

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
 Data File : PR051354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2021 15:56
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:01:35 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...	4.628	3.808	144.1E6	134.8E6	17.631	18.130
2)	SA Decachlor...	10.509	8.837	162.0E6	129.5E6	16.864	16.194
Target Compounds							
3)	L1 AR-1016-1	5.812	4.894	9636058	7816538	26.559	26.565
4)	L1 AR-1016-2	5.835	4.913	12909081	10549846	24.882	24.987
5)	L1 AR-1016-3	5.897	5.089	7993118	5566150	26.342	25.002
6)	L1 AR-1016-4	5.998	5.131	6358579	6135990	24.747	36.229 #
7)	L1 AR-1016-5	6.292	5.344	5923494	5772797	23.909	26.113
8)	L2 AR-1221-1	4.839	4.025	37481	1153626	0.426	15.715 #
9)	L2 AR-1221-2	4.936	4.108	3561141	2277184	52.948	38.611 #
10)	L2 AR-1221-3	5.008	4.182	4280122	3562404	19.911	18.723
11)	L3 AR-1232-1	5.008	4.182	4280122	3562404	23.706	22.062
12)	L3 AR-1232-2	5.542	4.913	5923861	10549846	60.938	62.933
13)	L3 AR-1232-3	5.835	5.089	12909081	5566150	61.752	63.871
14)	L3 AR-1232-4	5.998	5.172	6358579	5506385	61.583	74.860
15)	L3 AR-1232-5	6.085	5.344	5731903	5772797	76.315	70.950
16)	L4 AR-1242-1	5.812	4.894	9636058	7816538	37.648	37.716
17)	L4 AR-1242-2	5.835	4.913	12909081	10549846	34.147	34.791
18)	L4 AR-1242-3	5.897	5.089	7993118	5566150	36.334	34.877
19)	L4 AR-1242-4	5.998	5.172	6358579	5506385	34.109	37.266
20)	L4 AR-1242-5	6.736	5.694	2601440	4312468	11.885	21.505 #
21)	L5 AR-1248-1	5.812	4.894	9636058	7816538	45.696	45.818
22)	L5 AR-1248-2	6.085	5.131	5731903	6135990	19.577	26.790 #
23)	L5 AR-1248-3	6.292	5.172	5923494	5506385	17.725	23.131 #
24)	L5 AR-1248-4	6.698	5.344	2199775	5772797	5.291	20.120 #
25)	L5 AR-1248-5	6.736	5.735	2601440	908208	6.522	2.963 #
26)	L6 AR-1254-1	6.670	5.694	6216682	4312468	17.540	10.499 #
27)	L6 AR-1254-2	6.886	5.841	7611566	3835682	13.541	11.026
28)	L6 AR-1254-3	7.258	6.259f	5258470	8884260	8.784	14.744 #
29)	L6 AR-1254-4	7.545	6.472	5334156	1049576	10.851	2.795 #
30)	L6 AR-1254-5	7.965	6.888	17844569	13382980	37.665	25.907 #
31)	L7 AR-1260-1	7.420	6.374	15204997	10303027	31.867	24.997
32)	L7 AR-1260-2	7.677	6.561	17212854	12592261	27.254	24.908
33)	L7 AR-1260-3	8.037	6.715	13746147	11910363	27.493	24.324
34)	L7 AR-1260-4	8.273	7.186	12917055	9738717	25.222	23.828
35)	L7 AR-1260-5	8.610	7.427	25198364	23089588	21.864	22.032
36)	L8 AR-1262-1	8.037	6.888	13746147	13382980	20.937	48.389 #
37)	L8 AR-1262-2	8.610	7.427	25198364	23089588	20.977	22.736
38)	L8 AR-1262-3	8.933	7.711	5789267	5606730	7.592	15.240 #
39)	L8 AR-1262-4	9.011f	7.774	9971405	17342602	17.123	23.794 #
40)	L8 AR-1262-5	9.725	8.274	7640728	6359811	18.177	19.498
41)	L9 AR-1268-1	8.933	7.711	5789267	5606730	4.096	5.205 #

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 Operator : AJ\MA
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 Misc : AR1660 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

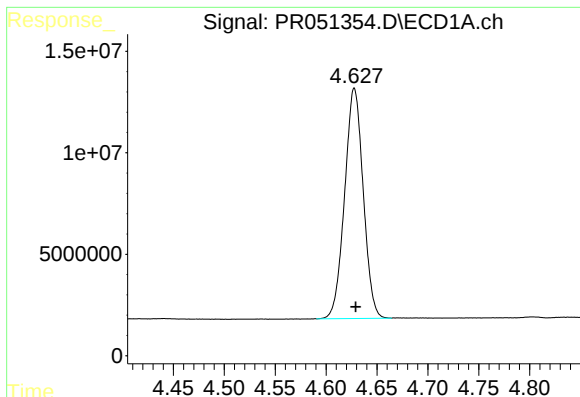
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:01:35 2021
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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	9.011f	7.774	9971405	17342602	7.810	17.417 #
43) L9	AR-1268-3	9.269	7.984	1268148	958933	1.136	1.166
44) L9	AR-1268-4	9.725	8.274	7640728	6359811	16.845	17.917
45) L9	AR-1268-5	10.158	8.575	4428784	3237617	1.211	1.165

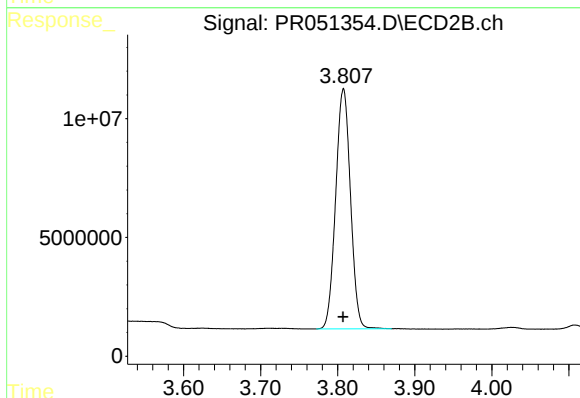
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

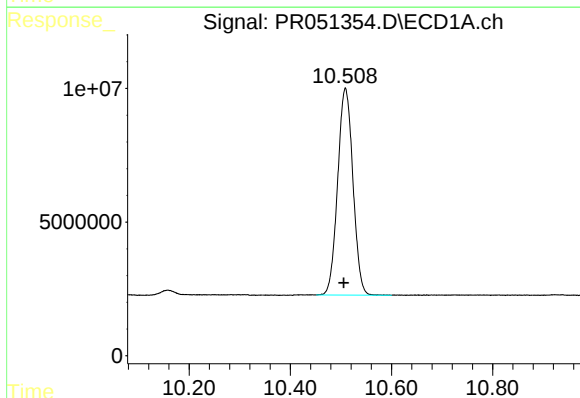
R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 144099284
Conc: 17.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



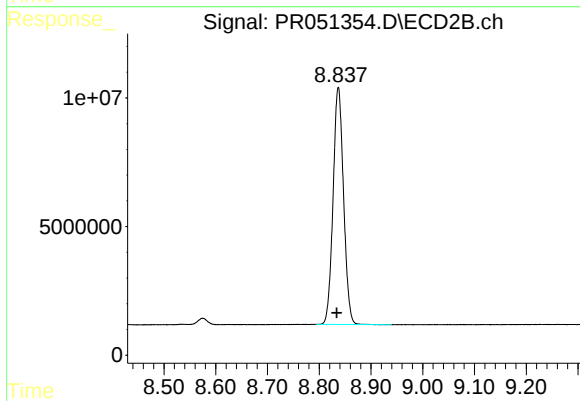
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 134811809
Conc: 18.13 ng/ml



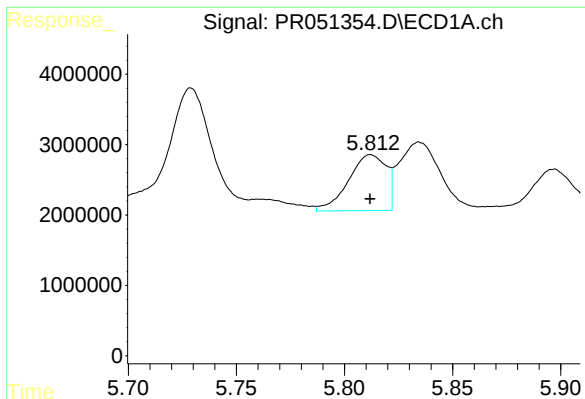
#2 Decachlorobiphenyl

R.T.: 10.509 min
Delta R.T.: 0.003 min
Response: 161988726
Conc: 16.86 ng/ml



#2 Decachlorobiphenyl

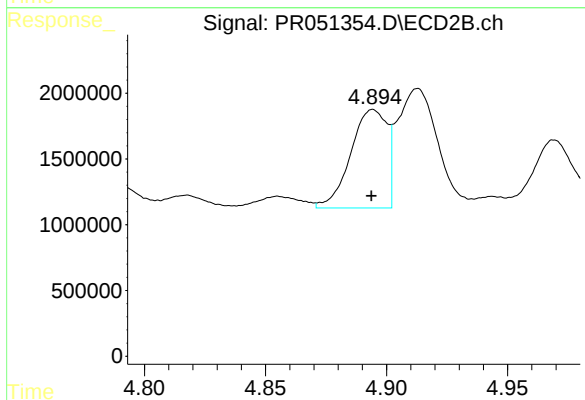
R.T.: 8.837 min
Delta R.T.: 0.003 min
Response: 129480731
Conc: 16.19 ng/ml



#3 AR-1016-1

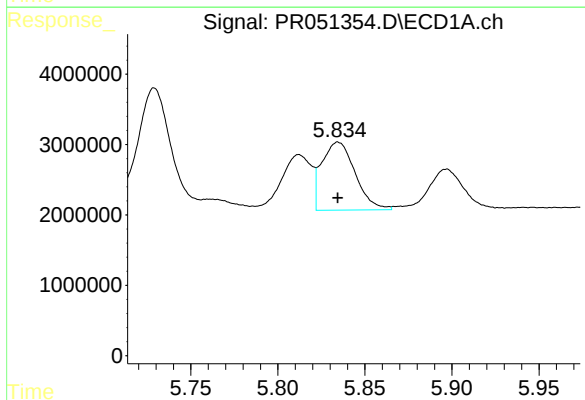
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9636058
Conc: 26.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



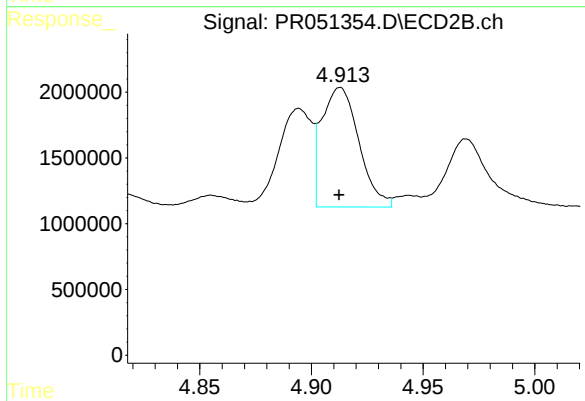
#3 AR-1016-1

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 7816538
Conc: 26.56 ng/ml



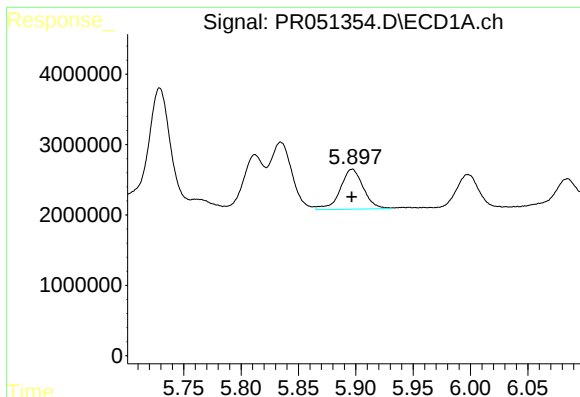
#4 AR-1016-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 12909081
Conc: 24.88 ng/ml



#4 AR-1016-2

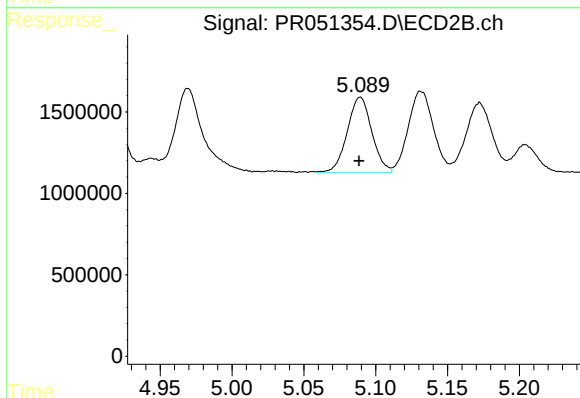
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 10549846
Conc: 24.99 ng/ml



#5 AR-1016-3

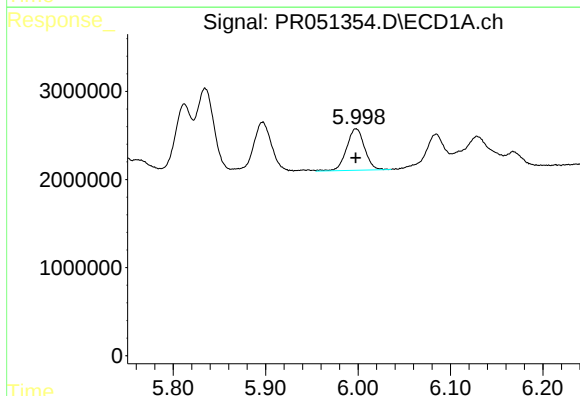
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 7993118
Conc: 26.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



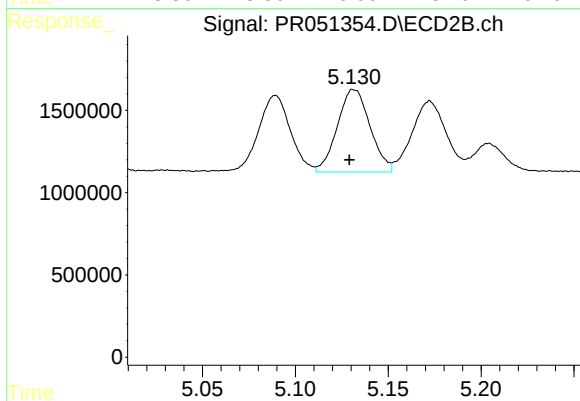
#5 AR-1016-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 5566150
Conc: 25.00 ng/ml



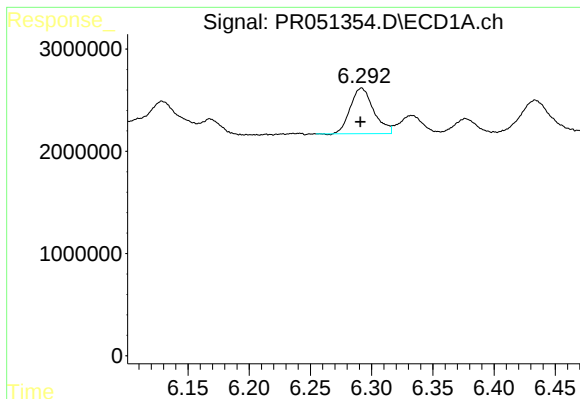
#6 AR-1016-4

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 6358579
Conc: 24.75 ng/ml



#6 AR-1016-4

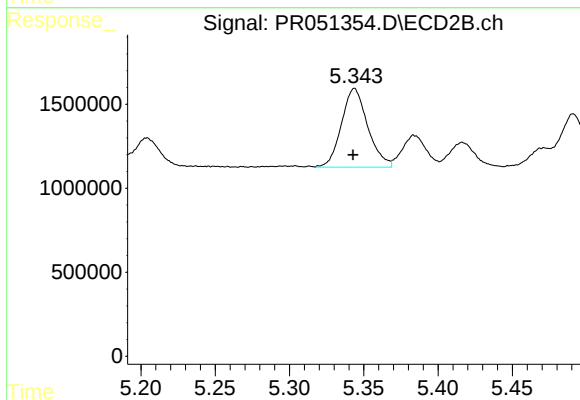
R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 6135990
Conc: 36.23 ng/ml



#7 AR-1016-5

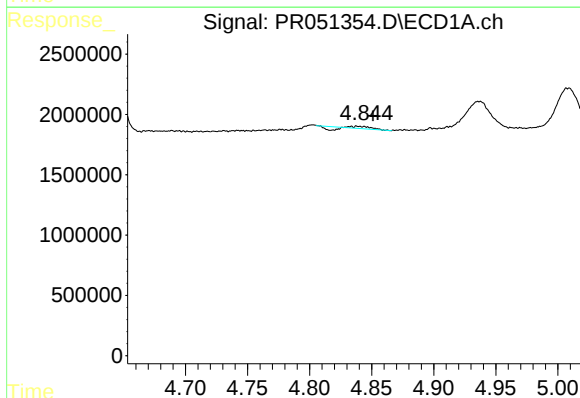
R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 5923494
Conc: 23.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



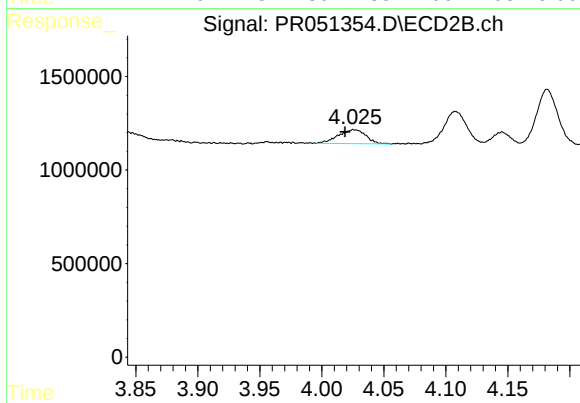
#7 AR-1016-5

R.T.: 5.344 min
Delta R.T.: 0.001 min
Response: 5772797
Conc: 26.11 ng/ml



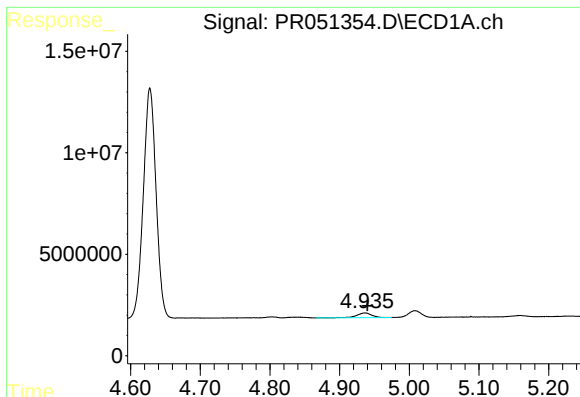
#8 AR-1221-1

R.T.: 4.839 min
Delta R.T.: -0.012 min
Response: 37481
Conc: 0.43 ng/ml



#8 AR-1221-1

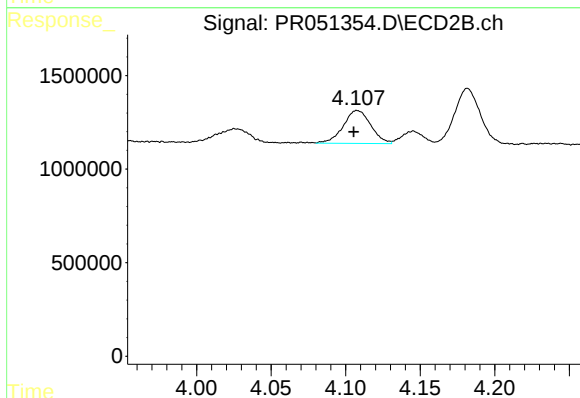
R.T.: 4.025 min
Delta R.T.: 0.007 min
Response: 1153626
Conc: 15.71 ng/ml



#9 AR-1221-2

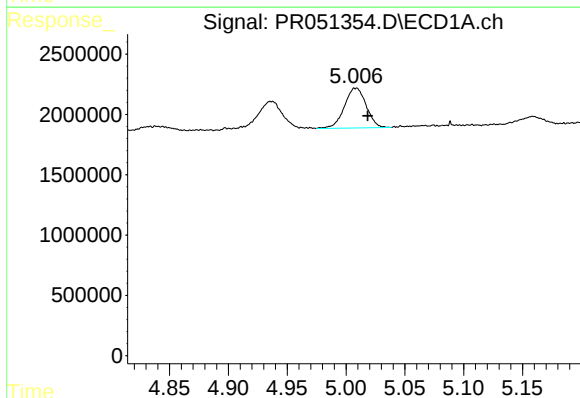
R.T.: 4.936 min
Delta R.T.: -0.003 min
Response: 3561141
Conc: 52.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



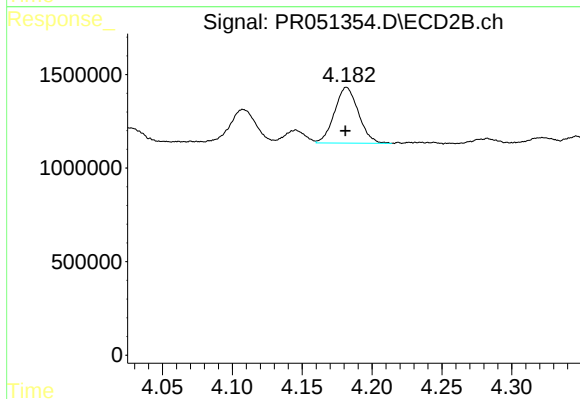
#9 AR-1221-2

R.T.: 4.108 min
Delta R.T.: 0.002 min
Response: 2277184
Conc: 38.61 ng/ml



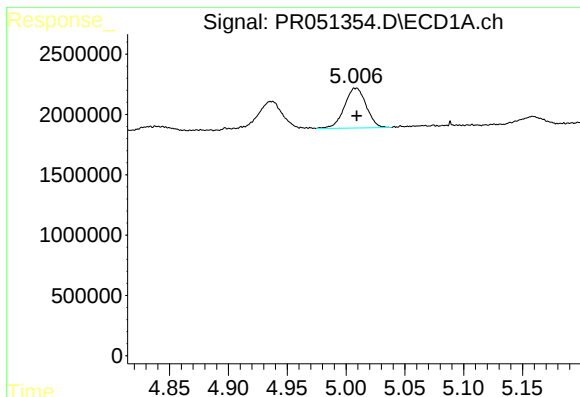
#10 AR-1221-3

R.T.: 5.008 min
Delta R.T.: -0.010 min
Response: 4280122
Conc: 19.91 ng/ml



#10 AR-1221-3

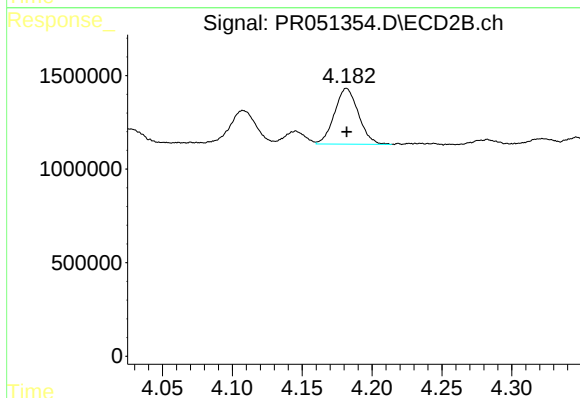
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 3562404
Conc: 18.72 ng/ml



#11 AR-1232-1

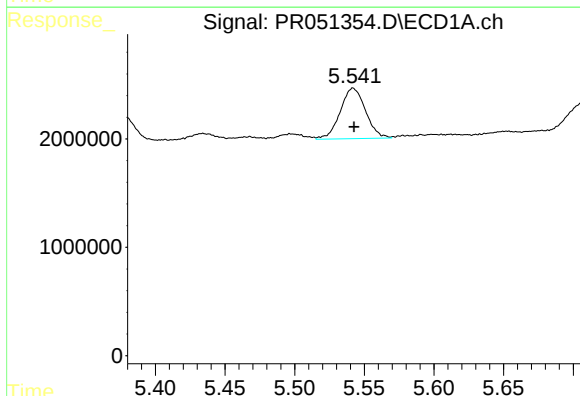
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 4280122
Conc: 23.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



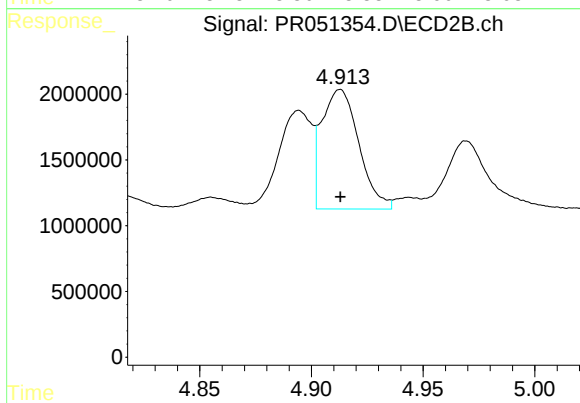
#11 AR-1232-1

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 3562404
Conc: 22.06 ng/ml



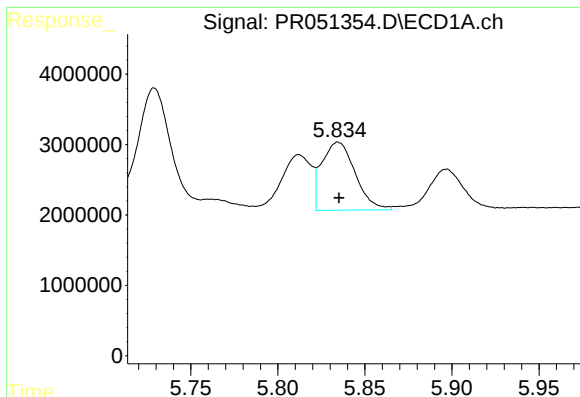
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 5923861
Conc: 60.94 ng/ml



#12 AR-1232-2

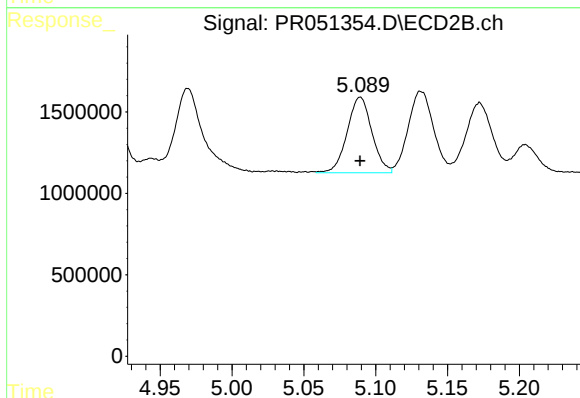
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 10549846
Conc: 62.93 ng/ml



#13 AR-1232-3

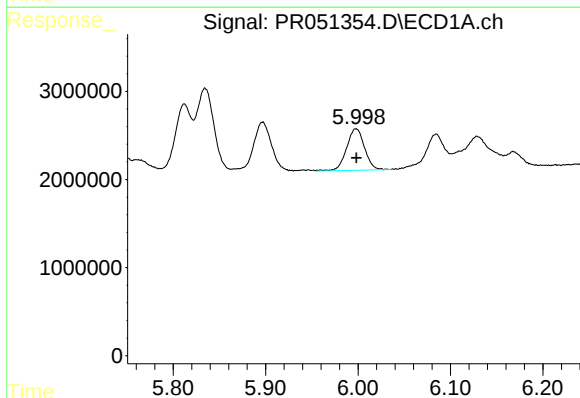
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 12909081
Conc: 61.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



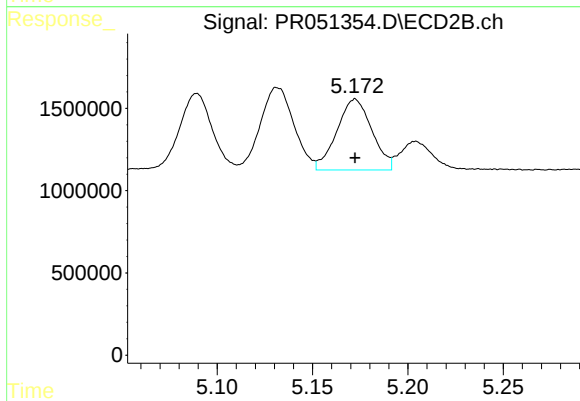
#13 AR-1232-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 5566150
Conc: 63.87 ng/ml



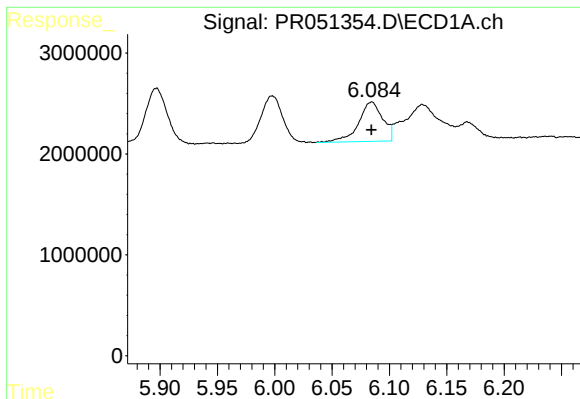
#14 AR-1232-4

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 6358579
Conc: 61.58 ng/ml



#14 AR-1232-4

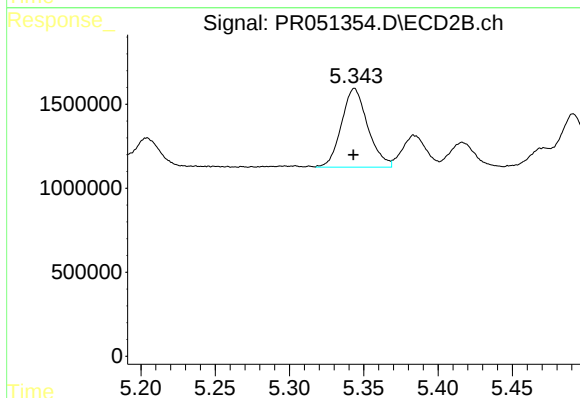
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 5506385
Conc: 74.86 ng/ml



#15 AR-1232-5

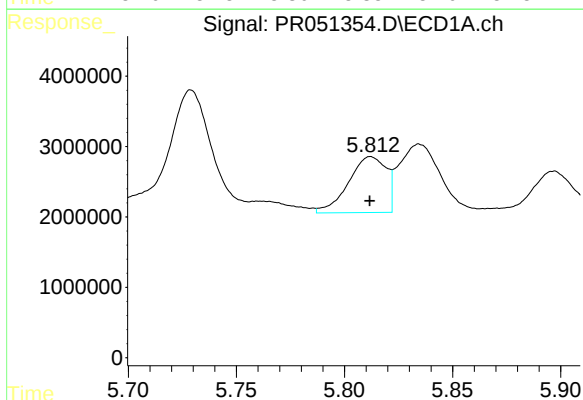
R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 5731903
Conc: 76.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



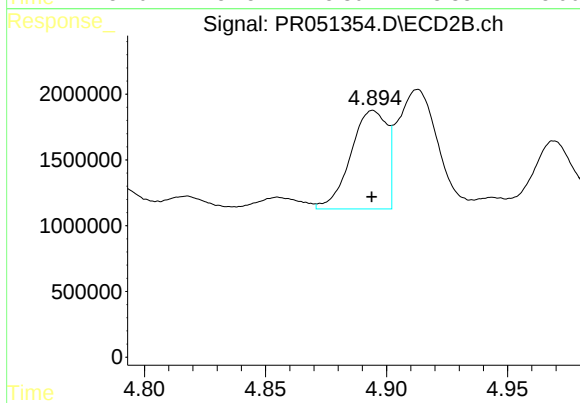
#15 AR-1232-5

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 5772797
Conc: 70.95 ng/ml



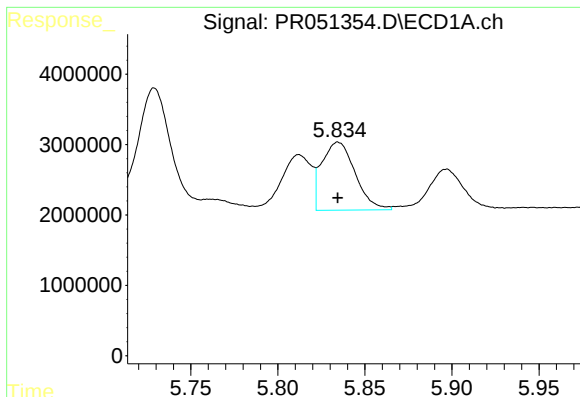
#16 AR-1242-1

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9636058
Conc: 37.65 ng/ml



#16 AR-1242-1

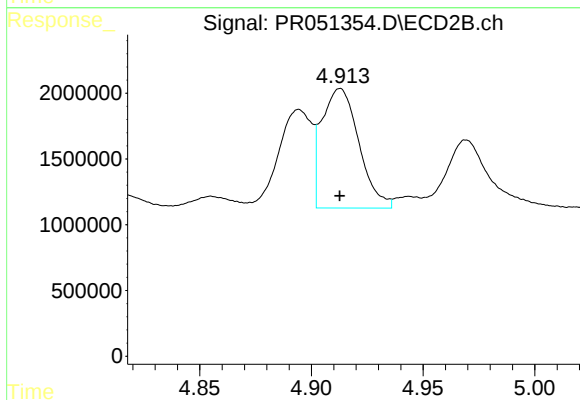
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 7816538
Conc: 37.72 ng/ml



#17 AR-1242-2

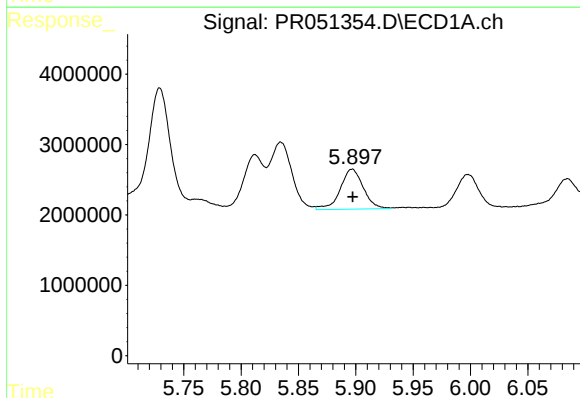
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 12909081
Conc: 34.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



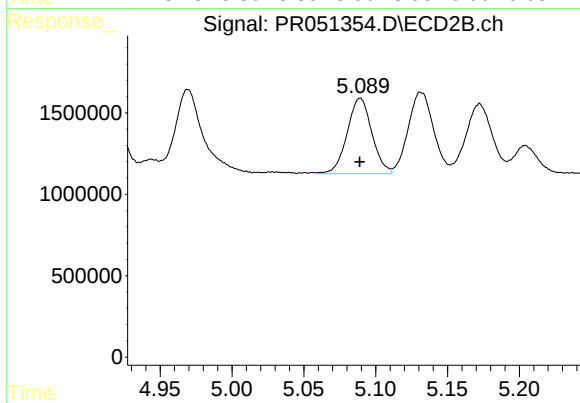
#17 AR-1242-2

R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 10549846
Conc: 34.79 ng/ml



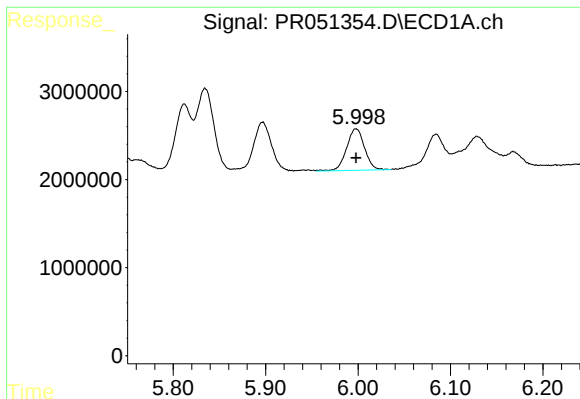
#18 AR-1242-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 7993118
Conc: 36.33 ng/ml



#18 AR-1242-3

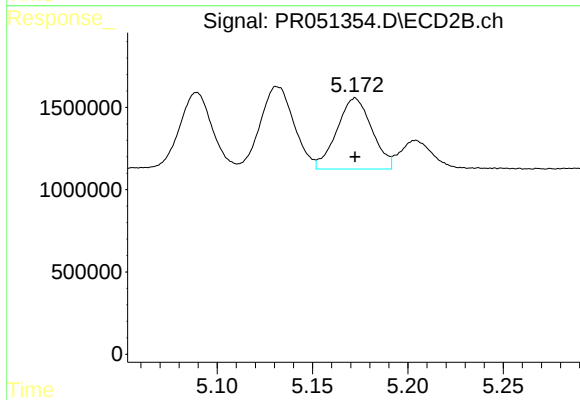
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 5566150
Conc: 34.88 ng/ml



#19 AR-1242-4

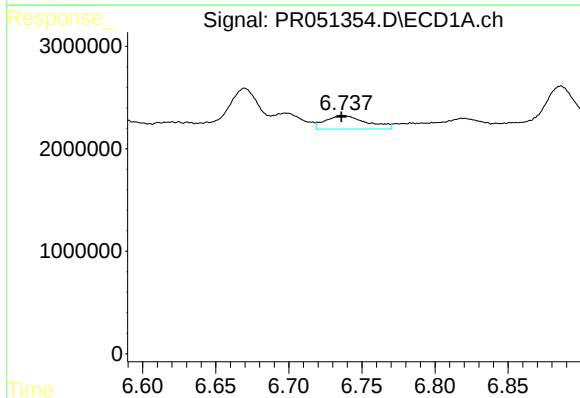
R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 6358579
Conc: 34.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



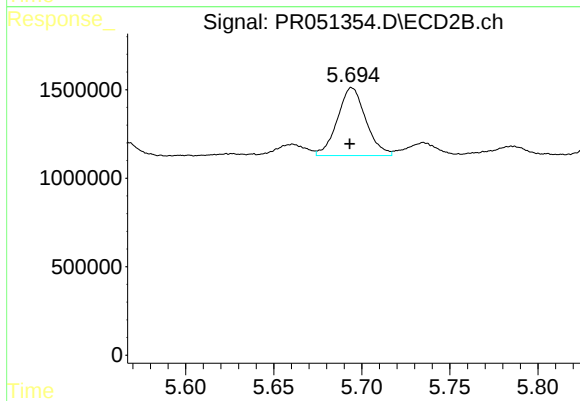
#19 AR-1242-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 5506385
Conc: 37.27 ng/ml



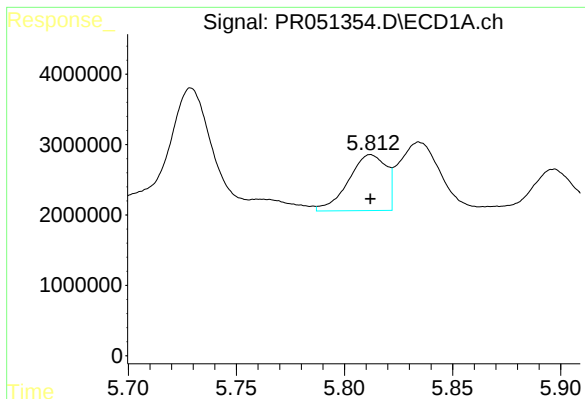
#20 AR-1242-5

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 2601440
Conc: 11.89 ng/ml



#20 AR-1242-5

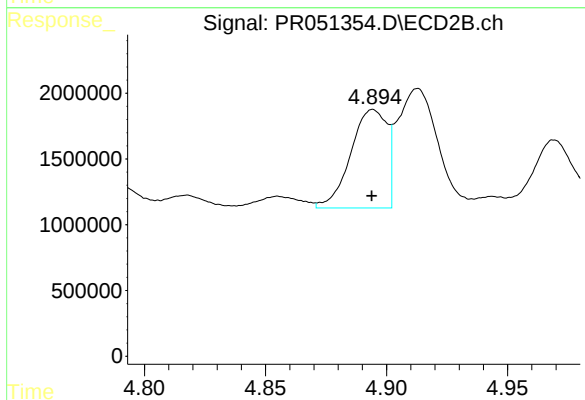
R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 4312468
Conc: 21.51 ng/ml



#21 AR-1248-1

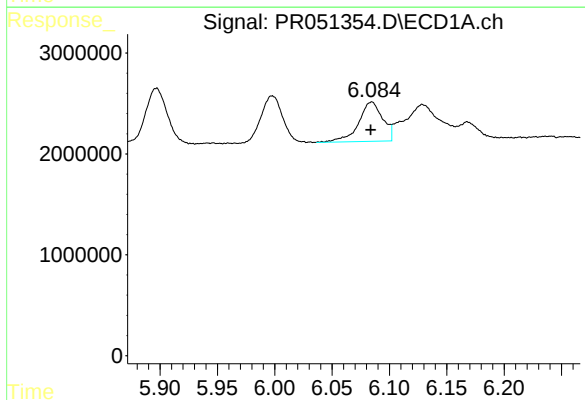
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9636058
Conc: 45.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



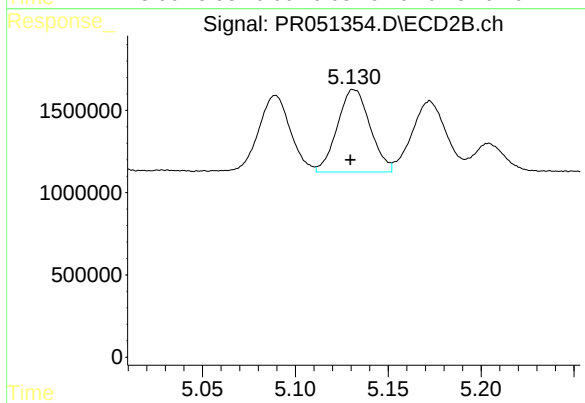
#21 AR-1248-1

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 7816538
Conc: 45.82 ng/ml



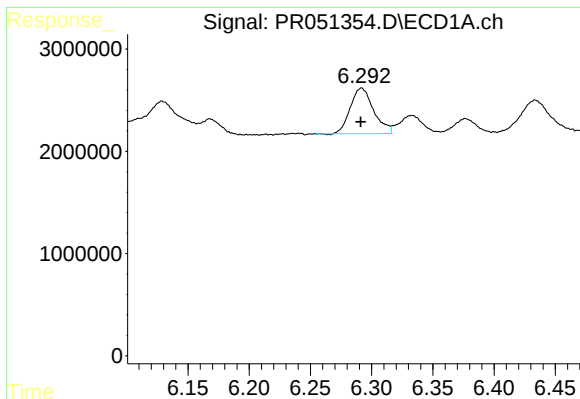
#22 AR-1248-2

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 5731903
Conc: 19.58 ng/ml



#22 AR-1248-2

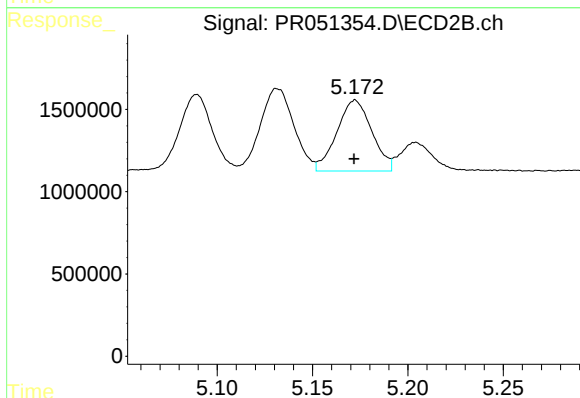
R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 6135990
Conc: 26.79 ng/ml



#23 AR-1248-3

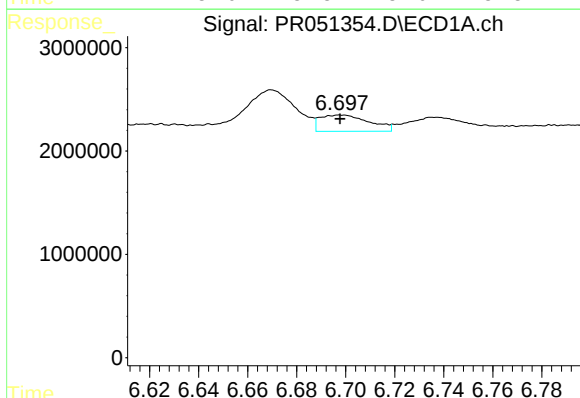
R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 5923494
Conc: 17.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



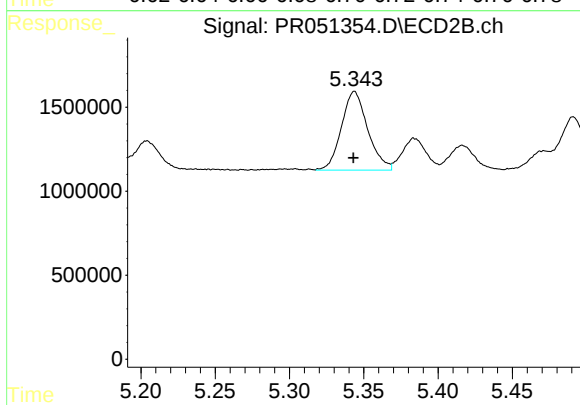
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 5506385
Conc: 23.13 ng/ml



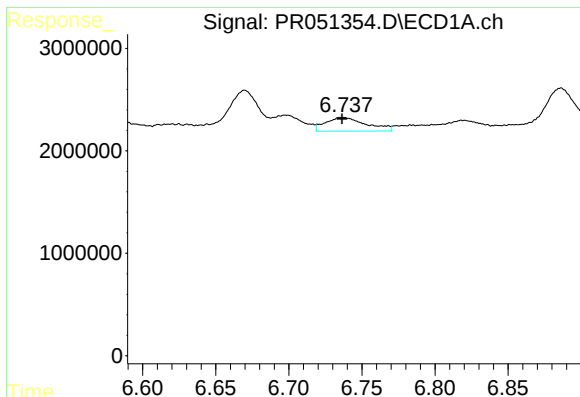
#24 AR-1248-4

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 2199775
Conc: 5.29 ng/ml



#24 AR-1248-4

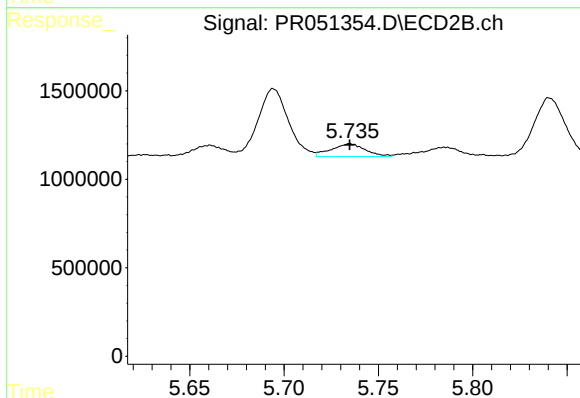
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 5772797
Conc: 20.12 ng/ml



#25 AR-1248-5

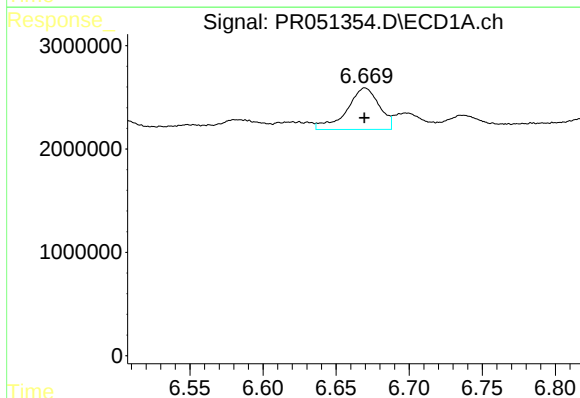
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 2601440
Conc: 6.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



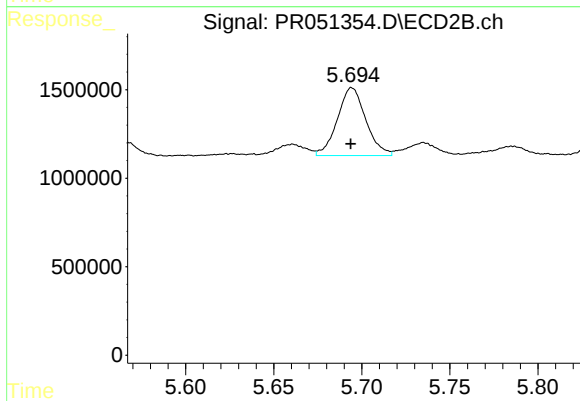
#25 AR-1248-5

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 908208
Conc: 2.96 ng/ml



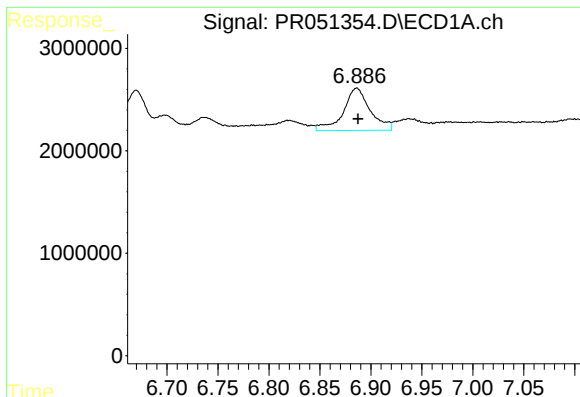
#26 AR-1254-1

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 6216682
Conc: 17.54 ng/ml



#26 AR-1254-1

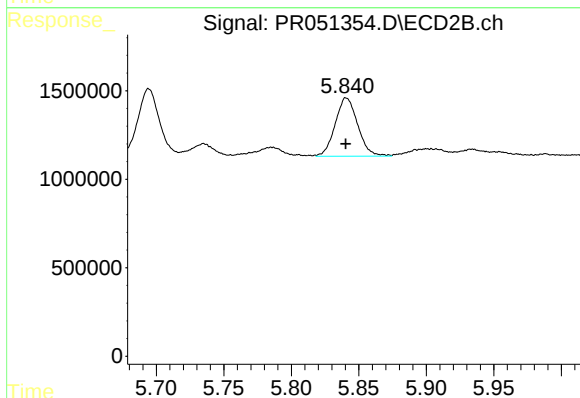
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 4312468
Conc: 10.50 ng/ml



#27 AR-1254-2

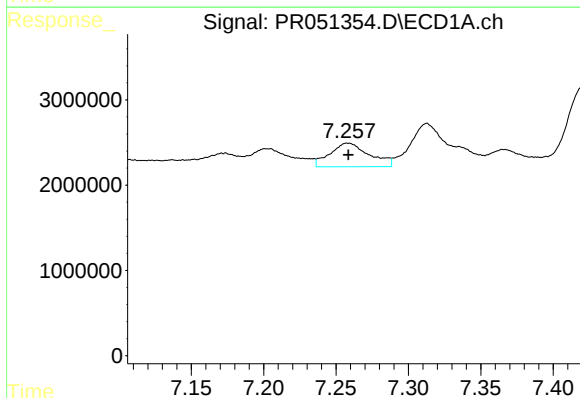
R.T.: 6.886 min
Delta R.T.: -0.001 min
Response: 7611566
Conc: 13.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



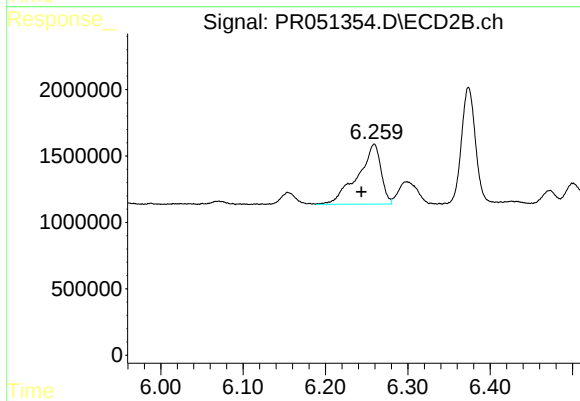
#27 AR-1254-2

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 3835682
Conc: 11.03 ng/ml



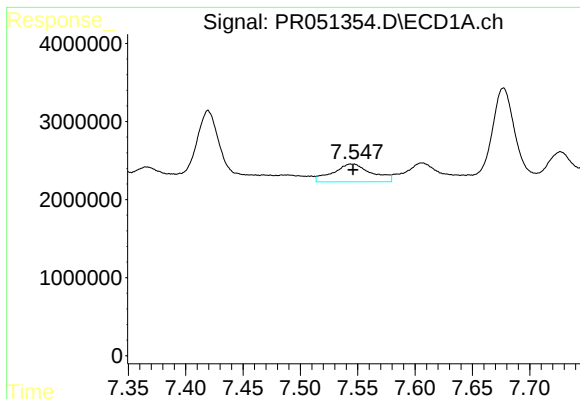
#28 AR-1254-3

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 5258470
Conc: 8.78 ng/ml



#28 AR-1254-3

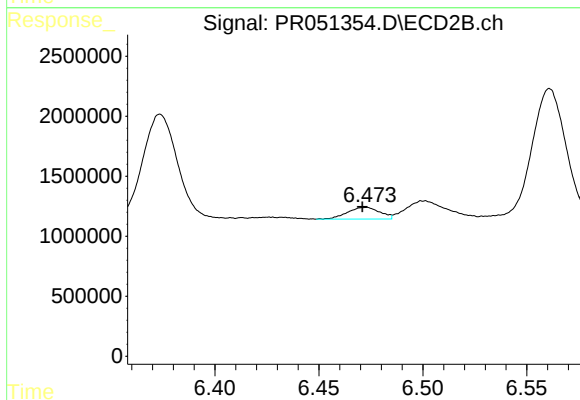
R.T.: 6.259 min
Delta R.T.: 0.016 min
Response: 8884260
Conc: 14.74 ng/ml



#29 AR-1254-4

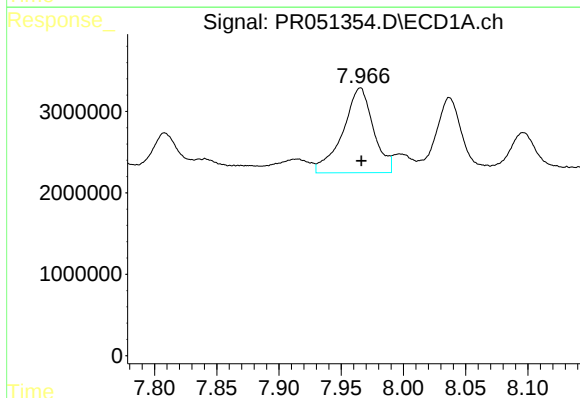
R.T.: 7.545 min
Delta R.T.: -0.001 min
Response: 5334156
Conc: 10.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



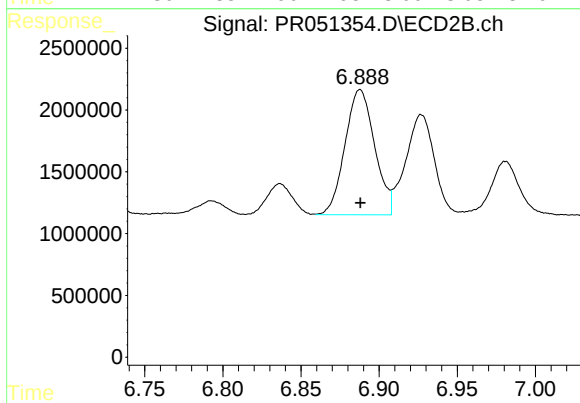
#29 AR-1254-4

R.T.: 6.472 min
Delta R.T.: 0.002 min
Response: 1049576
Conc: 2.80 ng/ml



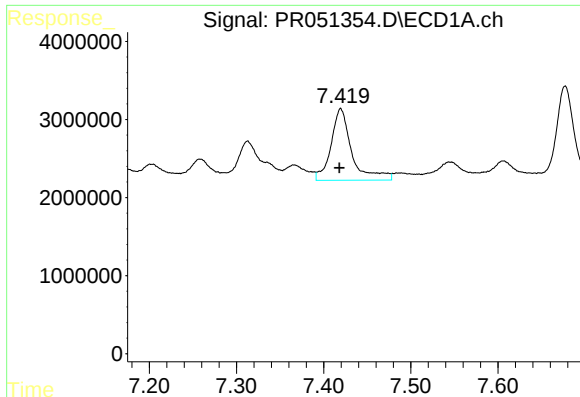
#30 AR-1254-5

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 17844569
Conc: 37.66 ng/ml



#30 AR-1254-5

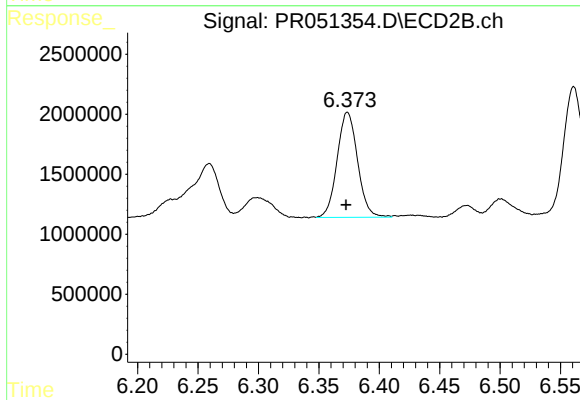
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 13382980
Conc: 25.91 ng/ml



#31 AR-1260-1

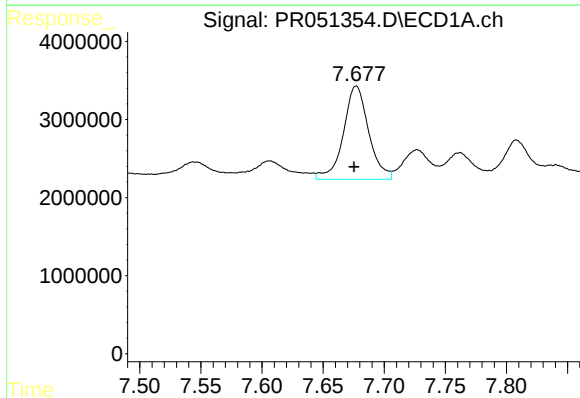
R.T.: 7.420 min
Delta R.T.: 0.001 min
Response: 15204997
Conc: 31.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



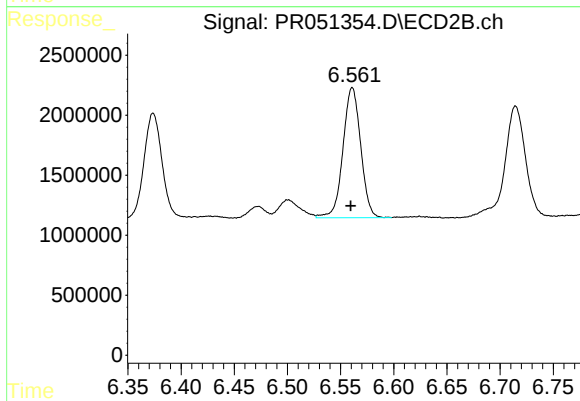
#31 AR-1260-1

R.T.: 6.374 min
Delta R.T.: 0.001 min
Response: 10303027
Conc: 25.00 ng/ml



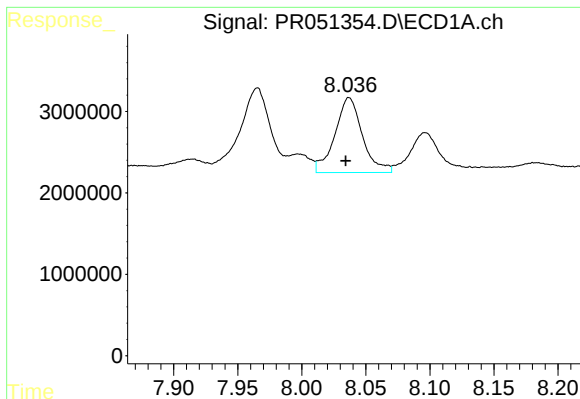
#32 AR-1260-2

R.T.: 7.677 min
Delta R.T.: 0.002 min
Response: 17212854
Conc: 27.25 ng/ml



#32 AR-1260-2

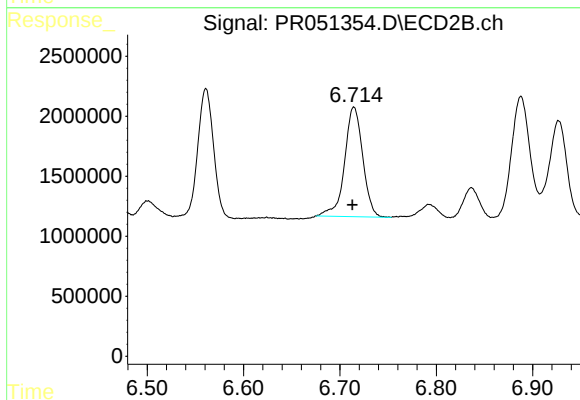
R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 12592261
Conc: 24.91 ng/ml



#33 AR-1260-3

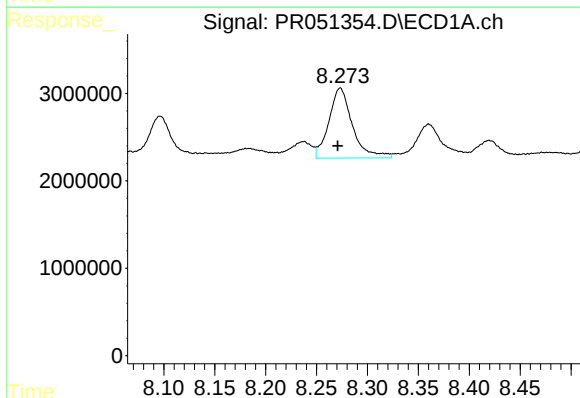
R.T.: 8.037 min
Delta R.T.: 0.003 min
Response: 13746147
Conc: 27.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



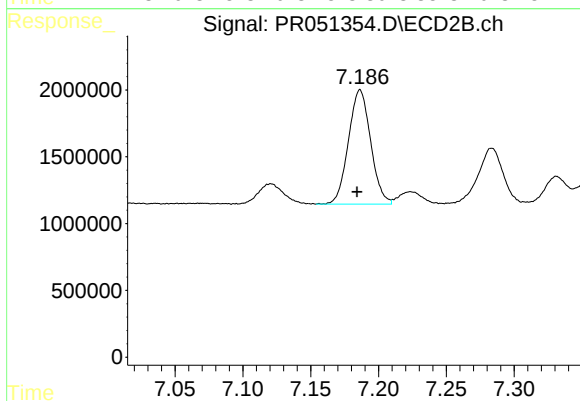
#33 AR-1260-3

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 11910363
Conc: 24.32 ng/ml



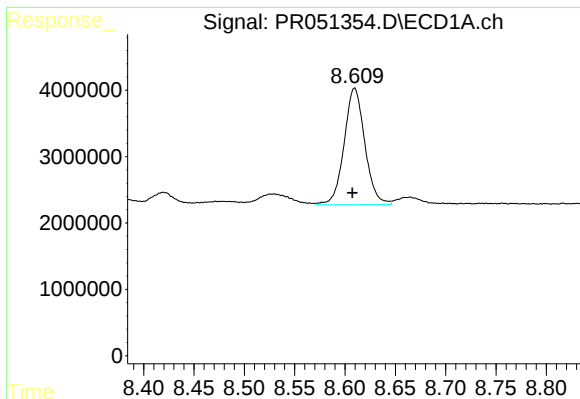
#34 AR-1260-4

R.T.: 8.273 min
Delta R.T.: 0.002 min
Response: 12917055
Conc: 25.22 ng/ml



#34 AR-1260-4

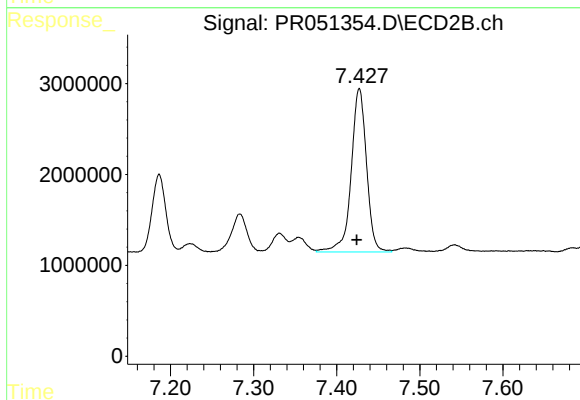
R.T.: 7.186 min
Delta R.T.: 0.002 min
Response: 9738717
Conc: 23.83 ng/ml



#35 AR-1260-5

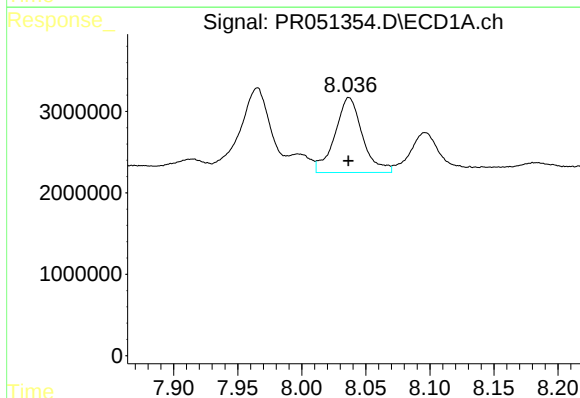
R.T.: 8.610 min
Delta R.T.: 0.002 min
Response: 25198364
Conc: 21.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



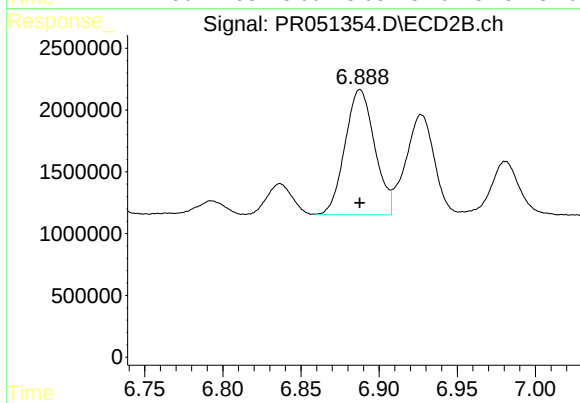
#35 AR-1260-5

R.T.: 7.427 min
Delta R.T.: 0.003 min
Response: 23089588
Conc: 22.03 ng/ml



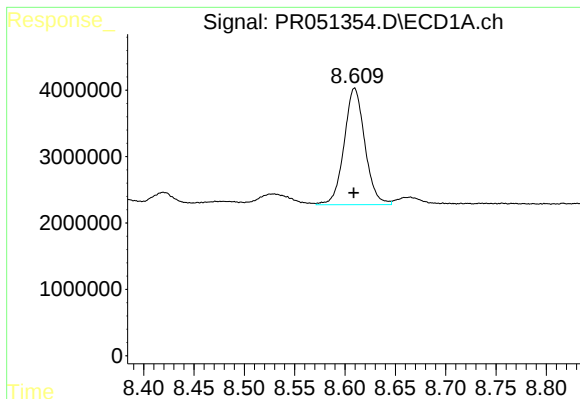
#36 AR-1262-1

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 13746147
Conc: 20.94 ng/ml



#36 AR-1262-1

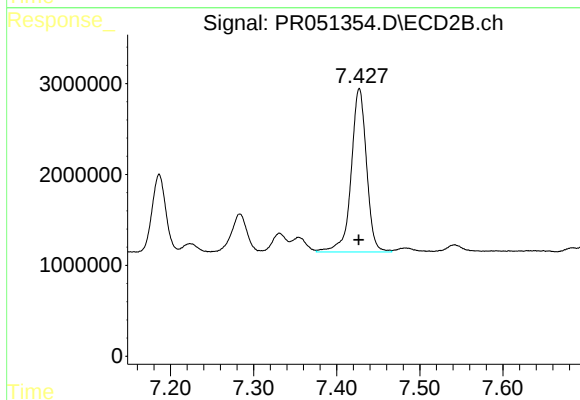
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 13382980
Conc: 48.39 ng/ml



#37 AR-1262-2

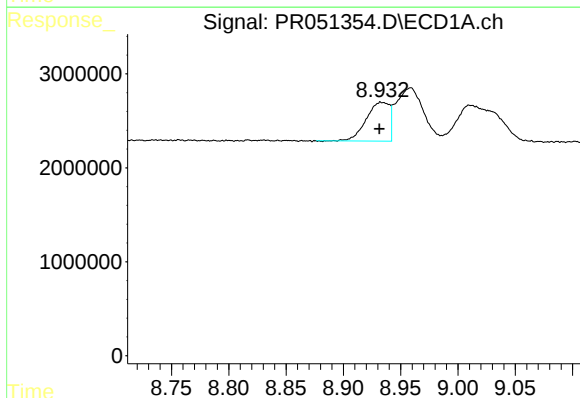
R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 25198364
Conc: 20.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



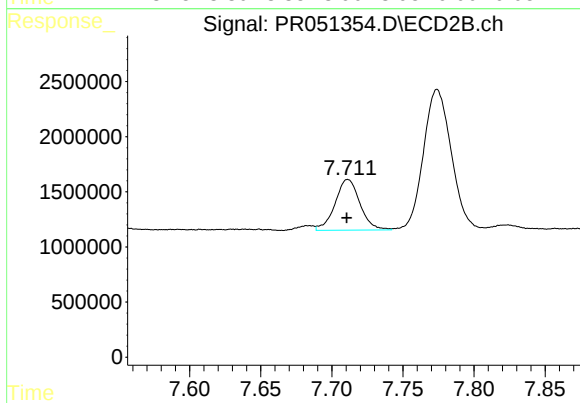
#37 AR-1262-2

R.T.: 7.427 min
Delta R.T.: 0.000 min
Response: 23089588
Conc: 22.74 ng/ml



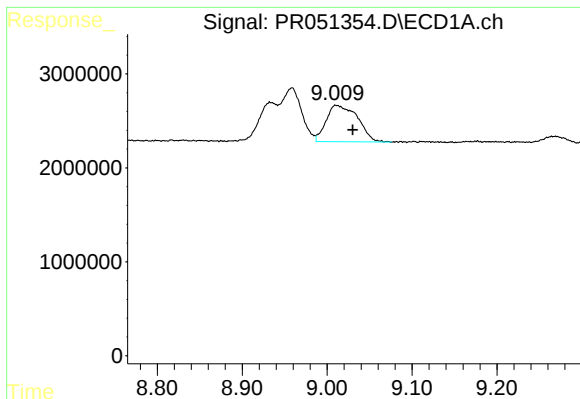
#38 AR-1262-3

R.T.: 8.933 min
Delta R.T.: 0.002 min
Response: 5789267
Conc: 7.59 ng/ml



#38 AR-1262-3

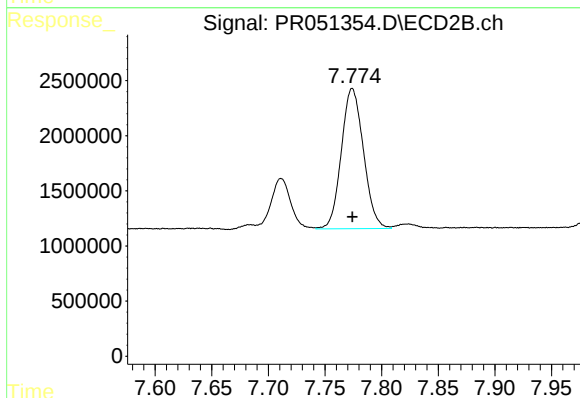
R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 5606730
Conc: 15.24 ng/ml



#39 AR-1262-4

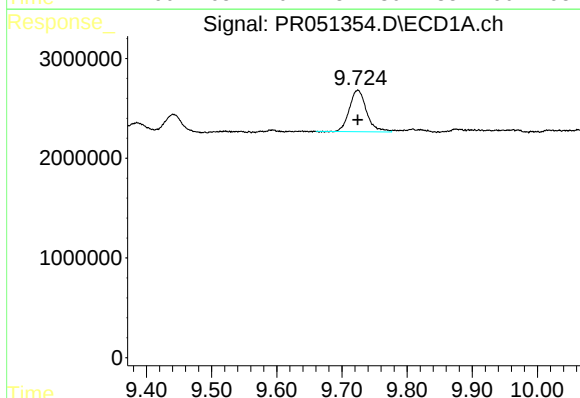
R.T.: 9.011 min
Delta R.T.: -0.019 min
Response: 9971405
Conc: 17.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



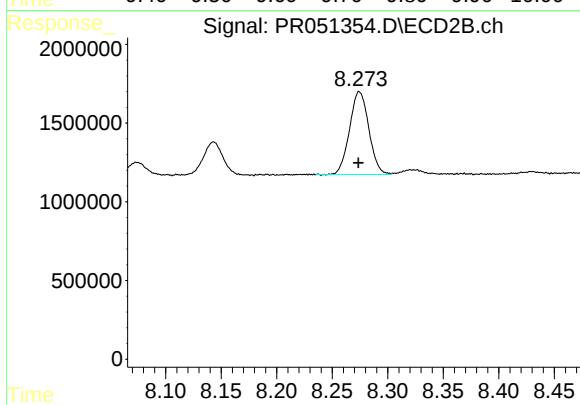
#39 AR-1262-4

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 17342602
Conc: 23.79 ng/ml



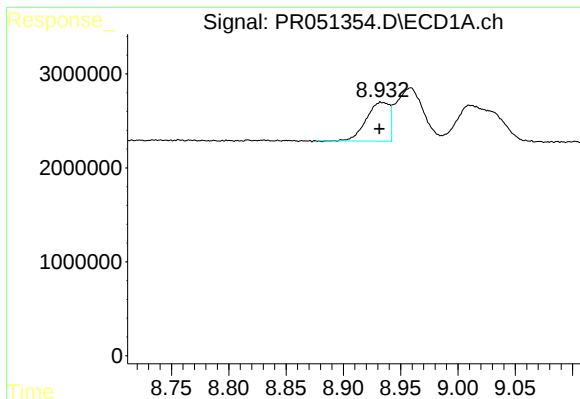
#40 AR-1262-5

R.T.: 9.725 min
Delta R.T.: 0.000 min
Response: 7640728
Conc: 18.18 ng/ml



#40 AR-1262-5

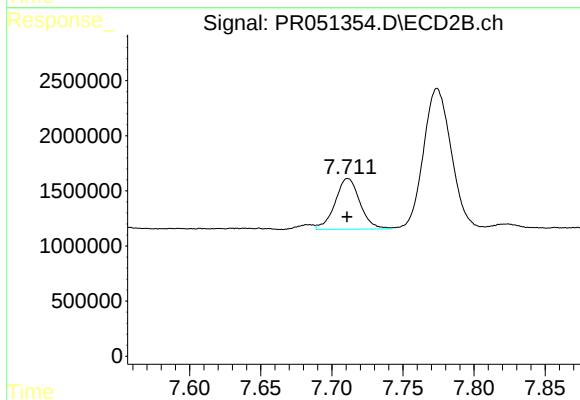
R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 6359811
Conc: 19.50 ng/ml



#41 AR-1268-1

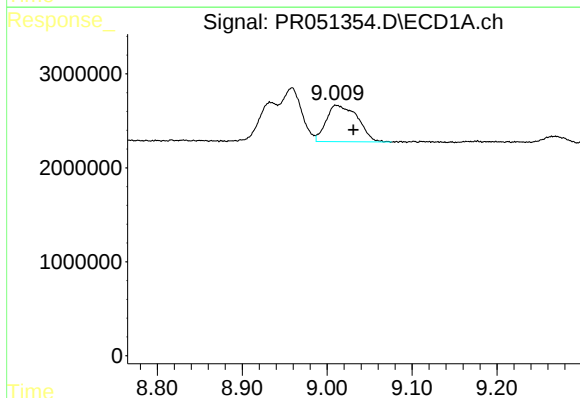
R.T.: 8.933 min
Delta R.T.: 0.002 min
Response: 5789267
Conc: 4.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



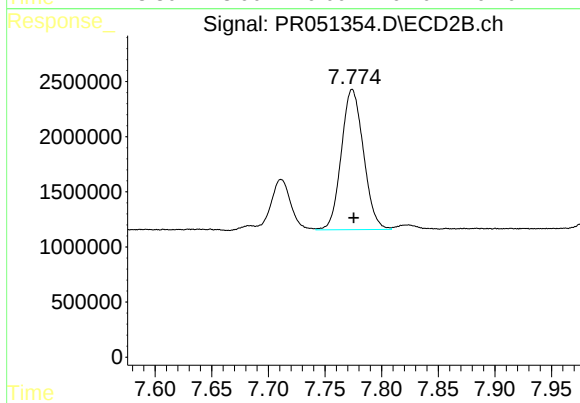
#41 AR-1268-1

R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 5606730
Conc: 5.21 ng/ml



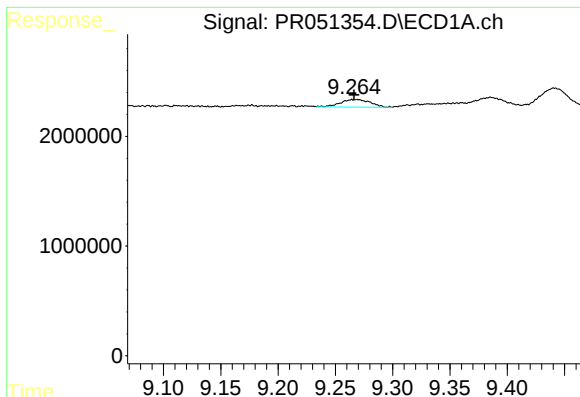
#42 AR-1268-2

R.T.: 9.011 min
Delta R.T.: -0.020 min
Response: 9971405
Conc: 7.81 ng/ml



#42 AR-1268-2

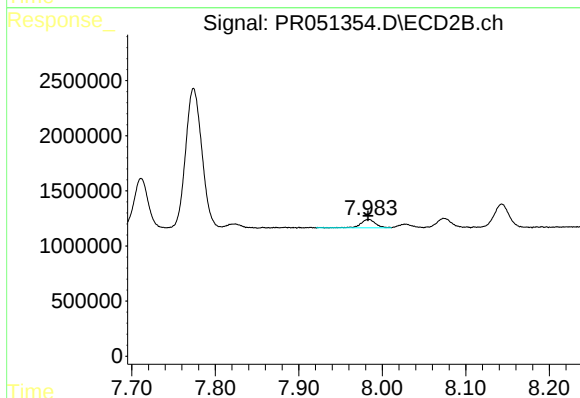
R.T.: 7.774 min
Delta R.T.: -0.001 min
Response: 17342602
Conc: 17.42 ng/ml



#43 AR-1268-3

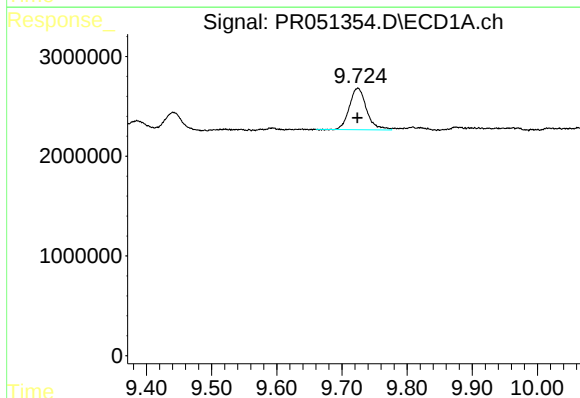
R.T.: 9.269 min
Delta R.T.: 0.003 min
Response: 1268148
Conc: 1.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



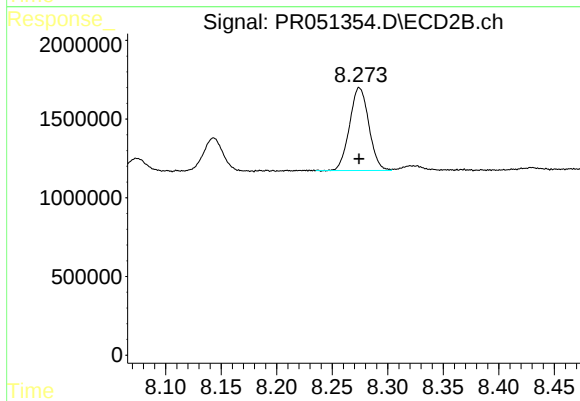
#43 AR-1268-3

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 958933
Conc: 1.17 ng/ml



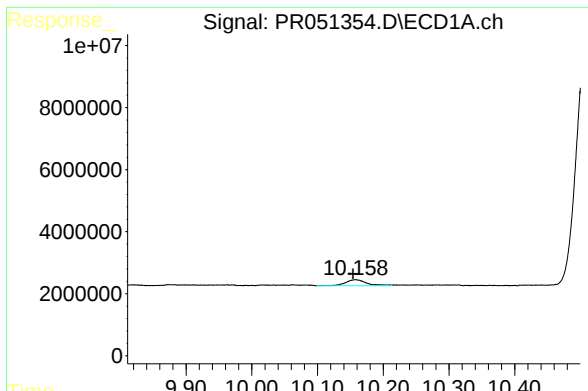
#44 AR-1268-4

R.T.: 9.725 min
Delta R.T.: 0.001 min
Response: 7640728
Conc: 16.84 ng/ml



#44 AR-1268-4

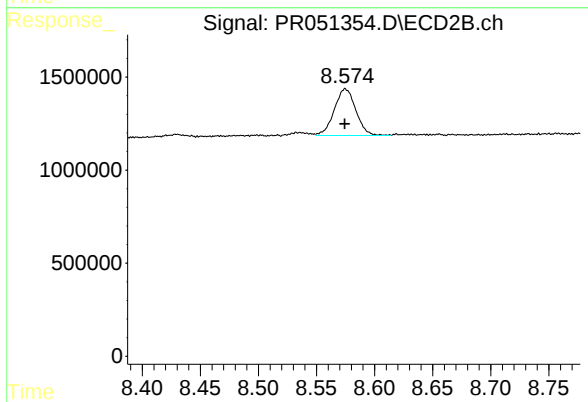
R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 6359811
Conc: 17.92 ng/ml



#45 AR-1268-5

R.T.: 10.158 min
Delta R.T.: 0.004 min
Response: 4428784
Conc: 1.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.575 min
Delta R.T.: 0.000 min
Response: 3237617
Conc: 1.17 ng/ml