

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122122\
 Data File : PR058603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2022 16:47
 Operator : YP\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 21:33:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 15 03:47:13 2022
 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...	3.693	2.914	64117161	71453333	21.257	21.499
2)	SA Decachlor...	9.660	8.157	78277232	115.3E6	42.732	42.263
Target Compounds							
3)	L1 AR-1016-1	4.925	4.027	29037339	37300934	345.434	339.253
4)	L1 AR-1016-2	4.948	4.045	39941112	51990196	349.096	343.282
5)	L1 AR-1016-3	5.012	4.223	25976564	27824172	349.221	342.831
6)	L1 AR-1016-4	5.115	4.274	20986855	21702958	347.518	347.266
7)	L1 AR-1016-5	5.434	4.490	20778918	29329411	355.826	347.299
8)	L2 AR-1221-1	3.911	3.138	4272462	4049813	111.510	106.506
9)	L2 AR-1221-2	4.005	3.224	5506912	5409505	203.454	198.401
10)	L2 AR-1221-3	4.083	3.301	19641301	20815050	240.111	231.736
11)	L3 AR-1232-1	4.083	3.301	19641301	20815050	284.234	277.753
12)	L3 AR-1232-2	4.638	4.045	22602957	51990196	713.407	729.835
13)	L3 AR-1232-3	4.948	4.223	39941112	27824172	703.298	739.592
14)	L3 AR-1232-4	5.115	4.315	20986855	26764090	707.504	812.225
15)	L3 AR-1232-5	5.220	4.490	16539847	29329411	757.531	768.630
16)	L4 AR-1242-1	4.925	4.027	29037339	37300934	385.791	382.910
17)	L4 AR-1242-2	4.948	4.045	39941112	51990196	390.418	388.715
18)	L4 AR-1242-3	5.012	4.223	25976564	27824172	388.880	387.370
19)	L4 AR-1242-4	5.115	4.315	20986855	26764090	389.339	393.060
20)	L4 AR-1242-5	5.910	4.859	19881479	34099487	377.397	381.834
21)	L5 AR-1248-1	4.925	4.027	29037339	37300934	498.599	502.259
22)	L5 AR-1248-2	5.220	4.274	16539847	21702958	227.087	217.407
23)	L5 AR-1248-3	5.434	4.315	20778918	26764090	246.690	262.969
24)	L5 AR-1248-4	5.871	4.490	18773077	29329411	206.576	234.050
25)	L5 AR-1248-5	5.910	4.900	19881479	28474884	225.307	226.143
26)	L6 AR-1254-1	5.839	4.859	15306110	34099487	177.484	189.655
27)	L6 AR-1254-2	6.080	5.017	17568287	6591032	135.326	42.832 #
28)	L6 AR-1254-3	6.473	5.437	7227771	12198448	53.024	47.937
29)	L6 AR-1254-4	6.789	5.682	5346477	8438811	52.150	52.937
30)	L6 AR-1254-5	7.247	6.127	1594968	3166722	14.303	13.919
31)	L7 AR-1260-1	6.656	5.586	964840	5112972	9.267	29.696 #
32)	L7 AR-1260-2	6.938	5.781	797711	1043950	6.441	4.966
33)	L7 AR-1260-3	7.309	5.938	118438	2204950	1.263	11.086 #
34)	L7 AR-1260-4	7.555	6.448	781799	177321	7.254	1.068 #
35)	L7 AR-1260-5	7.916	6.709	241205	325498	1.161	0.825 #
36)	L8 AR-1262-1	7.309	6.181	118438	53913	0.866	0.224 #
37)	L8 AR-1262-2	7.916	6.448	241205	177321	1.000	0.810
38)	L8 AR-1262-3	8.240	7.005	281594	238187	1.663	1.399
39)	L8 AR-1262-4	8.312	7.078	43879	415621	0.544	1.276 #
40)	L8 AR-1262-5	8.952	7.617	309802	217766	3.293	1.471 #
41)	L9 AR-1268-1	8.240	7.005	281594	238187	1.002	0.475 #

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Instrument :
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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	8.312	7.078	43879	415621	0.173	0.918 #
43) L9	AR-1268-3	8.531	7.305	242388	423451	1.106	1.107
44) L9	AR-1268-4	8.952	7.617	309802	217766	3.074	1.357 #
45) L9	AR-1268-5	9.344	7.914	949327	898045	1.340	0.742 #

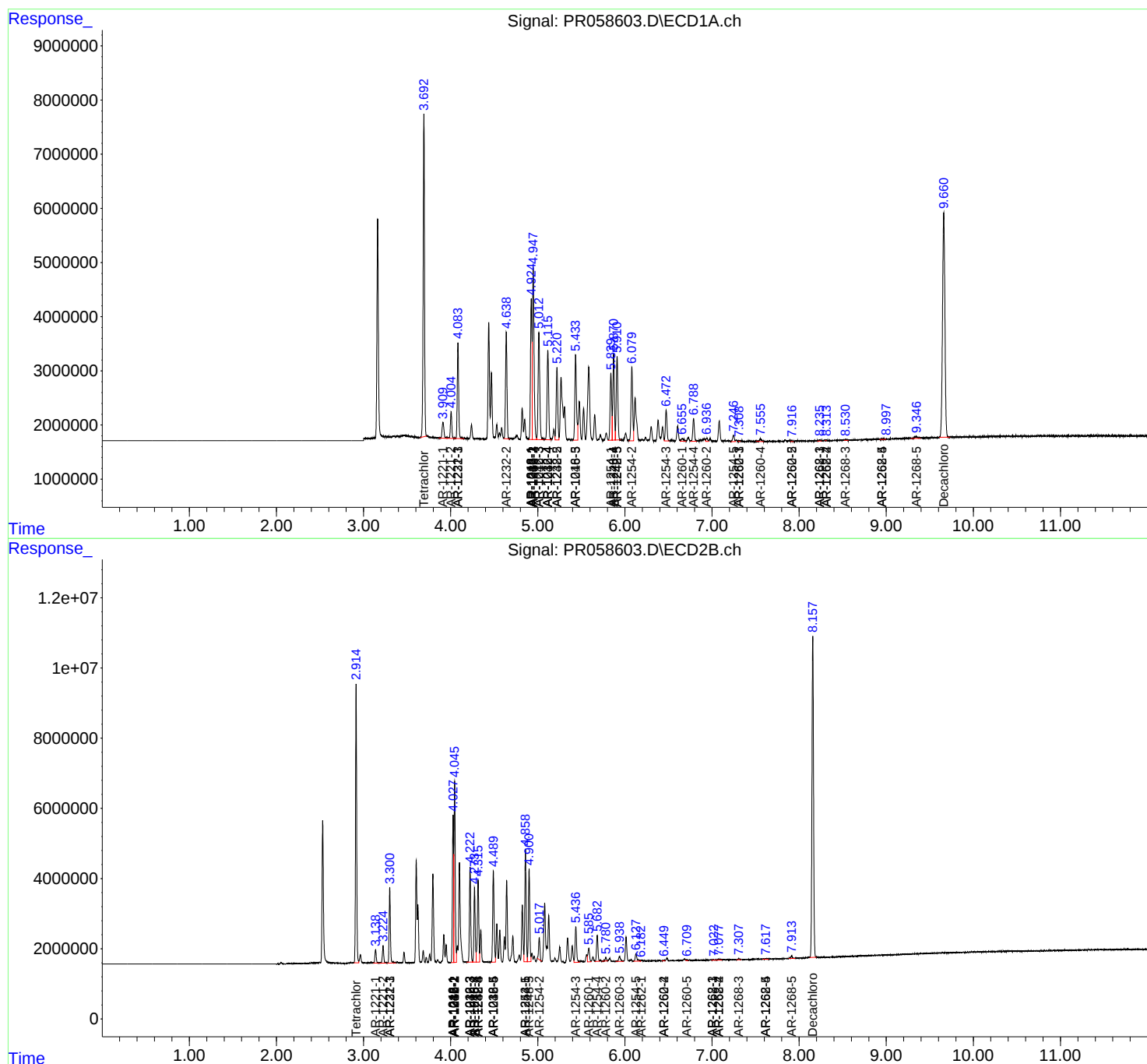
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

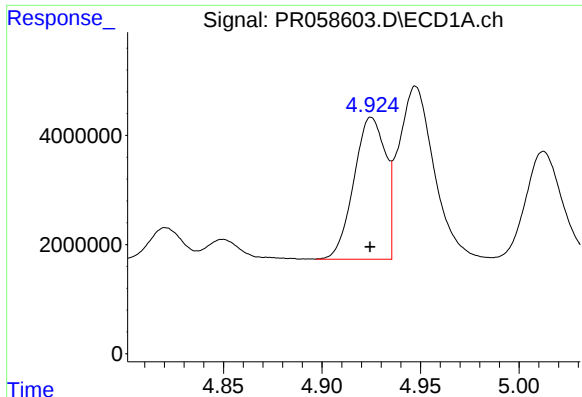
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122122\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

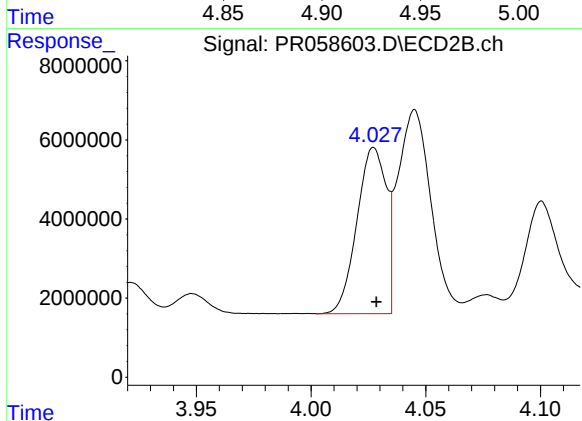




#3 AR-1016-1

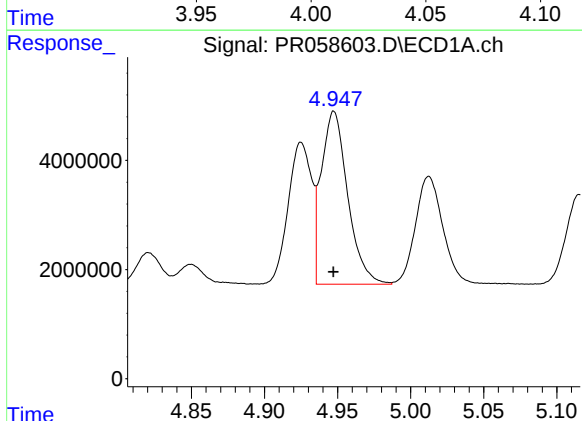
R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 29037339
Conc: 345.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



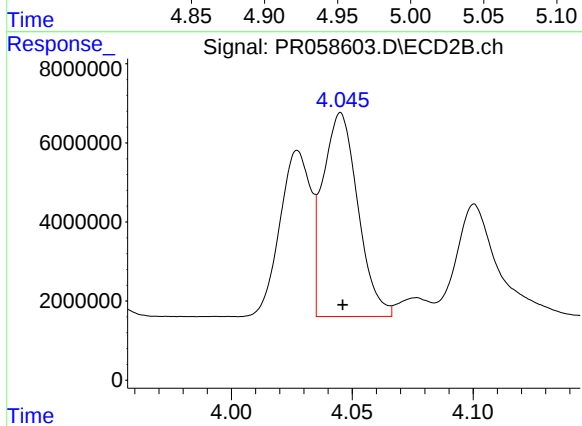
#3 AR-1016-1

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 37300934
Conc: 339.25 ng/ml



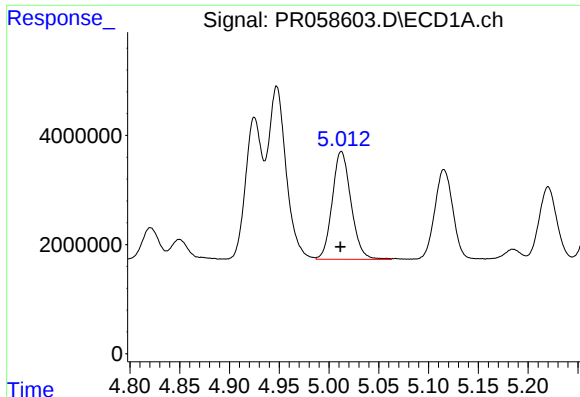
#4 AR-1016-2

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 39941112
Conc: 349.10 ng/ml



#4 AR-1016-2

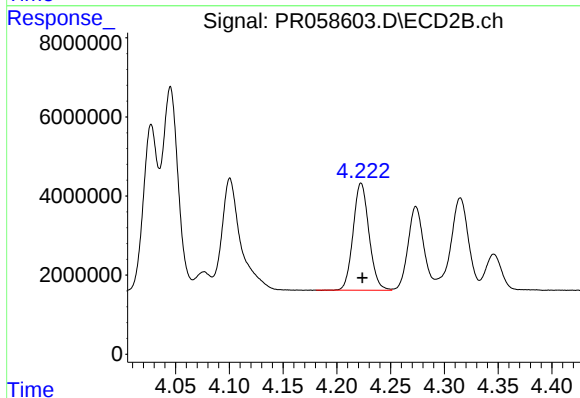
R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 51990196
Conc: 343.28 ng/ml



#5 AR-1016-3

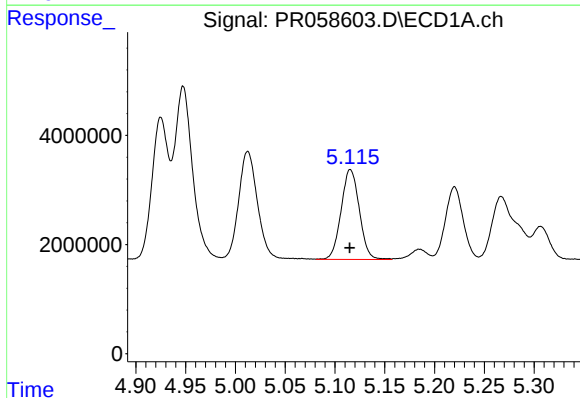
R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 25976564
Conc: 349.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



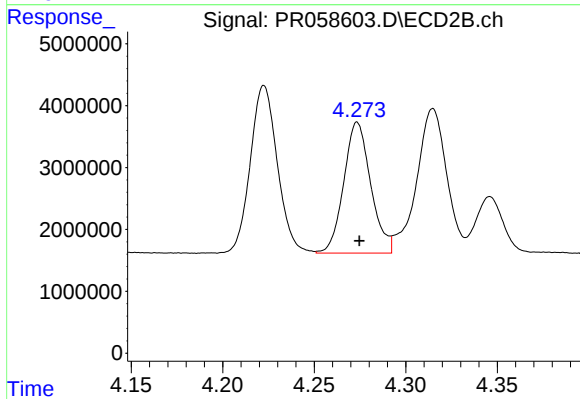
#5 AR-1016-3

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 27824172
Conc: 342.83 ng/ml



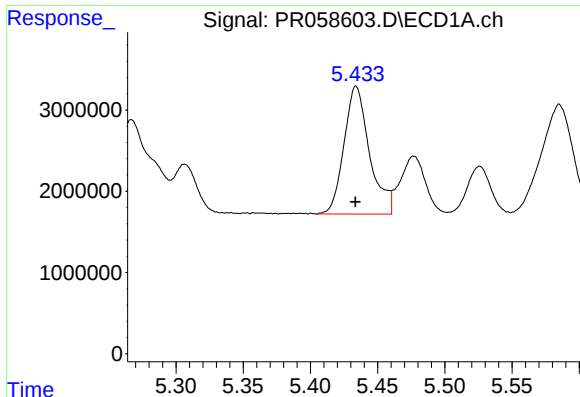
#6 AR-1016-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 20986855
Conc: 347.52 ng/ml



#6 AR-1016-4

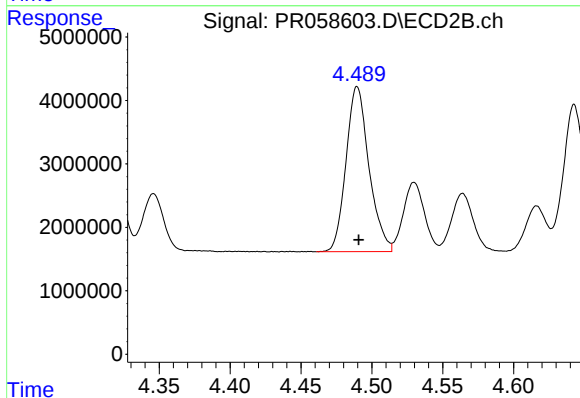
R.T.: 4.274 min
Delta R.T.: -0.001 min
Response: 21702958
Conc: 347.27 ng/ml



#7 AR-1016-5

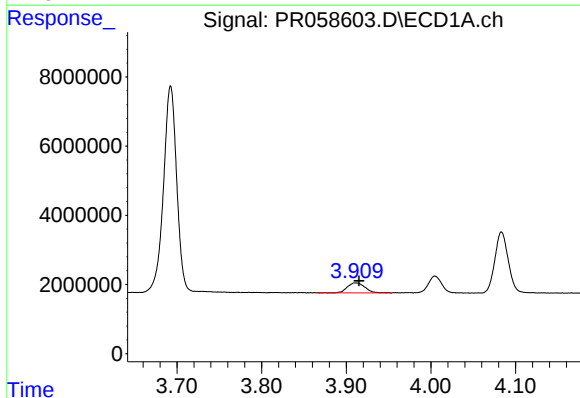
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 20778918
Conc: 355.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



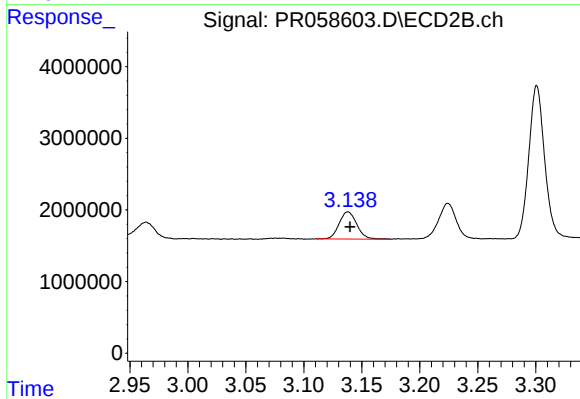
#7 AR-1016-5

R.T.: 4.490 min
Delta R.T.: -0.001 min
Response: 29329411
Conc: 347.30 ng/ml



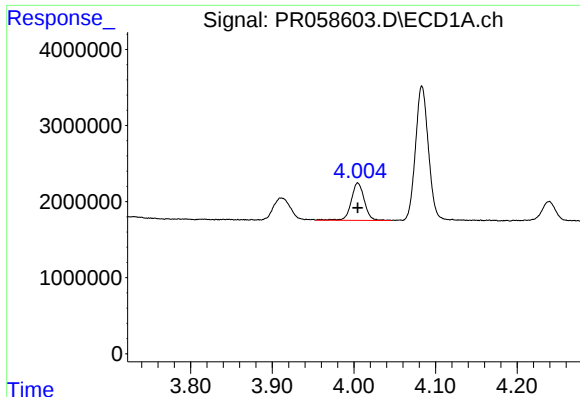
#8 AR-1221-1

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 4272462
Conc: 111.51 ng/ml



#8 AR-1221-1

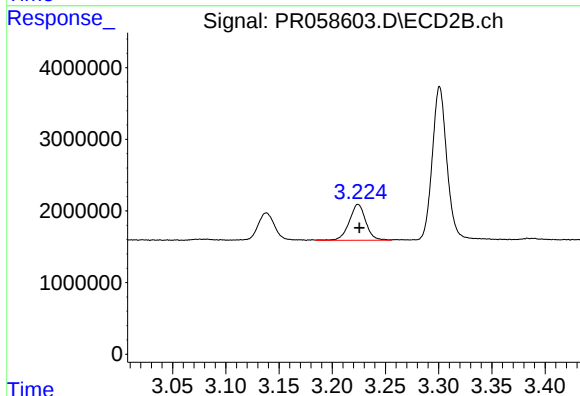
R.T.: 3.138 min
Delta R.T.: -0.002 min
Response: 4049813
Conc: 106.51 ng/ml



#9 AR-1221-2

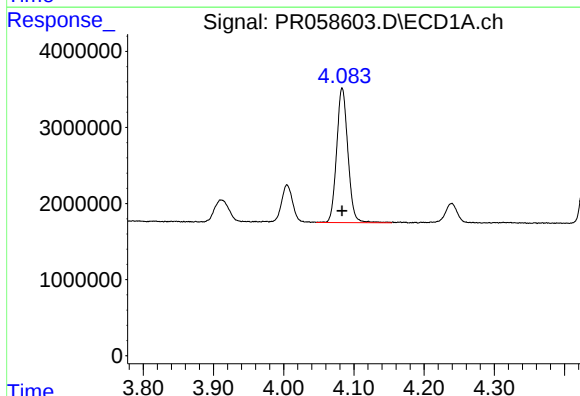
R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 5506912
Conc: 203.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



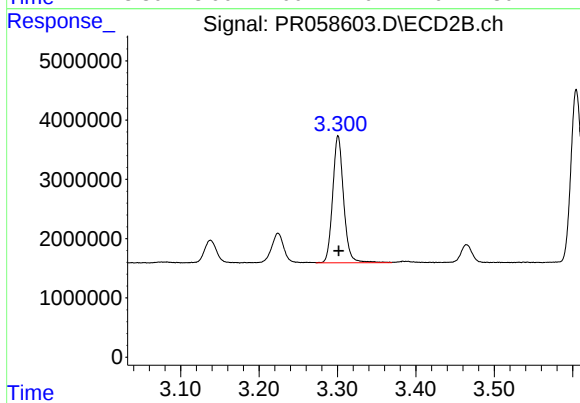
#9 AR-1221-2

R.T.: 3.224 min
Delta R.T.: -0.001 min
Response: 5409505
Conc: 198.40 ng/ml



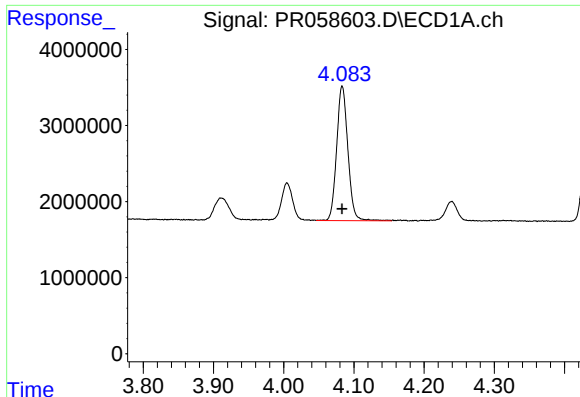
#10 AR-1221-3

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 19641301
Conc: 240.11 ng/ml



#10 AR-1221-3

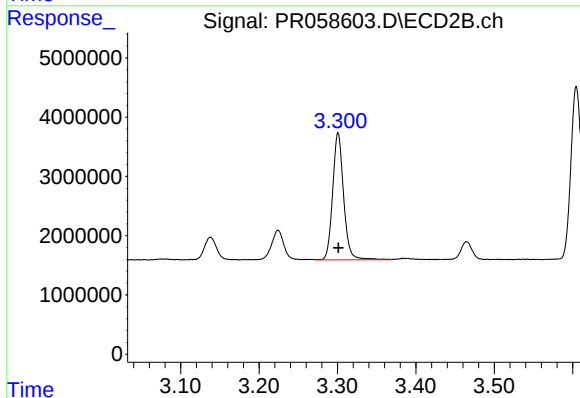
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 20815050
Conc: 231.74 ng/ml



#11 AR-1232-1

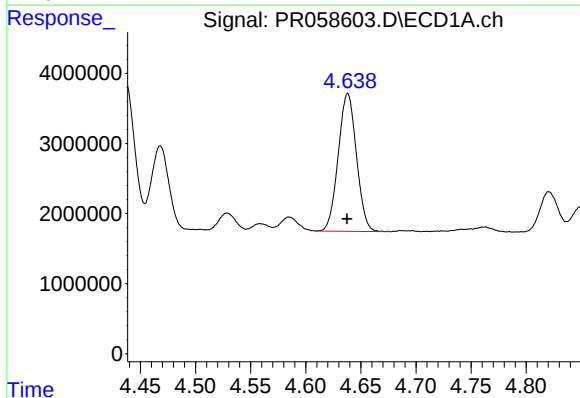
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 19641301
Conc: 284.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



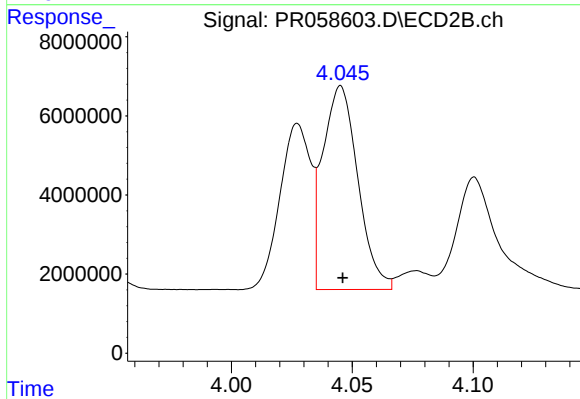
#11 AR-1232-1

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 20815050
Conc: 277.75 ng/ml



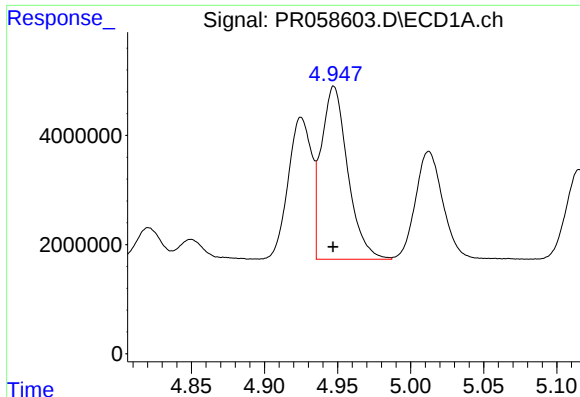
#12 AR-1232-2

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 22602957
Conc: 713.41 ng/ml



#12 AR-1232-2

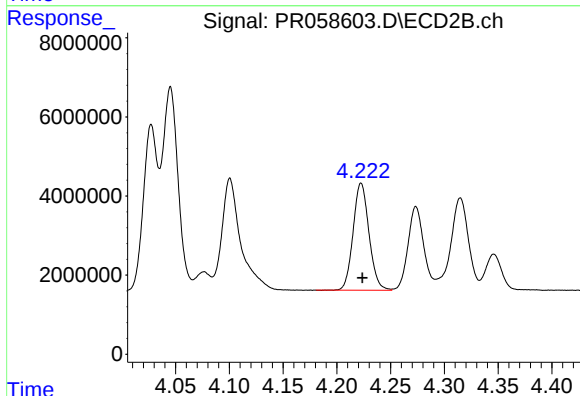
R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 51990196
Conc: 729.84 ng/ml



#13 AR-1232-3

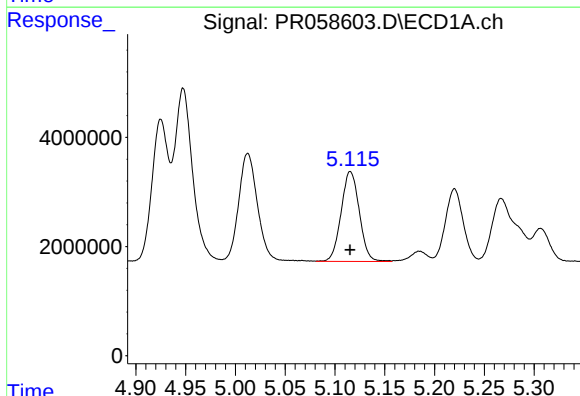
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 39941112
Conc: 703.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



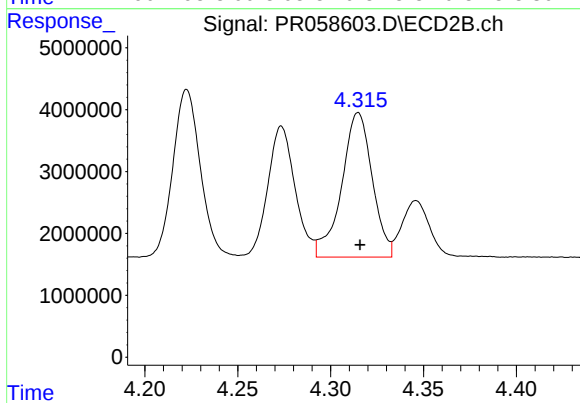
#13 AR-1232-3

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 27824172
Conc: 739.59 ng/ml



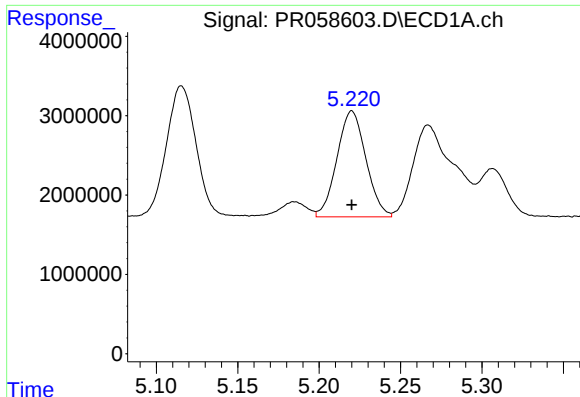
#14 AR-1232-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 20986855
Conc: 707.50 ng/ml



#14 AR-1232-4

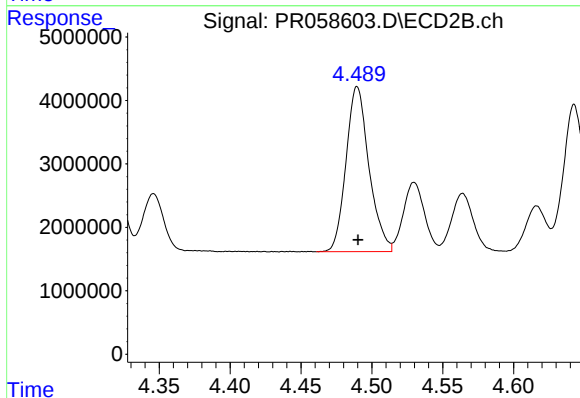
R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 26764090
Conc: 812.22 ng/ml



#15 AR-1232-5

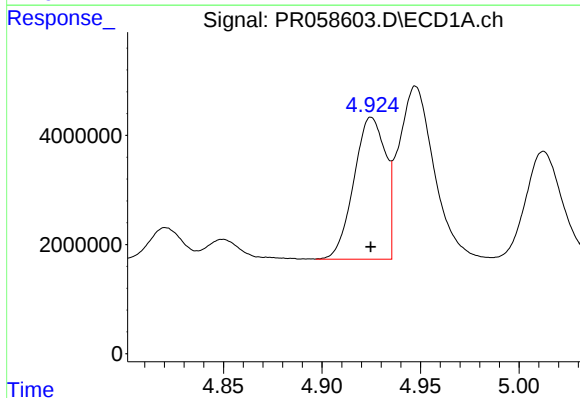
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 16539847
Conc: 757.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



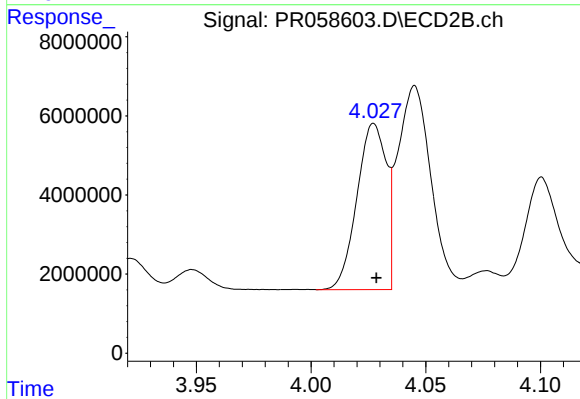
#15 AR-1232-5

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 29329411
Conc: 768.63 ng/ml



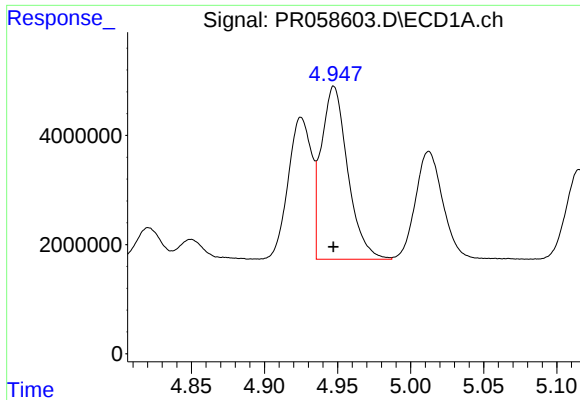
#16 AR-1242-1

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 29037339
Conc: 385.79 ng/ml



#16 AR-1242-1

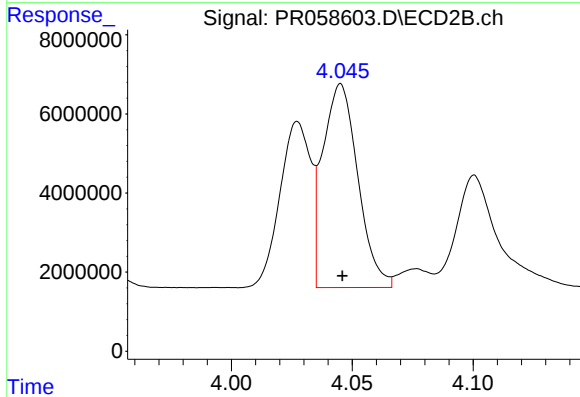
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 37300934
Conc: 382.91 ng/ml



#17 AR-1242-2

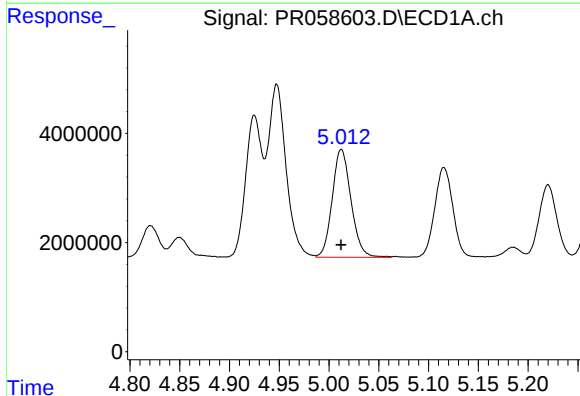
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 39941112
Conc: 390.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



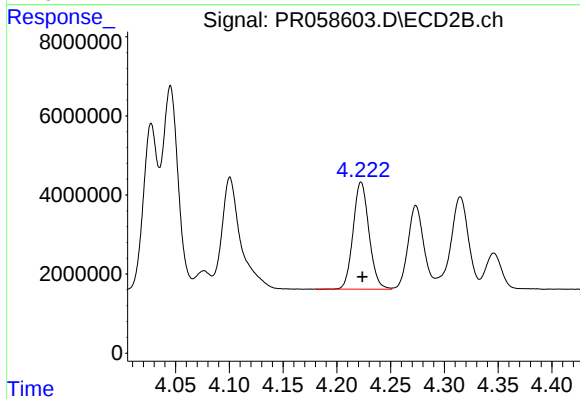
#17 AR-1242-2

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 51990196
Conc: 388.72 ng/ml



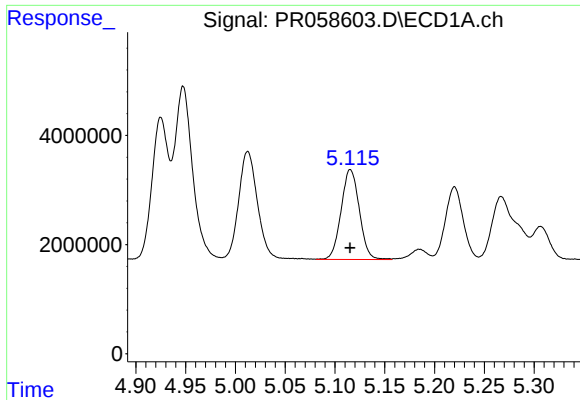
#18 AR-1242-3

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 25976564
Conc: 388.88 ng/ml



#18 AR-1242-3

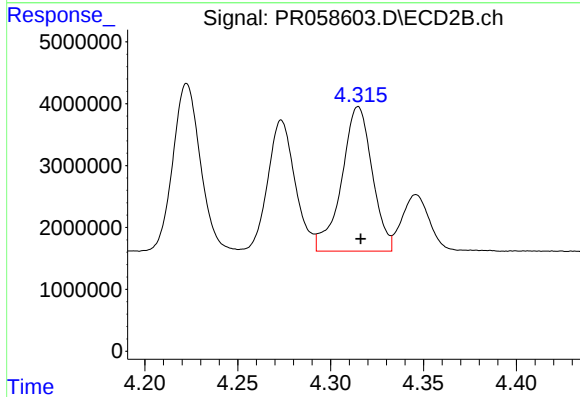
R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 27824172
Conc: 387.37 ng/ml



#19 AR-1242-4

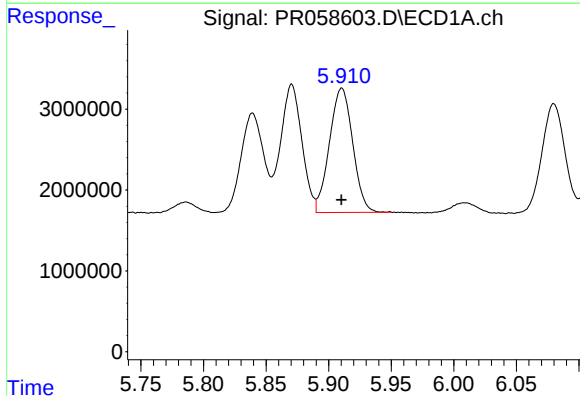
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 20986855
Conc: 389.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



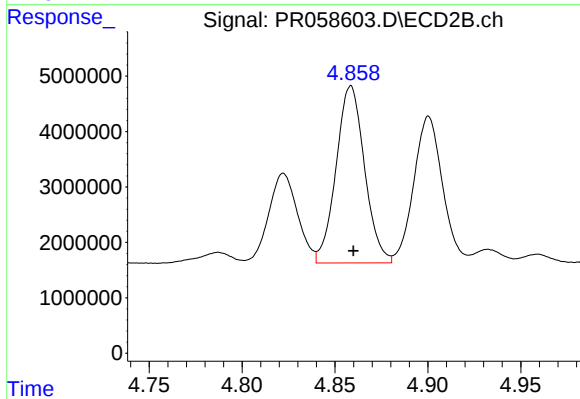
#19 AR-1242-4

R.T.: 4.315 min
Delta R.T.: -0.001 min
Response: 26764090
Conc: 393.06 ng/ml



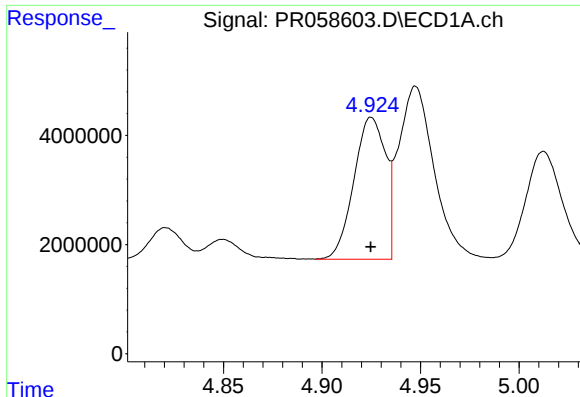
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 19881479
Conc: 377.40 ng/ml



#20 AR-1242-5

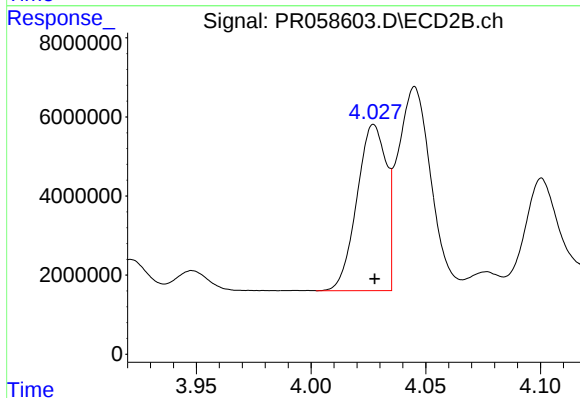
R.T.: 4.859 min
Delta R.T.: -0.001 min
Response: 34099487
Conc: 381.83 ng/ml



#21 AR-1248-1

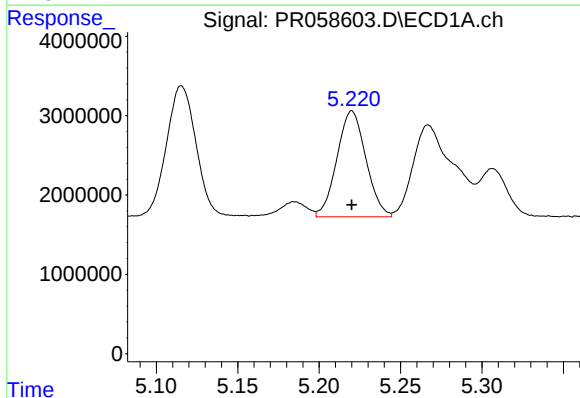
R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 29037339
Conc: 498.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



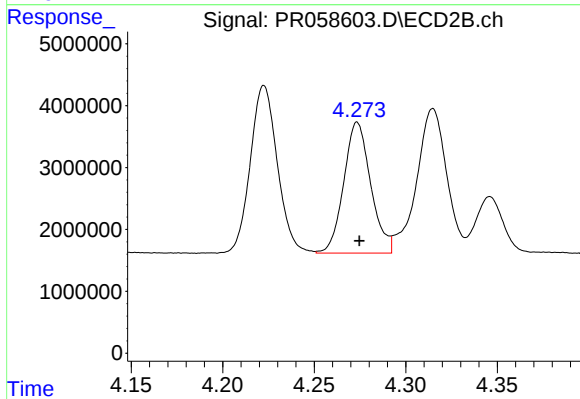
#21 AR-1248-1

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 37300934
Conc: 502.26 ng/ml



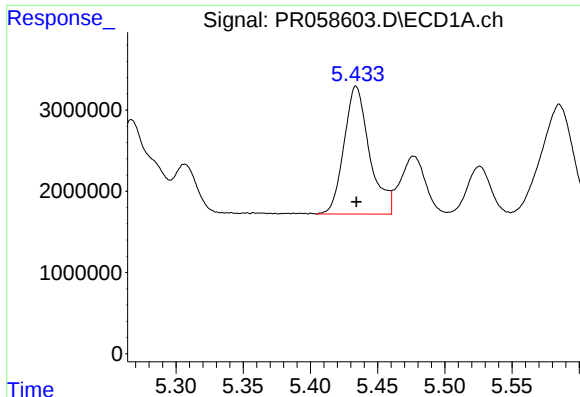
#22 AR-1248-2

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 16539847
Conc: 227.09 ng/ml



#22 AR-1248-2

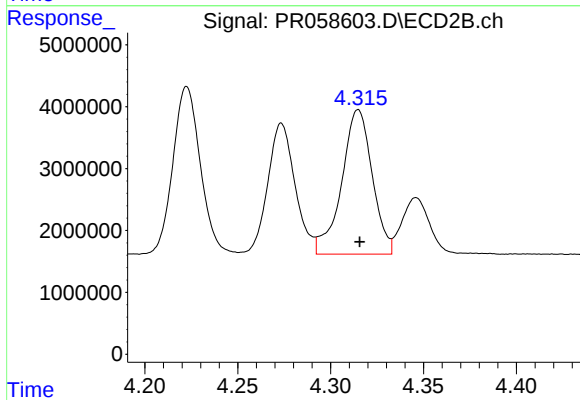
R.T.: 4.274 min
Delta R.T.: -0.001 min
Response: 21702958
Conc: 217.41 ng/ml



#23 AR-1248-3

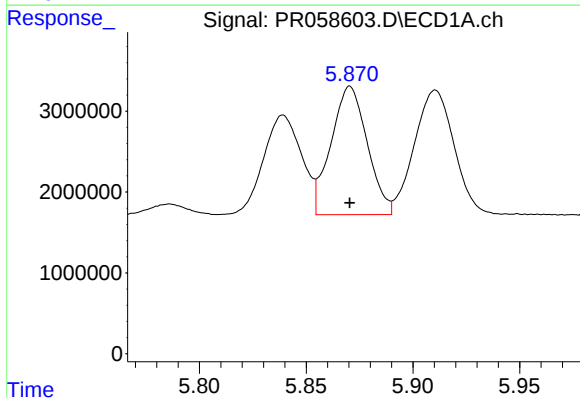
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 20778918
Conc: 246.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



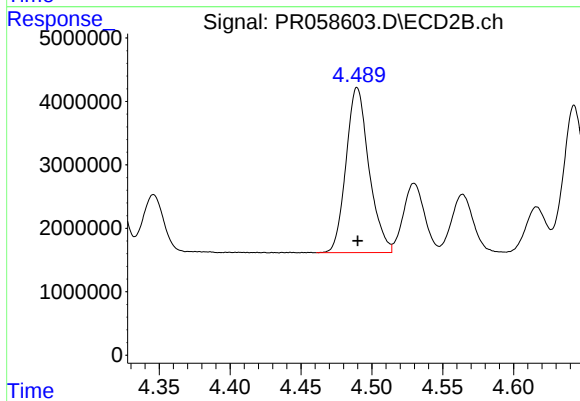
#23 AR-1248-3

R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 26764090
Conc: 262.97 ng/ml



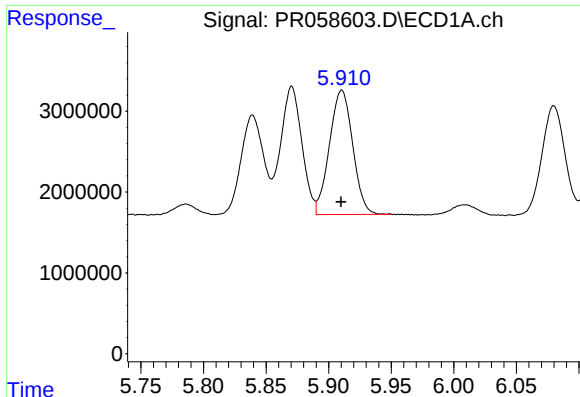
#24 AR-1248-4

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 18773077
Conc: 206.58 ng/ml



#24 AR-1248-4

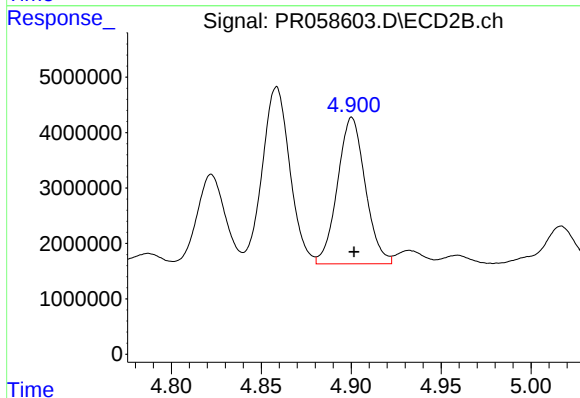
R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 29329411
Conc: 234.05 ng/ml



#25 AR-1248-5

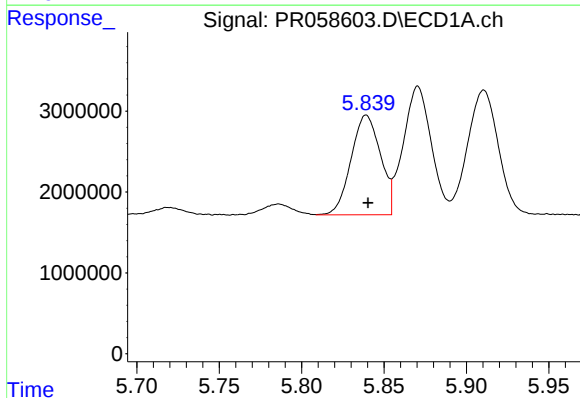
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 19881479
Conc: 225.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



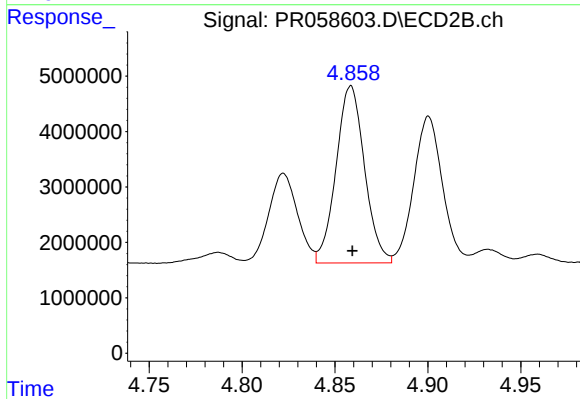
#25 AR-1248-5

R.T.: 4.900 min
Delta R.T.: -0.001 min
Response: 28474884
Conc: 226.14 ng/ml



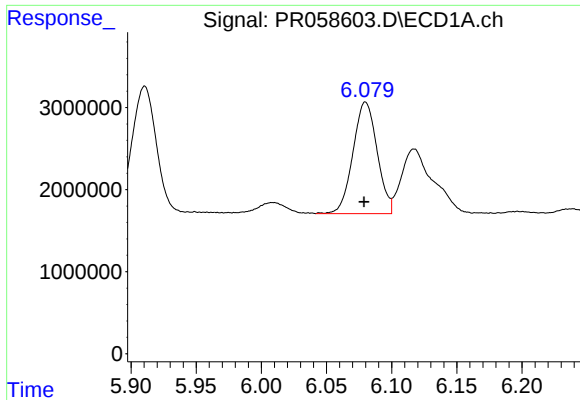
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: -0.001 min
Response: 15306110
Conc: 177.48 ng/ml



#26 AR-1254-1

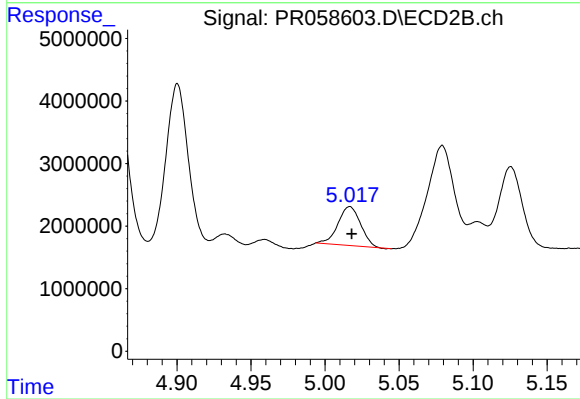
R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 34099487
Conc: 189.65 ng/ml



#27 AR-1254-2

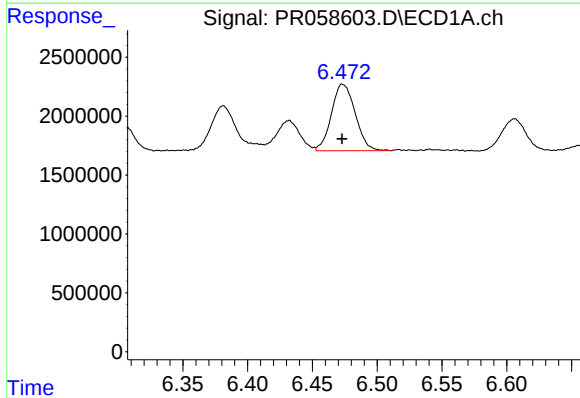
R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 17568287
Conc: 135.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



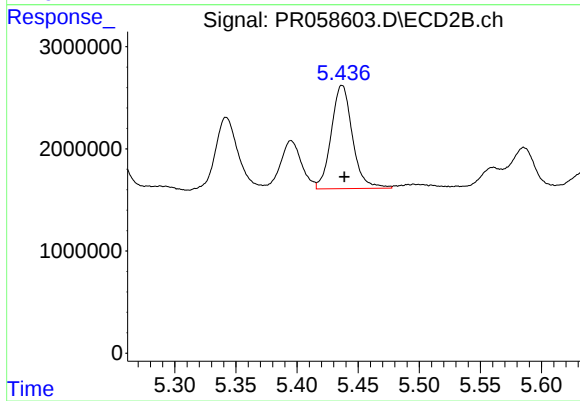
#27 AR-1254-2

R.T.: 5.017 min
Delta R.T.: -0.001 min
Response: 6591032
Conc: 42.83 ng/ml



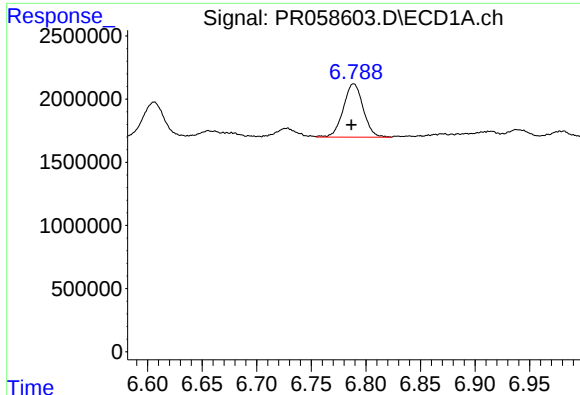
#28 AR-1254-3

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 7227771
Conc: 53.02 ng/ml



#28 AR-1254-3

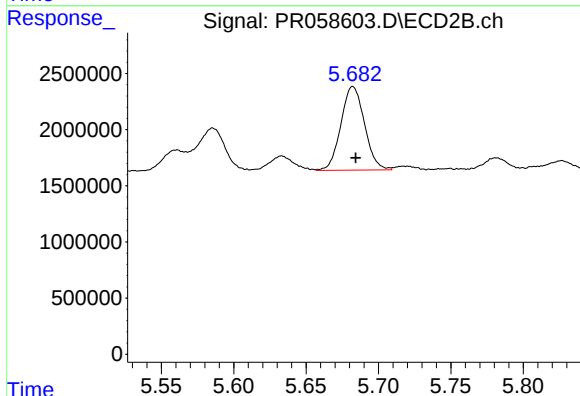
R.T.: 5.437 min
Delta R.T.: -0.002 min
Response: 12198448
Conc: 47.94 ng/ml



#29 AR-1254-4

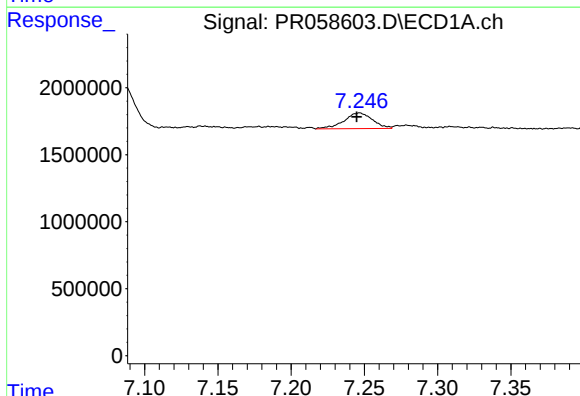
R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 5346477
Conc: 52.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



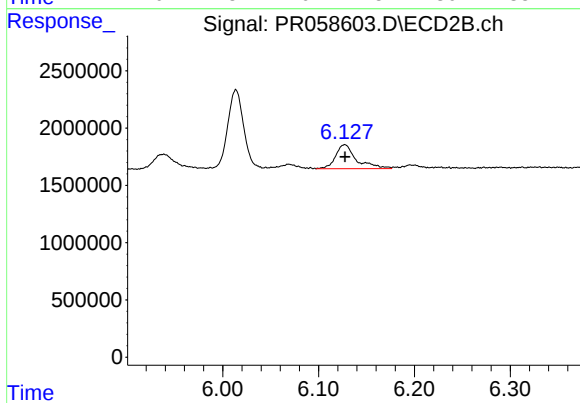
#29 AR-1254-4

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 8438811
Conc: 52.94 ng/ml



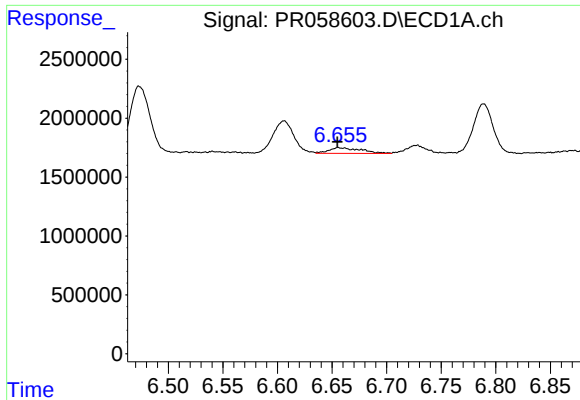
#30 AR-1254-5

R.T.: 7.247 min
Delta R.T.: 0.002 min
Response: 1594968
Conc: 14.30 ng/ml



#30 AR-1254-5

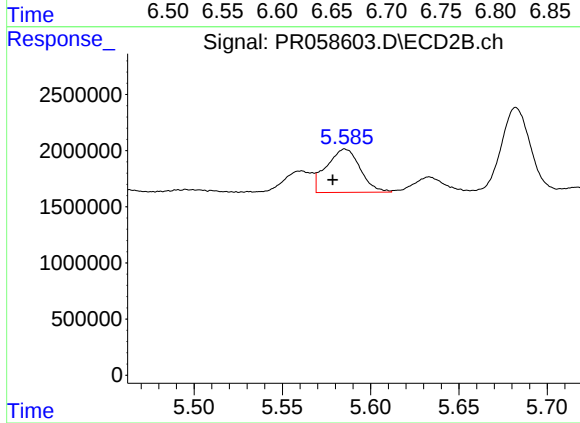
R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 3166722
Conc: 13.92 ng/ml



#31 AR-1260-1

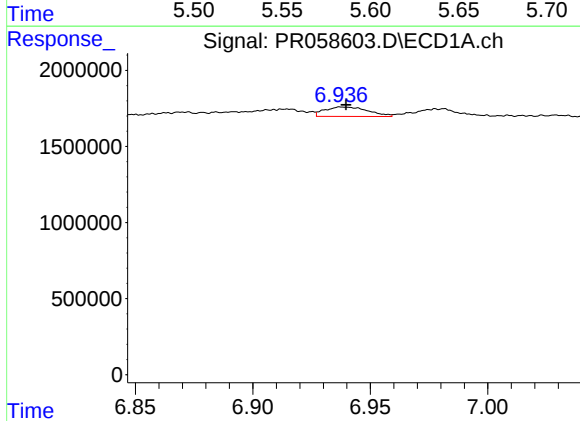
R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 964840
Conc: 9.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



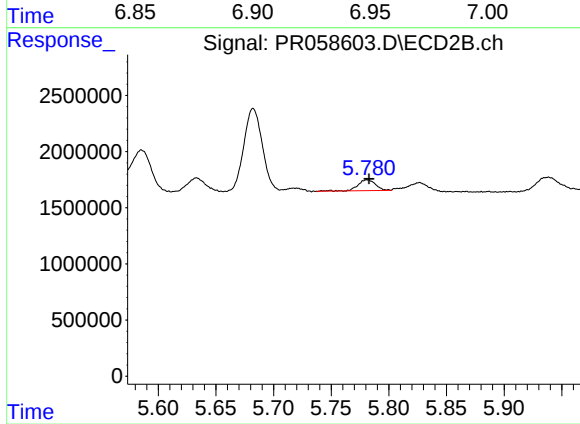
#31 AR-1260-1

R.T.: 5.586 min
Delta R.T.: 0.007 min
Response: 5112972
Conc: 29.70 ng/ml



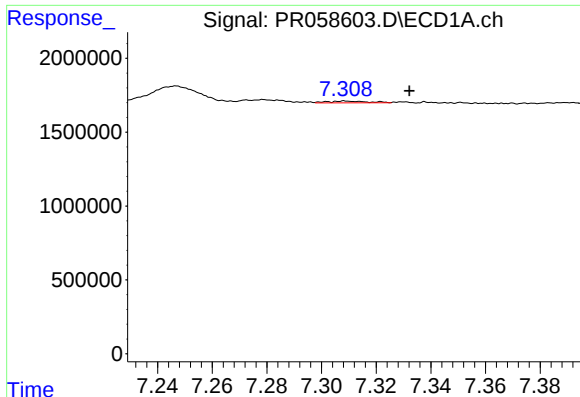
#32 AR-1260-2

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 797711
Conc: 6.44 ng/ml



#32 AR-1260-2

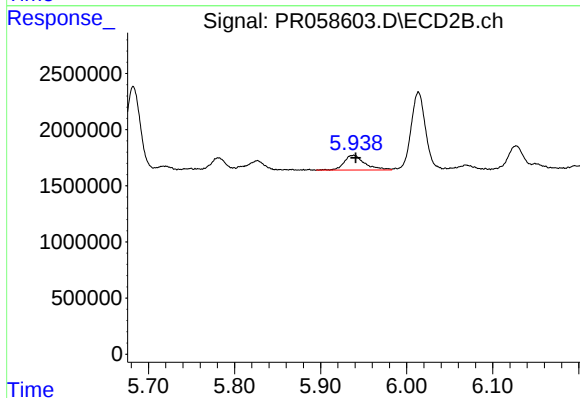
R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 1043950
Conc: 4.97 ng/ml



#33 AR-1260-3

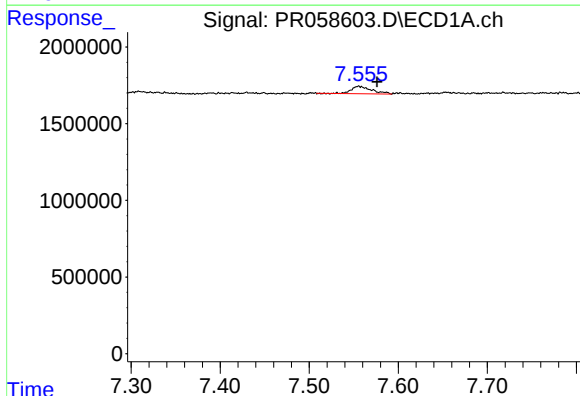
R.T.: 7.309 min
Delta R.T.: -0.024 min
Response: 118438
Conc: 1.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



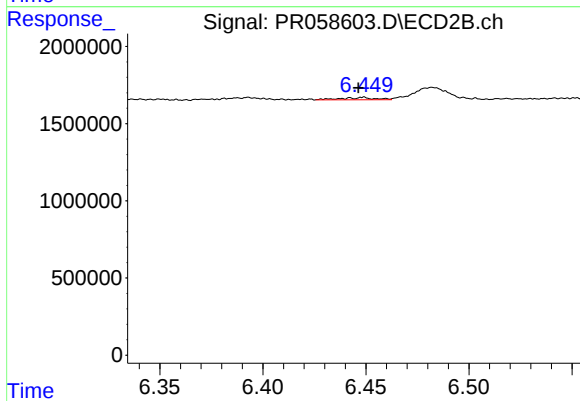
#33 AR-1260-3

R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 2204950
Conc: 11.09 ng/ml



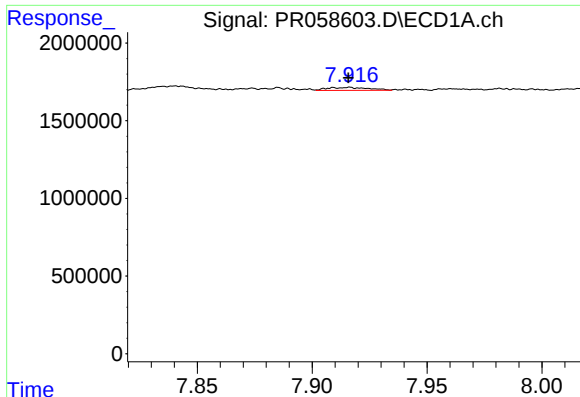
#34 AR-1260-4

R.T.: 7.555 min
Delta R.T.: -0.021 min
Response: 781799
Conc: 7.25 ng/ml



#34 AR-1260-4

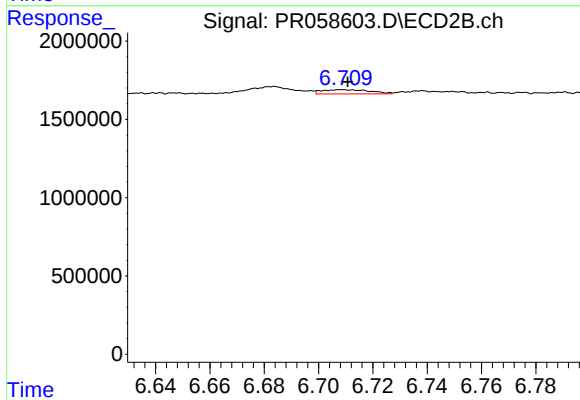
R.T.: 6.448 min
Delta R.T.: 0.001 min
Response: 177321
Conc: 1.07 ng/ml



#35 AR-1260-5

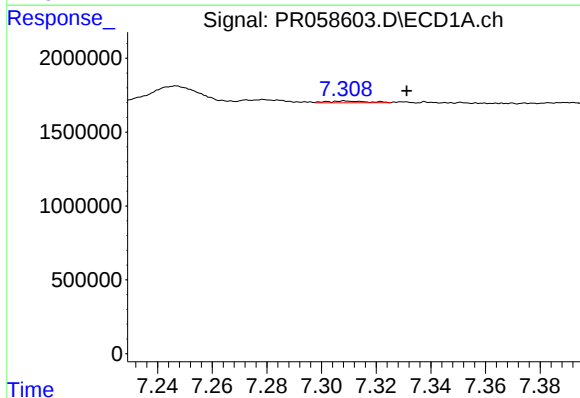
R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 241205
Conc: 1.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



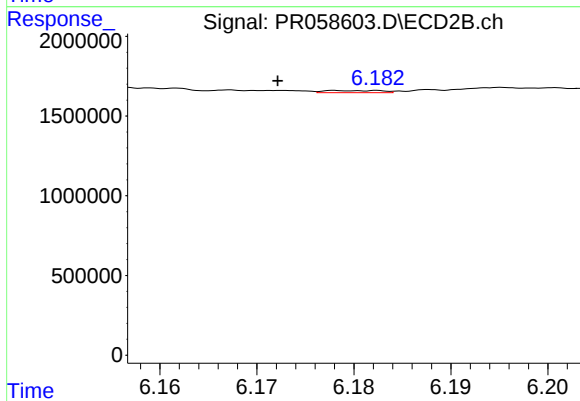
#35 AR-1260-5

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 325498
Conc: 0.83 ng/ml



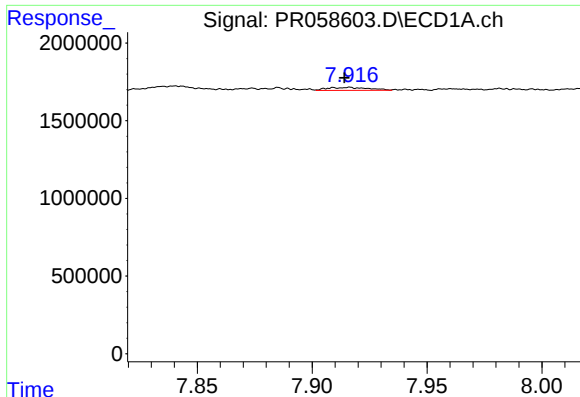
#36 AR-1262-1

R.T.: 7.309 min
Delta R.T.: -0.023 min
Response: 118438
Conc: 0.87 ng/ml



#36 AR-1262-1

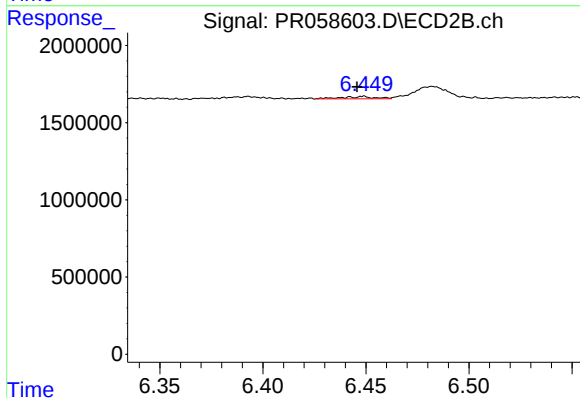
R.T.: 6.181 min
Delta R.T.: 0.008 min
Response: 53913
Conc: 0.22 ng/ml



#37 AR-1262-2

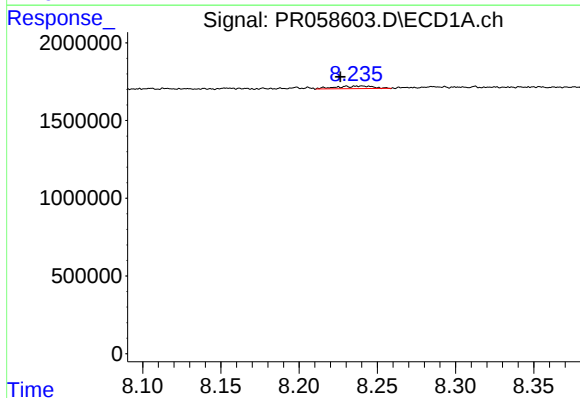
R.T.: 7.916 min
Delta R.T.: 0.002 min
Response: 241205
Conc: 1.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



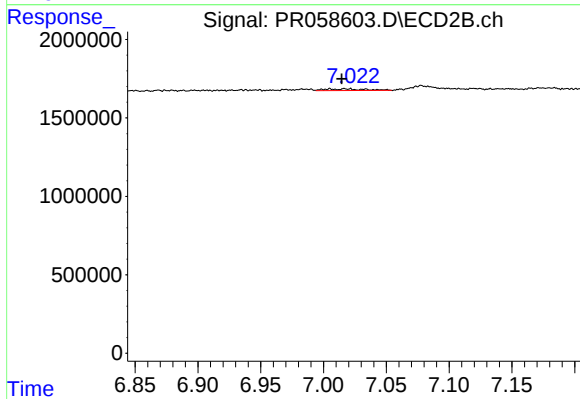
#37 AR-1262-2

R.T.: 6.448 min
Delta R.T.: 0.002 min
Response: 177321
Conc: 0.81 ng/ml



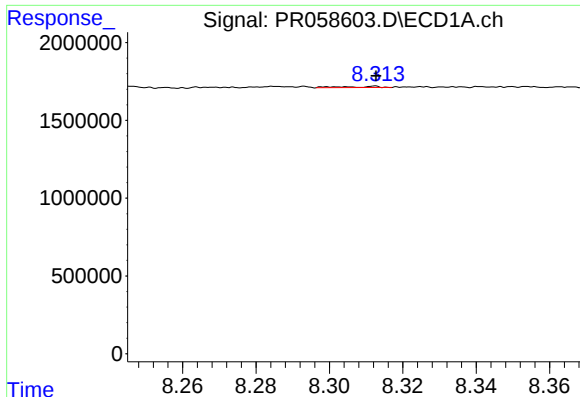
#38 AR-1262-3

R.T.: 8.240 min
Delta R.T.: 0.014 min
Response: 281594
Conc: 1.66 ng/ml



#38 AR-1262-3

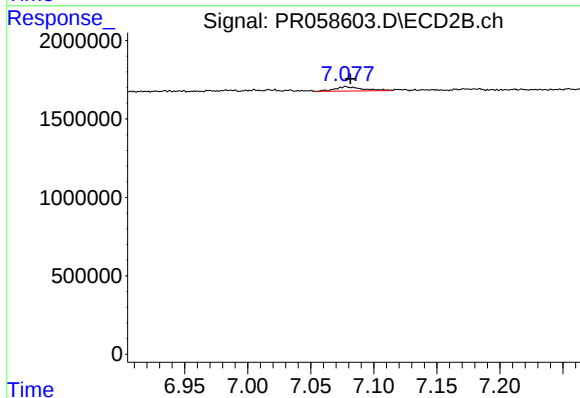
R.T.: 7.005 min
Delta R.T.: -0.009 min
Response: 238187
Conc: 1.40 ng/ml



#39 AR-1262-4

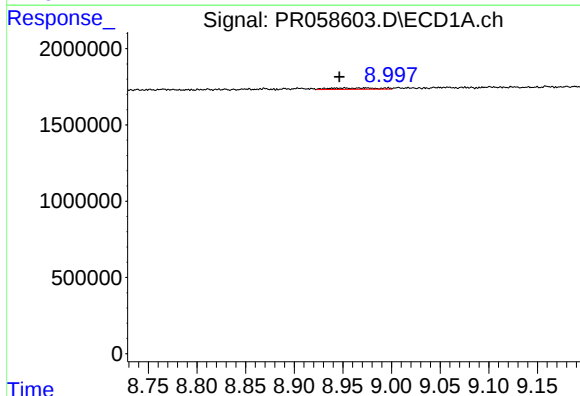
R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 43879
Conc: 0.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



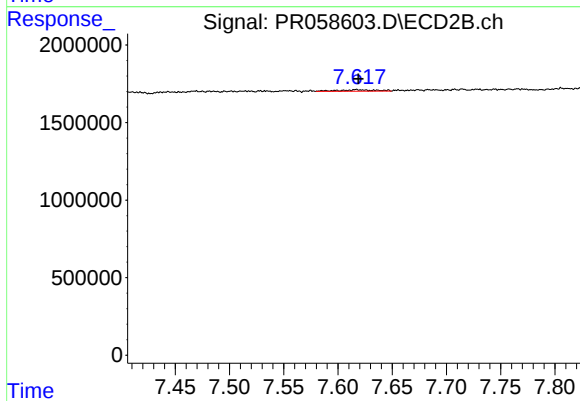
#39 AR-1262-4

R.T.: 7.078 min
Delta R.T.: -0.003 min
Response: 415621
Conc: 1.28 ng/ml



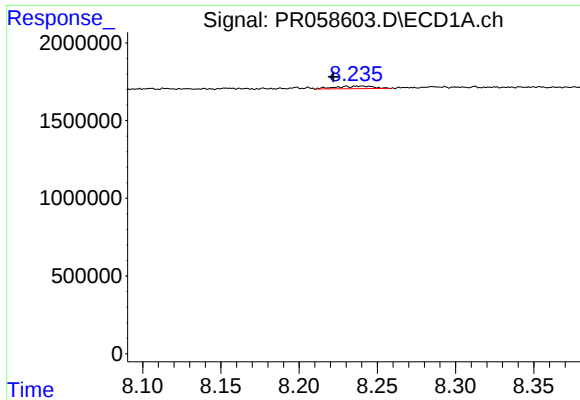
#40 AR-1262-5

R.T.: 8.952 min
Delta R.T.: 0.006 min
Response: 309802
Conc: 3.29 ng/ml



#40 AR-1262-5

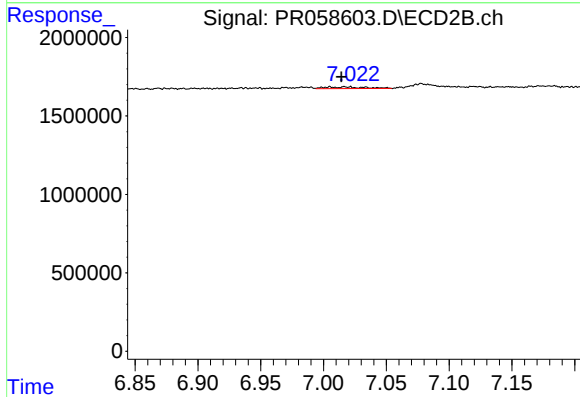
R.T.: 7.617 min
Delta R.T.: -0.001 min
Response: 217766
Conc: 1.47 ng/ml



#41 AR-1268-1

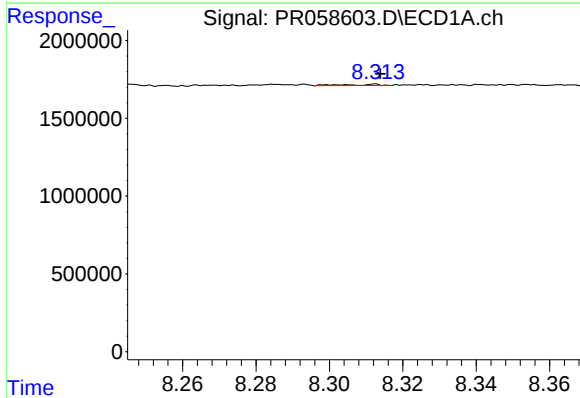
R.T.: 8.240 min
Delta R.T.: 0.018 min
Response: 281594
Conc: 1.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



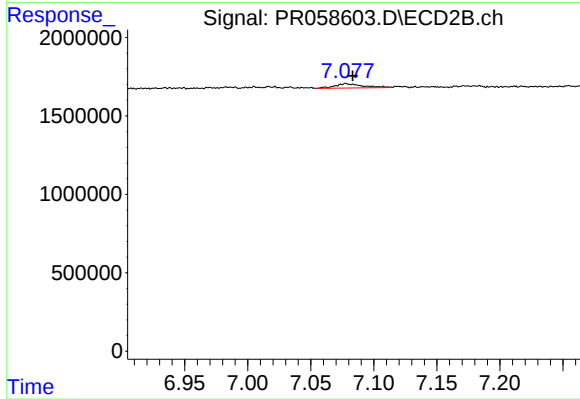
#41 AR-1268-1

R.T.: 7.005 min
Delta R.T.: -0.009 min
Response: 238187
Conc: 0.47 ng/ml



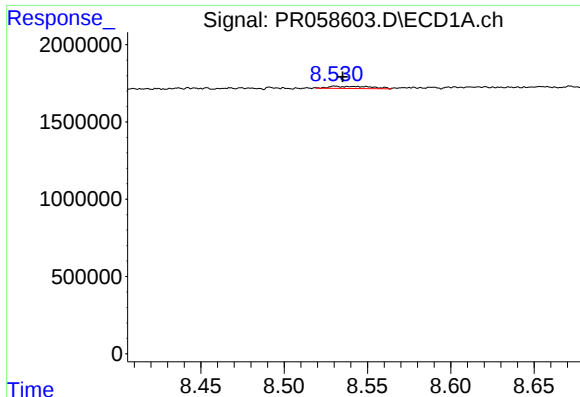
#42 AR-1268-2

R.T.: 8.312 min
Delta R.T.: -0.002 min
Response: 43879
Conc: 0.17 ng/ml



#42 AR-1268-2

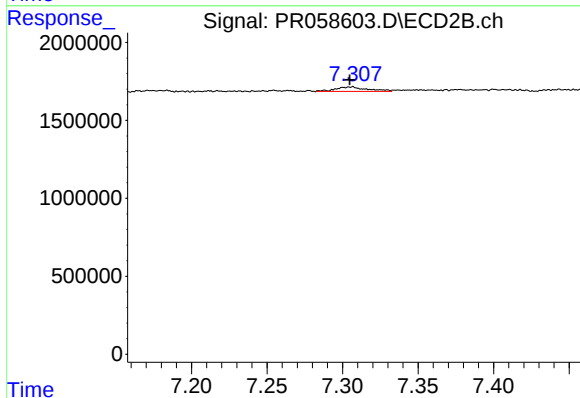
R.T.: 7.078 min
Delta R.T.: -0.005 min
Response: 415621
Conc: 0.92 ng/ml



#43 AR-1268-3

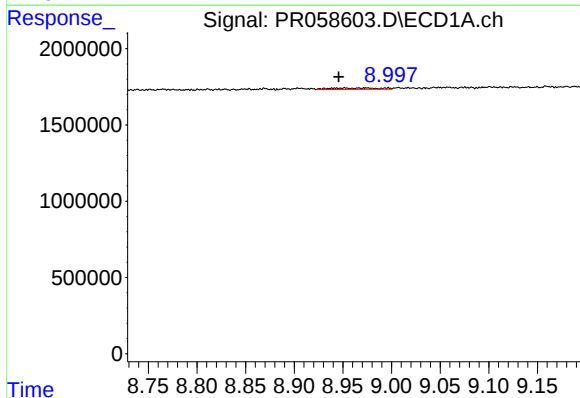
R.T.: 8.531 min
Delta R.T.: -0.005 min
Response: 242388
Conc: 1.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



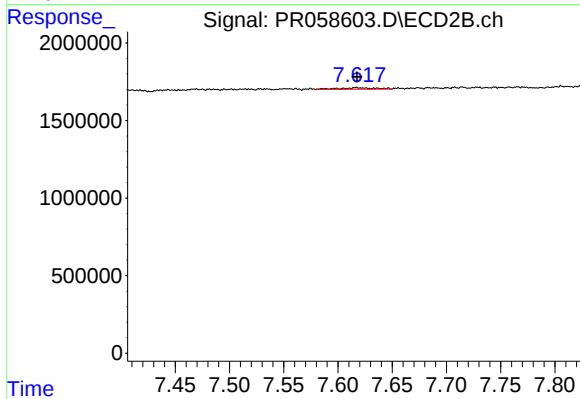
#43 AR-1268-3

R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 423451
Conc: 1.11 ng/ml



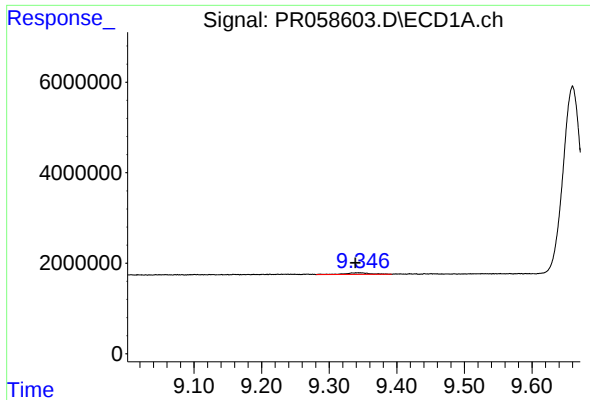
#44 AR-1268-4

R.T.: 8.952 min
Delta R.T.: 0.006 min
Response: 309802
Conc: 3.07 ng/ml



#44 AR-1268-4

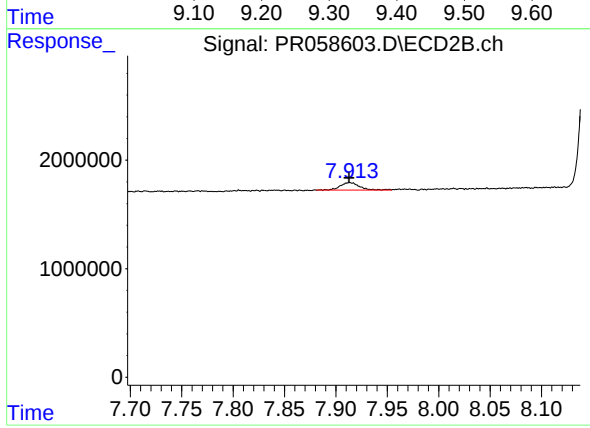
R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 217766
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: 0.005 min
Response: 949327
Conc: 1.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.914 min
Delta R.T.: 0.000 min
Response: 898045
Conc: 0.74 ng/ml