

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
 Data File : PR055695.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 03:36
 Operator : AJ\MA
 Sample : N3980-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 07:30:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 12:39:02 2022
 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...	3.635	2.905	91916511	43871538	21.541	21.850
2)	SA Decachlor...	9.526	8.121	37296741	37339827	20.976	20.527
Target Compounds							
3)	L1 AR-1016-1	4.856	4.013	4126617	1978197	35.638	30.546
4)	L1 AR-1016-2	4.878	4.031	5847841	2842395	35.632	31.121
5)	L1 AR-1016-3	4.942	4.208	3627273	1572942	36.677	30.848
6)	L1 AR-1016-4	5.044	4.258	2839169	1278929	35.842	33.663
7)	L1 AR-1016-5	5.359	4.473	2576794	1434115	35.639	29.072
8)	L2 AR-1221-1	3.849	3.128	225411	324292	4.561	14.210 #
9)	L2 AR-1221-2	3.945	3.208	1635068	795785	45.131	46.413
10)	L2 AR-1221-3	4.023	3.290	2556719	1250471	24.279	23.883
11)	L3 AR-1232-1	4.023	3.290	2556719	1250471	29.478	28.983
12)	L3 AR-1232-2	4.571	4.031	3319624	2842395	77.345	70.700
13)	L3 AR-1232-3	4.878	4.208	5847841	1572942	79.909	72.838
14)	L3 AR-1232-4	5.044	4.299	2839169	1476414	82.257	80.413
15)	L3 AR-1232-5	5.148	4.473	2356608	1434115	94.455	69.356 #
16)	L4 AR-1242-1	4.856	4.013	4126617	1978197	43.875	36.888
17)	L4 AR-1242-2	4.878	4.031	5847841	2842395	43.167	38.003
18)	L4 AR-1242-3	4.942	4.208	3627273	1572942	45.529	38.750
19)	L4 AR-1242-4	5.044	4.299	2839169	1476414	45.080	39.220
20)	L4 AR-1242-5	5.832	4.840	733857	1490539	12.743	30.110 #
21)	L5 AR-1248-1	4.856	4.013	4126617	1978197	56.767	48.609
22)	L5 AR-1248-2	5.148	4.258	2356608	1278929	26.504	23.108
23)	L5 AR-1248-3	5.359	4.299	2576794	1476414	25.895	26.254
24)	L5 AR-1248-4	5.792	4.473	716695	1434115	7.334	21.133 #
25)	L5 AR-1248-5	5.832	4.883	733857	531399	7.517	7.451
26)	L6 AR-1254-1	5.763	4.840	2572397	1490539	25.117	13.641 #
27)	L6 AR-1254-2	6.000	4.998	1928226	1046793	13.117	10.811
28)	L6 AR-1254-3	6.392	5.436f	870222	2183725	5.940	14.336 #
29)	L6 AR-1254-4	6.703	5.660	400704	166538	3.865	1.690 #
30)	L6 AR-1254-5	7.157	6.103	5510040	4087997	50.816	30.173 #
31)	L7 AR-1260-1	6.571	5.556	3802105	3152623	35.120	31.289
32)	L7 AR-1260-2	6.854	5.759	4443347	3823540	35.910	31.273
33)	L7 AR-1260-3	7.245	5.916	3107941	3507697	34.431	31.016
34)	L7 AR-1260-4	7.487	6.419	3777691	2858849	36.795	29.874
35)	L7 AR-1260-5	7.825	6.683	6616525	6818191	34.038	30.363
36)	L8 AR-1262-1	7.245	6.147	3107941	3066626	25.000	22.802
37)	L8 AR-1262-2	7.825	6.419	6616525	2858849	31.001	23.426
38)	L8 AR-1262-3	8.137	6.986	4266720	1930987	28.938	20.062 #
39)	L8 AR-1262-4	8.200f	7.052	2686001	4926761	42.743	27.077 #
40)	L8 AR-1262-5	8.838	7.589	1618924	1649171	20.439	19.245
41)	L9 AR-1268-1	8.137	6.986	4266720	1930987	17.111	6.865 #

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 Misc : AR1660 MDL 25 PPB
 ALS Vial : 39 Sample Multiplier: 1

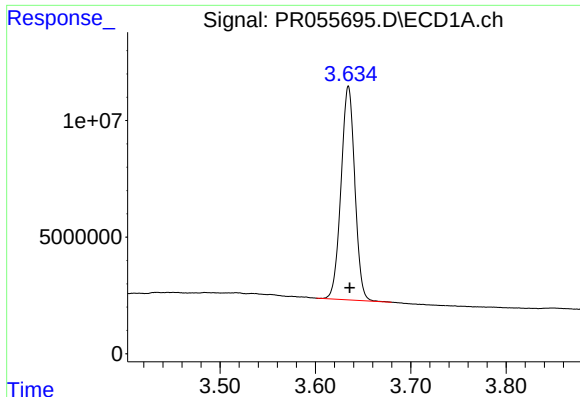
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 07:30:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
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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	8.200f	7.052	2686001	4926761	11.764	19.257 #
43) L9	AR-1268-3	8.421f	7.272	541500	512831	2.812	2.383
44) L9	AR-1268-4	8.838	7.589	1618924	1649171	18.355	17.355
45) L9	AR-1268-5	9.219	7.882	838933	851066	1.372	1.249

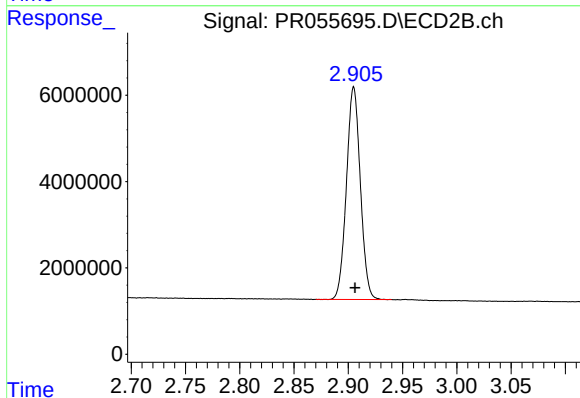
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

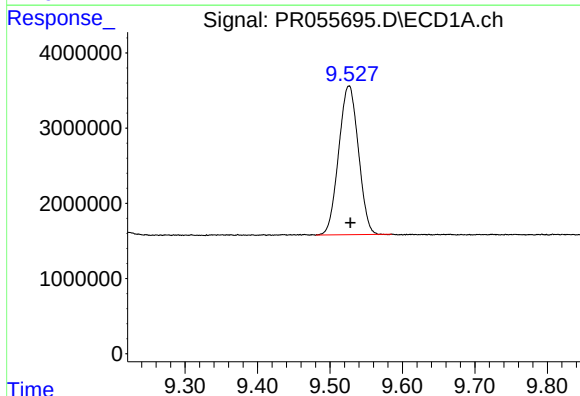
R.T.: 3.635 min
Delta R.T.: -0.001 min
Response: 91916511
Conc: 21.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



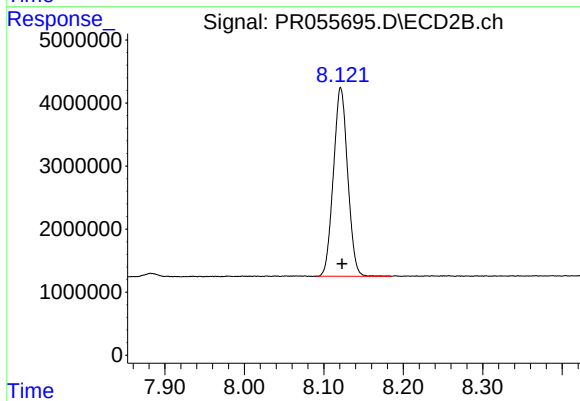
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: -0.001 min
Response: 43871538
Conc: 21.85 ng/ml



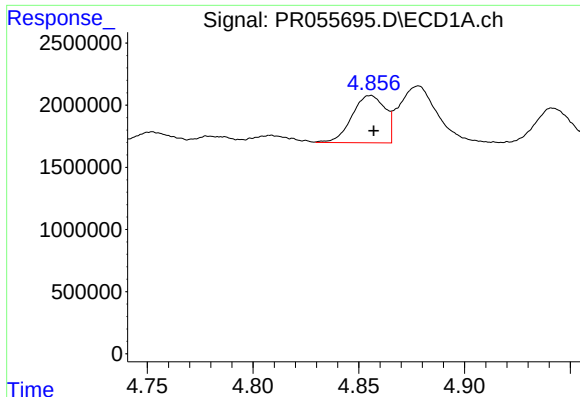
#2 Decachlorobiphenyl

R.T.: 9.526 min
Delta R.T.: -0.002 min
Response: 37296741
Conc: 20.98 ng/ml



#2 Decachlorobiphenyl

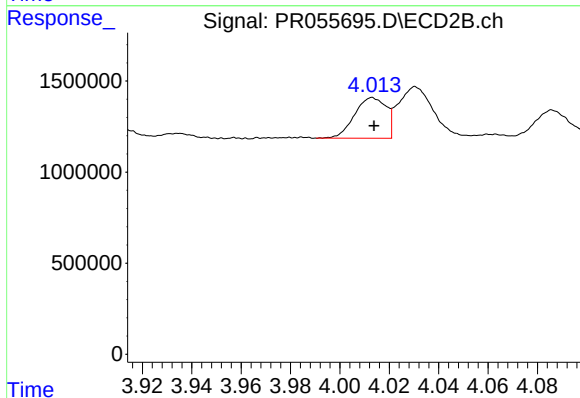
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 37339827
Conc: 20.53 ng/ml



#3 AR-1016-1

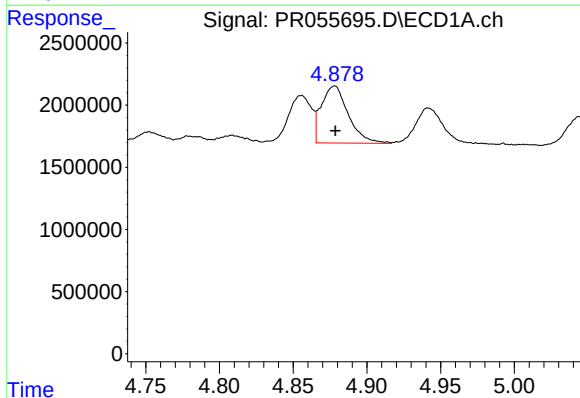
R.T.: 4.856 min
Delta R.T.: -0.001 min
Response: 4126617
Conc: 35.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



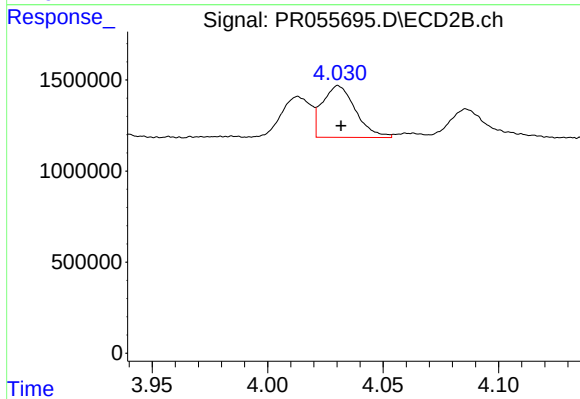
#3 AR-1016-1

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 1978197
Conc: 30.55 ng/ml



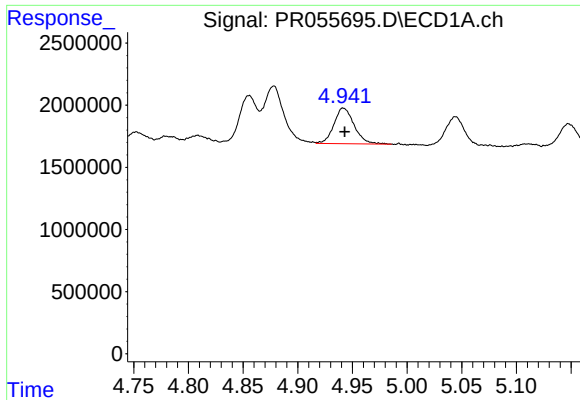
#4 AR-1016-2

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 5847841
Conc: 35.63 ng/ml



#4 AR-1016-2

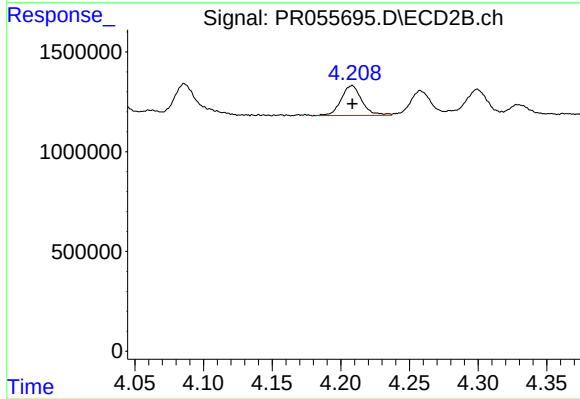
R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 2842395
Conc: 31.12 ng/ml



#5 AR-1016-3

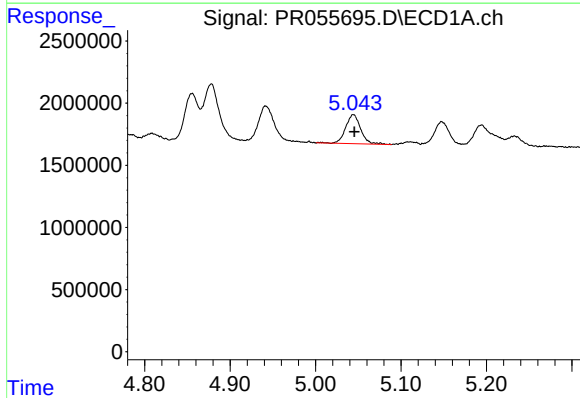
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 3627273
Conc: 36.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



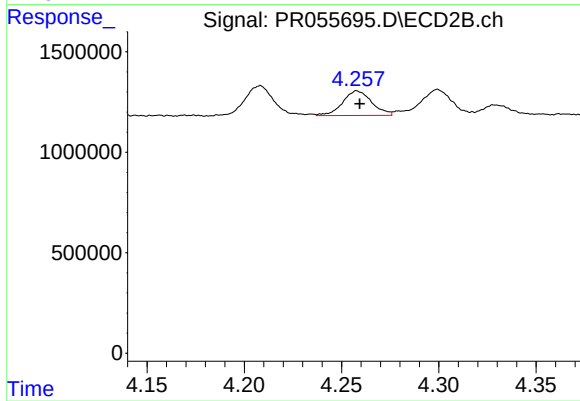
#5 AR-1016-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1572942
Conc: 30.85 ng/ml



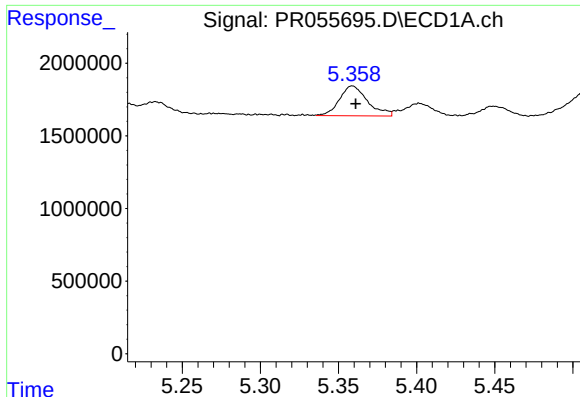
#6 AR-1016-4

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 2839169
Conc: 35.84 ng/ml



#6 AR-1016-4

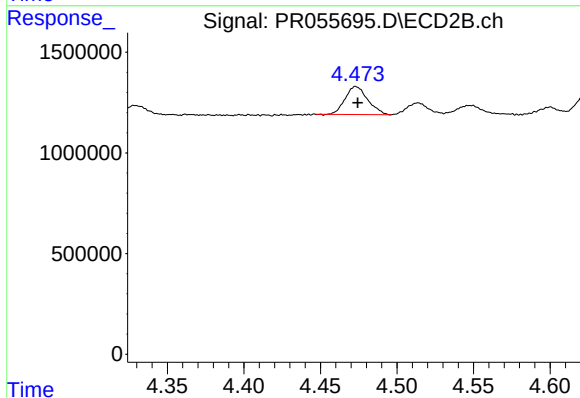
R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 1278929
Conc: 33.66 ng/ml



#7 AR-1016-5

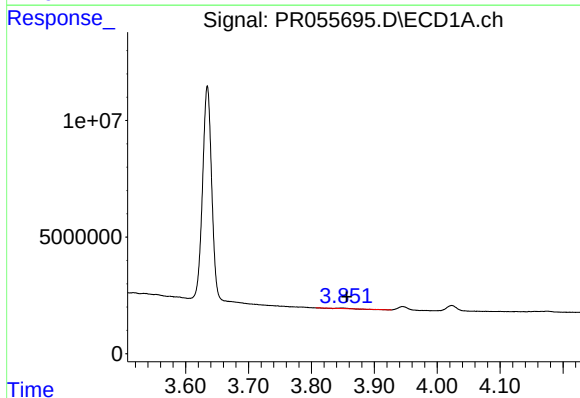
R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 2576794
Conc: 35.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



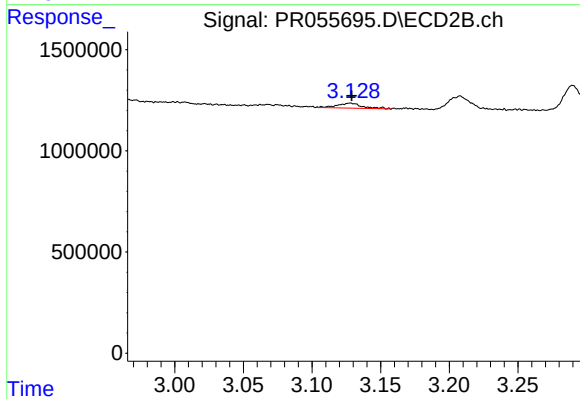
#7 AR-1016-5

R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 1434115
Conc: 29.07 ng/ml



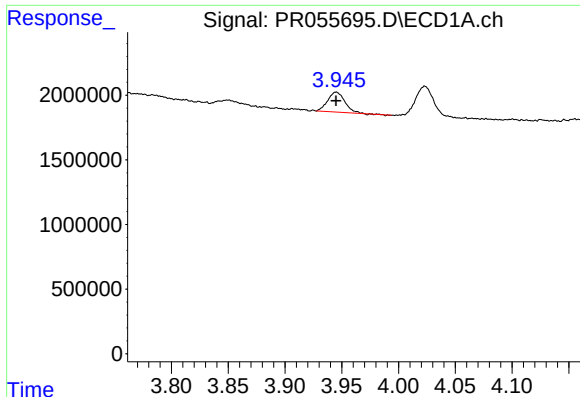
#8 AR-1221-1

R.T.: 3.849 min
Delta R.T.: -0.007 min
Response: 225411
Conc: 4.56 ng/ml



#8 AR-1221-1

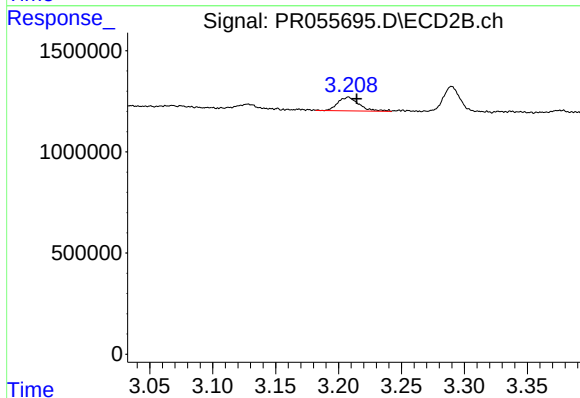
R.T.: 3.128 min
Delta R.T.: -0.001 min
Response: 324292
Conc: 14.21 ng/ml



#9 AR-1221-2

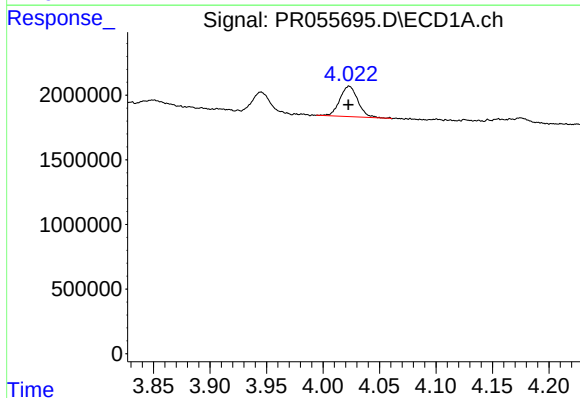
R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 1635068
Conc: 45.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



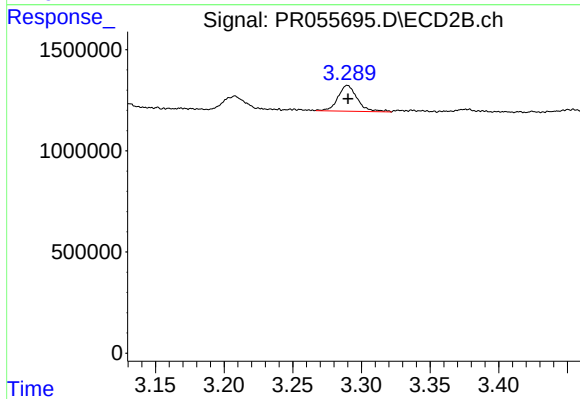
#9 AR-1221-2

R.T.: 3.208 min
Delta R.T.: -0.006 min
Response: 795785
Conc: 46.41 ng/ml



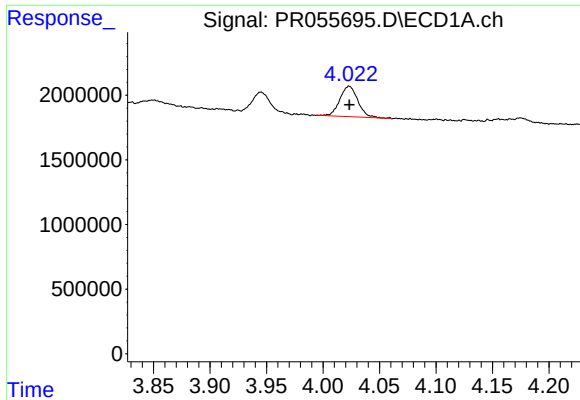
#10 AR-1221-3

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2556719
Conc: 24.28 ng/ml



#10 AR-1221-3

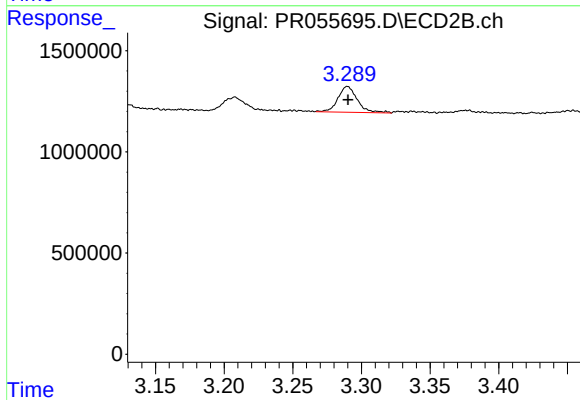
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1250471
Conc: 23.88 ng/ml



#11 AR-1232-1

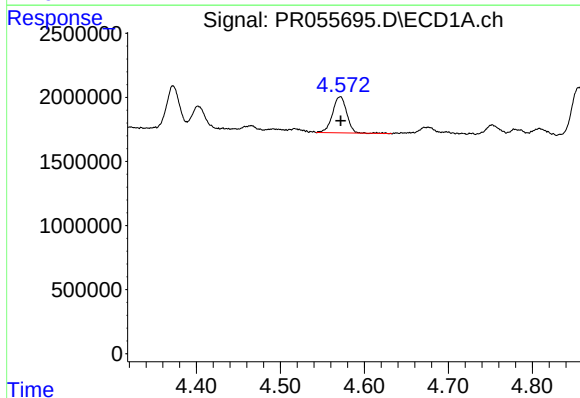
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2556719
Conc: 29.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



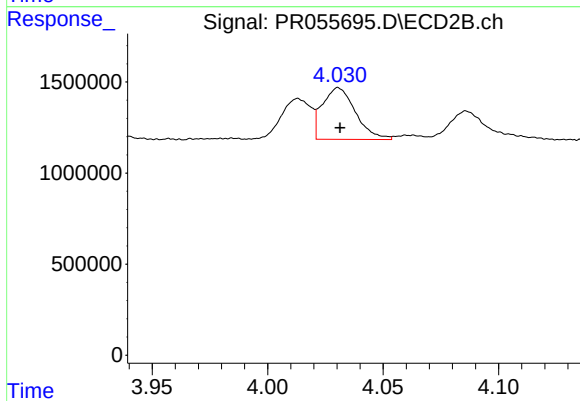
#11 AR-1232-1

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 1250471
Conc: 28.98 ng/ml



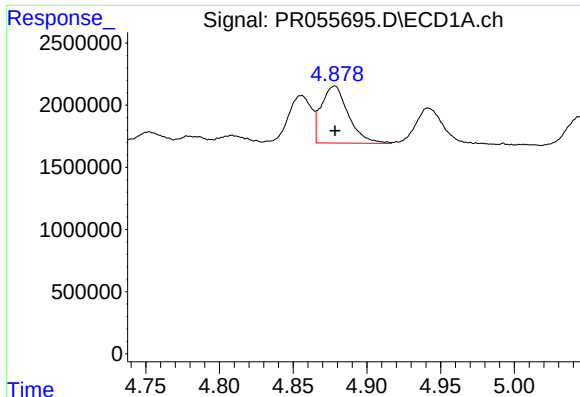
#12 AR-1232-2

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 3319624
Conc: 77.34 ng/ml



#12 AR-1232-2

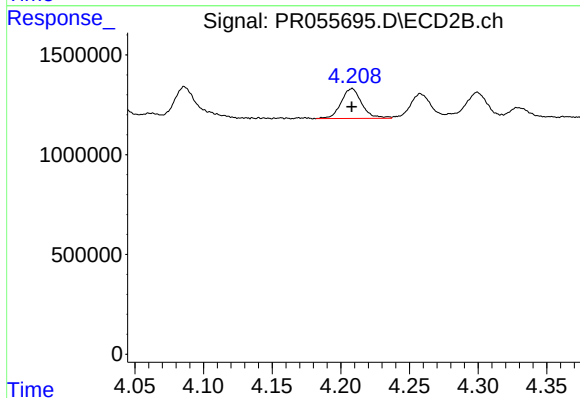
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2842395
Conc: 70.70 ng/ml



#13 AR-1232-3

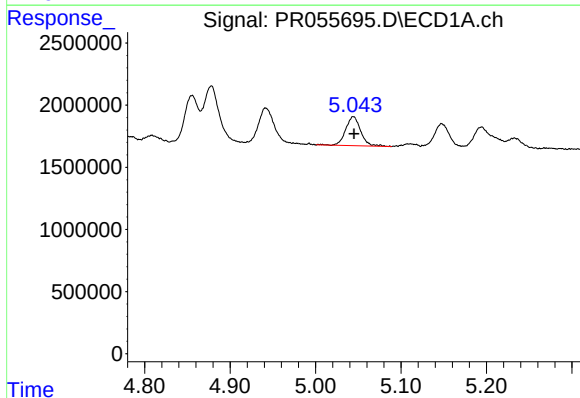
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 5847841
Conc: 79.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



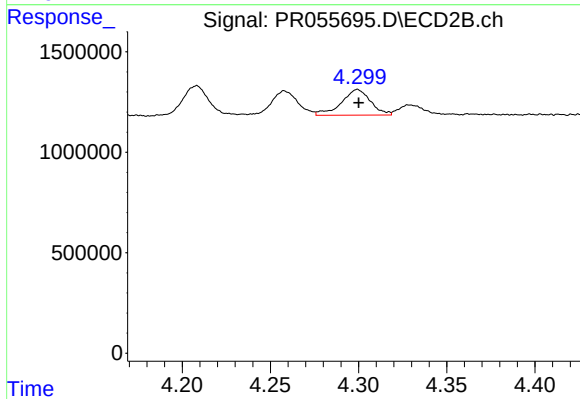
#13 AR-1232-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1572942
Conc: 72.84 ng/ml



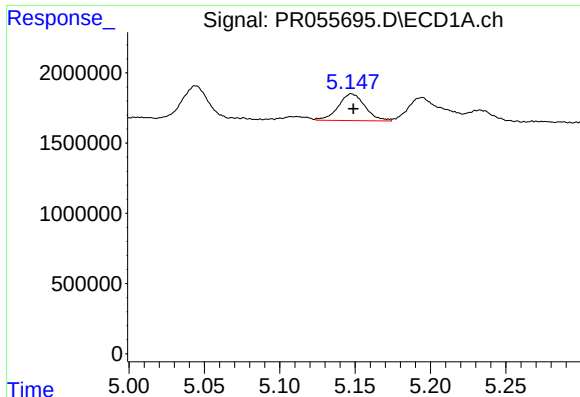
#14 AR-1232-4

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 2839169
Conc: 82.26 ng/ml



#14 AR-1232-4

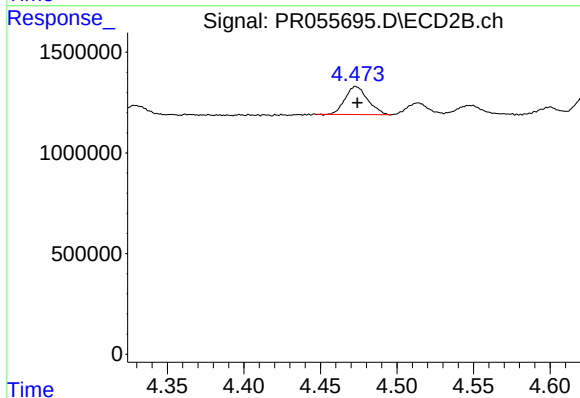
R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 1476414
Conc: 80.41 ng/ml



#15 AR-1232-5

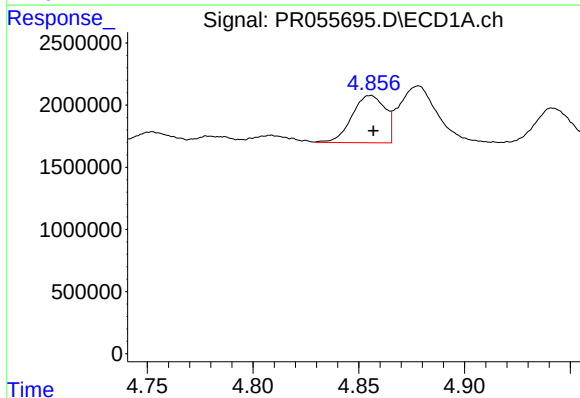
R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 2356608
Conc: 94.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



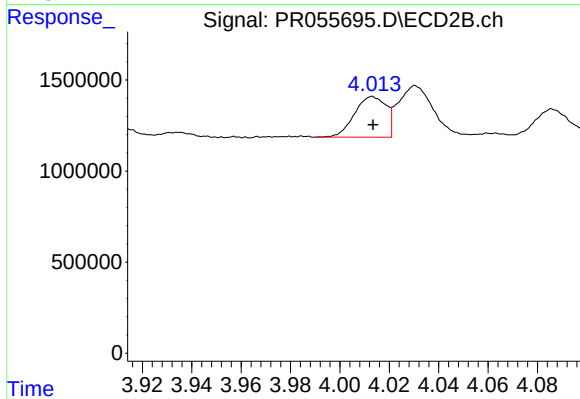
#15 AR-1232-5

R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 1434115
Conc: 69.36 ng/ml



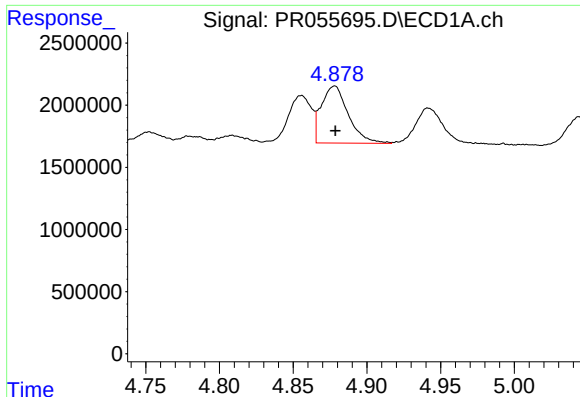
#16 AR-1242-1

R.T.: 4.856 min
Delta R.T.: -0.001 min
Response: 4126617
Conc: 43.87 ng/ml



#16 AR-1242-1

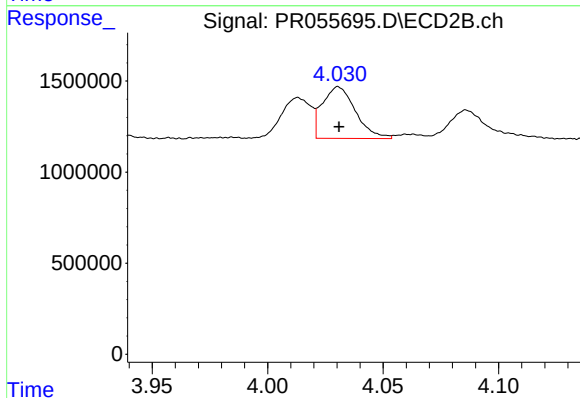
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 1978197
Conc: 36.89 ng/ml



#17 AR-1242-2

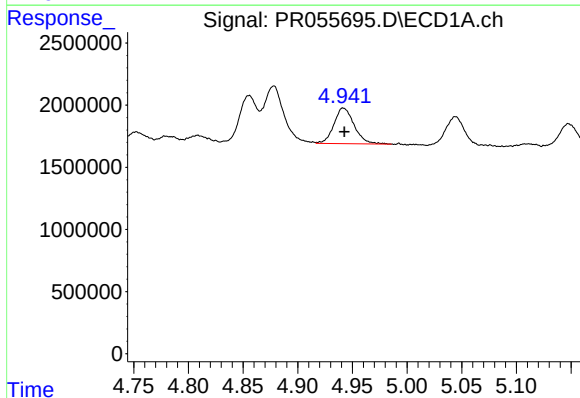
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 5847841
Conc: 43.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



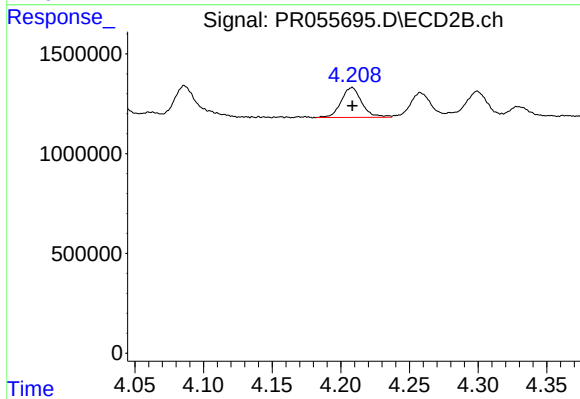
#17 AR-1242-2

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2842395
Conc: 38.00 ng/ml



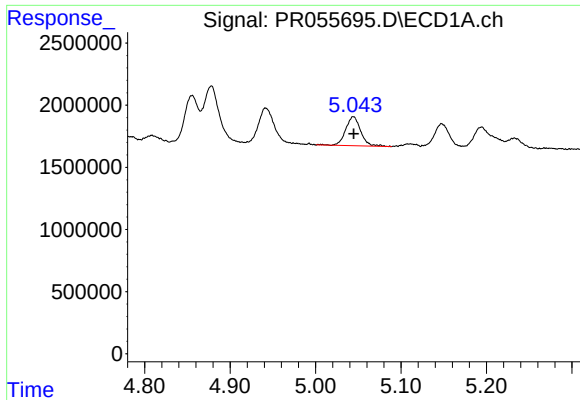
#18 AR-1242-3

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 3627273
Conc: 45.53 ng/ml



#18 AR-1242-3

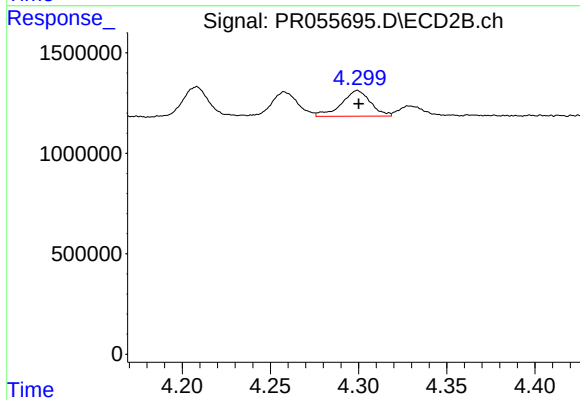
R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1572942
Conc: 38.75 ng/ml



#19 AR-1242-4

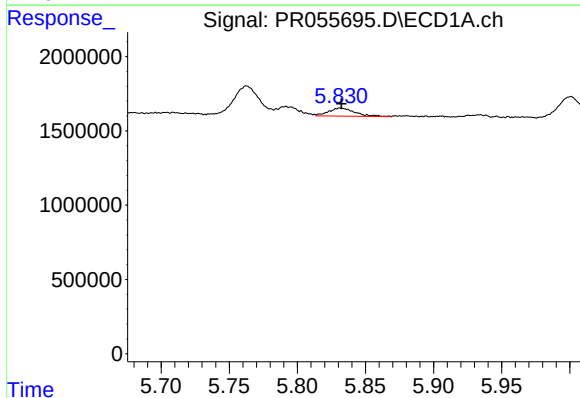
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 2839169
Conc: 45.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



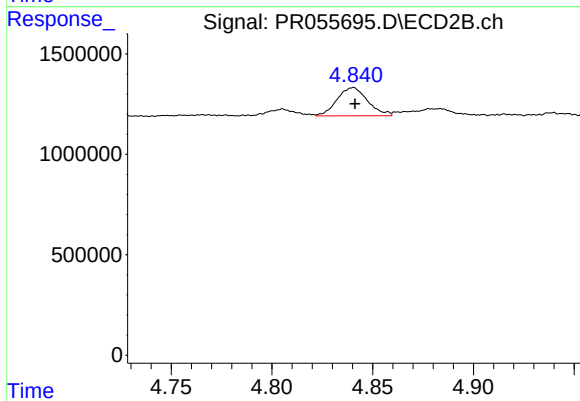
#19 AR-1242-4

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 1476414
Conc: 39.22 ng/ml



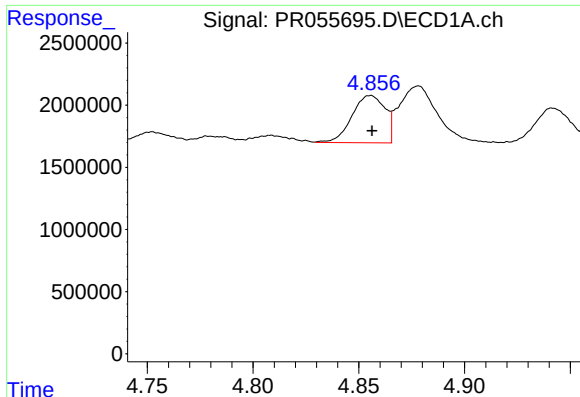
#20 AR-1242-5

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 733857
Conc: 12.74 ng/ml



#20 AR-1242-5

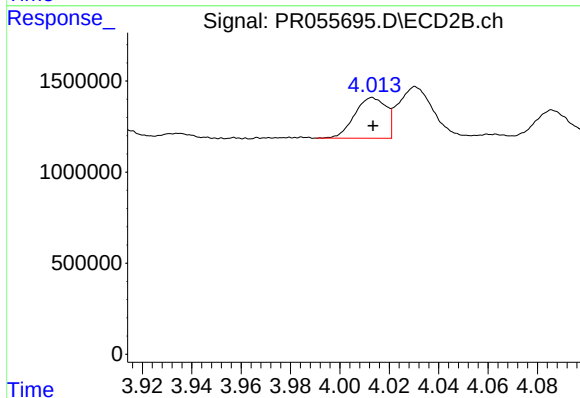
R.T.: 4.840 min
Delta R.T.: -0.001 min
Response: 1490539
Conc: 30.11 ng/ml



#21 AR-1248-1

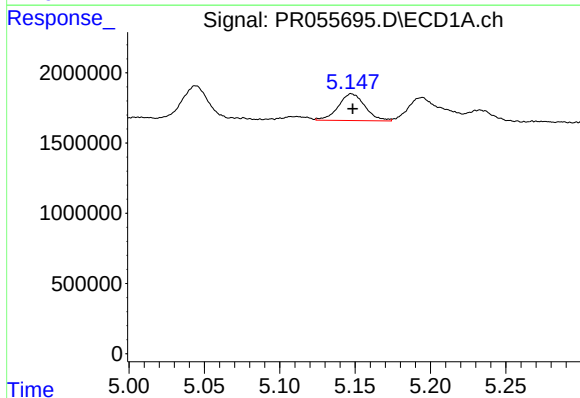
R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 4126617
Conc: 56.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



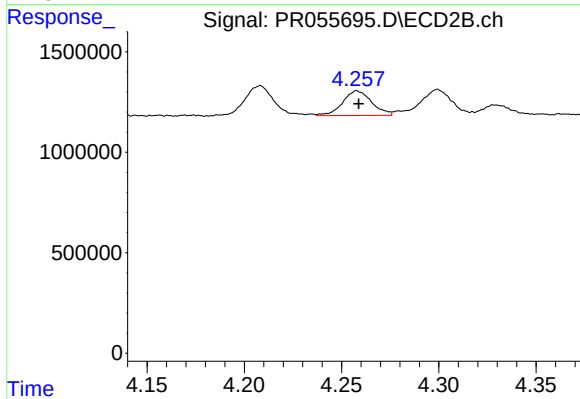
#21 AR-1248-1

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 1978197
Conc: 48.61 ng/ml



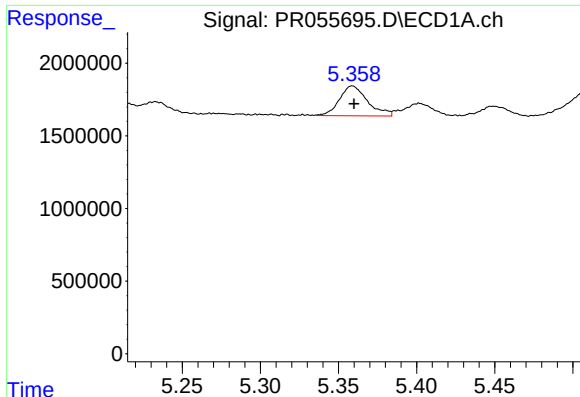
#22 AR-1248-2

R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 2356608
Conc: 26.50 ng/ml



#22 AR-1248-2

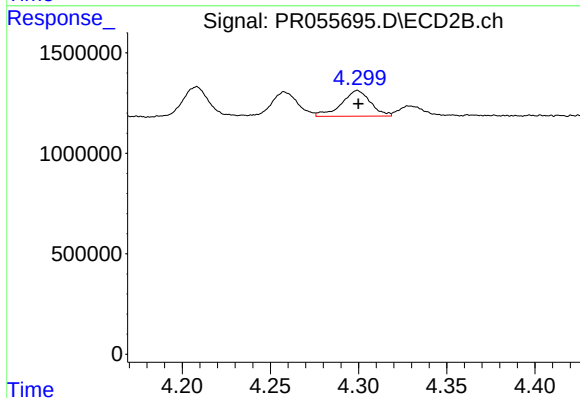
R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1278929
Conc: 23.11 ng/ml



#23 AR-1248-3

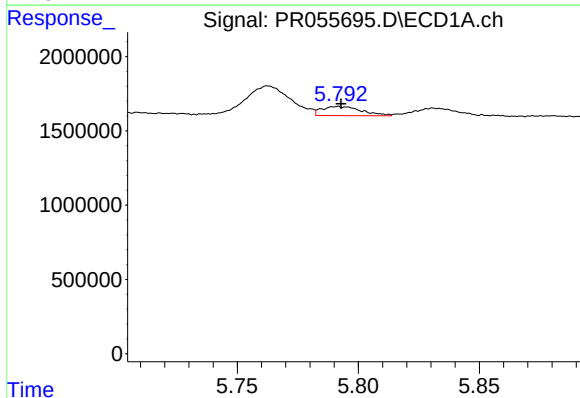
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 2576794
Conc: 25.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



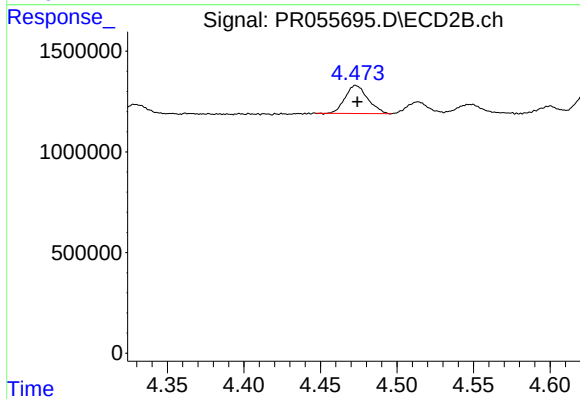
#23 AR-1248-3

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 1476414
Conc: 26.25 ng/ml



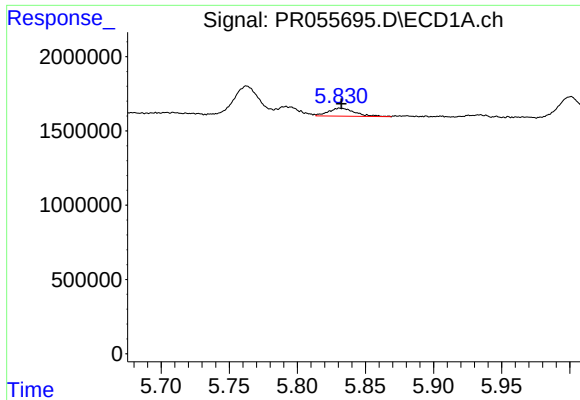
#24 AR-1248-4

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 716695
Conc: 7.33 ng/ml



#24 AR-1248-4

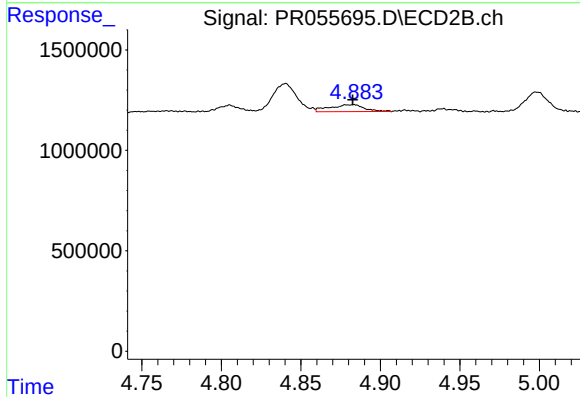
R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 1434115
Conc: 21.13 ng/ml



#25 AR-1248-5

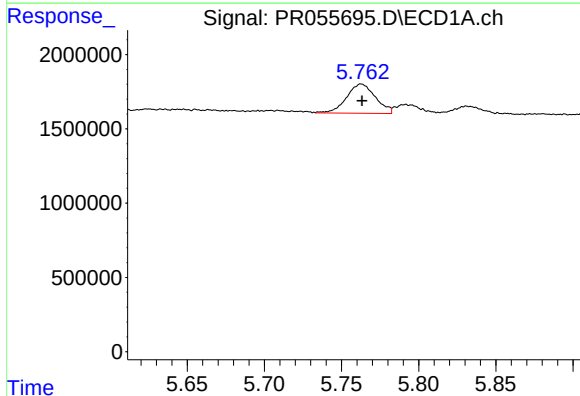
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 733857
Conc: 7.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



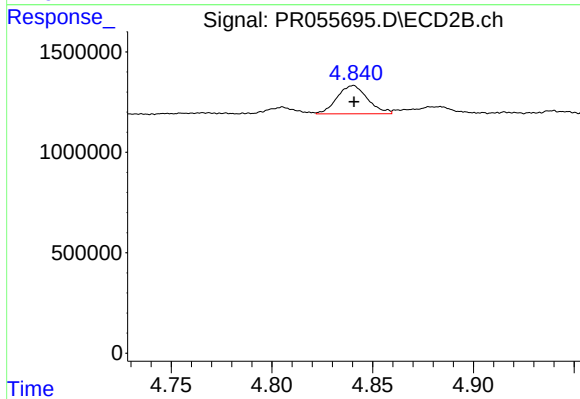
#25 AR-1248-5

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 531399
Conc: 7.45 ng/ml



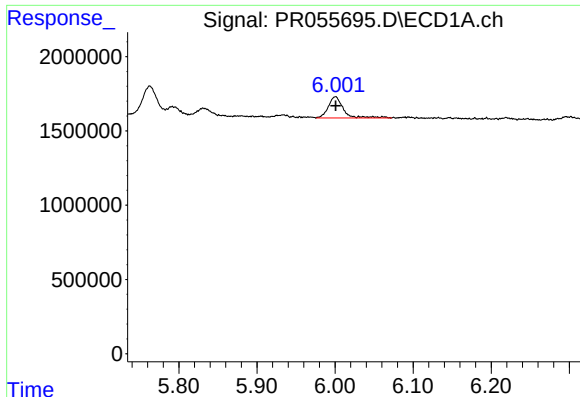
#26 AR-1254-1

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 2572397
Conc: 25.12 ng/ml



#26 AR-1254-1

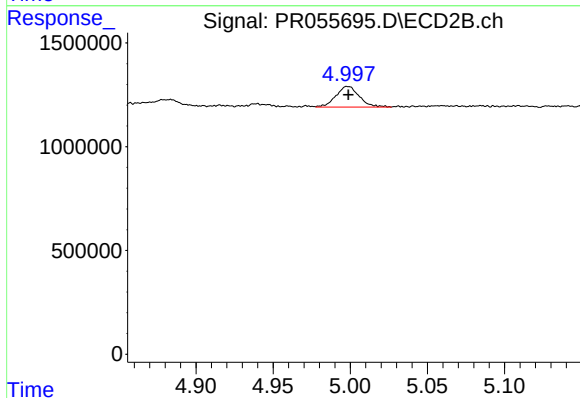
R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 1490539
Conc: 13.64 ng/ml



#27 AR-1254-2

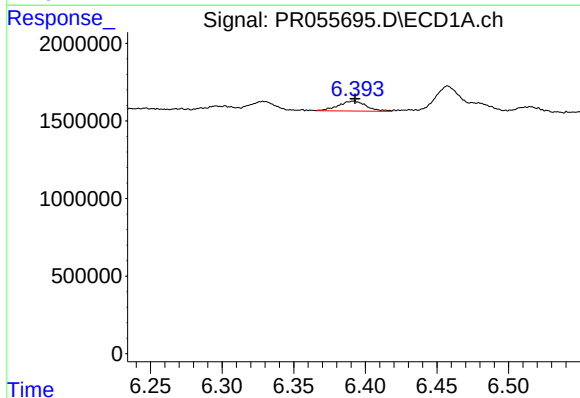
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 1928226
Conc: 13.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



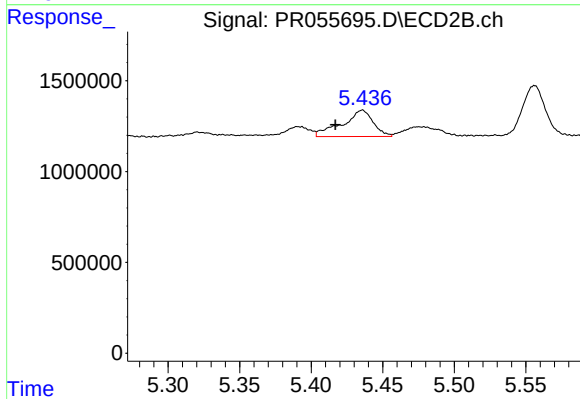
#27 AR-1254-2

R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 1046793
Conc: 10.81 ng/ml



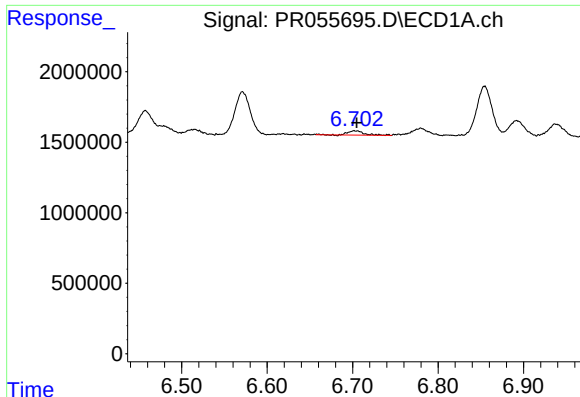
#28 AR-1254-3

R.T.: 6.392 min
Delta R.T.: -0.001 min
Response: 870222
Conc: 5.94 ng/ml



#28 AR-1254-3

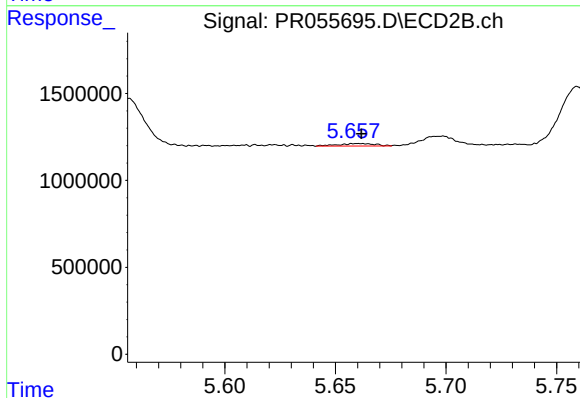
R.T.: 5.436 min
Delta R.T.: 0.019 min
Response: 2183725
Conc: 14.34 ng/ml



#29 AR-1254-4

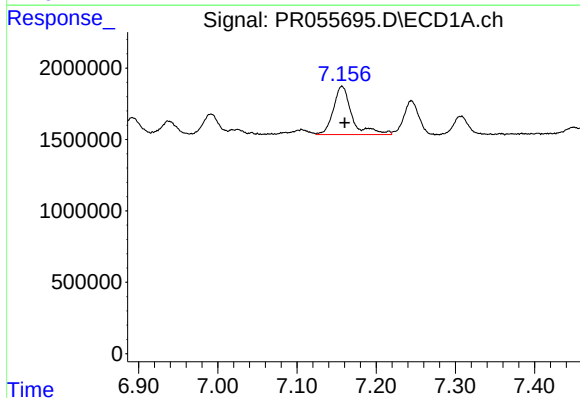
R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 400704
Conc: 3.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



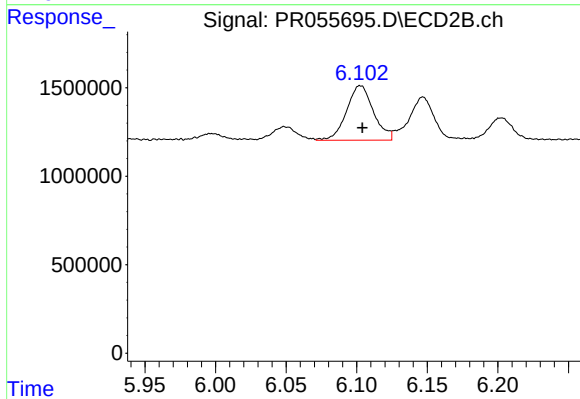
#29 AR-1254-4

R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 166538
Conc: 1.69 ng/ml



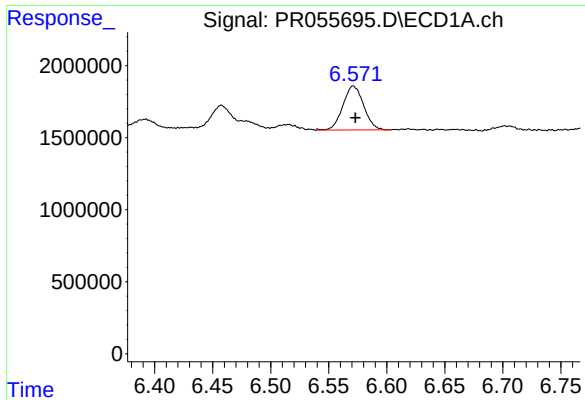
#30 AR-1254-5

R.T.: 7.157 min
Delta R.T.: -0.003 min
Response: 5510040
Conc: 50.82 ng/ml



#30 AR-1254-5

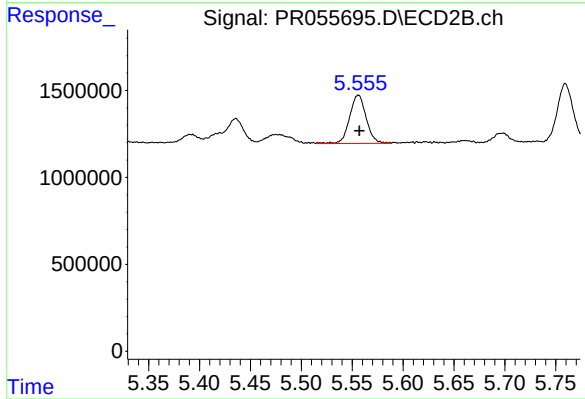
R.T.: 6.103 min
Delta R.T.: -0.001 min
Response: 4087997
Conc: 30.17 ng/ml



#31 AR-1260-1

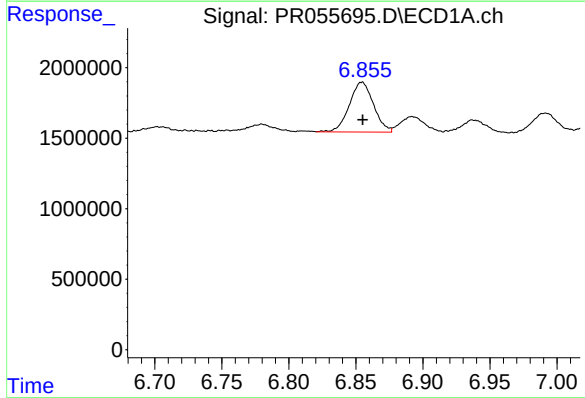
R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 3802105
Conc: 35.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



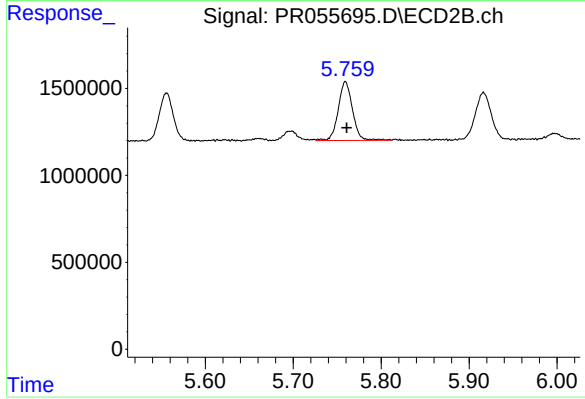
#31 AR-1260-1

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 3152623
Conc: 31.29 ng/ml



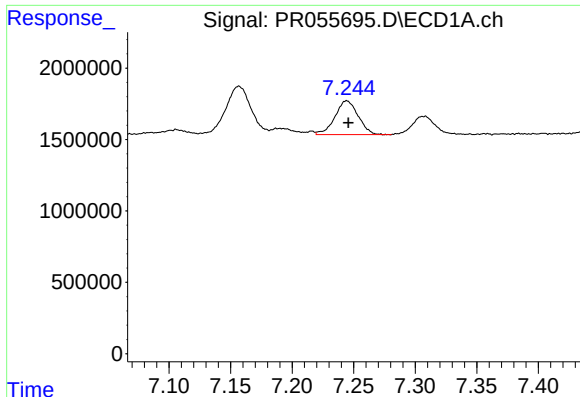
#32 AR-1260-2

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 4443347
Conc: 35.91 ng/ml



#32 AR-1260-2

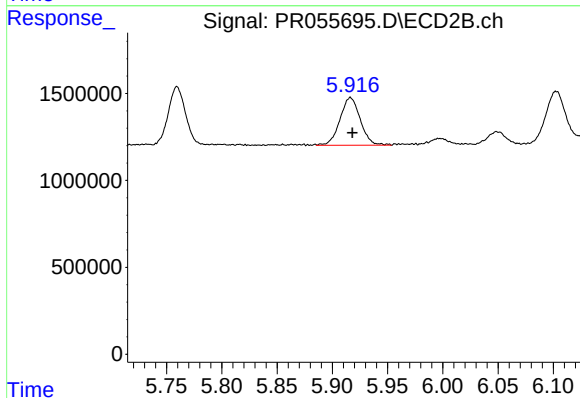
R.T.: 5.759 min
Delta R.T.: -0.002 min
Response: 3823540
Conc: 31.27 ng/ml



#33 AR-1260-3

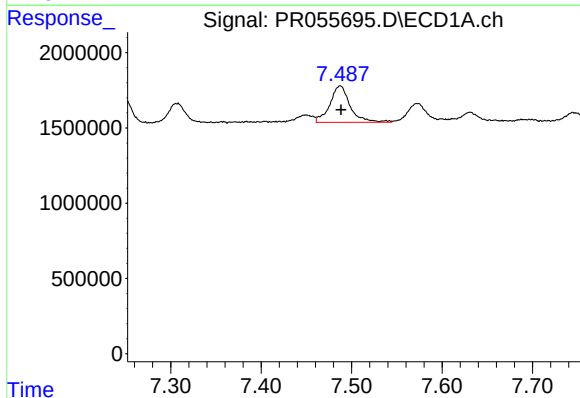
R.T.: 7.245 min
Delta R.T.: -0.001 min
Response: 3107941
Conc: 34.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



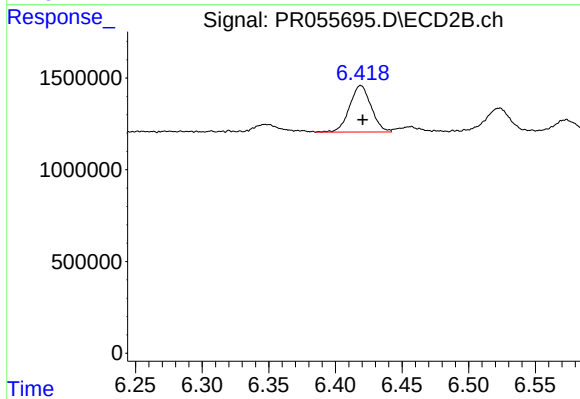
#33 AR-1260-3

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 3507697
Conc: 31.02 ng/ml



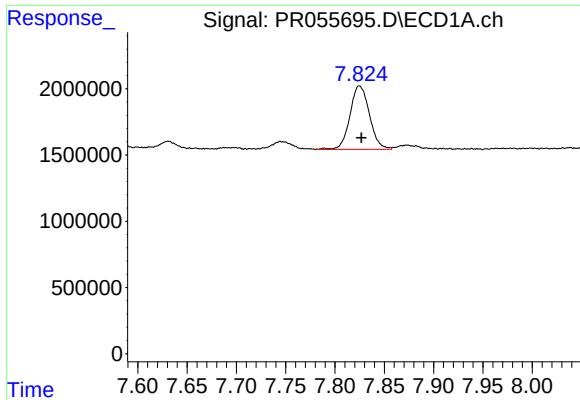
#34 AR-1260-4

R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 3777691
Conc: 36.79 ng/ml



#34 AR-1260-4

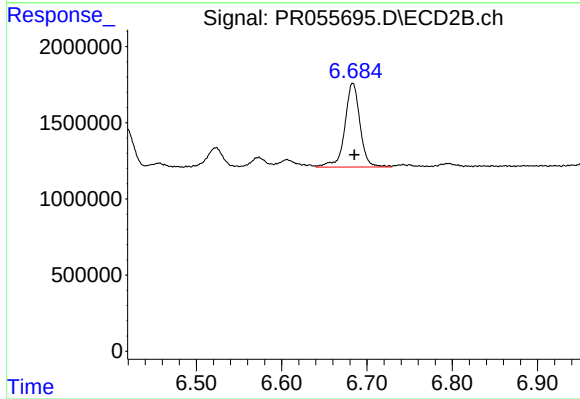
R.T.: 6.419 min
Delta R.T.: -0.002 min
Response: 2858849
Conc: 29.87 ng/ml



#35 AR-1260-5

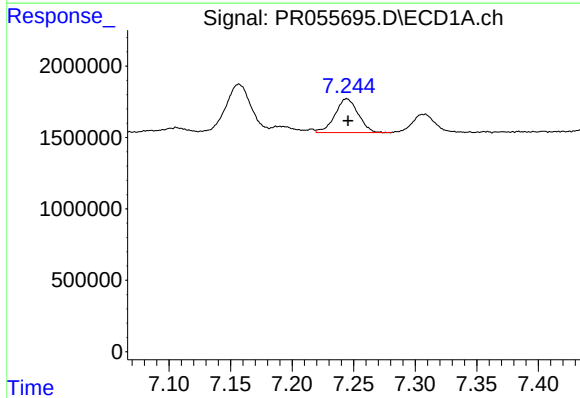
R.T.: 7.825 min
Delta R.T.: -0.002 min
Response: 6616525
Conc: 34.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



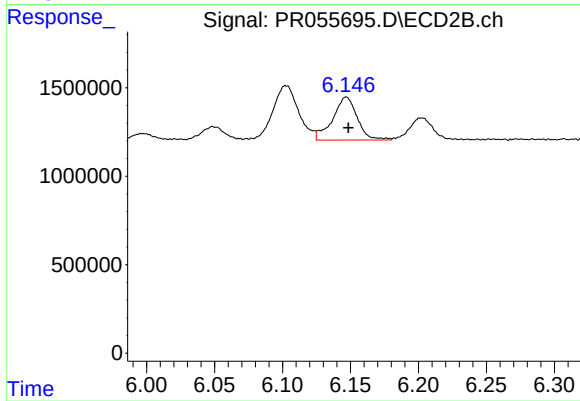
#35 AR-1260-5

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 6818191
Conc: 30.36 ng/ml



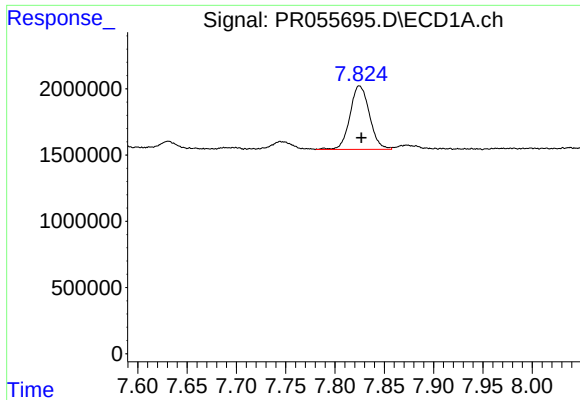
#36 AR-1262-1

R.T.: 7.245 min
Delta R.T.: 0.000 min
Response: 3107941
Conc: 25.00 ng/ml



#36 AR-1262-1

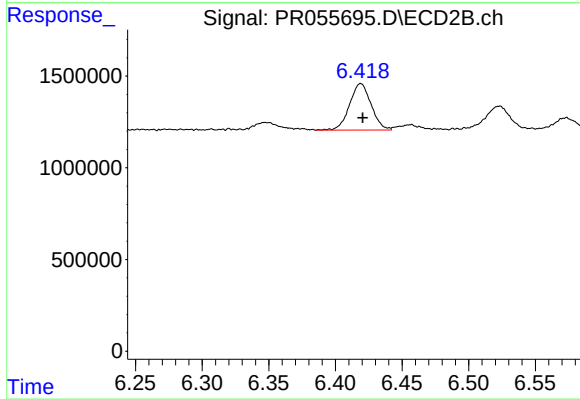
R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 3066626
Conc: 22.80 ng/ml



#37 AR-1262-2

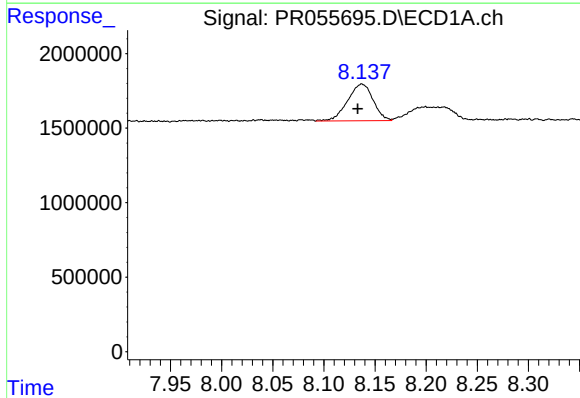
R.T.: 7.825 min
Delta R.T.: -0.002 min
Response: 6616525
Conc: 31.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



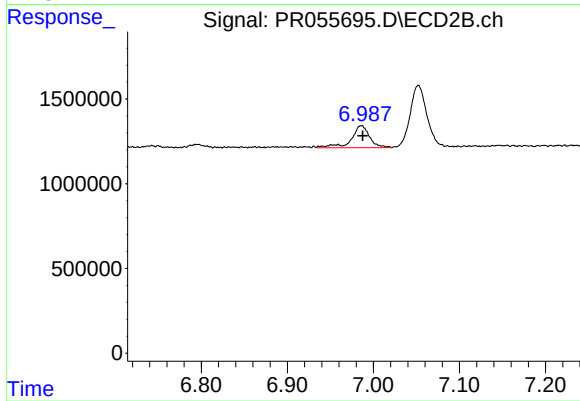
#37 AR-1262-2

R.T.: 6.419 min
Delta R.T.: -0.001 min
Response: 2858849
Conc: 23.43 ng/ml



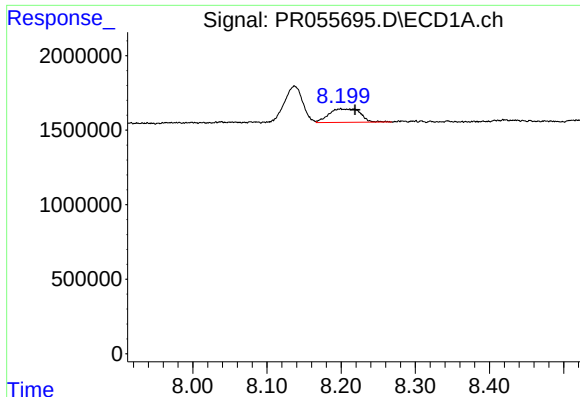
#38 AR-1262-3

R.T.: 8.137 min
Delta R.T.: 0.004 min
Response: 4266720
Conc: 28.94 ng/ml



#38 AR-1262-3

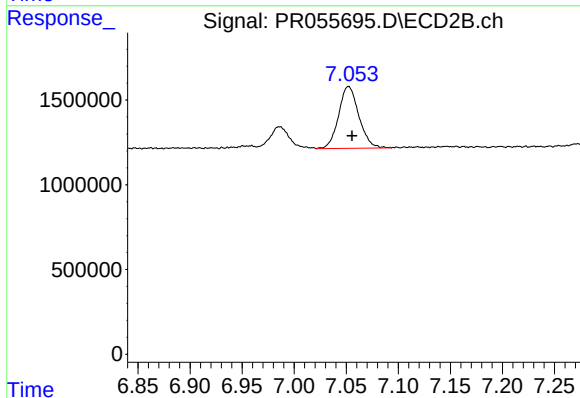
R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 1930987
Conc: 20.06 ng/ml



#39 AR-1262-4

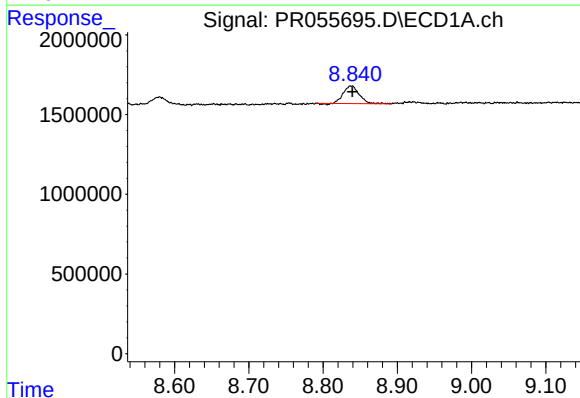
R.T.: 8.200 min
Delta R.T.: -0.019 min
Response: 2686001
Conc: 42.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



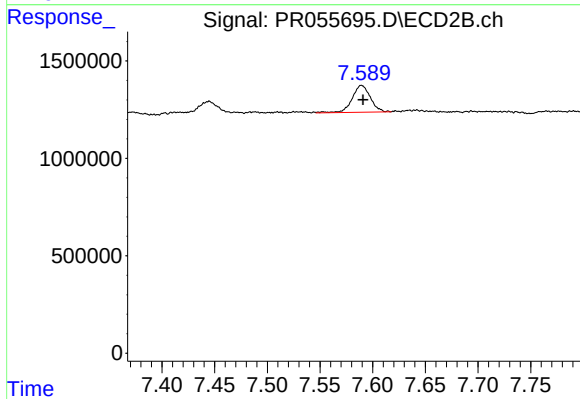
#39 AR-1262-4

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 4926761
Conc: 27.08 ng/ml



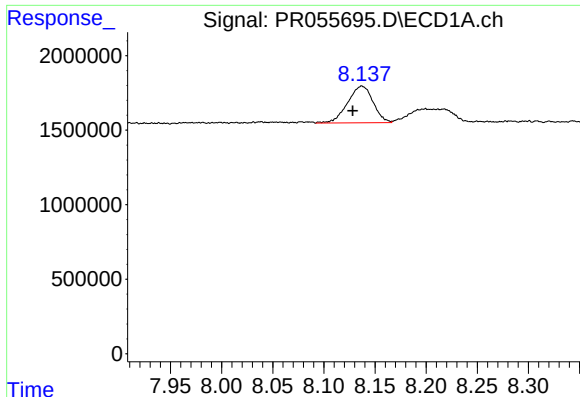
#40 AR-1262-5

R.T.: 8.838 min
Delta R.T.: -0.001 min
Response: 1618924
Conc: 20.44 ng/ml



#40 AR-1262-5

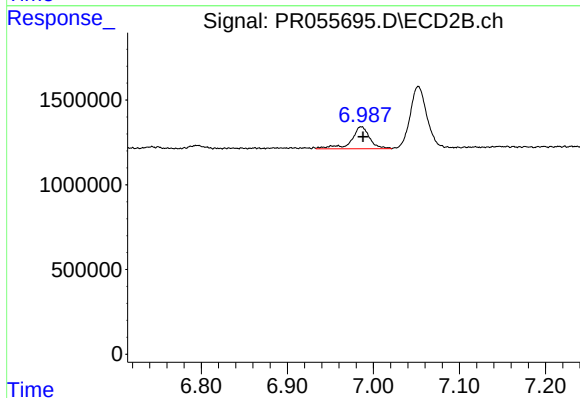
R.T.: 7.589 min
Delta R.T.: -0.002 min
Response: 1649171
Conc: 19.24 ng/ml



#41 AR-1268-1

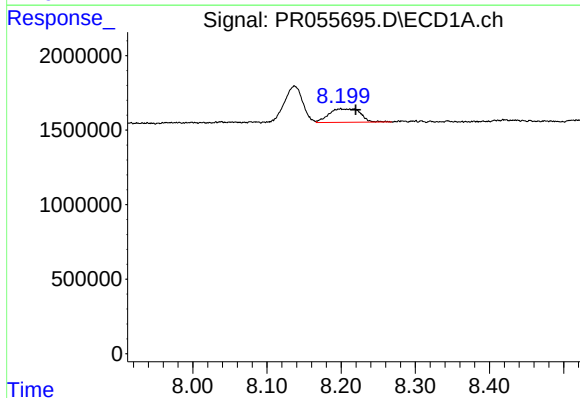
R.T.: 8.137 min
Delta R.T.: 0.009 min
Response: 4266720
Conc: 17.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



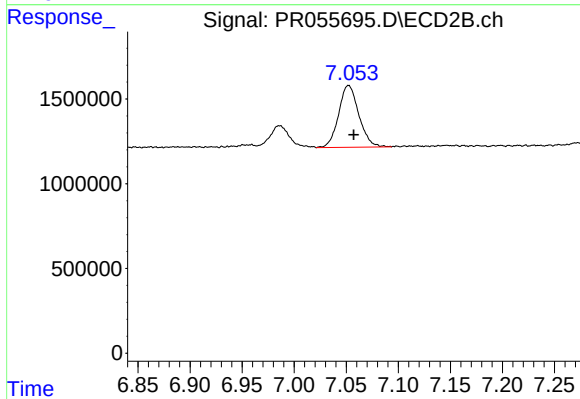
#41 AR-1268-1

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 1930987
Conc: 6.86 ng/ml



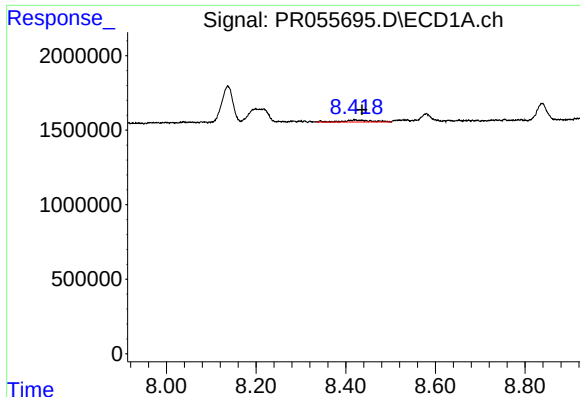
#42 AR-1268-2

R.T.: 8.200 min
Delta R.T.: -0.020 min
Response: 2686001
Conc: 11.76 ng/ml



#42 AR-1268-2

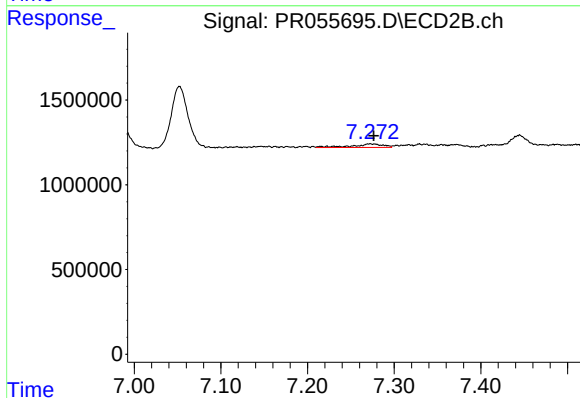
R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 4926761
Conc: 19.26 ng/ml



#43 AR-1268-3

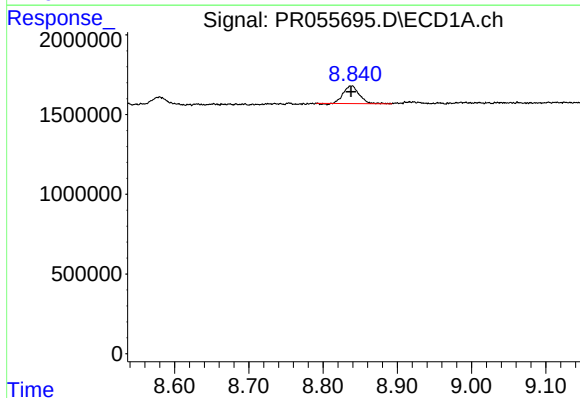
R.T.: 8.421 min
Delta R.T.: -0.016 min
Response: 541500
Conc: 2.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



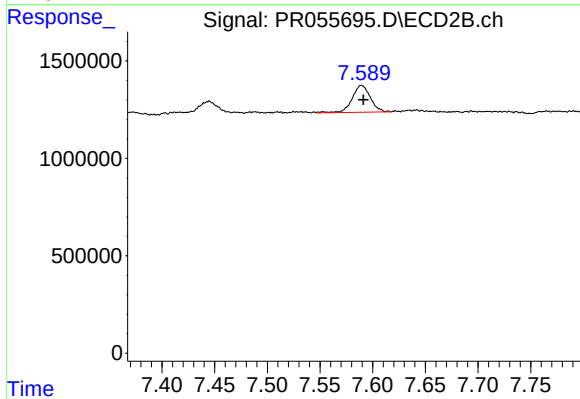
#43 AR-1268-3

R.T.: 7.272 min
Delta R.T.: -0.004 min
Response: 512831
Conc: 2.38 ng/ml



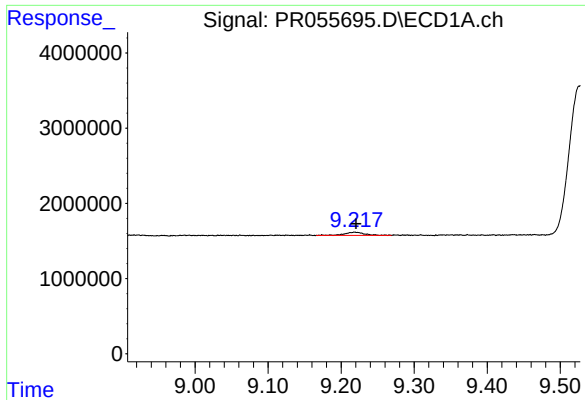
#44 AR-1268-4

R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 1618924
Conc: 18.36 ng/ml



#44 AR-1268-4

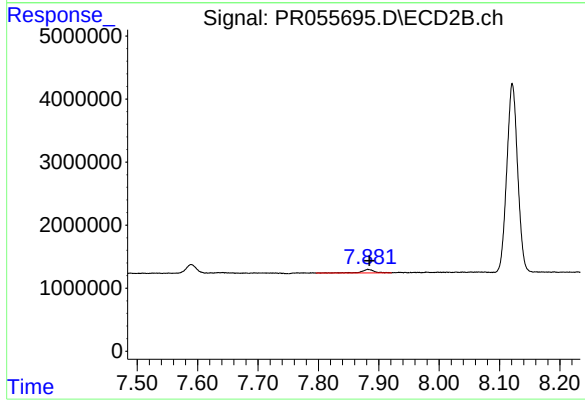
R.T.: 7.589 min
Delta R.T.: -0.002 min
Response: 1649171
Conc: 17.36 ng/ml



#45 AR-1268-5

R.T.: 9.219 min
Delta R.T.: -0.001 min
Response: 838933
Conc: 1.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.882 min
Delta R.T.: -0.002 min
Response: 851066
Conc: 1.25 ng/ml