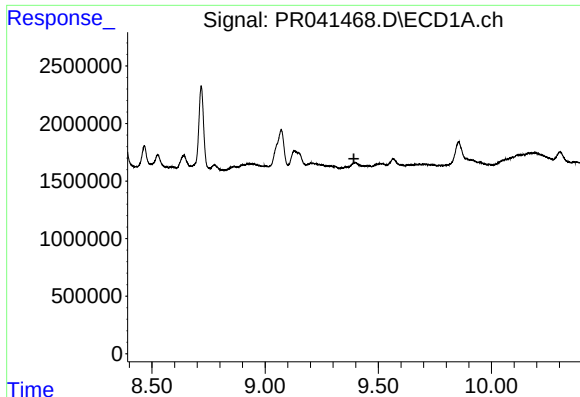
#42 AR-1268-2

R.T.: 9.128 min
Delta R.T.: -0.019 min
Response: 3173686
Conc: 7.18 ng/ml



#42 AR-1268-2

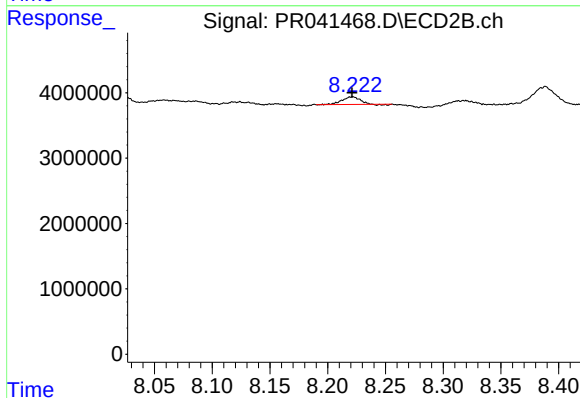
R.T.: 8.004 min
Delta R.T.: -0.002 min
Response: 23058584
Conc: 14.74 ng/ml



#43 AR-1268-3

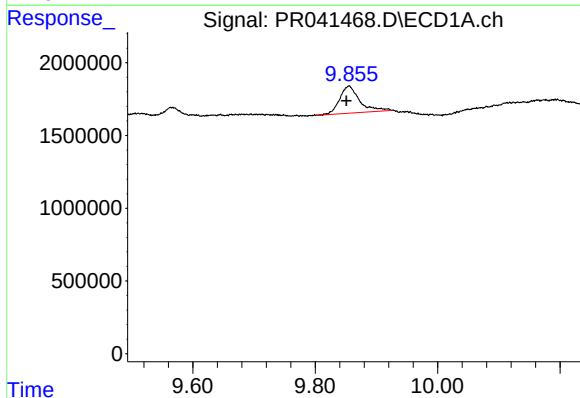
R.T.: 0.000 min
Exp R.T.: 9.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



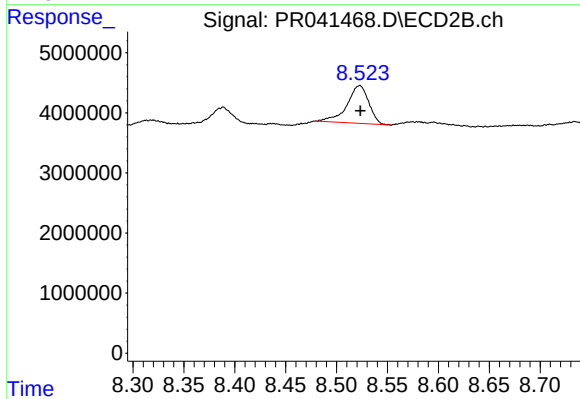
#43 AR-1268-3

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 1204357
Conc: 0.91 ng/ml



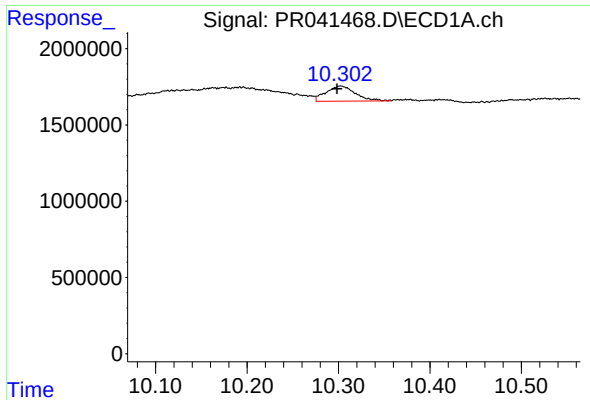
#44 AR-1268-4

R.T.: 9.855 min
Delta R.T.: 0.004 min
Response: 4234144
Conc: 24.18 ng/ml



#44 AR-1268-4

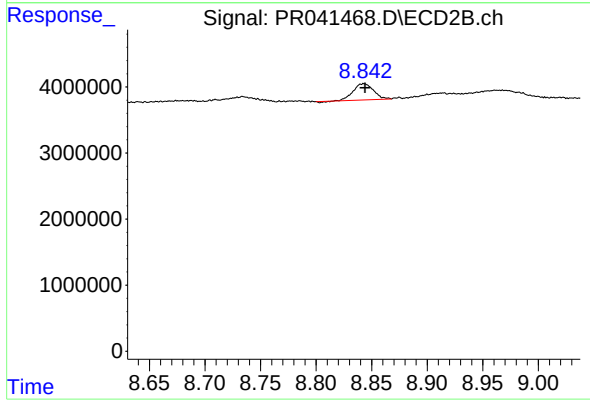
R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 9401821
Conc: 15.67 ng/ml



#45 AR-1268-5

R.T.: 10.302 min
Delta R.T.: 0.004 min
Response: 2186663
Conc: 1.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



#45 AR-1268-5

R.T.: 8.843 min
Delta R.T.: -0.001 min
Response: 3083547
Conc: 0.70 ng/ml