

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
 Data File : PR051361.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2021 17:45
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:05:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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...	4.629	3.808	146.0E6	137.3E6	17.858	18.463
2)	SA Decachlor...	10.507	8.836	229.6E6	178.9E6	23.904	22.374
Target Compounds							
3)	L1 AR-1016-1	5.811	4.901	468871	633721	1.292	2.154 #
4)	L1 AR-1016-2	5.835	4.901	613219	633721	1.182	1.501 #
5)	L1 AR-1016-3	5.920f	0.000	496551	0	1.636	N.D. #
6)	L1 AR-1016-4	5.999	5.137	363031	1628189	1.413	9.613 #
7)	L1 AR-1016-5	6.297	0.000	393441	0	1.588	N.D. #
8)	L2 AR-1221-1	0.000	4.033	0	620303	N.D.	8.450 #
9)	L2 AR-1221-2	4.938	4.110	2904148	1789411	43.179	30.340 #
10)	L2 AR-1221-3	5.015	0.000	661827	0	3.079	N.D. #
11)	L3 AR-1232-1	5.015	0.000	661827	0	3.666	N.D. #
12)	L3 AR-1232-2	5.546	4.901	357607	633721	3.679	3.780
13)	L3 AR-1232-3	5.835	0.000	613219	0	2.933	N.D. #
14)	L3 AR-1232-4	5.999	0.000	363031	0	3.516	N.D. #
15)	L3 AR-1232-5	6.062f	0.000	135245	0	1.801	N.D. #
16)	L4 AR-1242-1	5.811	4.901	468871	633721	1.832	3.058 #
17)	L4 AR-1242-2	5.835	4.901	613219	633721	1.622	2.090 #
18)	L4 AR-1242-3	5.920f	0.000	496551	0	2.257	N.D. #
19)	L4 AR-1242-4	5.999	0.000	363031	0	1.947	N.D. #
20)	L4 AR-1242-5	6.735	5.692	1427708	108779	6.523	0.542 #
21)	L5 AR-1248-1	5.811	4.901	468871	633721	2.223	3.715 #
22)	L5 AR-1248-2	6.062f	5.137	135245	1628189	0.462	7.109 #
23)	L5 AR-1248-3	6.297	0.000	393441	0	1.177	N.D. #
24)	L5 AR-1248-4	6.695	0.000	2166382	0	5.211	N.D. #
25)	L5 AR-1248-5	6.735	5.716f	1427708	155292	3.579	0.507 #
26)	L6 AR-1254-1	6.670	5.692	1872145	108779	5.282	0.265 #
27)	L6 AR-1254-2	6.913f	5.840	5860856	229445	10.427	0.660 #
28)	L6 AR-1254-3	7.281f	6.250	5818883	56851	9.720	0.094 #
29)	L6 AR-1254-4	7.540	0.000	7070289	0	14.383	N.D. #
30)	L6 AR-1254-5	7.953	0.000	2819606	0	5.951	N.D. #
31)	L7 AR-1260-1	7.405	6.360	1467416	120285	3.075	0.292 #
32)	L7 AR-1260-2	7.685	6.562	3884076	31565	6.150	0.062 #
33)	L7 AR-1260-3	8.034	6.719	9748568	495792	19.498	1.013 #
34)	L7 AR-1260-4	8.288f	7.184	13459153	7881639	26.281	19.284 #
35)	L7 AR-1260-5	8.608	7.426	4499278	3362553	3.904	3.209
36)	L8 AR-1262-1	8.034	0.000	9748568	0	14.848	N.D. #
37)	L8 AR-1262-2	8.608	7.426	4499278	3362553	3.745	3.311
38)	L8 AR-1262-3	8.929	7.710	43522922	33490893	57.078	91.035 #
39)	L8 AR-1262-4	9.030	7.775	38606675	30207718	66.296	41.446 #
40)	L8 AR-1262-5	9.723	8.273	16341543	12037636	38.876	36.905
41)	L9 AR-1268-1	8.929	7.710	43522922	33490893	30.793	31.092

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
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 Acq On : 27 Jul 2021 17:45
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1268 LOD 25 PPB
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Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:05:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
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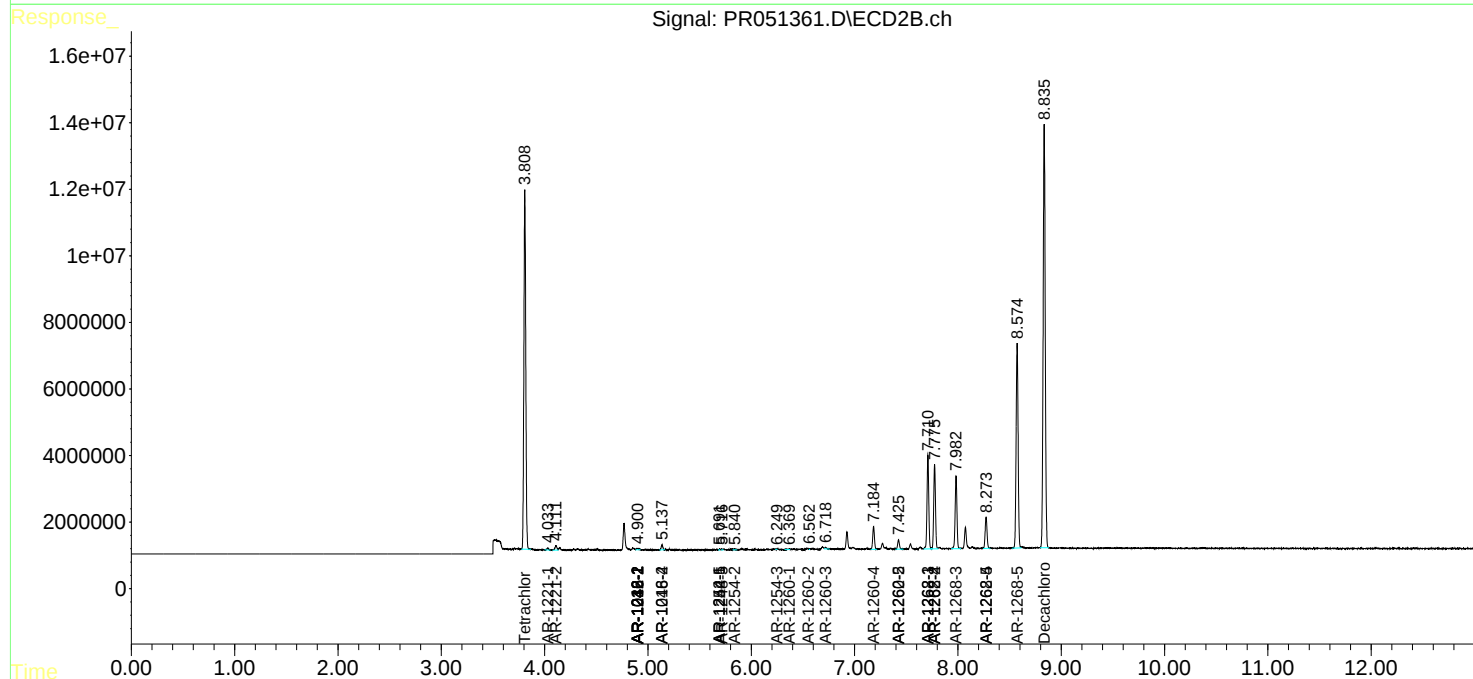
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

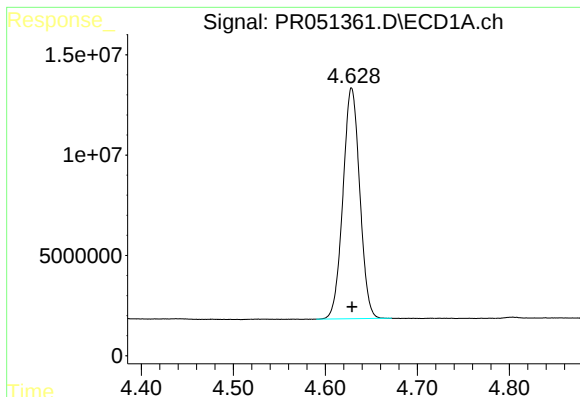
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.030	7.775	38606675	30207718	30.239	30.337
43) L9	AR-1268-3	9.266	7.983	34989784	26623270	31.343	32.362
44) L9	AR-1268-4	9.723	8.273	16341543	12037636	36.027	33.914
45) L9	AR-1268-5	10.155	8.574	107.0E6	82242766	29.253	29.594

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

Instrument :
ECD_R
ClientSampleId :

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

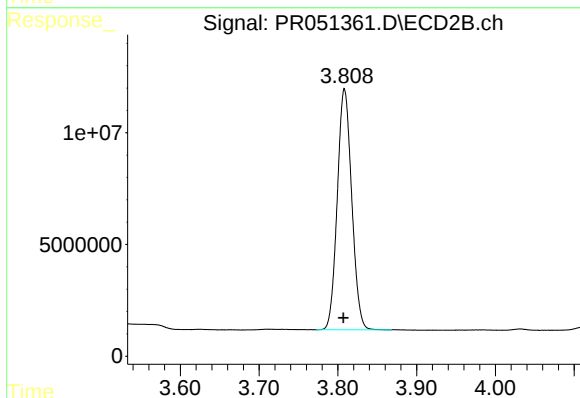




#1 Tetrachloro-m-xylene

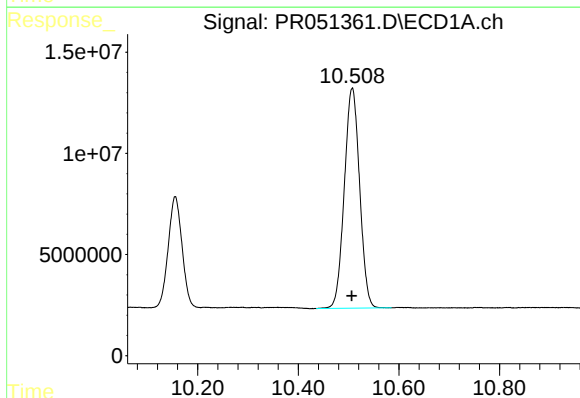
R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 145950724
Conc: 17.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



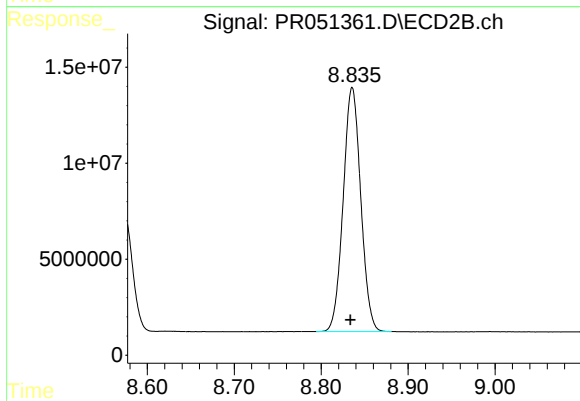
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.001 min
Response: 137287049
Conc: 18.46 ng/ml



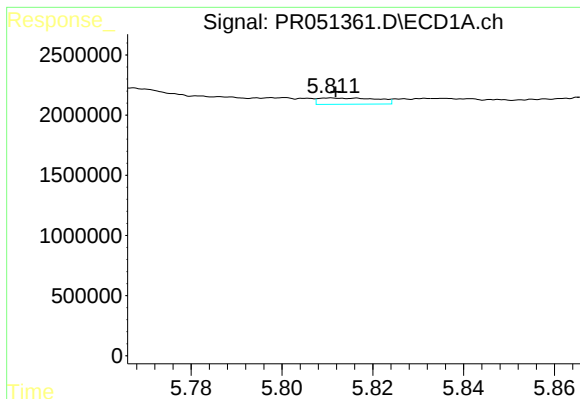
#2 Decachlorobiphenyl

R.T.: 10.507 min
Delta R.T.: 0.001 min
Response: 229608827
Conc: 23.90 ng/ml



#2 Decachlorobiphenyl

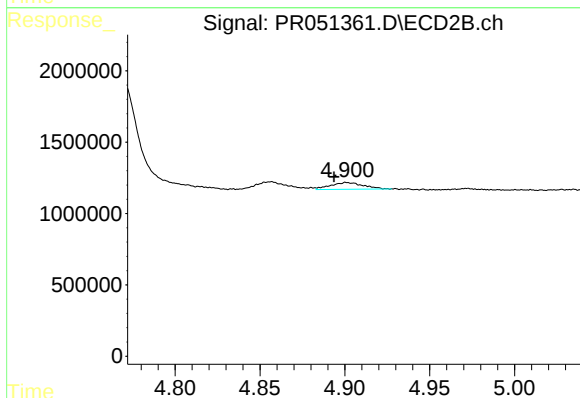
R.T.: 8.836 min
Delta R.T.: 0.002 min
Response: 178886209
Conc: 22.37 ng/ml



#3 AR-1016-1

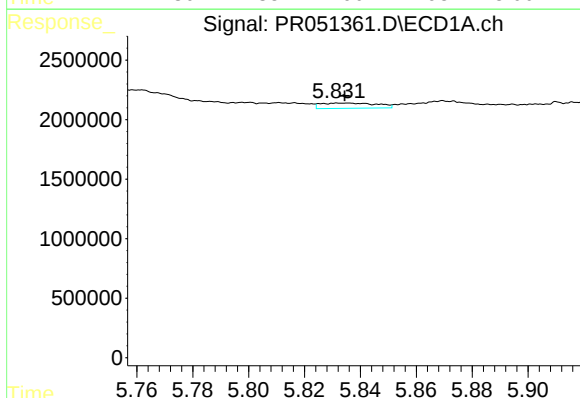
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 468871
Conc: 1.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



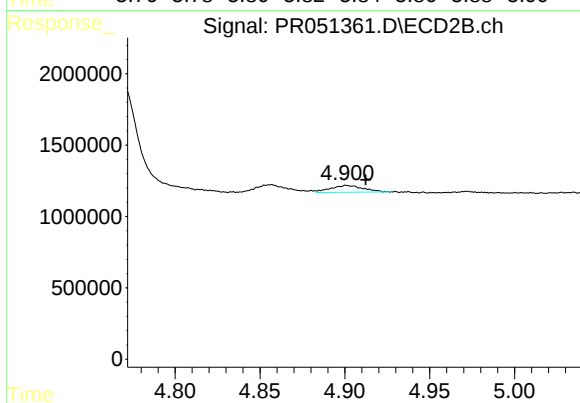
#3 AR-1016-1

R.T.: 4.901 min
Delta R.T.: 0.007 min
Response: 633721
Conc: 2.15 ng/ml



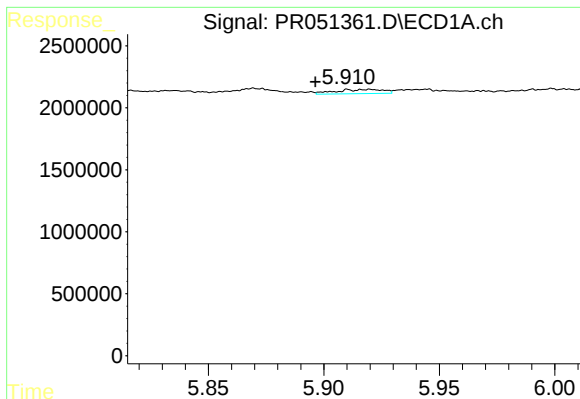
#4 AR-1016-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 613219
Conc: 1.18 ng/ml



#4 AR-1016-2

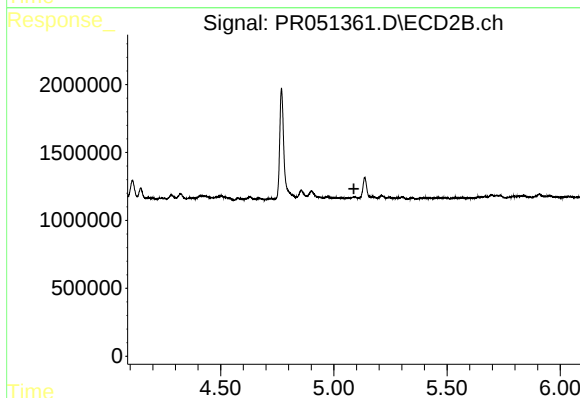
R.T.: 4.901 min
Delta R.T.: -0.012 min
Response: 633721
Conc: 1.50 ng/ml



#5 AR-1016-3

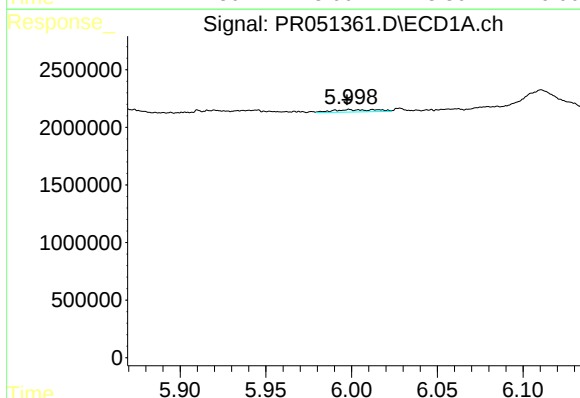
R.T.: 5.920 min
Delta R.T.: 0.024 min
Response: 496551
Conc: 1.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



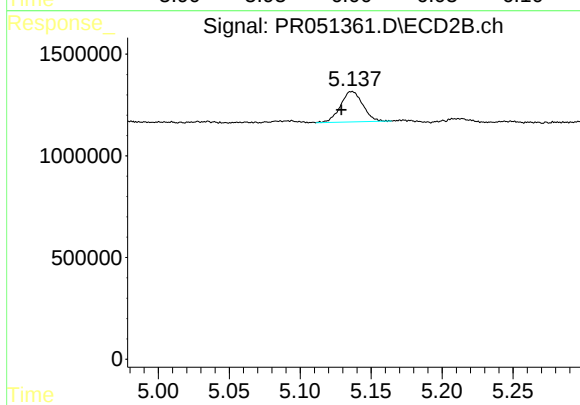
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.088 min
Response: 0
Conc: N.D.



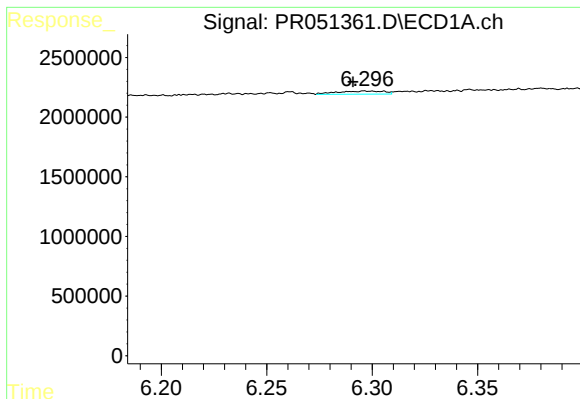
#6 AR-1016-4

R.T.: 5.999 min
Delta R.T.: 0.001 min
Response: 363031
Conc: 1.41 ng/ml



#6 AR-1016-4

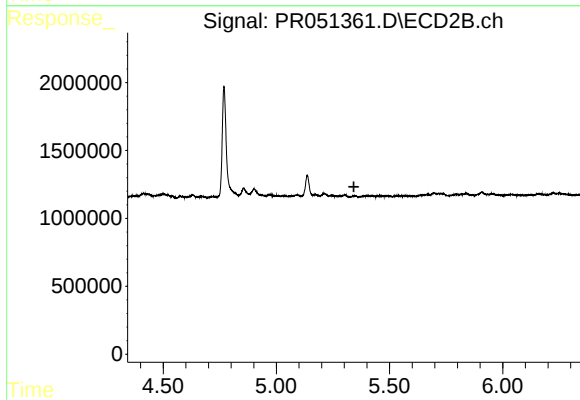
R.T.: 5.137 min
Delta R.T.: 0.007 min
Response: 1628189
Conc: 9.61 ng/ml



#7 AR-1016-5

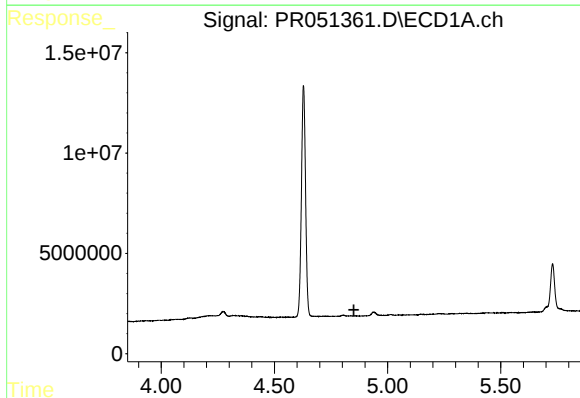
R.T.: 6.297 min
Delta R.T.: 0.006 min
Response: 393441
Conc: 1.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



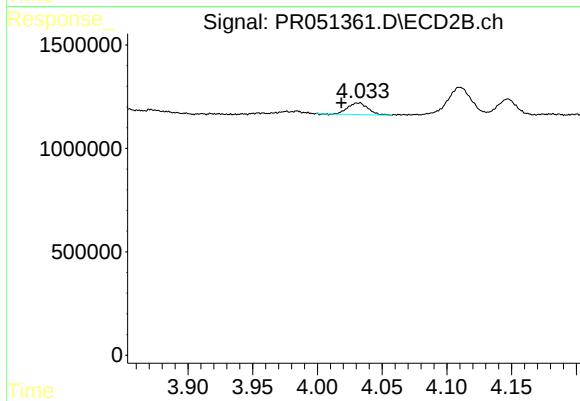
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.343 min
Response: 0
Conc: N.D.



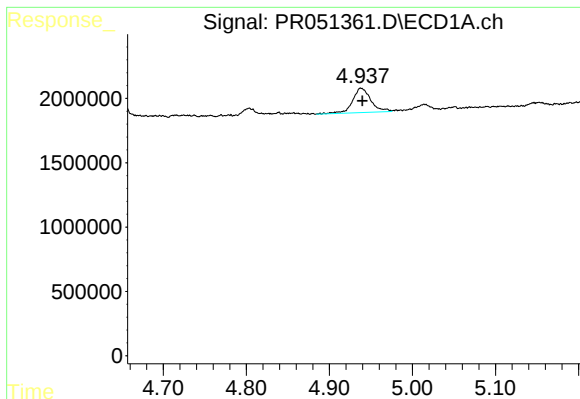
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



#8 AR-1221-1

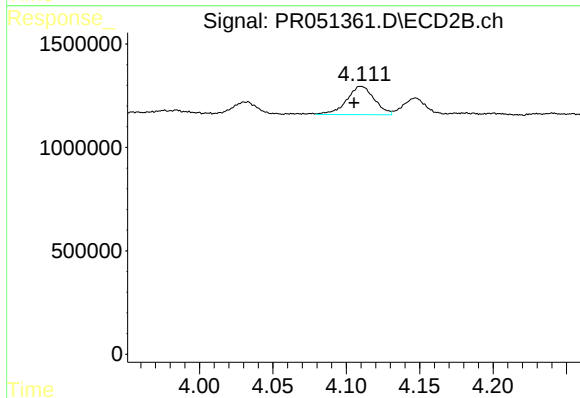
R.T.: 4.033 min
Delta R.T.: 0.014 min
Response: 620303
Conc: 8.45 ng/ml



#9 AR-1221-2

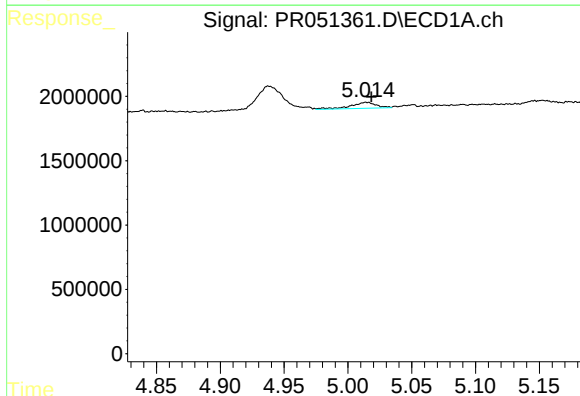
R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 2904148
Conc: 43.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



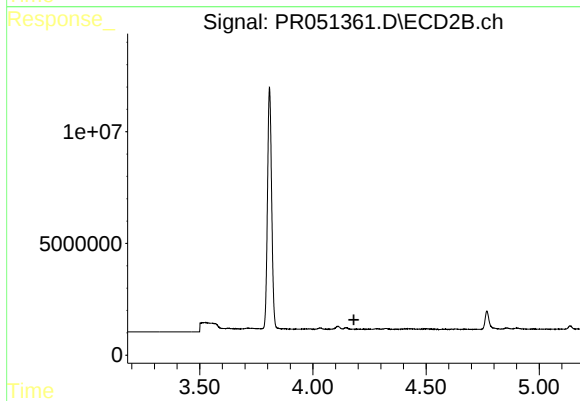
#9 AR-1221-2

R.T.: 4.110 min
Delta R.T.: 0.005 min
Response: 1789411
Conc: 30.34 ng/ml



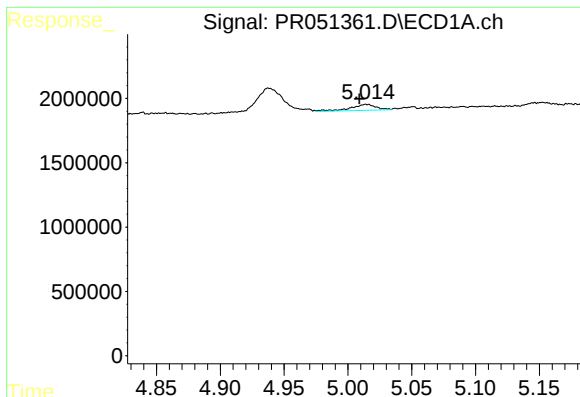
#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: -0.004 min
Response: 661827
Conc: 3.08 ng/ml



#10 AR-1221-3

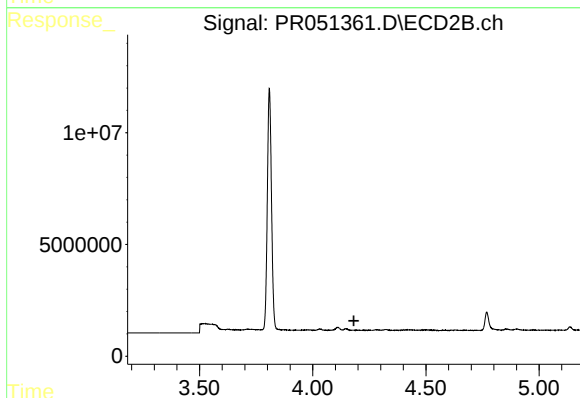
R.T.: 0.000 min
Exp R.T. : 4.181 min
Response: 0
Conc: N.D.



#11 AR-1232-1

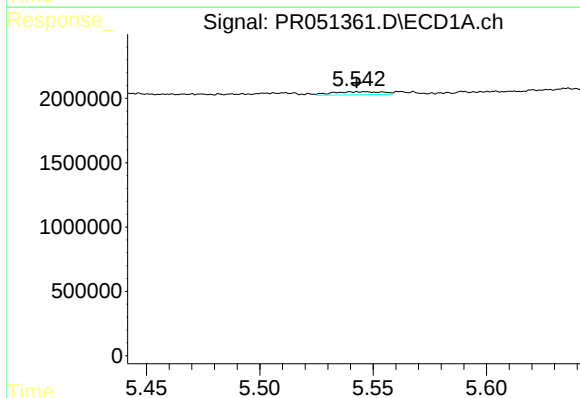
R.T.: 5.015 min
Delta R.T.: 0.006 min
Response: 661827
Conc: 3.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



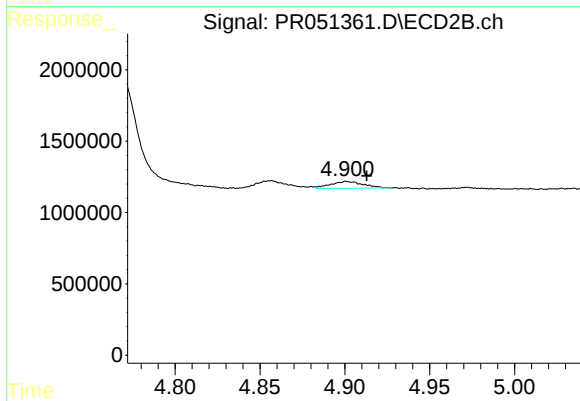
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.182 min
Response: 0
Conc: N.D.



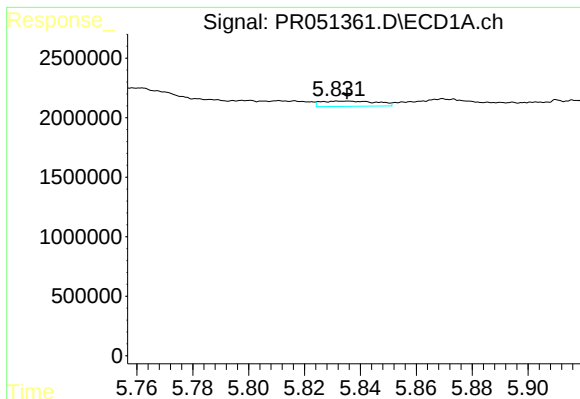
#12 AR-1232-2

R.T.: 5.546 min
Delta R.T.: 0.003 min
Response: 357607
Conc: 3.68 ng/ml



#12 AR-1232-2

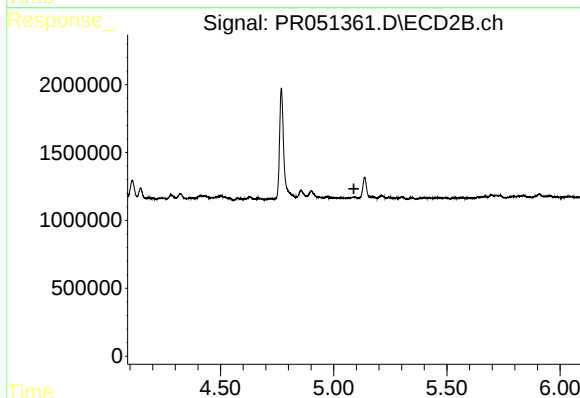
R.T.: 4.901 min
Delta R.T.: -0.012 min
Response: 633721
Conc: 3.78 ng/ml



#13 AR-1232-3

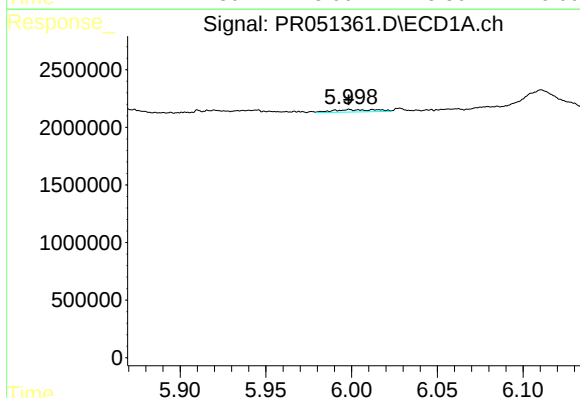
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 613219
Conc: 2.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



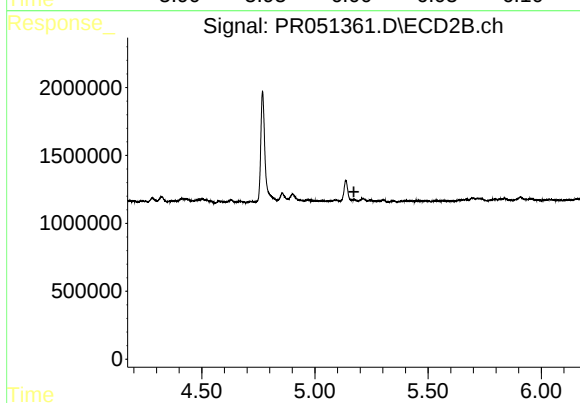
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.089 min
Response: 0
Conc: N.D.



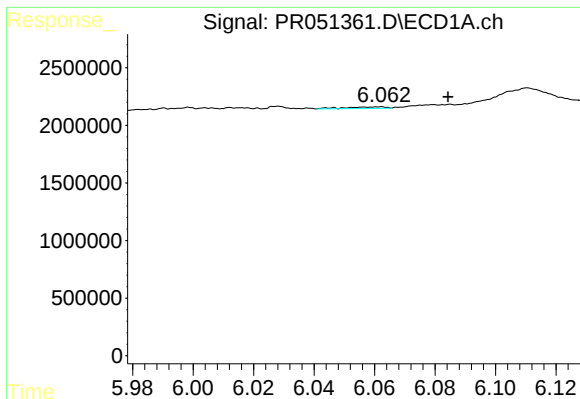
#14 AR-1232-4

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 363031
Conc: 3.52 ng/ml



#14 AR-1232-4

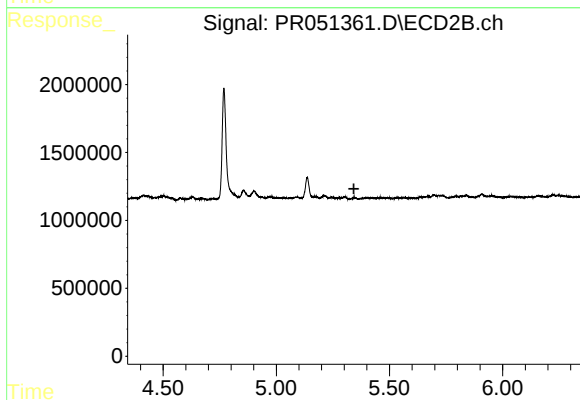
R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#15 AR-1232-5

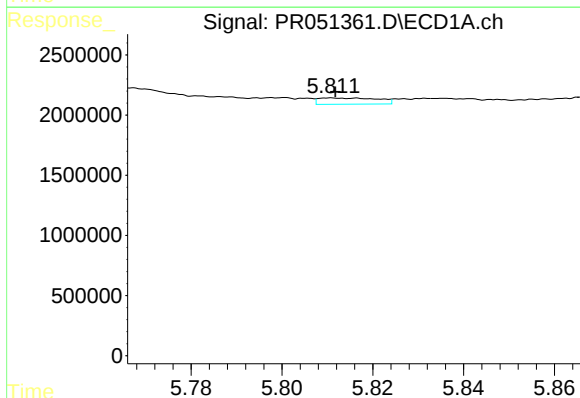
R.T.: 6.062 min
Delta R.T.: -0.023 min
Response: 135245
Conc: 1.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



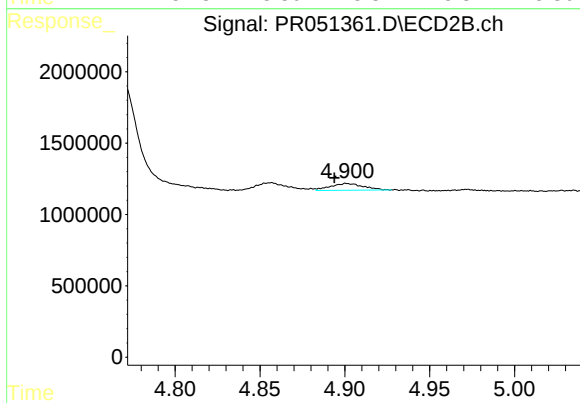
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.343 min
Response: 0
Conc: N.D.



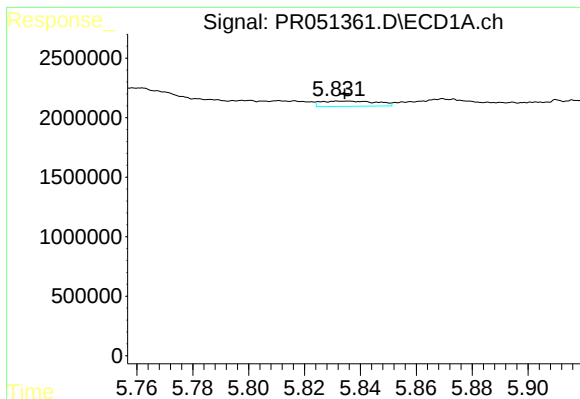
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 468871
Conc: 1.83 ng/ml



#16 AR-1242-1

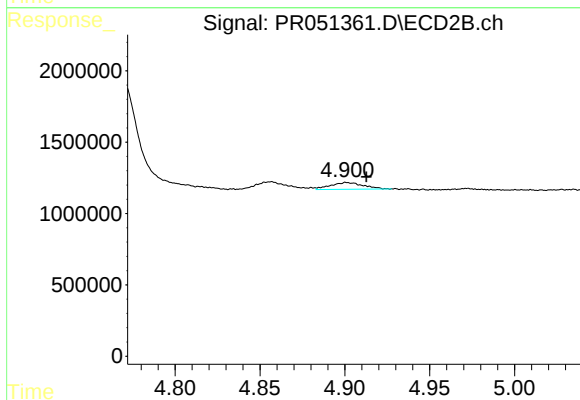
R.T.: 4.901 min
Delta R.T.: 0.007 min
Response: 633721
Conc: 3.06 ng/ml



#17 AR-1242-2

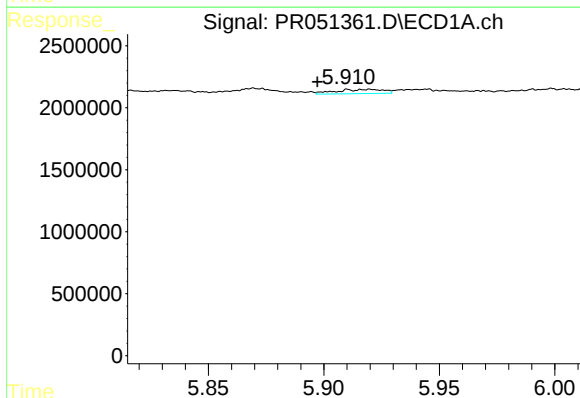
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 613219
Conc: 1.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



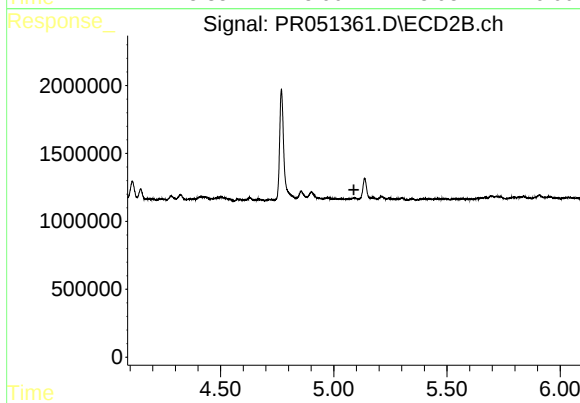
#17 AR-1242-2

R.T.: 4.901 min
Delta R.T.: -0.012 min
Response: 633721
Conc: 2.09 ng/ml



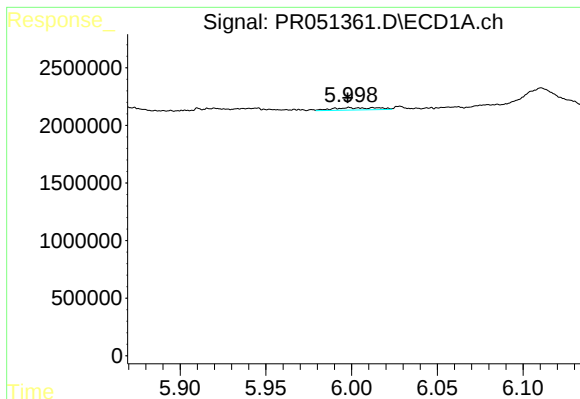
#18 AR-1242-3

R.T.: 5.920 min
Delta R.T.: 0.023 min
Response: 496551
Conc: 2.26 ng/ml



#18 AR-1242-3

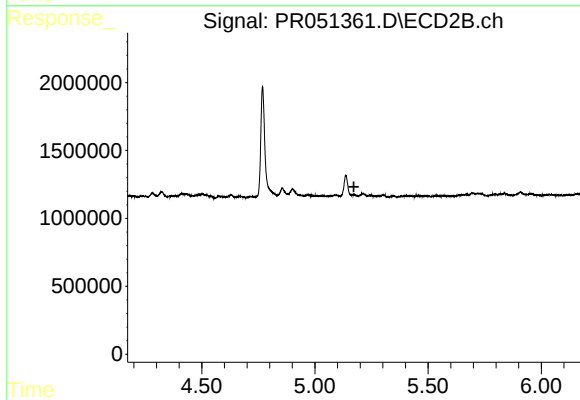
R.T.: 0.000 min
Exp R.T.: 5.089 min
Response: 0
Conc: N.D.



#19 AR-1242-4

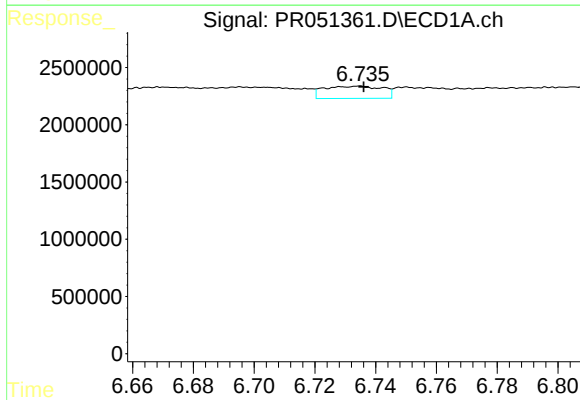
R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 363031
Conc: 1.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



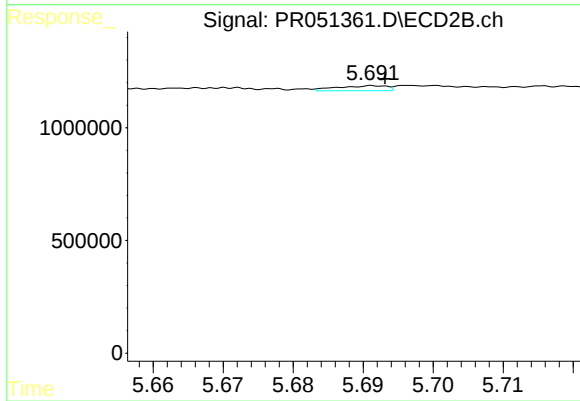
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



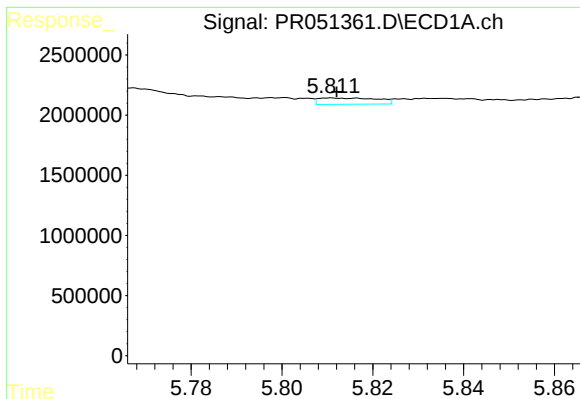
#20 AR-1242-5

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 1427708
Conc: 6.52 ng/ml



#20 AR-1242-5

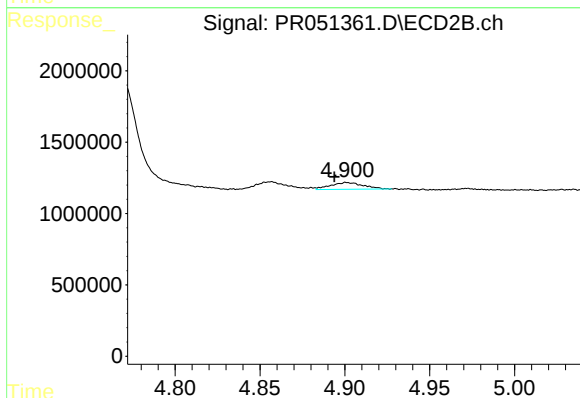
R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 108779
Conc: 0.54 ng/ml



#21 AR-1248-1

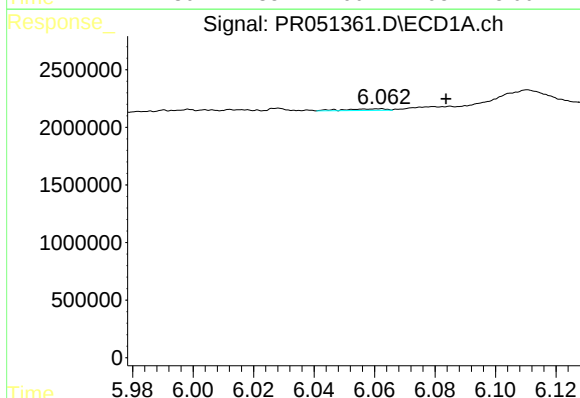
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 468871
Conc: 2.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



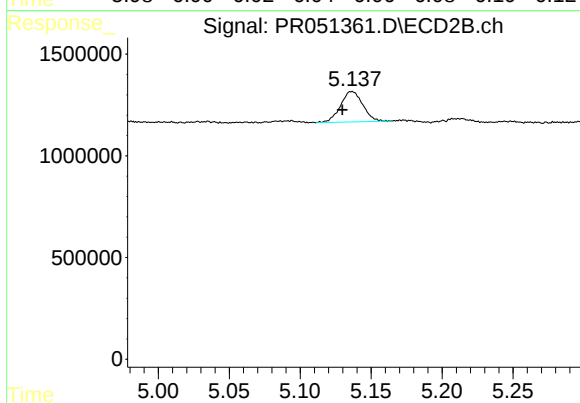
#21 AR-1248-1

R.T.: 4.901 min
Delta R.T.: 0.007 min
Response: 633721
Conc: 3.71 ng/ml



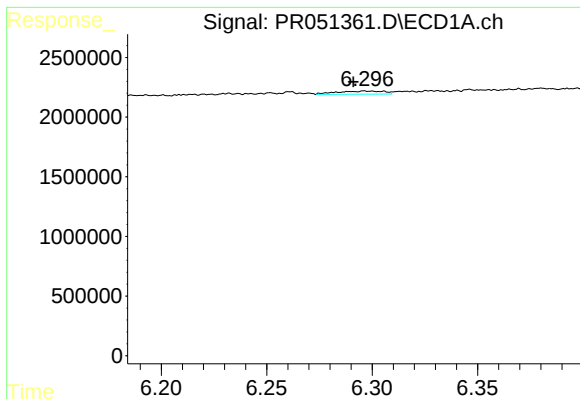
#22 AR-1248-2

R.T.: 6.062 min
Delta R.T.: -0.022 min
Response: 135245
Conc: 0.46 ng/ml



#22 AR-1248-2

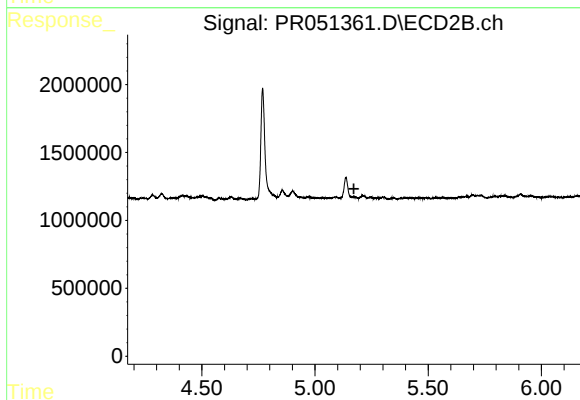
R.T.: 5.137 min
Delta R.T.: 0.007 min
Response: 1628189
Conc: 7.11 ng/ml



#23 AR-1248-3

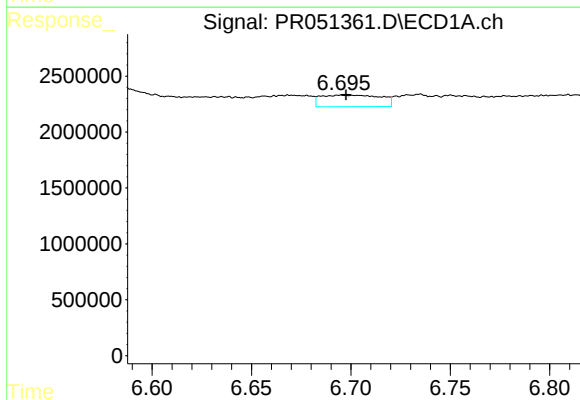
R.T.: 6.297 min
Delta R.T.: 0.006 min
Response: 393441
Conc: 1.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



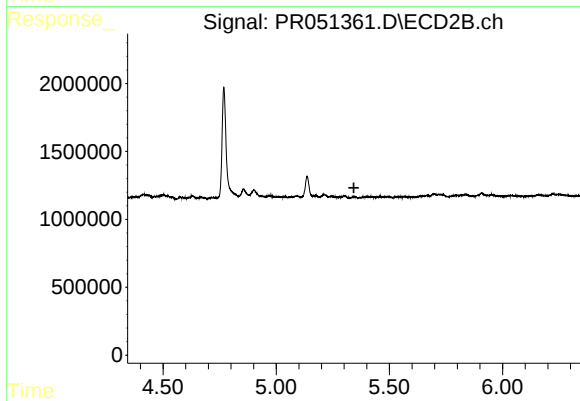
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



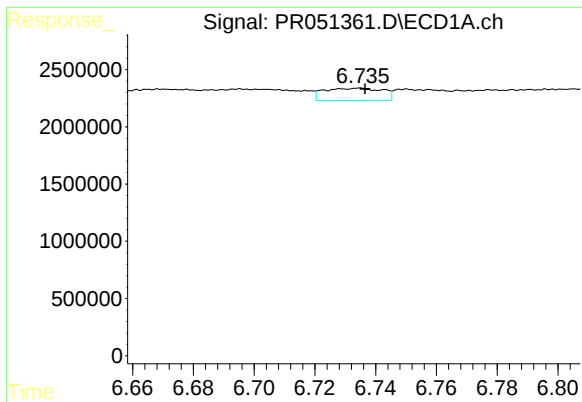
#24 AR-1248-4

R.T.: 6.695 min
Delta R.T.: -0.002 min
Response: 2166382
Conc: 5.21 ng/ml



#24 AR-1248-4

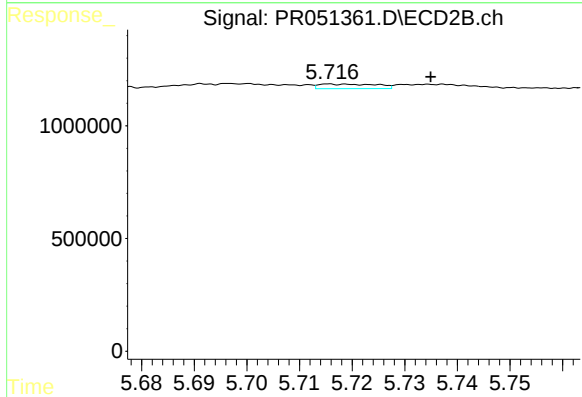
R.T.: 0.000 min
Exp R.T. : 5.343 min
Response: 0
Conc: N.D.



#25 AR-1248-5

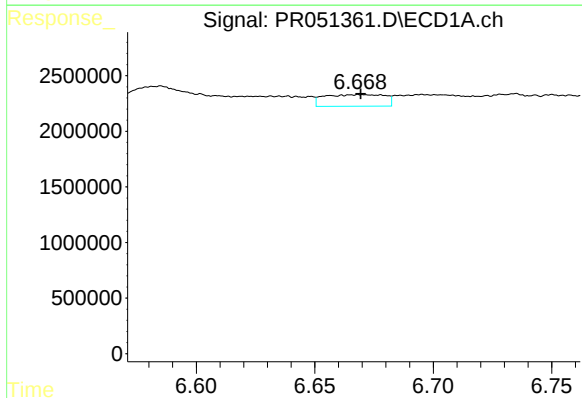
R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 1427708
Conc: 3.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



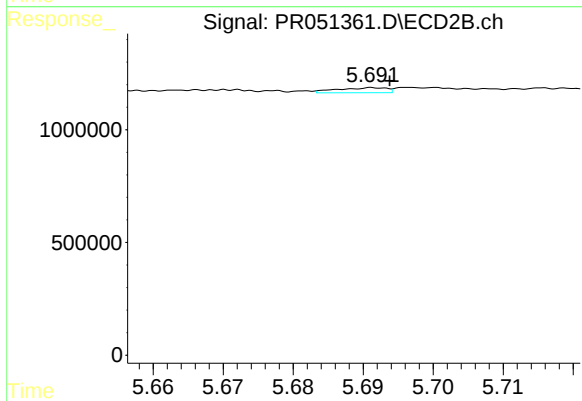
#25 AR-1248-5

R.T.: 5.716 min
Delta R.T.: -0.019 min
Response: 155292
Conc: 0.51 ng/ml



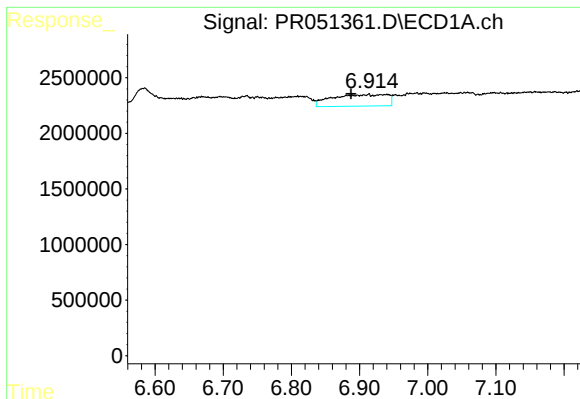
#26 AR-1254-1

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 1872145
Conc: 5.28 ng/ml



#26 AR-1254-1

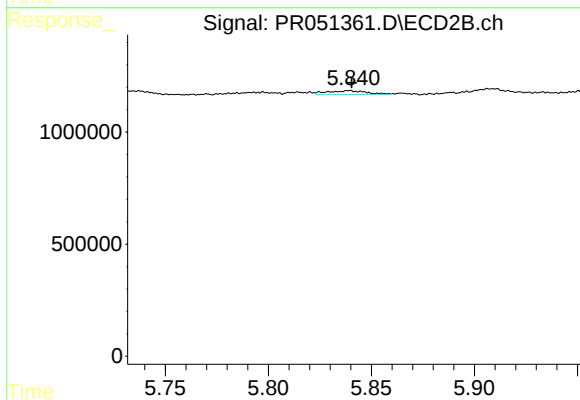
R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 108779
Conc: 0.26 ng/ml



#27 AR-1254-2

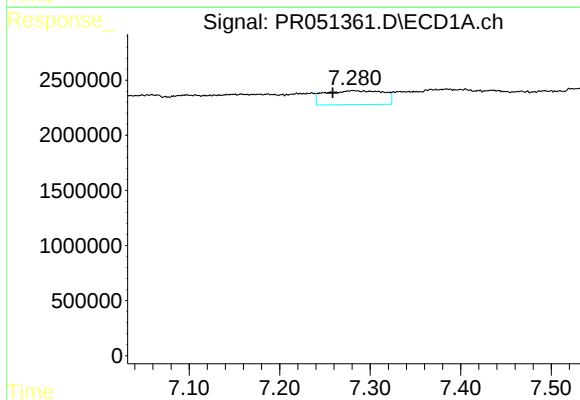
R.T.: 6.913 min
Delta R.T.: 0.026 min
Response: 5860856
Conc: 10.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



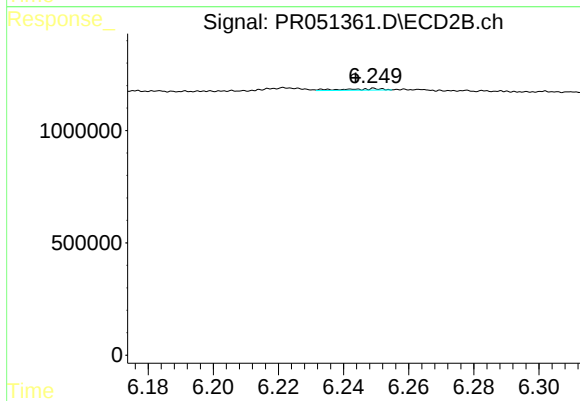
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 229445
Conc: 0.66 ng/ml



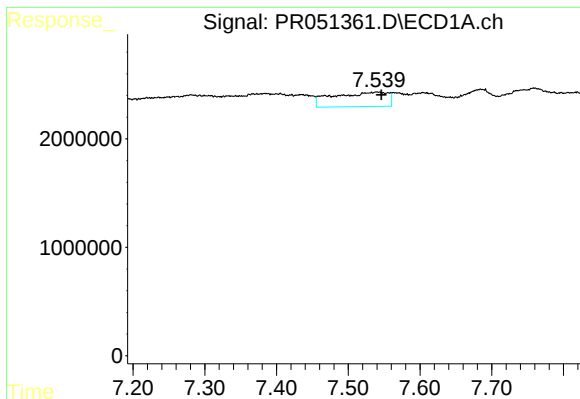
#28 AR-1254-3

R.T.: 7.281 min
Delta R.T.: 0.022 min
Response: 5818883
Conc: 9.72 ng/ml



#28 AR-1254-3

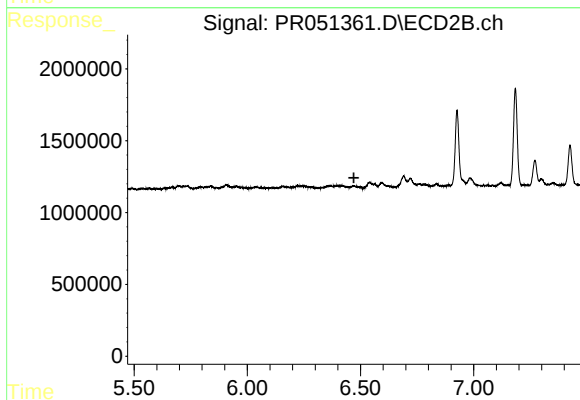
R.T.: 6.250 min
Delta R.T.: 0.006 min
Response: 56851
Conc: 0.09 ng/ml



#29 AR-1254-4

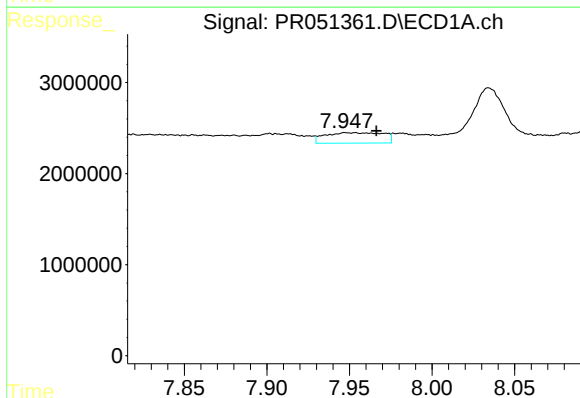
R.T.: 7.540 min
Delta R.T.: -0.007 min
Response: 7070289
Conc: 14.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



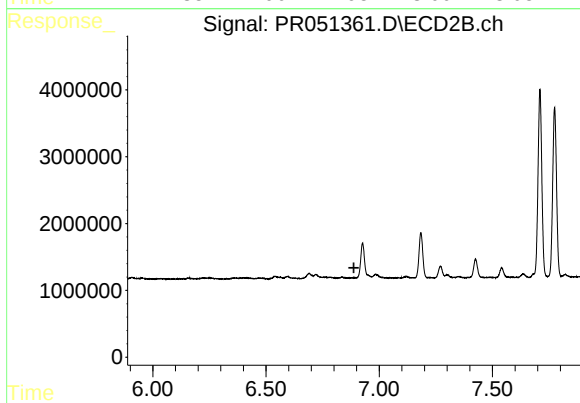
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.471 min
Response: 0
Conc: N.D.



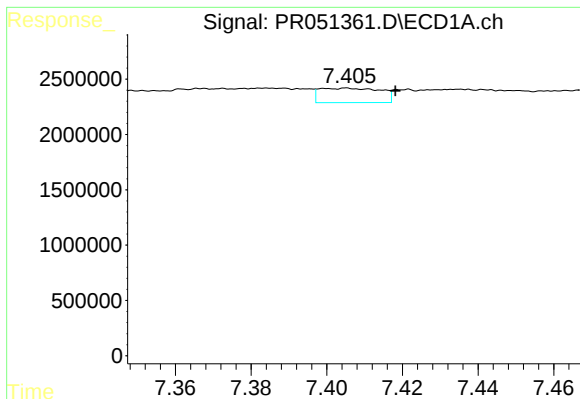
#30 AR-1254-5

R.T.: 7.953 min
Delta R.T.: -0.013 min
Response: 2819606
Conc: 5.95 ng/ml



#30 AR-1254-5

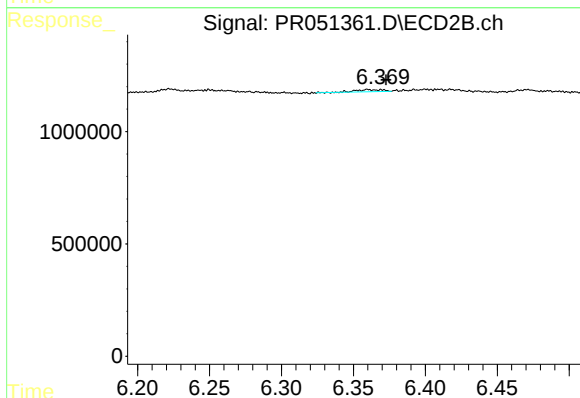
R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.



#31 AR-1260-1

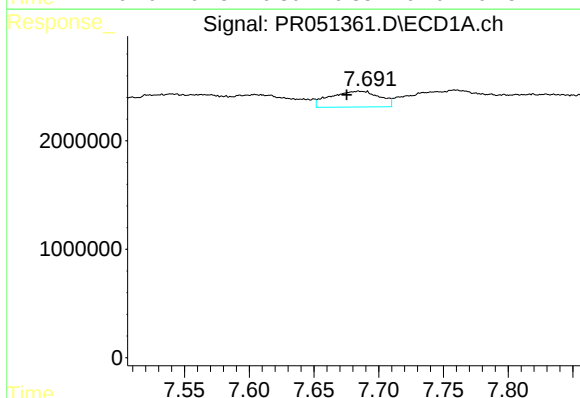
R.T.: 7.405 min
Delta R.T.: -0.013 min
Response: 1467416
Conc: 3.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



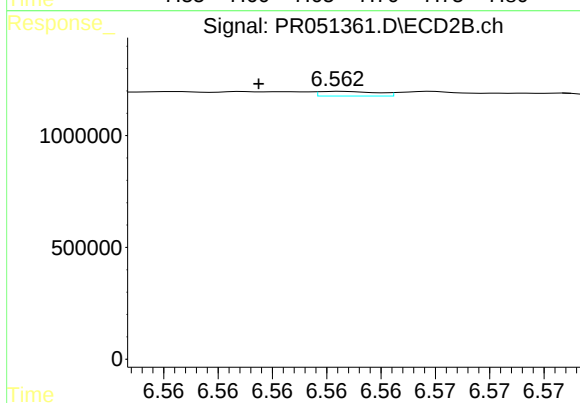
#31 AR-1260-1

R.T.: 6.360 min
Delta R.T.: -0.013 min
Response: 120285
Conc: 0.29 ng/ml



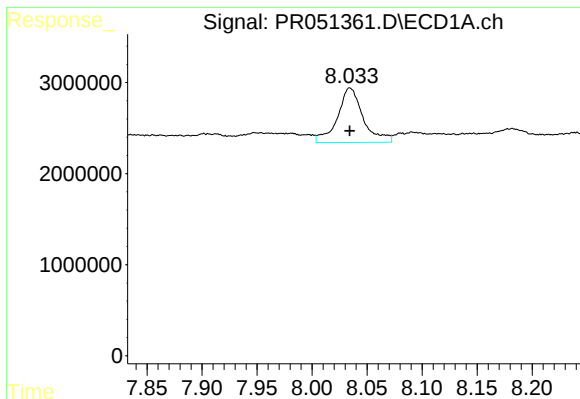
#32 AR-1260-2

R.T.: 7.685 min
Delta R.T.: 0.009 min
Response: 3884076
Conc: 6.15 ng/ml



#32 AR-1260-2

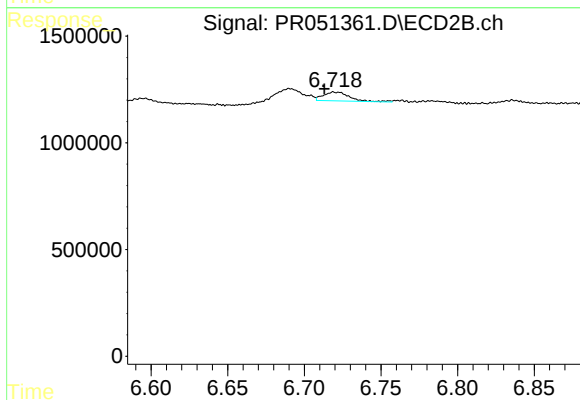
R.T.: 6.562 min
Delta R.T.: 0.003 min
Response: 31565
Conc: 0.06 ng/ml



#33 AR-1260-3

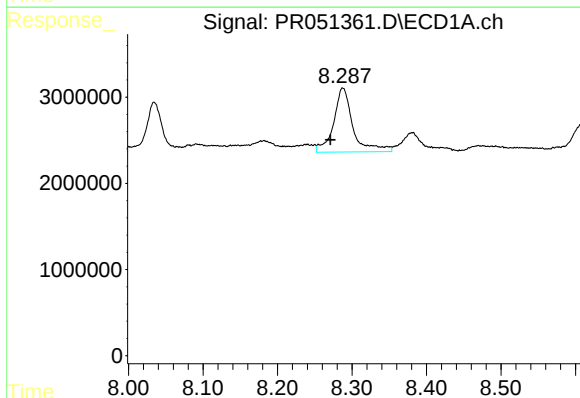
R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 9748568
Conc: 19.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



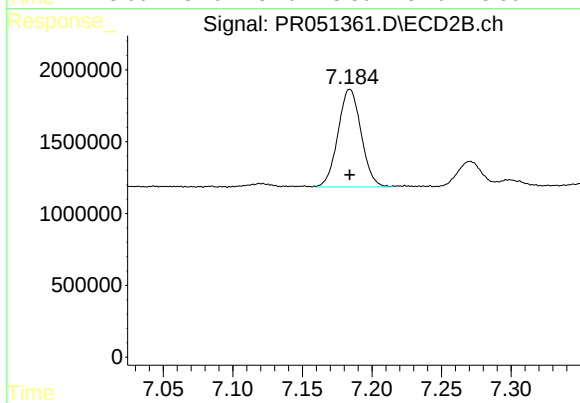
#33 AR-1260-3

R.T.: 6.719 min
Delta R.T.: 0.006 min
Response: 495792
Conc: 1.01 ng/ml



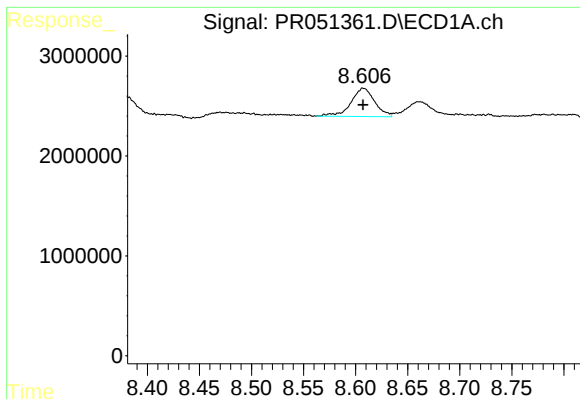
#34 AR-1260-4

R.T.: 8.288 min
Delta R.T.: 0.017 min
Response: 13459153
Conc: 26.28 ng/ml



#34 AR-1260-4

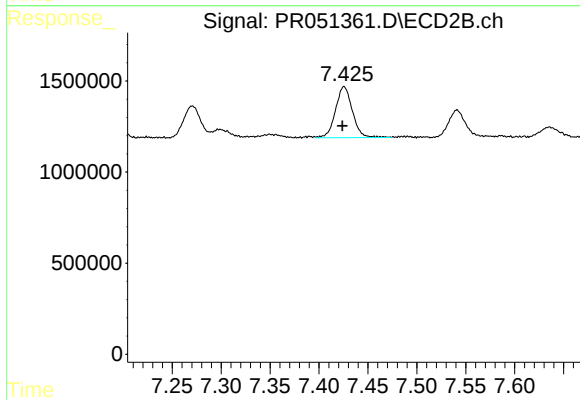
R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 7881639
Conc: 19.28 ng/ml



#35 AR-1260-5

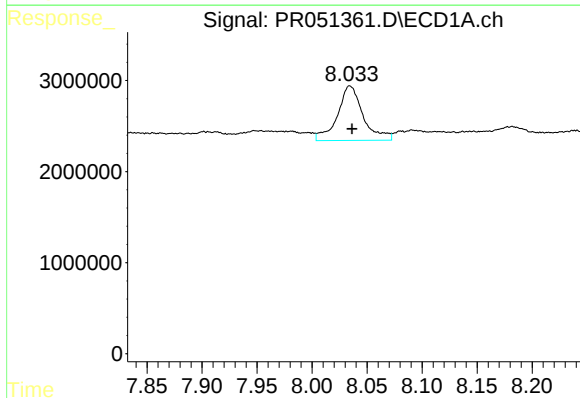
R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 4499278
Conc: 3.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



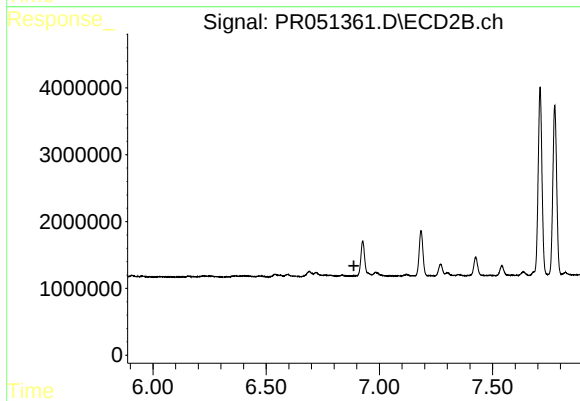
#35 AR-1260-5

R.T.: 7.426 min
Delta R.T.: 0.002 min
Response: 3362553
Conc: 3.21 ng/ml



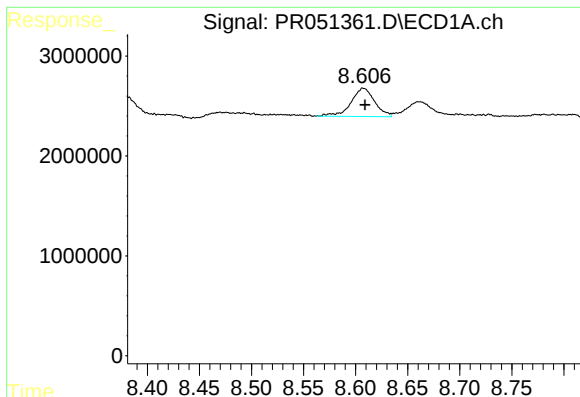
#36 AR-1262-1

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 9748568
Conc: 14.85 ng/ml



#36 AR-1262-1

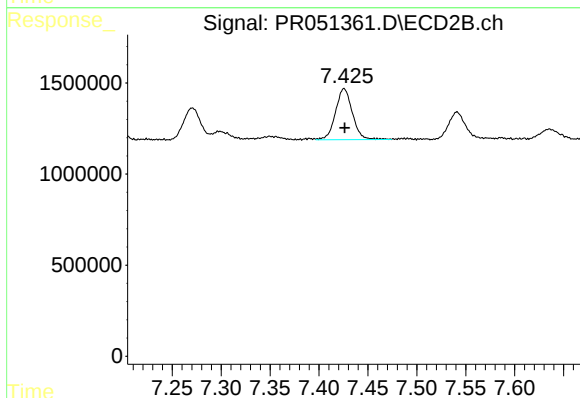
R.T.: 0.000 min
Exp R.T.: 6.888 min
Response: 0
Conc: N.D.



#37 AR-1262-2

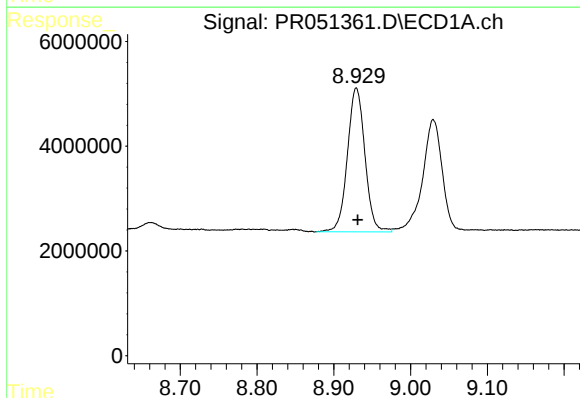
R.T.: 8.608 min
Delta R.T.: -0.001 min
Response: 4499278
Conc: 3.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



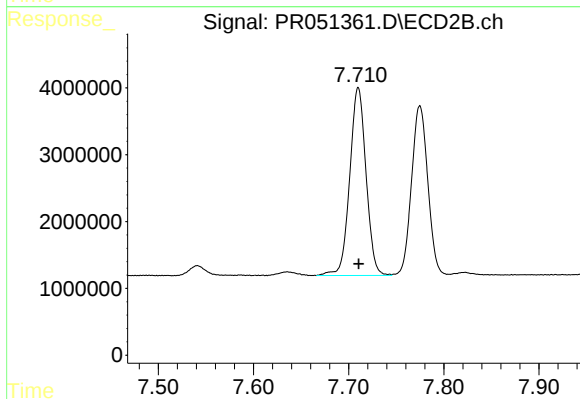
#37 AR-1262-2

R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 3362553
Conc: 3.31 ng/ml



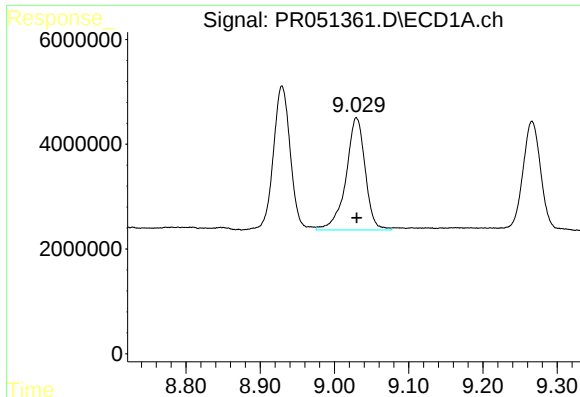
#38 AR-1262-3

R.T.: 8.929 min
Delta R.T.: -0.002 min
Response: 43522922
Conc: 57.08 ng/ml



#38 AR-1262-3

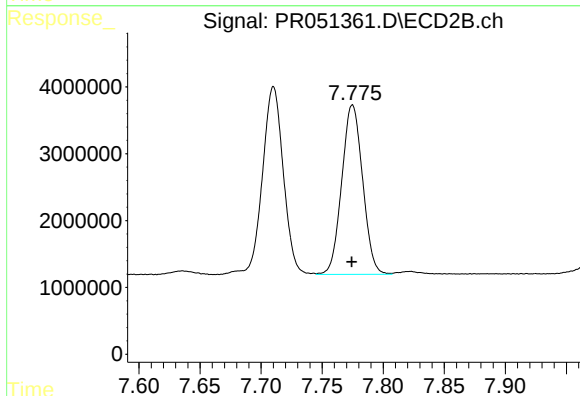
R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 33490893
Conc: 91.03 ng/ml



#39 AR-1262-4

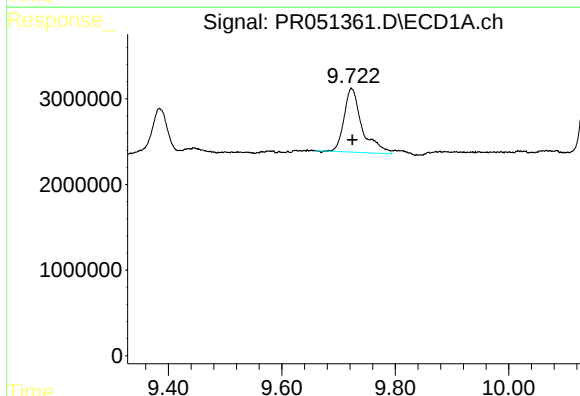
R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 38606675
Conc: 66.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



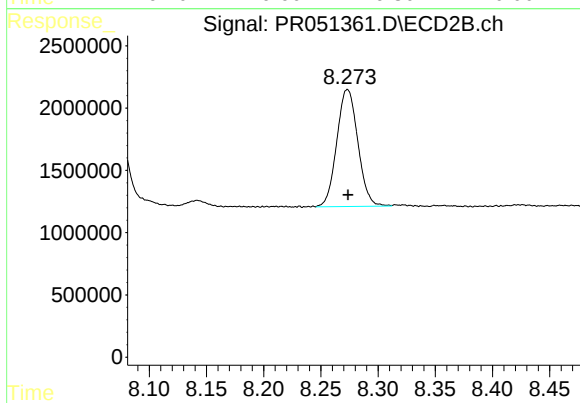
#39 AR-1262-4

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 30207718
Conc: 41.45 ng/ml



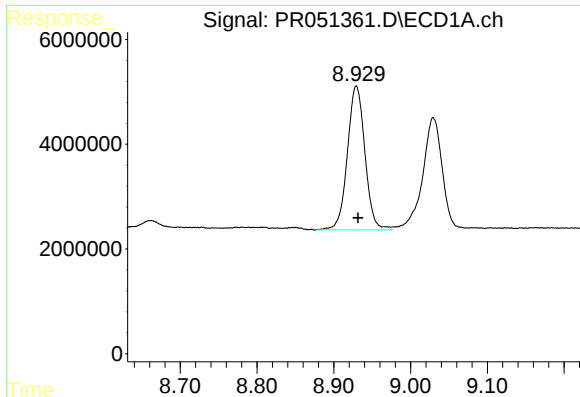
#40 AR-1262-5

R.T.: 9.723 min
Delta R.T.: -0.002 min
Response: 16341543
Conc: 38.88 ng/ml



#40 AR-1262-5

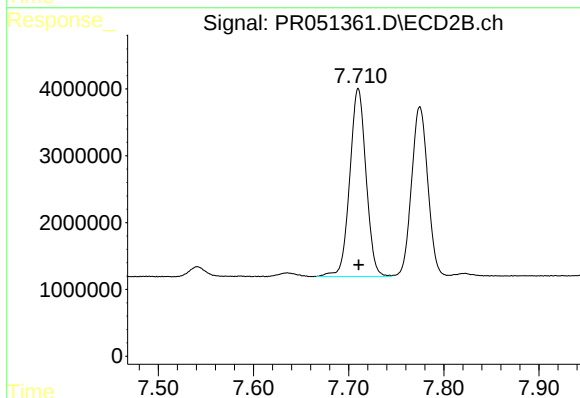
R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 12037636
Conc: 36.91 ng/ml



#41 AR-1268-1

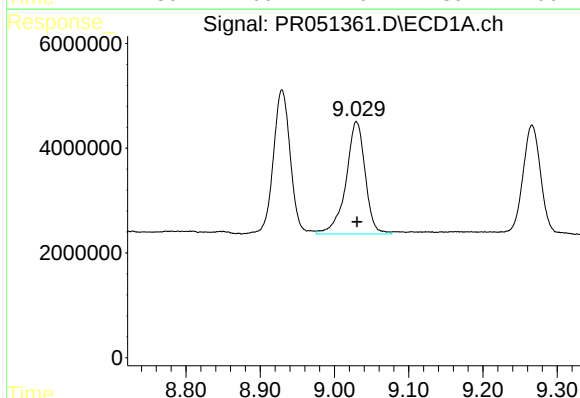
R.T.: 8.929 min
Delta R.T.: -0.002 min
Response: 43522922
Conc: 30.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



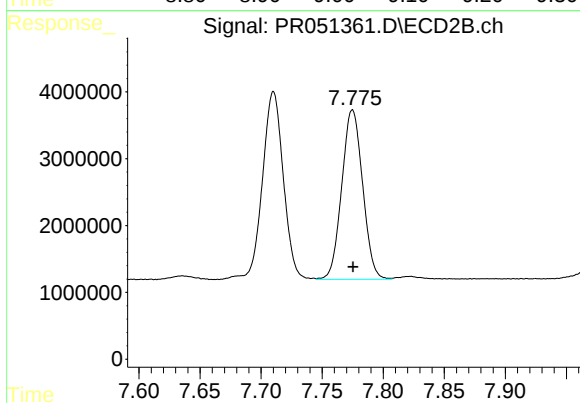
#41 AR-1268-1

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 33490893
Conc: 31.09 ng/ml



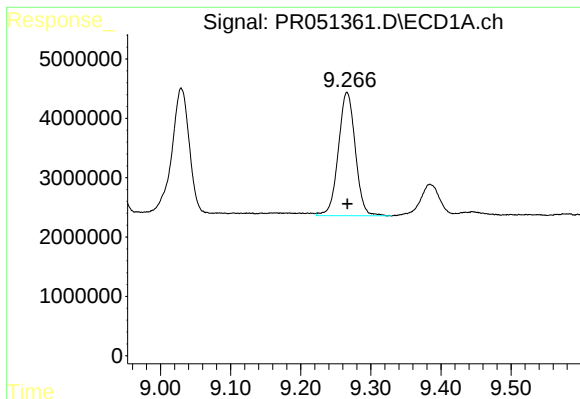
#42 AR-1268-2

R.T.: 9.030 min
Delta R.T.: -0.001 min
Response: 38606675
Conc: 30.24 ng/ml



#42 AR-1268-2

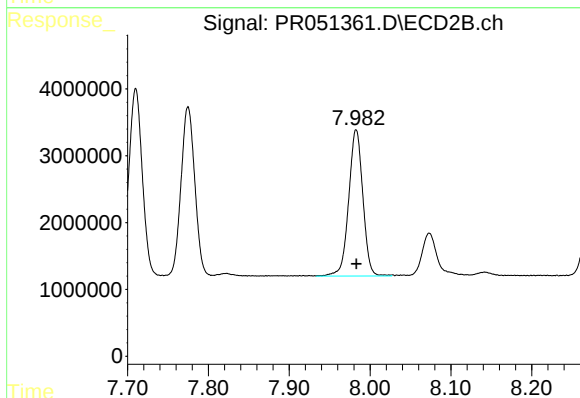
R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 30207718
Conc: 30.34 ng/ml



#43 AR-1268-3

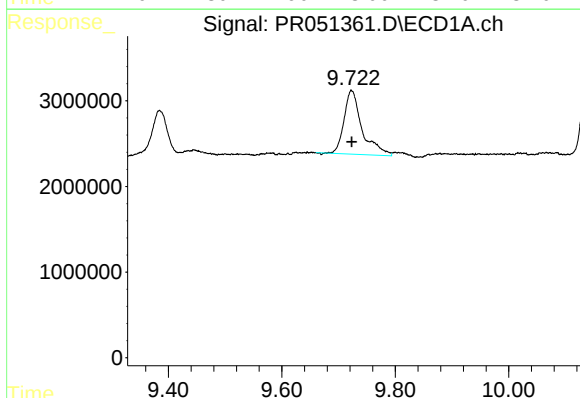
R.T.: 9.266 min
Delta R.T.: 0.000 min
Response: 34989784
Conc: 31.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



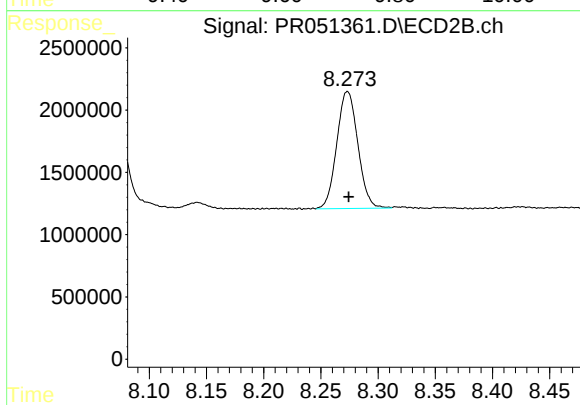
#43 AR-1268-3

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 26623270
Conc: 32.36 ng/ml



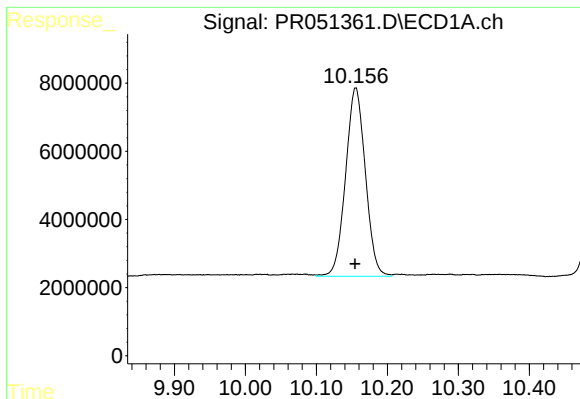
#44 AR-1268-4

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 16341543
Conc: 36.03 ng/ml



#44 AR-1268-4

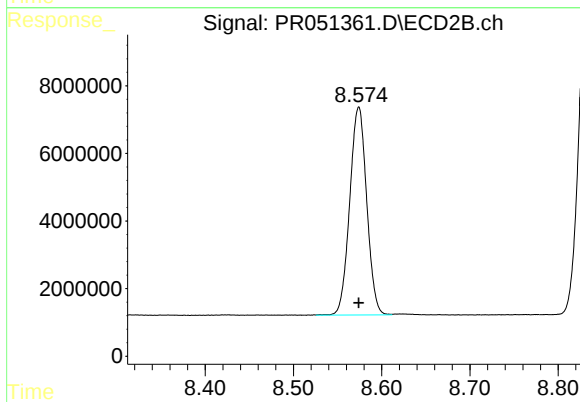
R.T.: 8.273 min
Delta R.T.: -0.001 min
Response: 12037636
Conc: 33.91 ng/ml



#45 AR-1268-5

R.T.: 10.155 min
Delta R.T.: 0.000 min
Response: 106996661
Conc: 29.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.574 min
Delta R.T.: 0.000 min
Response: 82242766
Conc: 29.59 ng/ml