

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 08:14
 Operator : YP\AJ
 Sample : 01627-09 (Sig #1); 01627-08 (Sig #2)
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 11:11:38 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	58664328	84025629	19.635	19.412
2)	SA Decachlor...	9.658	8.138	53721444	76204815	23.421	21.601
Target Compounds							
3)	L1 AR-1016-1	4.923	4.016	2337632	3060811	25.465	21.664
4)	L1 AR-1016-2	4.946	4.034	3093086	4482664	23.755	21.902
5)	L1 AR-1016-3	5.011	4.211	2299310	2148412	27.603	20.128 #
6)	L1 AR-1016-4	5.114	4.262	1460251	1854651	22.237	21.512
7)	L1 AR-1016-5	5.432	4.478	1585683	2353581	24.082	21.022
8)	L2 AR-1221-1	3.909	3.126	415729	977293	13.558	25.768 #
9)	L2 AR-1221-2	4.004	3.207	1177035	1467018	52.292	51.998
10)	L2 AR-1221-3	4.081	3.291	1552530	1792940	23.142	20.282
11)	L3 AR-1232-1	4.081	3.291	1552530	1792940	22.322	19.380
12)	L3 AR-1232-2	4.636	4.034	1776524	4482664	54.608	50.859
13)	L3 AR-1232-3	4.946	4.211	3093086	2148412	52.847	48.089
14)	L3 AR-1232-4	5.114	4.303	1460251	2424784	49.289	60.373
15)	L3 AR-1232-5	5.218	4.478	1279438	2353581	56.936	51.496
16)	L4 AR-1242-1	4.923	4.016	2337632	3060811	31.999	27.686
17)	L4 AR-1242-2	4.946	4.034	3093086	4482664	30.233	27.749
18)	L4 AR-1242-3	5.011	4.211	2299310	2148412	35.007	25.773 #
19)	L4 AR-1242-4	5.114	4.303	1460251	2424784	27.955	30.084
20)	L4 AR-1242-5	5.908	4.846	1514664	2778683	28.233	27.697
21)	L5 AR-1248-1	4.923	4.016	2337632	3060811	42.098	36.863
22)	L5 AR-1248-2	5.218	4.262	1279438	1854651	17.272	15.294
23)	L5 AR-1248-3	5.432	4.303	1585683	2424784	18.546	19.853
24)	L5 AR-1248-4	5.869	4.478	1338842	2353581	14.972	15.770
25)	L5 AR-1248-5	5.908	4.888	1514664	2338705	16.916	16.898
26)	L6 AR-1254-1	5.838	4.846	1451646	2778683	15.591	12.243
27)	L6 AR-1254-2	6.077	5.004	1576156	651581	11.152	3.343 #
28)	L6 AR-1254-3	6.471	5.423	666485	1106042	4.538	3.559
29)	L6 AR-1254-4	6.788	5.669	390418	869875	3.682	4.821 #
30)	L6 AR-1254-5	7.246	6.112	174492	568404	1.467	2.066 #
31)	L7 AR-1260-1	0.000	5.571	0	816599	N.D.	3.554 #
32)	L7 AR-1260-2	6.964f	5.768	117214	140302	0.842	0.519 #
33)	L7 AR-1260-3	0.000	5.933	0	406263	N.D.	1.581 #
34)	L7 AR-1260-4	7.558f	0.000	236695	0	1.928	N.D. #
36)	L8 AR-1262-1	0.000	6.174f	0	388669	N.D.	1.343 #
38)	L8 AR-1262-3	8.244f	0.000	69838	0	0.409	N.D. #
39)	L8 AR-1262-4	8.300	7.062	150211	173617	1.133	0.476 #
40)	L8 AR-1262-5	8.955	0.000	336875	0	3.553	N.D. #
41)	L9 AR-1268-1	8.244f	0.000	69838	0	0.228	N.D. #
42)	L9 AR-1268-2	8.300f	7.062	150211	173617	0.540	0.313 #
43)	L9 AR-1268-3	8.539	7.293	462532	126568	1.853	0.261 #

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 Quant Time: Feb 27 11:11:38 2023
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 Quant Title : GC EXTRACTABLES
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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	8.955	0.000	336875	0	3.068	N.D. #
45) L9	AR-1268-5	9.351	7.894	184555	473295	0.232	0.321 #

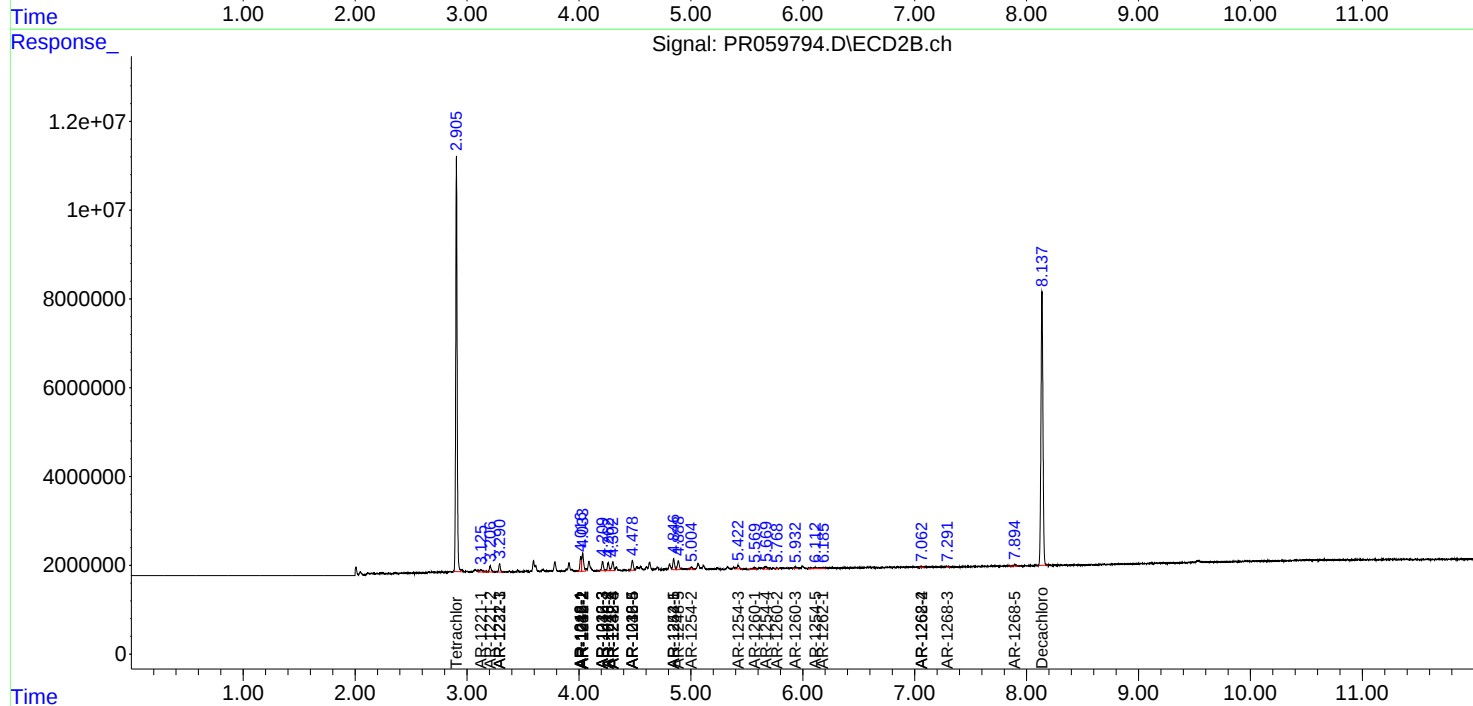
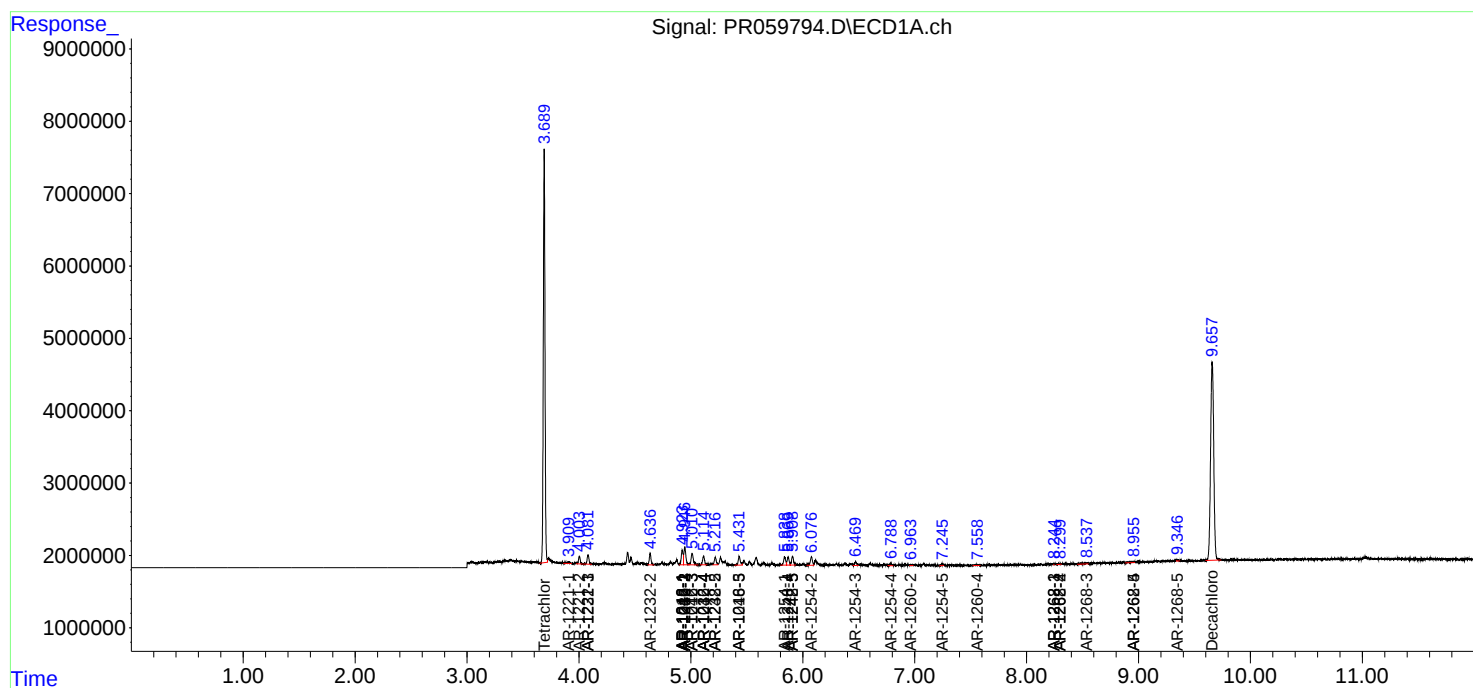
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

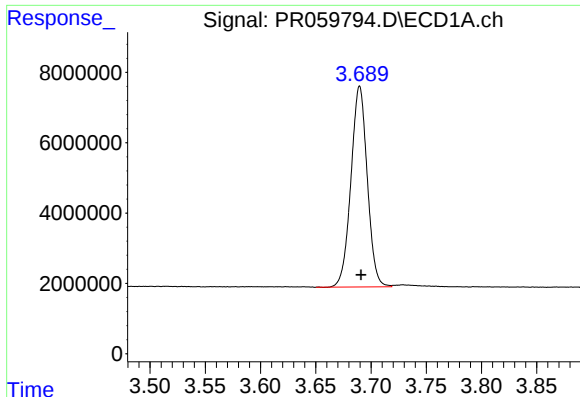
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
Data File : PR059794.D
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

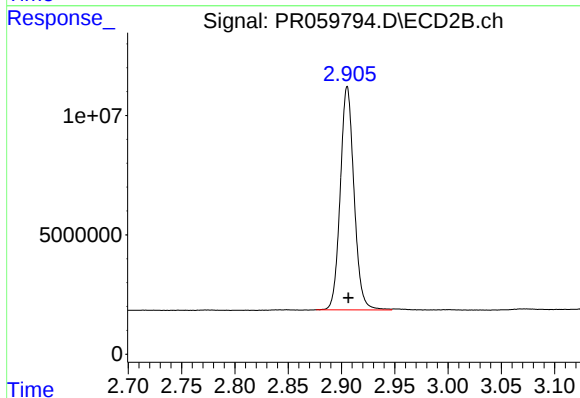




#1 Tetrachloro-m-xylene

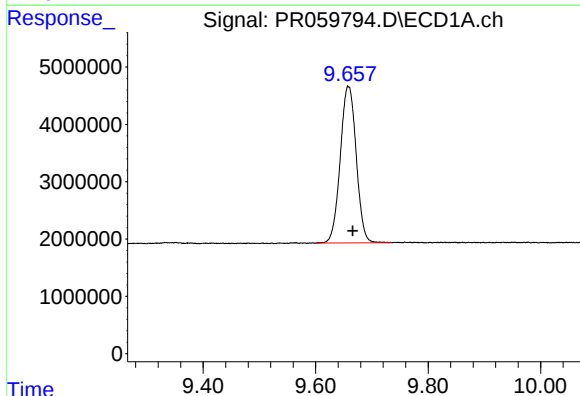
R.T.: 3.690 min
Delta R.T.: -0.001 min
Response: 58664328
Conc: 19.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



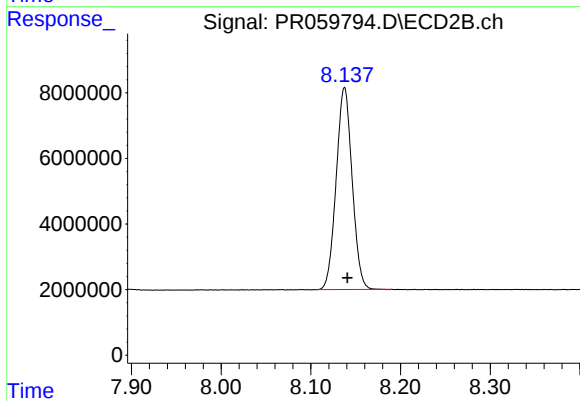
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: -0.001 min
Response: 84025629
Conc: 19.41 ng/ml



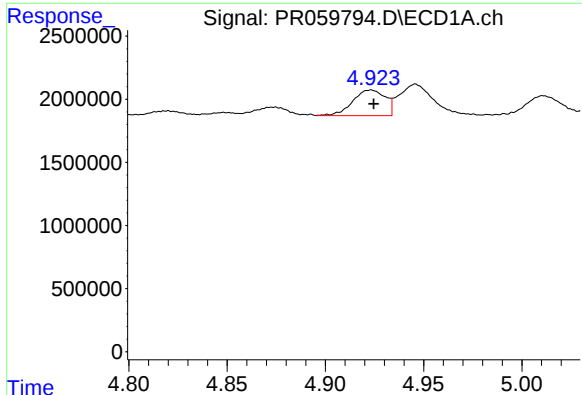
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.008 min
Response: 53721444
Conc: 23.42 ng/ml



#2 Decachlorobiphenyl

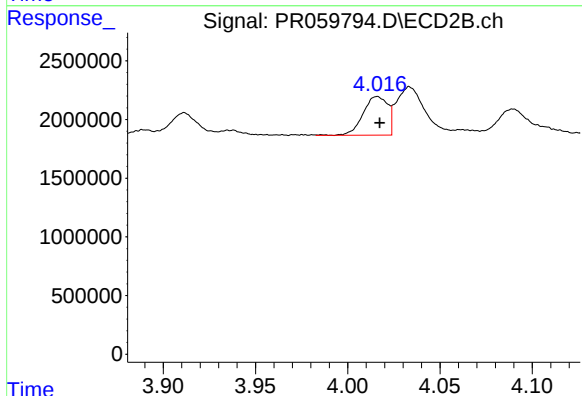
R.T.: 8.138 min
Delta R.T.: -0.003 min
Response: 76204815
Conc: 21.60 ng/ml



#3 AR-1016-1

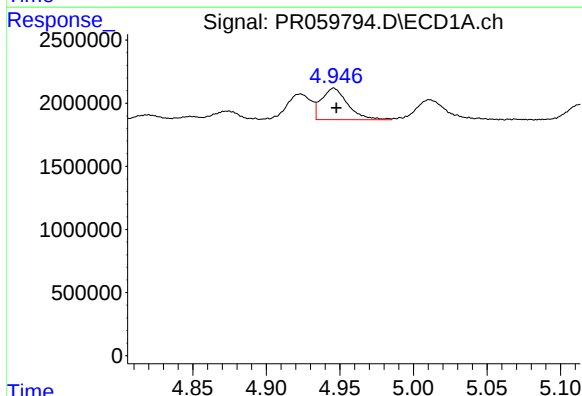
R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 2337632
Conc: 25.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



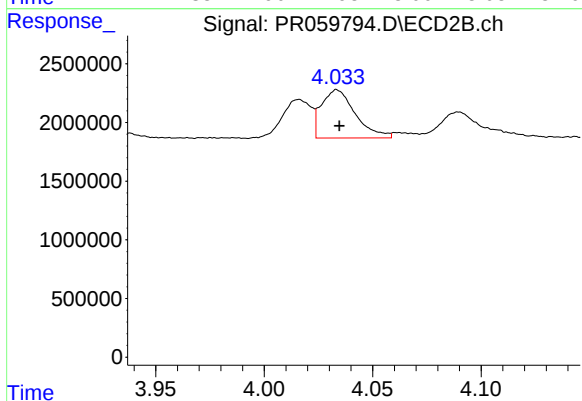
#3 AR-1016-1

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 3060811
Conc: 21.66 ng/ml



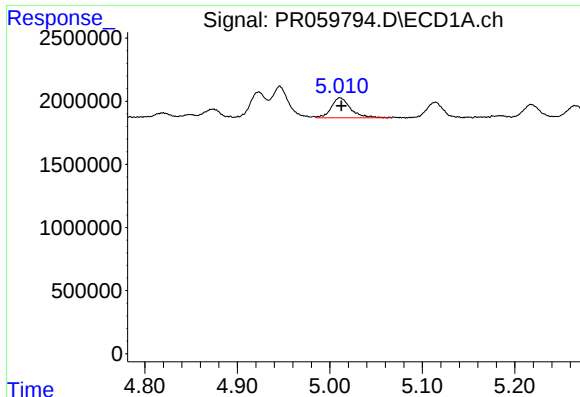
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.002 min
Response: 3093086
Conc: 23.75 ng/ml



#4 AR-1016-2

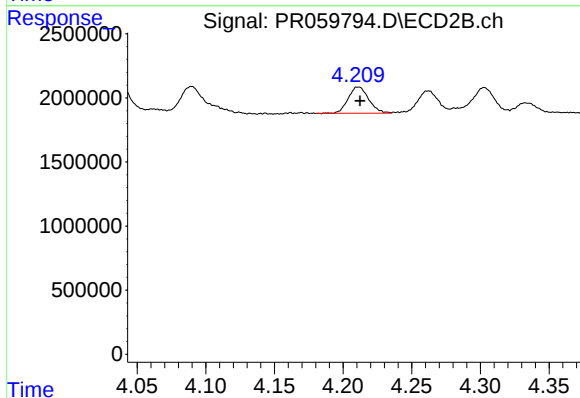
R.T.: 4.034 min
Delta R.T.: -0.001 min
Response: 4482664
Conc: 21.90 ng/ml



#5 AR-1016-3

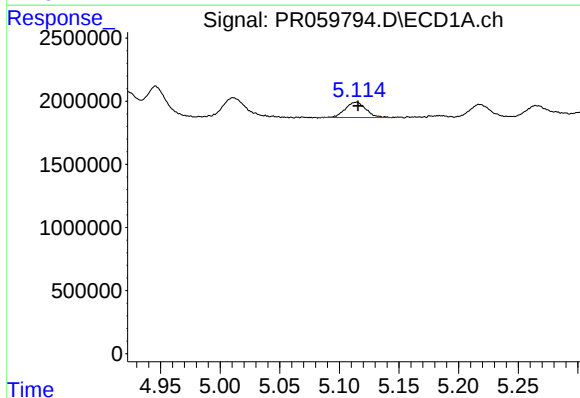
R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 2299310
Conc: 27.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



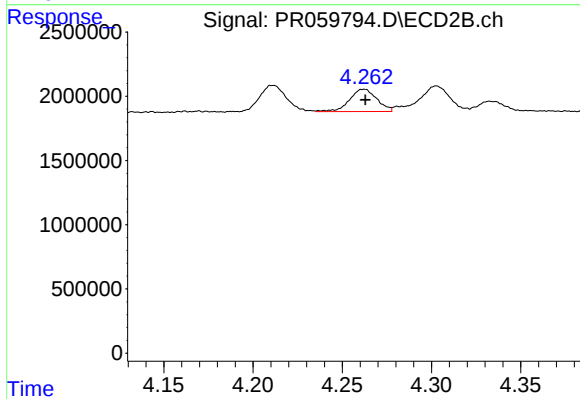
#5 AR-1016-3

R.T.: 4.211 min
Delta R.T.: -0.001 min
Response: 2148412
Conc: 20.13 ng/ml



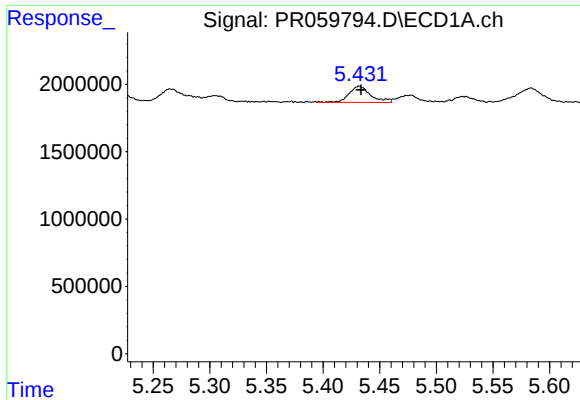
#6 AR-1016-4

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 1460251
Conc: 22.24 ng/ml



#6 AR-1016-4

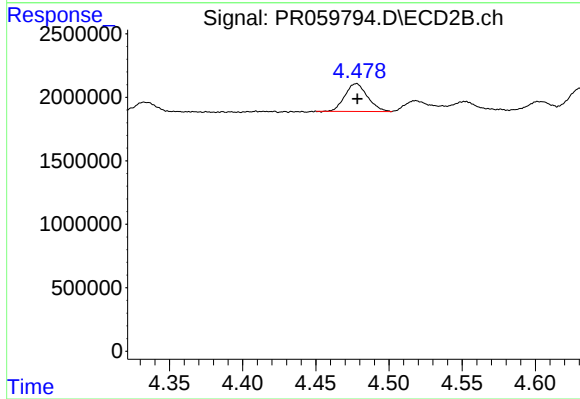
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1854651
Conc: 21.51 ng/ml



#7 AR-1016-5

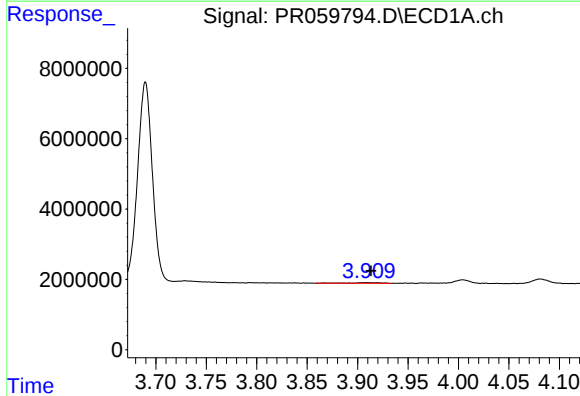
R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 1585683
Conc: 24.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



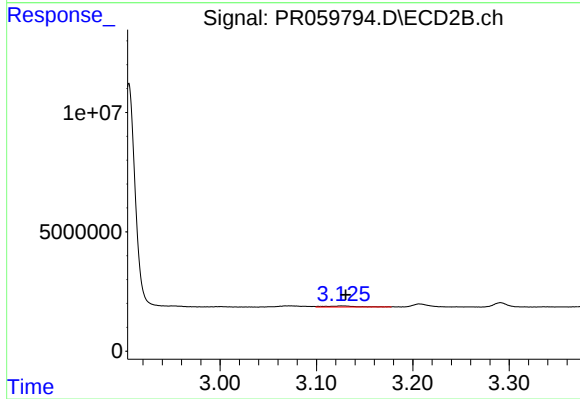
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 2353581
Conc: 21.02 ng/ml



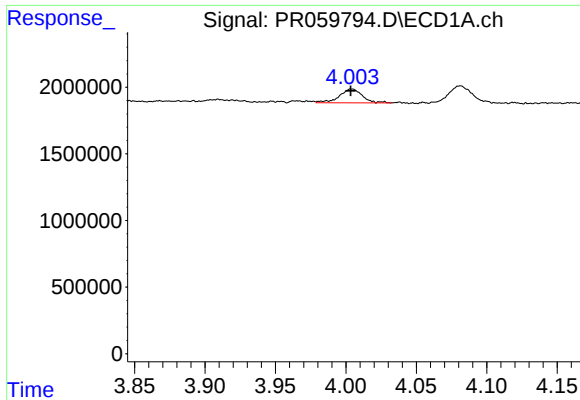
#8 AR-1221-1

R.T.: 3.909 min
Delta R.T.: -0.004 min
Response: 415729
Conc: 13.56 ng/ml



#8 AR-1221-1

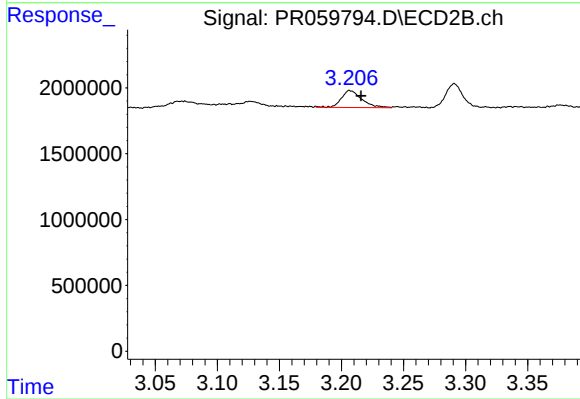
R.T.: 3.126 min
Delta R.T.: -0.004 min
Response: 977293
Conc: 25.77 ng/ml



#9 AR-1221-2

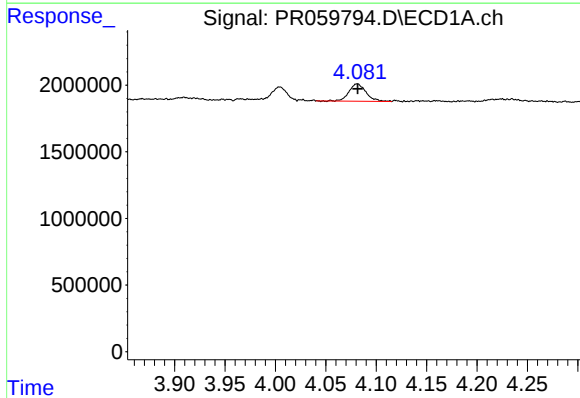
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1177035
Conc: 52.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



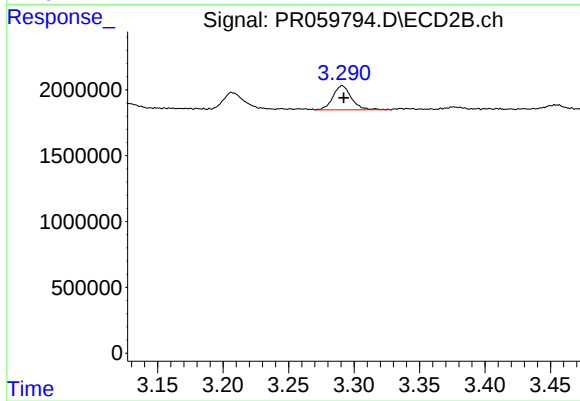
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 1467018
Conc: 52.00 ng/ml



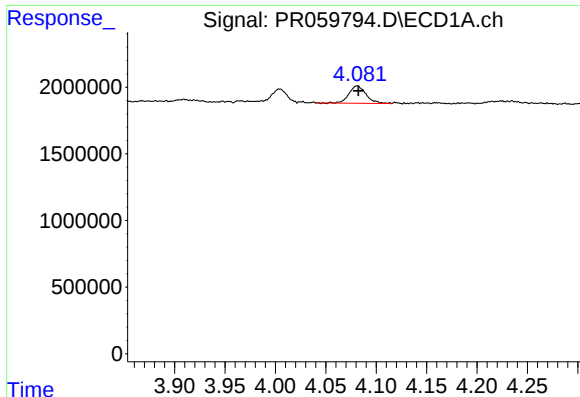
#10 AR-1221-3

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 1552530
Conc: 23.14 ng/ml



#10 AR-1221-3

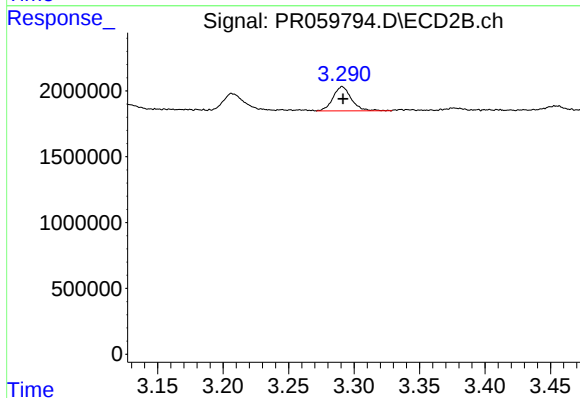
R.T.: 3.291 min
Delta R.T.: -0.001 min
Response: 1792940
Conc: 20.28 ng/ml



#11 AR-1232-1

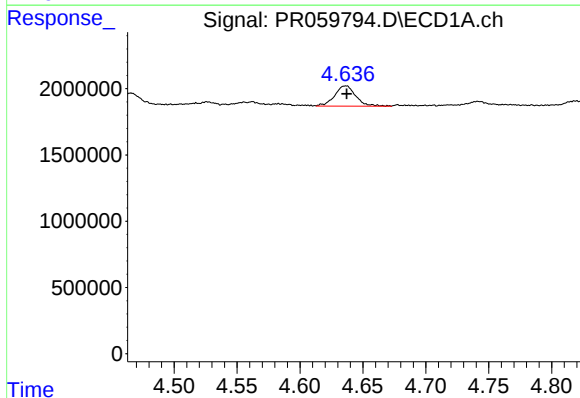
R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 1552530
Conc: 22.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



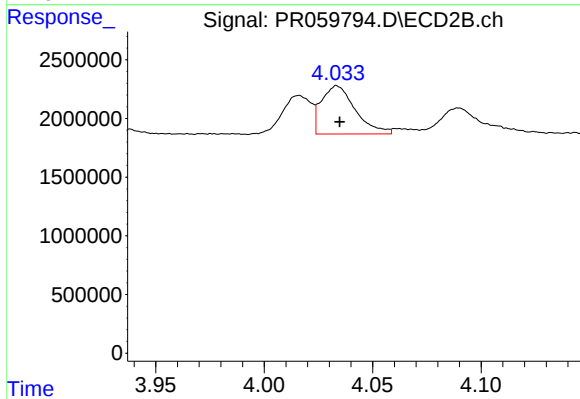
#11 AR-1232-1

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 1792940
Conc: 19.38 ng/ml



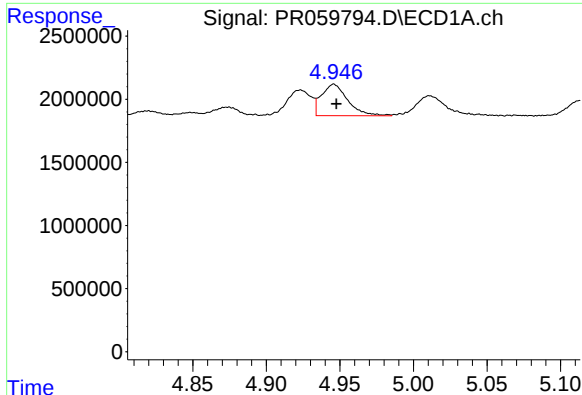
#12 AR-1232-2

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 1776524
Conc: 54.61 ng/ml



#12 AR-1232-2

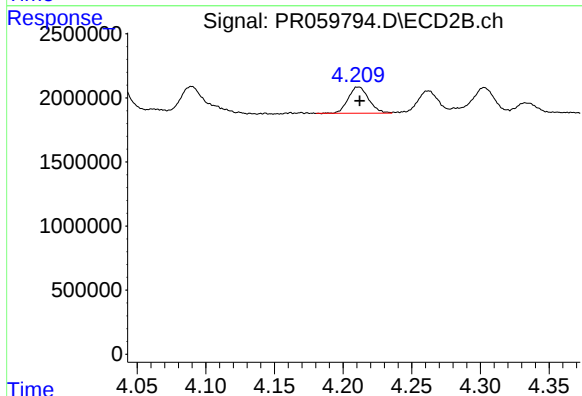
R.T.: 4.034 min
Delta R.T.: -0.001 min
Response: 4482664
Conc: 50.86 ng/ml



#13 AR-1232-3

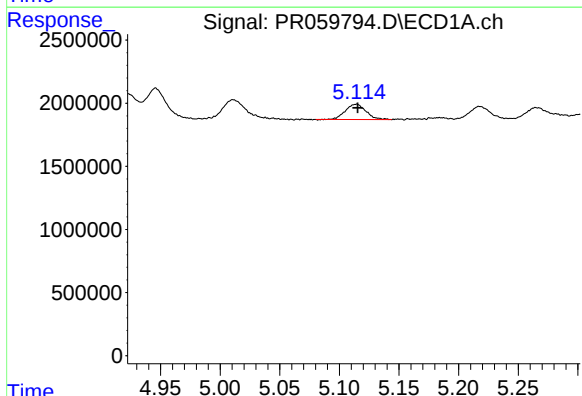
R.T.: 4.946 min
Delta R.T.: -0.002 min
Response: 3093086
Conc: 52.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



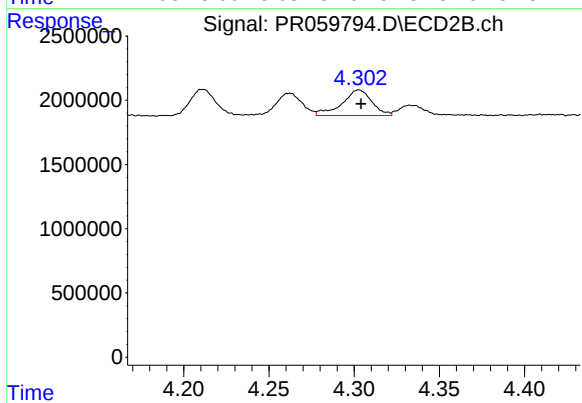
#13 AR-1232-3

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 2148412
Conc: 48.09 ng/ml



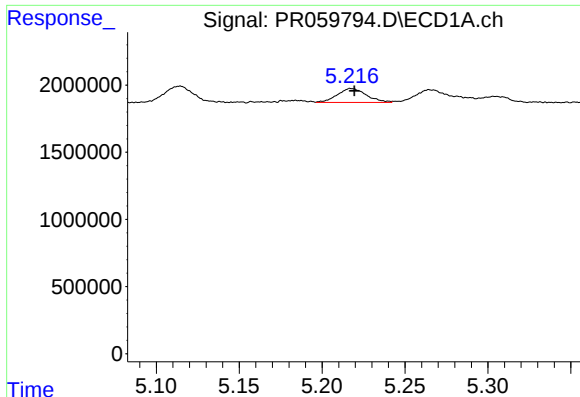
#14 AR-1232-4

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 1460251
Conc: 49.29 ng/ml



#14 AR-1232-4

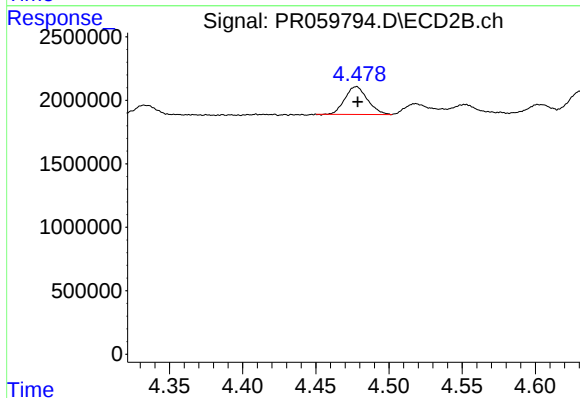
R.T.: 4.303 min
Delta R.T.: -0.001 min
Response: 2424784
Conc: 60.37 ng/ml



#15 AR-1232-5

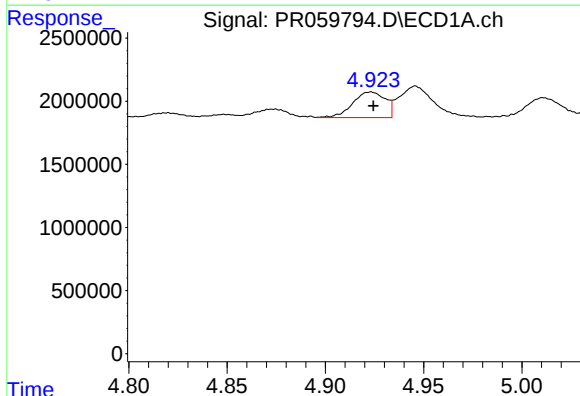
R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 1279438
Conc: 56.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



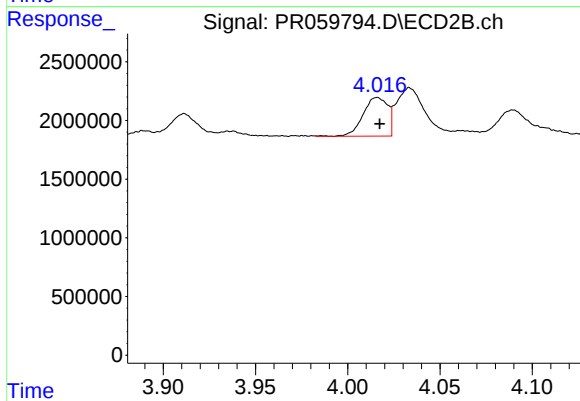
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: -0.001 min
Response: 2353581
Conc: 51.50 ng/ml



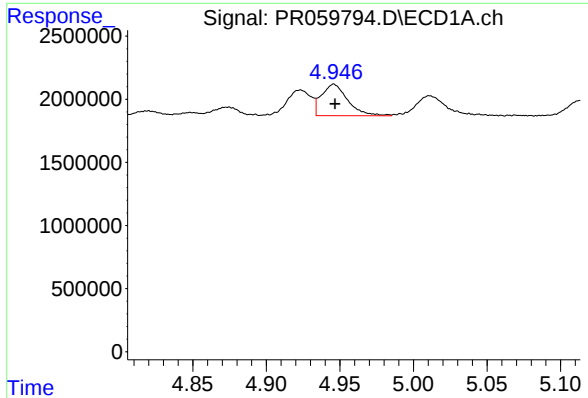
#16 AR-1242-1

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 2337632
Conc: 32.00 ng/ml



#16 AR-1242-1

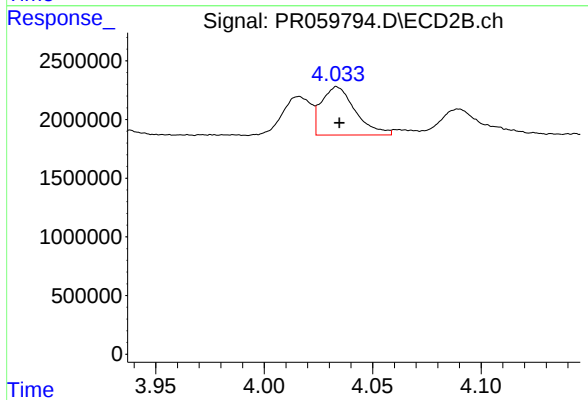
R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 3060811
Conc: 27.69 ng/ml



#17 AR-1242-2

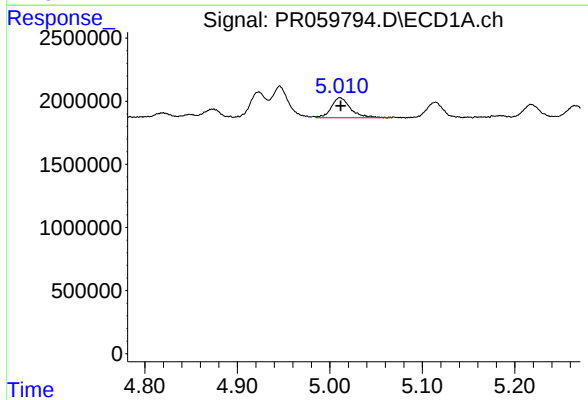
R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 3093086
Conc: 30.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



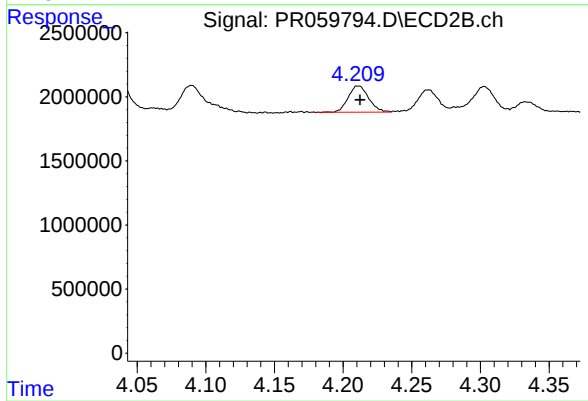
#17 AR-1242-2

R.T.: 4.034 min
Delta R.T.: -0.001 min
Response: 4482664
Conc: 27.75 ng/ml



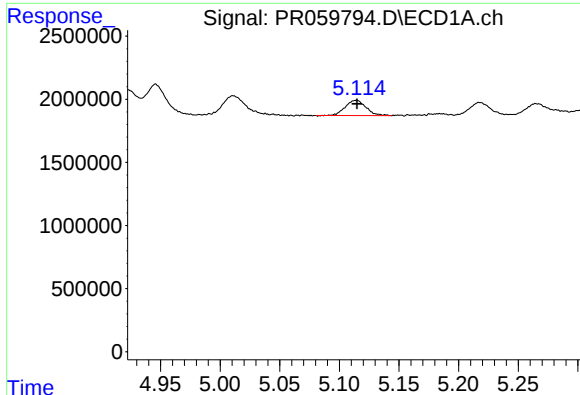
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 2299310
Conc: 35.01 ng/ml



#18 AR-1242-3

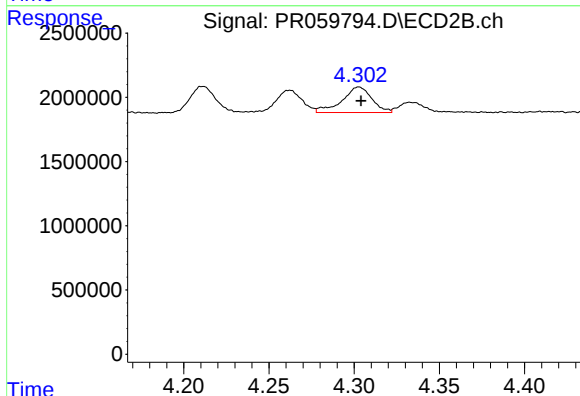
R.T.: 4.211 min
Delta R.T.: -0.001 min
Response: 2148412
Conc: 25.77 ng/ml



#19 AR-1242-4

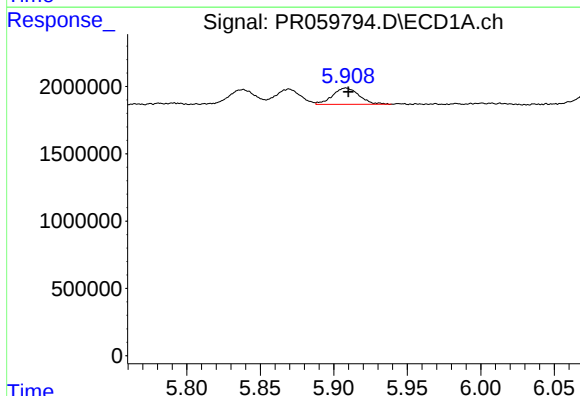
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 1460251
Conc: 27.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



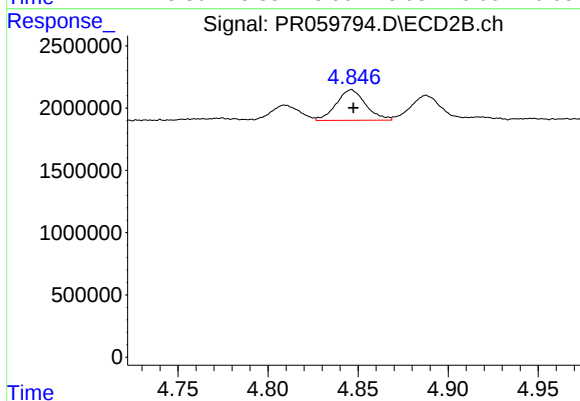
#19 AR-1242-4

R.T.: 4.303 min
Delta R.T.: -0.001 min
Response: 2424784
Conc: 30.08 ng/ml



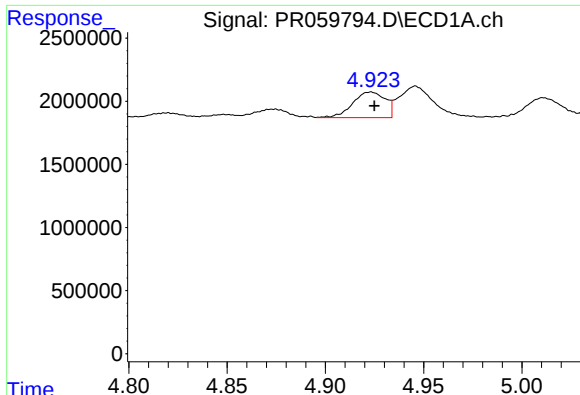
#20 AR-1242-5

R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 1514664
Conc: 28.23 ng/ml



#20 AR-1242-5

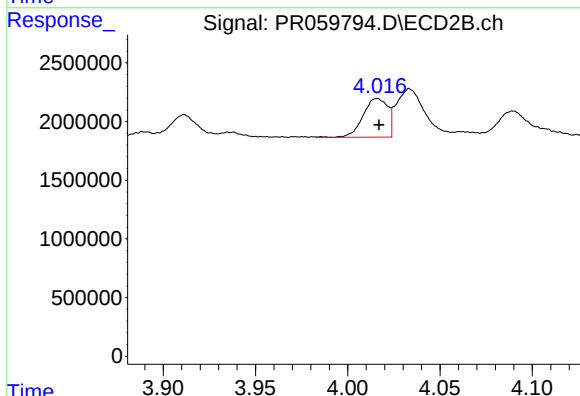
R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 2778683
Conc: 27.70 ng/ml



#21 AR-1248-1

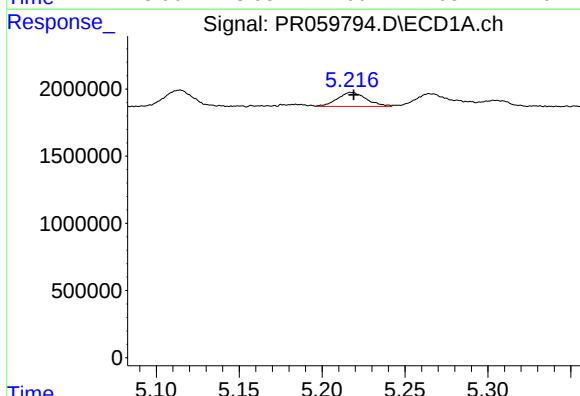
R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 2337632
Conc: 42.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



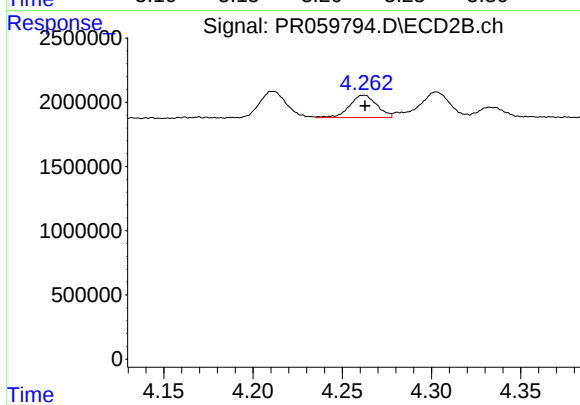
#21 AR-1248-1

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 3060811
Conc: 36.86 ng/ml



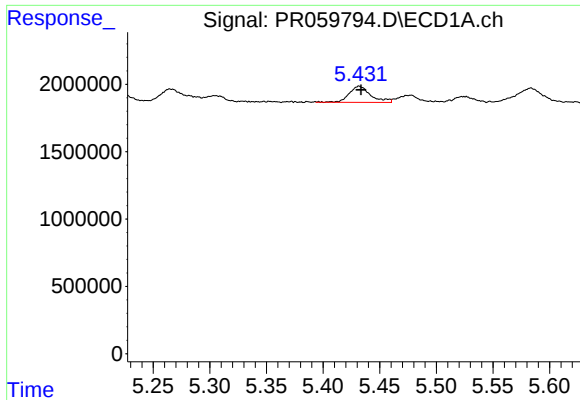
#22 AR-1248-2

R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 1279438
Conc: 17.27 ng/ml



#22 AR-1248-2

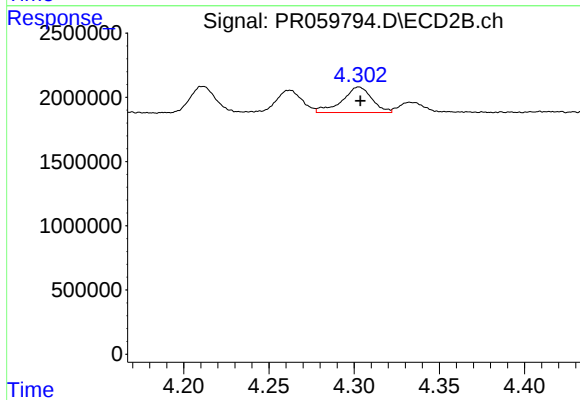
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1854651
Conc: 15.29 ng/ml



#23 AR-1248-3

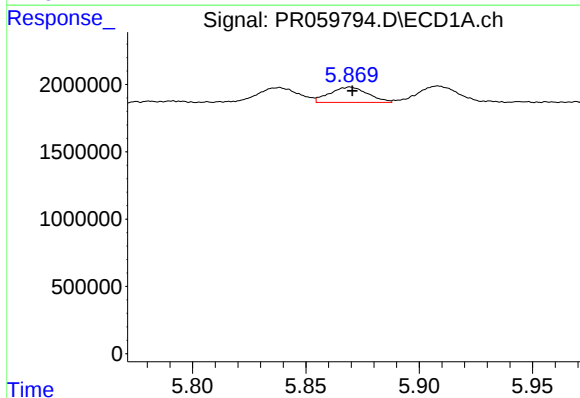
R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 1585683
Conc: 18.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



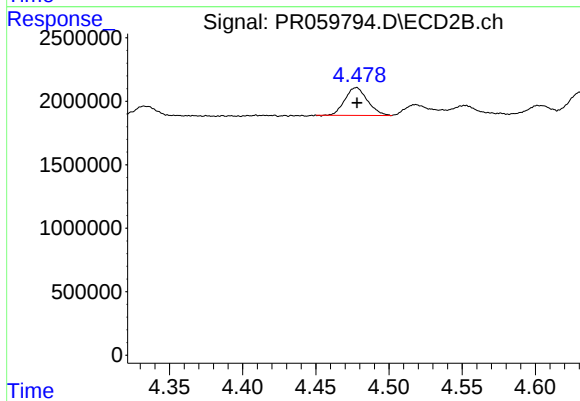
#23 AR-1248-3

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 2424784
Conc: 19.85 ng/ml



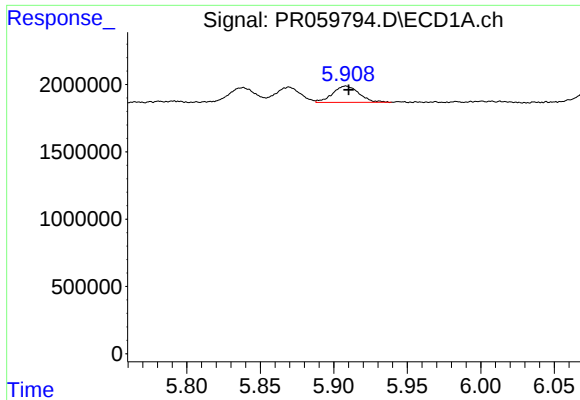
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 1338842
Conc: 14.97 ng/ml



#24 AR-1248-4

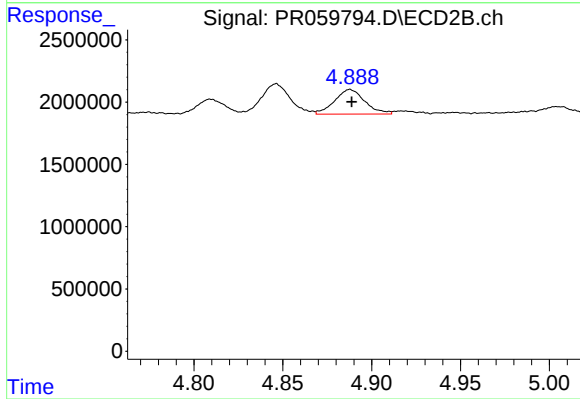
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 2353581
Conc: 15.77 ng/ml



#25 AR-1248-5

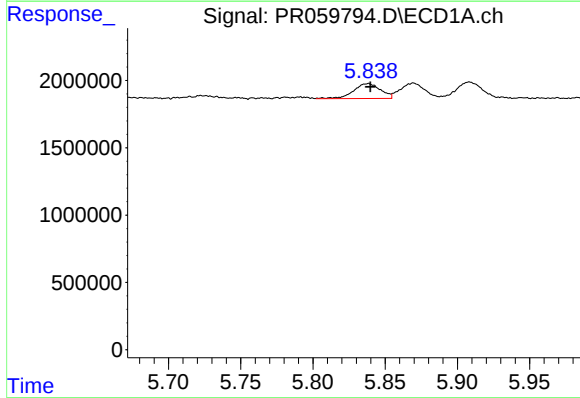
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 1514664
Conc: 16.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



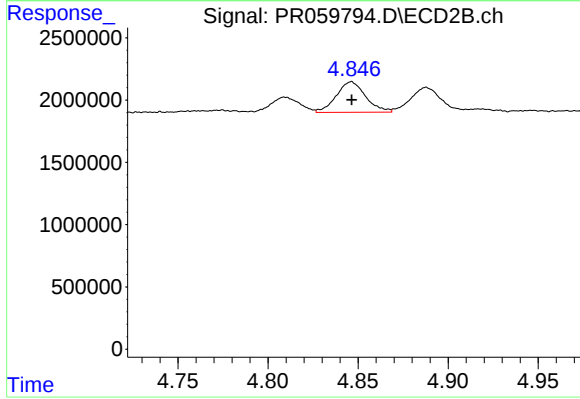
#25 AR-1248-5

R.T.: 4.888 min
Delta R.T.: 0.000 min
Response: 2338705
Conc: 16.90 ng/ml



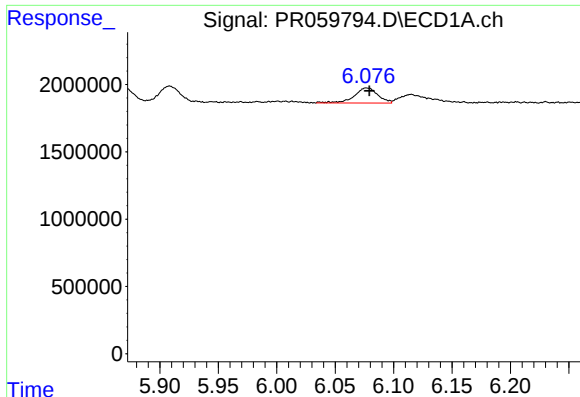
#26 AR-1254-1

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 1451646
Conc: 15.59 ng/ml



#26 AR-1254-1

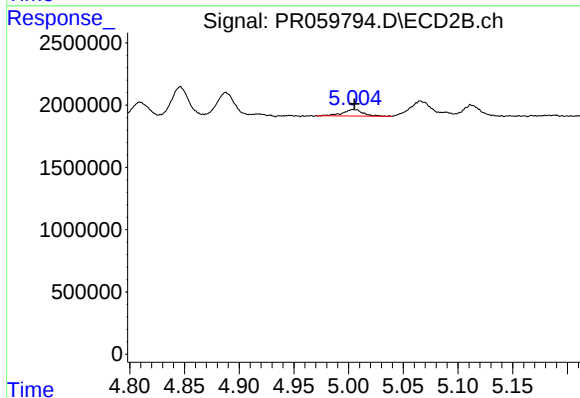
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 2778683
Conc: 12.24 ng/ml



#27 AR-1254-2

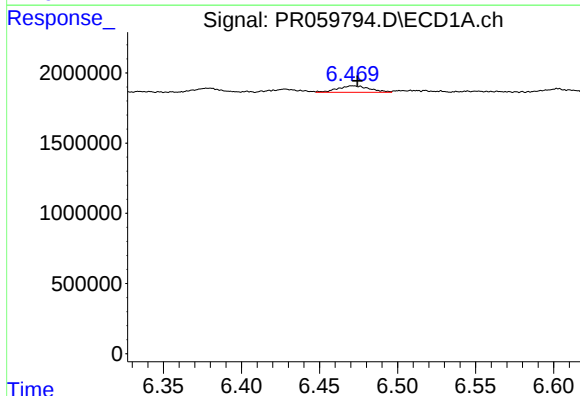
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 1576156
Conc: 11.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



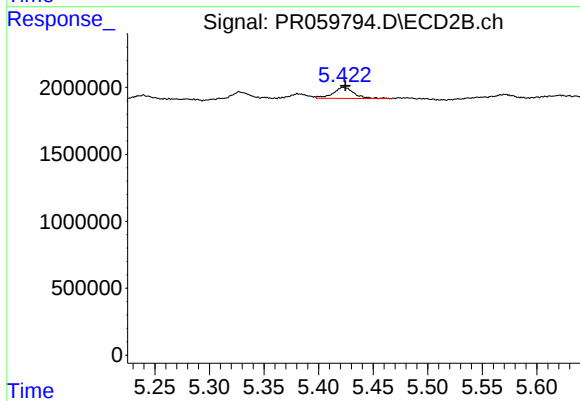
#27 AR-1254-2

R.T.: 5.004 min
Delta R.T.: -0.001 min
Response: 651581
Conc: 3.34 ng/ml



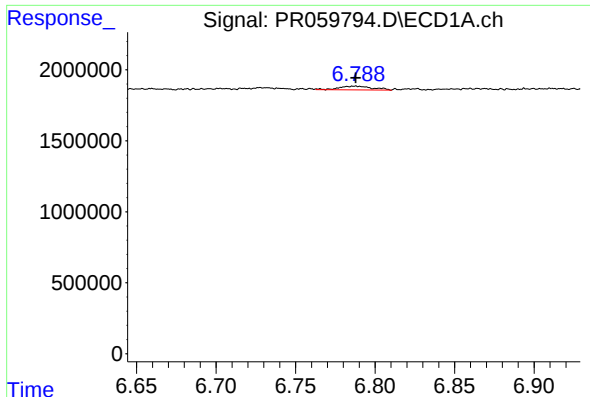
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 666485
Conc: 4.54 ng/ml



#28 AR-1254-3

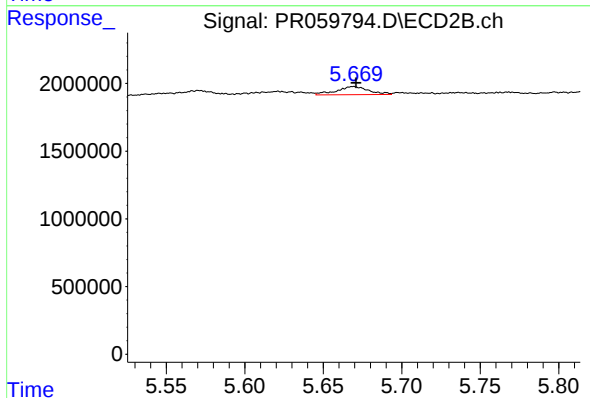
R.T.: 5.423 min
Delta R.T.: -0.002 min
Response: 1106042
Conc: 3.56 ng/ml



#29 AR-1254-4

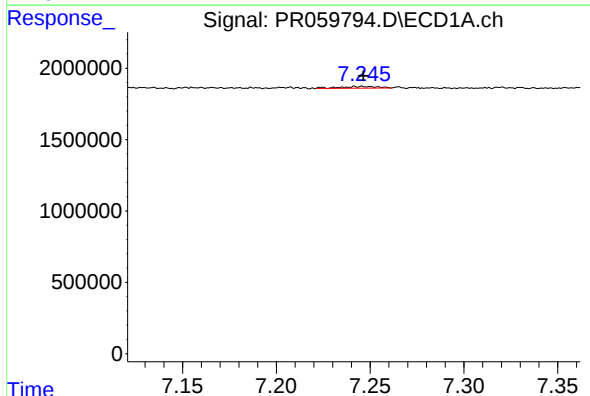
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 390418
Conc: 3.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



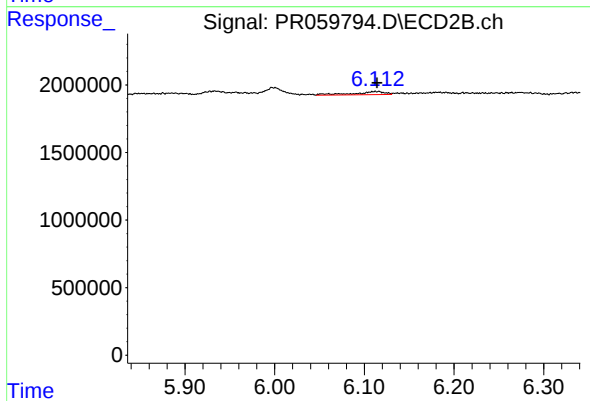
#29 AR-1254-4

R.T.: 5.669 min
Delta R.T.: -0.002 min
Response: 869875
Conc: 4.82 ng/ml



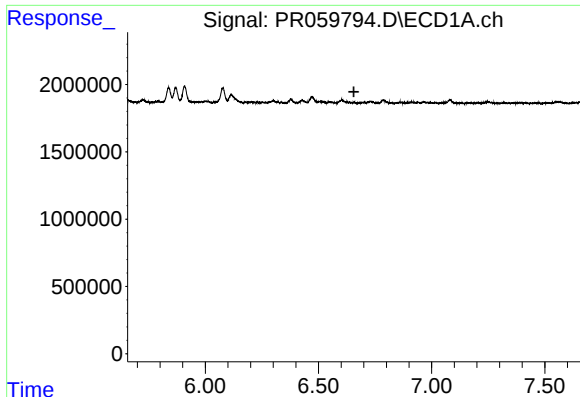
#30 AR-1254-5

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 174492
Conc: 1.47 ng/ml



#30 AR-1254-5

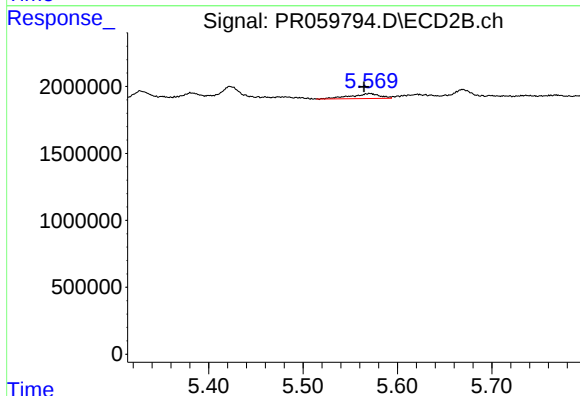
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 568404
Conc: 2.07 ng/ml



#31 AR-1260-1

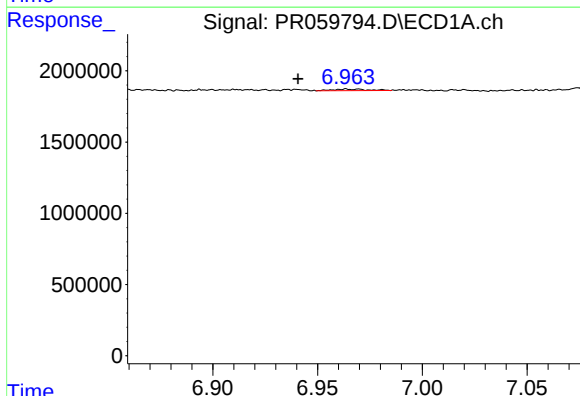
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



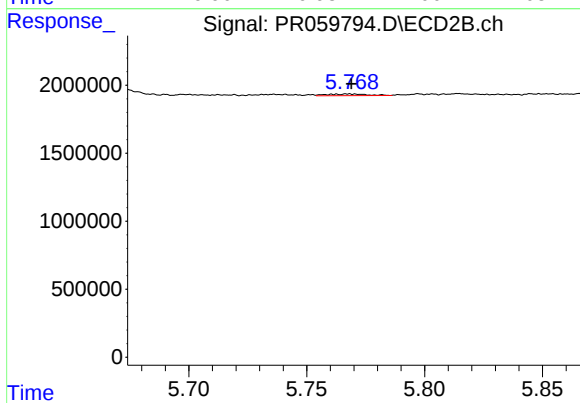
#31 AR-1260-1

R.T.: 5.571 min
Delta R.T.: 0.006 min
Response: 816599
Conc: 3.55 ng/ml



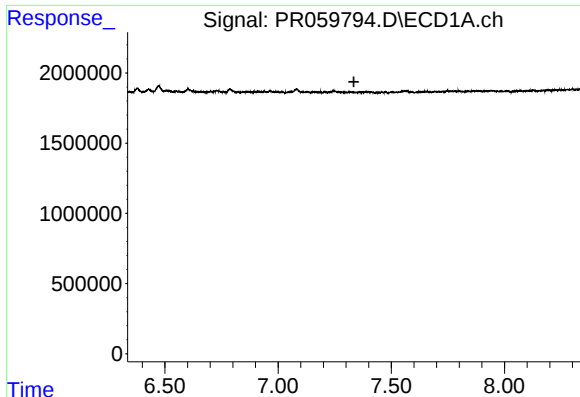
#32 AR-1260-2

R.T.: 6.964 min
Delta R.T.: 0.023 min
Response: 117214
Conc: 0.84 ng/ml



#32 AR-1260-2

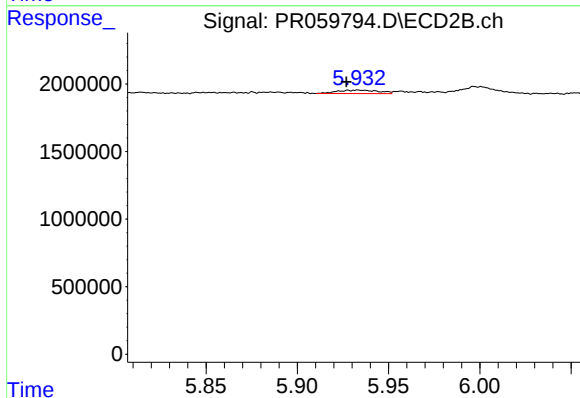
R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 140302
Conc: 0.52 ng/ml



#33 AR-1260-3

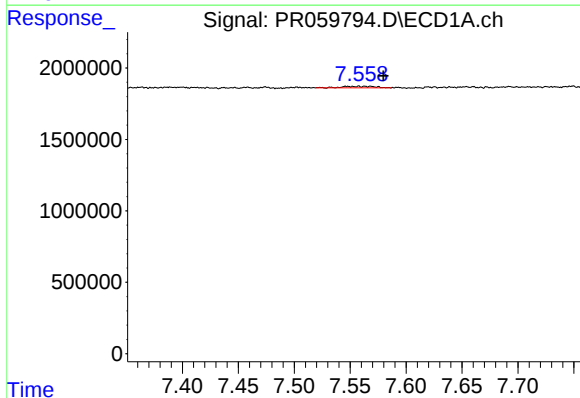
R.T.: 0.000 min
Exp R.T.: 7.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



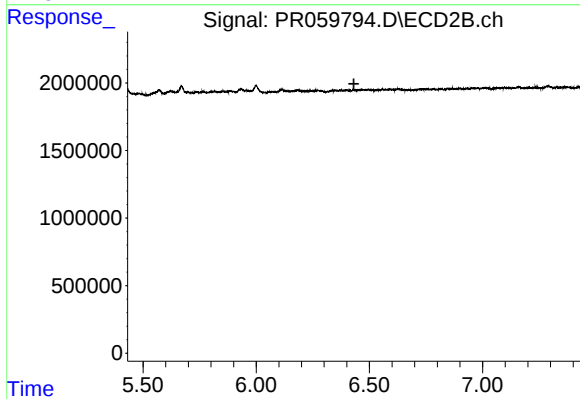
#33 AR-1260-3

R.T.: 5.933 min
Delta R.T.: 0.006 min
Response: 406263
Conc: 1.58 ng/ml



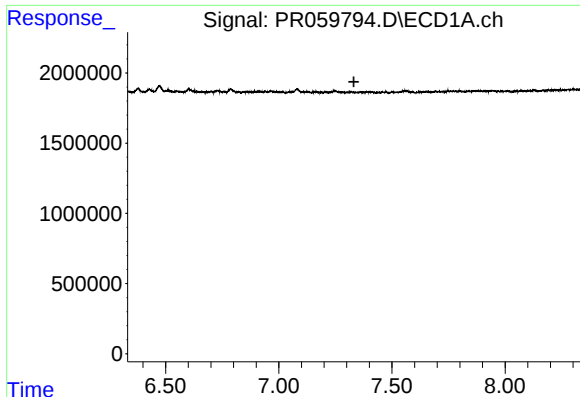
#34 AR-1260-4

R.T.: 7.558 min
Delta R.T.: -0.022 min
Response: 236695
Conc: 1.93 ng/ml



#34 AR-1260-4

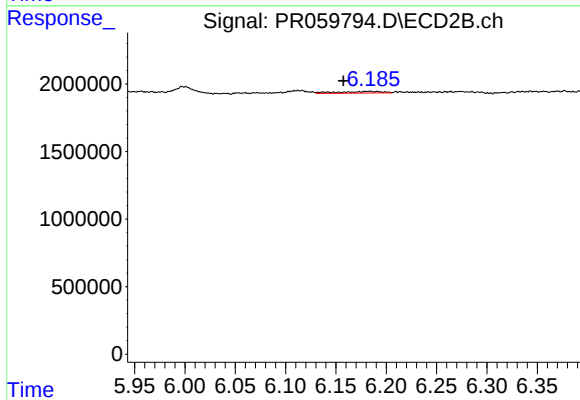
R.T.: 0.000 min
Exp R.T.: 6.431 min
Response: 0
Conc: N.D.



#36 AR-1262-1

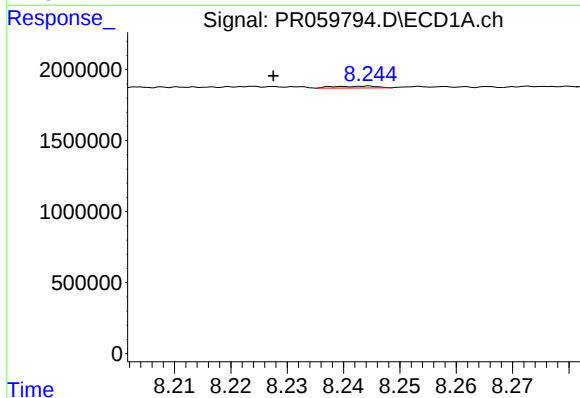
R.T.: 0.000 min
Exp R.T.: 7.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



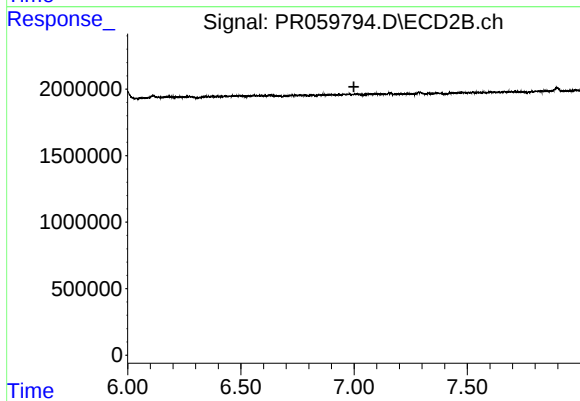
#36 AR-1262-1

R.T.: 6.174 min
Delta R.T.: 0.017 min
Response: 388669
Conc: 1.34 ng/ml



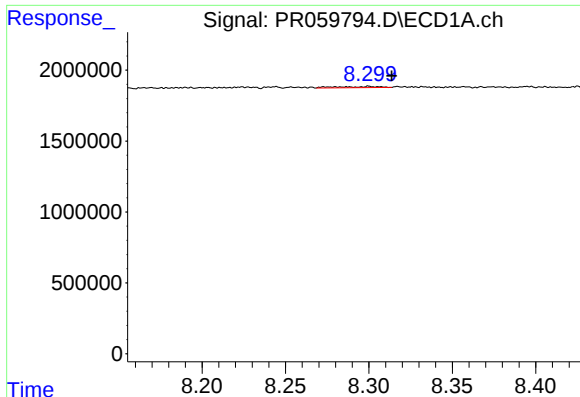
#38 AR-1262-3

R.T.: 8.244 min
Delta R.T.: 0.017 min
Response: 69838
Conc: 0.41 ng/ml



#38 AR-1262-3

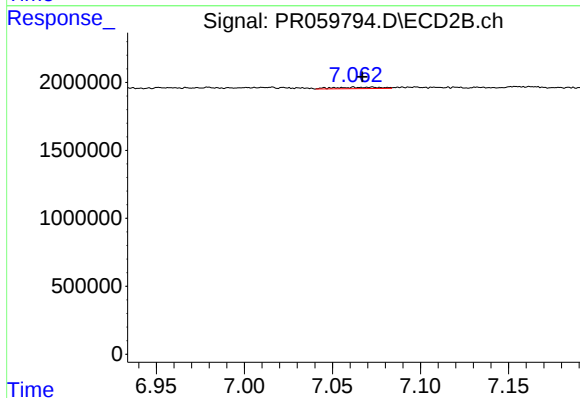
R.T.: 0.000 min
Exp R.T.: 6.999 min
Response: 0
Conc: N.D.



#39 AR-1262-4

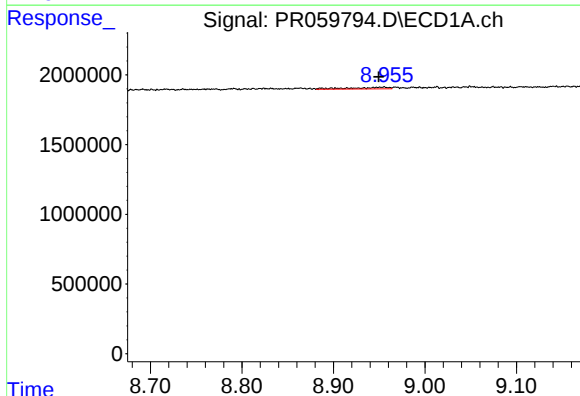
R.T.: 8.300 min
Delta R.T.: -0.014 min
Response: 150211
Conc: 1.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



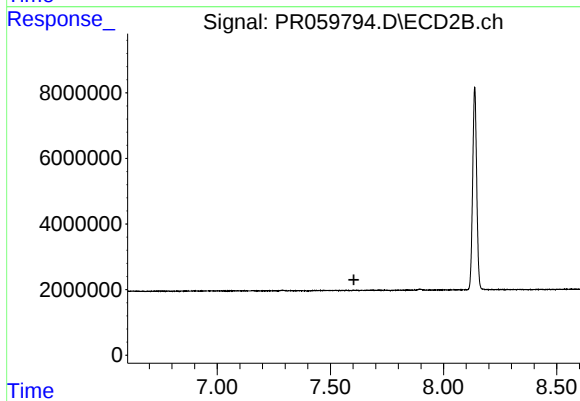
#39 AR-1262-4

R.T.: 7.062 min
Delta R.T.: -0.005 min
Response: 173617
Conc: 0.48 ng/ml



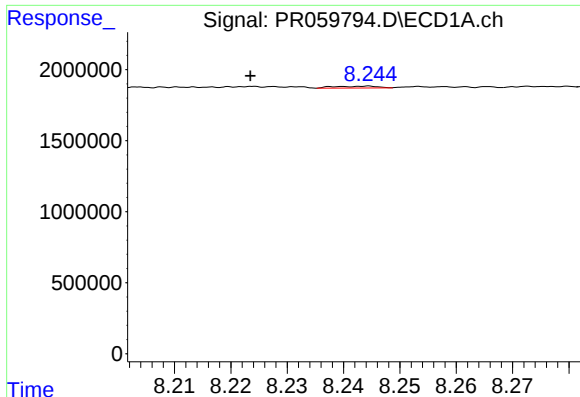
#40 AR-1262-5

R.T.: 8.955 min
Delta R.T.: 0.006 min
Response: 336875
Conc: 3.55 ng/ml



#40 AR-1262-5

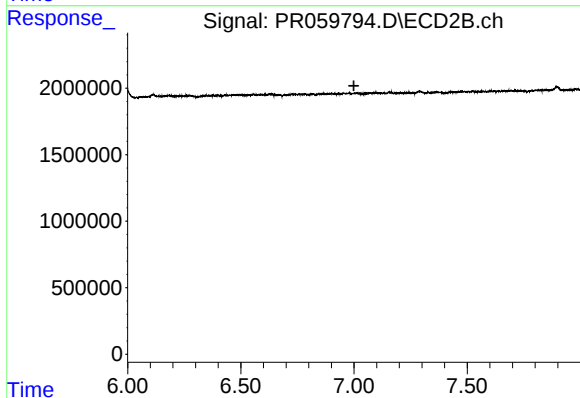
R.T.: 0.000 min
Exp R.T. : 7.604 min
Response: 0
Conc: N.D.



#41 AR-1268-1

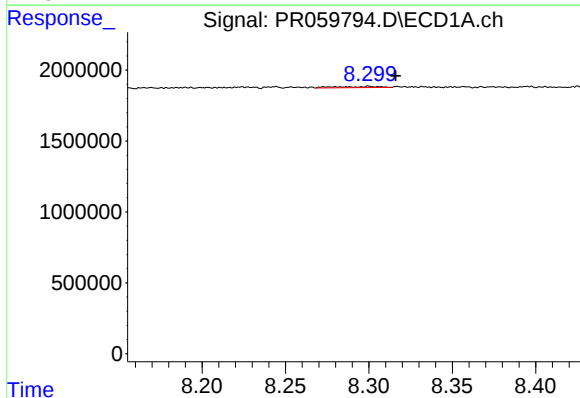
R.T.: 8.244 min
Delta R.T.: 0.021 min
Response: 69838
Conc: 0.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



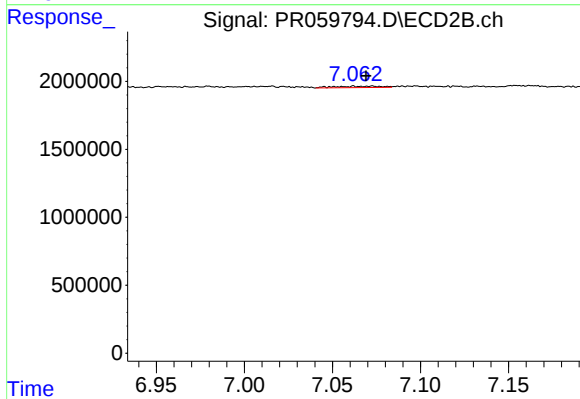
#41 AR-1268-1

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



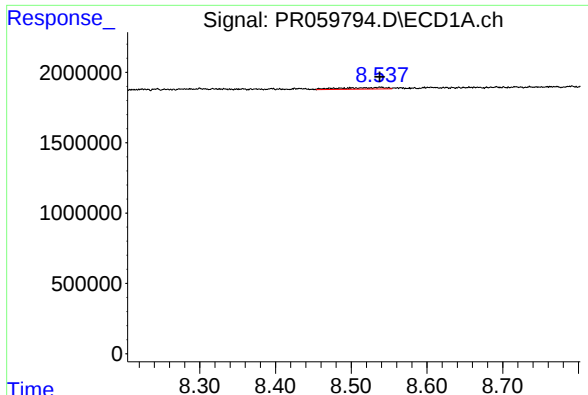
#42 AR-1268-2

R.T.: 8.300 min
Delta R.T.: -0.016 min
Response: 150211
Conc: 0.54 ng/ml



#42 AR-1268-2

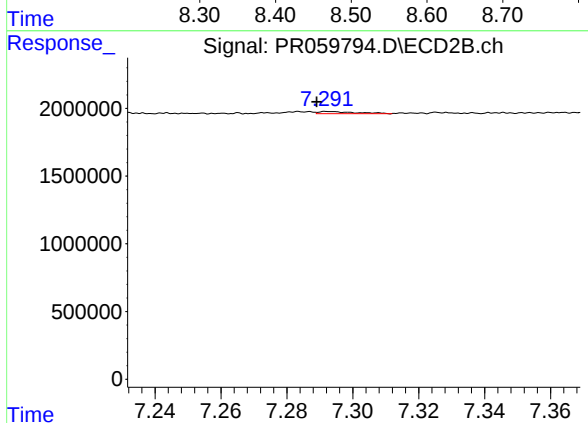
R.T.: 7.062 min
Delta R.T.: -0.007 min
Response: 173617
Conc: 0.31 ng/ml



#43 AR-1268-3

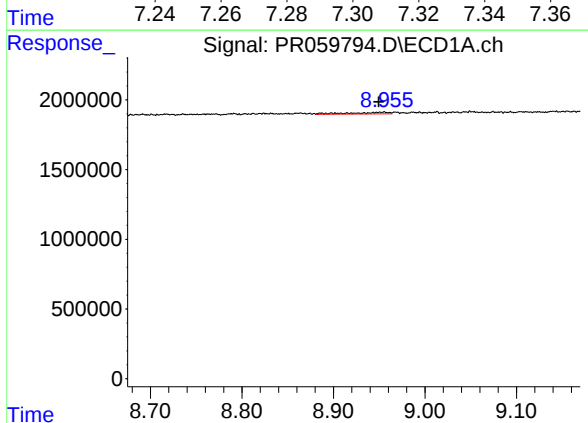
R.T.: 8.539 min
Delta R.T.: 0.001 min
Response: 462532
Conc: 1.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



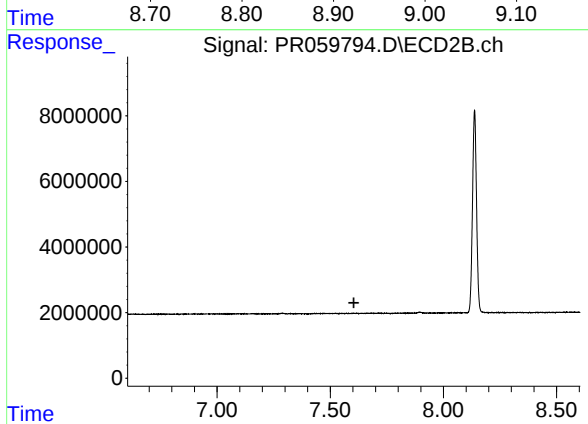
#43 AR-1268-3

R.T.: 7.293 min
Delta R.T.: 0.004 min
Response: 126568
Conc: 0.26 ng/ml



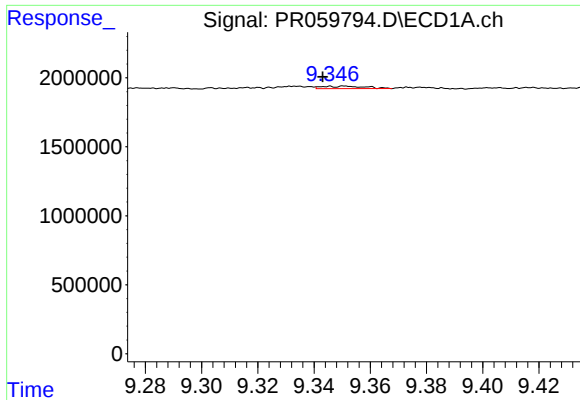
#44 AR-1268-4

R.T.: 8.955 min
Delta R.T.: 0.006 min
Response: 336875
Conc: 3.07 ng/ml



#44 AR-1268-4

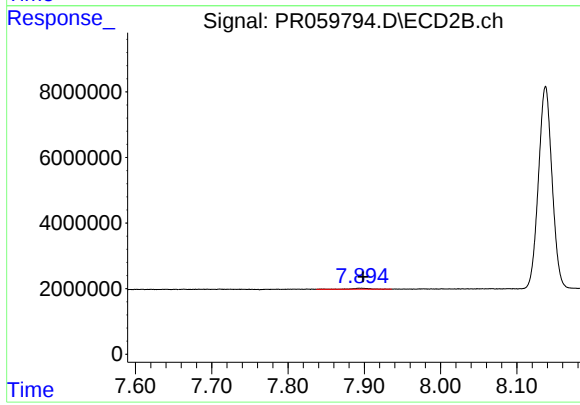
R.T.: 0.000 min
Exp R.T. : 7.605 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.351 min
Delta R.T.: 0.008 min
Response: 184555
Conc: 0.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.894 min
Delta R.T.: -0.004 min
Response: 473295
Conc: 0.32 ng/ml