

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059746.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 20:32
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 07:55:03 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	58397759	83916187	19.546	19.387
2)	SA Decachlor...	9.659	8.139	58874789	85982867	25.668	24.373
Target Compounds							
3)	L1 AR-1016-1	0.000	4.019	0	187674	N.D.	1.328 #
4)	L1 AR-1016-2	0.000	4.045	0	442906	N.D.	2.164 #
5)	L1 AR-1016-3	5.032f	0.000	405865	0	4.872	N.D. #
6)	L1 AR-1016-4	0.000	4.291f	0	476163	N.D.	5.523 #
7)	L1 AR-1016-5	0.000	4.472	0	661522	N.D.	5.909 #
8)	L2 AR-1221-1	0.000	3.112f	0	457714	N.D.	12.068 #
9)	L2 AR-1221-2	4.005	3.207	1111099	1253450	49.363	44.428
12)	L3 AR-1232-2	0.000	4.045	0	442906	N.D.	5.025 #
14)	L3 AR-1232-4	0.000	4.291	0	476163	N.D.	11.856 #
15)	L3 AR-1232-5	0.000	4.472	0	661522	N.D.	14.474 #
16)	L4 AR-1242-1	0.000	4.019	0	187674	N.D.	1.698 #
17)	L4 AR-1242-2	0.000	4.045	0	442906	N.D.	2.742 #
18)	L4 AR-1242-3	5.032f	0.000	405865	0	6.179	N.D. #
19)	L4 AR-1242-4	0.000	4.291	0	476163	N.D.	5.908 #
20)	L4 AR-1242-5	5.910	4.849	717348	279830	13.371	2.789 #
21)	L5 AR-1248-1	0.000	4.019	0	187674	N.D.	2.260 #
22)	L5 AR-1248-2	0.000	4.291f	0	476163	N.D.	3.926 #
23)	L5 AR-1248-3	0.000	4.291	0	476163	N.D.	3.899 #
24)	L5 AR-1248-4	0.000	4.472	0	661522	N.D.	4.432 #
25)	L5 AR-1248-5	5.910	4.871f	717348	671687	8.011	4.853 #
26)	L6 AR-1254-1	5.840	4.849	593606	279830	6.375	1.233 #
27)	L6 AR-1254-2	6.076	0.000	649025	0	4.592	N.D. #
28)	L6 AR-1254-3	6.473	0.000	264323	0	1.800	N.D. #
29)	L6 AR-1254-4	6.803f	5.676	644470	275823	6.078	1.529 #
30)	L6 AR-1254-5	7.220f	0.000	82245	0	0.691	N.D. #
31)	L7 AR-1260-1	0.000	5.571	0	268666	N.D.	1.169 #
32)	L7 AR-1260-2	6.936	5.768	245890	186030	1.766	0.688 #
33)	L7 AR-1260-3	7.331	5.931	2633181	935628	24.708	3.641 #
34)	L7 AR-1260-4	7.600f	6.428	3698602	6063002	30.128	28.479
35)	L7 AR-1260-5	7.916	6.695	1471111	2107078	6.455	4.370 #
36)	L8 AR-1262-1	7.331	6.157	2633181	4615066	18.817	15.952
37)	L8 AR-1262-2	7.916	6.428	1471111	6063002	6.189	23.586 #
38)	L8 AR-1262-3	8.223	6.999	14070543	23088784	82.355	118.743 #
39)	L8 AR-1262-4	8.315	7.069	12512220	20153799	94.399	55.227 #
40)	L8 AR-1262-5	8.948	7.604	5166693	7032394	54.486	44.508
41)	L9 AR-1268-1	8.223	6.999	14070543	23088784	45.907	37.308
42)	L9 AR-1268-2	8.315	7.069	12512220	20153799	44.967	36.355
43)	L9 AR-1268-3	8.537	7.289	11901616	18254966	47.685	37.697
44)	L9 AR-1268-4	8.948	7.604	5166693	7032394	47.049	38.849

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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
45) L9	AR-1268-5	9.342	7.898	35904790	53357696	45.211	36.237

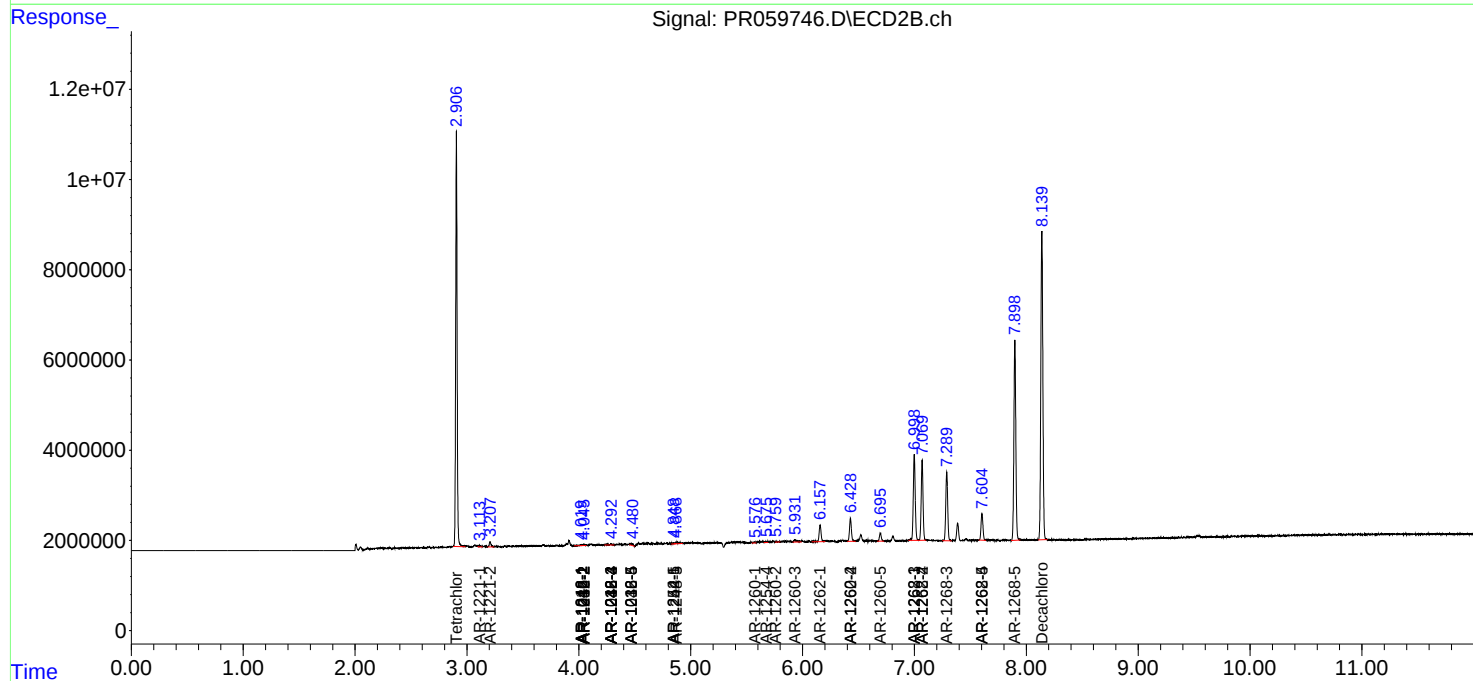
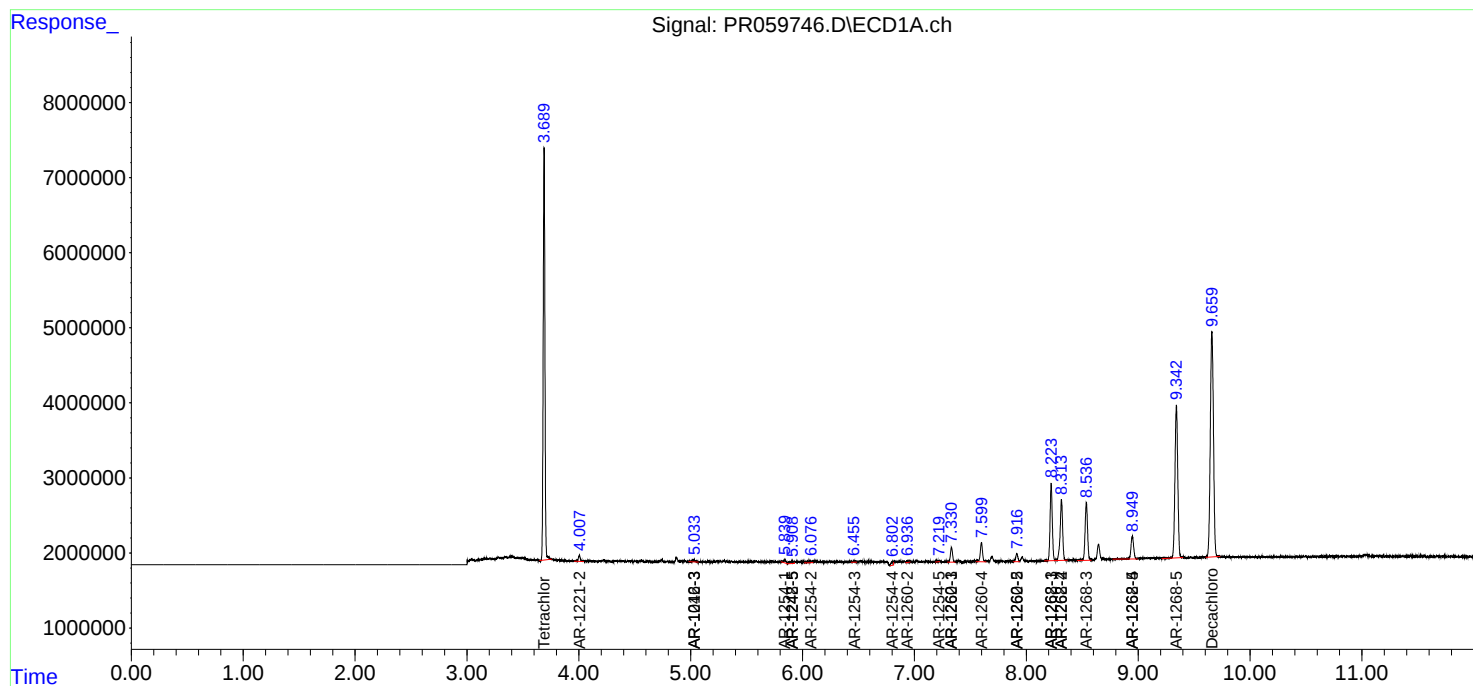
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

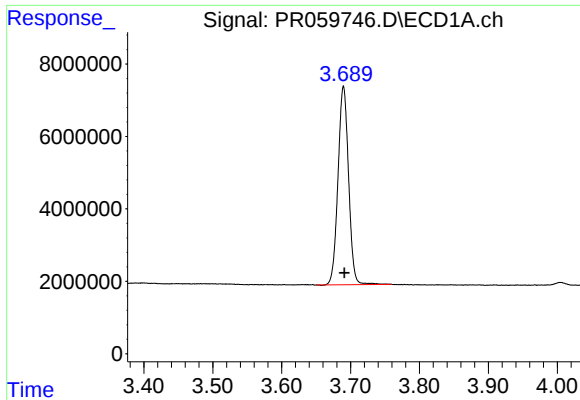
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

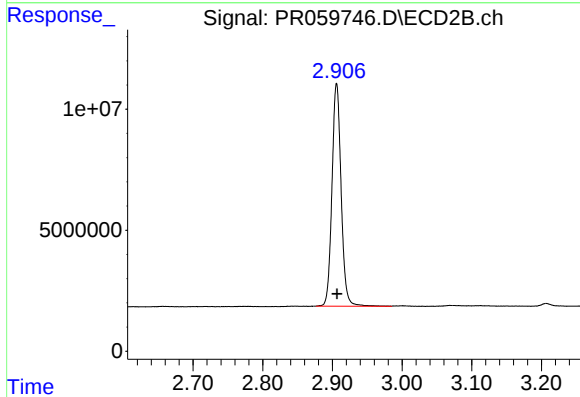




#1 Tetrachloro-m-xylene

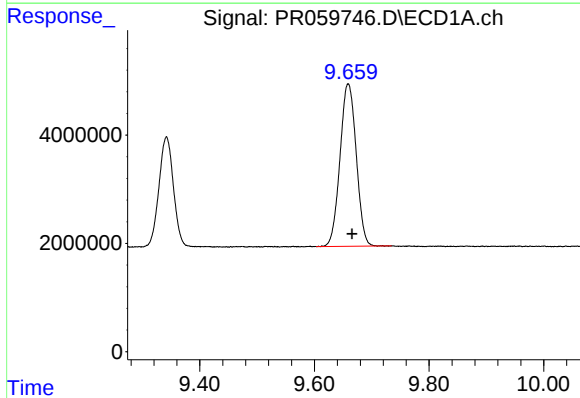
R.T.: 3.690 min
Delta R.T.: -0.001 min
Response: 58397759
Conc: 19.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



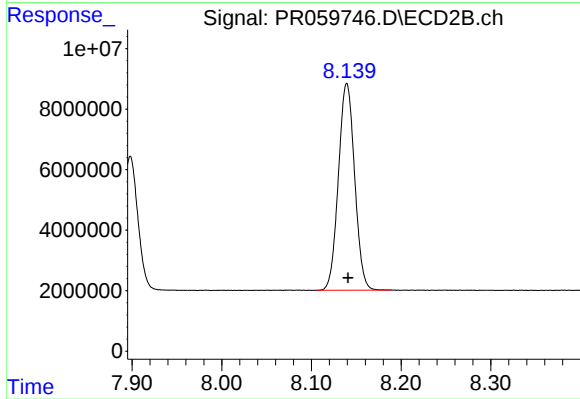
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 83916187
Conc: 19.39 ng/ml



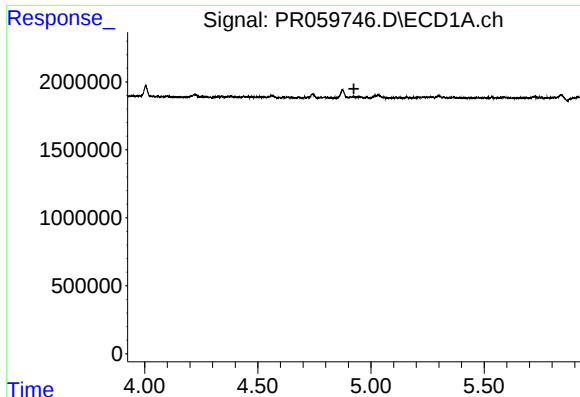
#2 Decachlorobiphenyl

R.T.: 9.659 min
Delta R.T.: -0.007 min
Response: 58874789
Conc: 25.67 ng/ml



#2 Decachlorobiphenyl

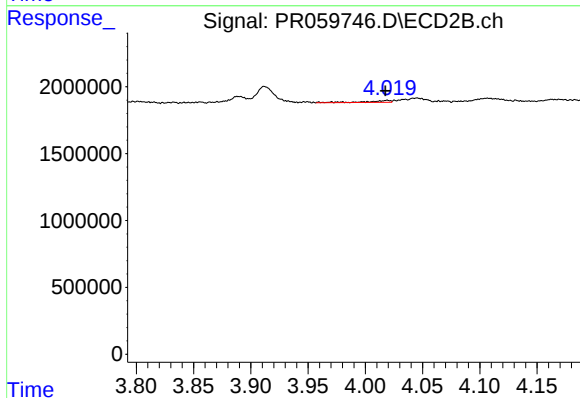
R.T.: 8.139 min
Delta R.T.: -0.001 min
Response: 85982867
Conc: 24.37 ng/ml



#3 AR-1016-1

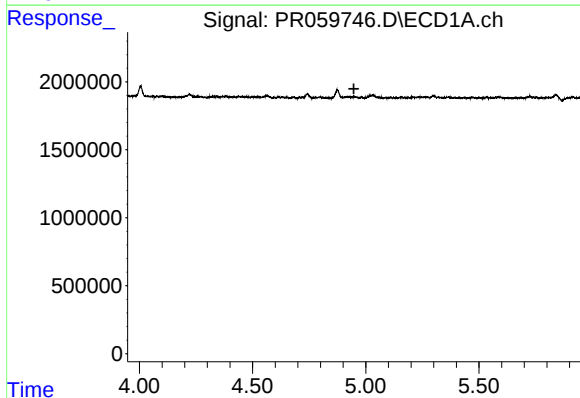
R.T.: 0.000 min
Exp R.T.: 4.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



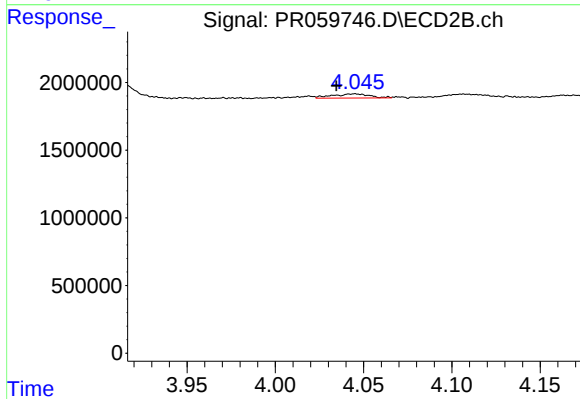
#3 AR-1016-1

R.T.: 4.019 min
Delta R.T.: 0.002 min
Response: 187674
Conc: 1.33 ng/ml



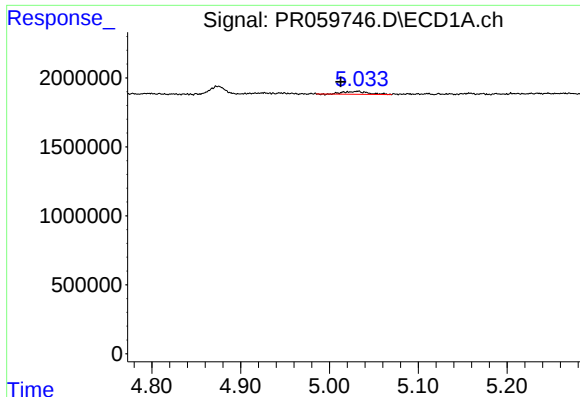
#4 AR-1016-2

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



#4 AR-1016-2

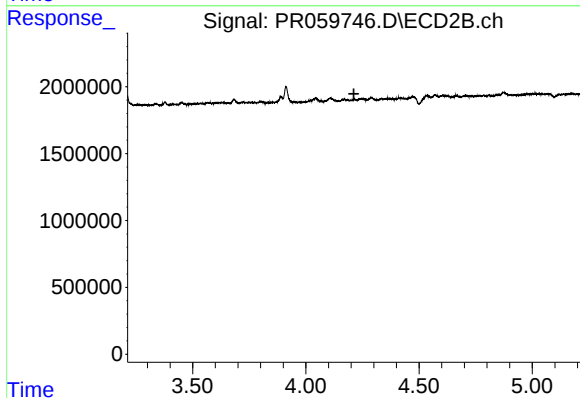
R.T.: 4.045 min
Delta R.T.: 0.010 min
Response: 442906
Conc: 2.16 ng/ml



#5 AR-1016-3

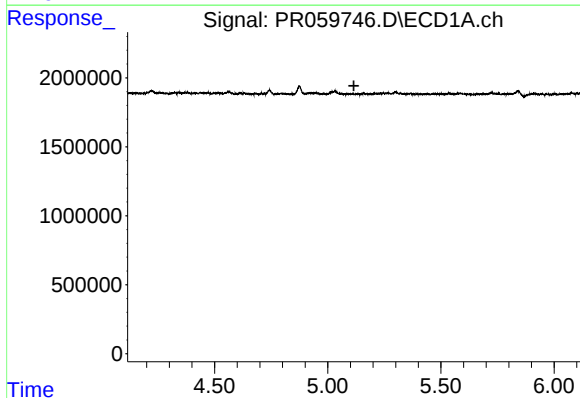
R.T.: 5.032 min
Delta R.T.: 0.020 min
Response: 405865
Conc: 4.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



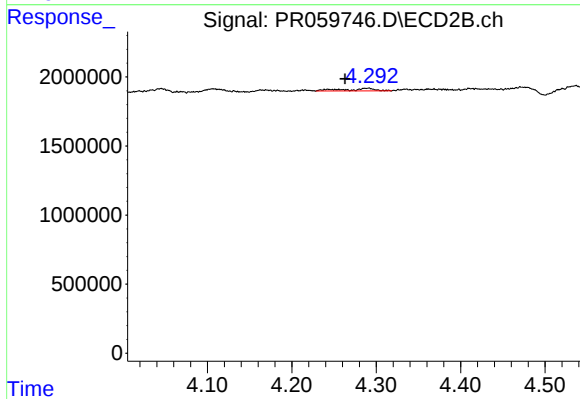
#5 AR-1016-3

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



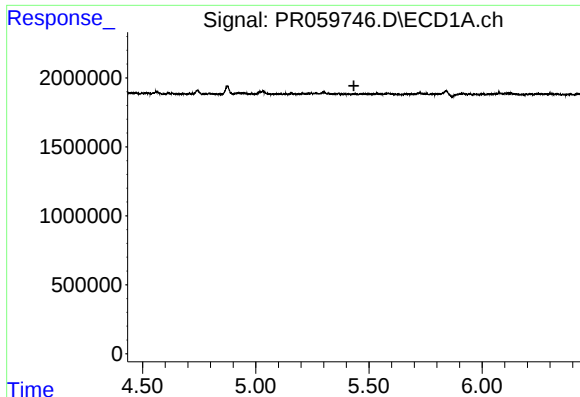
#6 AR-1016-4

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



#6 AR-1016-4

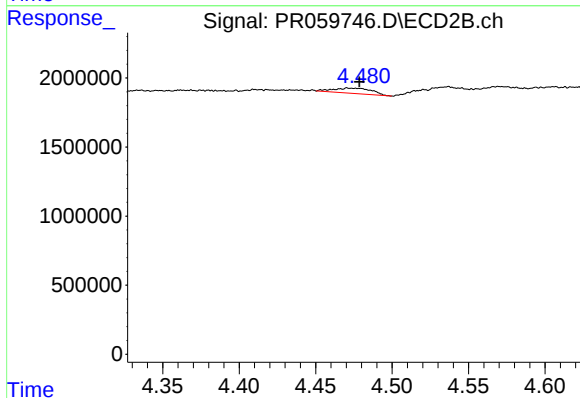
R.T.: 4.291 min
Delta R.T.: 0.028 min
Response: 476163
Conc: 5.52 ng/ml



#7 AR-1016-5

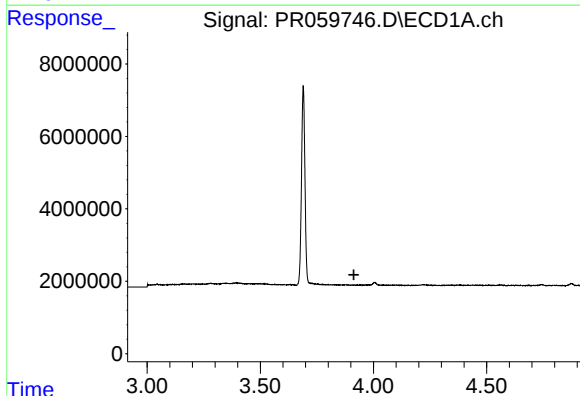
R.T.: 0.000 min
Exp R.T. : 5.433 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



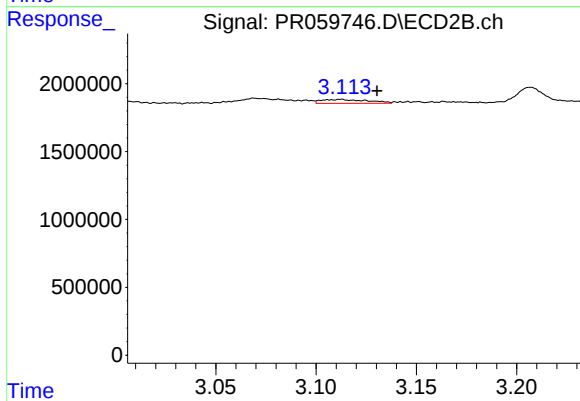
#7 AR-1016-5

R.T.: 4.472 min
Delta R.T.: -0.007 min
Response: 661522
Conc: 5.91 ng/ml



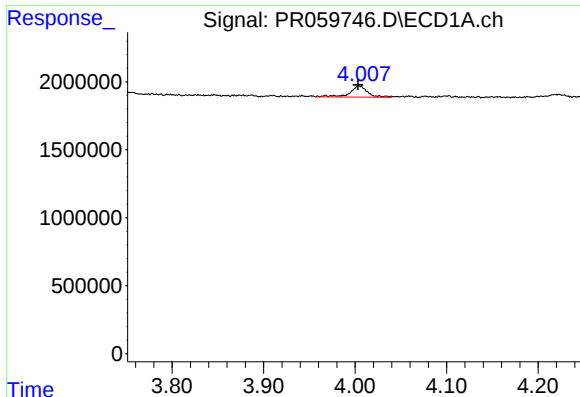
#8 AR-1221-1

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



#8 AR-1221-1

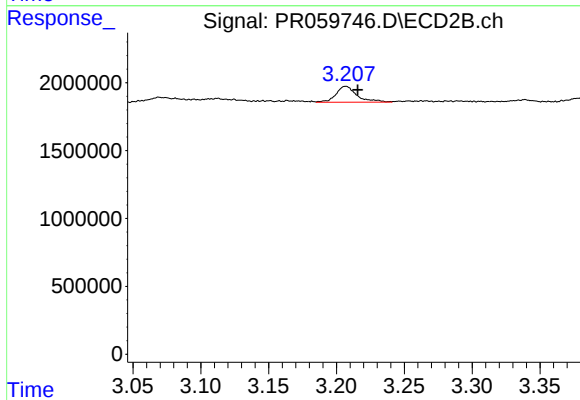
R.T.: 3.112 min
Delta R.T.: -0.018 min
Response: 457714
Conc: 12.07 ng/ml



#9 AR-1221-2

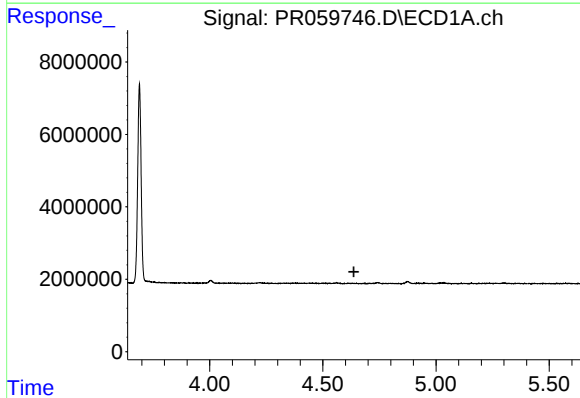
R.T.: 4.005 min
Delta R.T.: 0.001 min
Response: 1111099
Conc: 49.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



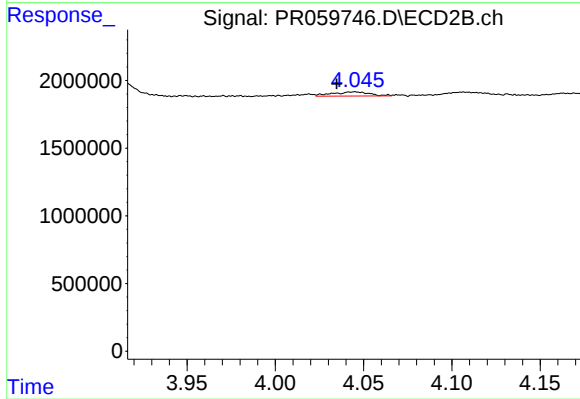
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 1253450
Conc: 44.43 ng/ml



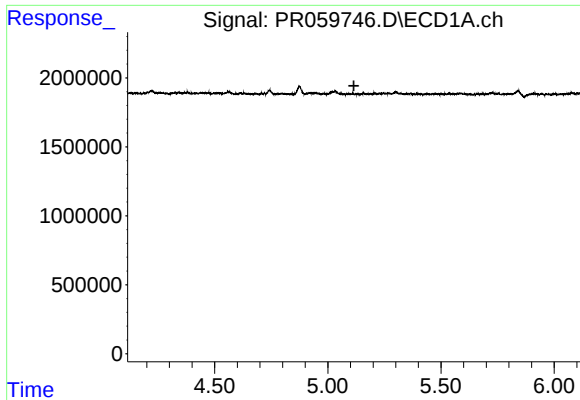
#12 AR-1232-2

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



#12 AR-1232-2

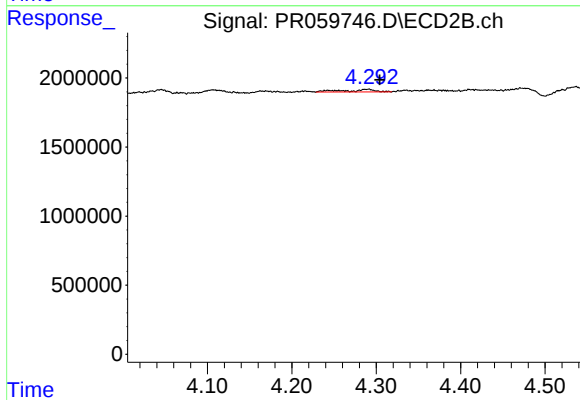
R.T.: 4.045 min
Delta R.T.: 0.010 min
Response: 442906
Conc: 5.03 ng/ml



#14 AR-1232-4

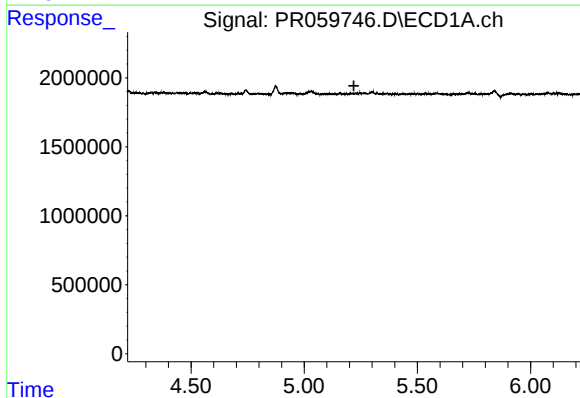
R.T.: 0.000 min
Exp R.T.: 5.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



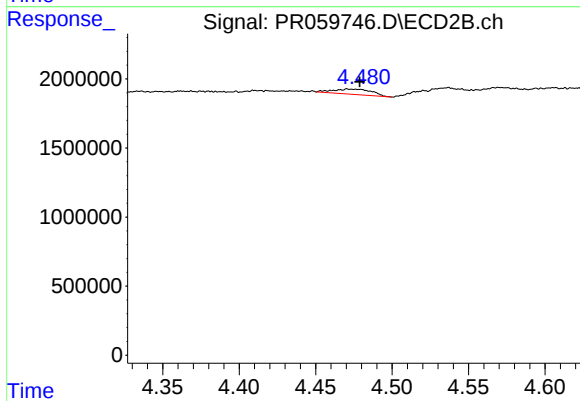
#14 AR-1232-4

R.T.: 4.291 min
Delta R.T.: -0.013 min
Response: 476163
Conc: 11.86 ng/ml



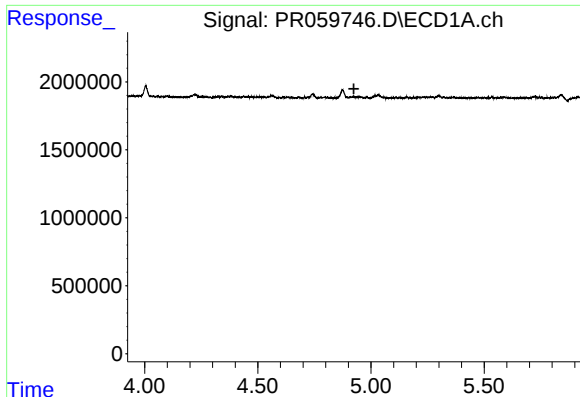
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.219 min
Response: 0
Conc: N.D.



#15 AR-1232-5

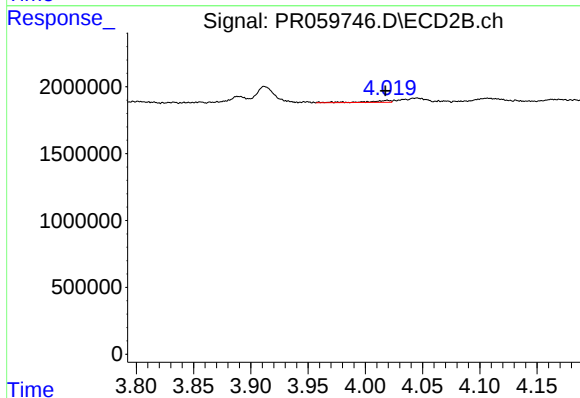
R.T.: 4.472 min
Delta R.T.: -0.007 min
Response: 661522
Conc: 14.47 ng/ml



#16 AR-1242-1

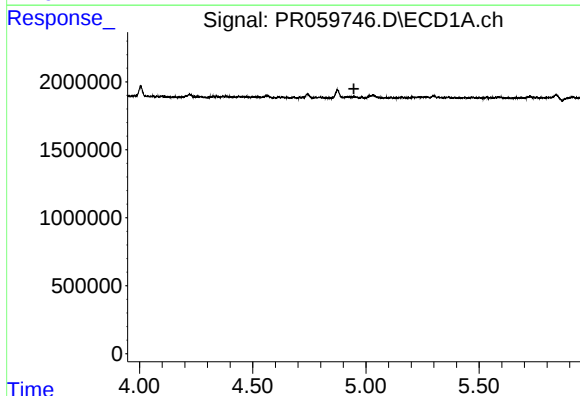
R.T.: 0.000 min
Exp R.T.: 4.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



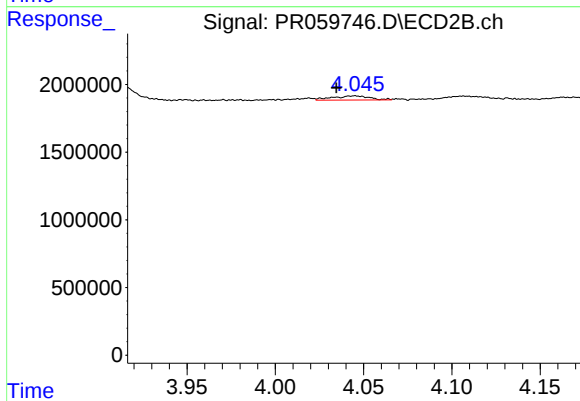
#16 AR-1242-1

R.T.: 4.019 min
Delta R.T.: 0.002 min
Response: 187674
Conc: 1.70 ng/ml



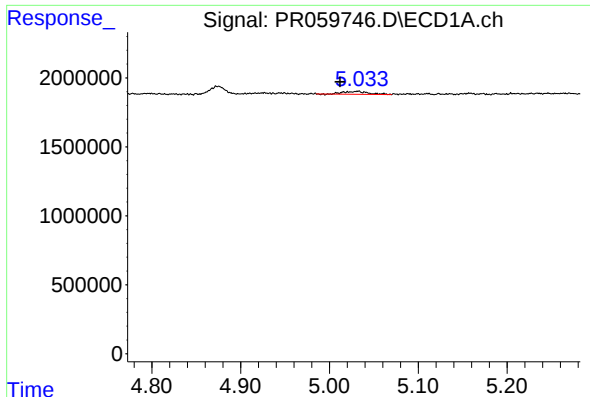
#17 AR-1242-2

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



#17 AR-1242-2

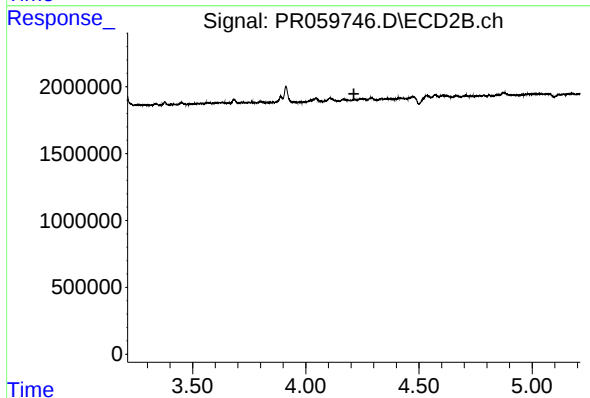
R.T.: 4.045 min
Delta R.T.: 0.010 min
Response: 442906
Conc: 2.74 ng/ml



#18 AR-1242-3

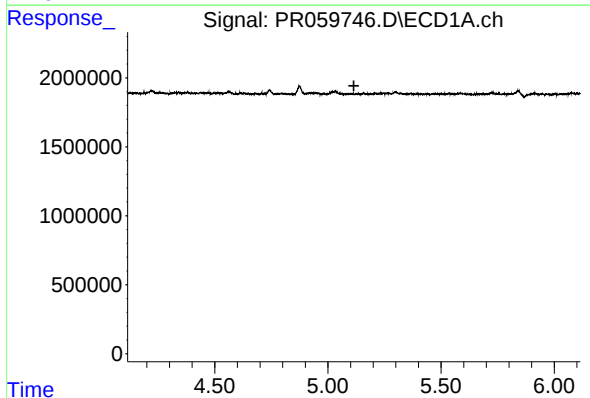
R.T.: 5.032 min
Delta R.T.: 0.021 min
Response: 405865
Conc: 6.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



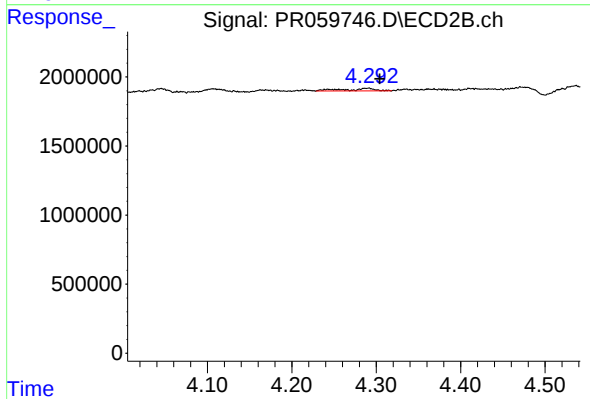
#18 AR-1242-3

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



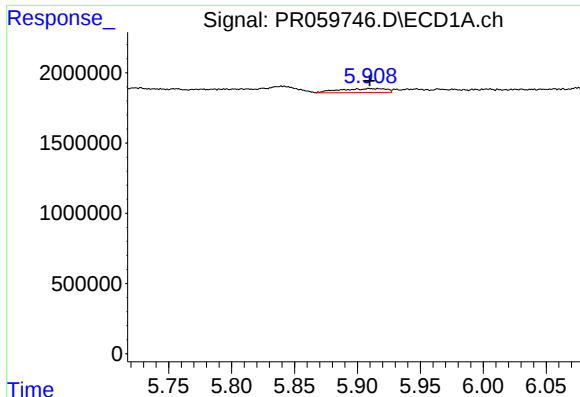
#19 AR-1242-4

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



#19 AR-1242-4

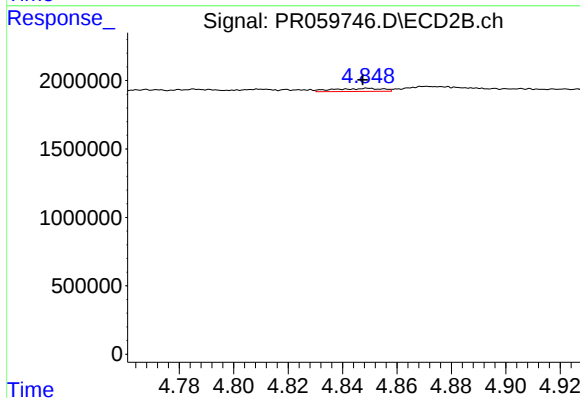
R.T.: 4.291 min
Delta R.T.: -0.013 min
Response: 476163
Conc: 5.91 ng/ml



#20 AR-1242-5

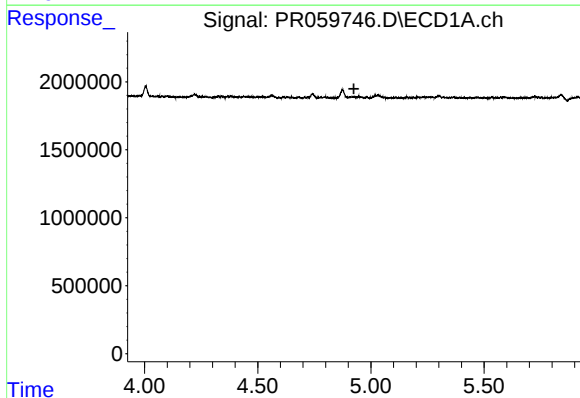
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 717348
Conc: 13.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



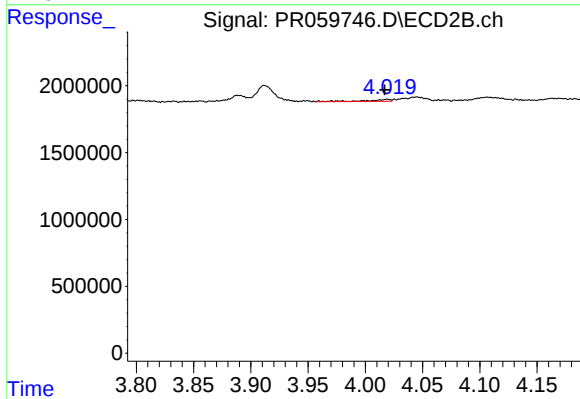
#20 AR-1242-5

R.T.: 4.849 min
Delta R.T.: 0.002 min
Response: 279830
Conc: 2.79 ng/ml



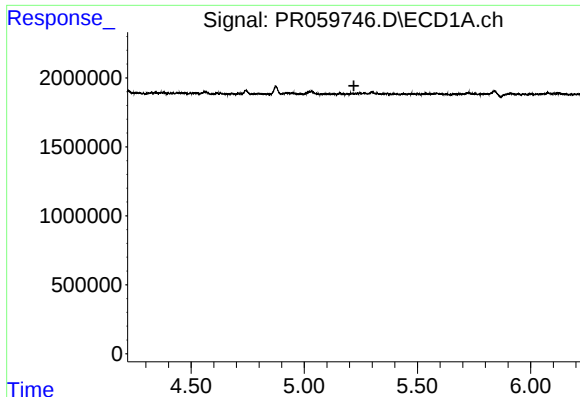
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



#21 AR-1248-1

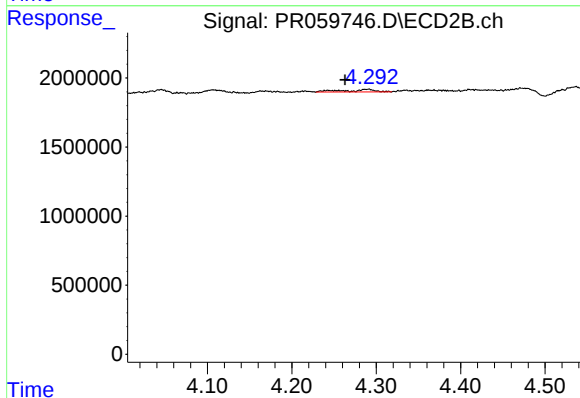
R.T.: 4.019 min
Delta R.T.: 0.002 min
Response: 187674
Conc: 2.26 ng/ml



#22 AR-1248-2

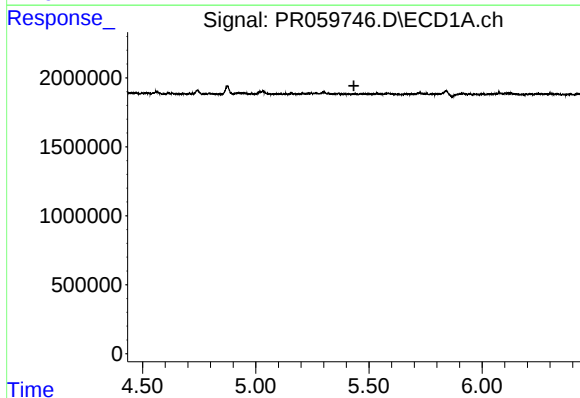
R.T.: 0.000 min
Exp R.T.: 5.219 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



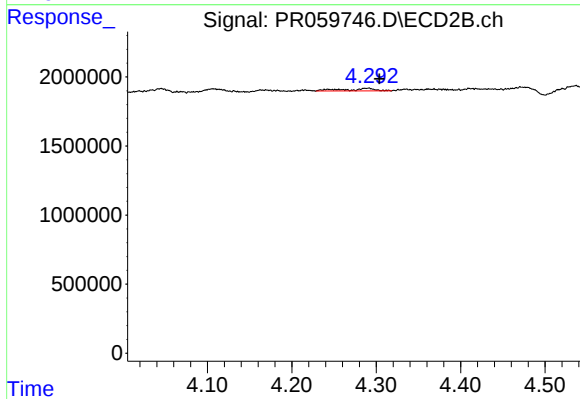
#22 AR-1248-2

R.T.: 4.291 min
Delta R.T.: 0.028 min
Response: 476163
Conc: 3.93 ng/ml



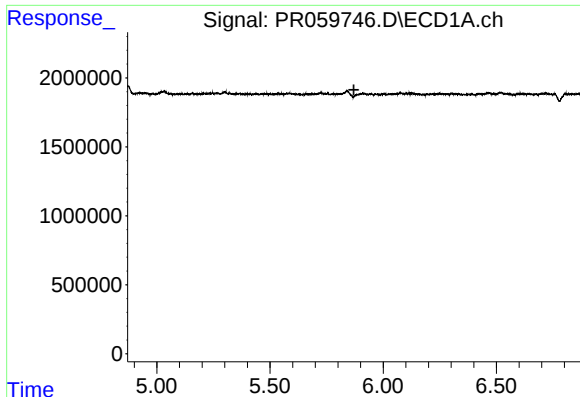
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.433 min
Response: 0
Conc: N.D.



#23 AR-1248-3

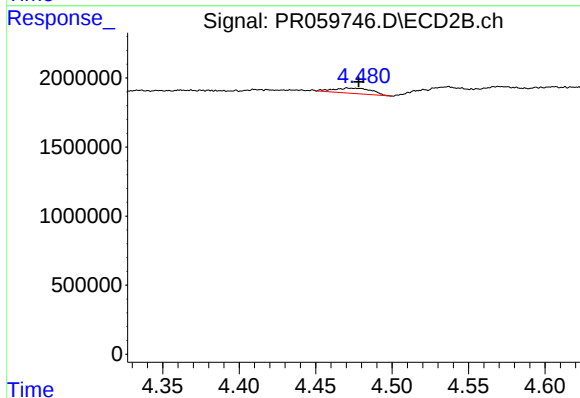
R.T.: 4.291 min
Delta R.T.: -0.013 min
Response: 476163
Conc: 3.90 ng/ml



#24 AR-1248-4

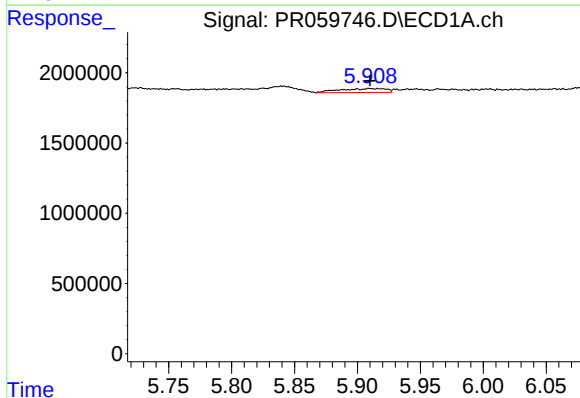
R.T.: 0.000 min
Exp R.T.: 5.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



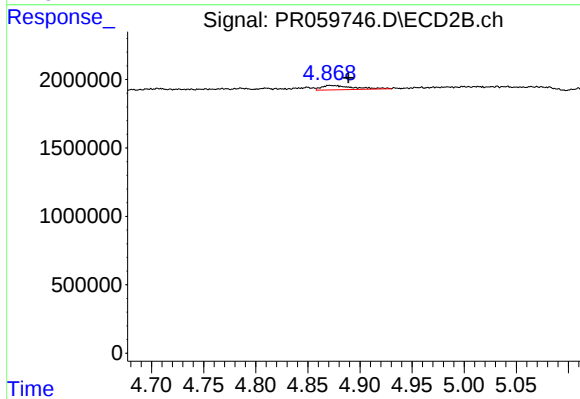
#24 AR-1248-4

R.T.: 4.472 min
Delta R.T.: -0.006 min
Response: 661522
Conc: 4.43 ng/ml



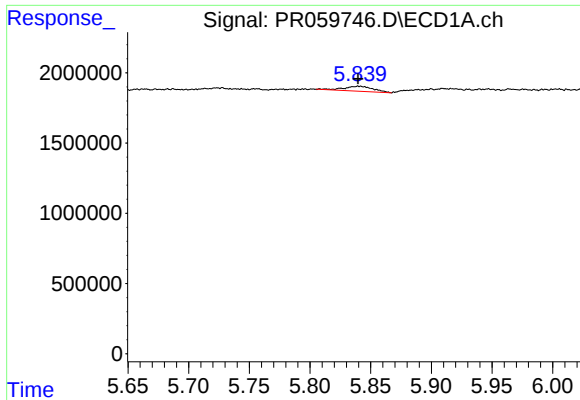
#25 AR-1248-5

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 717348
Conc: 8.01 ng/ml



#25 AR-1248-5

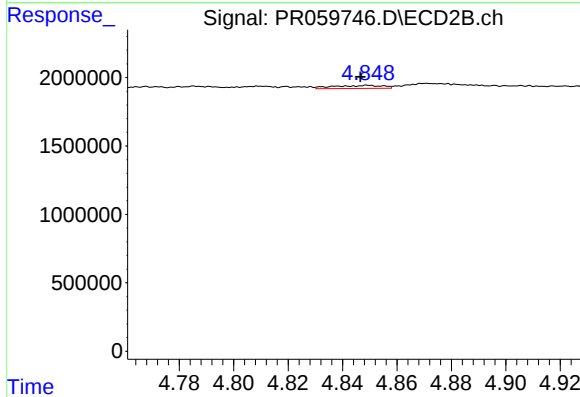
R.T.: 4.871 min
Delta R.T.: -0.018 min
Response: 671687
Conc: 4.85 ng/ml



#26 AR-1254-1

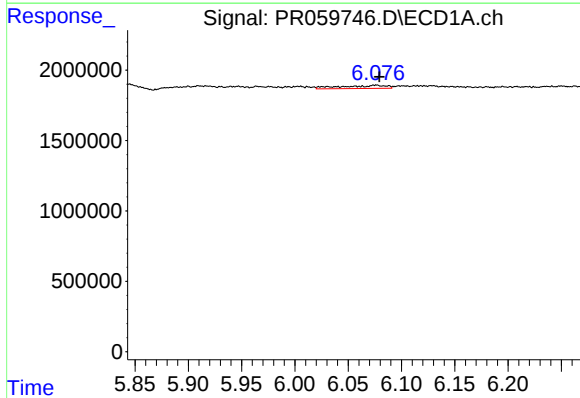
R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 593606
Conc: 6.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



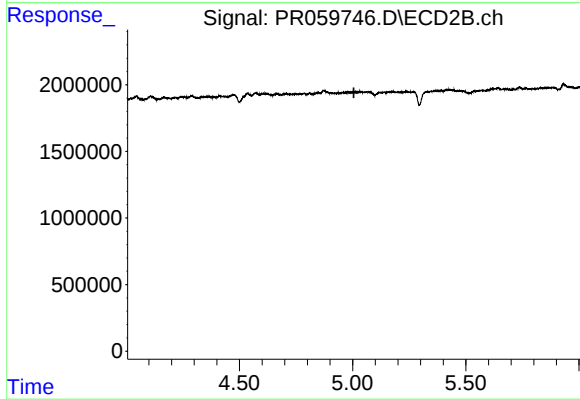
#26 AR-1254-1

R.T.: 4.849 min
Delta R.T.: 0.003 min
Response: 279830
Conc: 1.23 ng/ml



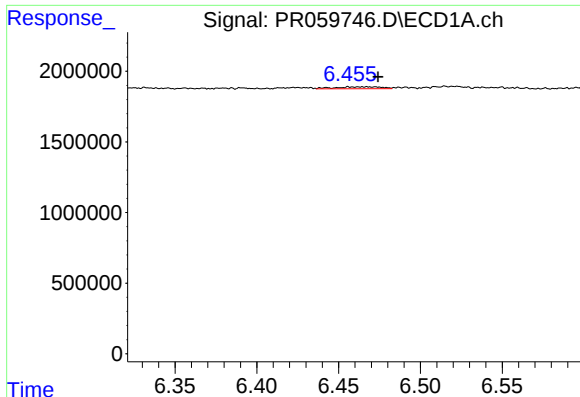
#27 AR-1254-2

R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 649025
Conc: 4.59 ng/ml



#27 AR-1254-2

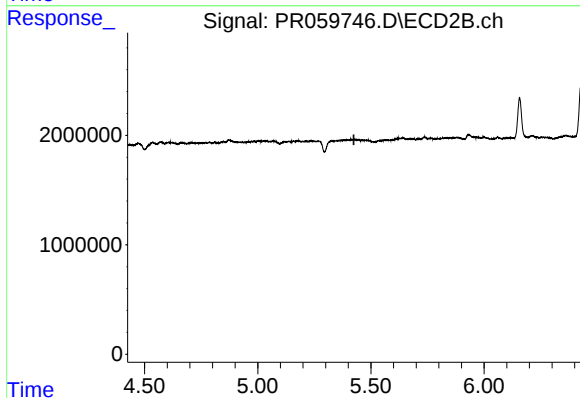
R.T.: 0.000 min
Exp R.T.: 5.005 min
Response: 0
Conc: N.D.



#28 AR-1254-3

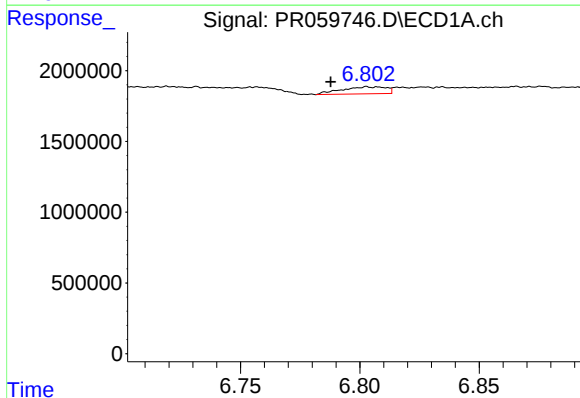
R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 264323
Conc: 1.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



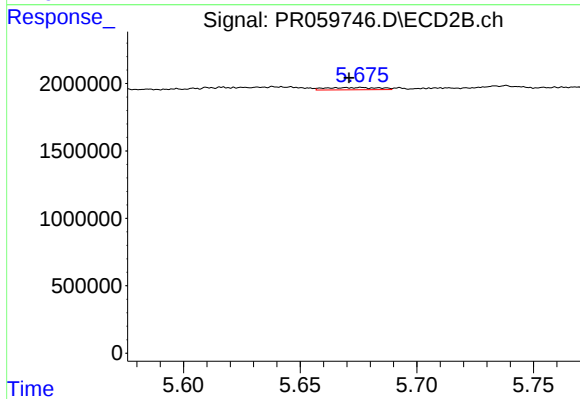
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.425 min
Response: 0
Conc: N.D.



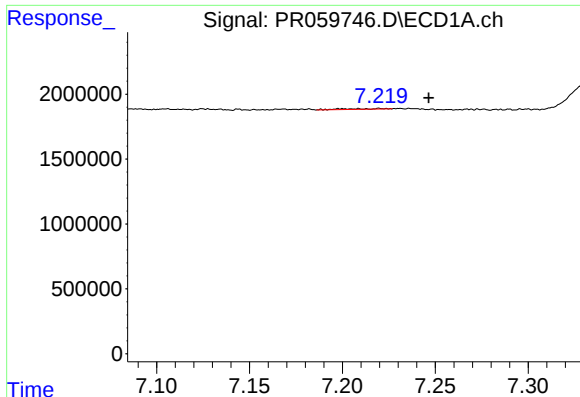
#29 AR-1254-4

R.T.: 6.803 min
Delta R.T.: 0.015 min
Response: 644470
Conc: 6.08 ng/ml



#29 AR-1254-4

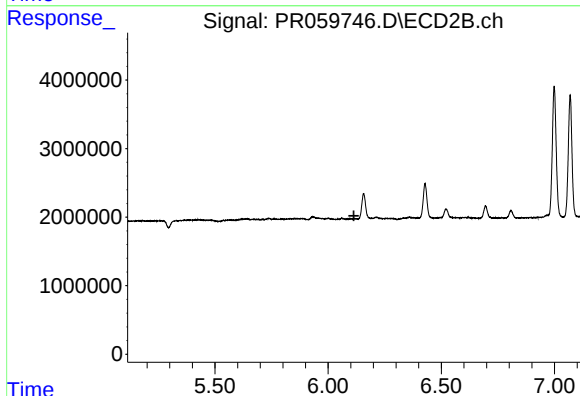
R.T.: 5.676 min
Delta R.T.: 0.005 min
Response: 275823
Conc: 1.53 ng/ml



#30 AR-1254-5

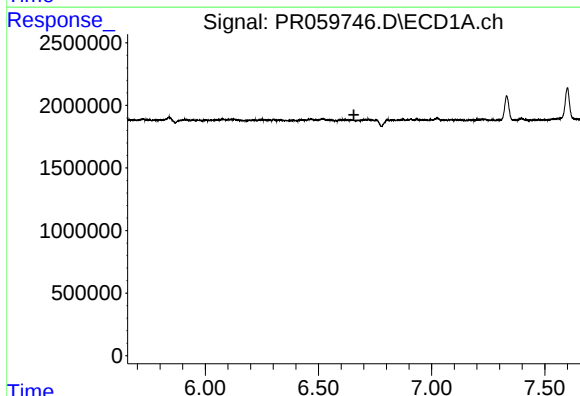
R.T.: 7.220 min
Delta R.T.: -0.026 min
Response: 82245
Conc: 0.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



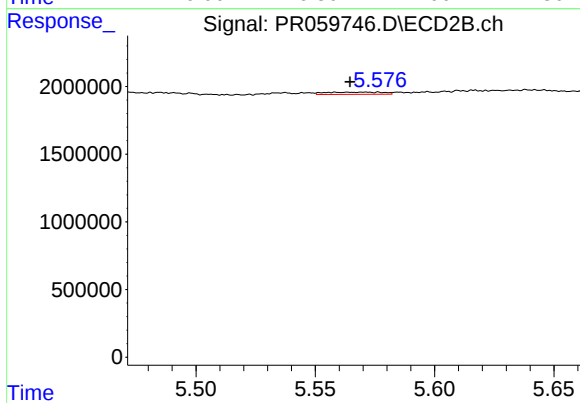
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.



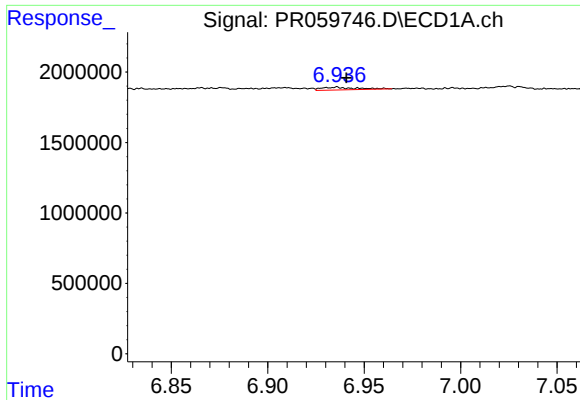
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.



#31 AR-1260-1

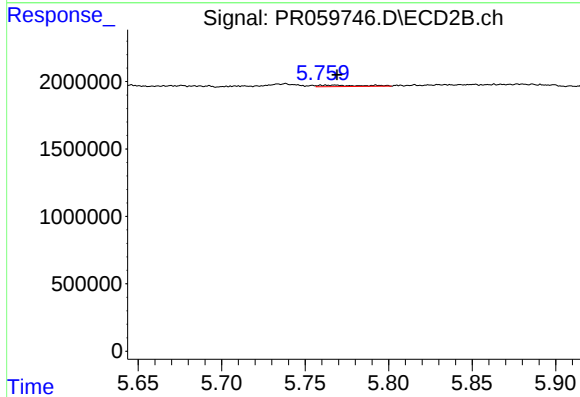
R.T.: 5.571 min
Delta R.T.: 0.006 min
Response: 268666
Conc: 1.17 ng/ml



#32 AR-1260-2

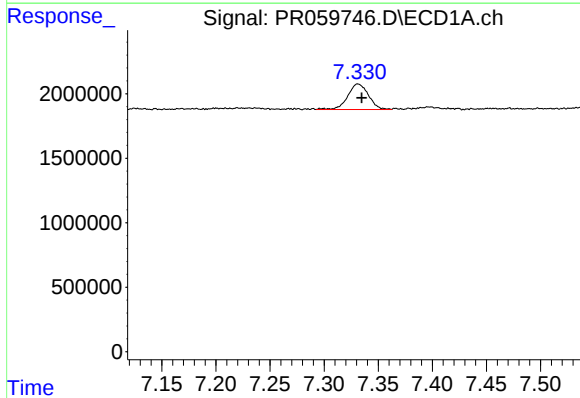
R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 245890
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



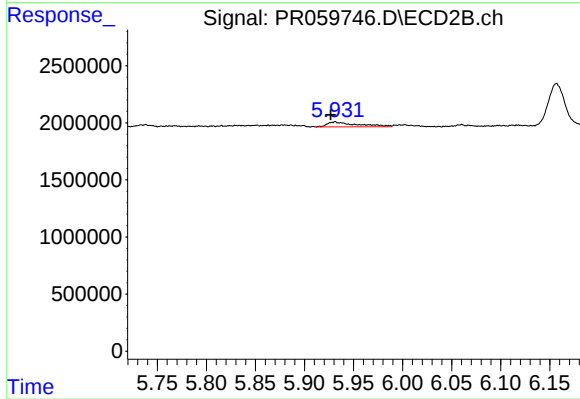
#32 AR-1260-2

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 186030
Conc: 0.69 ng/ml



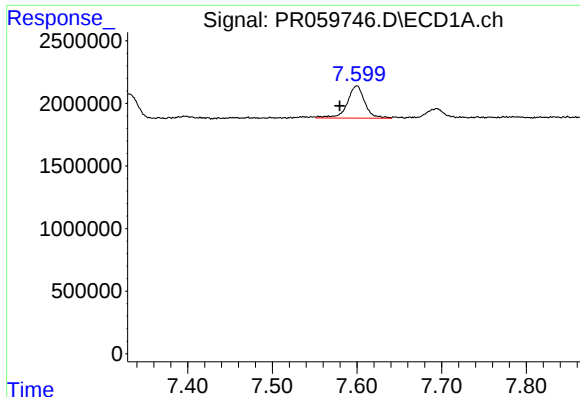
#33 AR-1260-3

R.T.: 7.331 min
Delta R.T.: -0.003 min
Response: 2633181
Conc: 24.71 ng/ml



#33 AR-1260-3

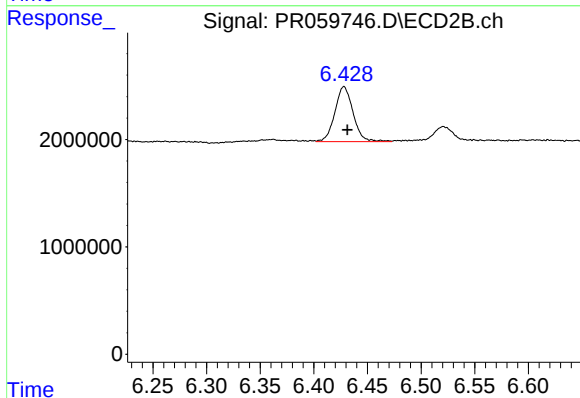
R.T.: 5.931 min
Delta R.T.: 0.004 min
Response: 935628
Conc: 3.64 ng/ml



#34 AR-1260-4

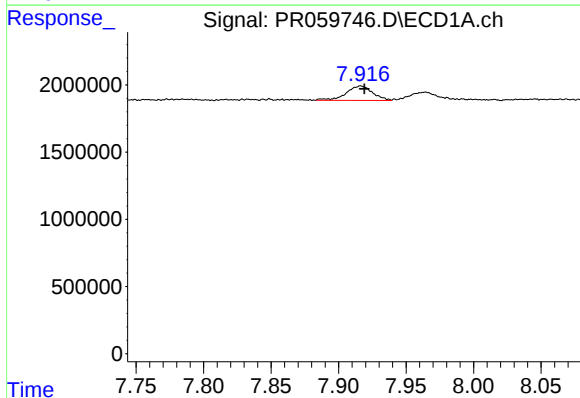
R.T.: 7.600 min
Delta R.T.: 0.020 min
Response: 3698602
Conc: 30.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



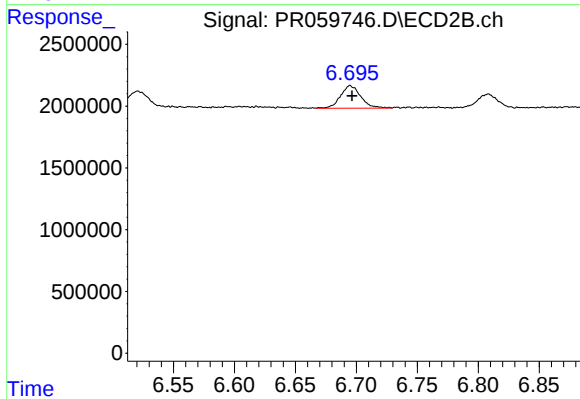
#34 AR-1260-4

R.T.: 6.428 min
Delta R.T.: -0.003 min
Response: 6063002
Conc: 28.48 ng/ml



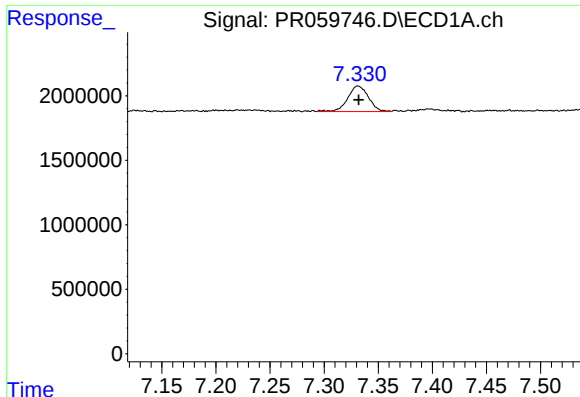
#35 AR-1260-5

R.T.: 7.916 min
Delta R.T.: -0.003 min
Response: 1471111
Conc: 6.46 ng/ml



#35 AR-1260-5

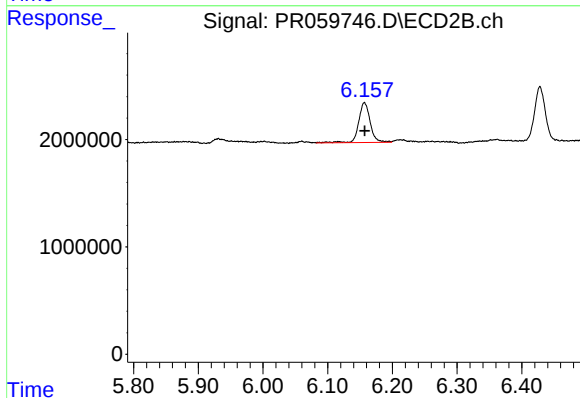
R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 2107078
Conc: 4.37 ng/ml



#36 AR-1262-1

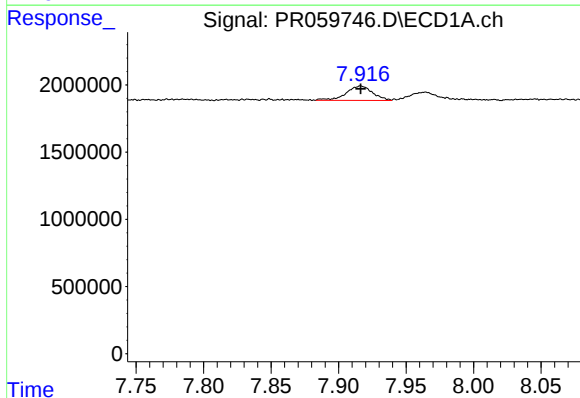
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 2633181
Conc: 18.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



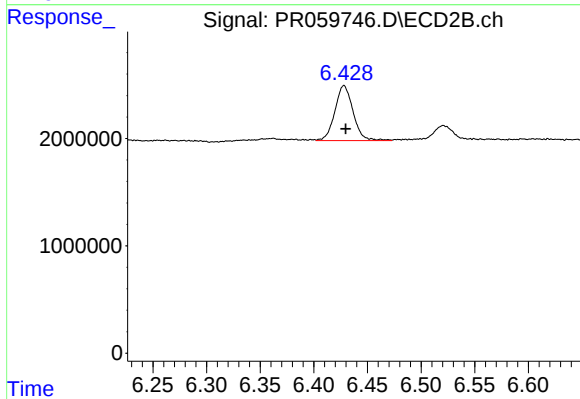
#36 AR-1262-1

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 4615066
Conc: 15.95 ng/ml



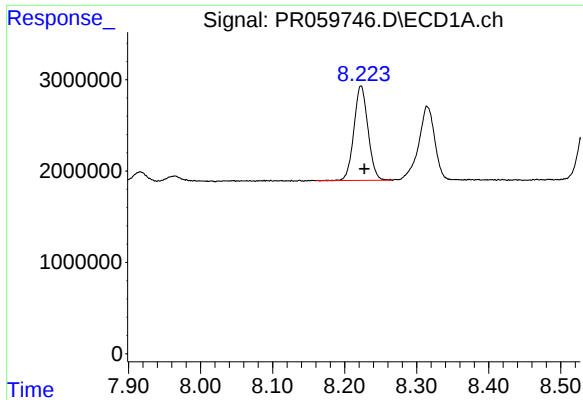
#37 AR-1262-2

R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 1471111
Conc: 6.19 ng/ml



#37 AR-1262-2

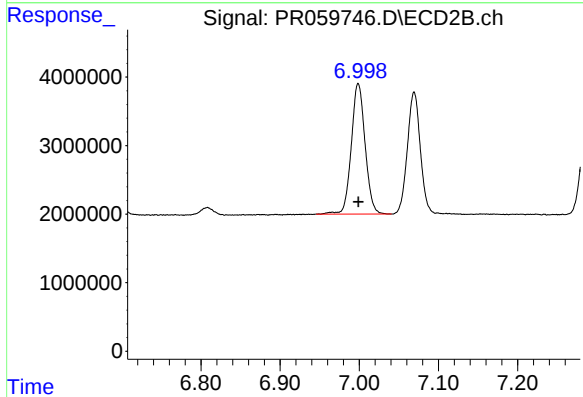
R.T.: 6.428 min
Delta R.T.: -0.002 min
Response: 6063002
Conc: 23.59 ng/ml



#38 AR-1262-3

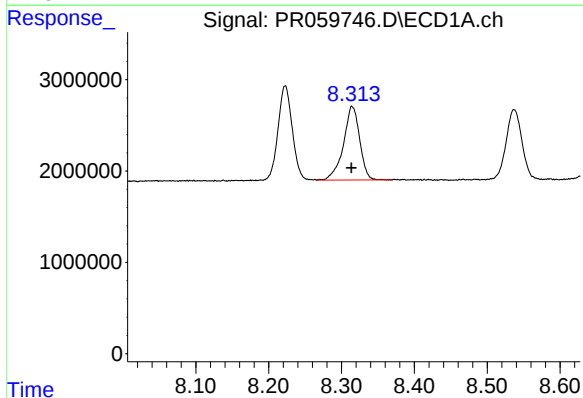
R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 14070543
Conc: 82.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



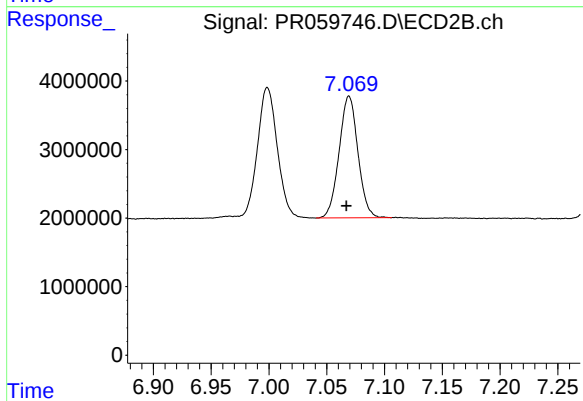
#38 AR-1262-3

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 23088784
Conc: 118.74 ng/ml



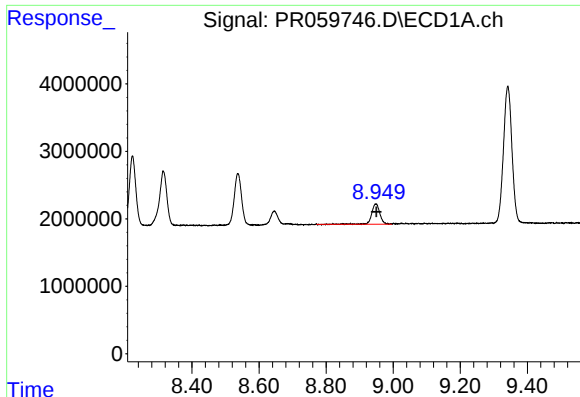
#39 AR-1262-4

R.T.: 8.315 min
Delta R.T.: 0.001 min
Response: 12512220
Conc: 94.40 ng/ml



#39 AR-1262-4

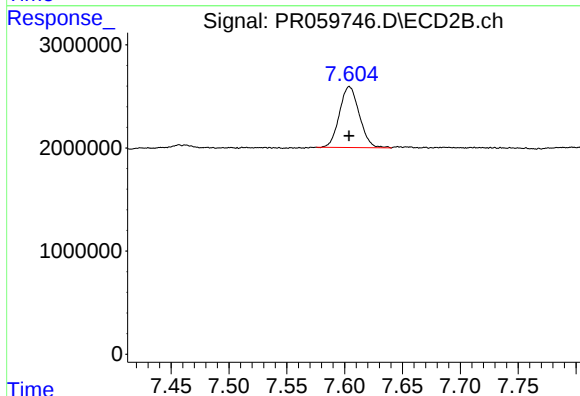
R.T.: 7.069 min
Delta R.T.: 0.002 min
Response: 20153799
Conc: 55.23 ng/ml



#40 AR-1262-5

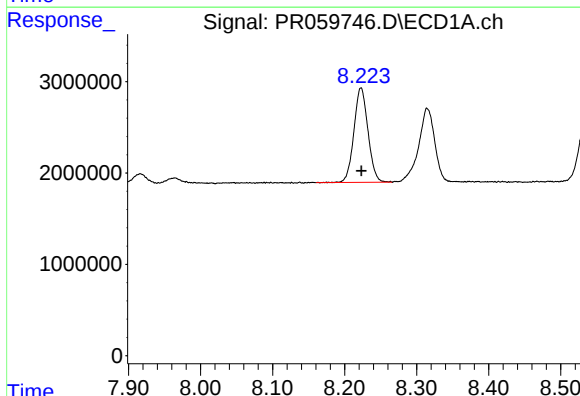
R.T.: 8.948 min
Delta R.T.: -0.001 min
Response: 5166693
Conc: 54.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



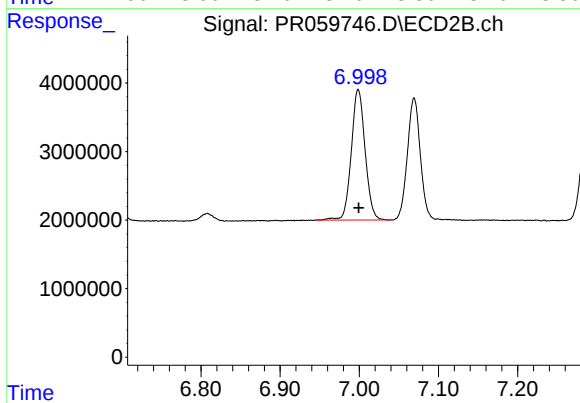
#40 AR-1262-5

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 7032394
Conc: 44.51 ng/ml



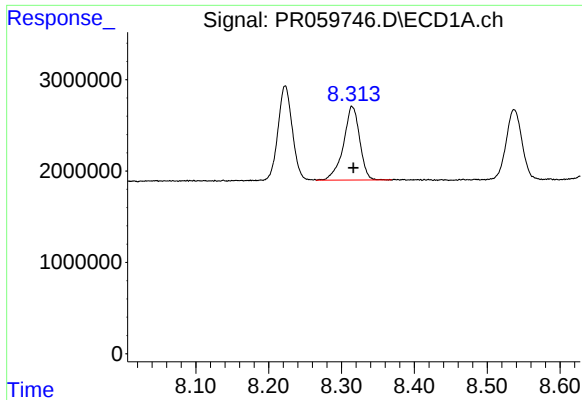
#41 AR-1268-1

R.T.: 8.223 min
Delta R.T.: 0.000 min
Response: 14070543
Conc: 45.91 ng/ml



#41 AR-1268-1

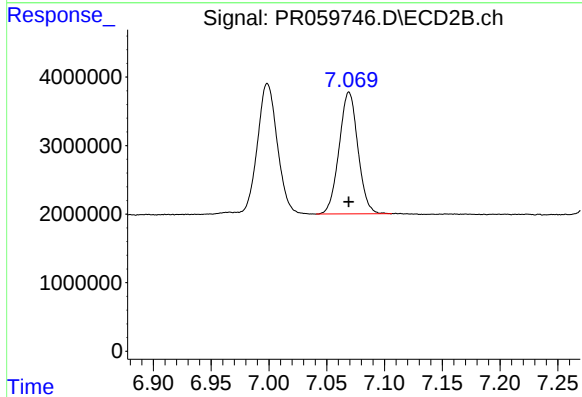
R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 23088784
Conc: 37.31 ng/ml



#42 AR-1268-2

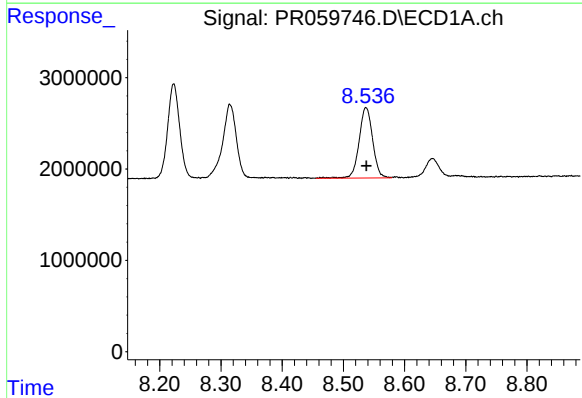
R.T.: 8.315 min
Delta R.T.: -0.001 min
Response: 12512220
Conc: 44.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



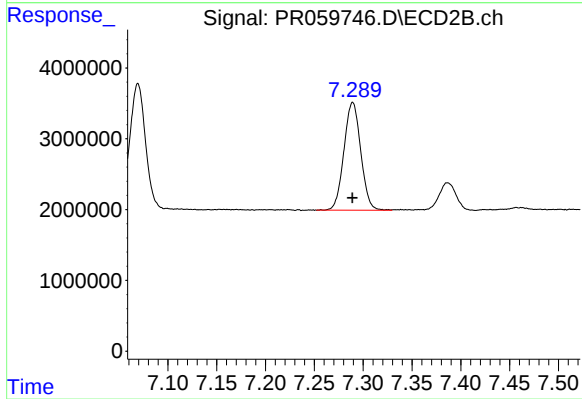
#42 AR-1268-2

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 20153799
Conc: 36.35 ng/ml



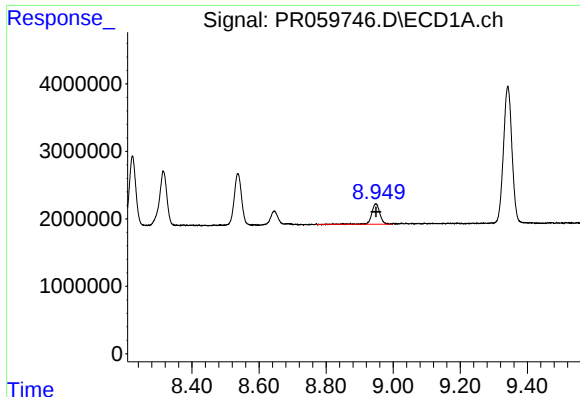
#43 AR-1268-3

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 11901616
Conc: 47.68 ng/ml



#43 AR-1268-3

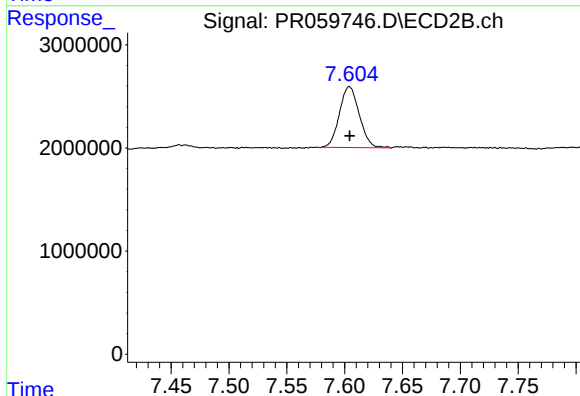
R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 18254966
Conc: 37.70 ng/ml



#44 AR-1268-4

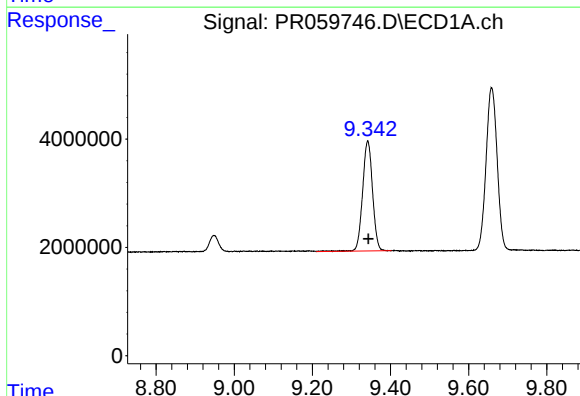
R.T.: 8.948 min
Delta R.T.: -0.001 min
Response: 5166693
Conc: 47.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



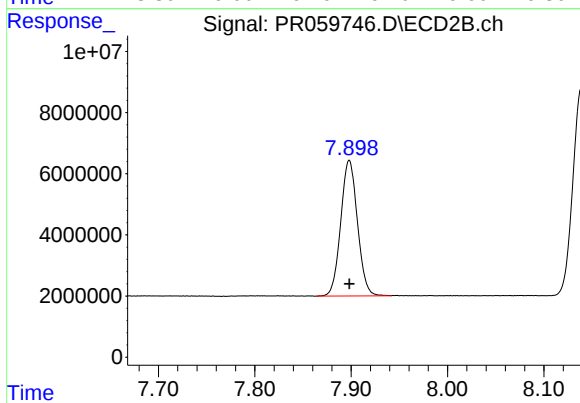
#44 AR-1268-4

R.T.: 7.604 min
Delta R.T.: 0.000 min
Response: 7032394
Conc: 38.85 ng/ml



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.001 min
Response: 35904790
Conc: 45.21 ng/ml



#45 AR-1268-5

R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 53357696
Conc: 36.24 ng/ml