

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 03:51
 Operator : YP\AJ
 Sample : 01627-08
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:07:57 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	56434092	81001404	18.889	18.714
2) SA Decachlor...	9.658	8.137	51221880	73717919	22.331	20.896
Target Compounds						
3) L1 AR-1016-1	4.924	4.014	315383	382943	3.436	2.710
4) L1 AR-1016-2	4.924f	4.046	315383	577611	2.422	2.822
5) L1 AR-1016-3	5.015	0.000	261046	0	3.134	N.D. #
6) L1 AR-1016-4	0.000	4.262	0	5024837	N.D.	58.283 #
7) L1 AR-1016-5	5.432	4.477	1876548	3141278	28.500	28.057
8) L2 AR-1221-1	0.000	3.154f	0	211601	N.D.	5.579 #
9) L2 AR-1221-2	4.004	3.207	975293	1058639	43.329	37.523
12) L3 AR-1232-2	0.000	4.046	0	577611	N.D.	6.553 #
13) L3 AR-1232-3	4.924f	0.000	315383	0	5.389	N.D. #
14) L3 AR-1232-4	0.000	4.302	0	1512395	N.D.	37.656 #
15) L3 AR-1232-5	5.218	4.477	3423068	3141278	152.329	68.731 #
16) L4 AR-1242-1	4.924	4.014	315383	382943	4.317	3.464
17) L4 AR-1242-2	4.924f	4.046	315383	577611	3.083	3.576
18) L4 AR-1242-3	5.015	0.000	261046	0	3.974	N.D. #
19) L4 AR-1242-4	0.000	4.302	0	1512395	N.D.	18.764 #
20) L4 AR-1242-5	5.911	4.846	1770173	11966203	32.996	119.275 #
21) L5 AR-1248-1	4.924	4.014	315383	382943	5.680	4.612
22) L5 AR-1248-2	5.218	4.262	3423068	5024837	46.211	41.435
23) L5 AR-1248-3	5.432	4.302	1876548	1512395	21.947	12.383 #
24) L5 AR-1248-4	5.869	4.477	2443364	3141278	27.324	21.047
25) L5 AR-1248-5	5.911	4.887	1770173	2047143	19.770	14.791 #
26) L6 AR-1254-1	5.840	4.846	6048779	11966203	64.965	52.722
27) L6 AR-1254-2	6.078	5.004	8838665	10549456	62.538	54.120
28) L6 AR-1254-3	6.473	5.424	9075506	15840392	61.790	50.970
29) L6 AR-1254-4	6.787	5.670	6276387	9695683	59.191	53.738
30) L6 AR-1254-5	7.244	6.113	7091274	14345782	59.609	52.145
31) L7 AR-1260-1	6.655	5.565	3823685	8217567	31.486	35.765
32) L7 AR-1260-2	6.939	5.768	4208539	7047014	30.224	26.065
33) L7 AR-1260-3	7.308f	5.922	782761	6923032	7.345	26.941 #
34) L7 AR-1260-4	7.555f	6.430	3040542	688182	24.768	3.232 #
35) L7 AR-1260-5	7.914	6.695	966255	1612355	4.240	3.344
36) L8 AR-1262-1	7.308f	6.183f	782761	1243090	5.594	4.297
37) L8 AR-1262-2	7.914	6.430	966255	688182	4.065	2.677 #
38) L8 AR-1262-3	8.234	0.000	841794	0	4.927	N.D. #
39) L8 AR-1262-4	0.000	7.061	0	1678628	N.D.	4.600 #
41) L9 AR-1268-1	8.234	0.000	841794	0	2.746	N.D. #
42) L9 AR-1268-2	0.000	7.061	0	1678628	N.D.	3.028 #
43) L9 AR-1268-3	0.000	7.287	0	232257	N.D.	0.480 #
45) L9 AR-1268-5	9.342	7.894	560197	385420	0.705	0.262 #

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Quant Time: Feb 25 08:07:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 24 12:41:32 2023
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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

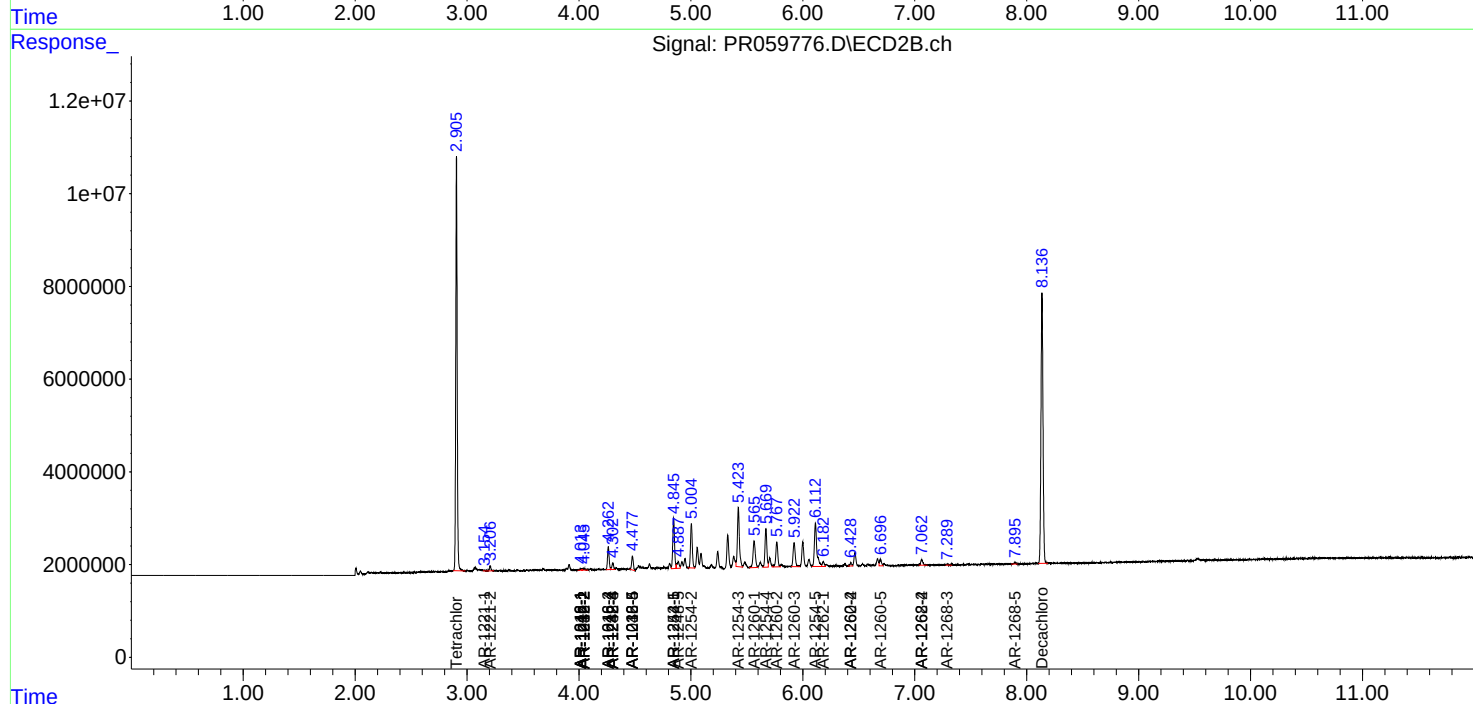
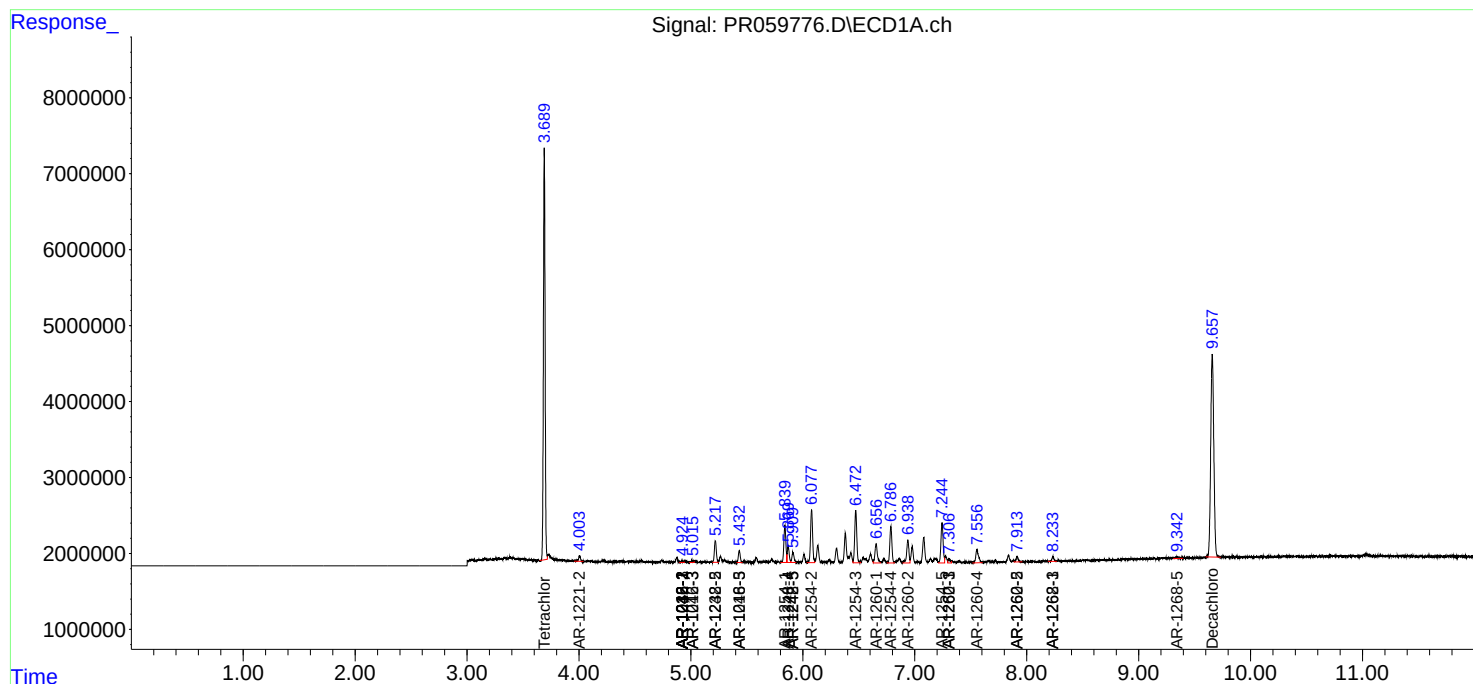
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

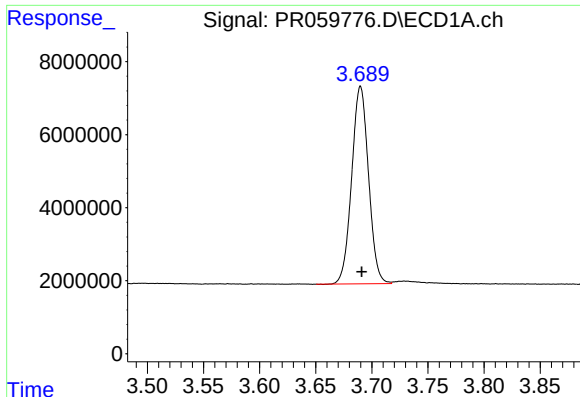
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
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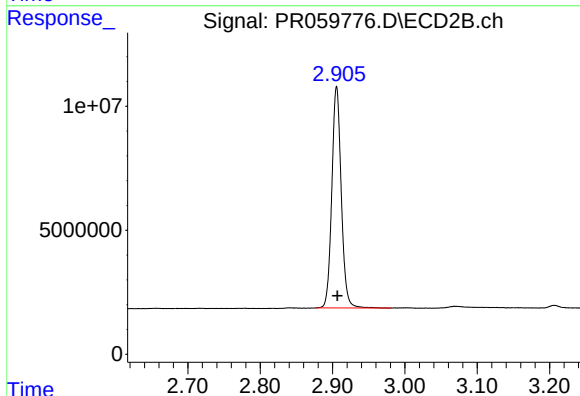




#1 Tetrachloro-m-xylene

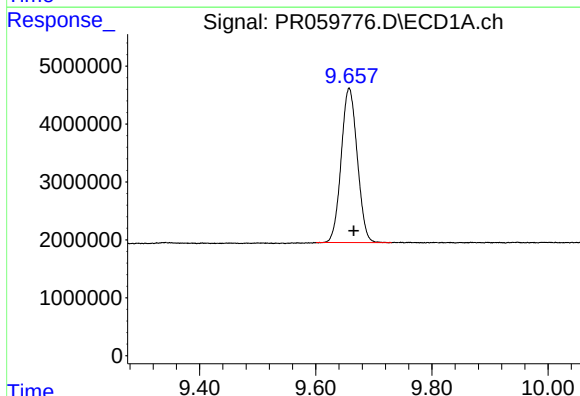
R.T.: 3.690 min
Delta R.T.: -0.001 min
Response: 56434092
Conc: 18.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



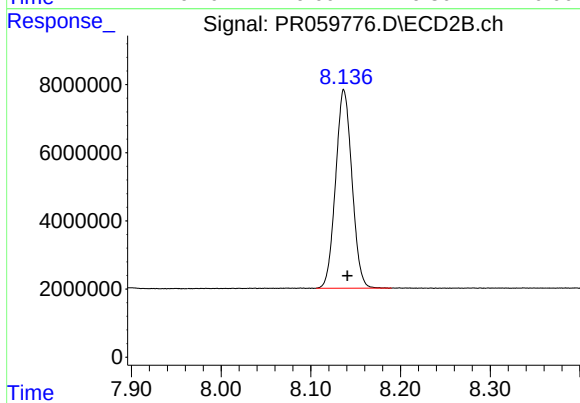
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 81001404
Conc: 18.71 ng/ml



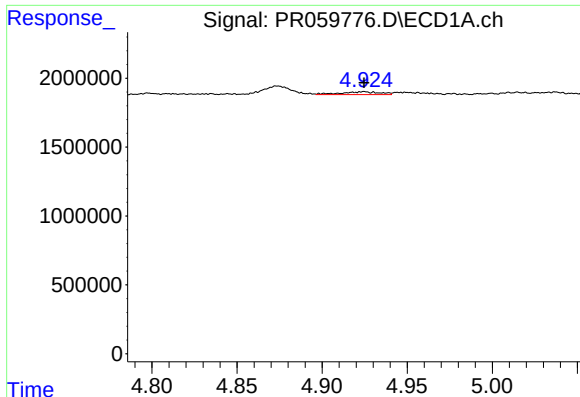
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.008 min
Response: 51221880
Conc: 22.33 ng/ml



#2 Decachlorobiphenyl

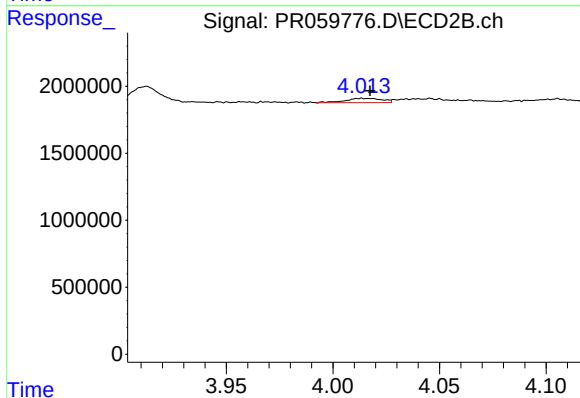
R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 73717919
Conc: 20.90 ng/ml



#3 AR-1016-1

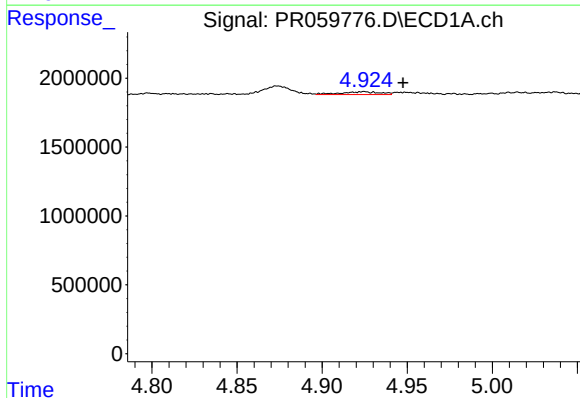
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 315383
Conc: 3.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



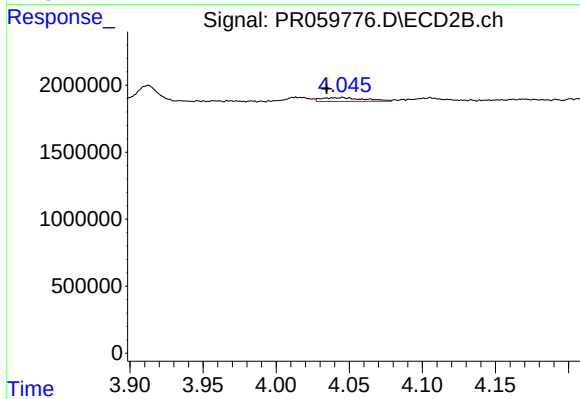
#3 AR-1016-1

R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 382943
Conc: 2.71 ng/ml



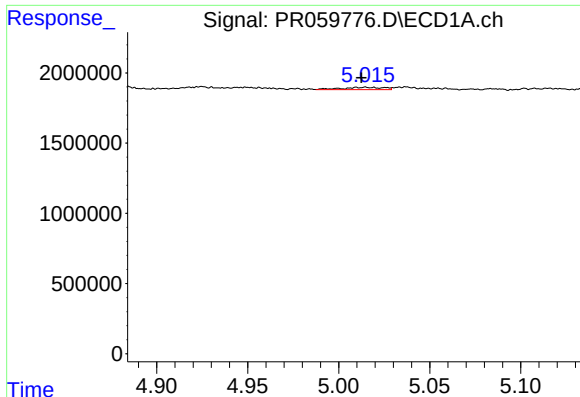
#4 AR-1016-2

R.T.: 4.924 min
Delta R.T.: -0.023 min
Response: 315383
Conc: 2.42 ng/ml



#4 AR-1016-2

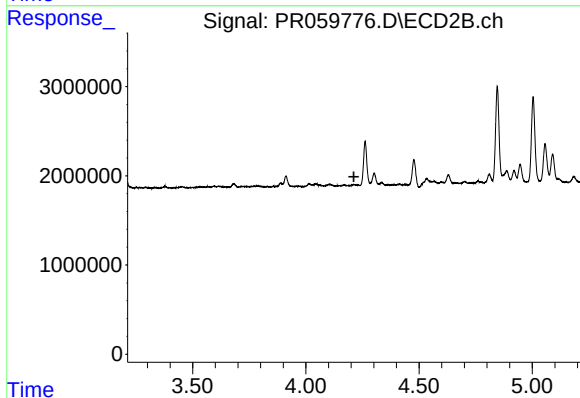
R.T.: 4.046 min
Delta R.T.: 0.011 min
Response: 577611
Conc: 2.82 ng/ml



#5 AR-1016-3

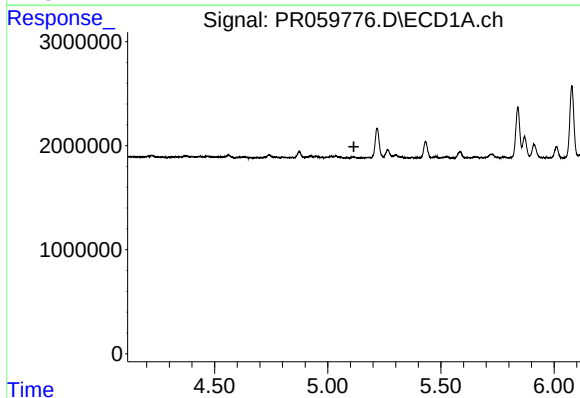
R.T.: 5.015 min
Delta R.T.: 0.002 min
Response: 261046
Conc: 3.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



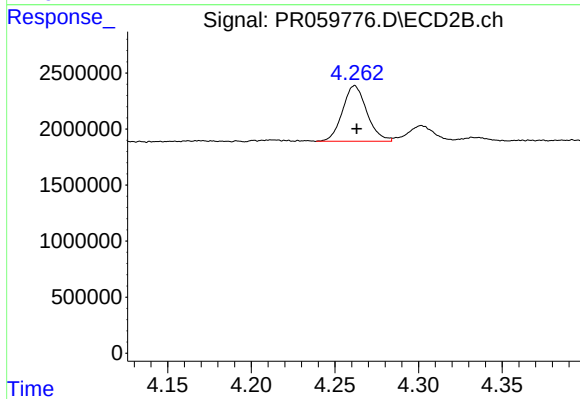
#5 AR-1016-3

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



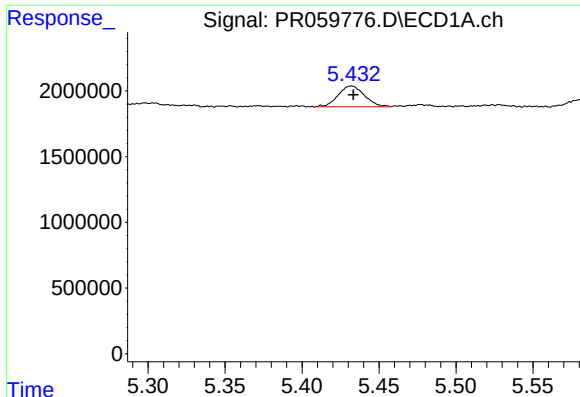
#6 AR-1016-4

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



#6 AR-1016-4

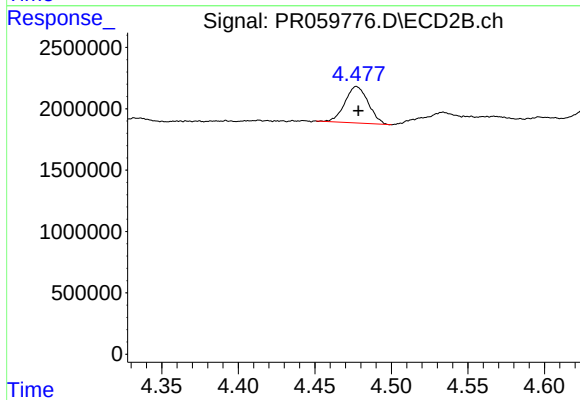
R.T.: 4.262 min
Delta R.T.: -0.001 min
Response: 5024837
Conc: 58.28 ng/ml



#7 AR-1016-5

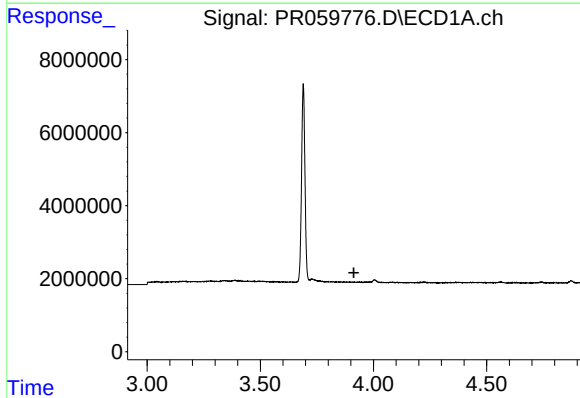
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 1876548
Conc: 28.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



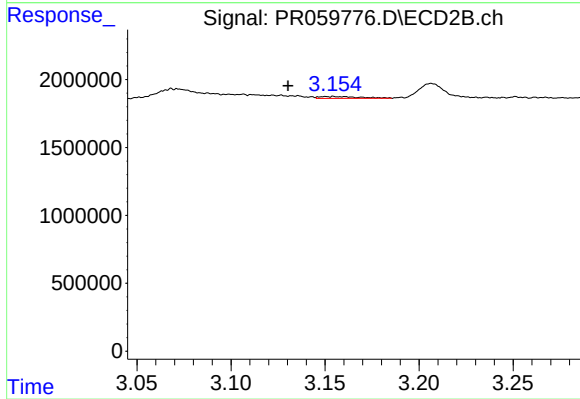
#7 AR-1016-5

R.T.: 4.477 min
Delta R.T.: -0.001 min
Response: 3141278
Conc: 28.06 ng/ml



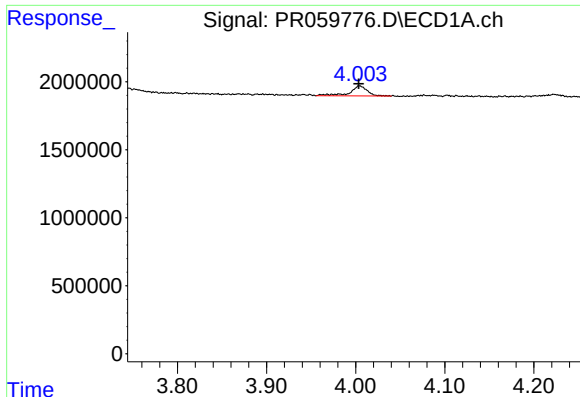
#8 AR-1221-1

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



#8 AR-1221-1

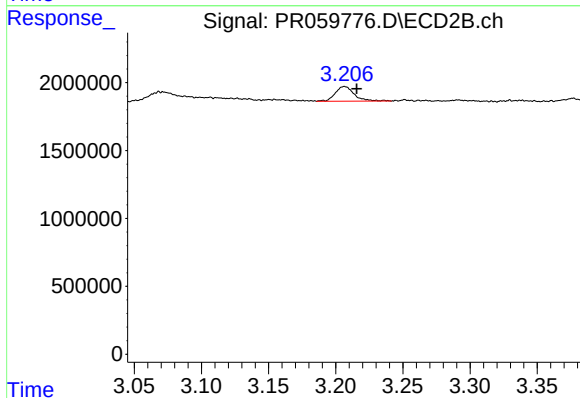
R.T.: 3.154 min
Delta R.T.: 0.024 min
Response: 211601
Conc: 5.58 ng/ml



#9 AR-1221-2

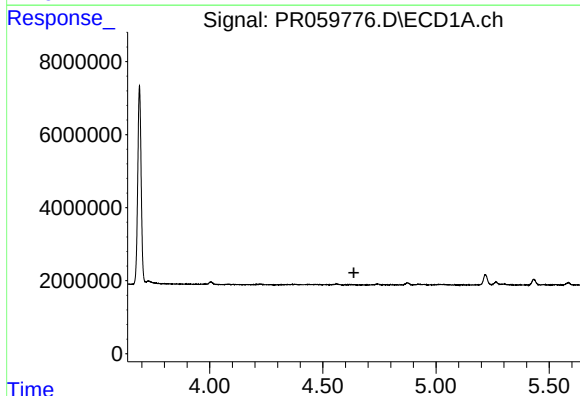
R.T.: 4.004 min
Delta R.T.: 0.001 min
Response: 975293
Conc: 43.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



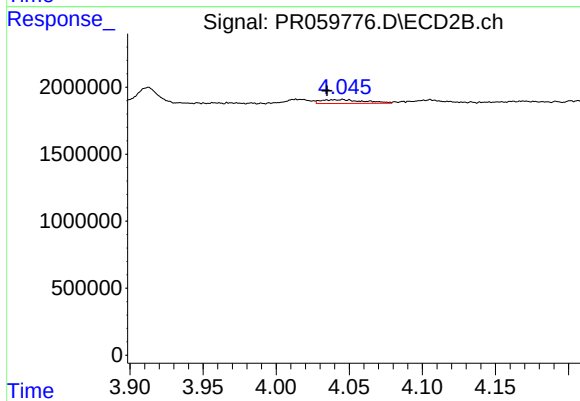
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 1058639
Conc: 37.52 ng/ml



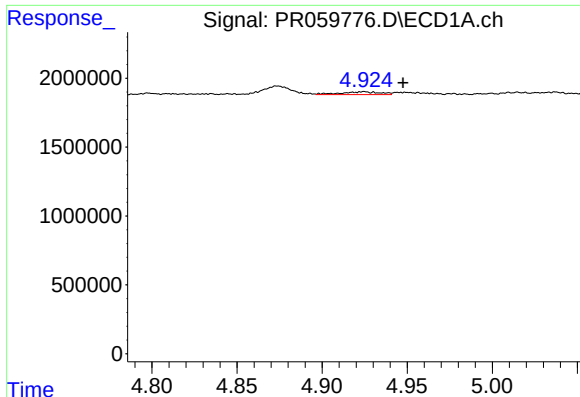
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.637 min
Response: 0
Conc: N.D.



#12 AR-1232-2

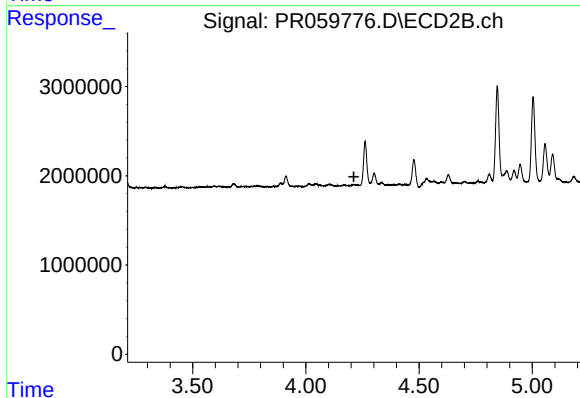
R.T.: 4.046 min
Delta R.T.: 0.011 min
Response: 577611
Conc: 6.55 ng/ml



#13 AR-1232-3

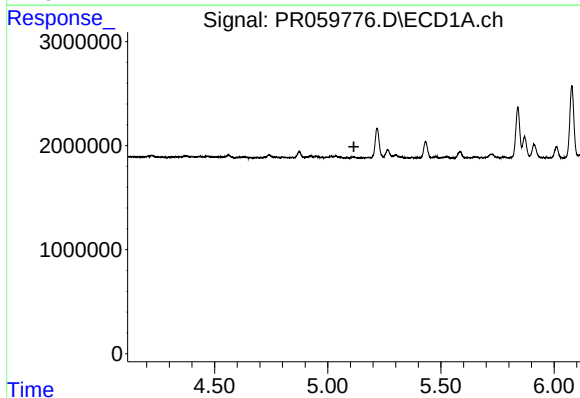
R.T.: 4.924 min
Delta R.T.: -0.023 min
Response: 315383
Conc: 5.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



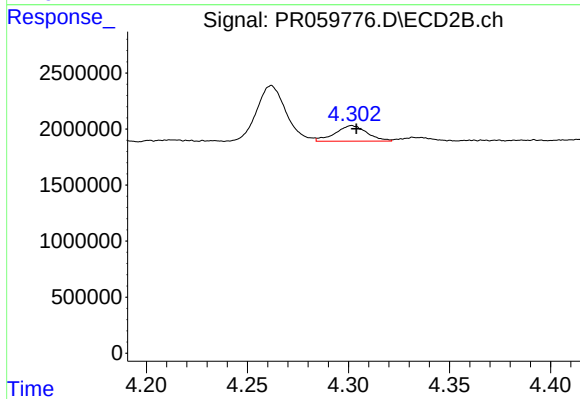
#13 AR-1232-3

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



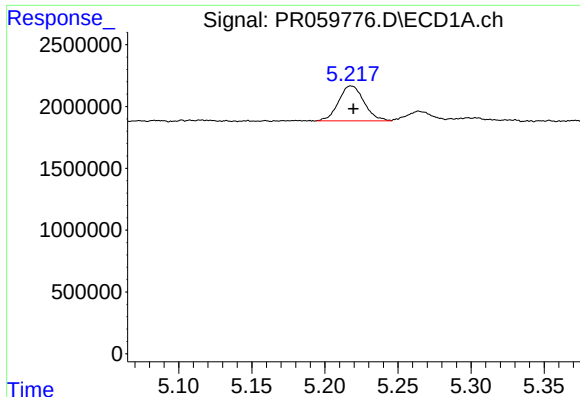
#14 AR-1232-4

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



#14 AR-1232-4

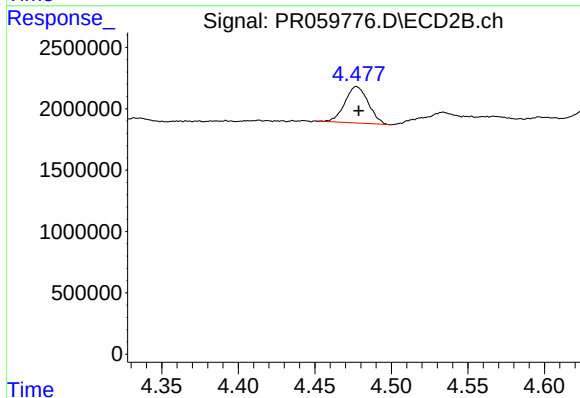
R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 1512395
Conc: 37.66 ng/ml



#15 AR-1232-5

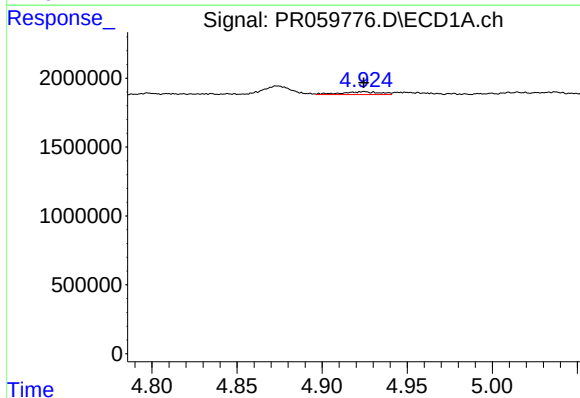
R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 3423068
Conc: 152.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



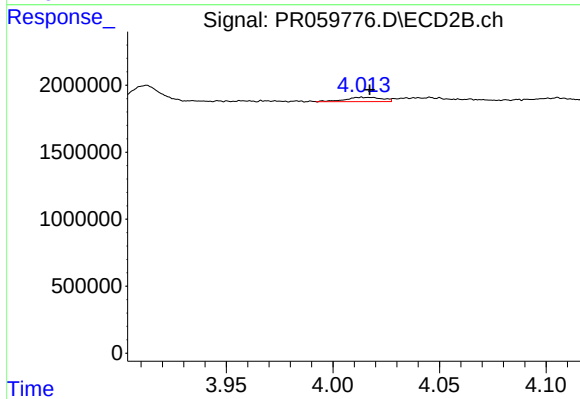
#15 AR-1232-5

R.T.: 4.477 min
Delta R.T.: -0.001 min
Response: 3141278
Conc: 68.73 ng/ml



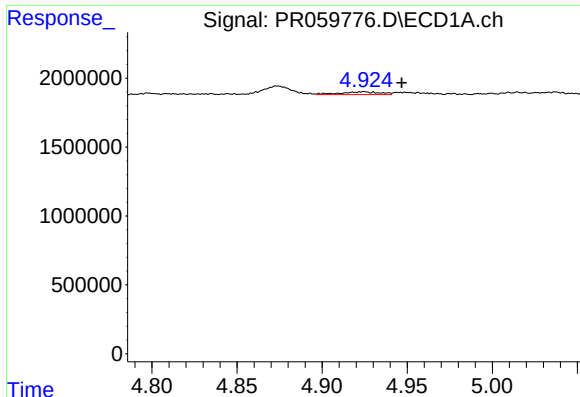
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 315383
Conc: 4.32 ng/ml



#16 AR-1242-1

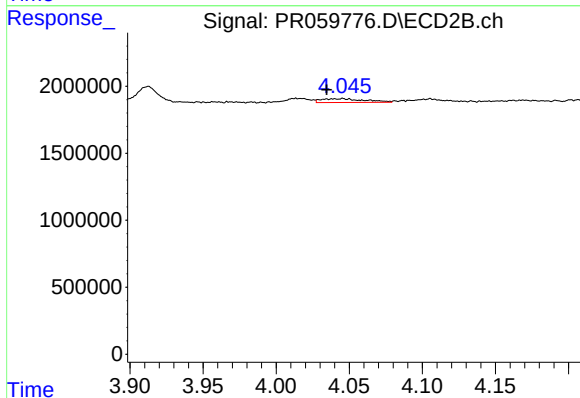
R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 382943
Conc: 3.46 ng/ml



#17 AR-1242-2

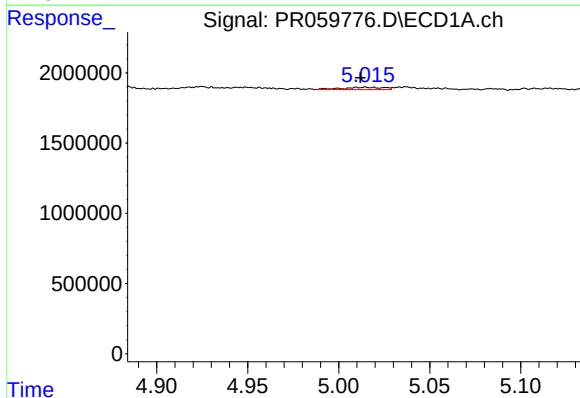
R.T.: 4.924 min
Delta R.T.: -0.022 min
Response: 315383
Conc: 3.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



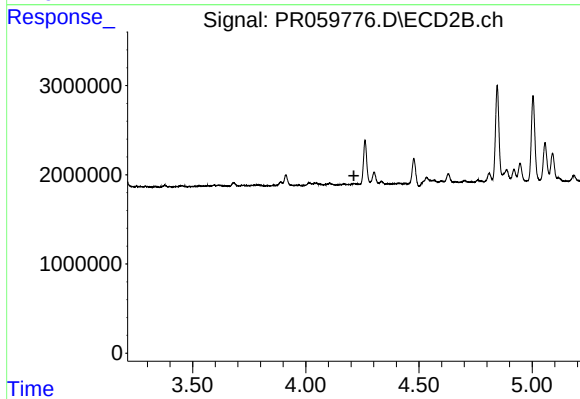
#17 AR-1242-2

R.T.: 4.046 min
Delta R.T.: 0.011 min
Response: 577611
Conc: 3.58 ng/ml



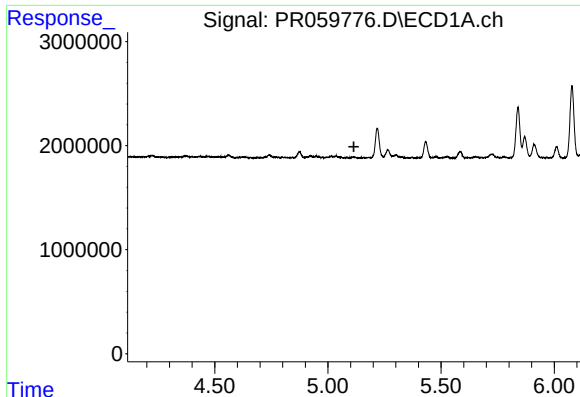
#18 AR-1242-3

R.T.: 5.015 min
Delta R.T.: 0.003 min
Response: 261046
Conc: 3.97 ng/ml



#18 AR-1242-3

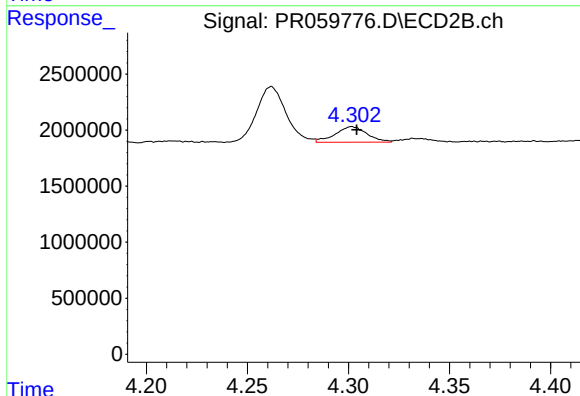
R.T.: 0.000 min
Exp R.T.: 4.212 min
Response: 0
Conc: N.D.



#19 AR-1242-4

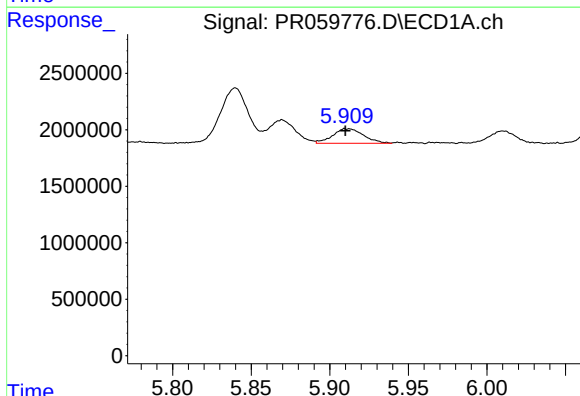
R.T.: 0.000 min
Exp R.T.: 5.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



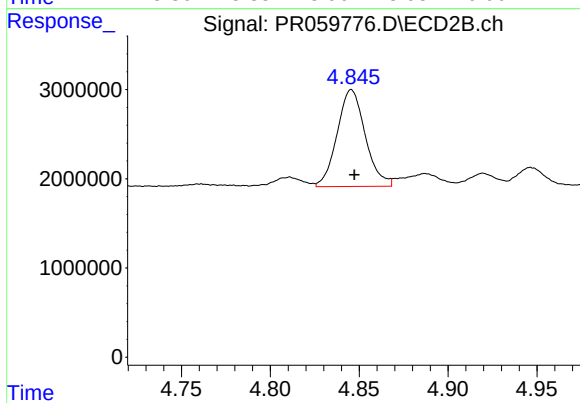
#19 AR-1242-4

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 1512395
Conc: 18.76 ng/ml



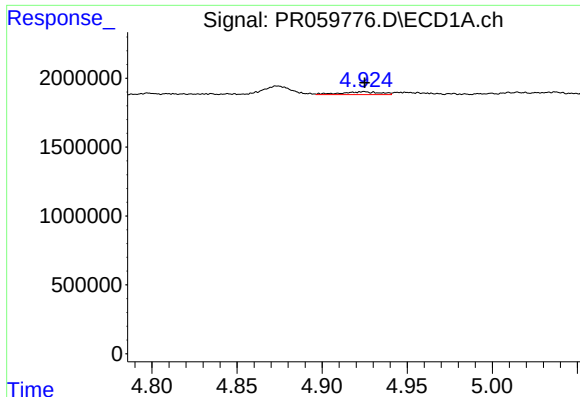
#20 AR-1242-5

R.T.: 5.911 min
Delta R.T.: 0.001 min
Response: 1770173
Conc: 33.00 ng/ml



#20 AR-1242-5

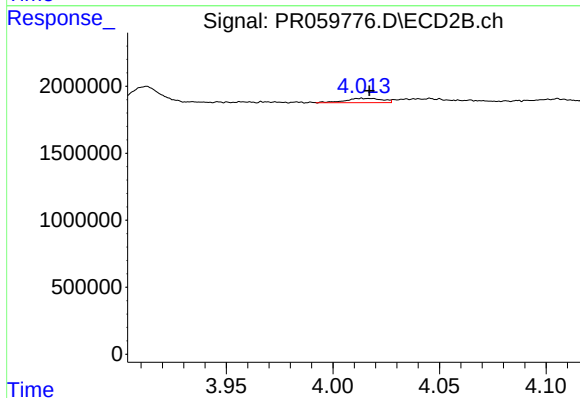
R.T.: 4.846 min
Delta R.T.: -0.002 min
Response: 11966203
Conc: 119.27 ng/ml



#21 AR-1248-1

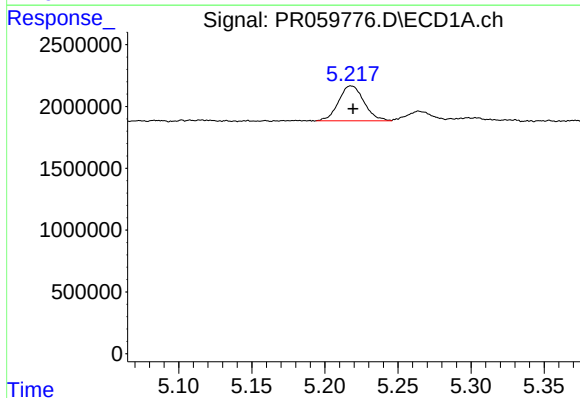
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 315383
Conc: 5.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



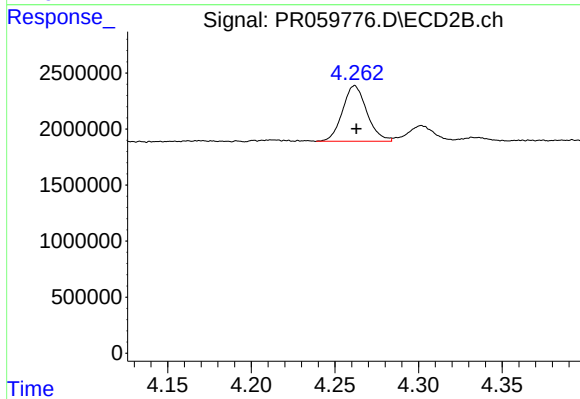
#21 AR-1248-1

R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 382943
Conc: 4.61 ng/ml



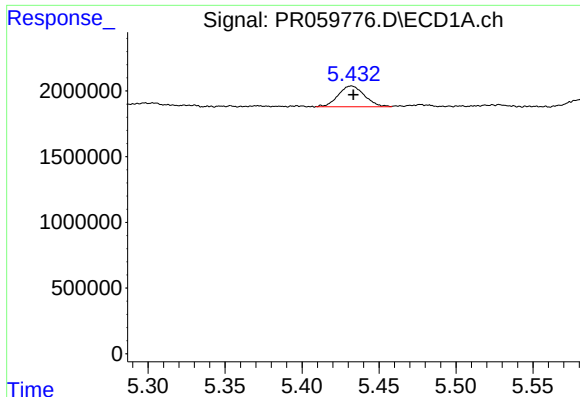
#22 AR-1248-2

R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 3423068
Conc: 46.21 ng/ml



#22 AR-1248-2

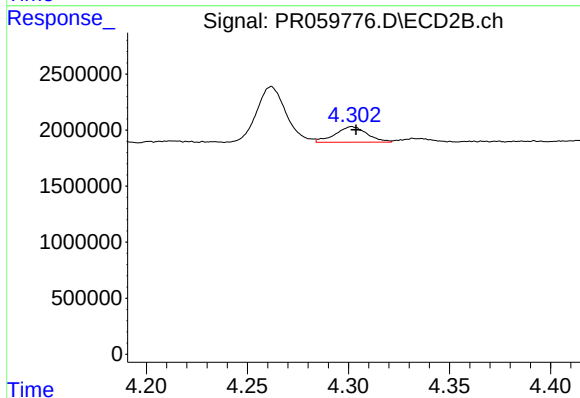
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 5024837
Conc: 41.44 ng/ml



#23 AR-1248-3

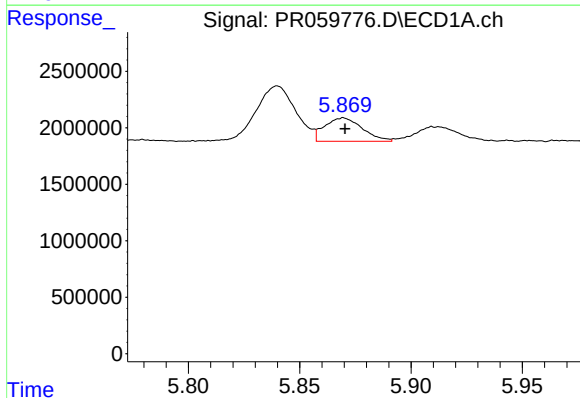
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 1876548
Conc: 21.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



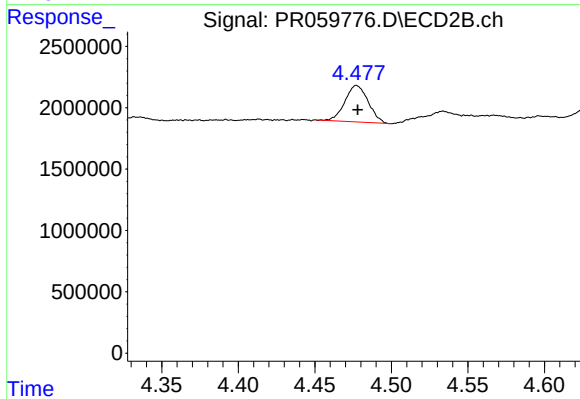
#23 AR-1248-3

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 1512395
Conc: 12.38 ng/ml



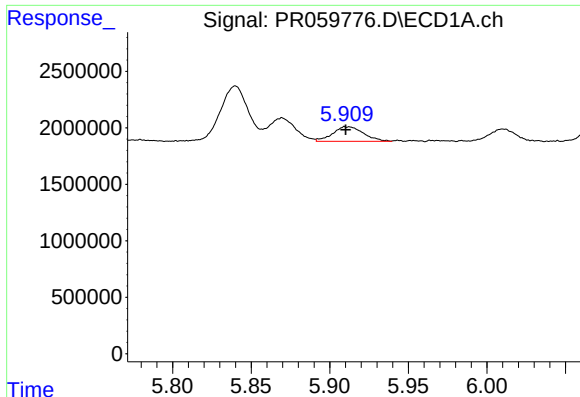
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 2443364
Conc: 27.32 ng/ml



#24 AR-1248-4

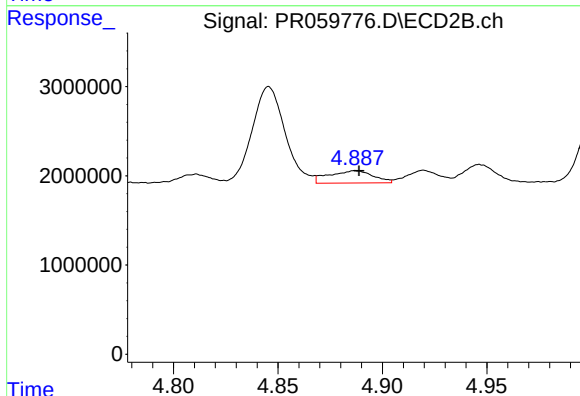
R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 3141278
Conc: 21.05 ng/ml



#25 AR-1248-5

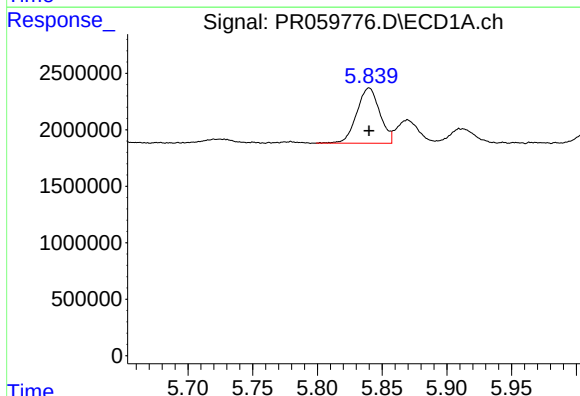
R.T.: 5.911 min
Delta R.T.: 0.001 min
Response: 1770173
Conc: 19.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



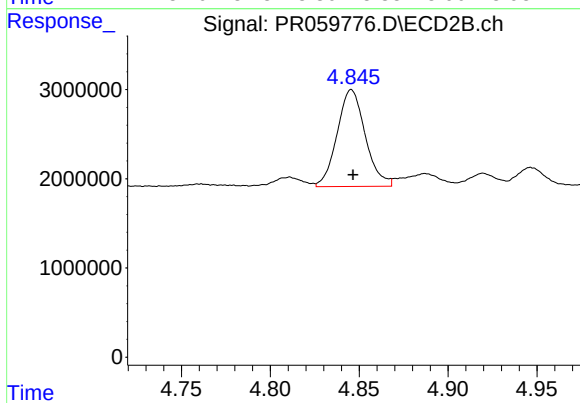
#25 AR-1248-5

R.T.: 4.887 min
Delta R.T.: -0.002 min
Response: 2047143
Conc: 14.79 ng/ml



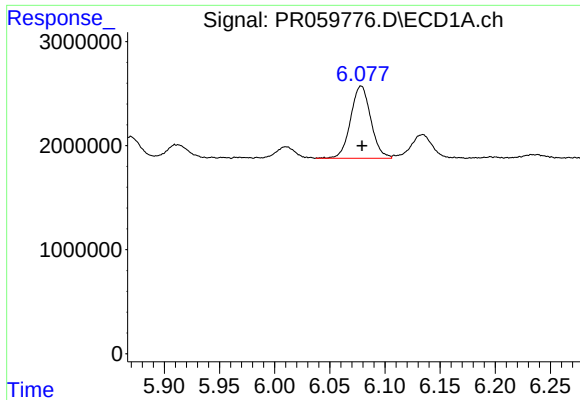
#26 AR-1254-1

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 6048779
Conc: 64.96 ng/ml



#26 AR-1254-1

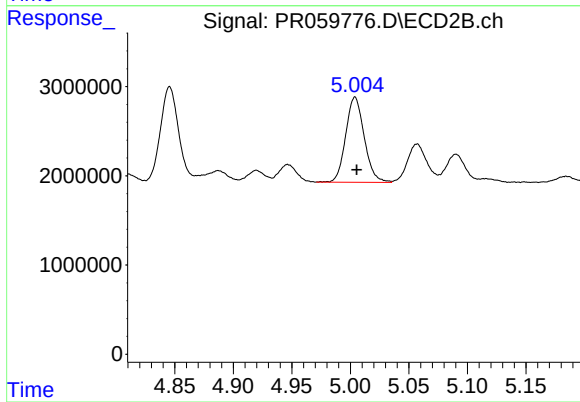
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 11966203
Conc: 52.72 ng/ml



#27 AR-1254-2

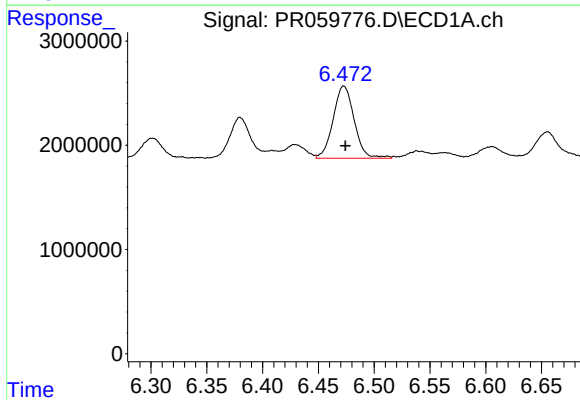
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 8838665
Conc: 62.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



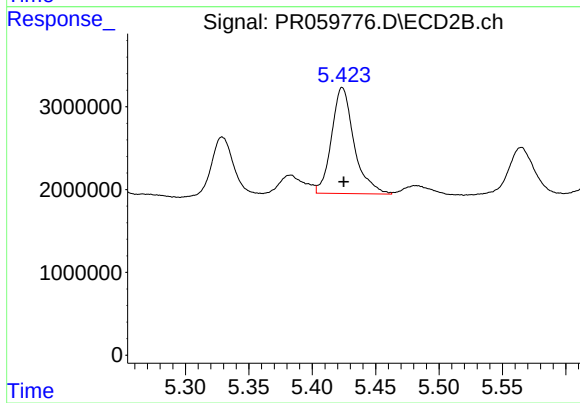
#27 AR-1254-2

R.T.: 5.004 min
Delta R.T.: -0.001 min
Response: 10549456
Conc: 54.12 ng/ml



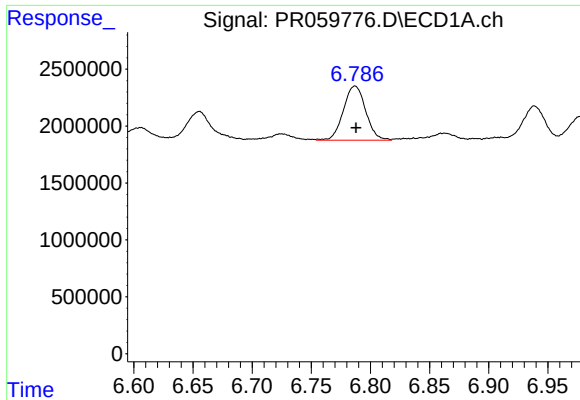
#28 AR-1254-3

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 9075506
Conc: 61.79 ng/ml



#28 AR-1254-3

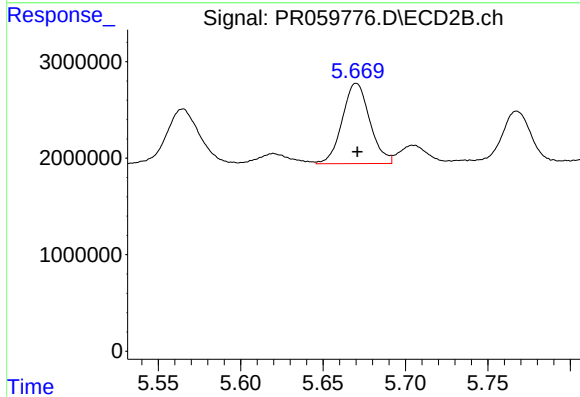
R.T.: 5.424 min
Delta R.T.: -0.001 min
Response: 15840392
Conc: 50.97 ng/ml



#29 AR-1254-4

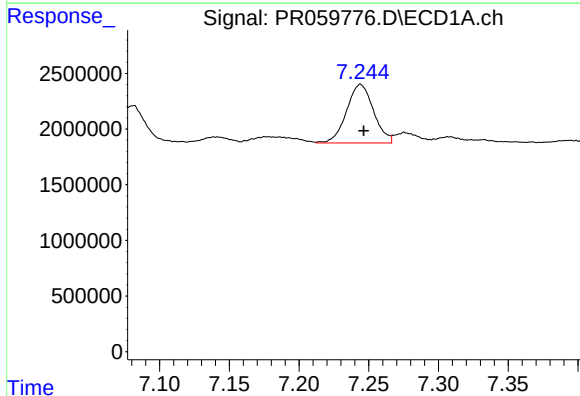
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 6276387
Conc: 59.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



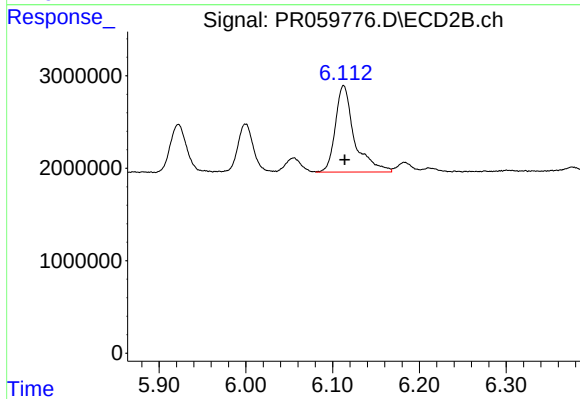
#29 AR-1254-4

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 9695683
Conc: 53.74 ng/ml



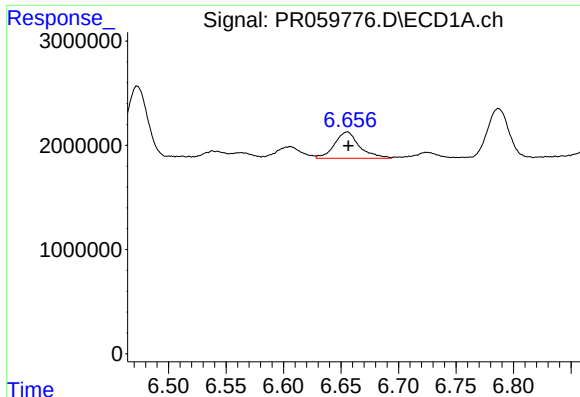
#30 AR-1254-5

R.T.: 7.244 min
Delta R.T.: -0.002 min
Response: 7091274
Conc: 59.61 ng/ml



#30 AR-1254-5

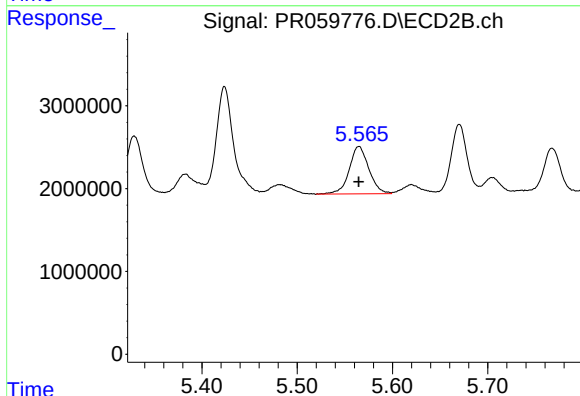
R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 14345782
Conc: 52.15 ng/ml



#31 AR-1260-1

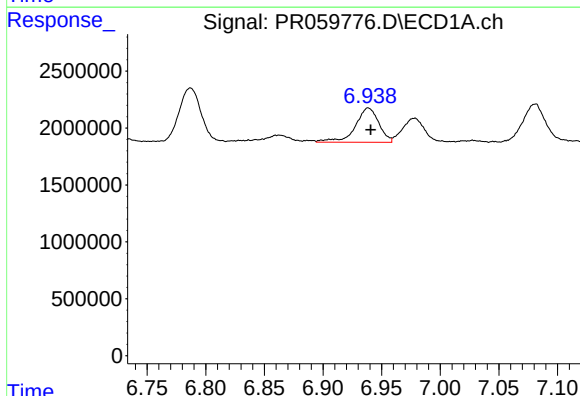
R.T.: 6.655 min
Delta R.T.: -0.001 min
Response: 3823685
Conc: 31.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



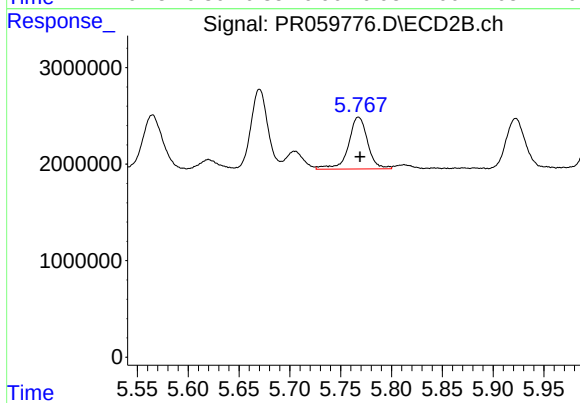
#31 AR-1260-1

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 8217567
Conc: 35.77 ng/ml



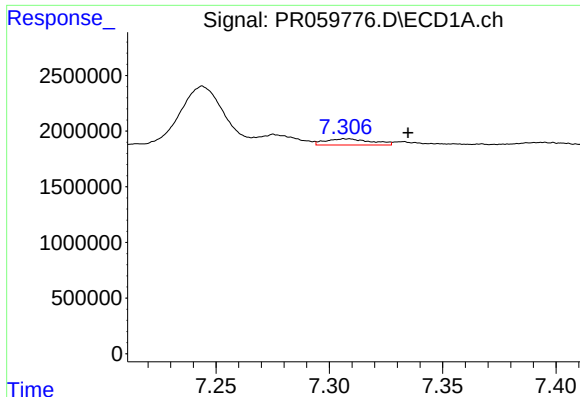
#32 AR-1260-2

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 4208539
Conc: 30.22 ng/ml



#32 AR-1260-2

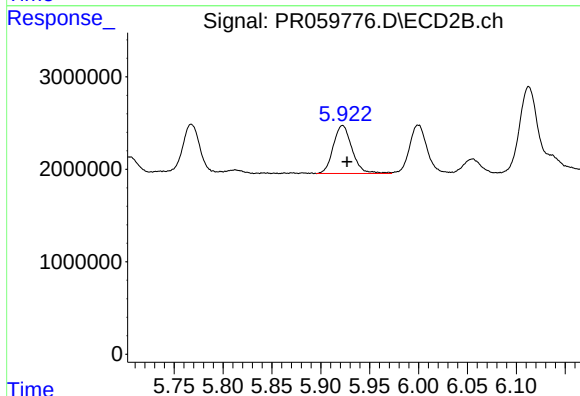
R.T.: 5.768 min
Delta R.T.: -0.001 min
Response: 7047014
Conc: 26.06 ng/ml



#33 AR-1260-3

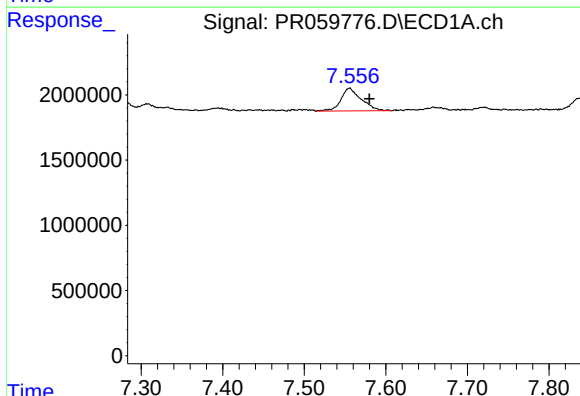
R.T.: 7.308 min
Delta R.T.: -0.027 min
Response: 782761
Conc: 7.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



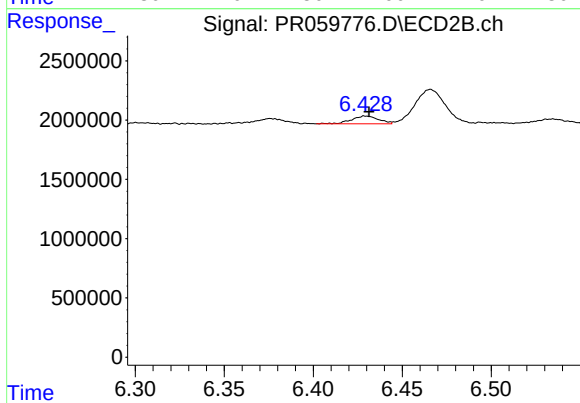
#33 AR-1260-3

R.T.: 5.922 min
Delta R.T.: -0.005 min
Response: 6923032
Conc: 26.94 ng/ml



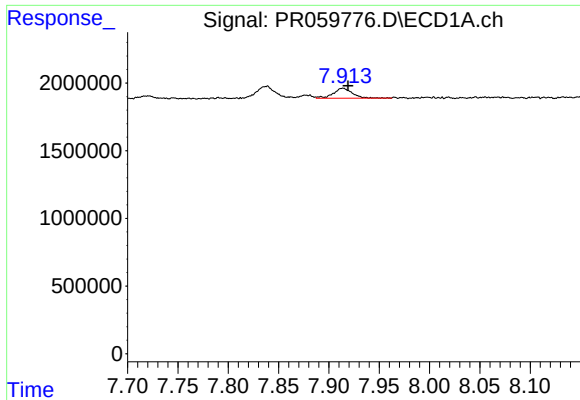
#34 AR-1260-4

R.T.: 7.555 min
Delta R.T.: -0.024 min
Response: 3040542
Conc: 24.77 ng/ml



#34 AR-1260-4

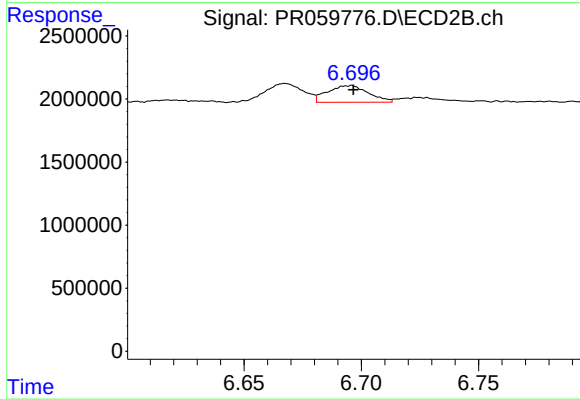
R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 688182
Conc: 3.23 ng/ml



#35 AR-1260-5

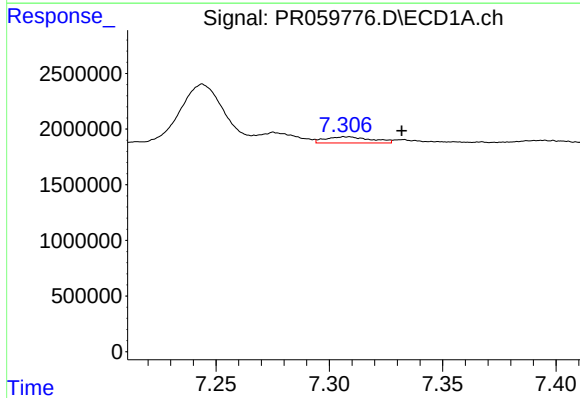
R.T.: 7.914 min
Delta R.T.: -0.005 min
Response: 966255
Conc: 4.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



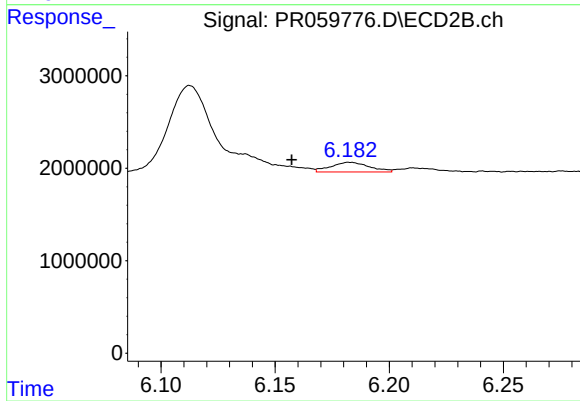
#35 AR-1260-5

R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 1612355
Conc: 3.34 ng/ml



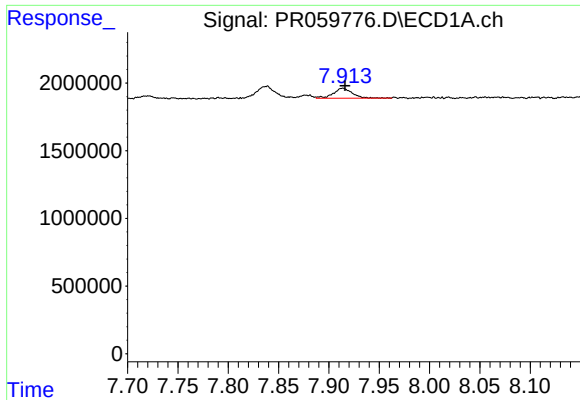
#36 AR-1262-1

R.T.: 7.308 min
Delta R.T.: -0.024 min
Response: 782761
Conc: 5.59 ng/ml



#36 AR-1262-1

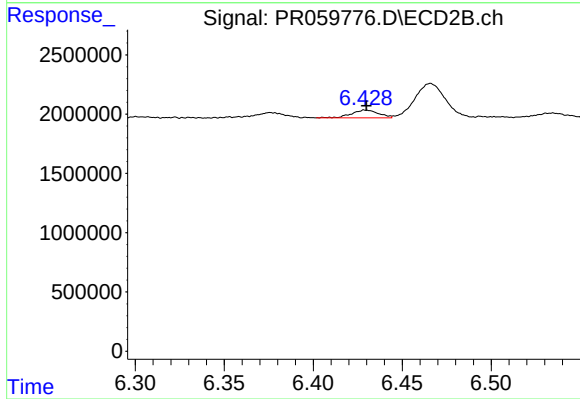
R.T.: 6.183 min
Delta R.T.: 0.026 min
Response: 1243090
Conc: 4.30 ng/ml



#37 AR-1262-2

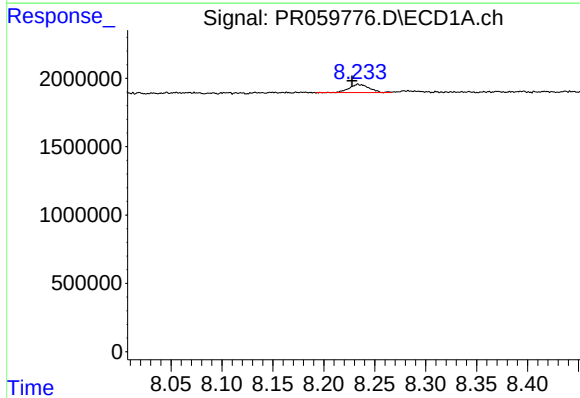
R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 966255
Conc: 4.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



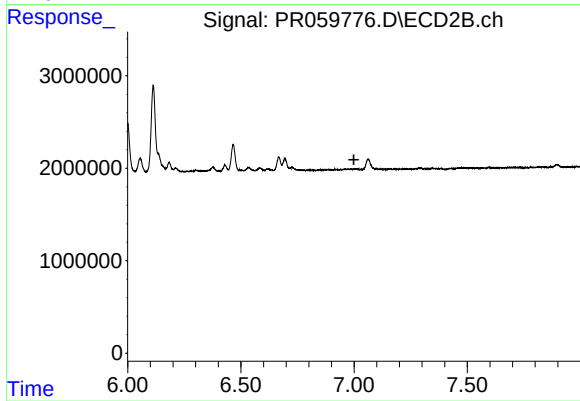
#37 AR-1262-2

R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 688182
Conc: 2.68 ng/ml



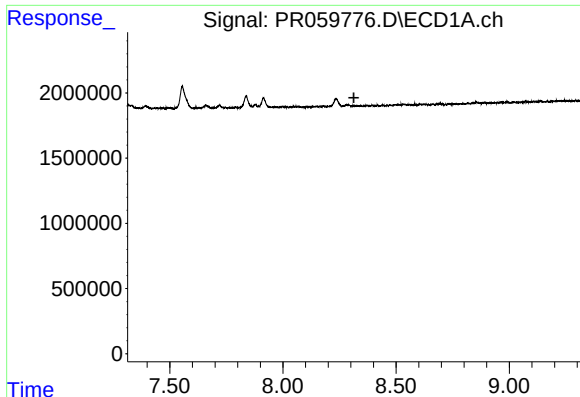
#38 AR-1262-3

R.T.: 8.234 min
Delta R.T.: 0.006 min
Response: 841794
Conc: 4.93 ng/ml



#38 AR-1262-3

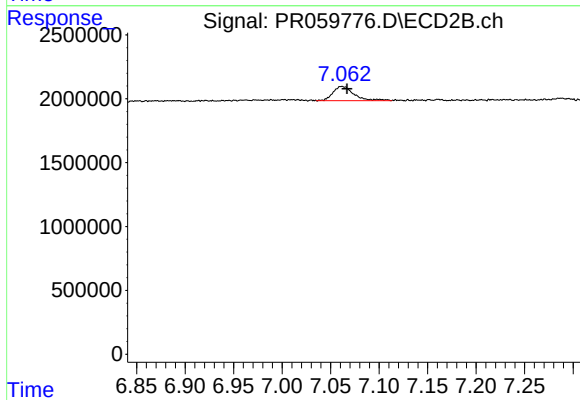
R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



#39 AR-1262-4

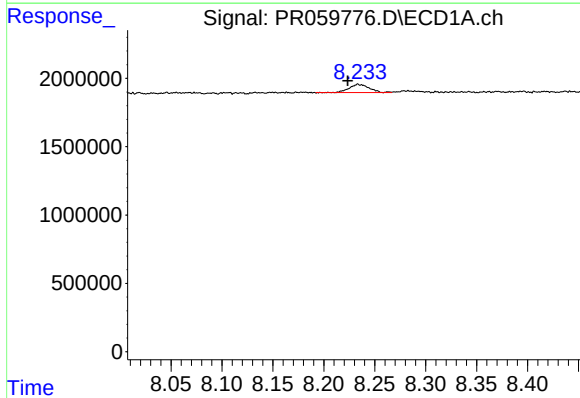
R.T.: 0.000 min
Exp R.T.: 8.314 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



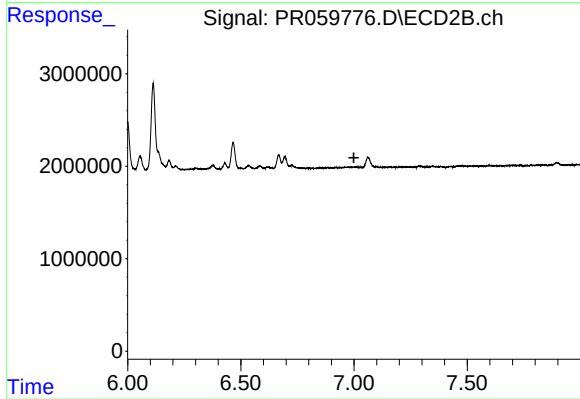
#39 AR-1262-4

R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 1678628
Conc: 4.60 ng/ml



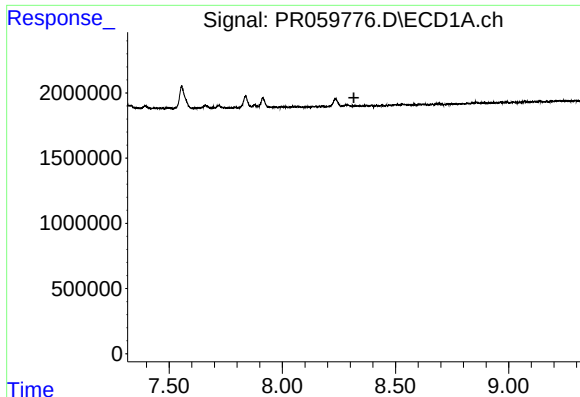
#41 AR-1268-1

R.T.: 8.234 min
Delta R.T.: 0.010 min
Response: 841794
Conc: 2.75 ng/ml



#41 AR-1268-1

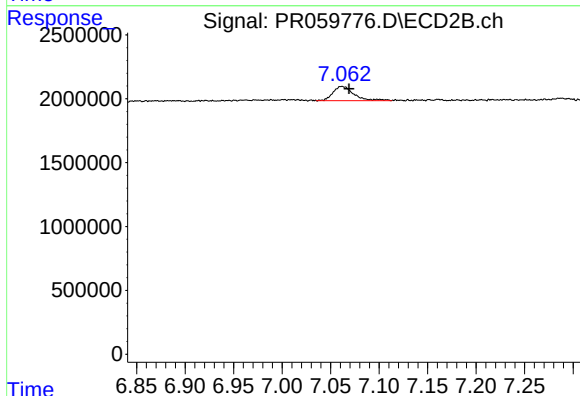
R.T.: 0.000 min
Exp R.T.: 7.000 min
Response: 0
Conc: N.D.



#42 AR-1268-2

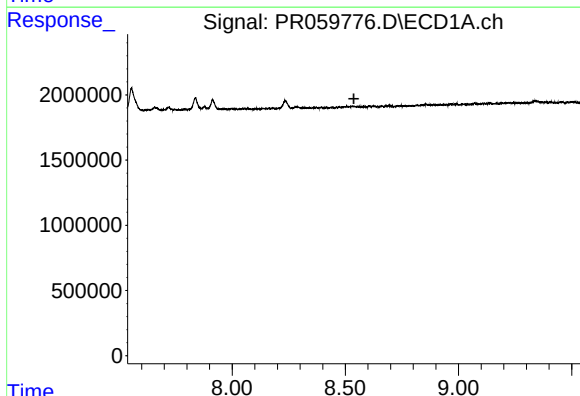
R.T.: 0.000 min
Exp R.T.: 8.316 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



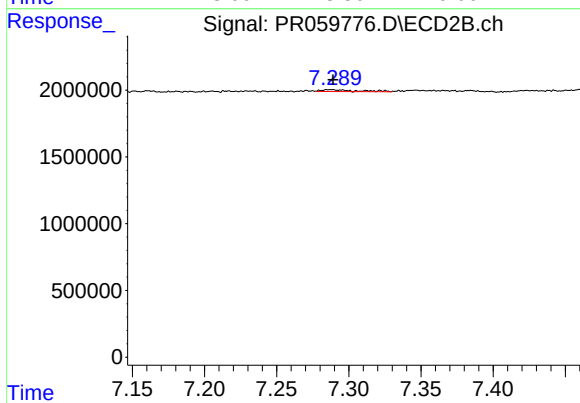
#42 AR-1268-2

R.T.: 7.061 min
Delta R.T.: -0.008 min
Response: 1678628
Conc: 3.03 ng/ml



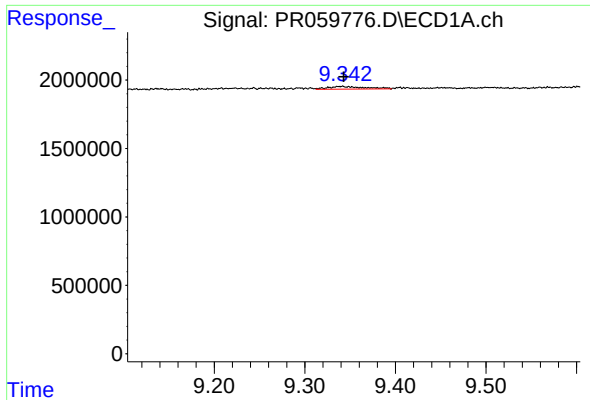
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.



#43 AR-1268-3

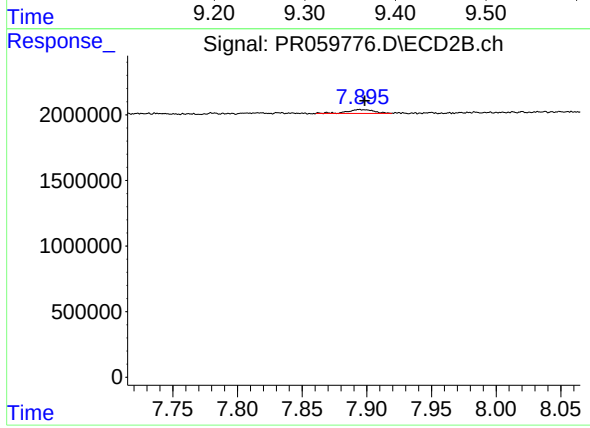
R.T.: 7.287 min
Delta R.T.: -0.002 min
Response: 232257
Conc: 0.48 ng/ml



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.001 min
Response: 560197
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.894 min
Delta R.T.: -0.004 min
Response: 385420
Conc: 0.26 ng/ml