

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 14:41
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:26:42 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	2.907	55682741	77844605	18.637	17.984
2)	SA Decachlor...	9.659	8.139	48083740	69361553	20.963	19.661
Target Compounds							
3)	L1 AR-1016-1	4.924	4.017	1499978	2039440	16.340	14.435
4)	L1 AR-1016-2	4.947	4.035	1823310	2442836	14.003	11.936
5)	L1 AR-1016-3	5.013	4.213	1342715	1256250	16.119	11.770 #
6)	L1 AR-1016-4	5.114	4.263	967509	3049948	14.734	35.376 #
7)	L1 AR-1016-5	5.432	4.479	2356542	3364512	35.790	30.051
8)	L2 AR-1221-1	0.000	3.120	0	149254	N.D.	3.935 #
9)	L2 AR-1221-2	4.005	3.208	810159	1086294	35.993	38.503
10)	L2 AR-1221-3	4.084	3.290	219535	401949	3.272	4.547 #
11)	L3 AR-1232-1	4.084	3.290	219535	401949	3.156	4.345 #
12)	L3 AR-1232-2	4.636	4.035	757998	2442836	23.300	27.715
13)	L3 AR-1232-3	4.947	4.213	1823310	1256250	31.152	28.119
14)	L3 AR-1232-4	5.114	4.304	967509	3216113	32.657	80.076 #
15)	L3 AR-1232-5	5.219	4.479	2139765	3364512	95.221	73.615
16)	L4 AR-1242-1	4.924	4.017	1499978	2039440	20.533	18.447
17)	L4 AR-1242-2	4.947	4.035	1823310	2442836	17.822	15.122
18)	L4 AR-1242-3	5.013	4.213	1342715	1256250	20.443	15.070 #
19)	L4 AR-1242-4	5.114	4.304	967509	3216113	18.522	39.902 #
20)	L4 AR-1242-5	5.910	4.847	2398549	4858546	44.709	48.428
21)	L5 AR-1248-1	4.924	4.017	1499978	2039440	27.013	24.562
22)	L5 AR-1248-2	5.219	4.263	2139765	3049948	28.886	25.150
23)	L5 AR-1248-3	5.432	4.304	2356542	3216113	27.561	26.332
24)	L5 AR-1248-4	5.870	4.479	2326786	3364512	26.021	22.543
25)	L5 AR-1248-5	5.910	4.889	2398549	3233668	26.788	23.364
26)	L6 AR-1254-1	5.838	4.847	2091328	4858546	22.461	21.406
27)	L6 AR-1254-2	6.078	5.005	2525917	1485589	17.872	7.621 #
28)	L6 AR-1254-3	6.473	5.425	1492349	2352322	10.161	7.569 #
29)	L6 AR-1254-4	6.788	5.671	822376	1439088	7.756	7.976
30)	L6 AR-1254-5	7.247	6.113	208766	346070	1.755	1.258 #
31)	L7 AR-1260-1	0.000	5.572	0	1164198	N.D.	5.067 #
32)	L7 AR-1260-2	0.000	5.771	0	182961	N.D.	0.677 #
33)	L7 AR-1260-3	0.000	5.930	0	545046	N.D.	2.121 #
34)	L7 AR-1260-4	7.567	0.000	72737	0	0.593	N.D. #
35)	L7 AR-1260-5	7.920	6.693	241357	65225	1.059	0.135 #
37)	L8 AR-1262-2	7.920	0.000	241357	0	1.015	N.D. #
38)	L8 AR-1262-3	8.226	0.000	77235	0	0.452	N.D. #
39)	L8 AR-1262-4	8.333f	7.070	142295	202946	1.074	0.556 #
41)	L9 AR-1268-1	8.226	0.000	77235	0	0.252	N.D. #
42)	L9 AR-1268-2	8.333f	7.070	142295	202946	0.511	0.366 #
43)	L9 AR-1268-3	0.000	7.293	0	316418	N.D.	0.653 #

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 Misc : AR1248 LOD 25 PPB
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:26:42 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
45) L9	AR-1268-5	9.342	7.899	337432	463730	0.425	0.315 #

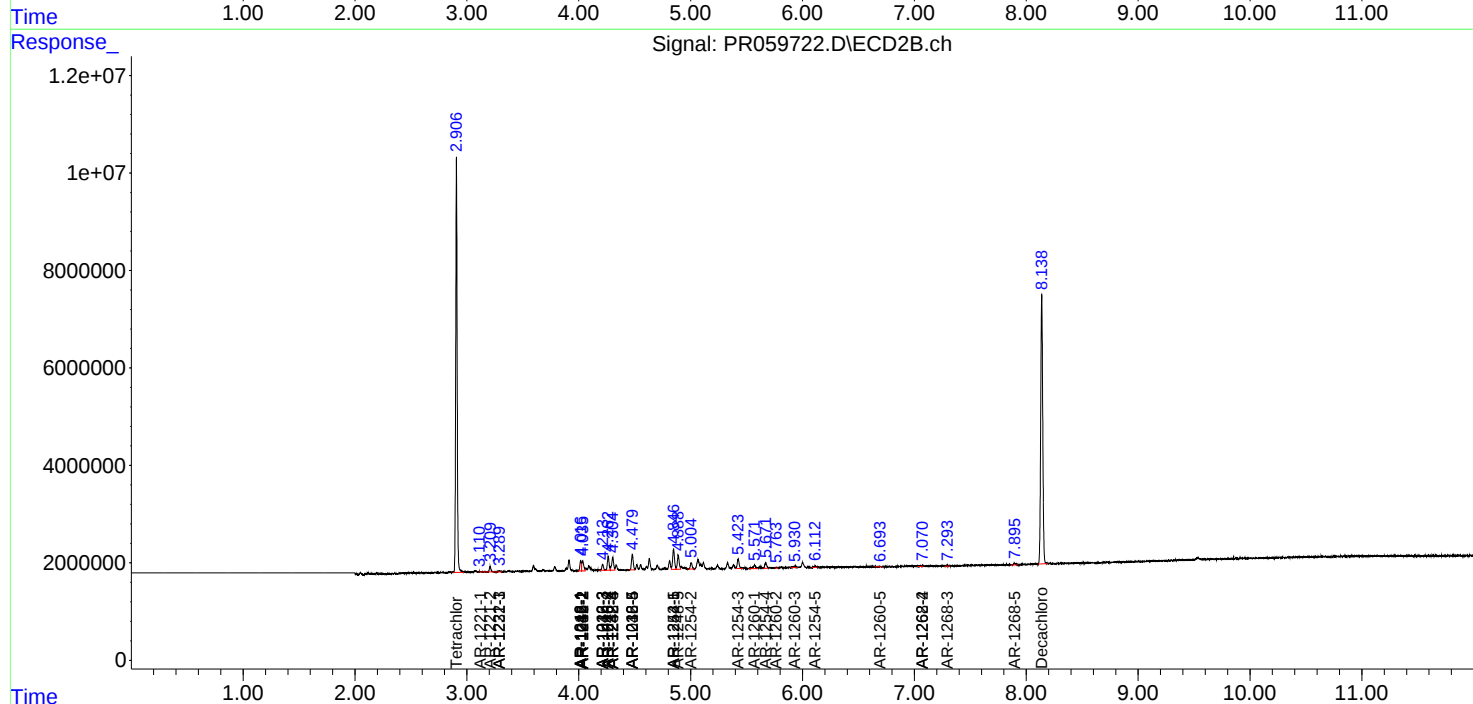
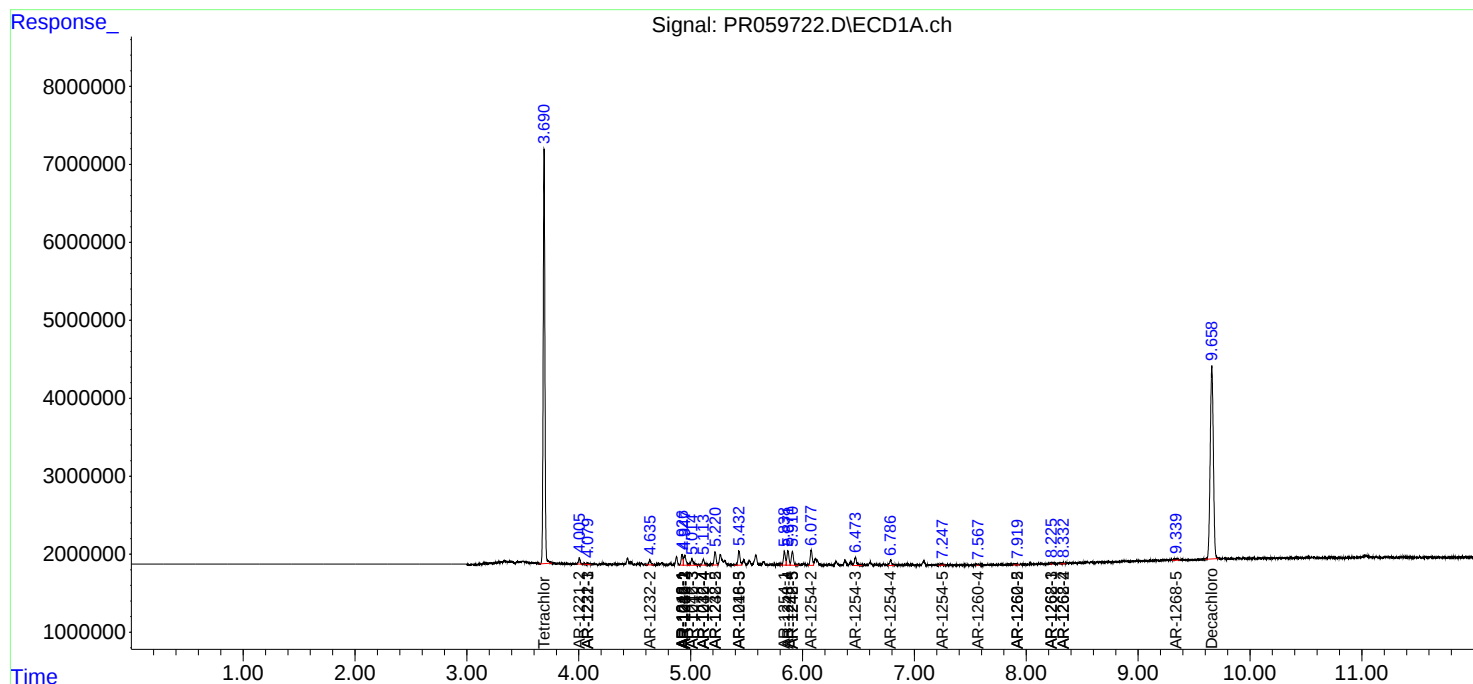
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

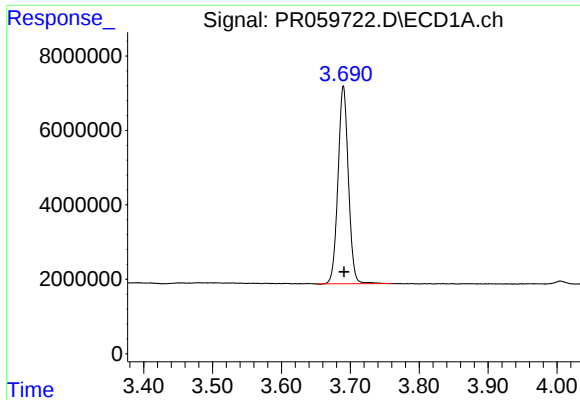
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

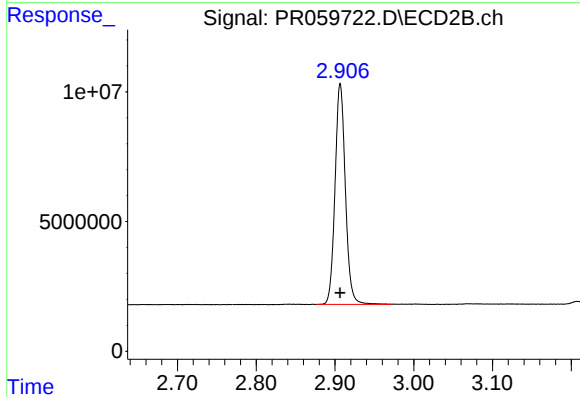




#1 Tetrachloro-m-xylene

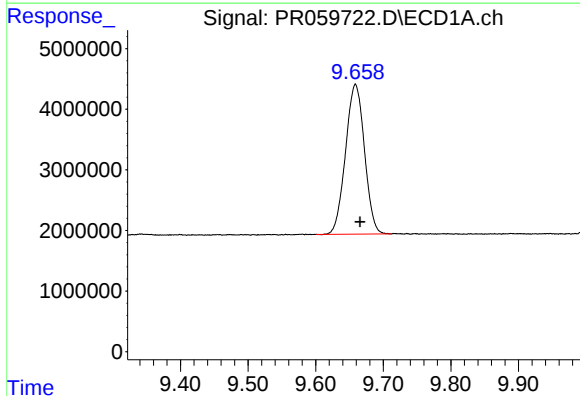
R.T.: 3.690 min
Delta R.T.: -0.001 min
Response: 55682741
Conc: 18.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



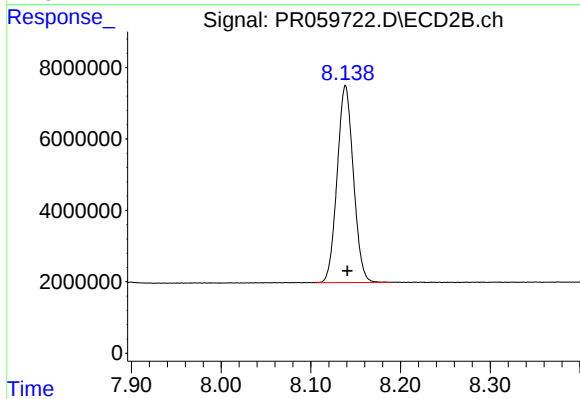
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: 0.000 min
Response: 77844605
Conc: 17.98 ng/ml



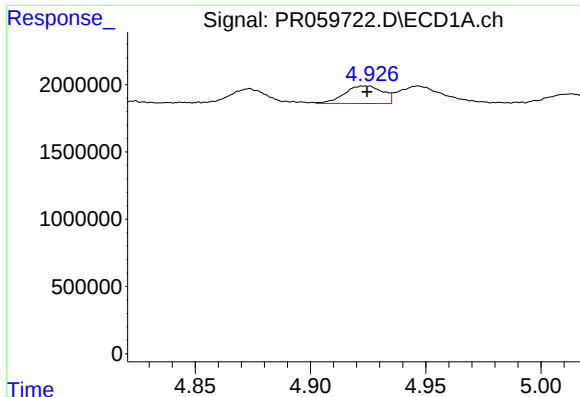
#2 Decachlorobiphenyl

R.T.: 9.659 min
Delta R.T.: -0.007 min
Response: 48083740
Conc: 20.96 ng/ml



#2 Decachlorobiphenyl

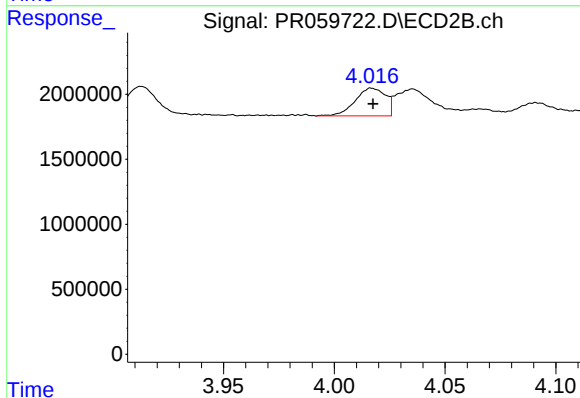
R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 69361553
Conc: 19.66 ng/ml



#3 AR-1016-1

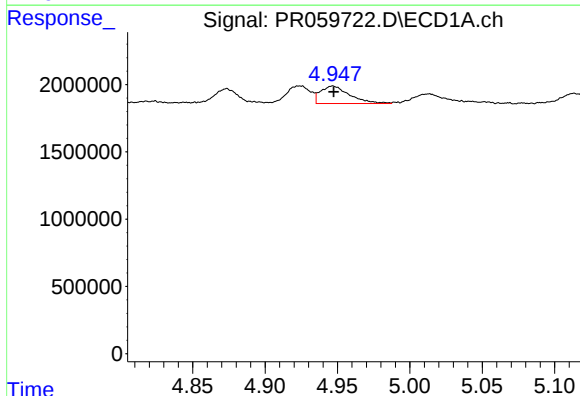
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 1499978
Conc: 16.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



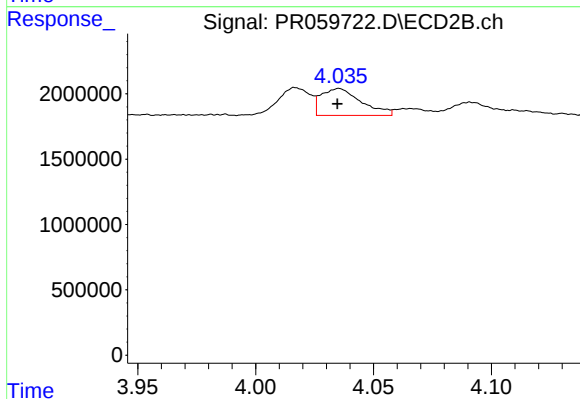
#3 AR-1016-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2039440
Conc: 14.43 ng/ml



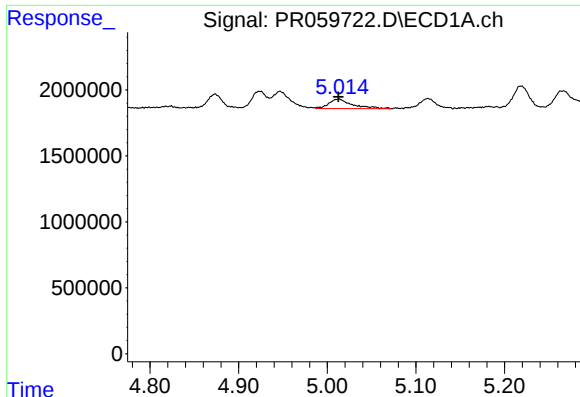
#4 AR-1016-2

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 1823310
Conc: 14.00 ng/ml



#4 AR-1016-2

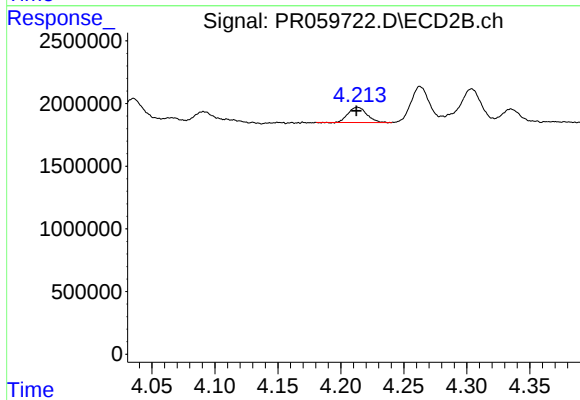
R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 2442836
Conc: 11.94 ng/ml



#5 AR-1016-3

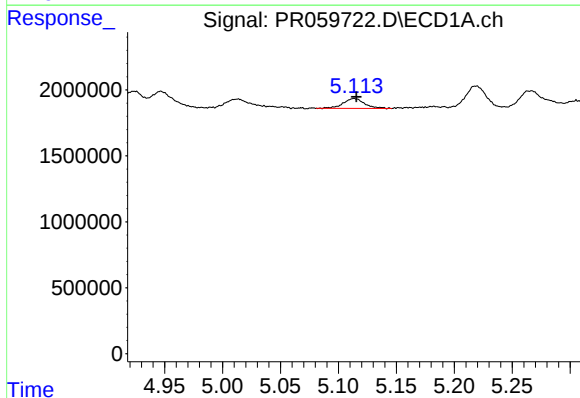
R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 1342715
Conc: 16.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



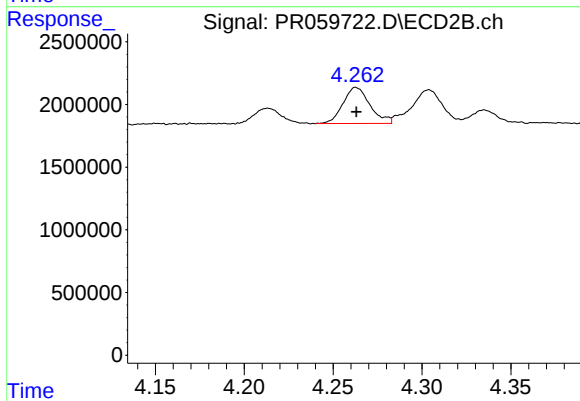
#5 AR-1016-3

R.T.: 4.213 min
Delta R.T.: 0.001 min
Response: 1256250
Conc: 11.77 ng/ml



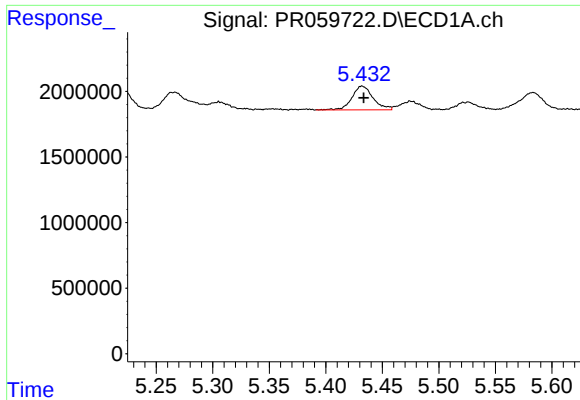
#6 AR-1016-4

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 967509
Conc: 14.73 ng/ml



#6 AR-1016-4

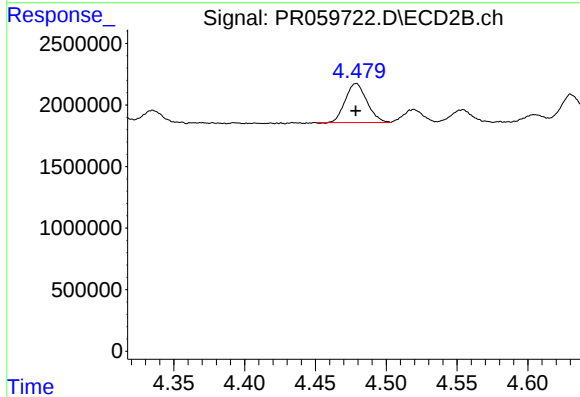
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 3049948
Conc: 35.38 ng/ml



#7 AR-1016-5

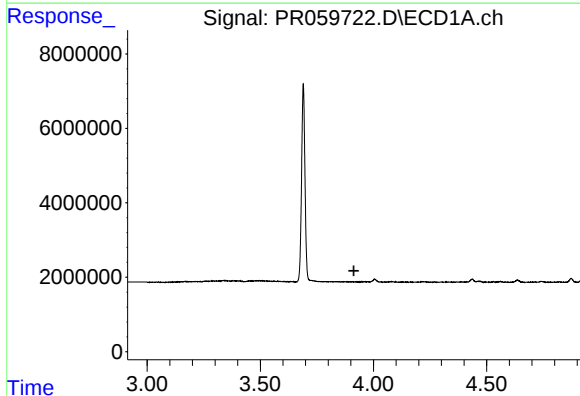
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 2356542
Conc: 35.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



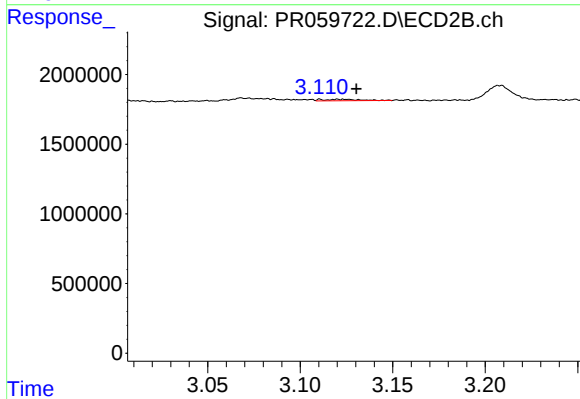
#7 AR-1016-5

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 3364512
Conc: 30.05 ng/ml



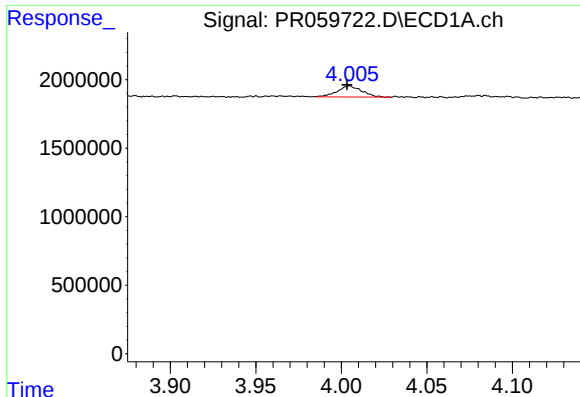
#8 AR-1221-1

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



#8 AR-1221-1

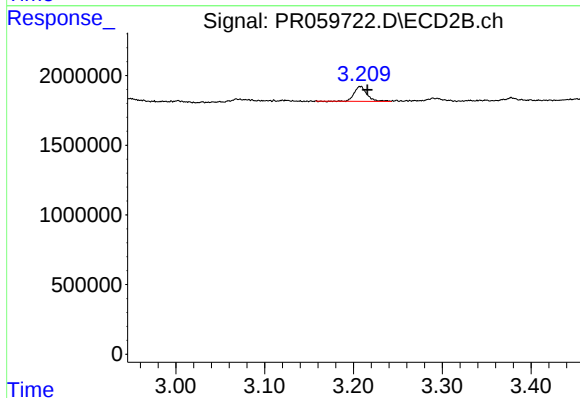
R.T.: 3.120 min
Delta R.T.: -0.010 min
Response: 149254
Conc: 3.94 ng/ml



#9 AR-1221-2

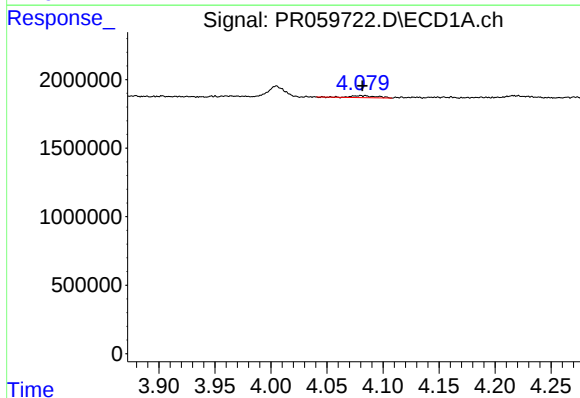
R.T.: 4.005 min
Delta R.T.: 0.001 min
Response: 810159
Conc: 35.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



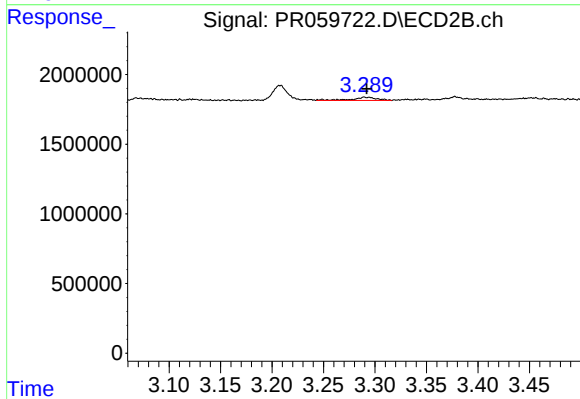
#9 AR-1221-2

R.T.: 3.208 min
Delta R.T.: -0.008 min
Response: 1086294
Conc: 38.50 ng/ml



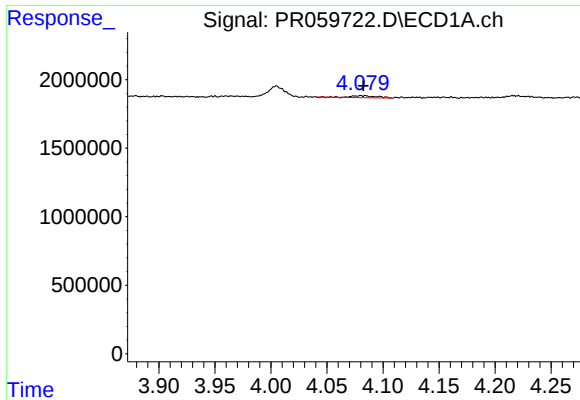
#10 AR-1221-3

R.T.: 4.084 min
Delta R.T.: 0.003 min
Response: 219535
Conc: 3.27 ng/ml



#10 AR-1221-3

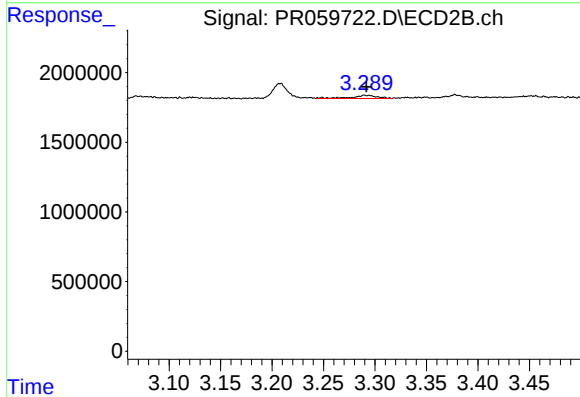
R.T.: 3.290 min
Delta R.T.: -0.002 min
Response: 401949
Conc: 4.55 ng/ml



#11 AR-1232-1

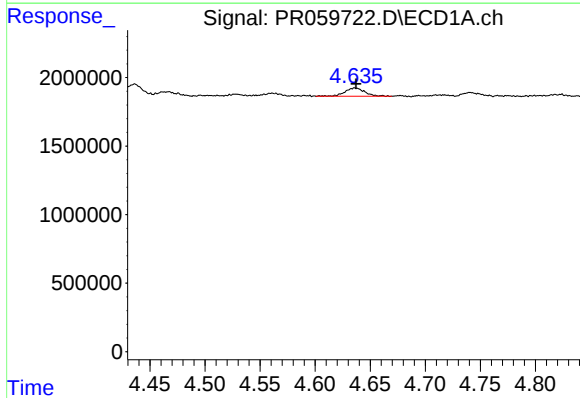
R.T.: 4.084 min
Delta R.T.: 0.002 min
Response: 219535
Conc: 3.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



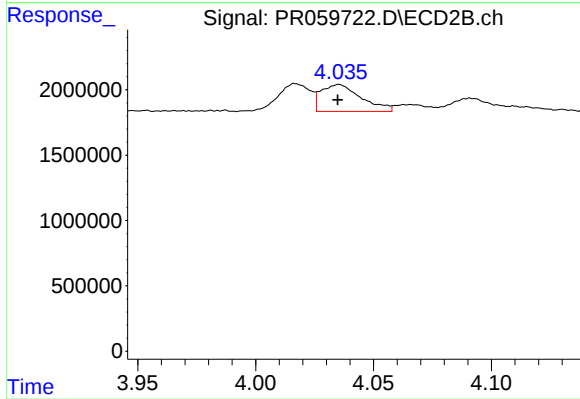
#11 AR-1232-1

R.T.: 3.290 min
Delta R.T.: -0.002 min
Response: 401949
Conc: 4.34 ng/ml



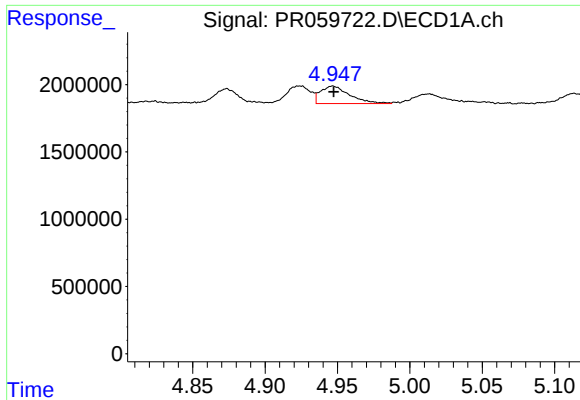
#12 AR-1232-2

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 757998
Conc: 23.30 ng/ml



#12 AR-1232-2

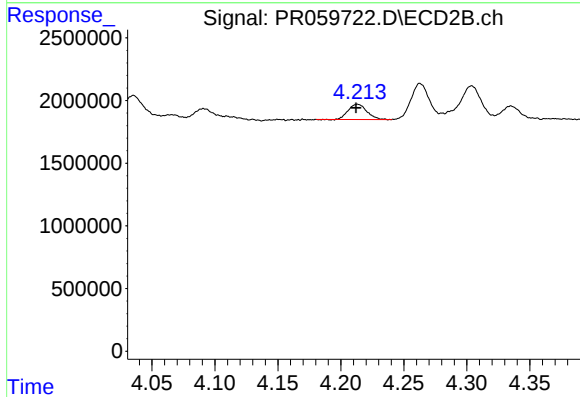
R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 2442836
Conc: 27.72 ng/ml



#13 AR-1232-3

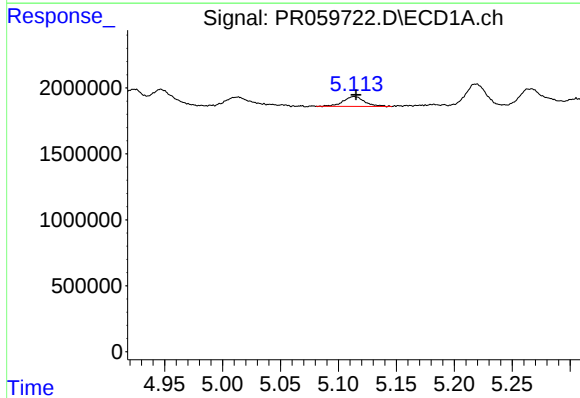
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 1823310
Conc: 31.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



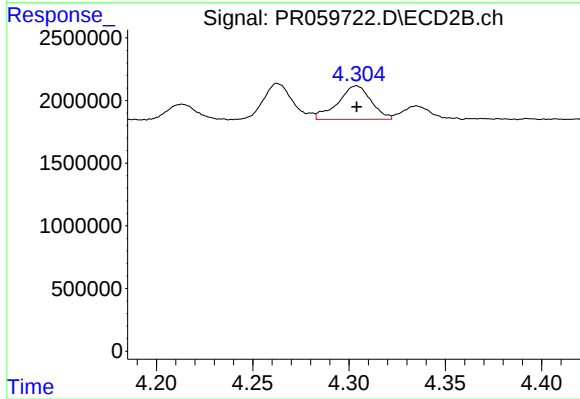
#13 AR-1232-3

R.T.: 4.213 min
Delta R.T.: 0.001 min
Response: 1256250
Conc: 28.12 ng/ml



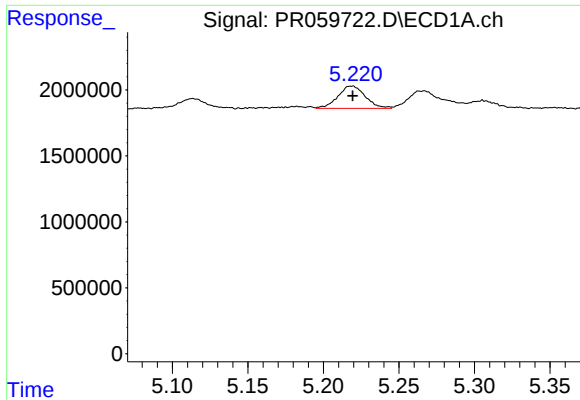
#14 AR-1232-4

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 967509
Conc: 32.66 ng/ml



#14 AR-1232-4

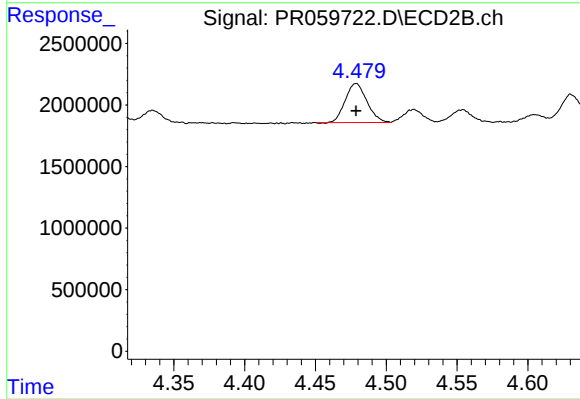
R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 3216113
Conc: 80.08 ng/ml



#15 AR-1232-5

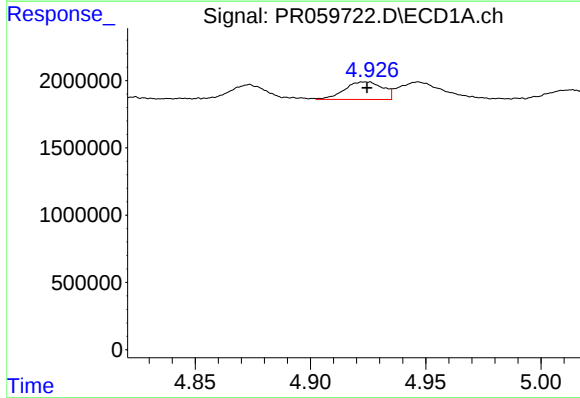
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 2139765
Conc: 95.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



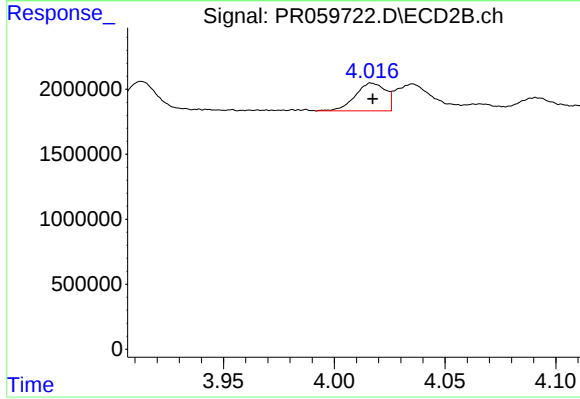
#15 AR-1232-5

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 3364512
Conc: 73.62 ng/ml



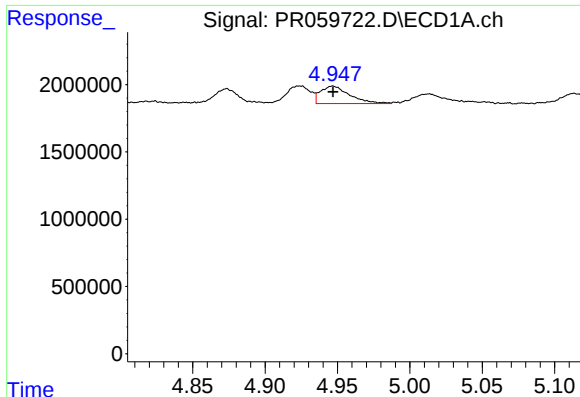
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 1499978
Conc: 20.53 ng/ml



#16 AR-1242-1

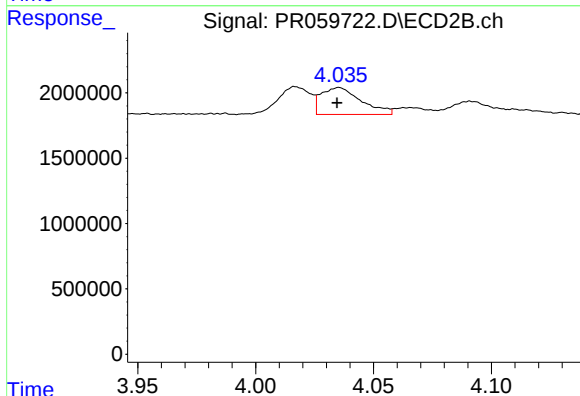
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2039440
Conc: 18.45 ng/ml



#17 AR-1242-2

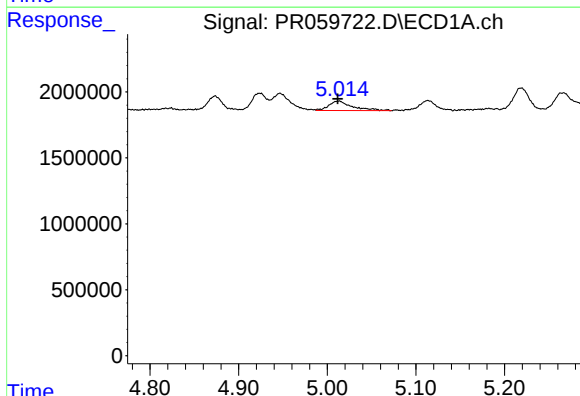
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 1823310
Conc: 17.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



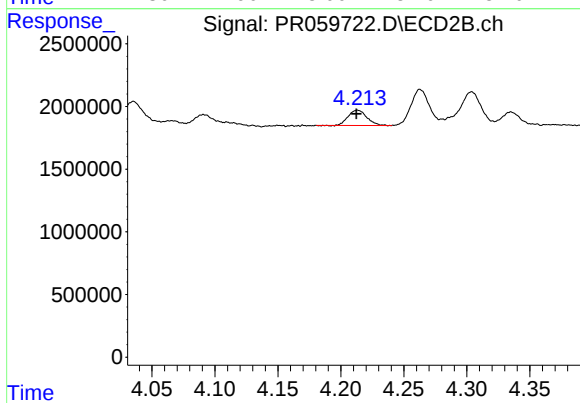
#17 AR-1242-2

R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 2442836
Conc: 15.12 ng/ml



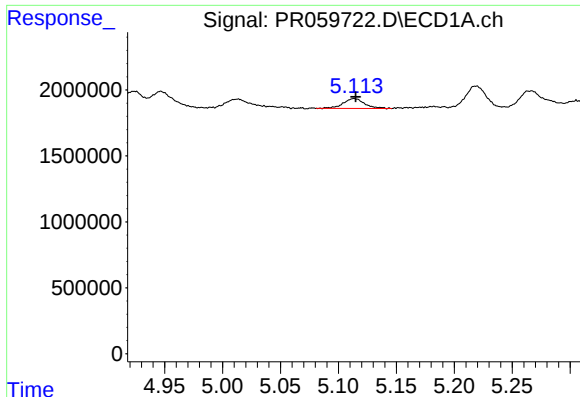
#18 AR-1242-3

R.T.: 5.013 min
Delta R.T.: 0.001 min
Response: 1342715
Conc: 20.44 ng/ml



#18 AR-1242-3

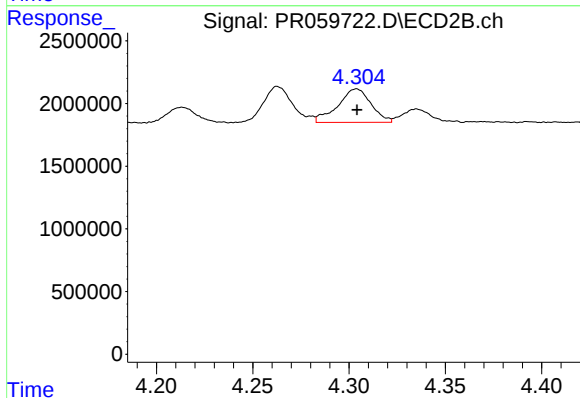
R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 1256250
Conc: 15.07 ng/ml



#19 AR-1242-4

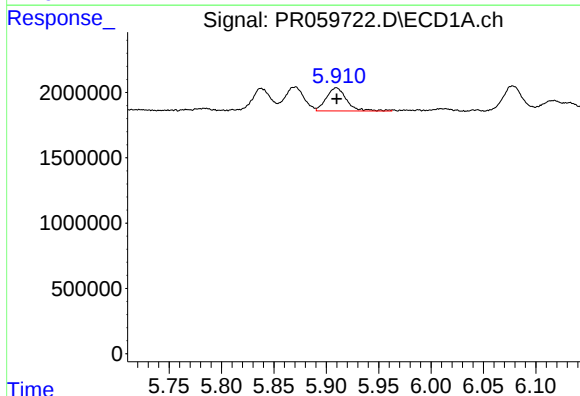
R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 967509
Conc: 18.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



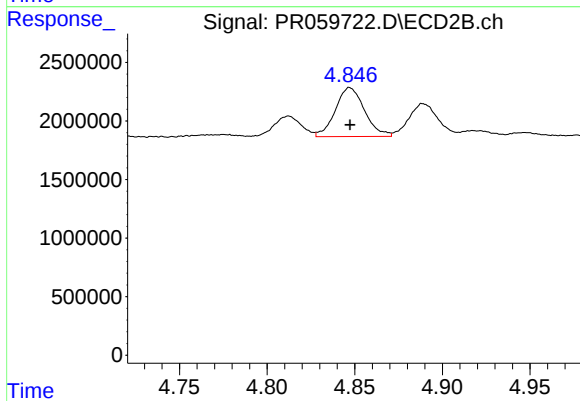
#19 AR-1242-4

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 3216113
Conc: 39.90 ng/ml



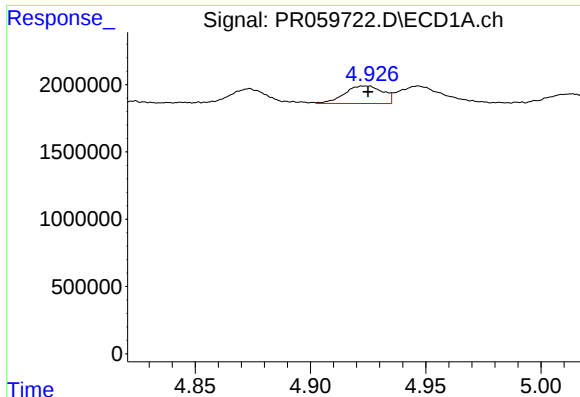
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 2398549
Conc: 44.71 ng/ml



#20 AR-1242-5

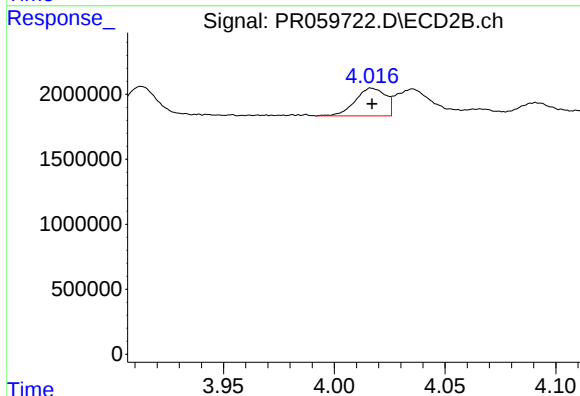
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 4858546
Conc: 48.43 ng/ml



#21 AR-1248-1

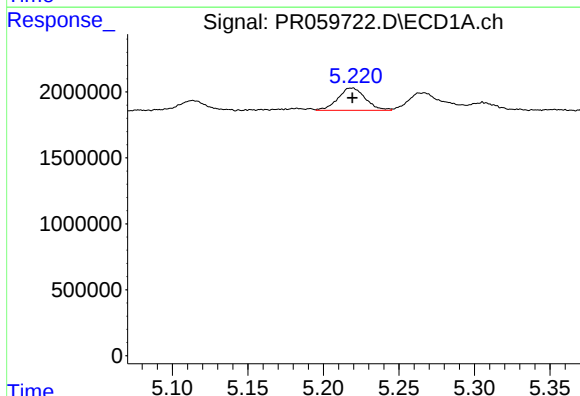
R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 1499978
Conc: 27.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



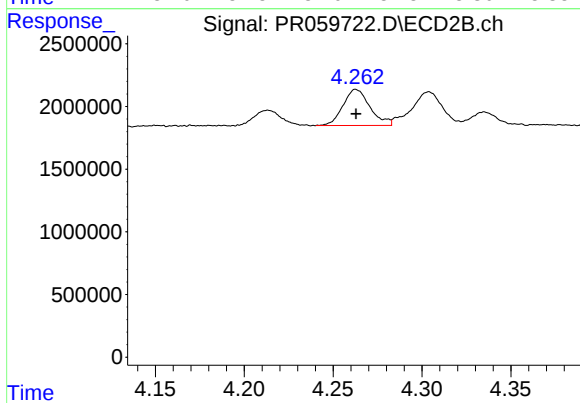
#21 AR-1248-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2039440
Conc: 24.56 ng/ml



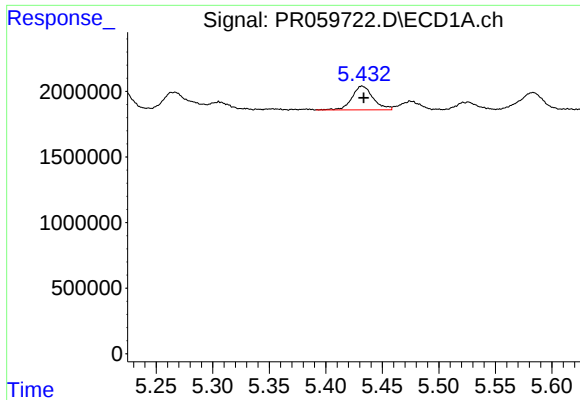
#22 AR-1248-2

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 2139765
Conc: 28.89 ng/ml



#22 AR-1248-2

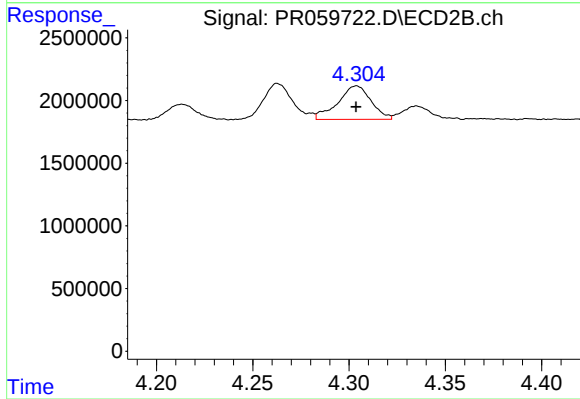
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 3049948
Conc: 25.15 ng/ml



#23 AR-1248-3

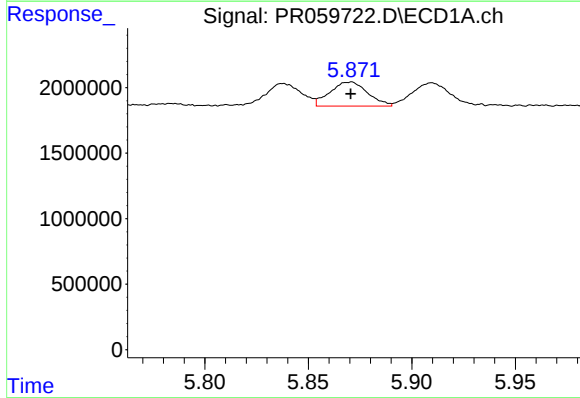
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 2356542
Conc: 27.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



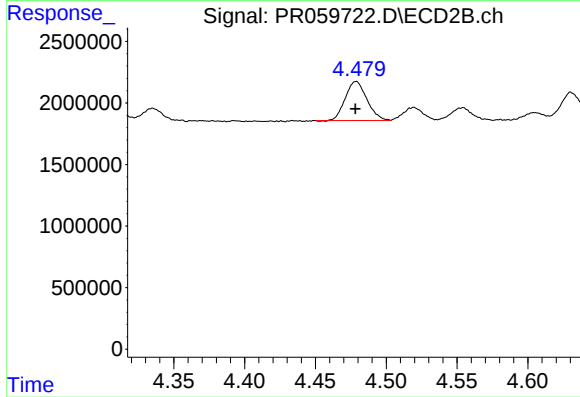
#23 AR-1248-3

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 3216113
Conc: 26.33 ng/ml



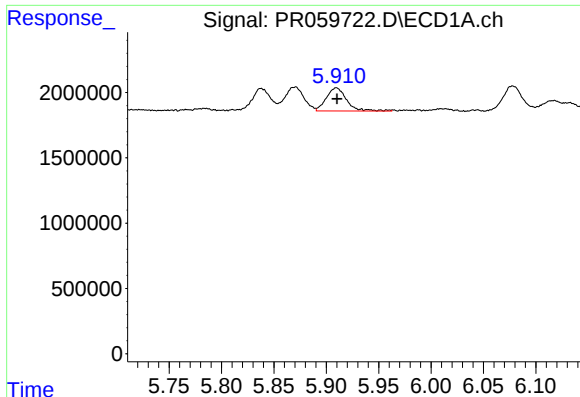
#24 AR-1248-4

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 2326786
Conc: 26.02 ng/ml



#24 AR-1248-4

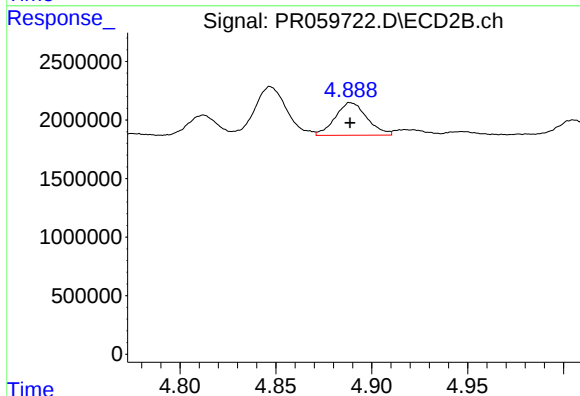
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 3364512
Conc: 22.54 ng/ml



#25 AR-1248-5

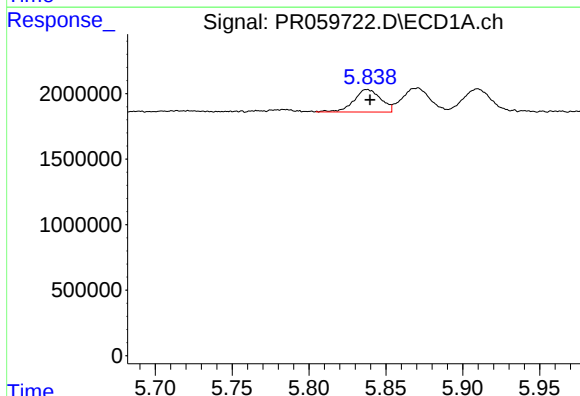
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 2398549
Conc: 26.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



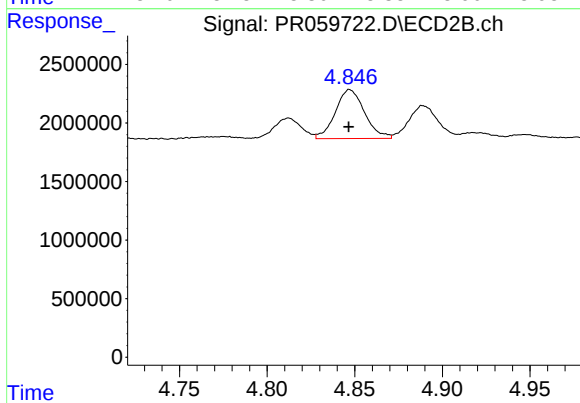
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 3233668
Conc: 23.36 ng/ml



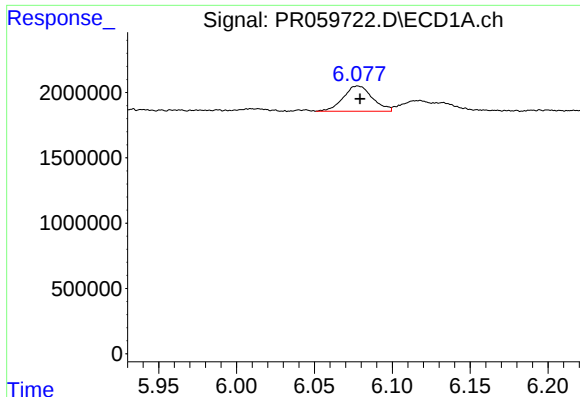
#26 AR-1254-1

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 2091328
Conc: 22.46 ng/ml



#26 AR-1254-1

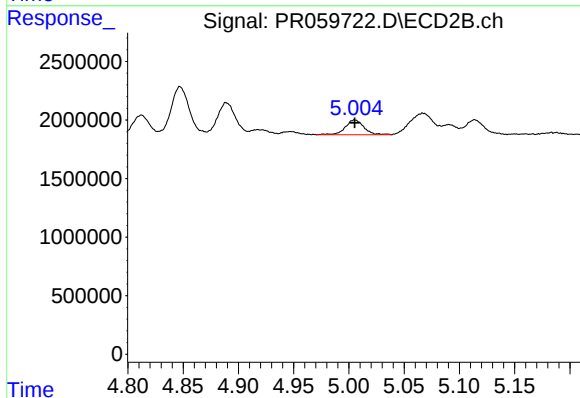
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 4858546
Conc: 21.41 ng/ml



#27 AR-1254-2

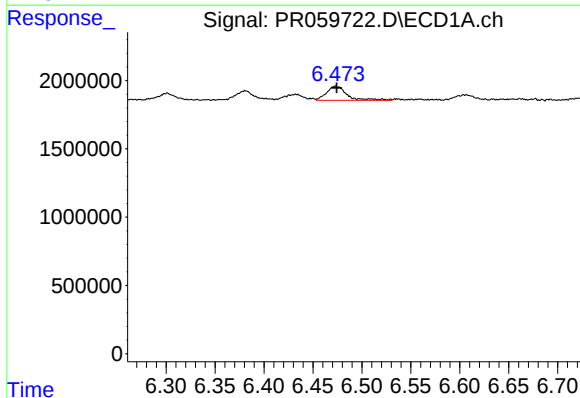
R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 2525917
Conc: 17.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



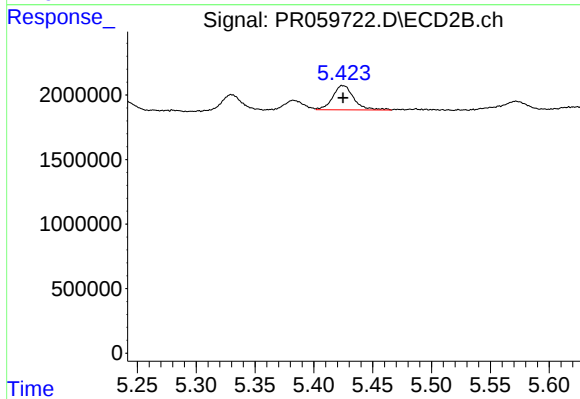
#27 AR-1254-2

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 1485589
Conc: 7.62 ng/ml



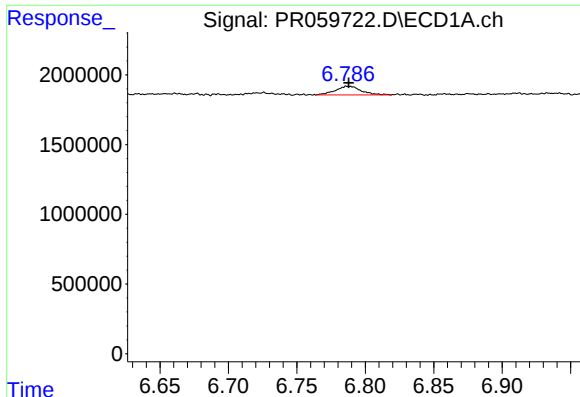
#28 AR-1254-3

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 1492349
Conc: 10.16 ng/ml



#28 AR-1254-3

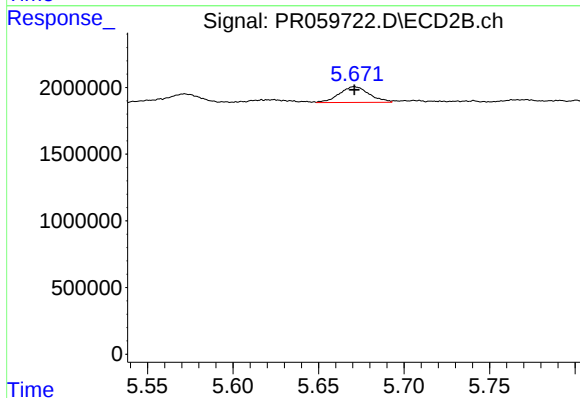
R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 2352322
Conc: 7.57 ng/ml



#29 AR-1254-4

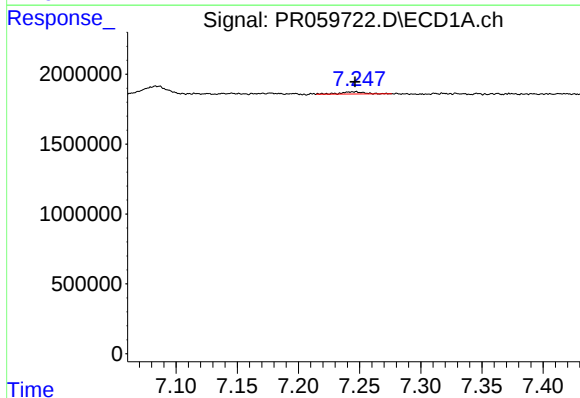
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 822376
Conc: 7.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



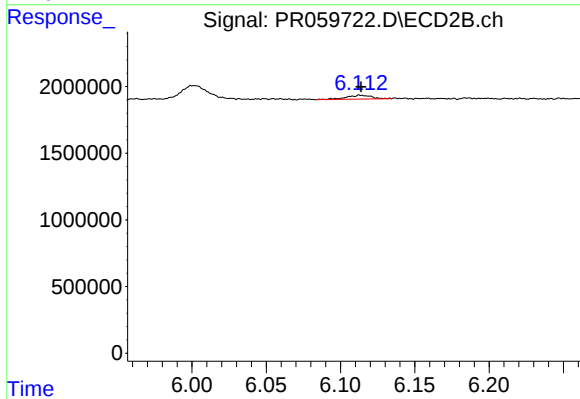
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 1439088
Conc: 7.98 ng/ml



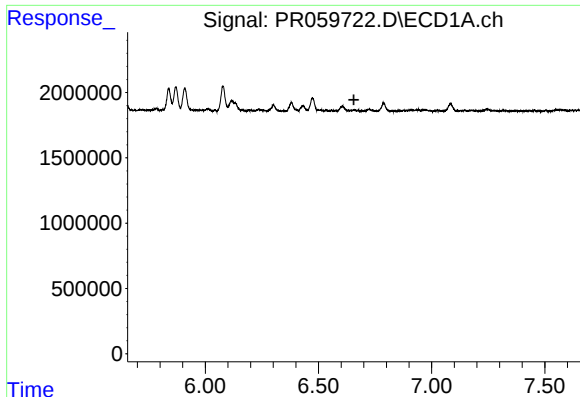
#30 AR-1254-5

R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 208766
Conc: 1.75 ng/ml



#30 AR-1254-5

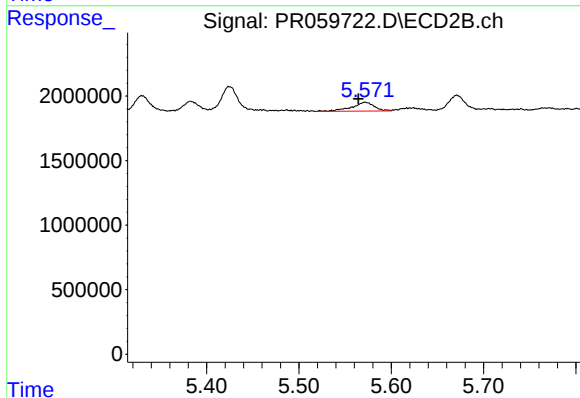
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 346070
Conc: 1.26 ng/ml



#31 AR-1260-1

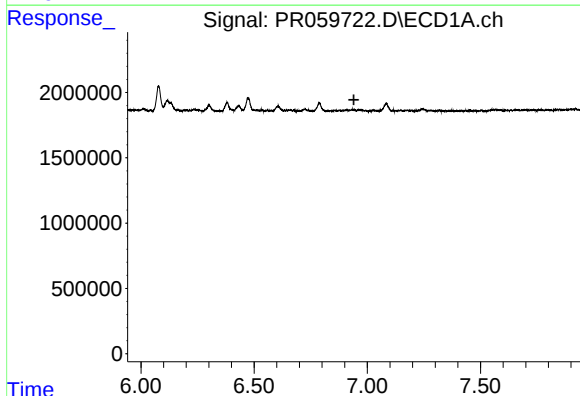
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



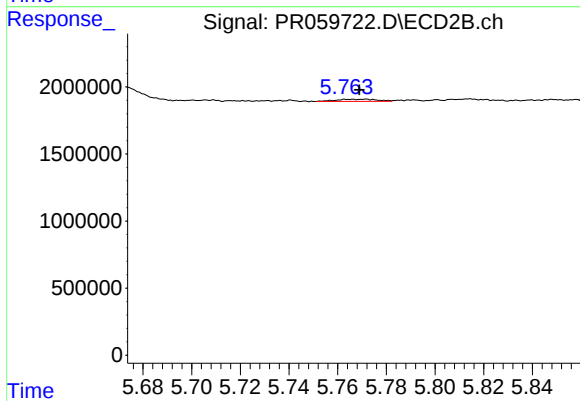
#31 AR-1260-1

R.T.: 5.572 min
Delta R.T.: 0.007 min
Response: 1164198
Conc: 5.07 ng/ml



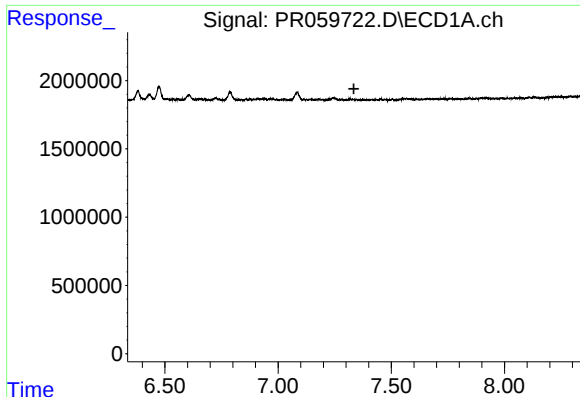
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.941 min
Response: 0
Conc: N.D.



#32 AR-1260-2

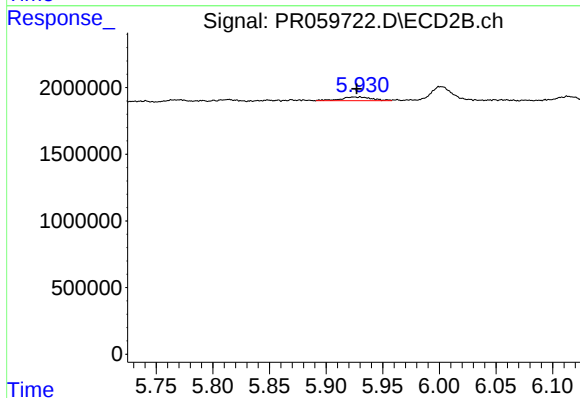
R.T.: 5.771 min
Delta R.T.: 0.002 min
Response: 182961
Conc: 0.68 ng/ml



#33 AR-1260-3

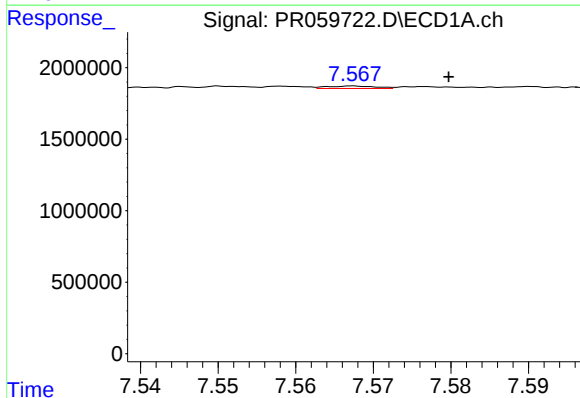
R.T.: 0.000 min
Exp R.T.: 7.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



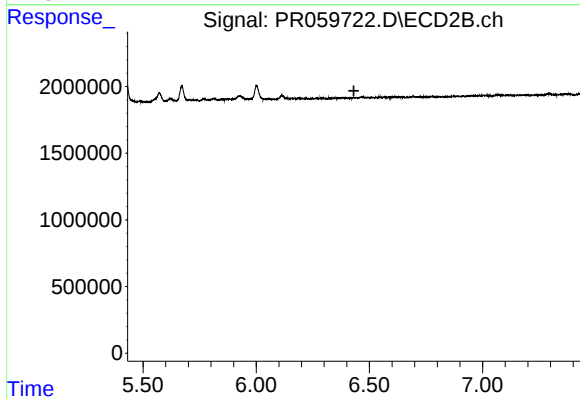
#33 AR-1260-3

R.T.: 5.930 min
Delta R.T.: 0.003 min
Response: 545046
Conc: 2.12 ng/ml



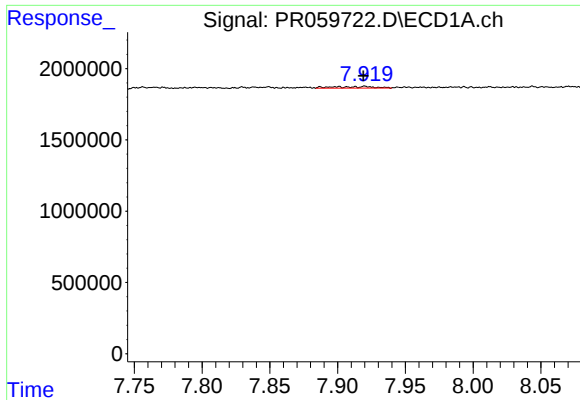
#34 AR-1260-4

R.T.: 7.567 min
Delta R.T.: -0.012 min
Response: 72737
Conc: 0.59 ng/ml



#34 AR-1260-4

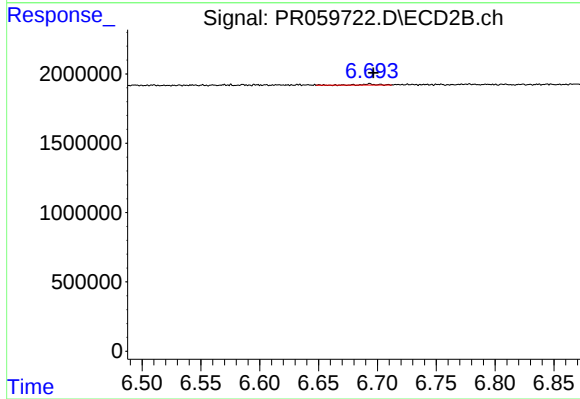
R.T.: 0.000 min
Exp R.T.: 6.431 min
Response: 0
Conc: N.D.



#35 AR-1260-5

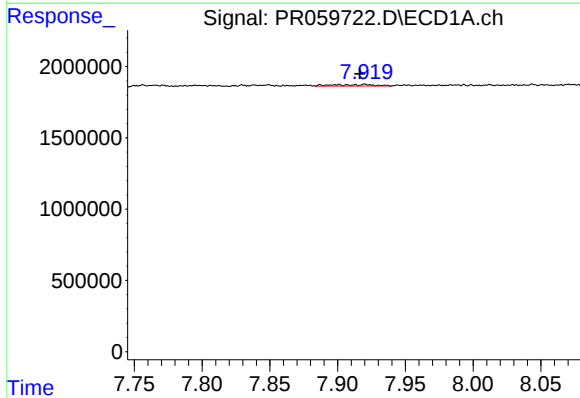
R.T.: 7.920 min
Delta R.T.: 0.001 min
Response: 241357
Conc: 1.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



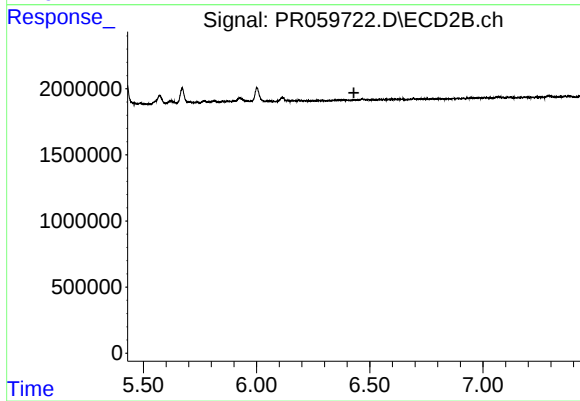
#35 AR-1260-5

R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 65225
Conc: 0.14 ng/ml



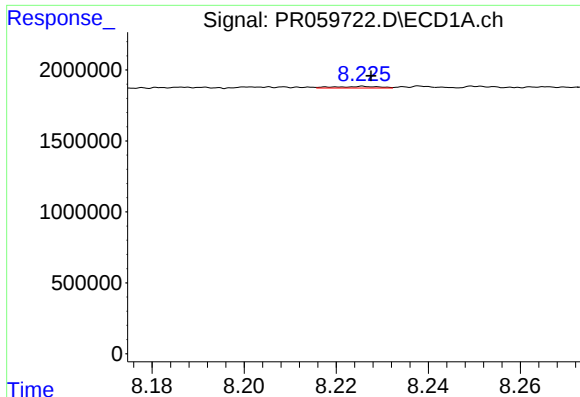
#37 AR-1262-2

R.T.: 7.920 min
Delta R.T.: 0.004 min
Response: 241357
Conc: 1.02 ng/ml



#37 AR-1262-2

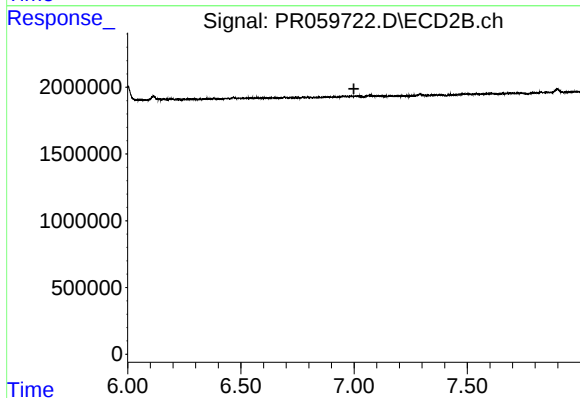
R.T.: 0.000 min
Exp R.T.: 6.430 min
Response: 0
Conc: N.D.



#38 AR-1262-3

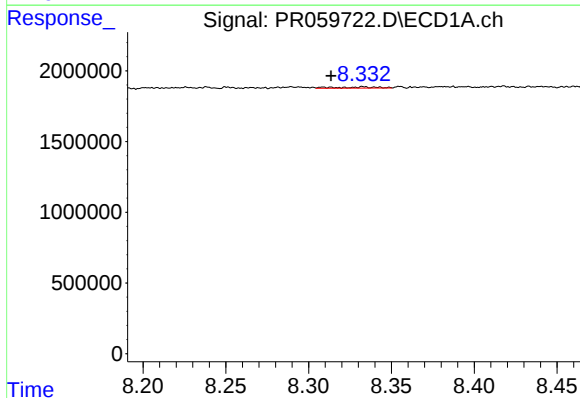
R.T.: 8.226 min
Delta R.T.: -0.001 min
Response: 77235
Conc: 0.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



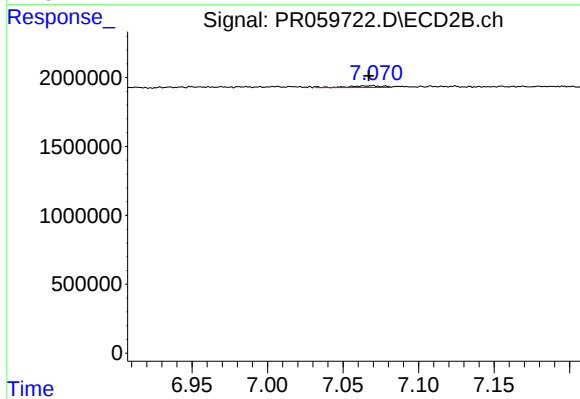
#38 AR-1262-3

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



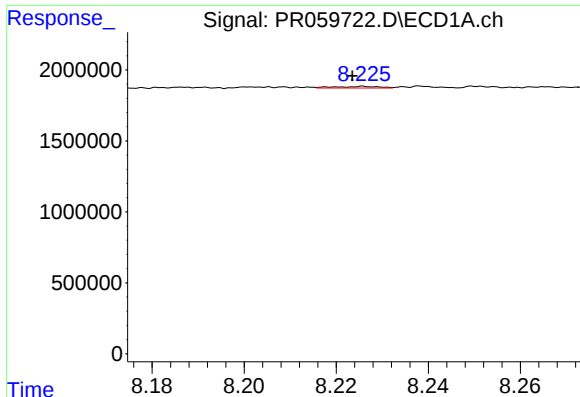
#39 AR-1262-4

R.T.: 8.333 min
Delta R.T.: 0.019 min
Response: 142295
Conc: 1.07 ng/ml



#39 AR-1262-4

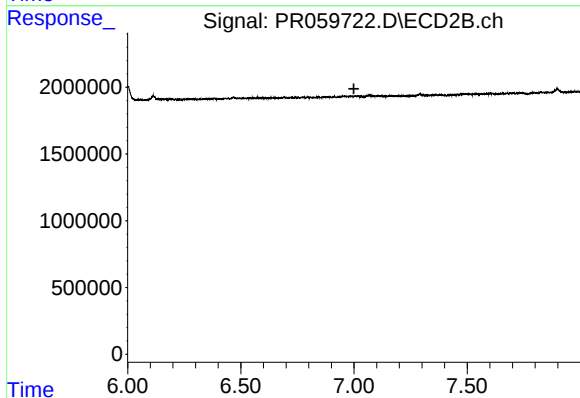
R.T.: 7.070 min
Delta R.T.: 0.003 min
Response: 202946
Conc: 0.56 ng/ml



#41 AR-1268-1

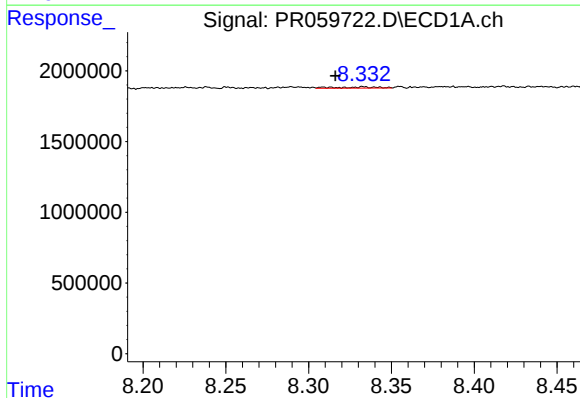
R.T.: 8.226 min
Delta R.T.: 0.003 min
Response: 77235
Conc: 0.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



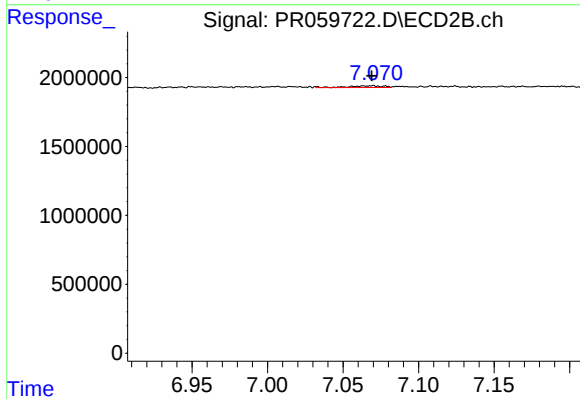
#41 AR-1268-1

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



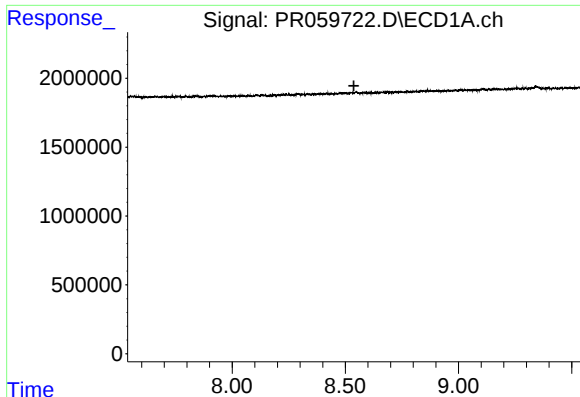
#42 AR-1268-2

R.T.: 8.333 min
Delta R.T.: 0.017 min
Response: 142295
Conc: 0.51 ng/ml



#42 AR-1268-2

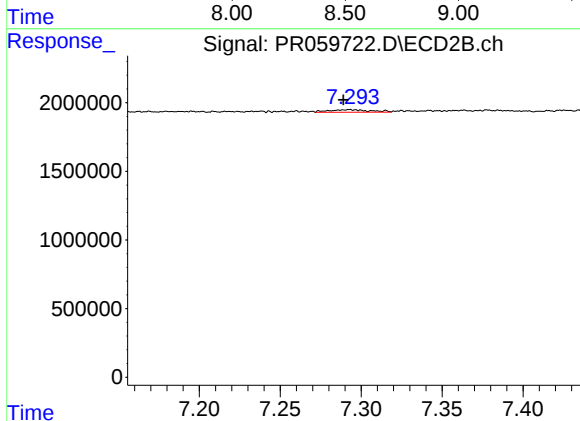
R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 202946
Conc: 0.37 ng/ml



#43 AR-1268-3

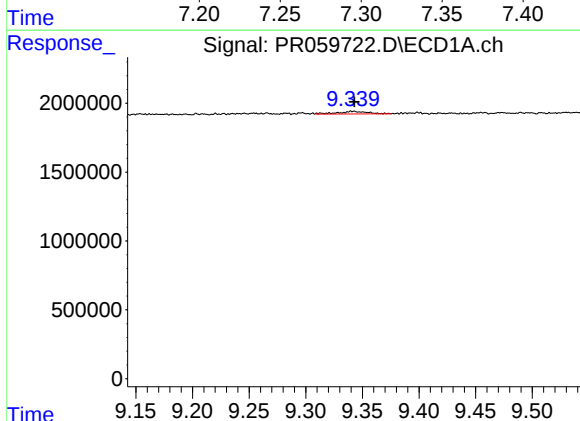
R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



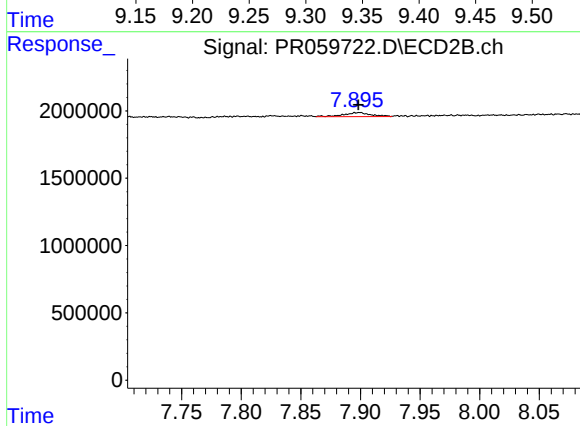
#43 AR-1268-3

R.T.: 7.293 min
Delta R.T.: 0.004 min
Response: 316418
Conc: 0.65 ng/ml



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.001 min
Response: 337432
Conc: 0.42 ng/ml



#45 AR-1268-5

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 463730
Conc: 0.31 ng/ml