

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071422\
 Data File : PR055286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2022 17:12
 Operator : AJ\MA
 Sample : N3680-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 06:32:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 27 17:05:06 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...	3.638	2.909	67002117	32009826	18.421	19.174
2)	SA Decachlor...	9.536	8.136	88053029	85371273	61.067	60.762
Target Compounds							
3)	L1 AR-1016-1	4.854	4.052f	1746908	2108603	17.078	36.776 #
4)	L1 AR-1016-2	0.000	4.052	0	2108603	N.D.	26.994 #
5)	L1 AR-1016-3	4.955	4.223	284854	4304632	3.261	101.168 #
6)	L1 AR-1016-4	5.047	4.262	1491014	1921110	20.555	58.133 #
7)	L1 AR-1016-5	5.345f	4.500	2261736	4142166	35.068	98.046 #
8)	L2 AR-1221-1	0.000	3.127	0	280520	N.D.	13.569 #
9)	L2 AR-1221-2	3.949	3.211	1424425	537508	43.422	34.109
10)	L2 AR-1221-3	4.044f	3.297	1697023	259799	16.791	5.378 #
11)	L3 AR-1232-1	4.044f	3.297	1697023	259799	18.296	5.883 #
12)	L3 AR-1232-2	4.572	4.052	7232367	2108603	165.850	52.543 #
13)	L3 AR-1232-3	0.000	4.223	0	4304632	N.D.	186.242 #
14)	L3 AR-1232-4	5.047	4.311	1491014	2990082	41.777	161.699 #
15)	L3 AR-1232-5	5.145	4.500	2042120	4142166	75.523	184.710 #
16)	L4 AR-1242-1	4.854	3.997f	1746908	4489516	20.279	93.699 #
17)	L4 AR-1242-2	0.000	4.052	0	2108603	N.D.	32.379 #
18)	L4 AR-1242-3	4.955	4.223	284854	4304632	3.907	121.727 #
19)	L4 AR-1242-4	5.047	4.311	1491014	2990082	25.182	90.862 #
20)	L4 AR-1242-5	5.839	4.847	8655166	5779078	165.267	133.688
21)	L5 AR-1248-1	4.854	4.052f	1746908	2108603	25.959	58.979 #
22)	L5 AR-1248-2	5.145	4.262	2042120	1921110	24.823	40.512 #
23)	L5 AR-1248-3	5.345f	4.311	2261736	2990082	25.274	62.849 #
24)	L5 AR-1248-4	0.000	4.500	0	4142166	N.D.	70.250 #
25)	L5 AR-1248-5	5.839	4.889	8655166	1565360	100.637	27.095 #
26)	L6 AR-1254-1	5.767	4.847	14498790	5779078	155.740	66.067 #
27)	L6 AR-1254-2	6.004	5.007	17561181	8099658	134.421	105.001
28)	L6 AR-1254-3	6.396	5.425	22820425	17543066	180.655	142.318
29)	L6 AR-1254-4	6.707	5.670	13138066	6234572	141.680	79.225 #
30)	L6 AR-1254-5	7.190f	6.114	150.8E6	135.7E6	1534.354	1186.220
31)	L7 AR-1260-1	6.576	5.564	20177053	15976431	231.726	202.146
32)	L7 AR-1260-2	6.857	5.768	31416290	22573342	313.608	239.523
33)	L7 AR-1260-3	7.249	5.924	14247805	11791964	212.283	132.060 #
34)	L7 AR-1260-4	7.492	6.429	28621826	9015487	355.728	130.977 #
35)	L7 AR-1260-5	7.831	6.694	20827553	16802788	135.973	102.421
36)	L8 AR-1262-1	7.249	6.161	14247805	14451006	137.723	135.069
37)	L8 AR-1262-2	7.831	6.429	20827553	9015487	115.676	92.630
38)	L8 AR-1262-3	8.141	6.998	23750478	9699437	190.497	126.385 #
39)	L8 AR-1262-4	8.222	7.064	14973501	17805380	267.585	121.746 #
40)	L8 AR-1262-5	8.844	7.599	7530382	9822222	110.130	142.280 #
41)	L9 AR-1268-1	8.141	6.998	23750478	9699437	117.677	44.517 #

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 ALS Vial : 10 Sample Multiplier: 1

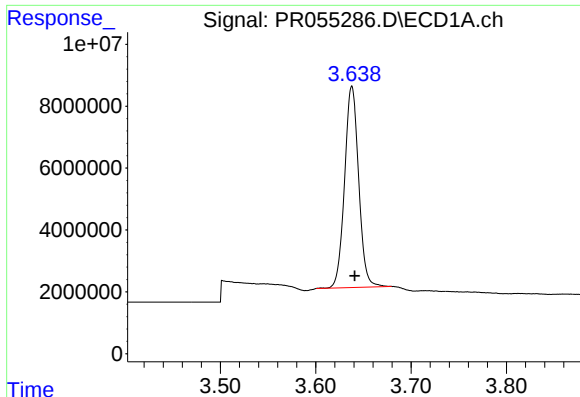
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 06:32:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062722.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	8.222	7.064	14973501	17805380	80.696	88.911
43) L9	AR-1268-3	8.441	7.287	18681215	16793451	119.855	100.833
44) L9	AR-1268-4	8.844	7.599	7530382	9822222	102.774	131.839 #
45) L9	AR-1268-5	9.227	7.896	39613071	37378398	79.225	70.315

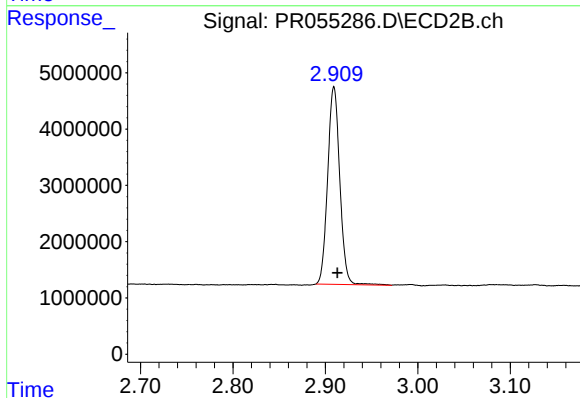
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

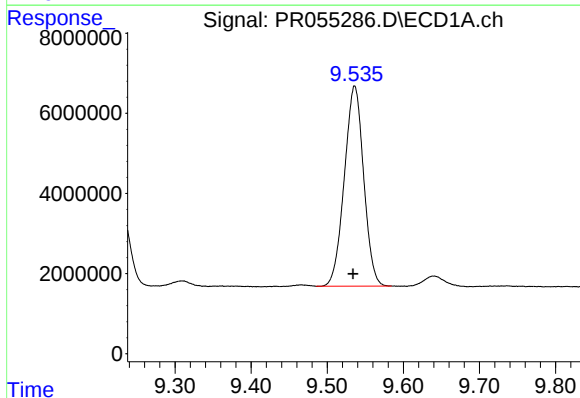
R.T.: 3.638 min
Delta R.T.: -0.003 min
Response: 67002117
Conc: 18.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



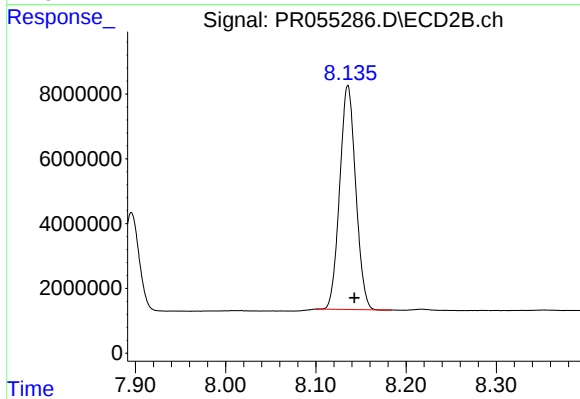
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: -0.004 min
Response: 32009826
Conc: 19.17 ng/ml



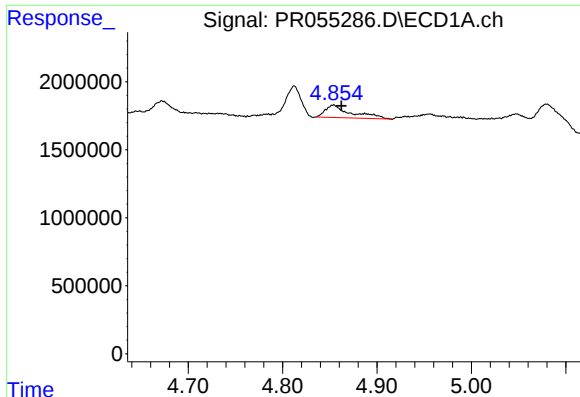
#2 Decachlorobiphenyl

R.T.: 9.536 min
Delta R.T.: 0.002 min
Response: 88053029
Conc: 61.07 ng/ml



#2 Decachlorobiphenyl

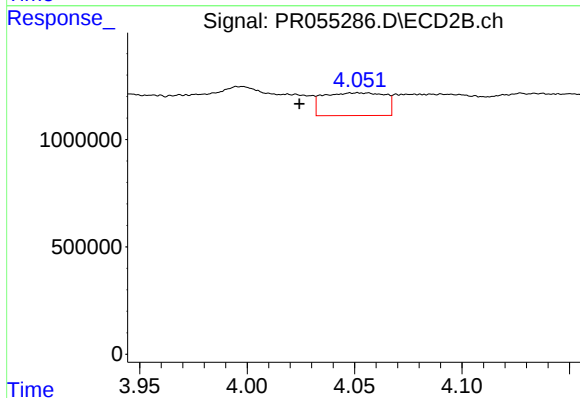
R.T.: 8.136 min
Delta R.T.: -0.007 min
Response: 85371273
Conc: 60.76 ng/ml



#3 AR-1016-1

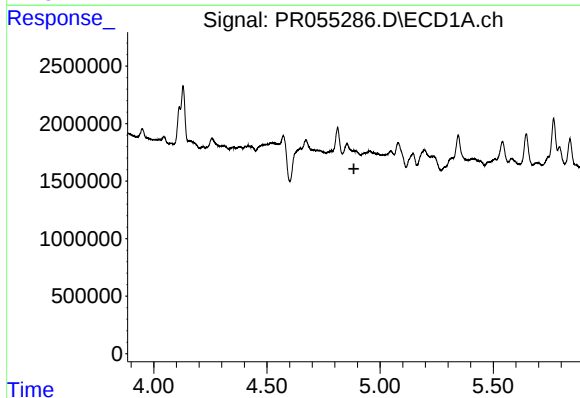
R.T.: 4.854 min
Delta R.T.: -0.009 min
Response: 1746908
Conc: 17.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



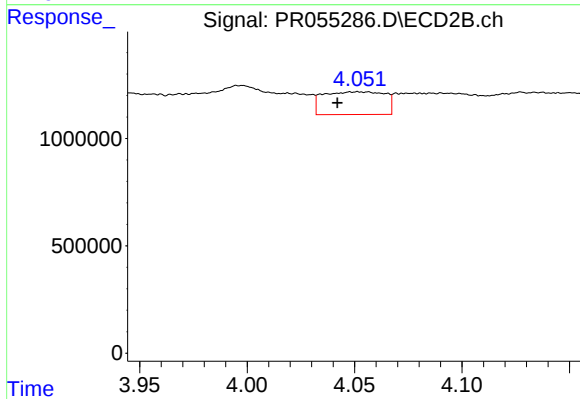
#3 AR-1016-1

R.T.: 4.052 min
Delta R.T.: 0.027 min
Response: 2108603
Conc: 36.78 ng/ml



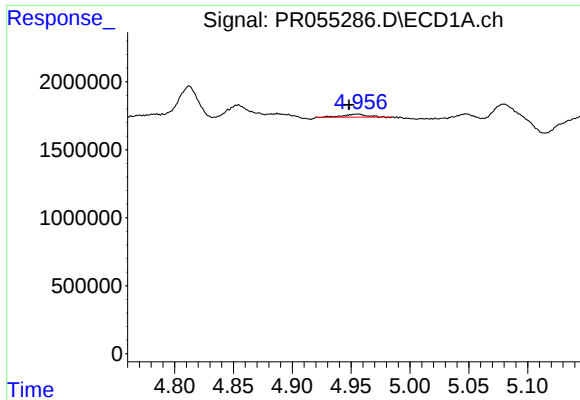
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#4 AR-1016-2

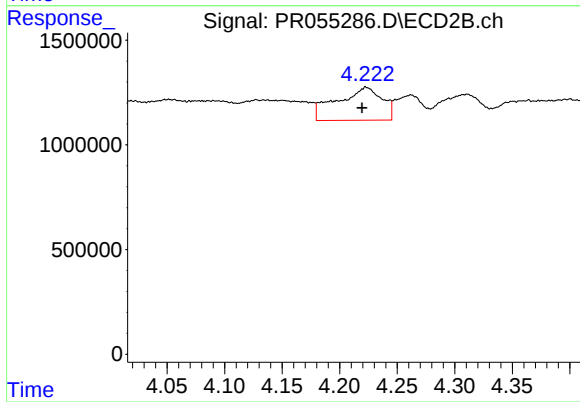
R.T.: 4.052 min
Delta R.T.: 0.010 min
Response: 2108603
Conc: 26.99 ng/ml



#5 AR-1016-3

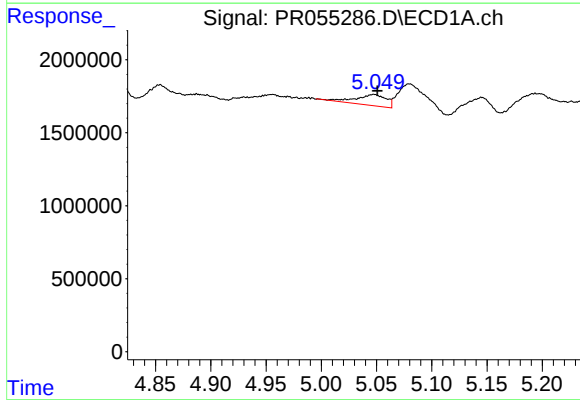
R.T.: 4.955 min
Delta R.T.: 0.007 min
Response: 284854
Conc: 3.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



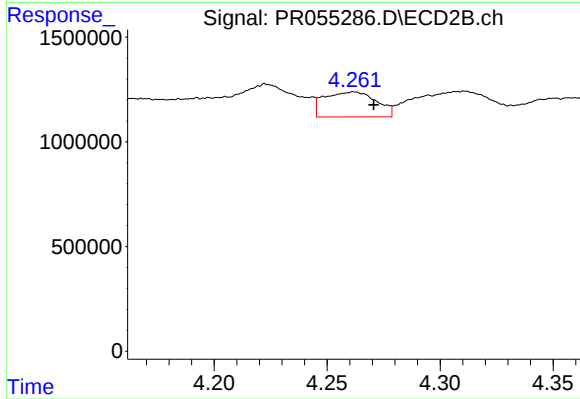
#5 AR-1016-3

R.T.: 4.223 min
Delta R.T.: 0.004 min
Response: 4304632
Conc: 101.17 ng/ml



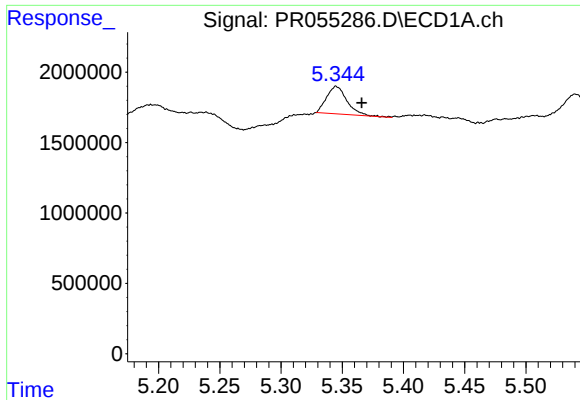
#6 AR-1016-4

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 1491014
Conc: 20.55 ng/ml



#6 AR-1016-4

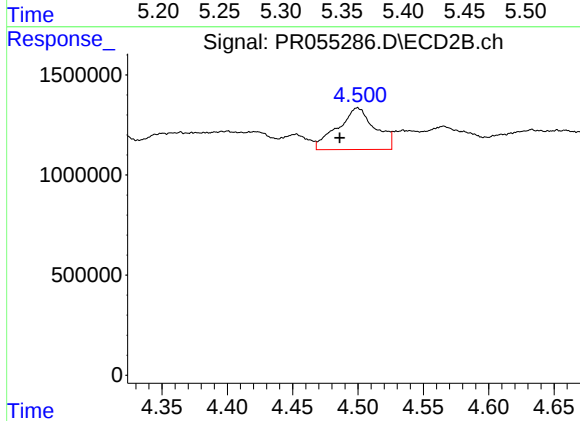
R.T.: 4.262 min
Delta R.T.: -0.009 min
Response: 1921110
Conc: 58.13 ng/ml



#7 AR-1016-5

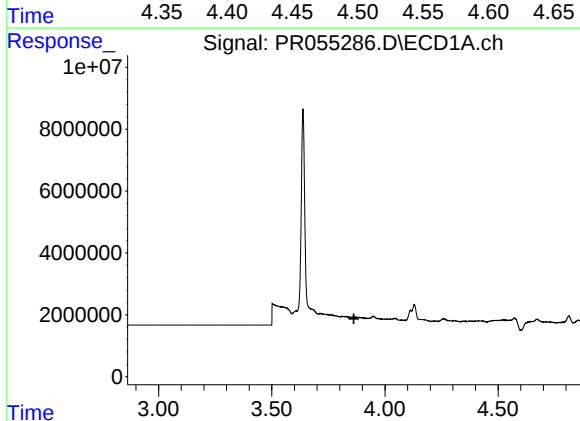
R.T.: 5.345 min
Delta R.T.: -0.021 min
Response: 2261736
Conc: 35.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



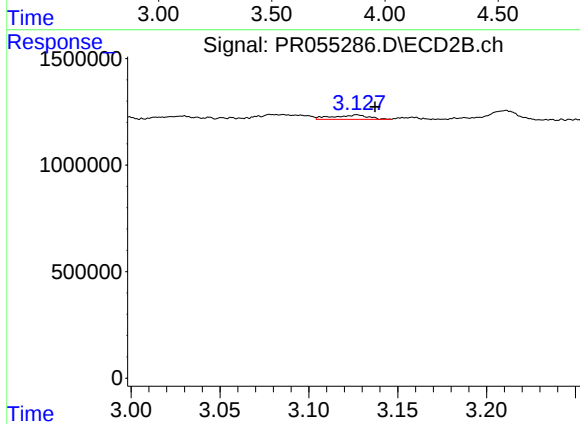
#7 AR-1016-5

R.T.: 4.500 min
Delta R.T.: 0.014 min
Response: 4142166
Conc: 98.05 ng/ml



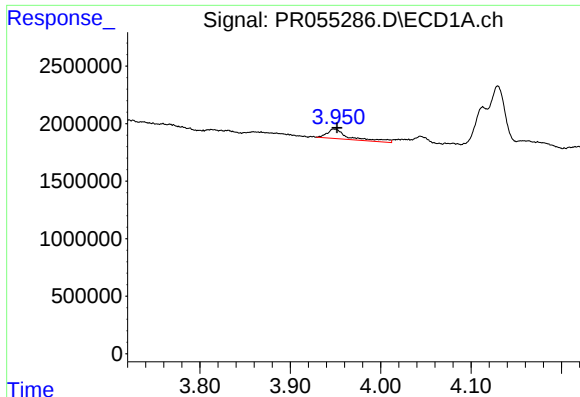
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



#8 AR-1221-1

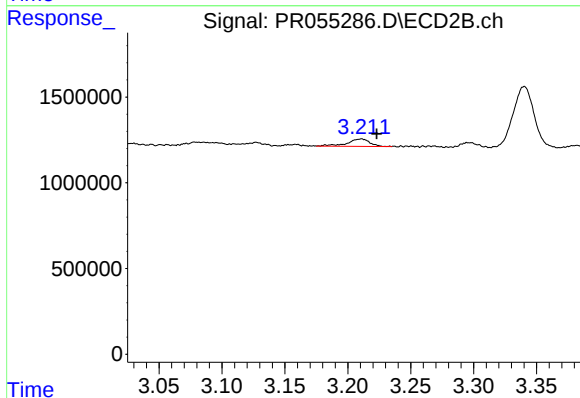
R.T.: 3.127 min
Delta R.T.: -0.010 min
Response: 280520
Conc: 13.57 ng/ml



#9 AR-1221-2

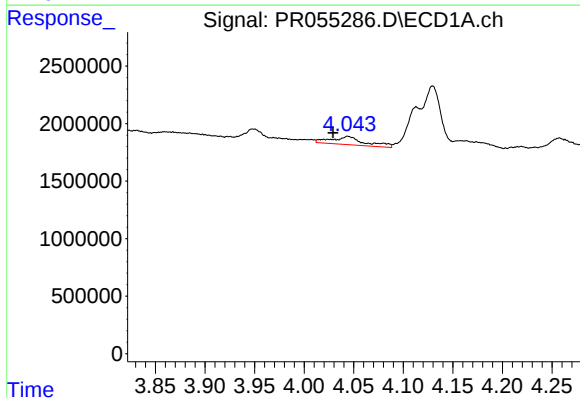
R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 1424425
Conc: 43.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



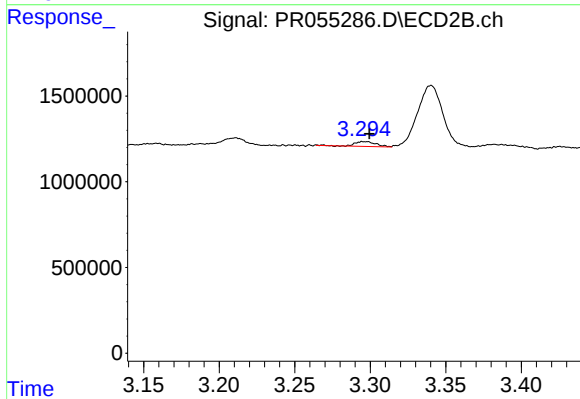
#9 AR-1221-2

R.T.: 3.211 min
Delta R.T.: -0.012 min
Response: 537508
Conc: 34.11 ng/ml



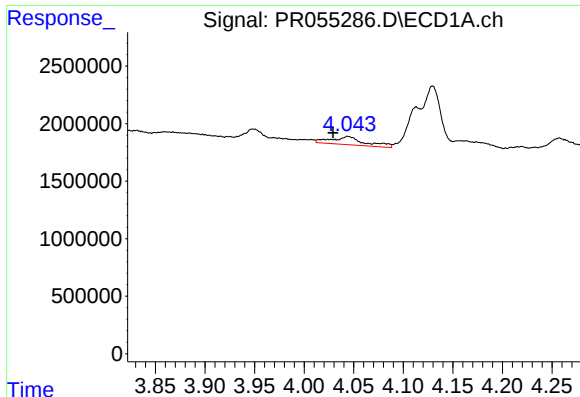
#10 AR-1221-3

R.T.: 4.044 min
Delta R.T.: 0.015 min
Response: 1697023
Conc: 16.79 ng/ml



#10 AR-1221-3

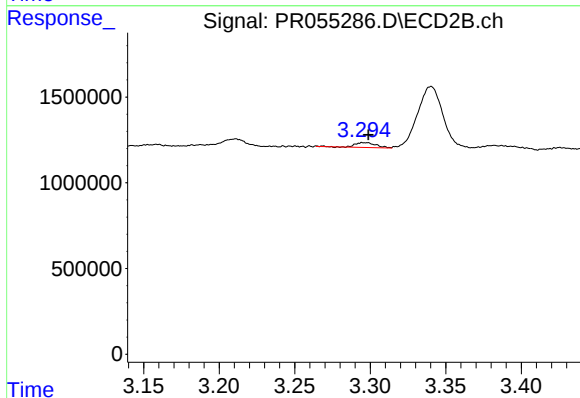
R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 259799
Conc: 5.38 ng/ml



#11 AR-1232-1

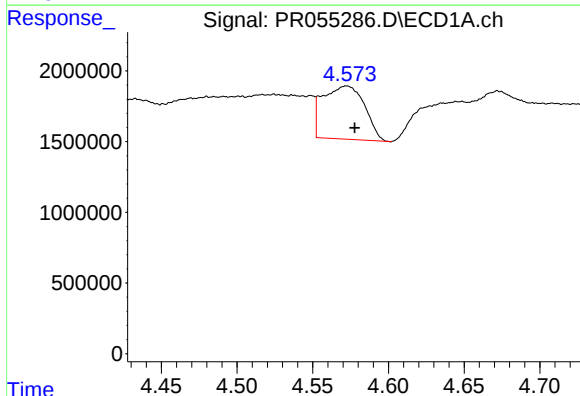
R.T.: 4.044 min
Delta R.T.: 0.015 min
Response: 1697023
Conc: 18.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



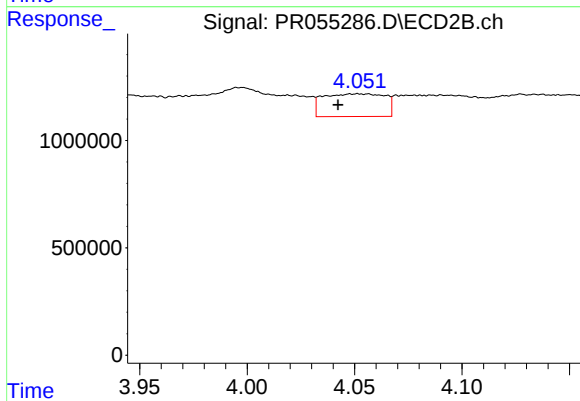
#11 AR-1232-1

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 259799
Conc: 5.88 ng/ml



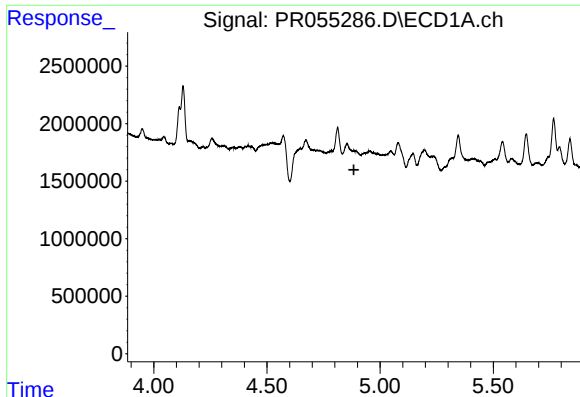
#12 AR-1232-2

R.T.: 4.572 min
Delta R.T.: -0.006 min
Response: 7232367
Conc: 165.85 ng/ml



#12 AR-1232-2

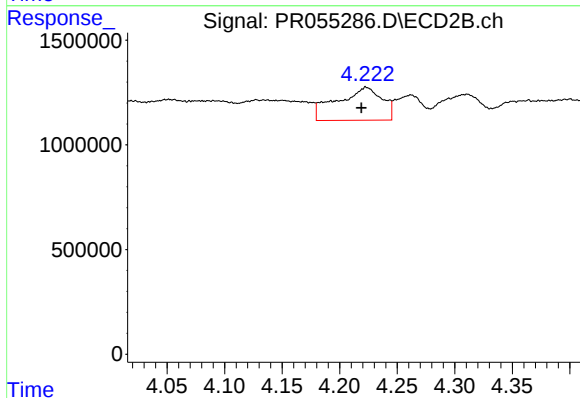
R.T.: 4.052 min
Delta R.T.: 0.009 min
Response: 2108603
Conc: 52.54 ng/ml



#13 AR-1232-3

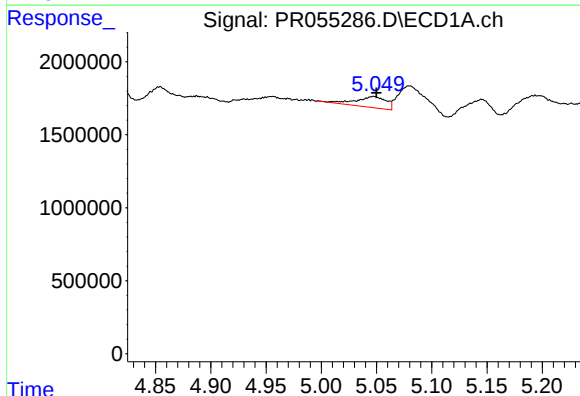
R.T.: 0.000 min
Exp R.T.: 4.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



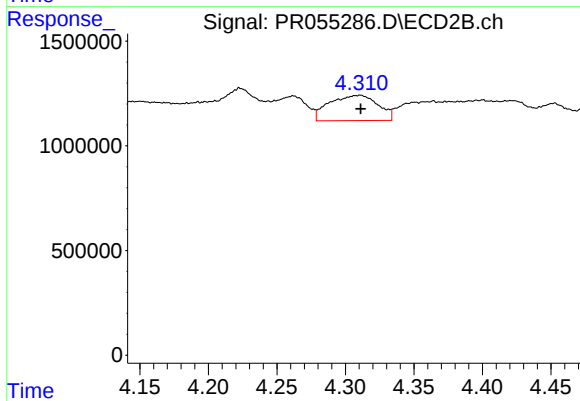
#13 AR-1232-3

R.T.: 4.223 min
Delta R.T.: 0.004 min
Response: 4304632
Conc: 186.24 ng/ml



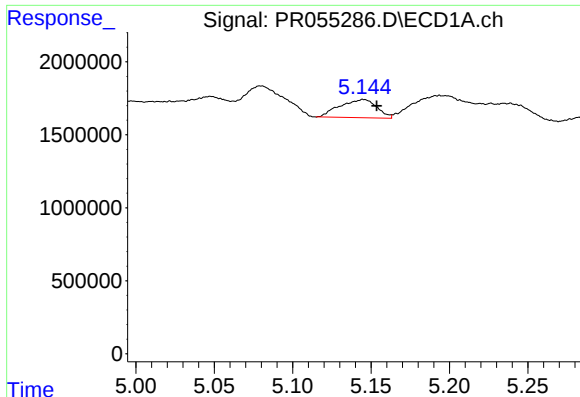
#14 AR-1232-4

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 1491014
Conc: 41.78 ng/ml



#14 AR-1232-4

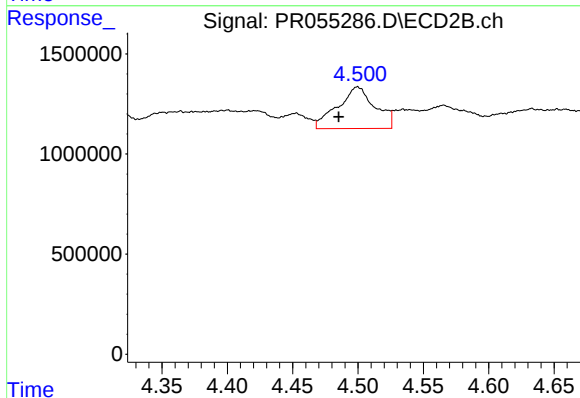
R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 2990082
Conc: 161.70 ng/ml



#15 AR-1232-5

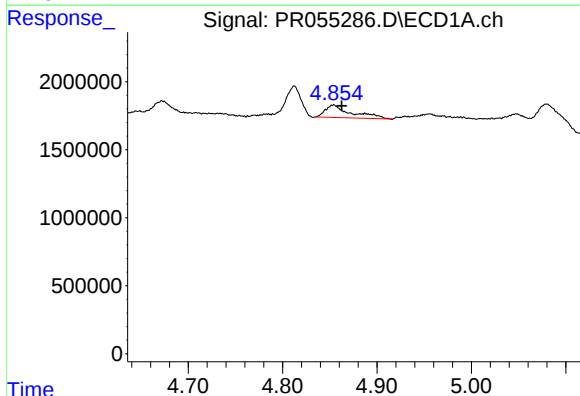
R.T.: 5.145 min
Delta R.T.: -0.009 min
Response: 2042120
Conc: 75.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



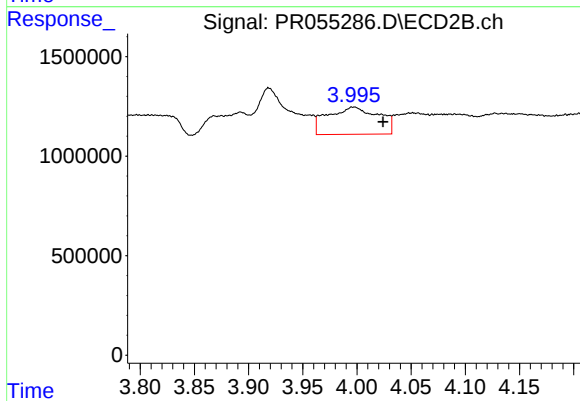
#15 AR-1232-5

R.T.: 4.500 min
Delta R.T.: 0.014 min
Response: 4142166
Conc: 184.71 ng/ml



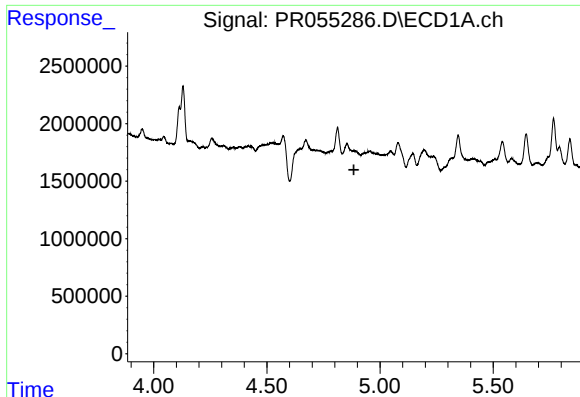
#16 AR-1242-1

R.T.: 4.854 min
Delta R.T.: -0.009 min
Response: 1746908
Conc: 20.28 ng/ml



#16 AR-1242-1

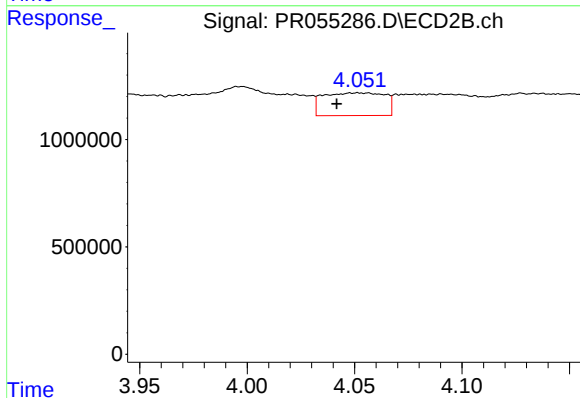
R.T.: 3.997 min
Delta R.T.: -0.027 min
Response: 4489516
Conc: 93.70 ng/ml



#17 AR-1242-2

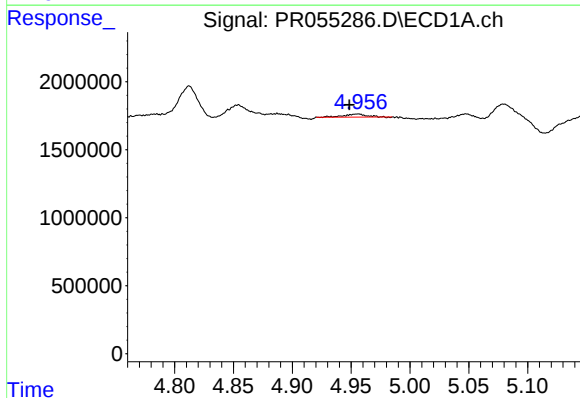
R.T.: 0.000 min
Exp R.T.: 4.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



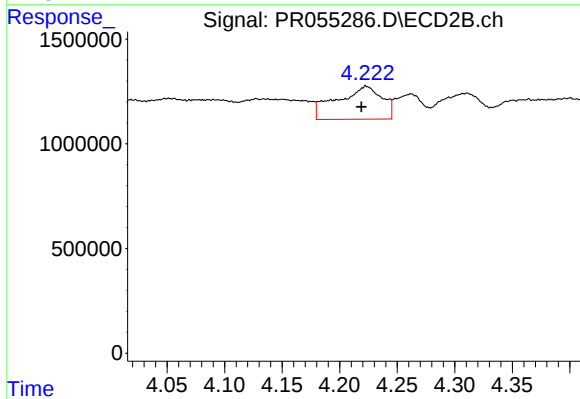
#17 AR-1242-2

R.T.: 4.052 min
Delta R.T.: 0.010 min
Response: 2108603
Conc: 32.38 ng/ml



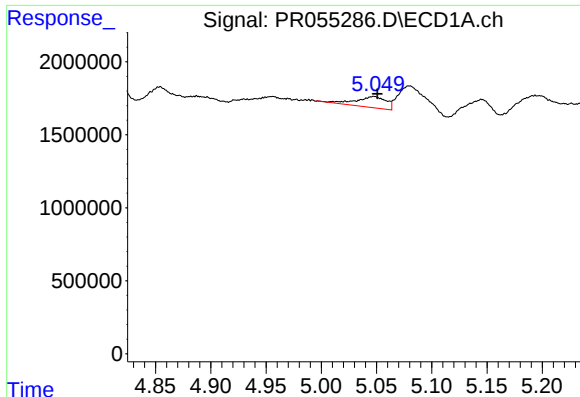
#18 AR-1242-3

R.T.: 4.955 min
Delta R.T.: 0.006 min
Response: 284854
Conc: 3.91 ng/ml



#18 AR-1242-3

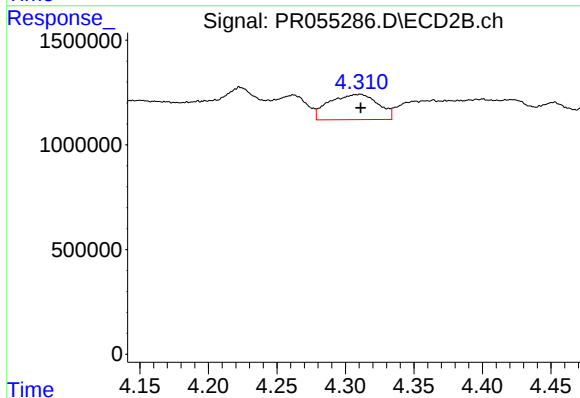
R.T.: 4.223 min
Delta R.T.: 0.004 min
Response: 4304632
Conc: 121.73 ng/ml



#19 AR-1242-4

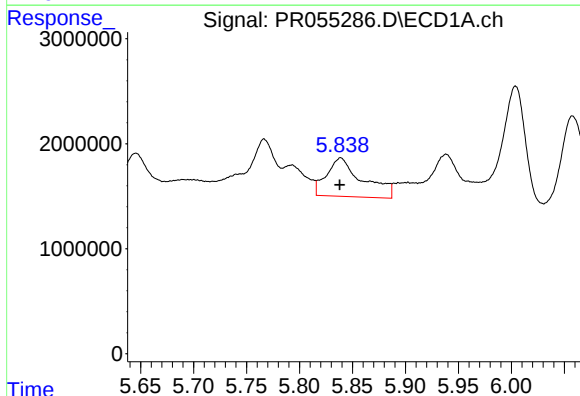
R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 1491014
Conc: 25.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



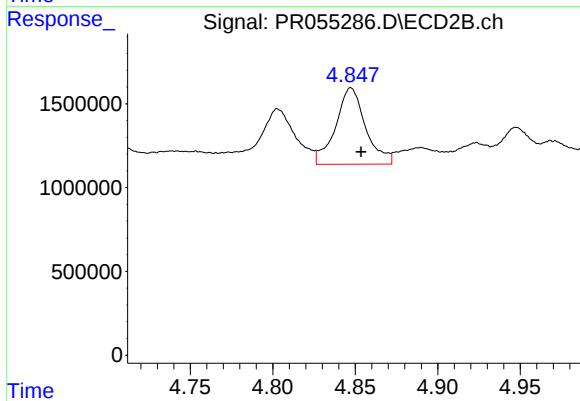
#19 AR-1242-4

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 2990082
Conc: 90.86 ng/ml



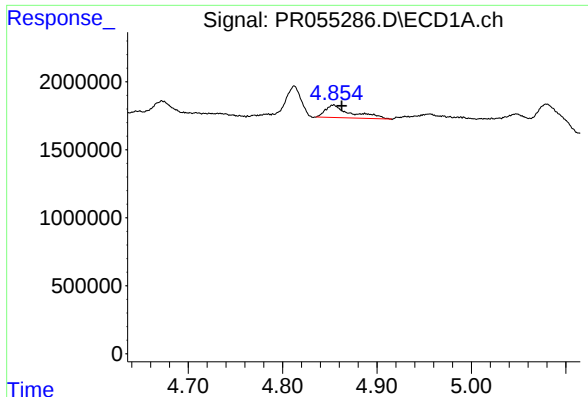
#20 AR-1242-5

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 8655166
Conc: 165.27 ng/ml



#20 AR-1242-5

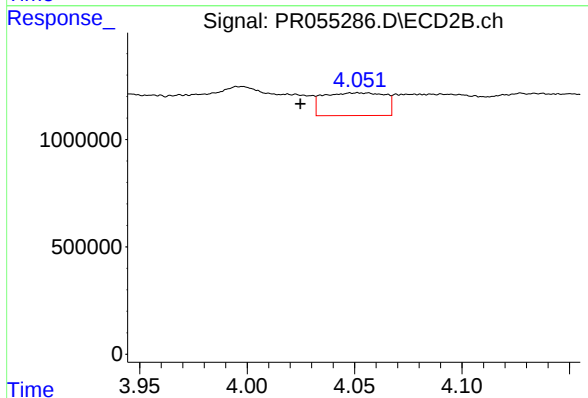
R.T.: 4.847 min
Delta R.T.: -0.006 min
Response: 5779078
Conc: 133.69 ng/ml



#21 AR-1248-1

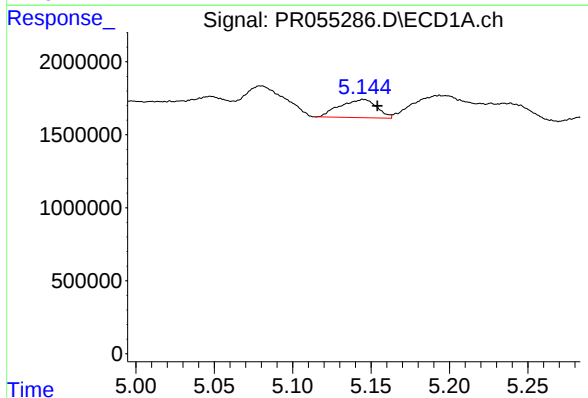
R.T.: 4.854 min
Delta R.T.: -0.009 min
Response: 1746908
Conc: 25.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



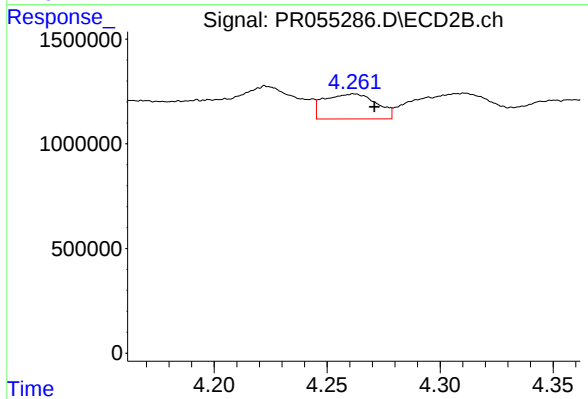
#21 AR-1248-1

R.T.: 4.052 min
Delta R.T.: 0.027 min
Response: 2108603
Conc: 58.98 ng/ml



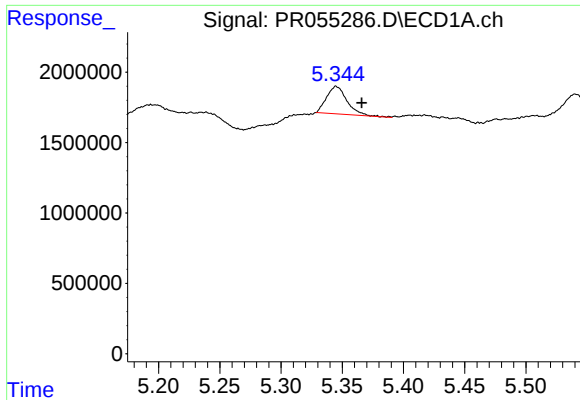
#22 AR-1248-2

R.T.: 5.145 min
Delta R.T.: -0.009 min
Response: 2042120
Conc: 24.82 ng/ml



#22 AR-1248-2

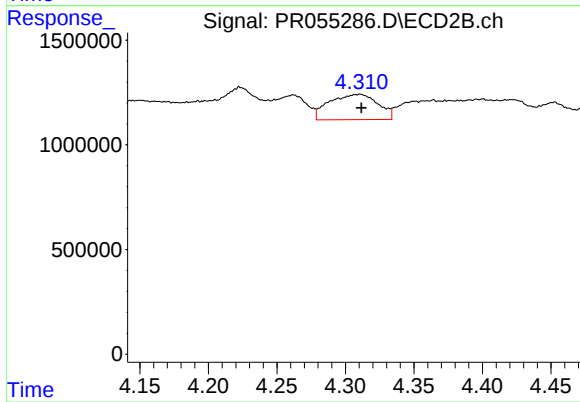
R.T.: 4.262 min
Delta R.T.: -0.009 min
Response: 1921110
Conc: 40.51 ng/ml



#23 AR-1248-3

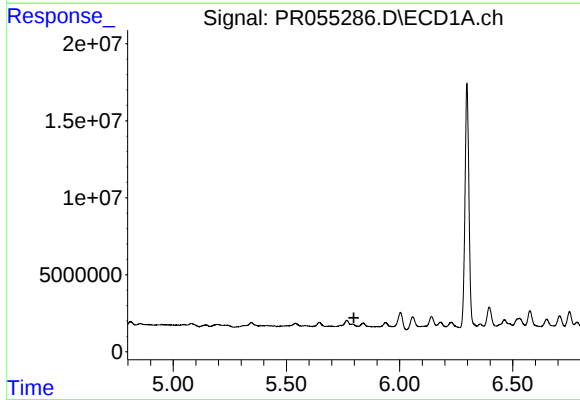
R.T.: 5.345 min
Delta R.T.: -0.021 min
Response: 2261736
Conc: 25.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



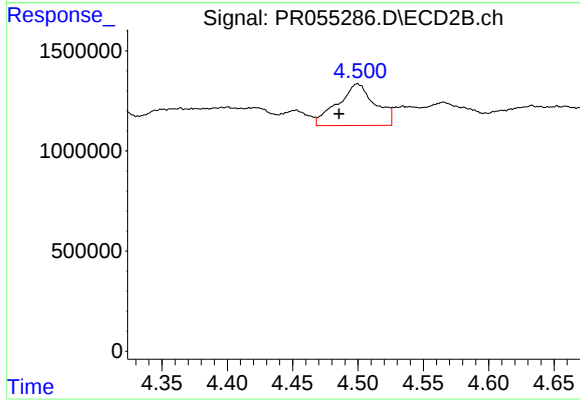
#23 AR-1248-3

R.T.: 4.311 min
Delta R.T.: -0.001 min
Response: 2990082
Conc: 62.85 ng/ml



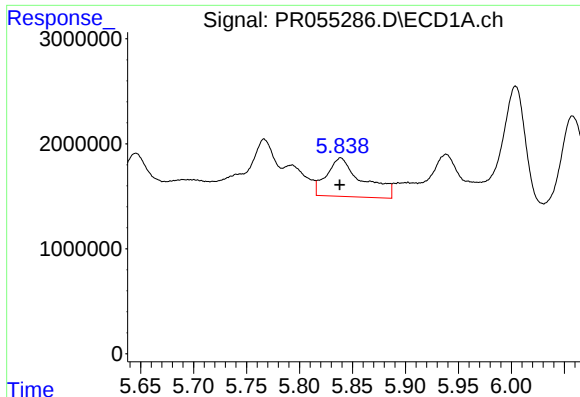
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.798 min
Response: 0
Conc: N.D.



#24 AR-1248-4

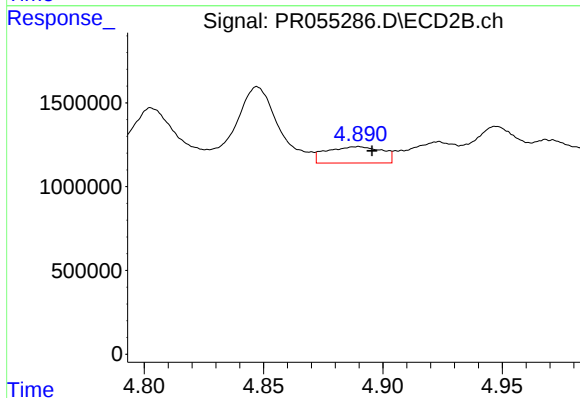
R.T.: 4.500 min
Delta R.T.: 0.014 min
Response: 4142166
Conc: 70.25 ng/ml



#25 AR-1248-5

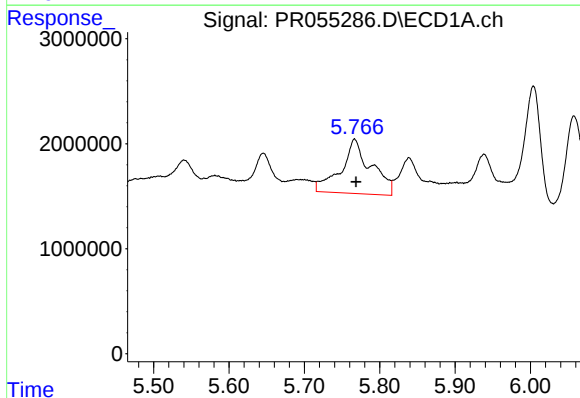
R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 8655166
Conc: 100.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



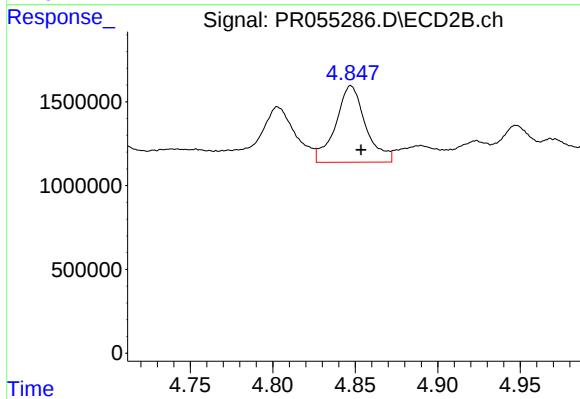
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 1565360
Conc: 27.09 ng/ml



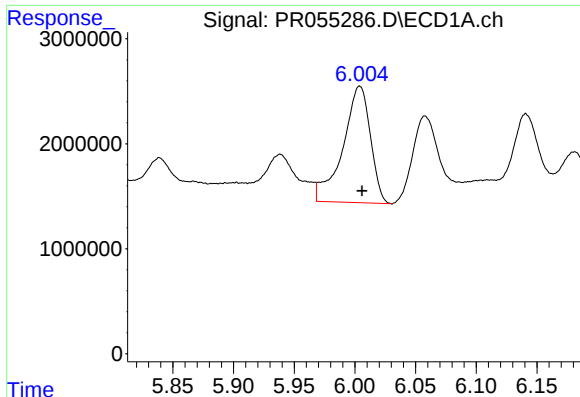
#26 AR-1254-1

R.T.: 5.767 min
Delta R.T.: -0.002 min
Response: 14498790
Conc: 155.74 ng/ml



#26 AR-1254-1

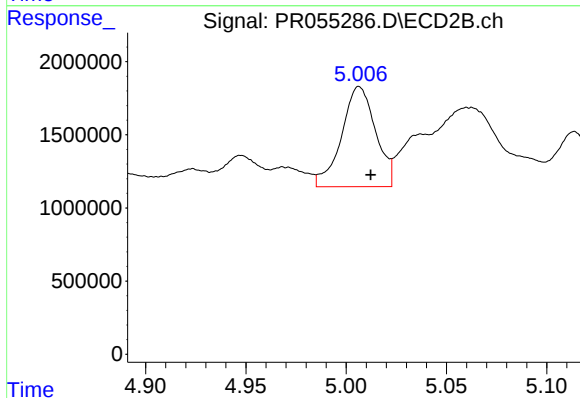
R.T.: 4.847 min
Delta R.T.: -0.006 min
Response: 5779078
Conc: 66.07 ng/ml



#27 AR-1254-2

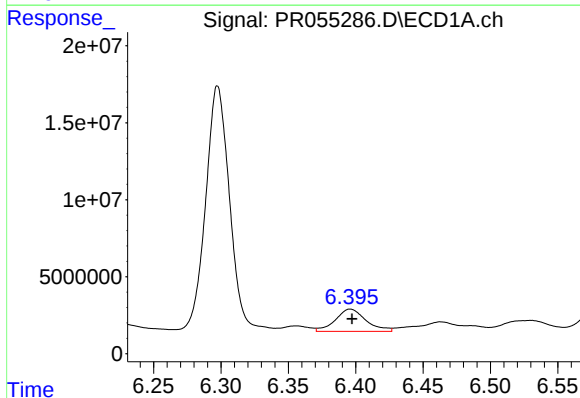
R.T.: 6.004 min
Delta R.T.: -0.002 min
Response: 17561181
Conc: 134.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



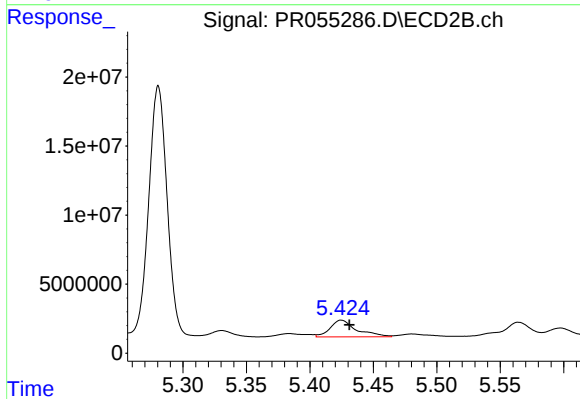
#27 AR-1254-2

R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 8099658
Conc: 105.00 ng/ml



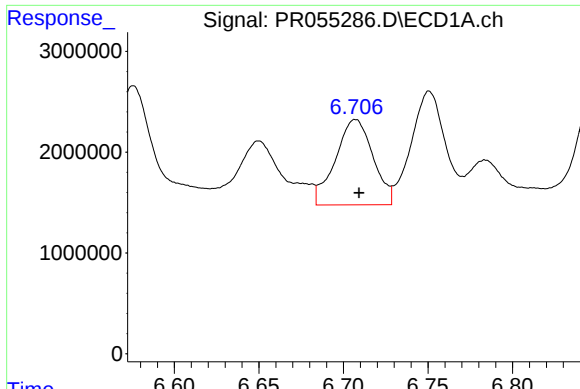
#28 AR-1254-3

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 22820425
Conc: 180.66 ng/ml



#28 AR-1254-3

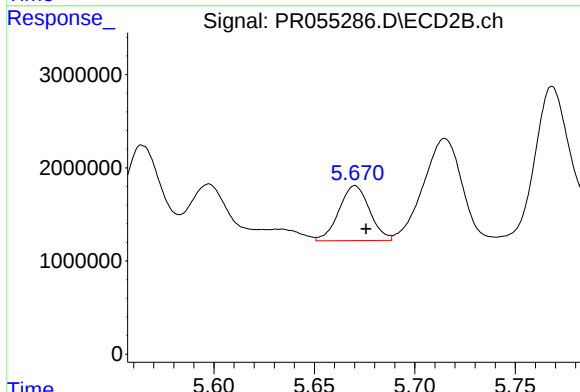
R.T.: 5.425 min
Delta R.T.: -0.006 min
Response: 17543066
Conc: 142.32 ng/ml



#29 AR-1254-4

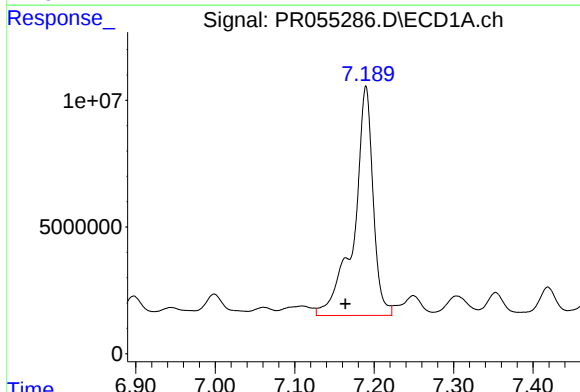
R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 13138066
Conc: 141.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



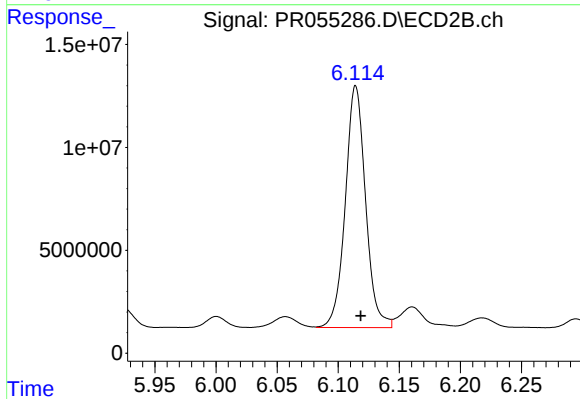
#29 AR-1254-4

R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 6234572
Conc: 79.23 ng/ml



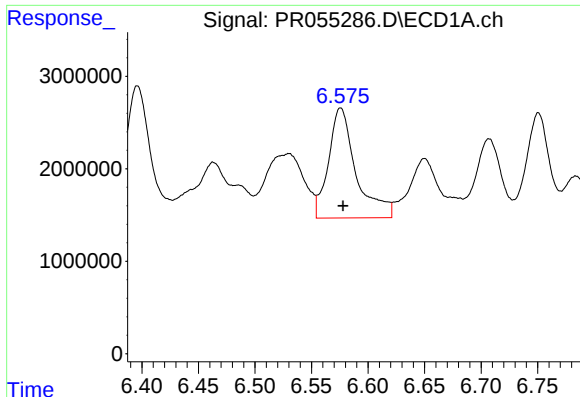
#30 AR-1254-5

R.T.: 7.190 min
Delta R.T.: 0.026 min
Response: 150834716
Conc: 1534.35 ng/ml



#30 AR-1254-5

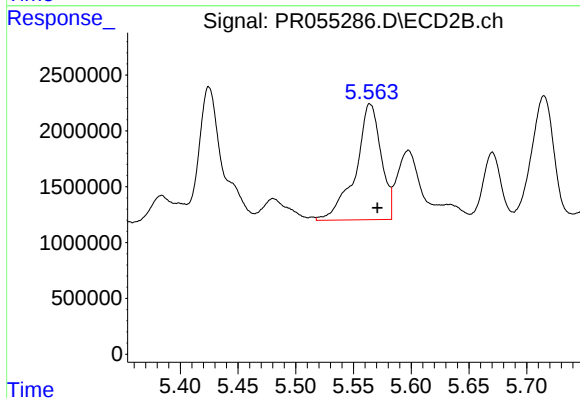
R.T.: 6.114 min
Delta R.T.: -0.004 min
Response: 135702556
Conc: 1186.22 ng/ml



#31 AR-1260-1

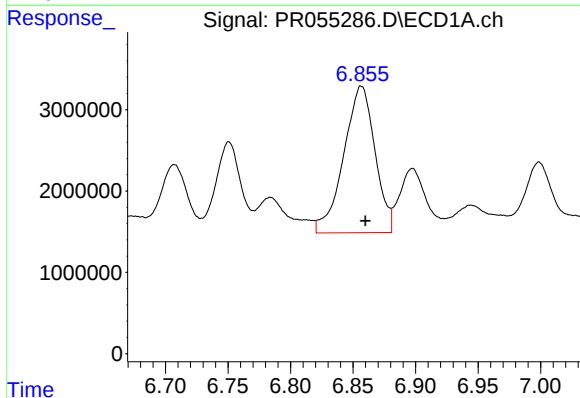
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 20177053
Conc: 231.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



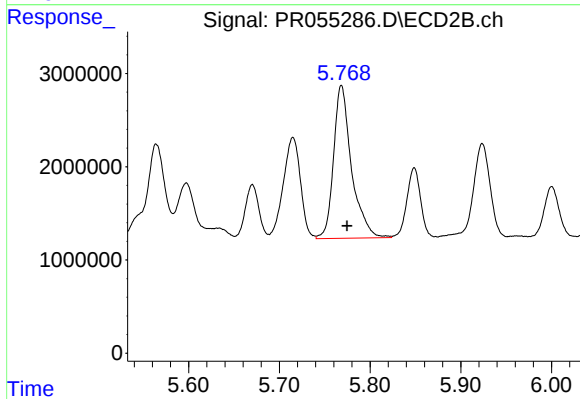
#31 AR-1260-1

R.T.: 5.564 min
Delta R.T.: -0.006 min
Response: 15976431
Conc: 202.15 ng/ml



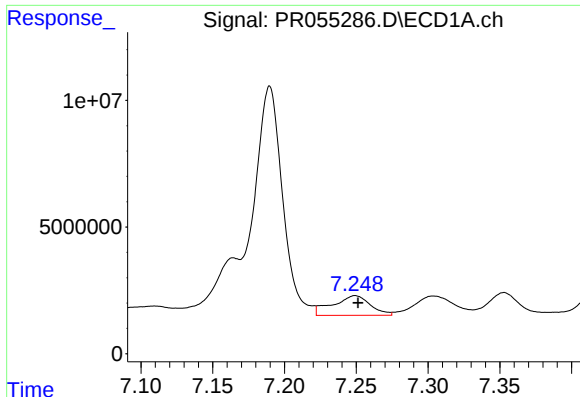
#32 AR-1260-2

R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 31416290
Conc: 313.61 ng/ml



#32 AR-1260-2

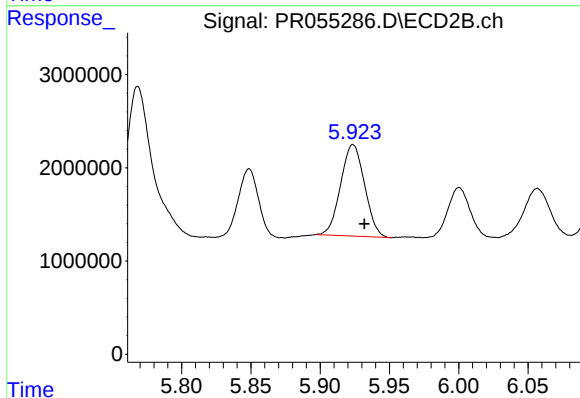
R.T.: 5.768 min
Delta R.T.: -0.006 min
Response: 22573342
Conc: 239.52 ng/ml



#33 AR-1260-3

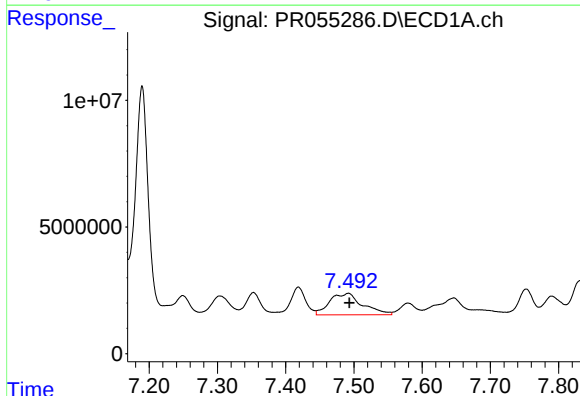
R.T.: 7.249 min
Delta R.T.: -0.002 min
Response: 14247805
Conc: 212.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



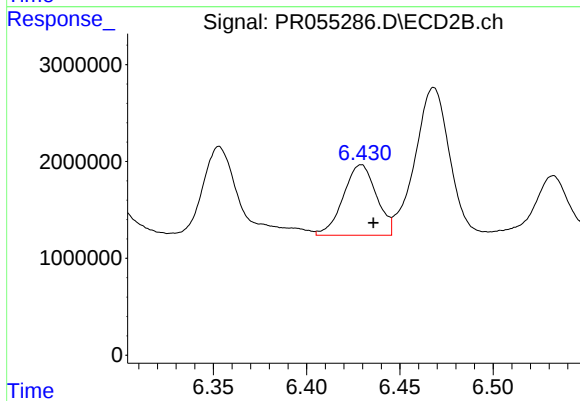
#33 AR-1260-3

R.T.: 5.924 min
Delta R.T.: -0.008 min
Response: 11791964
Conc: 132.06 ng/ml



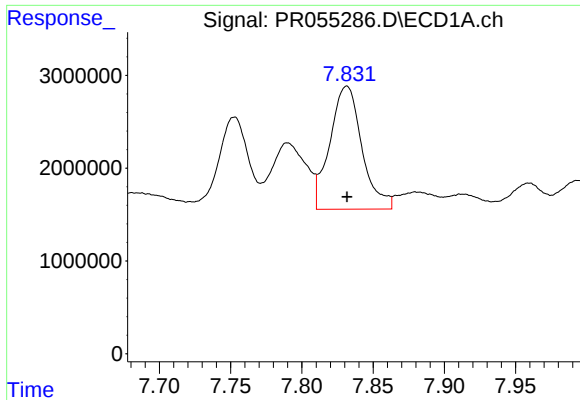
#34 AR-1260-4

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 28621826
Conc: 355.73 ng/ml



#34 AR-1260-4

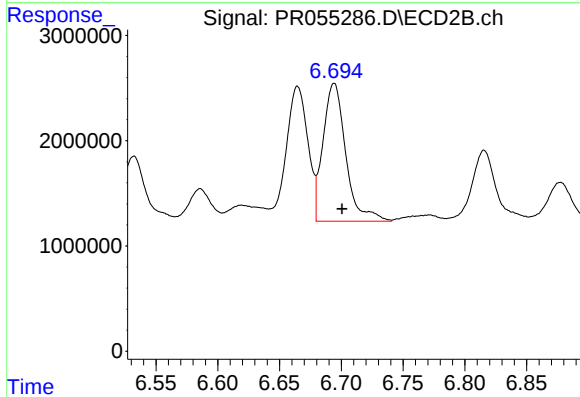
R.T.: 6.429 min
Delta R.T.: -0.007 min
Response: 9015487
Conc: 130.98 ng/ml



#35 AR-1260-5

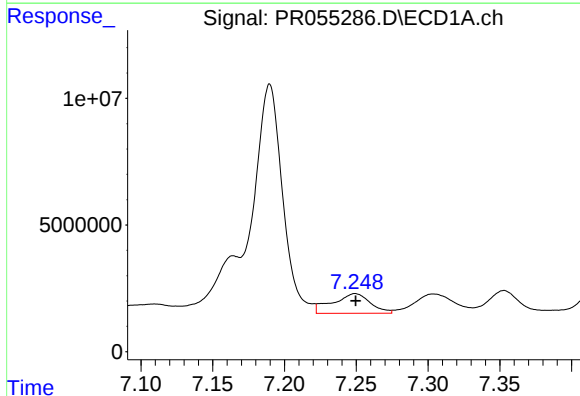
R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 20827553
Conc: 135.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



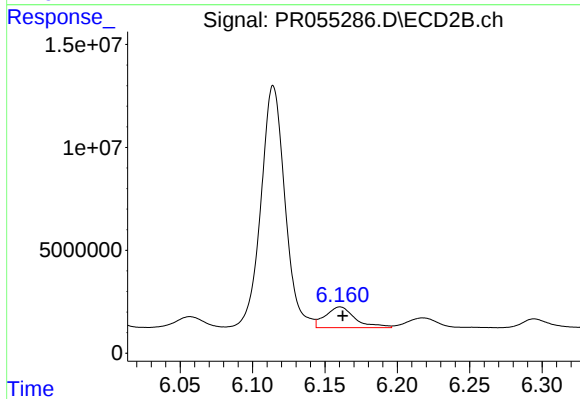
#35 AR-1260-5

R.T.: 6.694 min
Delta R.T.: -0.006 min
Response: 16802788
Conc: 102.42 ng/ml



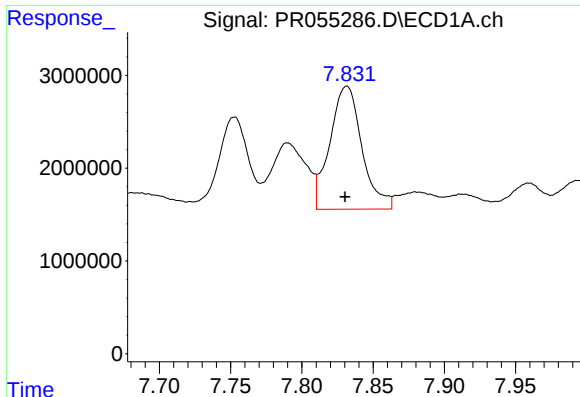
#36 AR-1262-1

R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 14247805
Conc: 137.72 ng/ml



#36 AR-1262-1

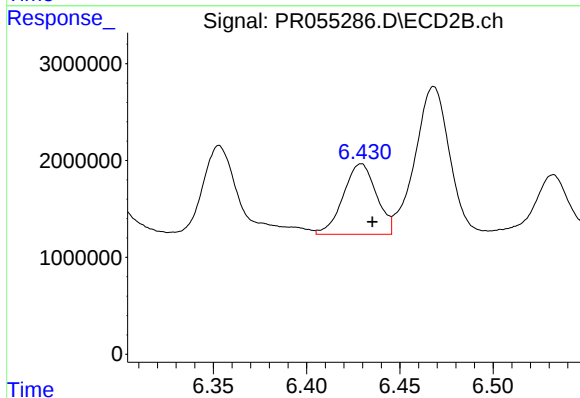
R.T.: 6.161 min
Delta R.T.: -0.002 min
Response: 14451006
Conc: 135.07 ng/ml



#37 AR-1262-2

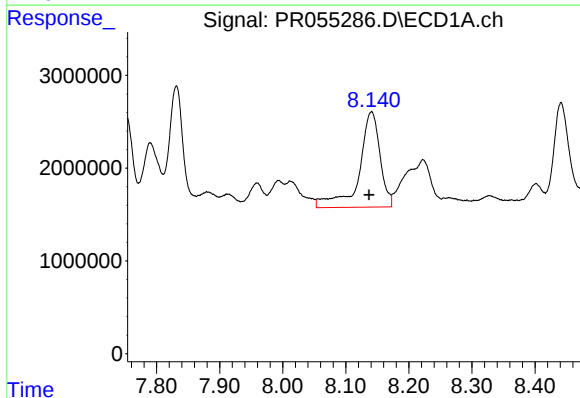
R.T.: 7.831 min
Delta R.T.: 0.001 min
Response: 20827553
Conc: 115.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



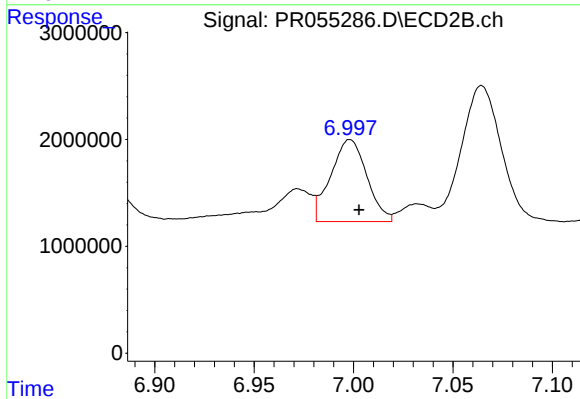
#37 AR-1262-2

R.T.: 6.429 min
Delta R.T.: -0.006 min
Response: 9015487
Conc: 92.63 ng/ml



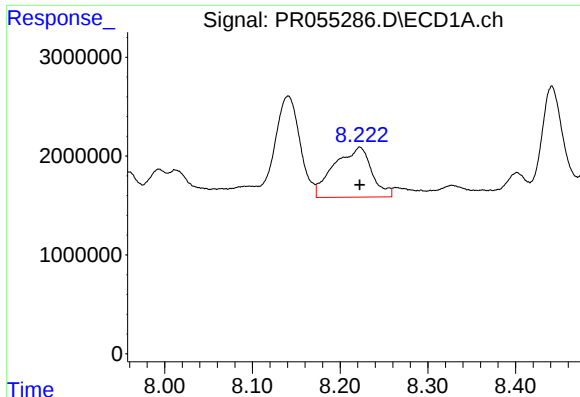
#38 AR-1262-3

R.T.: 8.141 min
Delta R.T.: 0.004 min
Response: 23750478
Conc: 190.50 ng/ml



#38 AR-1262-3

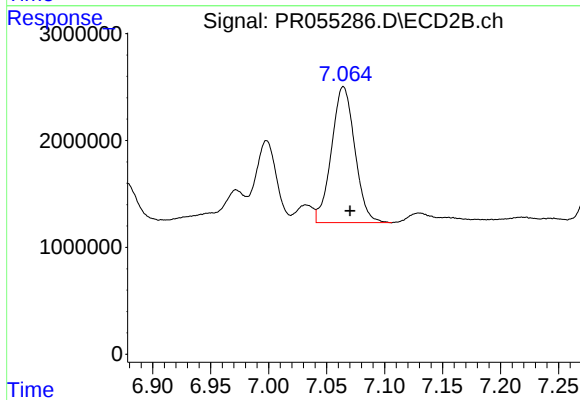
R.T.: 6.998 min
Delta R.T.: -0.005 min
Response: 9699437
Conc: 126.38 ng/ml



#39 AR-1262-4

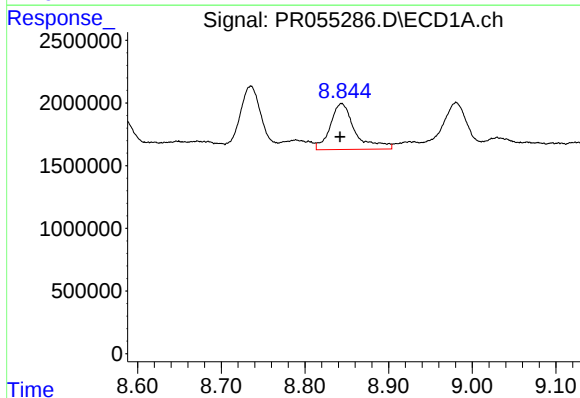
R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 14973501
Conc: 267.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



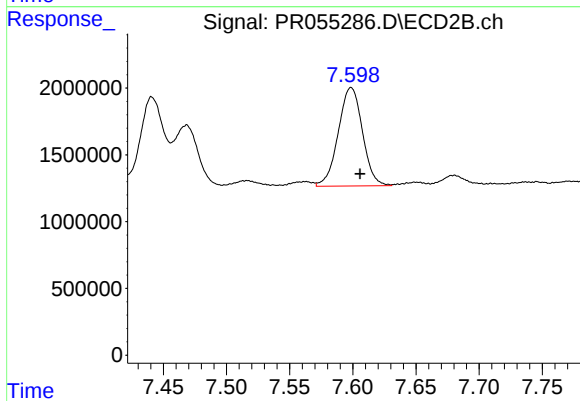
#39 AR-1262-4

R.T.: 7.064 min
Delta R.T.: -0.006 min
Response: 17805380
Conc: 121.75 ng/ml



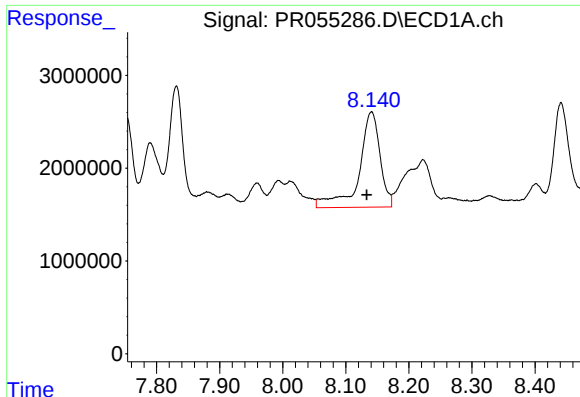
#40 AR-1262-5

R.T.: 8.844 min
Delta R.T.: 0.002 min
Response: 7530382
Conc: 110.13 ng/ml



#40 AR-1262-5

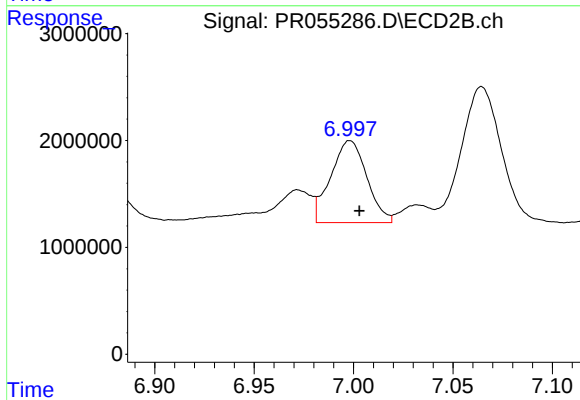
R.T.: 7.599 min
Delta R.T.: -0.007 min
Response: 9822222
Conc: 142.28 ng/ml



#41 AR-1268-1

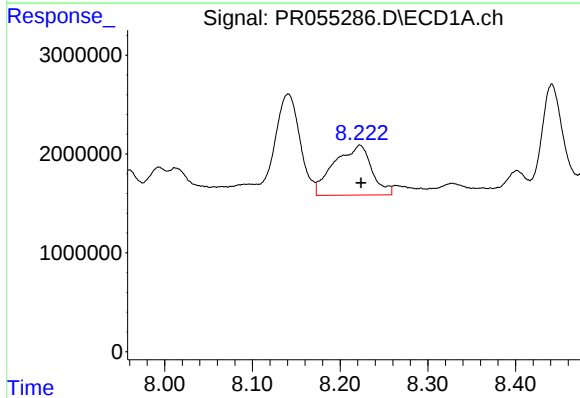
R.T.: 8.141 min
Delta R.T.: 0.007 min
Response: 23750478
Conc: 117.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



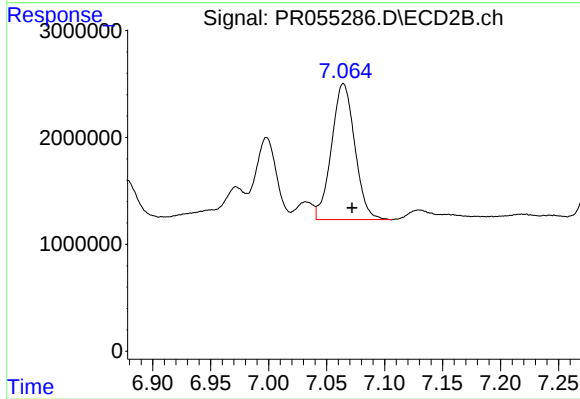
#41 AR-1268-1

R.T.: 6.998 min
Delta R.T.: -0.005 min
Response: 9699437
Conc: 44.52 ng/ml



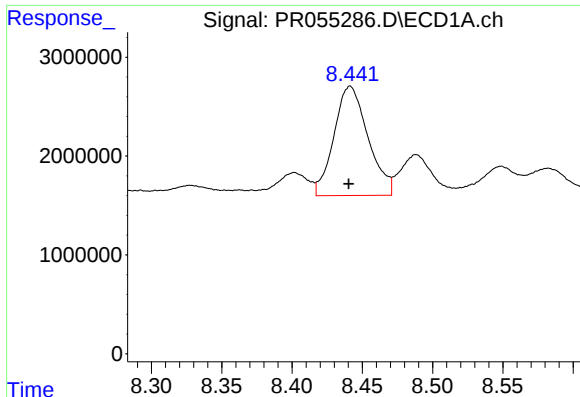
#42 AR-1268-2

R.T.: 8.222 min
Delta R.T.: -0.001 min
Response: 14973501
Conc: 80.70 ng/ml



#42 AR-1268-2

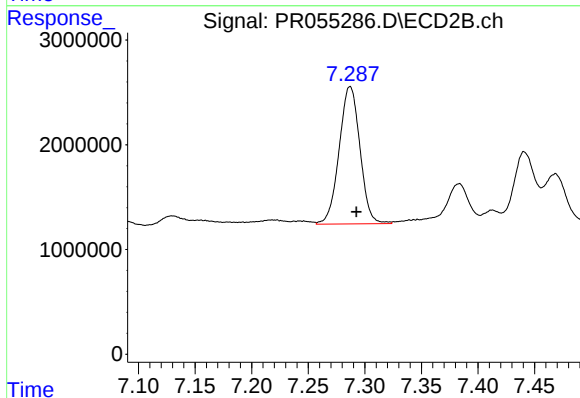
R.T.: 7.064 min
Delta R.T.: -0.008 min
Response: 17805380
Conc: 88.91 ng/ml



#43 AR-1268-3

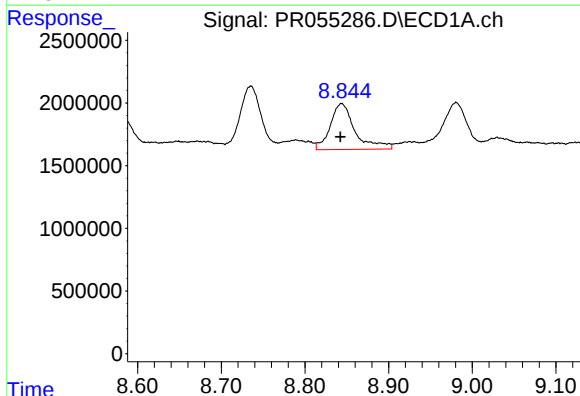
R.T.: 8.441 min
Delta R.T.: 0.000 min
Response: 18681215
Conc: 119.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



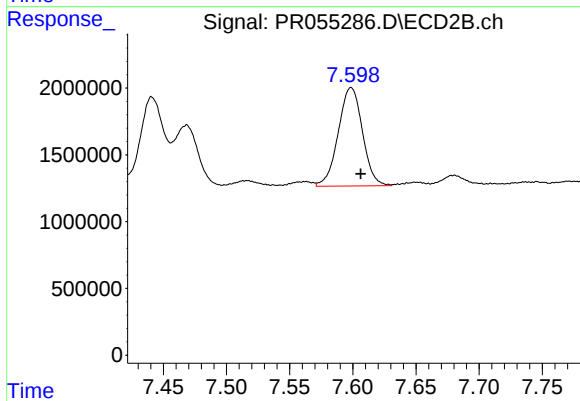
#43 AR-1268-3

R.T.: 7.287 min
Delta R.T.: -0.005 min
Response: 16793451
Conc: 100.83 ng/ml



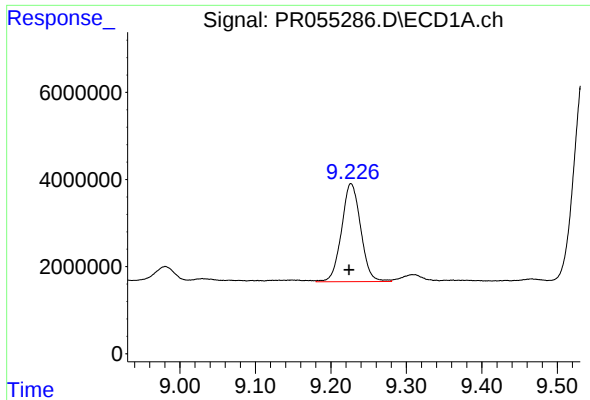
#44 AR-1268-4

R.T.: 8.844 min
Delta R.T.: 0.001 min
Response: 7530382
Conc: 102.77 ng/ml



#44 AR-1268-4

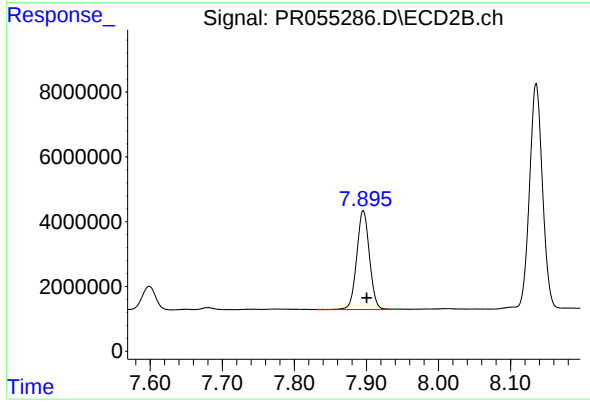
R.T.: 7.599 min
Delta R.T.: -0.008 min
Response: 9822222
Conc: 131.84 ng/ml



#45 AR-1268-5

R.T.: 9.227 min
Delta R.T.: 0.003 min
Response: 39613071
Conc: 79.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.896 min
Delta R.T.: -0.005 min
Response: 37378398
Conc: 70.31 ng/ml