

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 22:44
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 07:59:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 2023
 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...	3.690	2.906	56865214	82061443	19.033	18.959
2)	SA Decachlor...	9.658	8.137	51857811	73925782	22.609	20.955
Target Compounds							
3)	L1 AR-1016-1	4.919	4.017	195308	249893	2.128	1.769
4)	L1 AR-1016-2	4.951	4.046	284677	640067	2.186	3.127 #
5)	L1 AR-1016-3	5.019	0.000	498455	0	5.984	N.D. #
6)	L1 AR-1016-4	0.000	4.287f	0	770734	N.D.	8.940 #
7)	L1 AR-1016-5	5.439	4.480	183306	376366	2.784	3.362
8)	L2 AR-1221-1	0.000	3.112f	0	280844	N.D.	7.405 #
9)	L2 AR-1221-2	4.006	3.207	855817	1020802	38.021	36.182
12)	L3 AR-1232-2	4.620f	4.046	323289	640067	9.938	7.262 #
13)	L3 AR-1232-3	4.951	0.000	284677	0	4.864	N.D. #
14)	L3 AR-1232-4	0.000	4.287f	0	770734	N.D.	19.190 #
15)	L3 AR-1232-5	5.223	4.480	309548	376366	13.775	8.235 #
16)	L4 AR-1242-1	4.919	4.017	195308	249893	2.674	2.260
17)	L4 AR-1242-2	4.951	4.046	284677	640067	2.783	3.962 #
18)	L4 AR-1242-3	5.019	0.000	498455	0	7.589	N.D. #
19)	L4 AR-1242-4	0.000	4.287f	0	770734	N.D.	9.562 #
20)	L4 AR-1242-5	0.000	4.846	0	1293205	N.D.	12.890 #
21)	L5 AR-1248-1	4.919	4.017	195308	249893	3.517	3.010
22)	L5 AR-1248-2	5.223	4.287f	309548	770734	4.179	6.356 #
23)	L5 AR-1248-3	5.439	4.287f	183306	770734	2.144	6.310 #
24)	L5 AR-1248-4	0.000	4.480	0	376366	N.D.	2.522 #
25)	L5 AR-1248-5	0.000	4.871f	0	316020	N.D.	2.283 #
26)	L6 AR-1254-1	5.839	4.846	1088047	1293205	11.686	5.698 #
27)	L6 AR-1254-2	6.079	5.005	1025054	1313585	7.253	6.739
28)	L6 AR-1254-3	6.475	5.443f	502882	5121751	3.424	16.480 #
29)	L6 AR-1254-4	6.788	5.672	353586	341999	3.335	1.896 #
30)	L6 AR-1254-5	7.242	6.111	4431890	5944595	37.254	21.608 #
31)	L7 AR-1260-1	6.654	5.564	4396158	7414697	36.200	32.271
32)	L7 AR-1260-2	6.939	5.768	5120263	8441132	36.772	31.221
33)	L7 AR-1260-3	7.332	5.927	7015644	8560105	65.829	33.311 #
34)	L7 AR-1260-4	7.576	6.430	6640934	10727118	54.096	50.387
35)	L7 AR-1260-5	7.916	6.695	11182149	19546603	49.069	40.539
36)	L8 AR-1262-1	7.332	6.157	7015644	12060389	50.135	41.687
37)	L8 AR-1262-2	7.916	6.430	11182149	10727118	47.045	41.730
38)	L8 AR-1262-3	8.226	6.998	8420084	8208736	49.283	42.217
39)	L8 AR-1262-4	8.312	7.066	6385260	14534550	48.174	39.828
40)	L8 AR-1262-5	8.947	7.603	4756202	6566745	50.157	41.561
41)	L9 AR-1268-1	8.226	6.998	8420084	8208736	27.472	13.264 #
42)	L9 AR-1268-2	8.312	7.066	6385260	14534550	22.948	26.218
43)	L9 AR-1268-3	8.534	7.288	651547	769799	2.610	1.590 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	8.947	7.603	4756202	6566745	43.311	36.276
45) L9	AR-1268-5	9.341	7.897	2045857	2914880	2.576	1.980

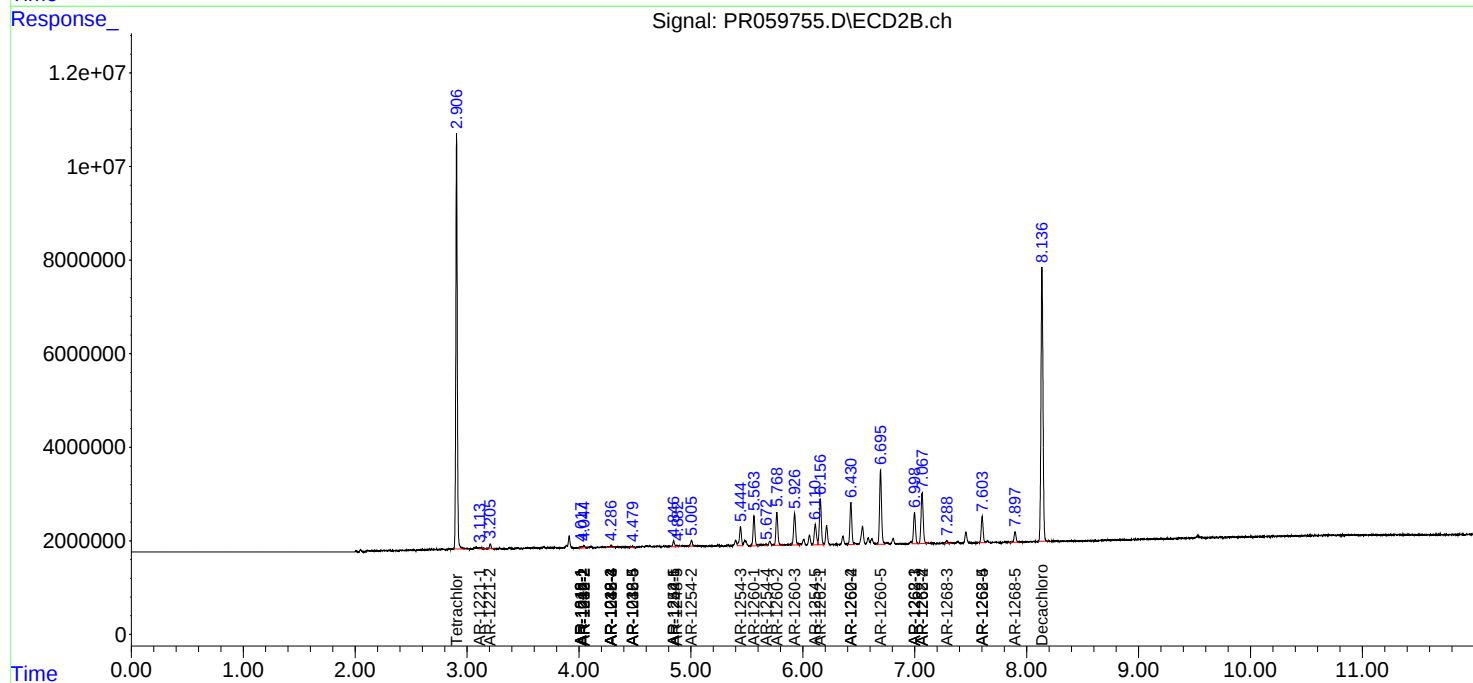
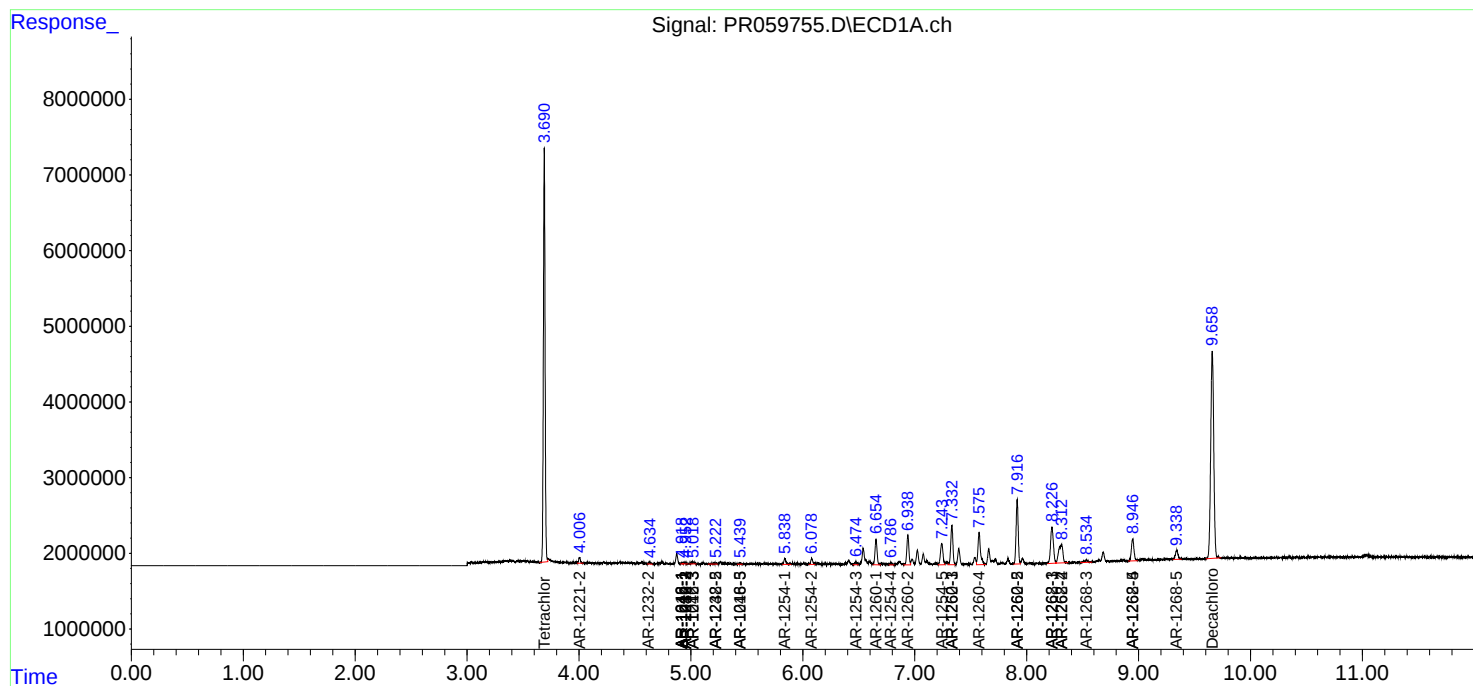
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

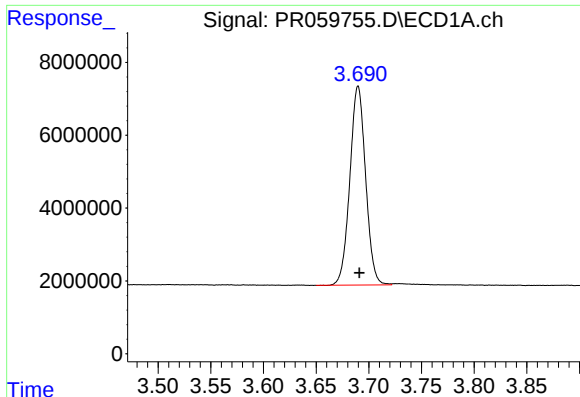
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

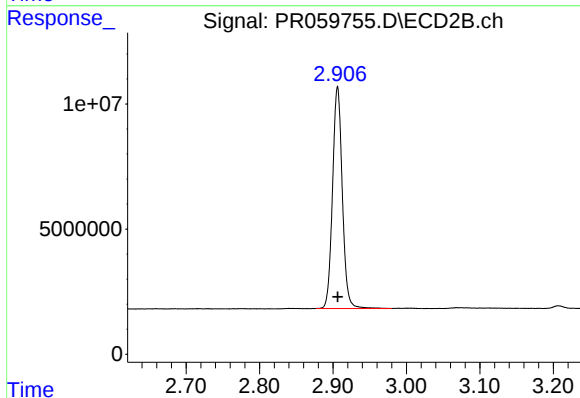




#1 Tetrachloro-m-xylene

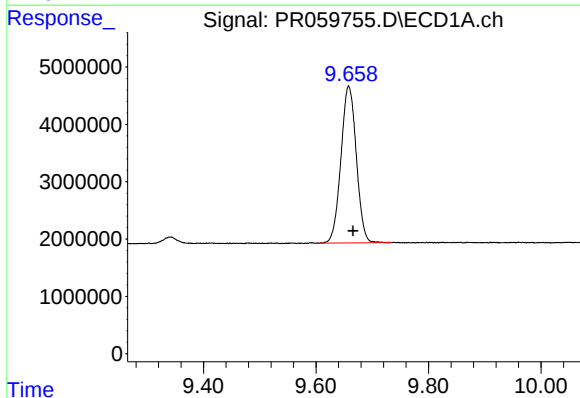
R.T.: 3.690 min
Delta R.T.: -0.001 min
Response: 56865214
Conc: 19.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



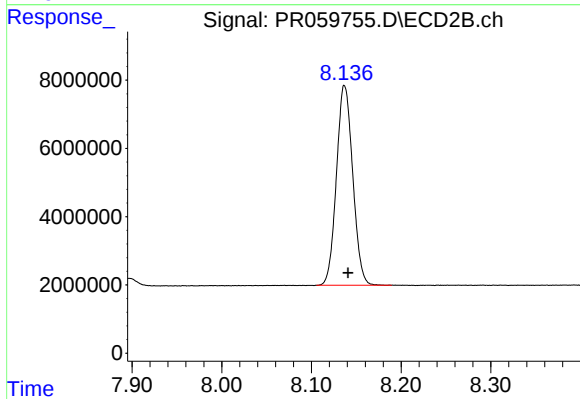
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 82061443
Conc: 18.96 ng/ml



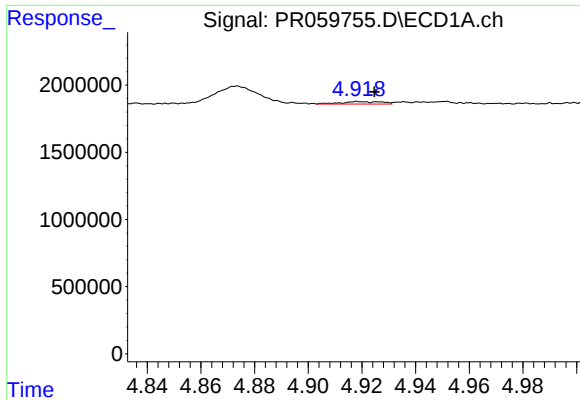
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.008 min
Response: 51857811
Conc: 22.61 ng/ml



#2 Decachlorobiphenyl

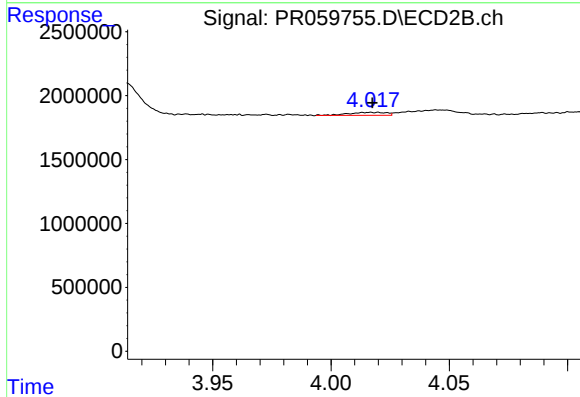
R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 73925782
Conc: 20.96 ng/ml



#3 AR-1016-1

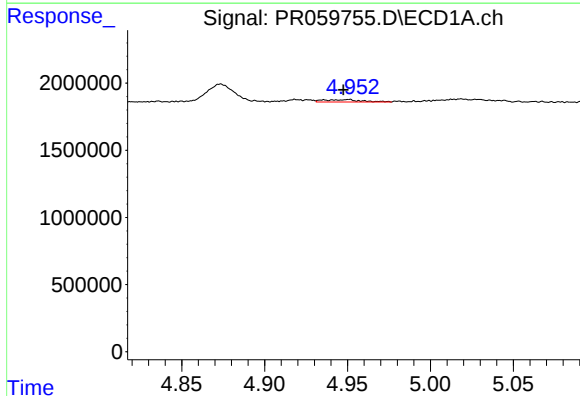
R.T.: 4.919 min
Delta R.T.: -0.006 min
Response: 195308
Conc: 2.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



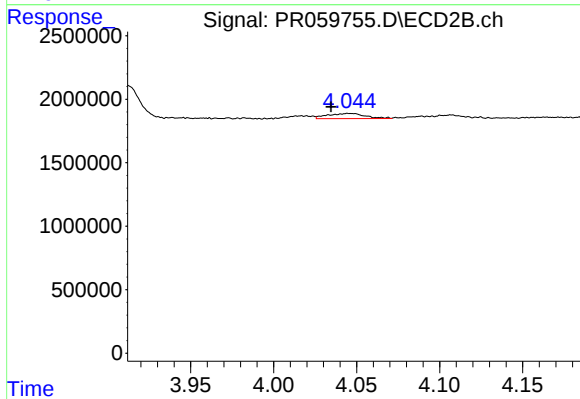
#3 AR-1016-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 249893
Conc: 1.77 ng/ml



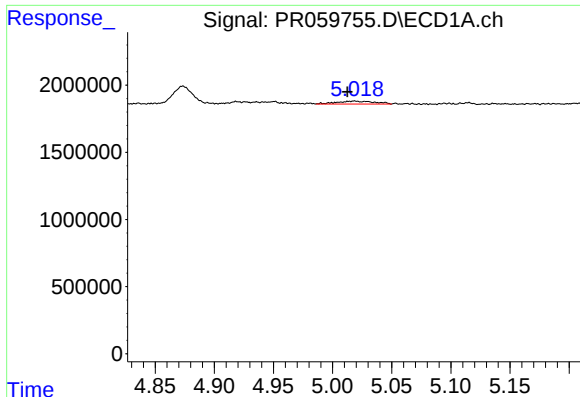
#4 AR-1016-2

R.T.: 4.951 min
Delta R.T.: 0.003 min
Response: 284677
Conc: 2.19 ng/ml



#4 AR-1016-2

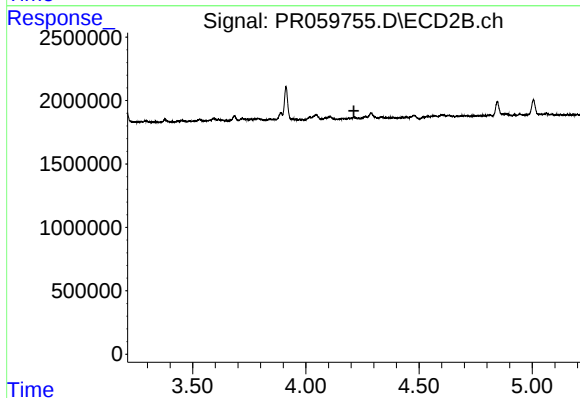
R.T.: 4.046 min
Delta R.T.: 0.011 min
Response: 640067
Conc: 3.13 ng/ml



#5 AR-1016-3

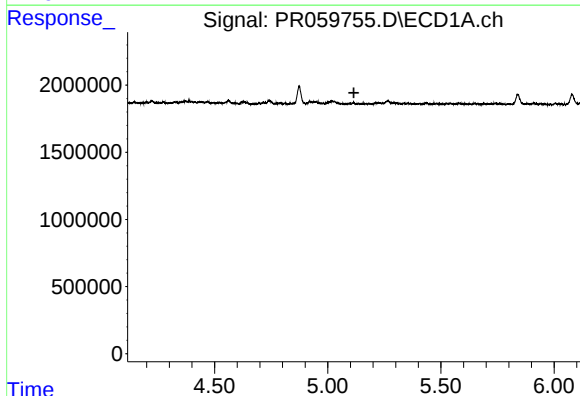
R.T.: 5.019 min
Delta R.T.: 0.006 min
Response: 498455
Conc: 5.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



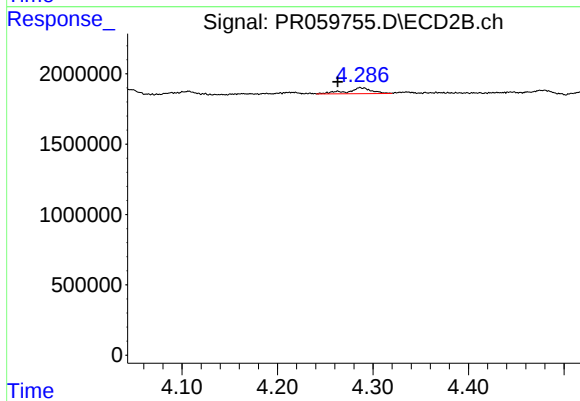
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.212 min
Response: 0
Conc: N.D.



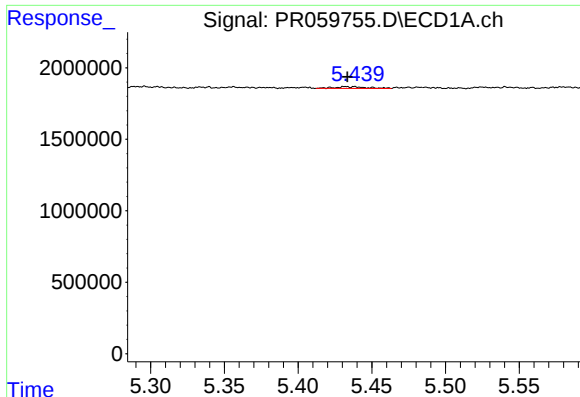
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.116 min
Response: 0
Conc: N.D.



#6 AR-1016-4

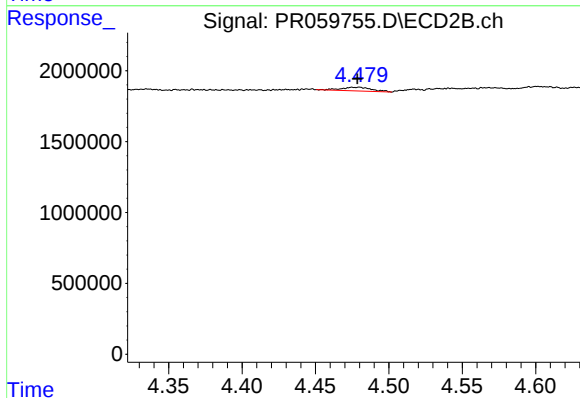
R.T.: 4.287 min
Delta R.T.: 0.024 min
Response: 770734
Conc: 8.94 ng/ml



#7 AR-1016-5

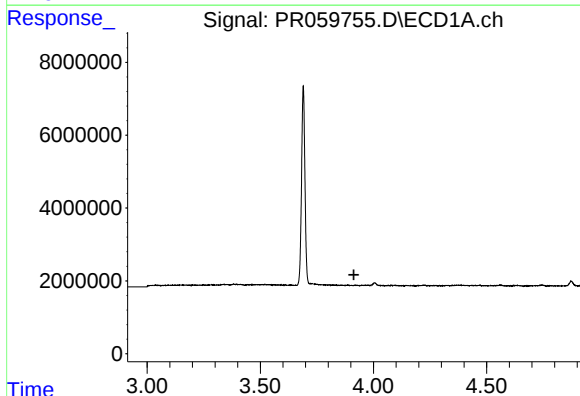
R.T.: 5.439 min
Delta R.T.: 0.005 min
Response: 183306
Conc: 2.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



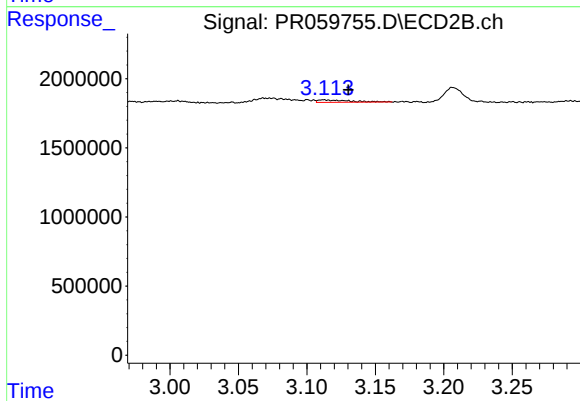
#7 AR-1016-5

R.T.: 4.480 min
Delta R.T.: 0.001 min
Response: 376366
Conc: 3.36 ng/ml



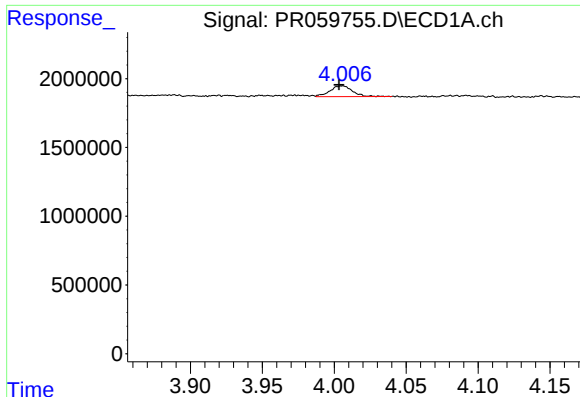
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.913 min
Response: 0
Conc: N.D.



#8 AR-1221-1

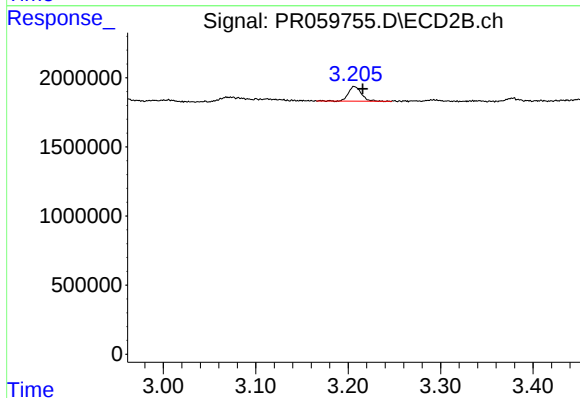
R.T.: 3.112 min
Delta R.T.: -0.018 min
Response: 280844
Conc: 7.40 ng/ml



#9 AR-1221-2

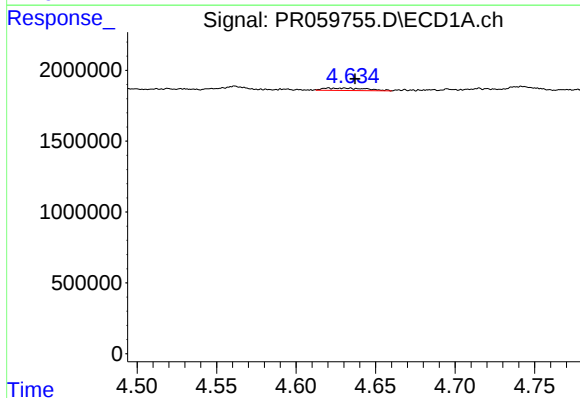
R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 855817
Conc: 38.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



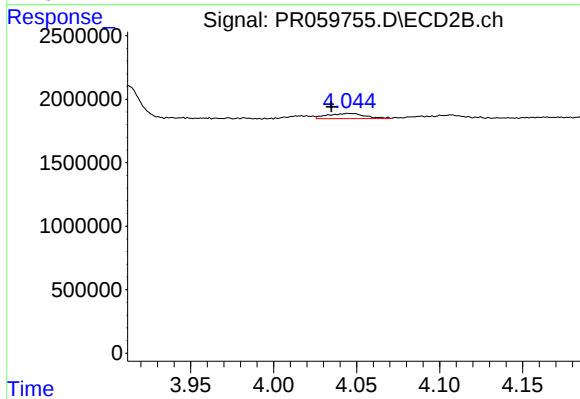
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 1020802
Conc: 36.18 ng/ml



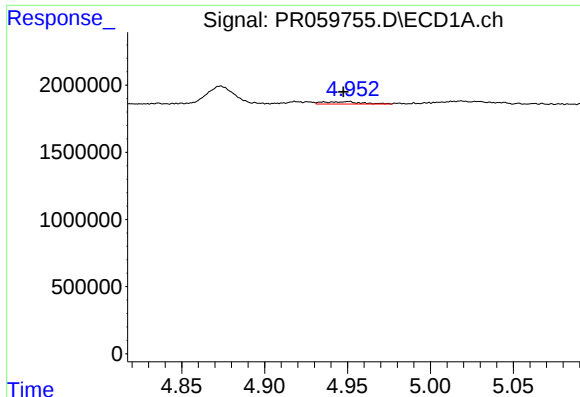
#12 AR-1232-2

R.T.: 4.620 min
Delta R.T.: -0.017 min
Response: 323289
Conc: 9.94 ng/ml



#12 AR-1232-2

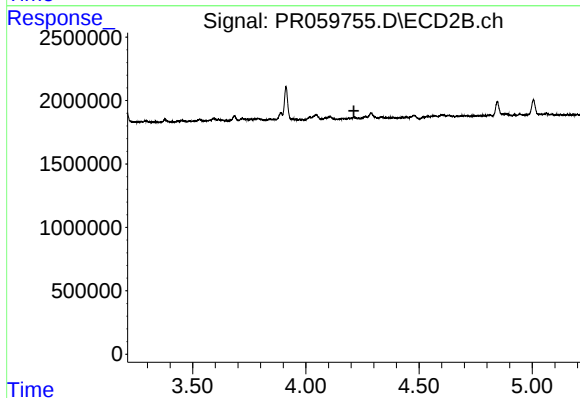
R.T.: 4.046 min
Delta R.T.: 0.011 min
Response: 640067
Conc: 7.26 ng/ml



#13 AR-1232-3

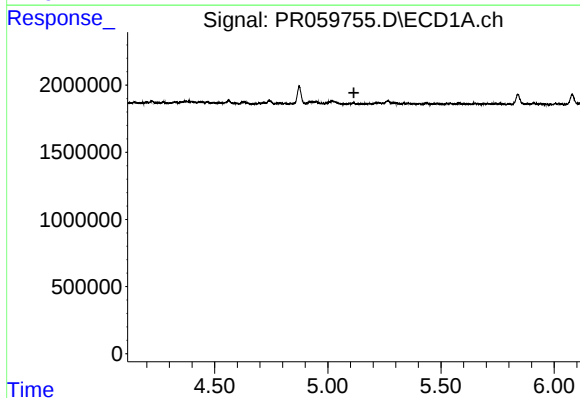
R.T.: 4.951 min
Delta R.T.: 0.003 min
Response: 284677
Conc: 4.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



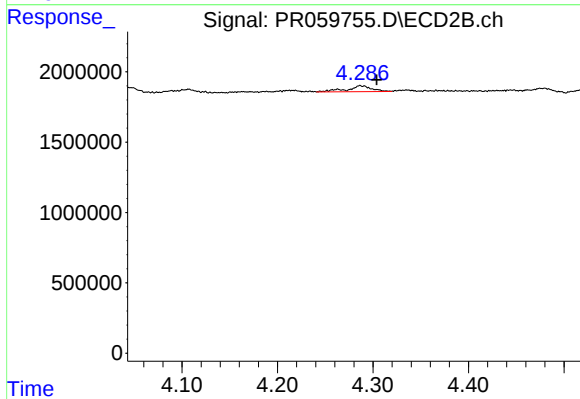
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.212 min
Response: 0
Conc: N.D.



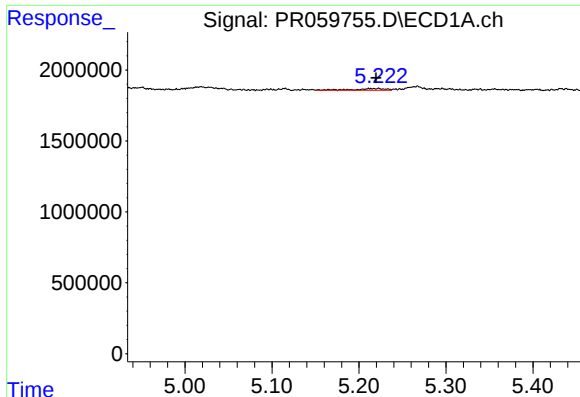
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.115 min
Response: 0
Conc: N.D.



#14 AR-1232-4

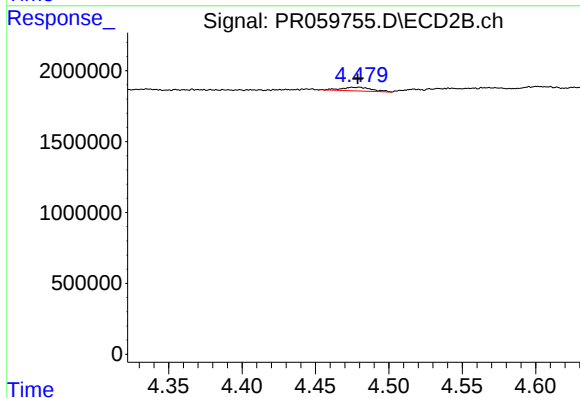
R.T.: 4.287 min
Delta R.T.: -0.017 min
Response: 770734
Conc: 19.19 ng/ml



#15 AR-1232-5

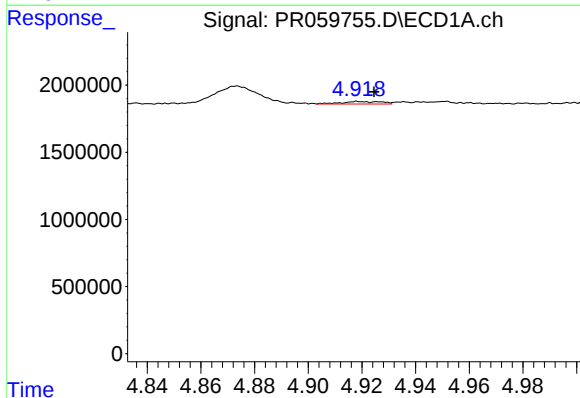
R.T.: 5.223 min
Delta R.T.: 0.003 min
Response: 309548
Conc: 13.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



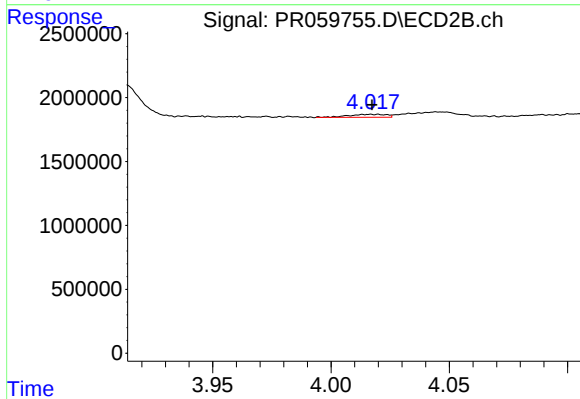
#15 AR-1232-5

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 376366
Conc: 8.23 ng/ml



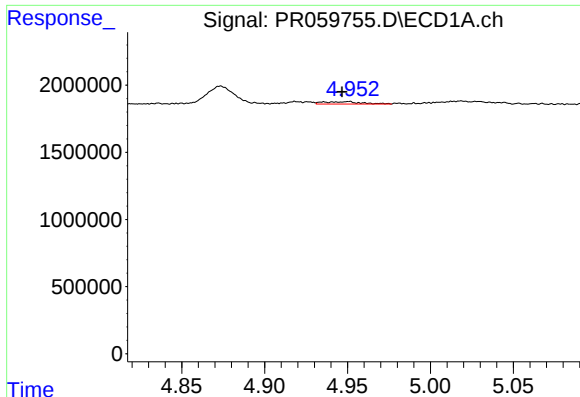
#16 AR-1242-1

R.T.: 4.919 min
Delta R.T.: -0.006 min
Response: 195308
Conc: 2.67 ng/ml



#16 AR-1242-1

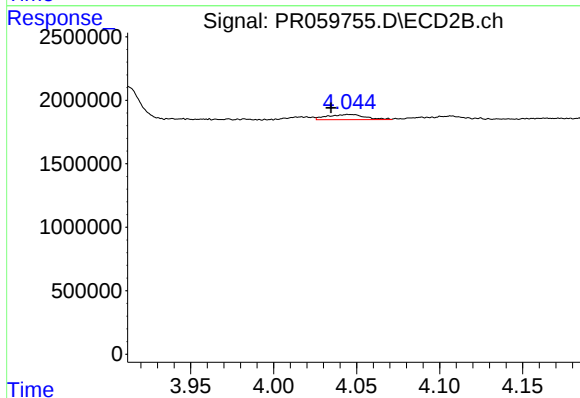
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 249893
Conc: 2.26 ng/ml



#17 AR-1242-2

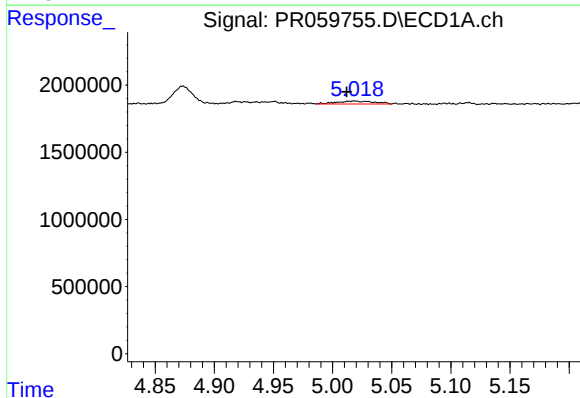
R.T.: 4.951 min
Delta R.T.: 0.004 min
Response: 284677
Conc: 2.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



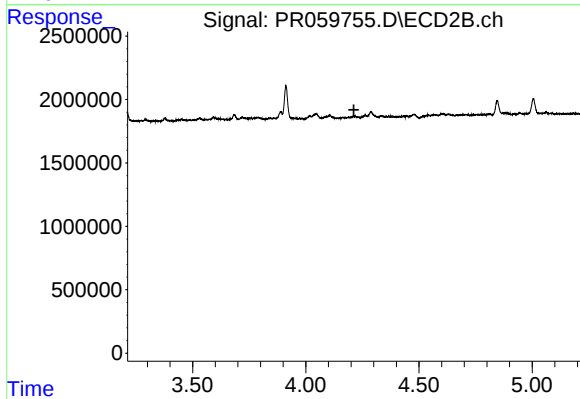
#17 AR-1242-2

R.T.: 4.046 min
Delta R.T.: 0.011 min
Response: 640067
Conc: 3.96 ng/ml



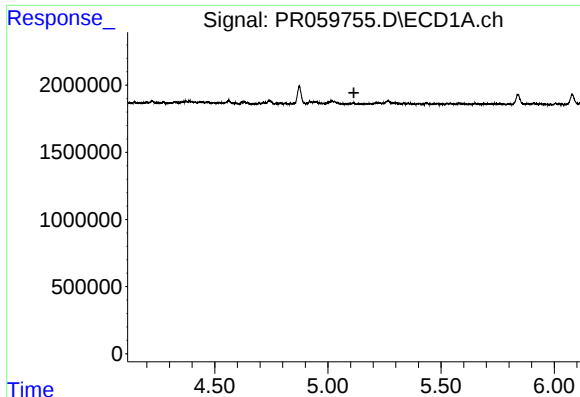
#18 AR-1242-3

R.T.: 5.019 min
Delta R.T.: 0.007 min
Response: 498455
Conc: 7.59 ng/ml



#18 AR-1242-3

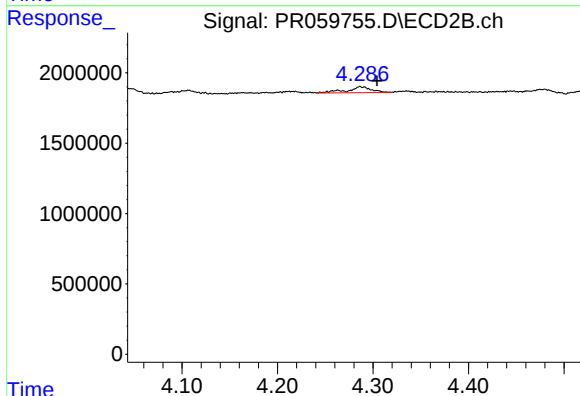
R.T.: 0.000 min
Exp R.T. : 4.212 min
Response: 0
Conc: N.D.



#19 AR-1242-4

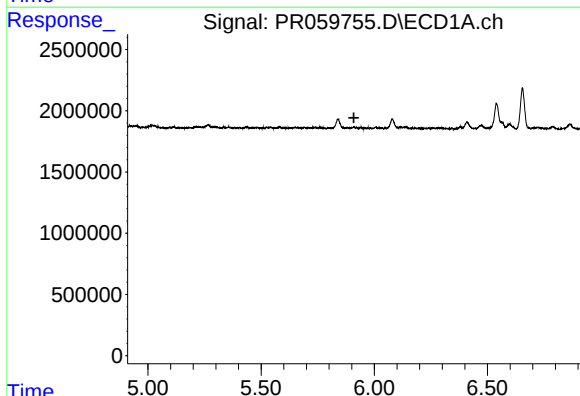
R.T.: 0.000 min
Exp R.T.: 5.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



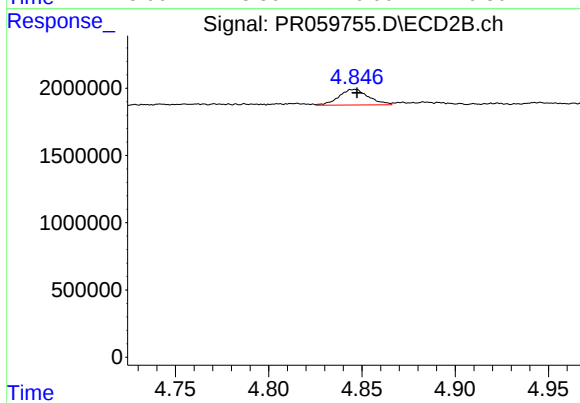
#19 AR-1242-4

R.T.: 4.287 min
Delta R.T.: -0.017 min
Response: 770734
Conc: 9.56 ng/ml



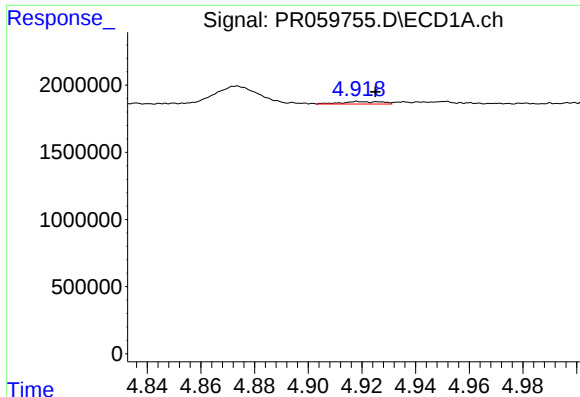
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.



#20 AR-1242-5

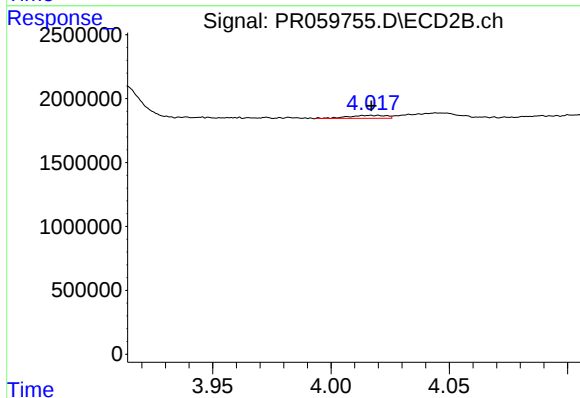
R.T.: 4.846 min
Delta R.T.: -0.002 min
Response: 1293205
Conc: 12.89 ng/ml



#21 AR-1248-1

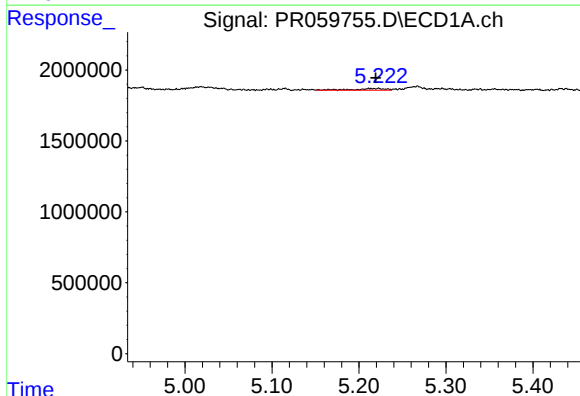
R.T.: 4.919 min
Delta R.T.: -0.006 min
Response: 195308
Conc: 3.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



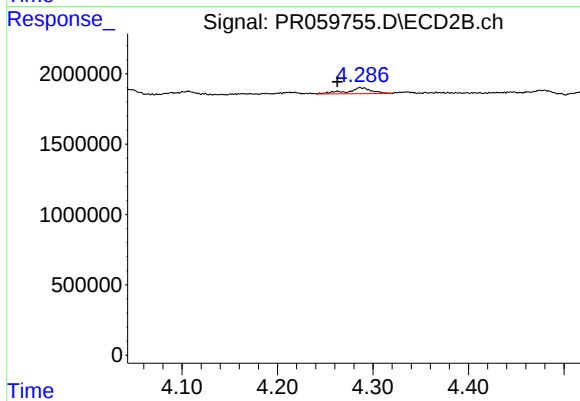
#21 AR-1248-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 249893
Conc: 3.01 ng/ml



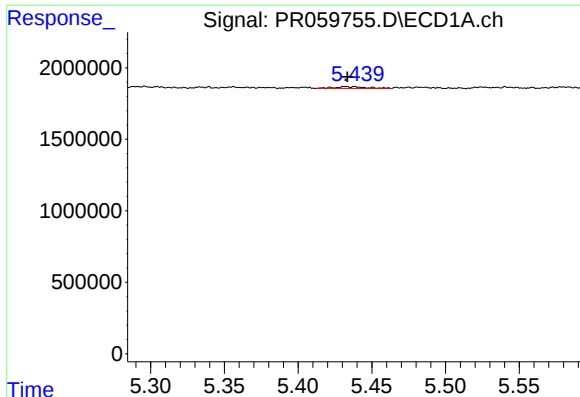
#22 AR-1248-2

R.T.: 5.223 min
Delta R.T.: 0.004 min
Response: 309548
Conc: 4.18 ng/ml



#22 AR-1248-2

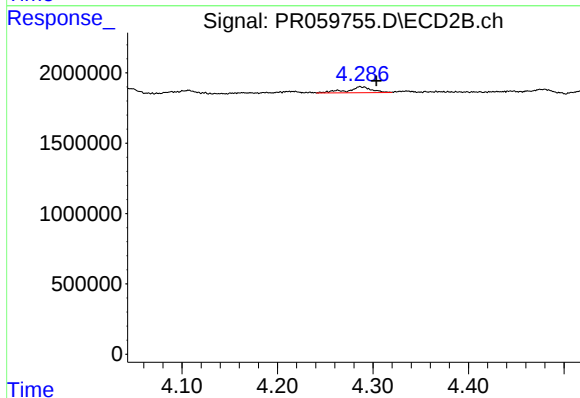
R.T.: 4.287 min
Delta R.T.: 0.024 min
Response: 770734
Conc: 6.36 ng/ml



#23 AR-1248-3

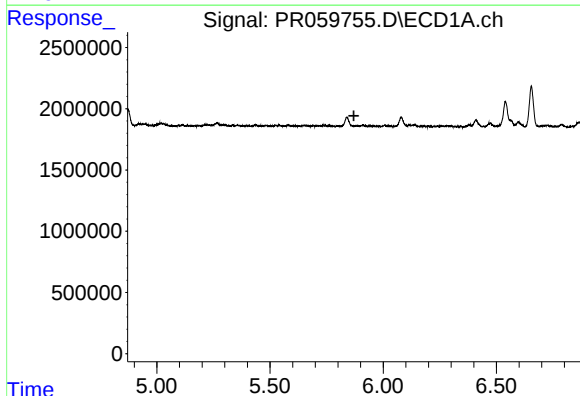
R.T.: 5.439 min
Delta R.T.: 0.005 min
Response: 183306
Conc: 2.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



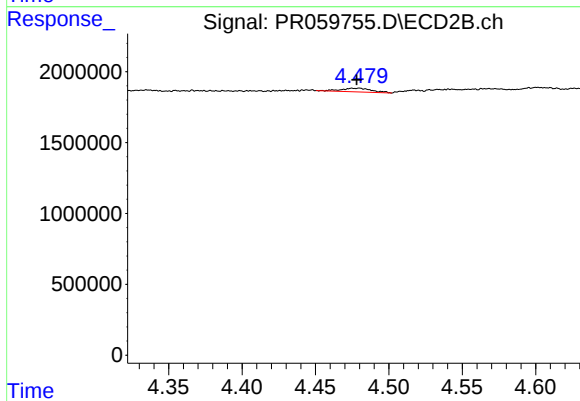
#23 AR-1248-3

R.T.: 4.287 min
Delta R.T.: -0.017 min
Response: 770734
Conc: 6.31 ng/ml



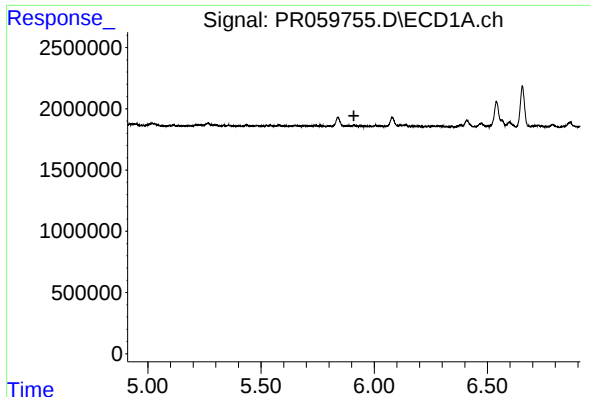
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#24 AR-1248-4

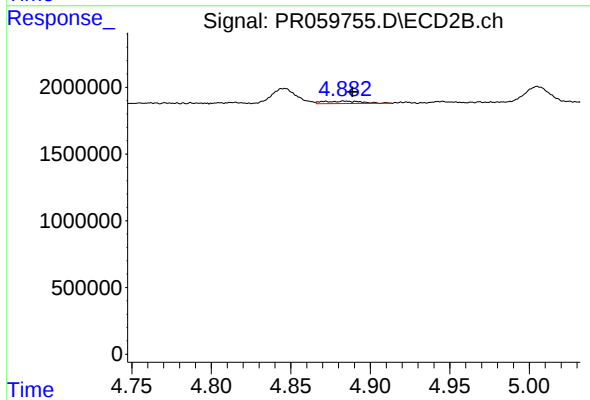
R.T.: 4.480 min
Delta R.T.: 0.002 min
Response: 376366
Conc: 2.52 ng/ml



#25 AR-1248-5

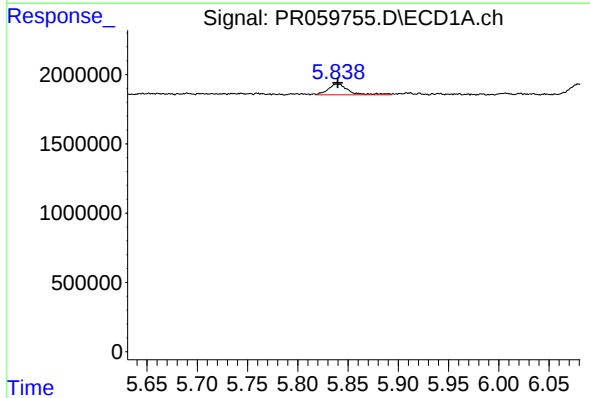
R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



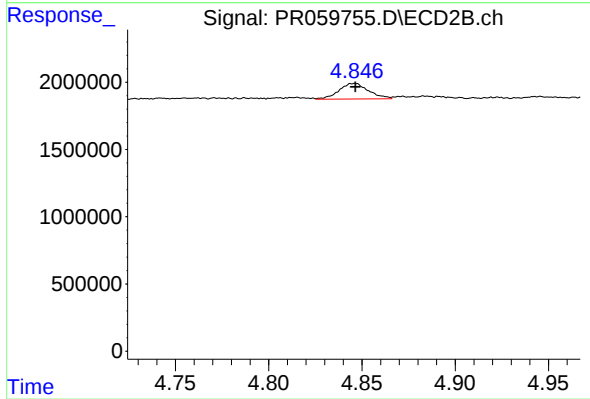
#25 AR-1248-5

R.T.: 4.871 min
Delta R.T.: -0.017 min
Response: 316020
Conc: 2.28 ng/ml



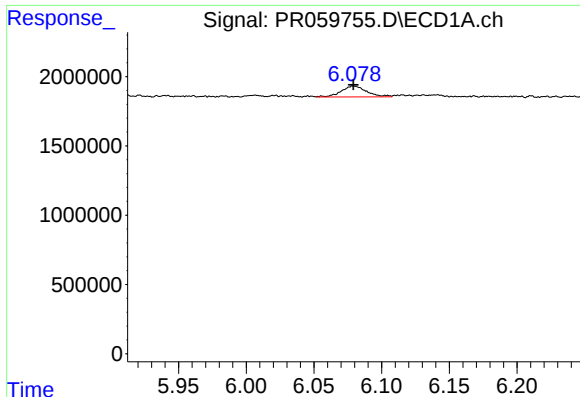
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1088047
Conc: 11.69 ng/ml



#26 AR-1254-1

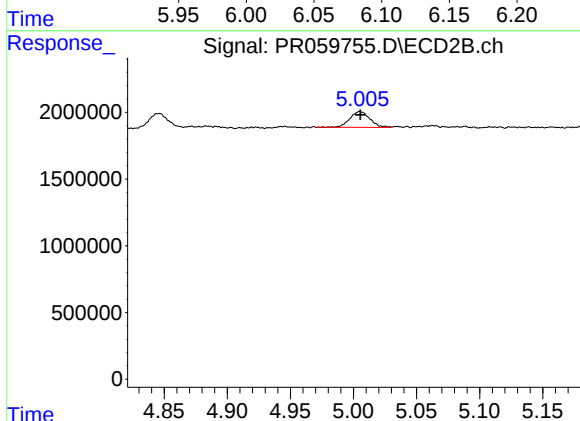
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 1293205
Conc: 5.70 ng/ml



#27 AR-1254-2

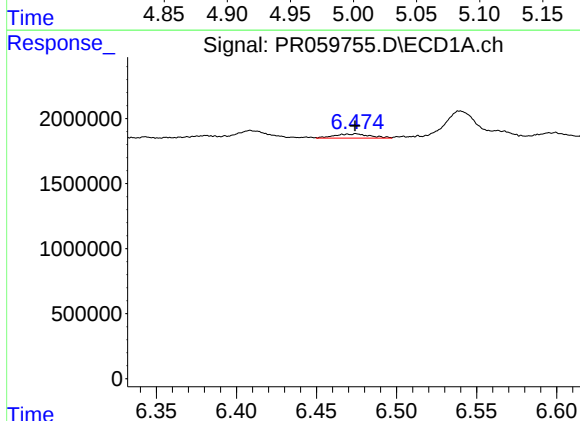
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 1025054
Conc: 7.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



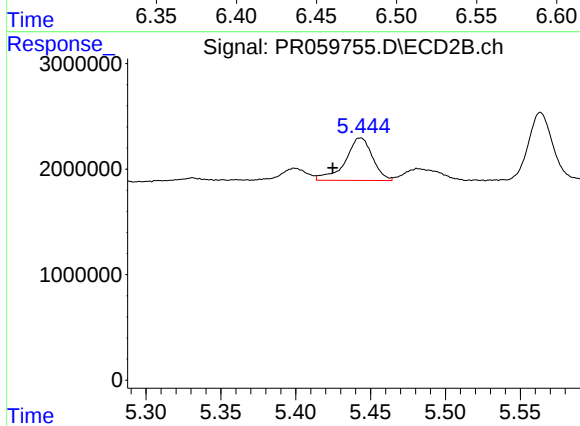
#27 AR-1254-2

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 1313585
Conc: 6.74 ng/ml



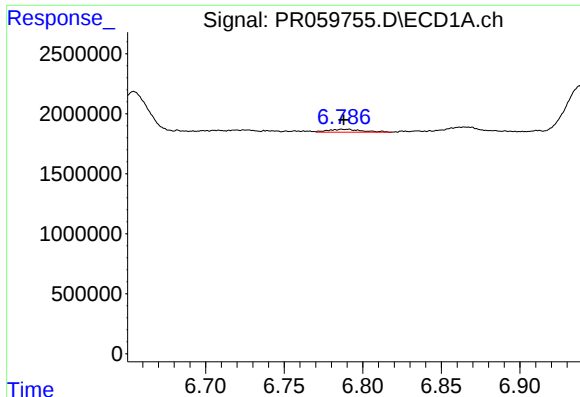
#28 AR-1254-3

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 502882
Conc: 3.42 ng/ml



#28 AR-1254-3

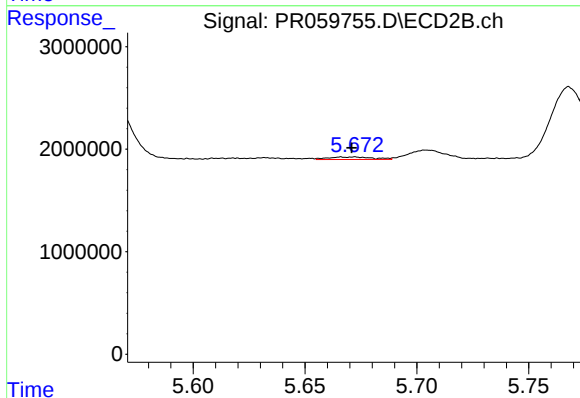
R.T.: 5.443 min
Delta R.T.: 0.018 min
Response: 5121751
Conc: 16.48 ng/ml



#29 AR-1254-4

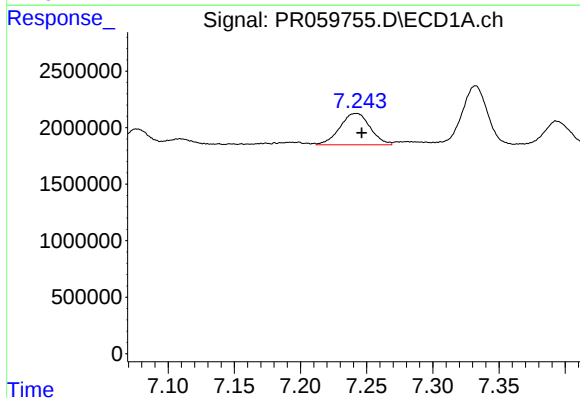
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 353586
Conc: 3.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



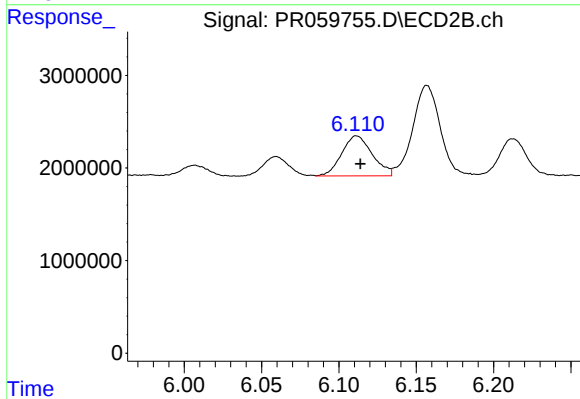
#29 AR-1254-4

R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 341999
Conc: 1.90 ng/ml



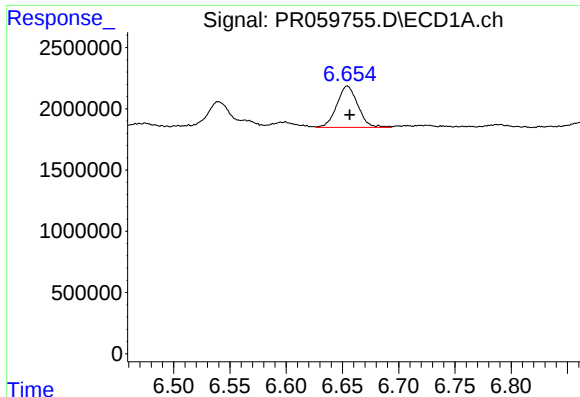
#30 AR-1254-5

R.T.: 7.242 min
Delta R.T.: -0.004 min
Response: 4431890
Conc: 37.25 ng/ml



#30 AR-1254-5

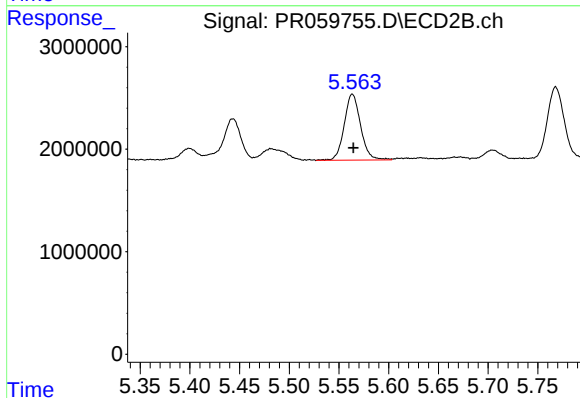
R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 5944595
Conc: 21.61 ng/ml



#31 AR-1260-1

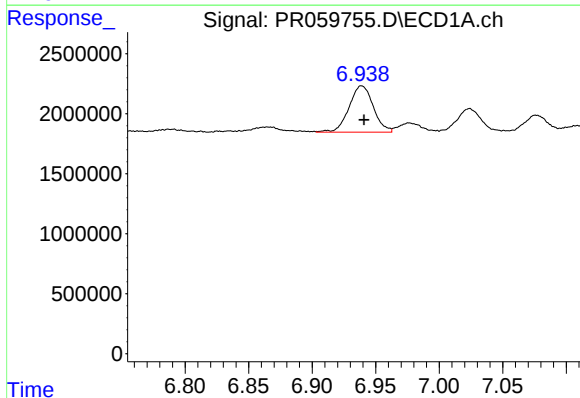
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 4396158
Conc: 36.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



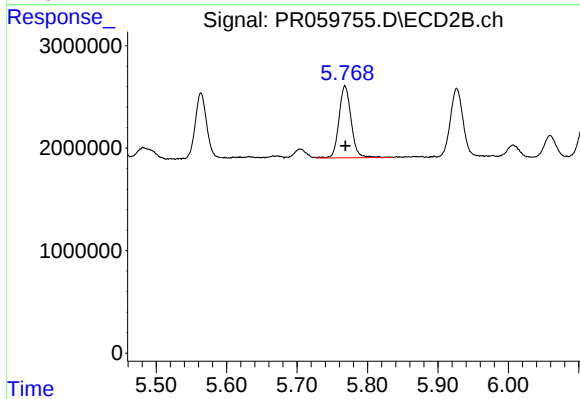
#31 AR-1260-1

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 7414697
Conc: 32.27 ng/ml



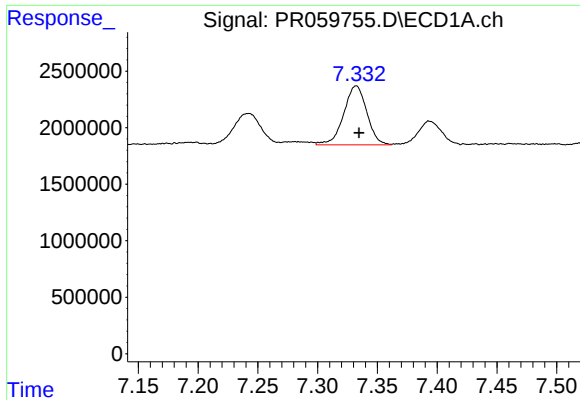
#32 AR-1260-2

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 5120263
Conc: 36.77 ng/ml



#32 AR-1260-2

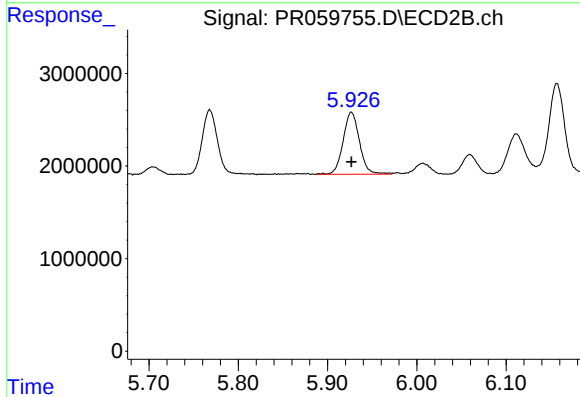
R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 8441132
Conc: 31.22 ng/ml



#33 AR-1260-3

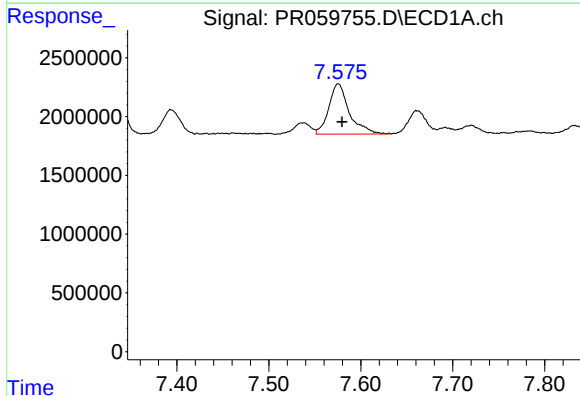
R.T.: 7.332 min
Delta R.T.: -0.002 min
Response: 7015644
Conc: 65.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



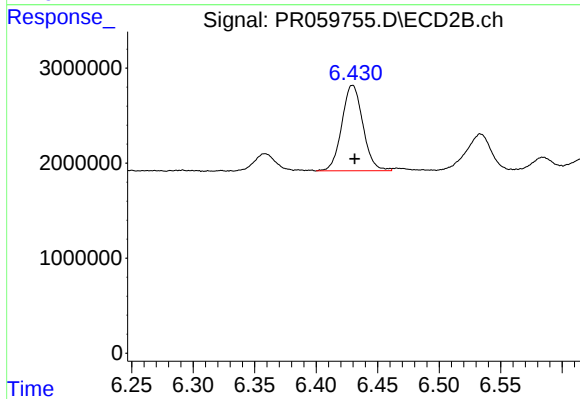
#33 AR-1260-3

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 8560105
Conc: 33.31 ng/ml



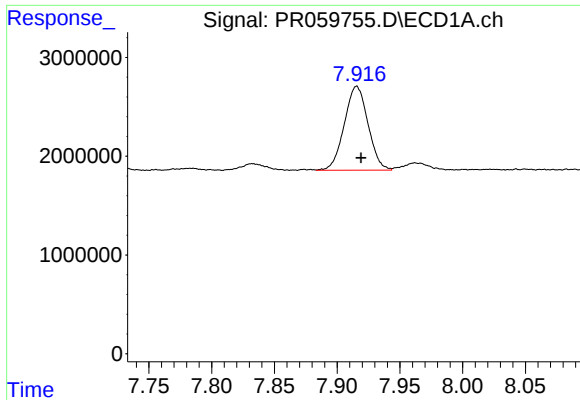
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: -0.004 min
Response: 6640934
Conc: 54.10 ng/ml



#34 AR-1260-4

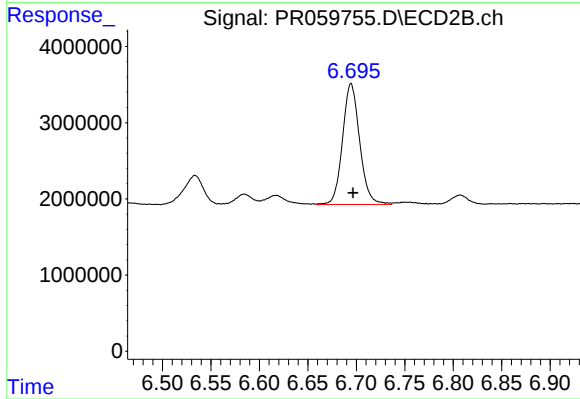
R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 10727118
Conc: 50.39 ng/ml



#35 AR-1260-5

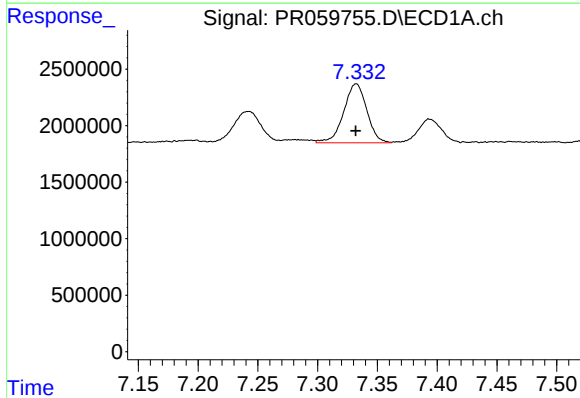
R.T.: 7.916 min
Delta R.T.: -0.003 min
Response: 11182149
Conc: 49.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



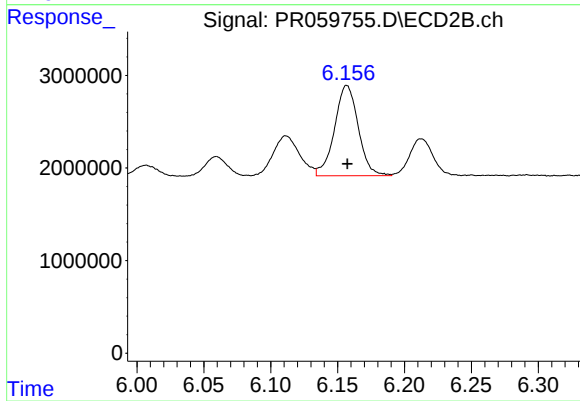
#35 AR-1260-5

R.T.: 6.695 min
Delta R.T.: -0.002 min
Response: 19546603
Conc: 40.54 ng/ml



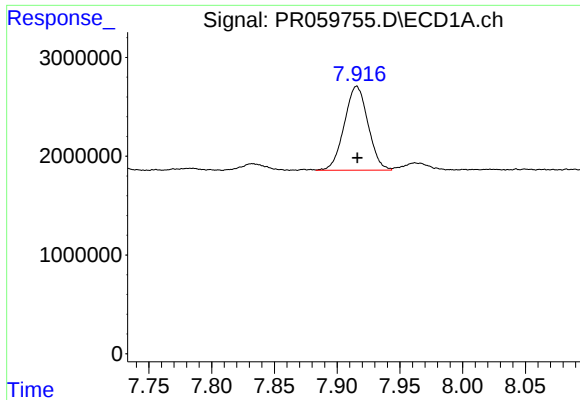
#36 AR-1262-1

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 7015644
Conc: 50.13 ng/ml



#36 AR-1262-1

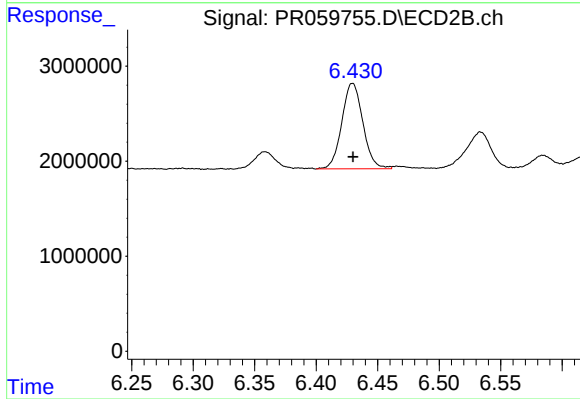
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 12060389
Conc: 41.69 ng/ml



#37 AR-1262-2

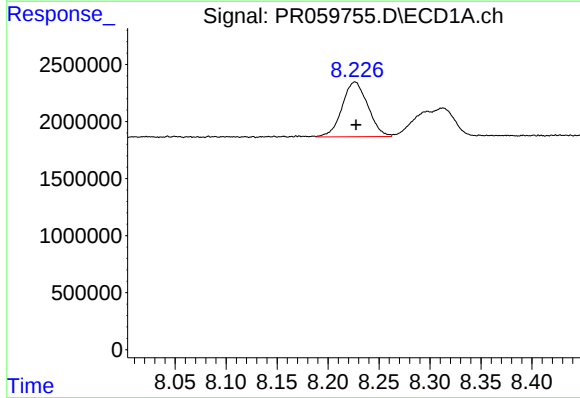
R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 11182149
Conc: 47.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



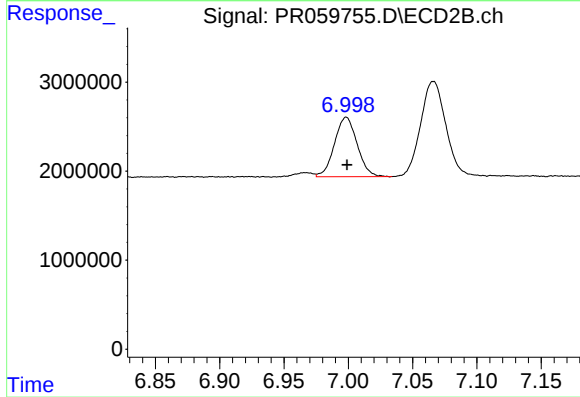
#37 AR-1262-2

R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 10727118
Conc: 41.73 ng/ml



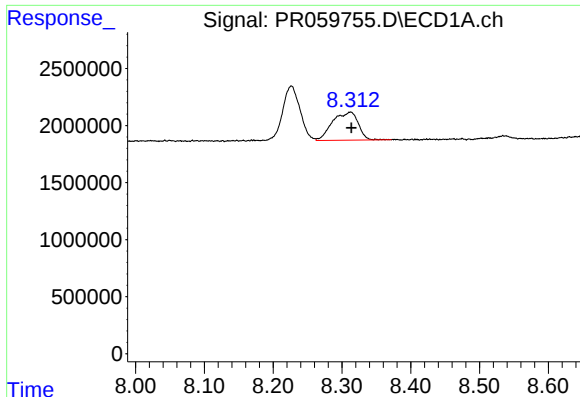
#38 AR-1262-3

R.T.: 8.226 min
Delta R.T.: -0.001 min
Response: 8420084
Conc: 49.28 ng/ml



#38 AR-1262-3

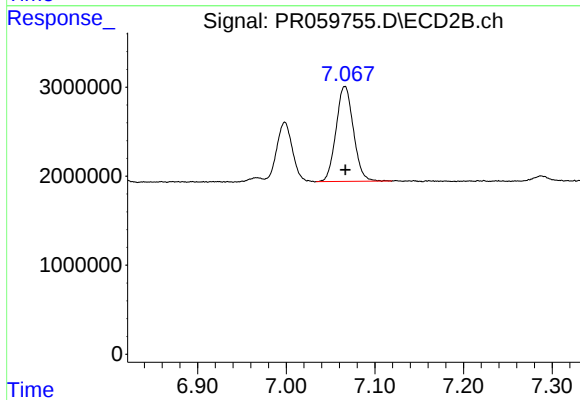
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 8208736
Conc: 42.22 ng/ml



#39 AR-1262-4

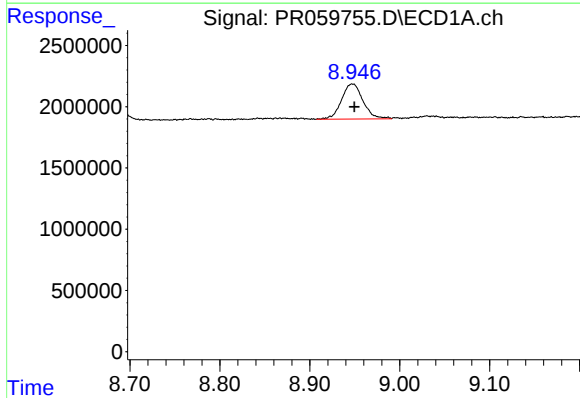
R.T.: 8.312 min
Delta R.T.: -0.001 min
Response: 6385260
Conc: 48.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



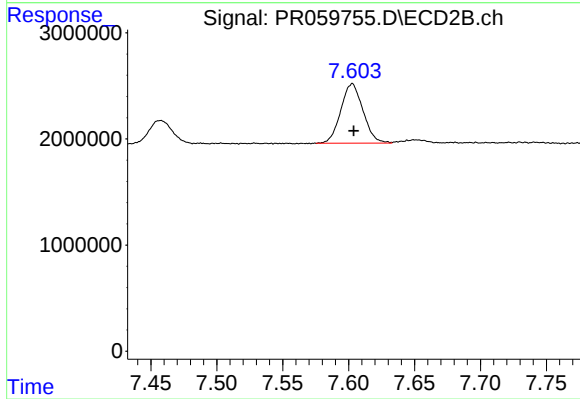
#39 AR-1262-4

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 14534550
Conc: 39.83 ng/ml



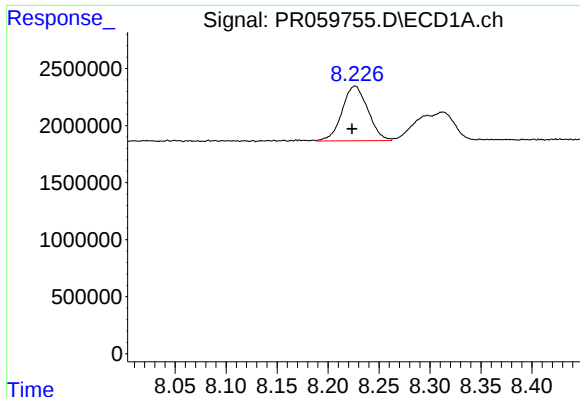
#40 AR-1262-5

R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 4756202
Conc: 50.16 ng/ml



#40 AR-1262-5

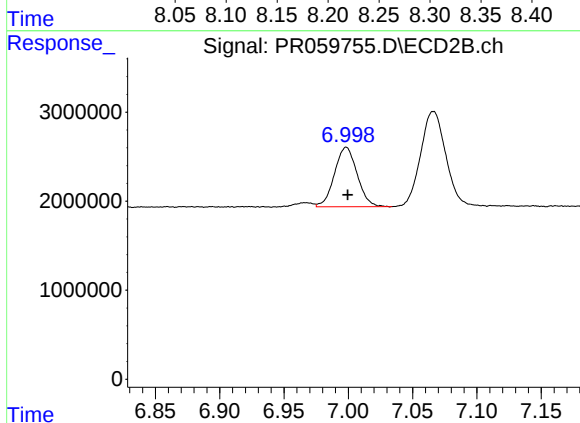
R.T.: 7.603 min
Delta R.T.: -0.001 min
Response: 6566745
Conc: 41.56 ng/ml



#41 AR-1268-1

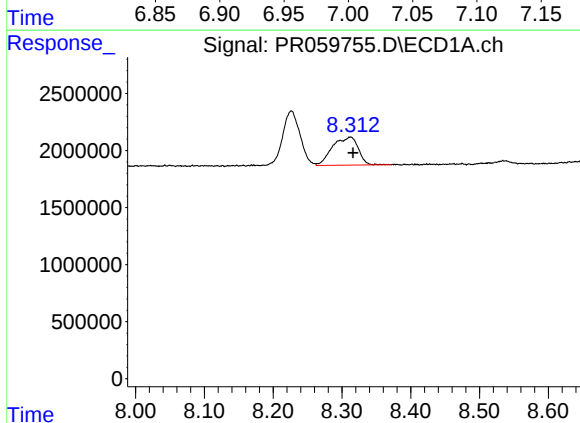
R.T.: 8.226 min
Delta R.T.: 0.003 min
Response: 8420084
Conc: 27.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



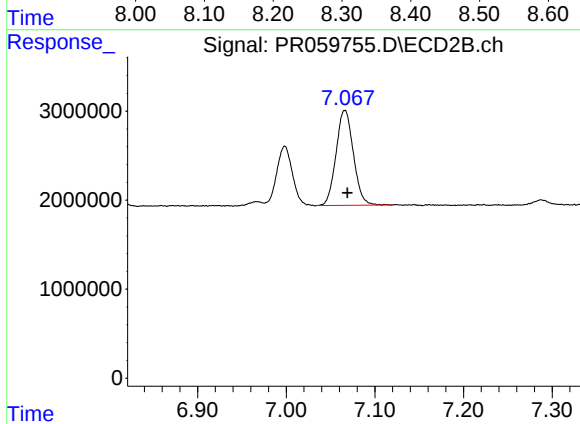
#41 AR-1268-1

R.T.: 6.998 min
Delta R.T.: -0.001 min
Response: 8208736
Conc: 13.26 ng/ml



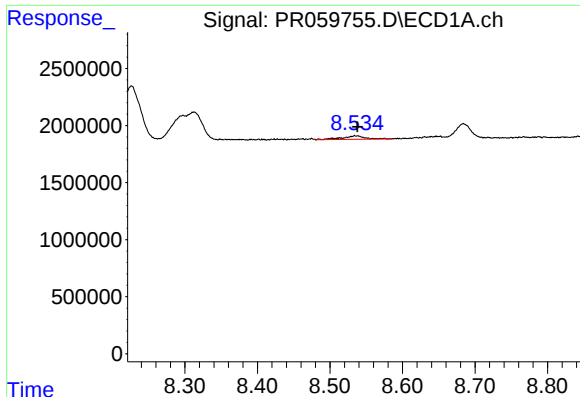
#42 AR-1268-2

R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 6385260
Conc: 22.95 ng/ml



#42 AR-1268-2

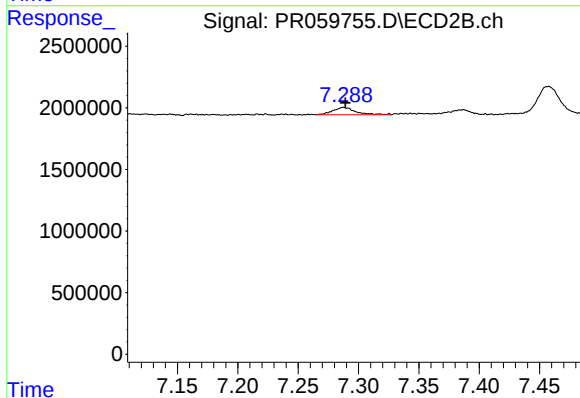
R.T.: 7.066 min
Delta R.T.: -0.003 min
Response: 14534550
Conc: 26.22 ng/ml



#43 AR-1268-3

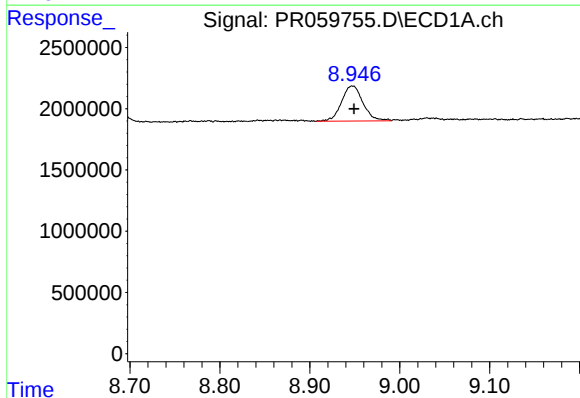
R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 651547
Conc: 2.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



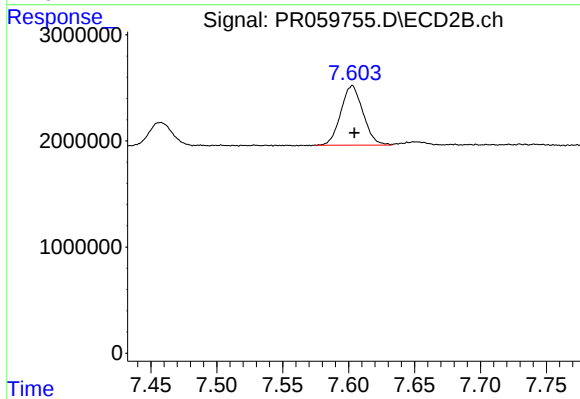
#43 AR-1268-3

R.T.: 7.288 min
Delta R.T.: -0.001 min
Response: 769799
Conc: 1.59 ng/ml



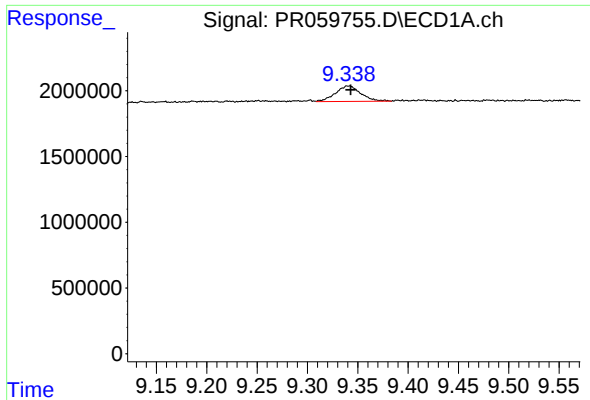
#44 AR-1268-4

R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 4756202
Conc: 43.31 ng/ml



#44 AR-1268-4

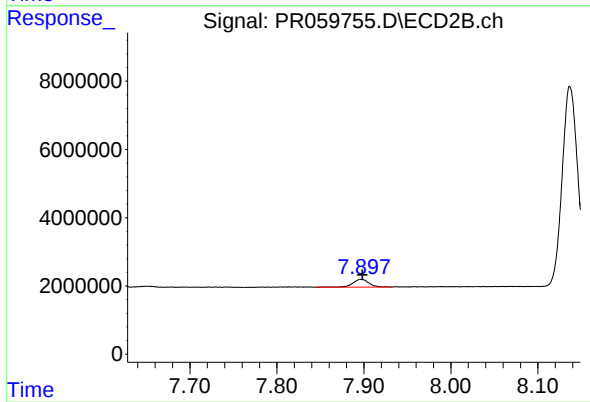
R.T.: 7.603 min
Delta R.T.: -0.002 min
Response: 6566745
Conc: 36.28 ng/ml



#45 AR-1268-5

R.T.: 9.341 min
Delta R.T.: -0.002 min
Response: 2045857
Conc: 2.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.897 min
Delta R.T.: -0.002 min
Response: 2914880
Conc: 1.98 ng/ml