

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071720\
 Data File : PR046297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2020 10:41
 Operator : AJ\MA
 Sample : L3308-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 15:59:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 04:01:55 2020
 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...	4.767	3.991	29177972	221.8E6	15.862	18.027
2)	SA Decachlor...	10.771	9.118	30439428	236.6E6	15.400	15.279
Target Compounds							
3)	L1 AR-1016-1	5.957	5.089	13043430	87302969	186.085	176.134
4)	L1 AR-1016-2	5.980	5.110	18733468	112.9E6	189.515	164.377
5)	L1 AR-1016-3	6.042	5.288	10806329	61556537	181.711	192.020
6)	L1 AR-1016-4	6.144	5.328	16165168	47752199	324.203	177.640 #
7)	L1 AR-1016-5	6.438	5.539	10259999	110.0E6	208.621	295.740 #
8)	L2 AR-1221-1	4.977	4.202	1788282	15282587	90.452	106.761
9)	L2 AR-1221-2	5.072	4.292	3490931	29564346	237.798	310.590 #
10)	L2 AR-1221-3	5.149	4.368	13045998	59231116	278.009	188.193 #
11)	L3 AR-1232-1	5.149	4.368	13045998	59231116	340.884	220.180 #
12)	L3 AR-1232-2	5.689	5.110	15356769	112.9E6	793.730	402.904 #
13)	L3 AR-1232-3	5.980	5.288	18733468	61556537	469.841	473.965
14)	L3 AR-1232-4	6.144	5.371	16165168	58375217	811.282	472.131 #
15)	L3 AR-1232-5	6.229	5.539	7820976	110.0E6	518.617	800.823 #
16)	L4 AR-1242-1	5.957	5.089	13043430	87302969	241.278	229.527
17)	L4 AR-1242-2	5.980	5.110	18733468	112.9E6	247.200	215.648
18)	L4 AR-1242-3	6.042	5.288	10806329	61556537	236.257	241.220
19)	L4 AR-1242-4	6.144	5.371	16165168	58375217	422.976	224.418 #
20)	L4 AR-1242-5	6.884	5.901	1883484	52125452	42.567	141.202 #
21)	L5 AR-1248-1	5.957	5.089	13043430	87302969	323.759	302.746
22)	L5 AR-1248-2	6.229	5.328	7820976	47752199	143.368	135.325
23)	L5 AR-1248-3	6.438	5.371	10259999	58375217	165.308	155.981
24)	L5 AR-1248-4	6.845	5.539	3072640	110.0E6	41.707	234.244 #
25)	L5 AR-1248-5	6.884	5.942	1883484	11595489	26.818	23.952
26)	L6 AR-1254-1	6.817	5.901	7846280	52125452	101.622	66.183 #
27)	L6 AR-1254-2	7.034	6.047	8986613	45852046	73.501	66.687
28)	L6 AR-1254-3	7.409	6.471f	4979815	132.6E6	37.135	111.710 #
29)	L6 AR-1254-4	7.695	6.683	5941821	15333560	57.868	19.897 #
30)	L6 AR-1254-5	8.117	7.104	29127175	196.2E6	261.934	186.716 #
31)	L7 AR-1260-1	7.569	6.586	19424339	121.9E6	208.822	168.884
32)	L7 AR-1260-2	7.826	6.774	24331065	152.0E6	211.849	171.915
33)	L7 AR-1260-3	8.190	6.929	21263469	101.0E6	236.734	122.702 #
34)	L7 AR-1260-4	8.435	7.405	19146942	120.4E6	183.931	168.529
35)	L7 AR-1260-5	8.782	7.645	35277388	217.7E6	163.635	117.592 #
36)	L8 AR-1262-1	8.190	7.104	21263469	196.2E6	174.602	400.537 #
37)	L8 AR-1262-2	8.782	7.645	35277388	217.7E6	155.804	112.022 #
38)	L8 AR-1262-3	9.118	7.931	8816763	51986432	90.291	68.785
39)	L8 AR-1262-4	9.201f	7.996	15840905	195.6E6	138.911	137.935
40)	L8 AR-1262-5	9.949	8.516	22959929	67182991	280.522	99.020 #
41)	L9 AR-1268-1	9.118	7.931	8816763	51986432	29.453	20.715 #

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 Operator : AJ\MA
 Sample : L3308-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

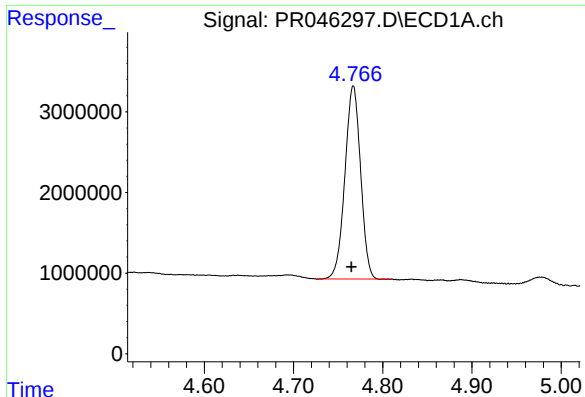
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 15:59:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.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	9.201f	7.996	15840905	195.6E6	57.003	81.531 #
43) L9	AR-1268-3	9.468	8.213	3115979	93224208	13.575	46.423 #
44) L9	AR-1268-4	9.949	8.516	22959929	67182991	221.848	77.096 #
45) L9	AR-1268-5	10.397	8.836	12604134	24714035	16.124	3.903 #

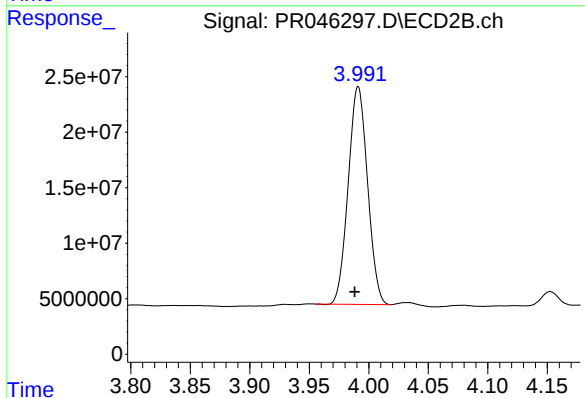
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

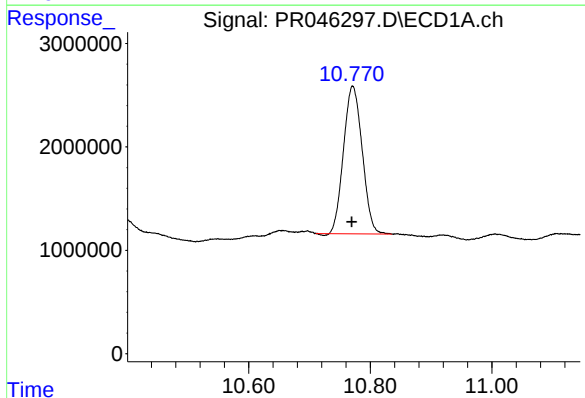
R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 29177972
Conc: 15.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



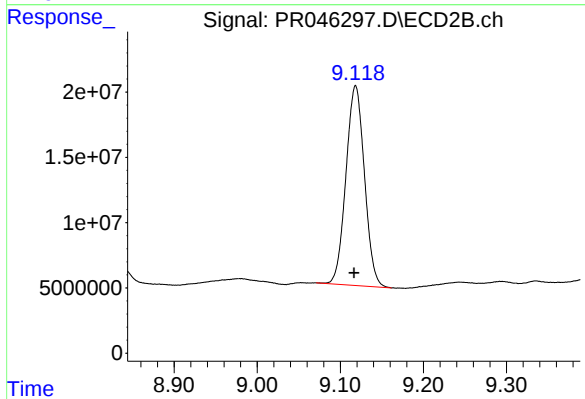
#1 Tetrachloro-m-xylene

R.T.: 3.991 min
Delta R.T.: 0.003 min
Response: 221847665
Conc: 18.03 ng/ml



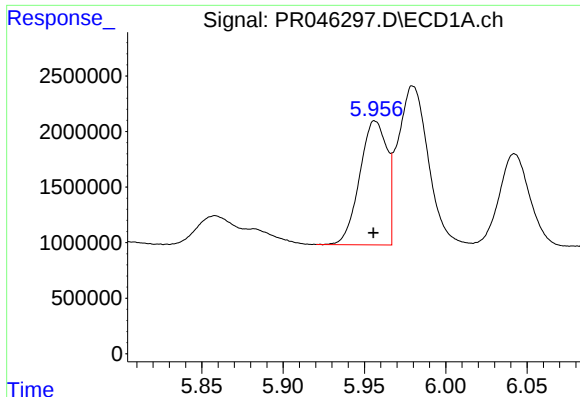
#2 Decachlorobiphenyl

R.T.: 10.771 min
Delta R.T.: 0.002 min
Response: 30439428
Conc: 15.40 ng/ml



#2 Decachlorobiphenyl

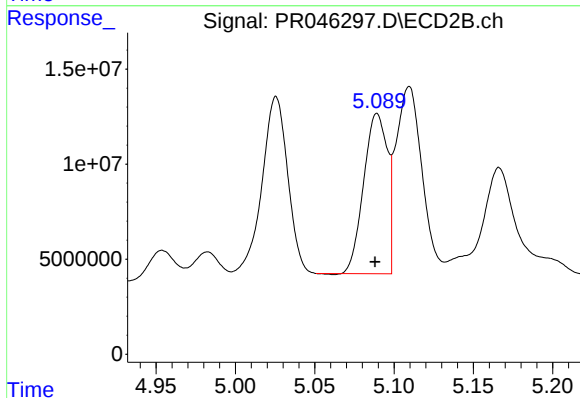
R.T.: 9.118 min
Delta R.T.: 0.002 min
Response: 236575709
Conc: 15.28 ng/ml



#3 AR-1016-1

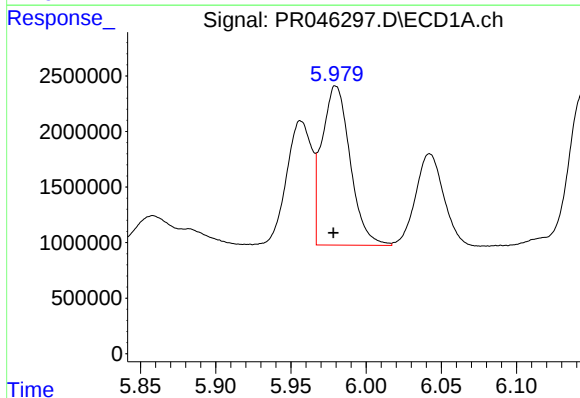
R.T.: 5.957 min
Delta R.T.: 0.001 min
Response: 13043430
Conc: 186.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



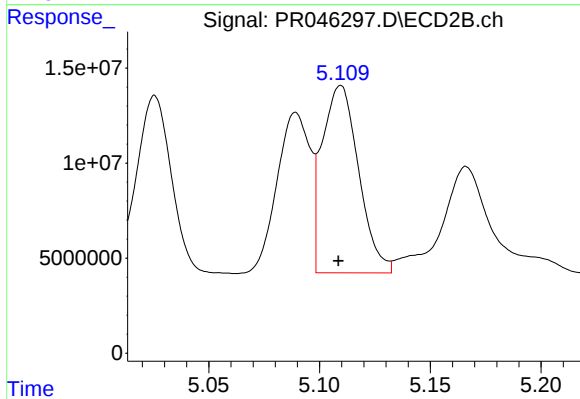
#3 AR-1016-1

R.T.: 5.089 min
Delta R.T.: 0.001 min
Response: 87302969
Conc: 176.13 ng/ml



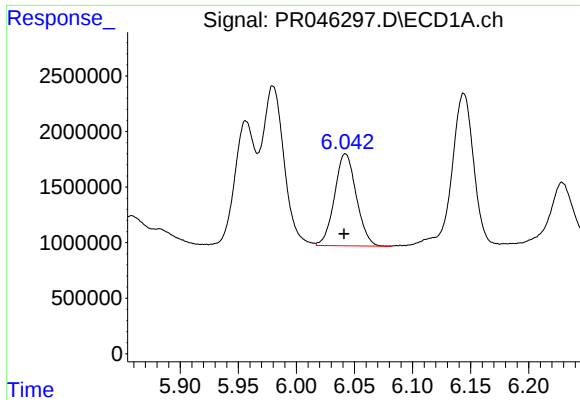
#4 AR-1016-2

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 18733468
Conc: 189.52 ng/ml



#4 AR-1016-2

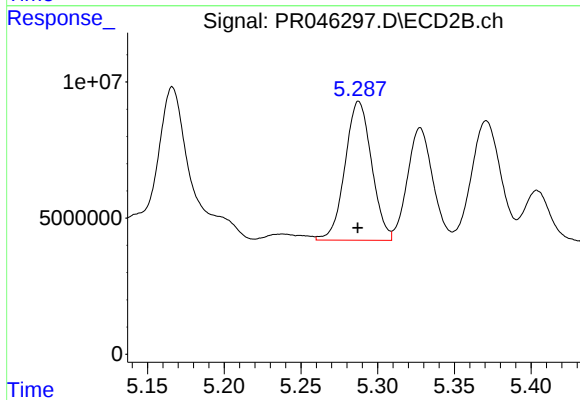
R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 112944969
Conc: 164.38 ng/ml



#5 AR-1016-3

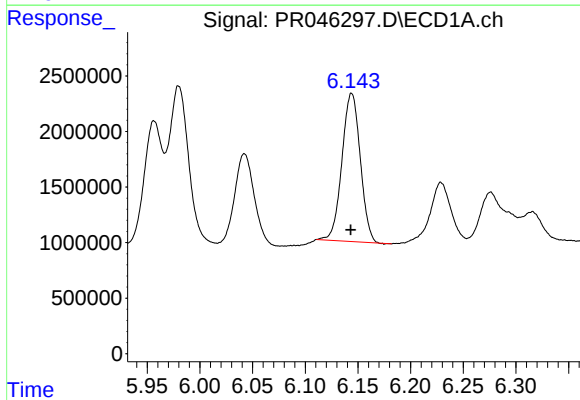
R.T.: 6.042 min
Delta R.T.: 0.001 min
Response: 10806329
Conc: 181.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



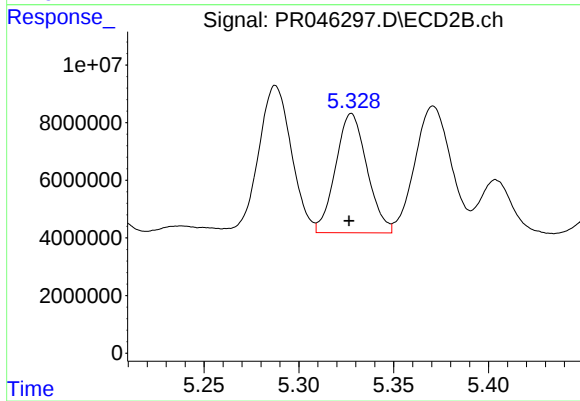
#5 AR-1016-3

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 61556537
Conc: 192.02 ng/ml



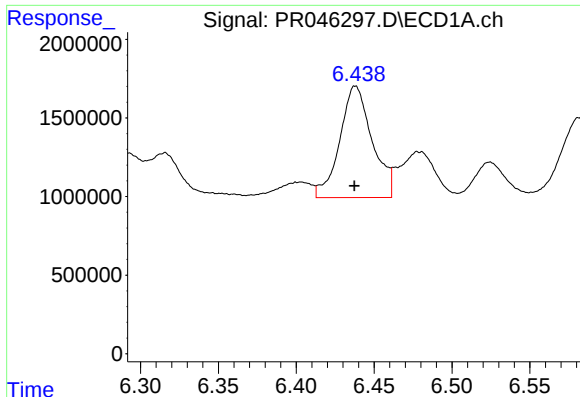
#6 AR-1016-4

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 16165168
Conc: 324.20 ng/ml



#6 AR-1016-4

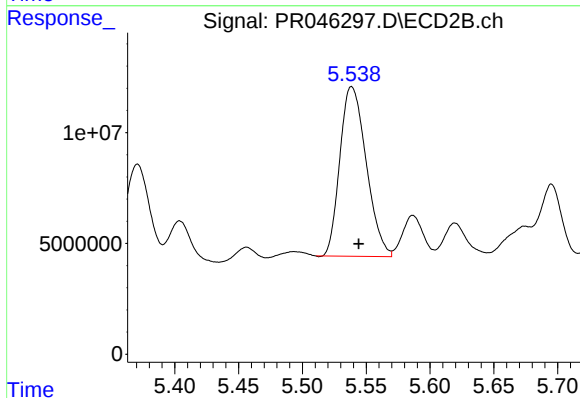
R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 47752199
Conc: 177.64 ng/ml



#7 AR-1016-5

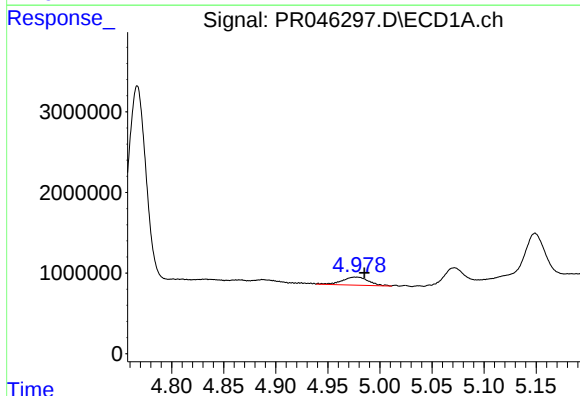
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 10259999
Conc: 208.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



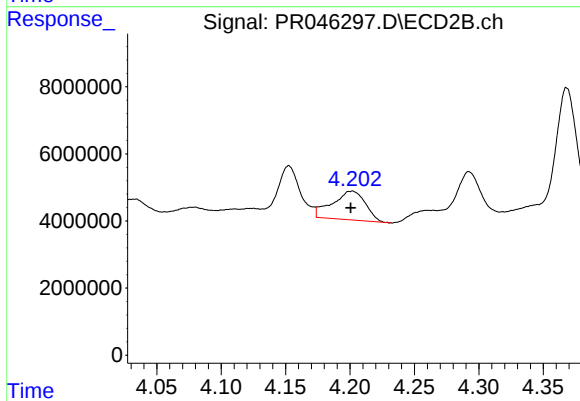
#7 AR-1016-5

R.T.: 5.539 min
Delta R.T.: -0.006 min
Response: 109965092
Conc: 295.74 ng/ml



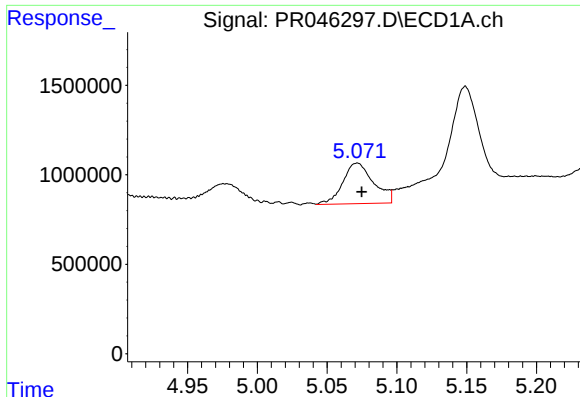
#8 AR-1221-1

R.T.: 4.977 min
Delta R.T.: -0.008 min
Response: 1788282
Conc: 90.45 ng/ml



#8 AR-1221-1

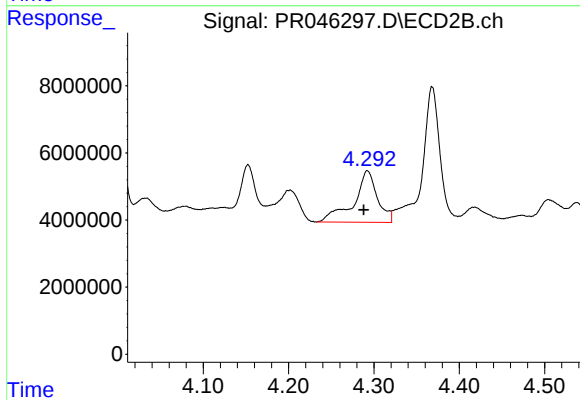
R.T.: 4.202 min
Delta R.T.: 0.001 min
Response: 15282587
Conc: 106.76 ng/ml



#9 AR-1221-2

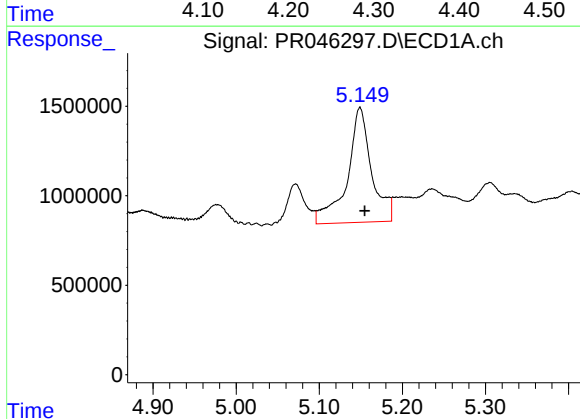
R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 3490931
Conc: 237.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



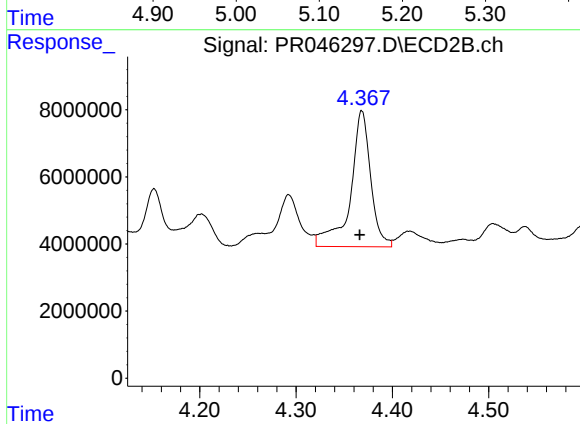
#9 AR-1221-2

R.T.: 4.292 min
Delta R.T.: 0.004 min
Response: 29564346
Conc: 310.59 ng/ml



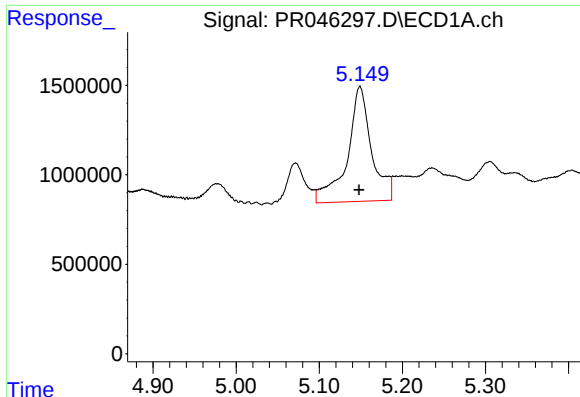
#10 AR-1221-3

R.T.: 5.149 min
Delta R.T.: -0.006 min
Response: 13045998
Conc: 278.01 ng/ml



#10 AR-1221-3

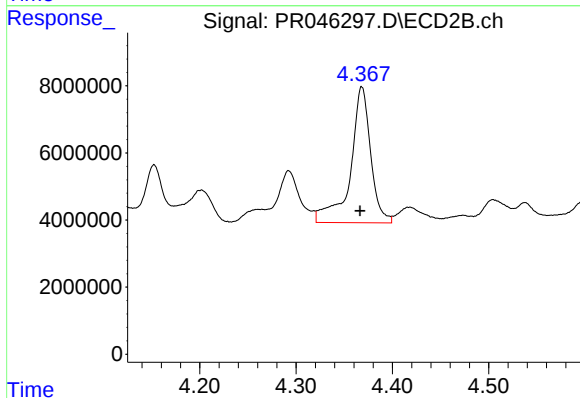
R.T.: 4.368 min
Delta R.T.: 0.002 min
Response: 59231116
Conc: 188.19 ng/ml



#11 AR-1232-1

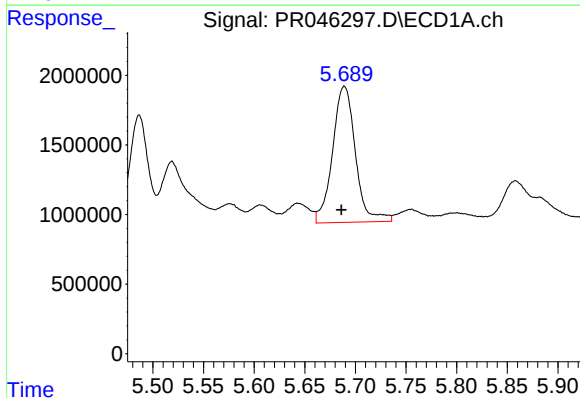
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 13045998
Conc: 340.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



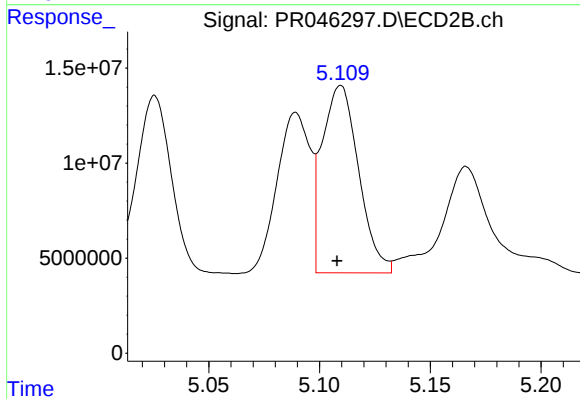
#11 AR-1232-1

R.T.: 4.368 min
Delta R.T.: 0.002 min
Response: 59231116
Conc: 220.18 ng/ml



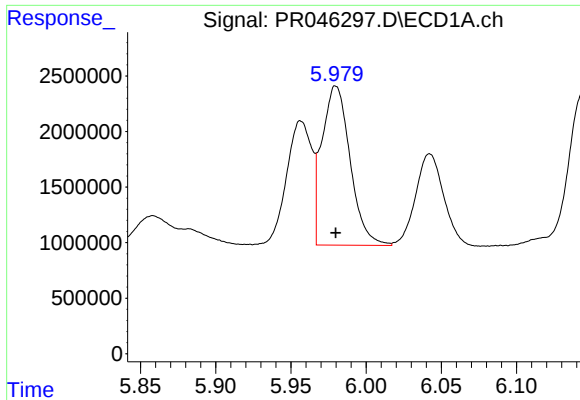
#12 AR-1232-2

R.T.: 5.689 min
Delta R.T.: 0.003 min
Response: 15356769
Conc: 793.73 ng/ml



#12 AR-1232-2

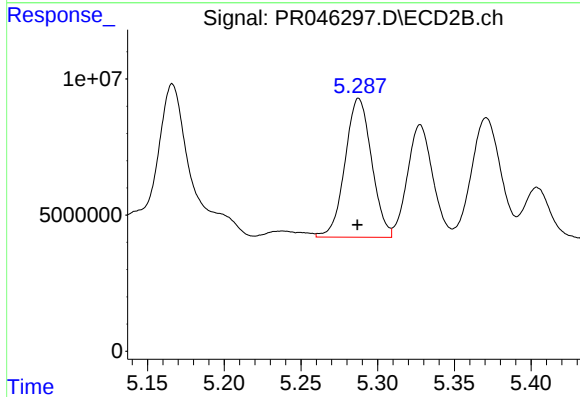
R.T.: 5.110 min
Delta R.T.: 0.002 min
Response: 112944969
Conc: 402.90 ng/ml



#13 AR-1232-3

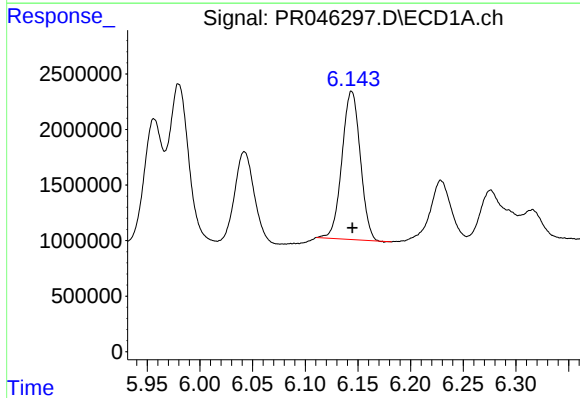
R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 18733468
Conc: 469.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



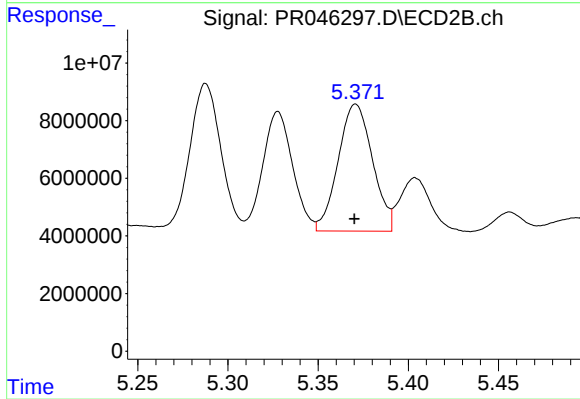
#13 AR-1232-3

R.T.: 5.288 min
Delta R.T.: 0.001 min
Response: 61556537
Conc: 473.96 ng/ml



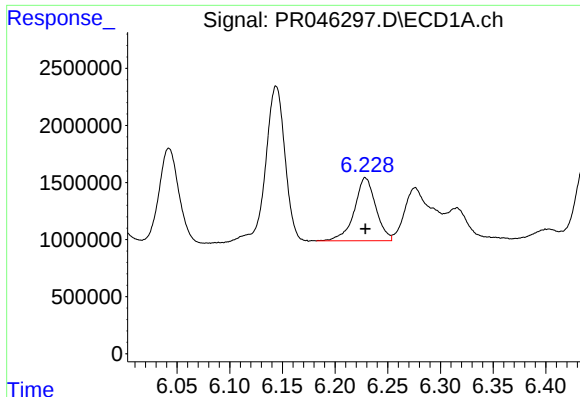
#14 AR-1232-4

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 16165168
Conc: 811.28 ng/ml



#14 AR-1232-4

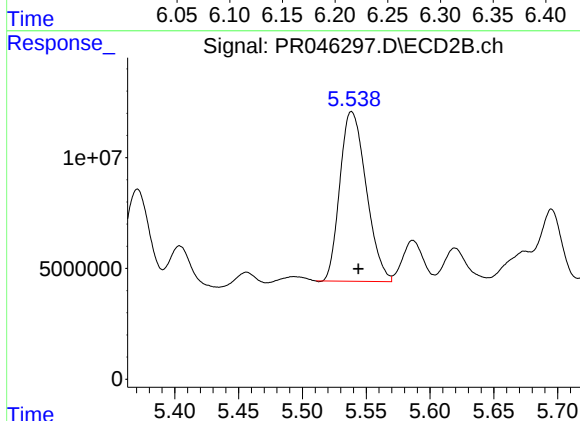
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 58375217
Conc: 472.13 ng/ml



#15 AR-1232-5

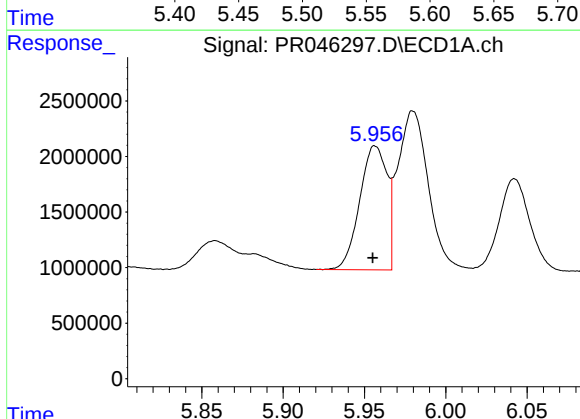
R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 7820976
Conc: 518.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



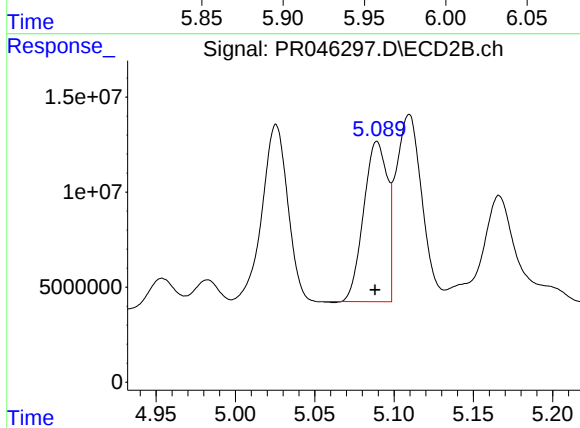
#15 AR-1232-5

R.T.: 5.539 min
Delta R.T.: -0.005 min
Response: 109965092
Conc: 800.82 ng/ml



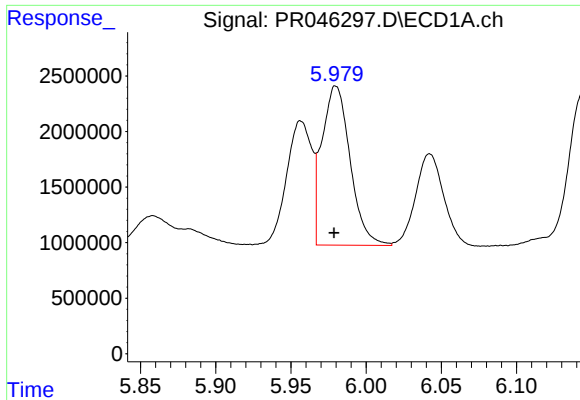
#16 AR-1242-1

R.T.: 5.957 min
Delta R.T.: 0.001 min
Response: 13043430
Conc: 241.28 ng/ml



#16 AR-1242-1

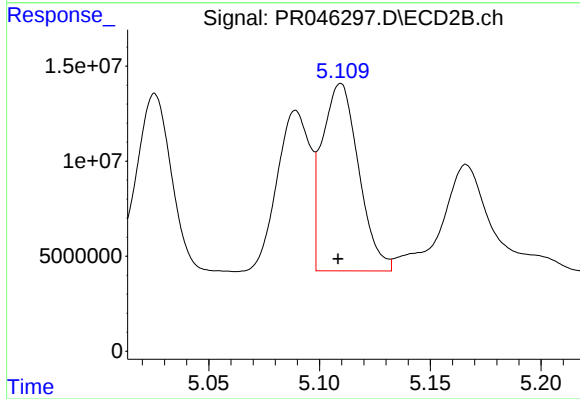
R.T.: 5.089 min
Delta R.T.: 0.001 min
Response: 87302969
Conc: 229.53 ng/ml



#17 AR-1242-2

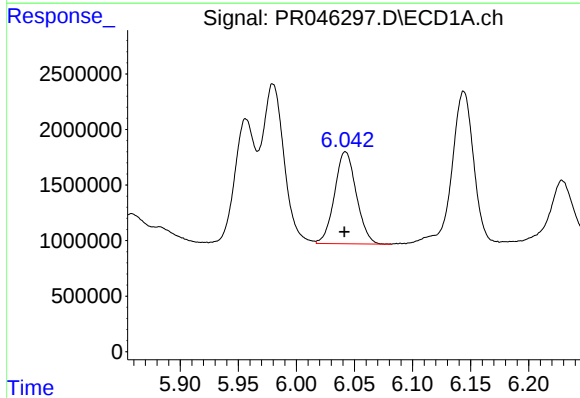
R.T.: 5.980 min
Delta R.T.: 0.001 min
Response: 18733468
Conc: 247.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



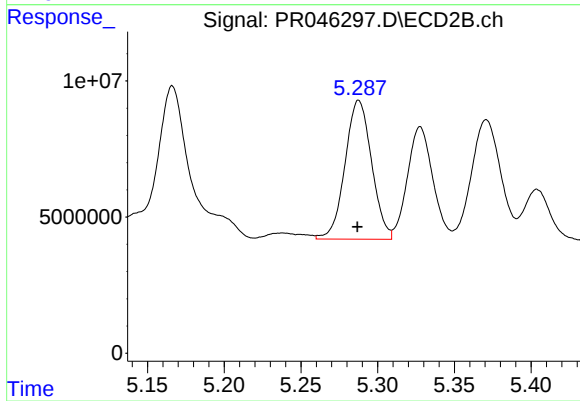
#17 AR-1242-2

R.T.: 5.110 min
Delta R.T.: 0.001 min
Response: 112944969
Conc: 215.65 ng/ml



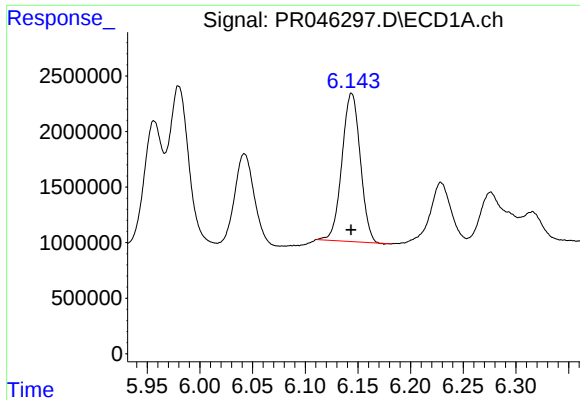
#18 AR-1242-3

R.T.: 6.042 min
Delta R.T.: 0.001 min
Response: 10806329
Conc: 236.26 ng/ml



#18 AR-1242-3

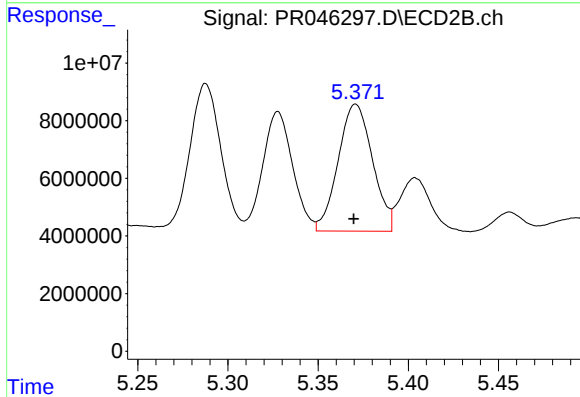
R.T.: 5.288 min
Delta R.T.: 0.001 min
Response: 61556537
Conc: 241.22 ng/ml



#19 AR-1242-4

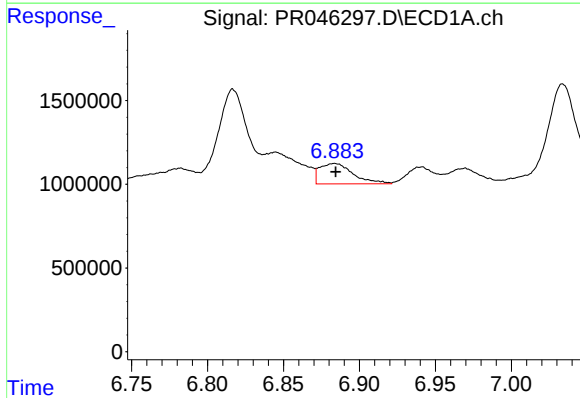
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 16165168
Conc: 422.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



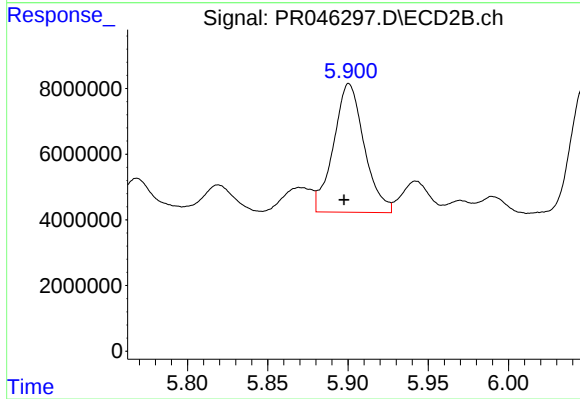
#19 AR-1242-4

R.T.: 5.371 min
Delta R.T.: 0.001 min
Response: 58375217
Conc: 224.42 ng/ml



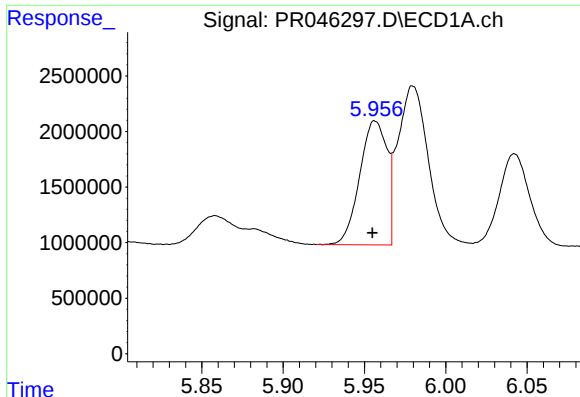
#20 AR-1242-5

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 1883484
Conc: 42.57 ng/ml



#20 AR-1242-5

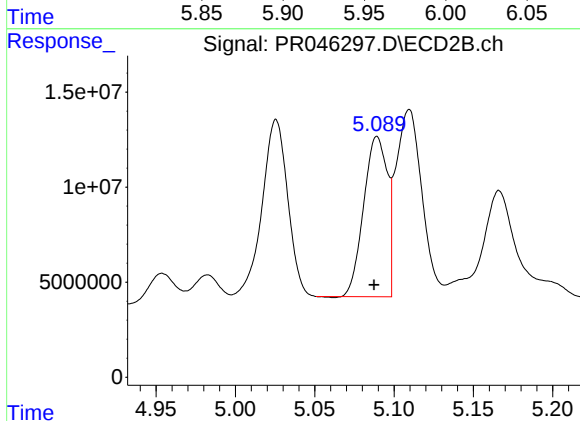
R.T.: 5.901 min
Delta R.T.: 0.003 min
Response: 52125452
Conc: 141.20 ng/ml



#21 AR-1248-1

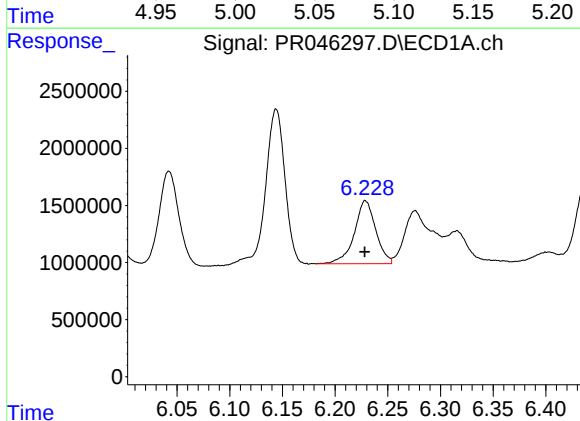
R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 13043430
Conc: 323.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



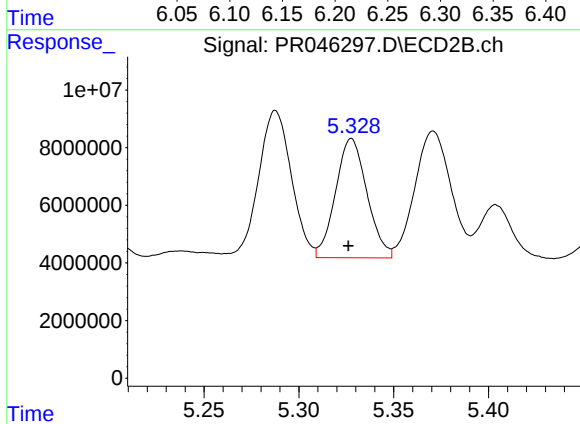
#21 AR-1248-1

R.T.: 5.089 min
Delta R.T.: 0.002 min
Response: 87302969
Conc: 302.75 ng/ml



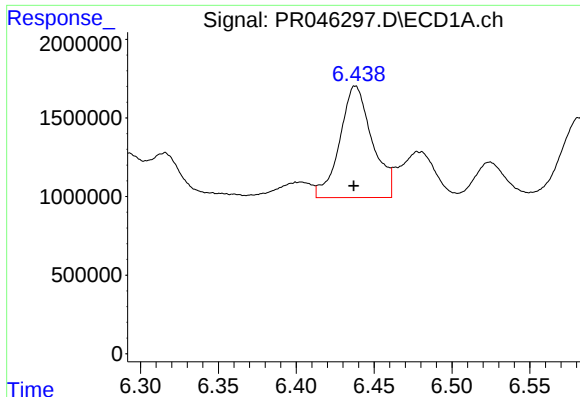
#22 AR-1248-2

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 7820976
Conc: 143.37 ng/ml



#22 AR-1248-2

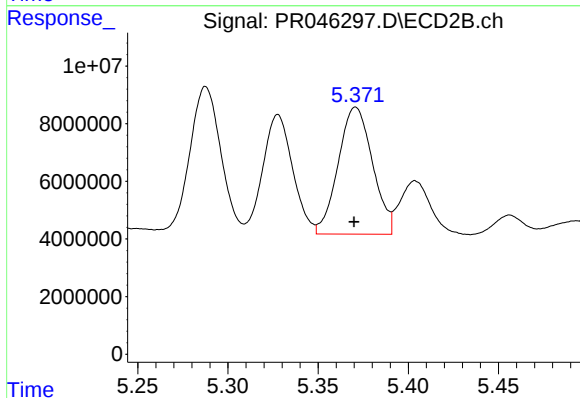
R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 47752199
Conc: 135.33 ng/ml



#23 AR-1248-3

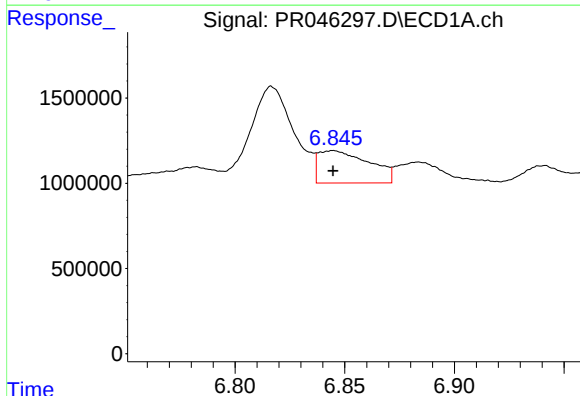
R.T.: 6.438 min
Delta R.T.: 0.001 min
Response: 10259999
Conc: 165.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



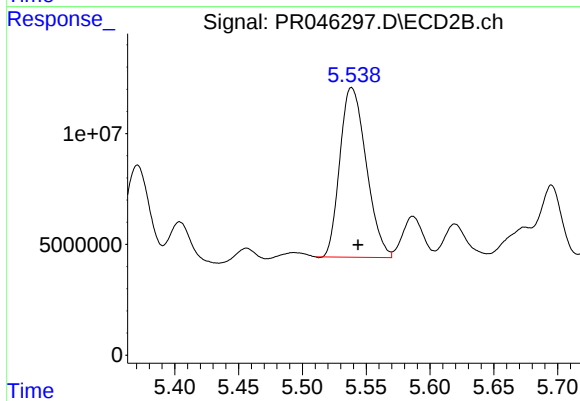
#23 AR-1248-3

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 58375217
Conc: 155.98 ng/ml



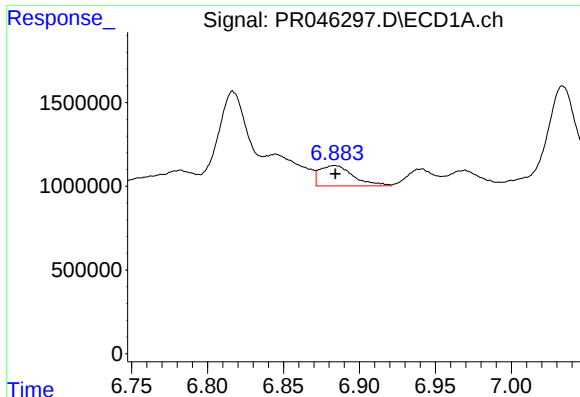
#24 AR-1248-4

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 3072640
Conc: 41.71 ng/ml



#24 AR-1248-4

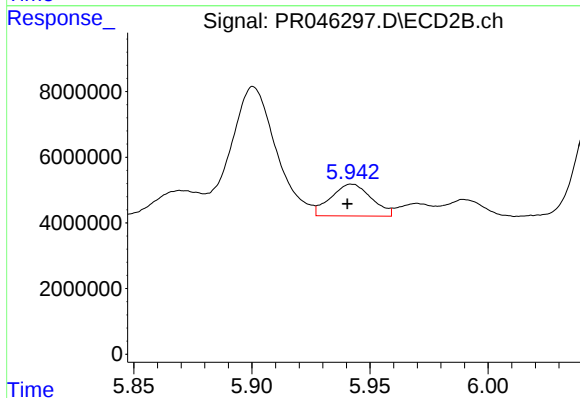
R.T.: 5.539 min
Delta R.T.: -0.005 min
Response: 109965092
Conc: 234.24 ng/ml



#25 AR-1248-5

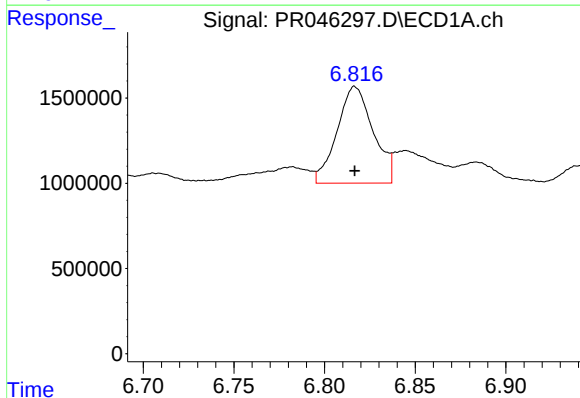
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 1883484
Conc: 26.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



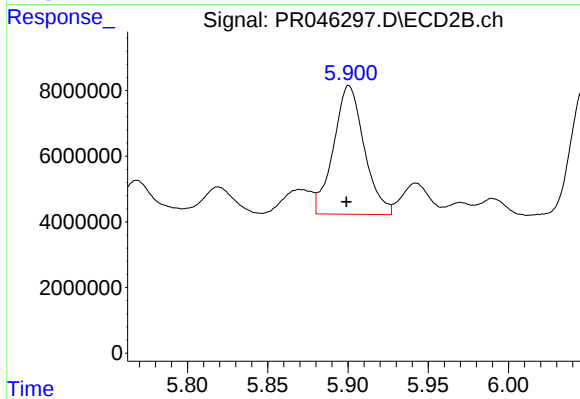
#25 AR-1248-5

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 11595489
Conc: 23.95 ng/ml



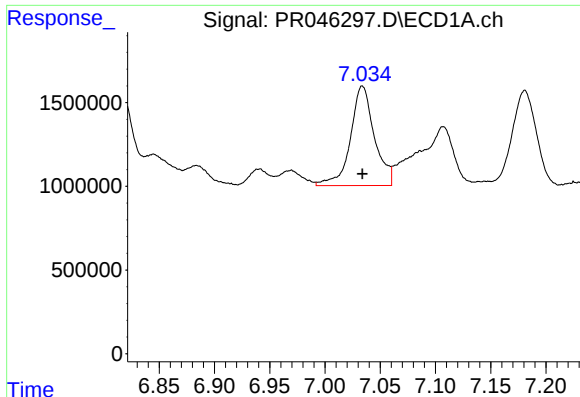
#26 AR-1254-1

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 7846280
Conc: 101.62 ng/ml



#26 AR-1254-1

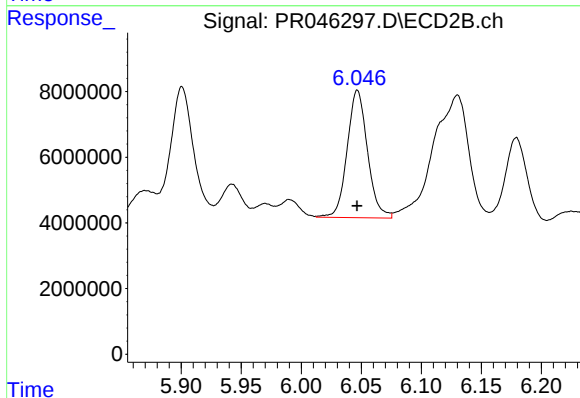
R.T.: 5.901 min
Delta R.T.: 0.002 min
Response: 52125452
Conc: 66.18 ng/ml



#27 AR-1254-2

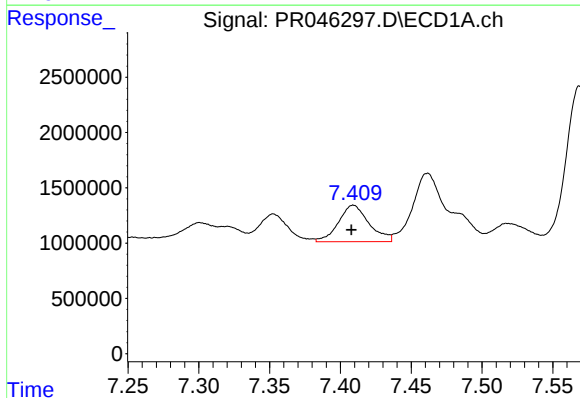
R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 8986613
Conc: 73.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



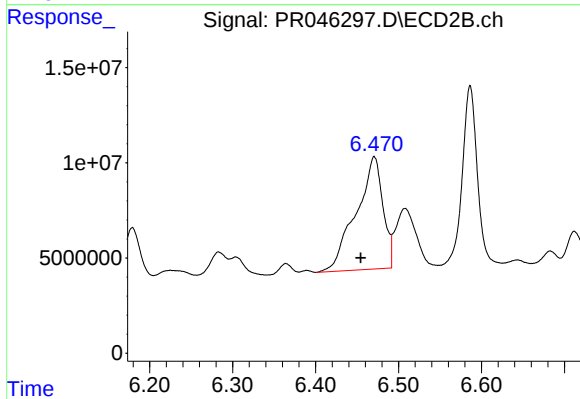
#27 AR-1254-2

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 45852046
Conc: 66.69 ng/ml



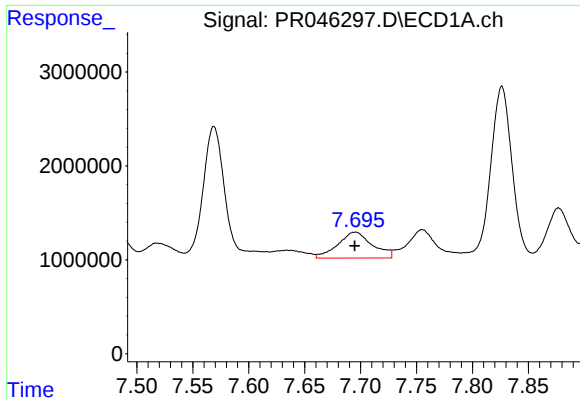
#28 AR-1254-3

R.T.: 7.409 min
Delta R.T.: 0.001 min
Response: 4979815
Conc: 37.14 ng/ml



#28 AR-1254-3

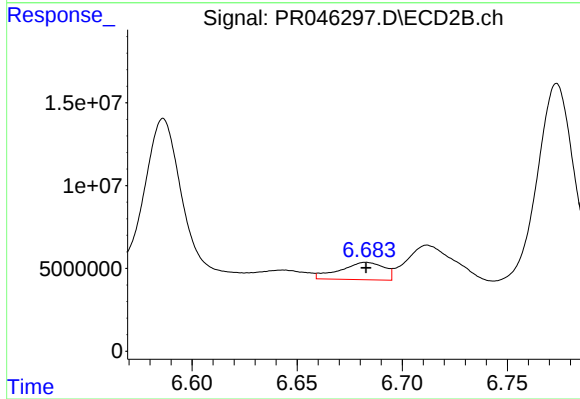
R.T.: 6.471 min
Delta R.T.: 0.017 min
Response: 132617898
Conc: 111.71 ng/ml



#29 AR-1254-4

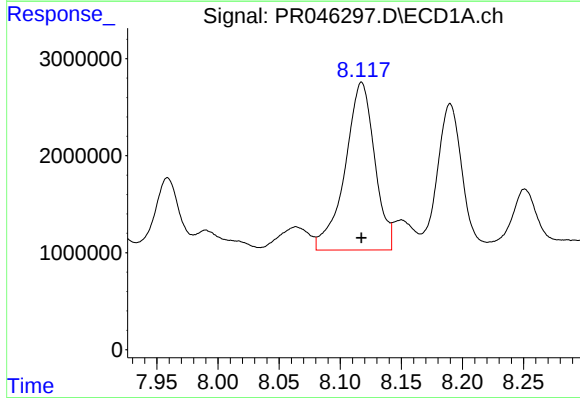
R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 5941821
Conc: 57.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



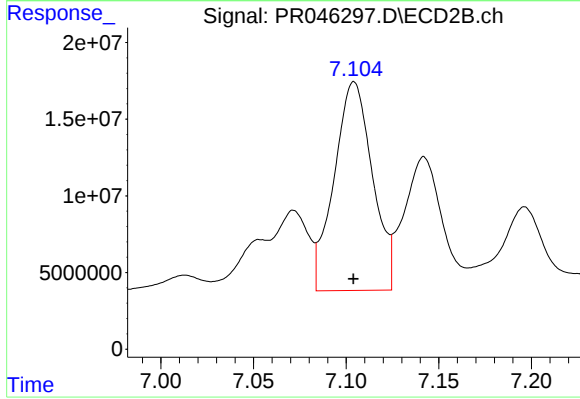
#29 AR-1254-4

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 15333560
Conc: 19.90 ng/ml



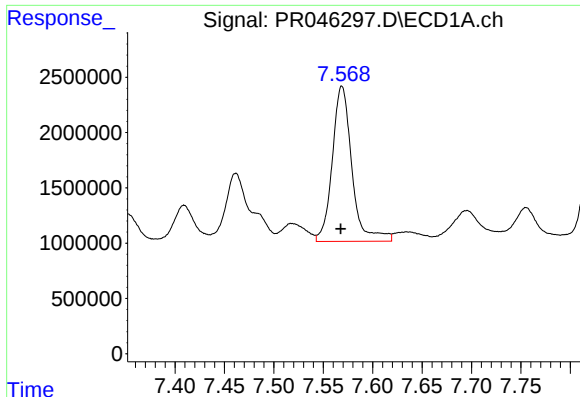
#30 AR-1254-5

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 29127175
Conc: 261.93 ng/ml



#30 AR-1254-5

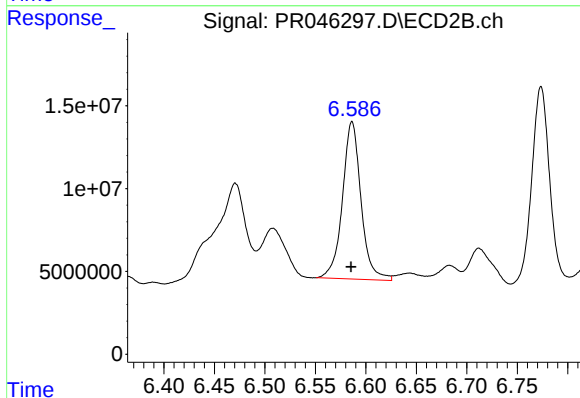
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 196186919
Conc: 186.72 ng/ml



#31 AR-1260-1

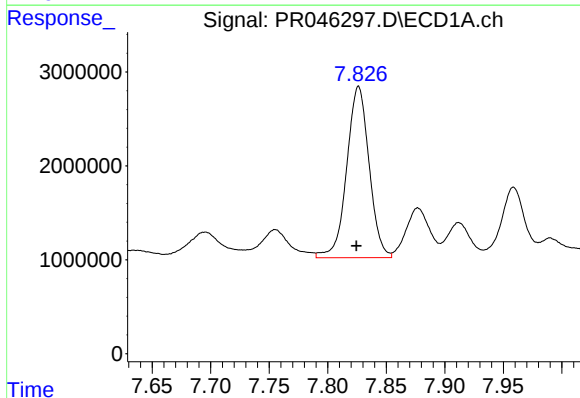
R.T.: 7.569 min
Delta R.T.: 0.001 min
Response: 19424339
Conc: 208.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



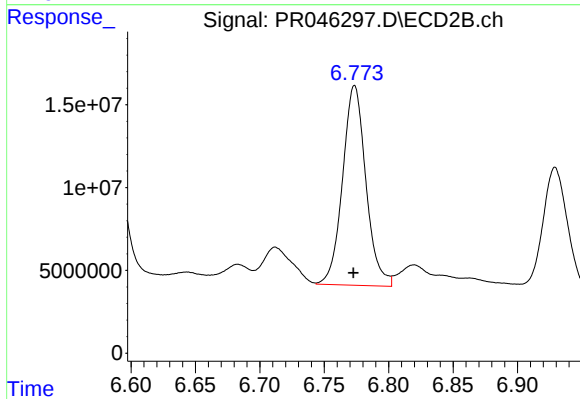
#31 AR-1260-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 121879342
Conc: 168.88 ng/ml



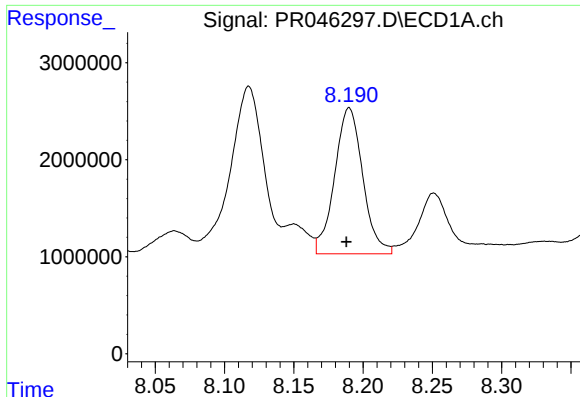
#32 AR-1260-2

R.T.: 7.826 min
Delta R.T.: 0.002 min
Response: 24331065
Conc: 211.85 ng/ml



#32 AR-1260-2

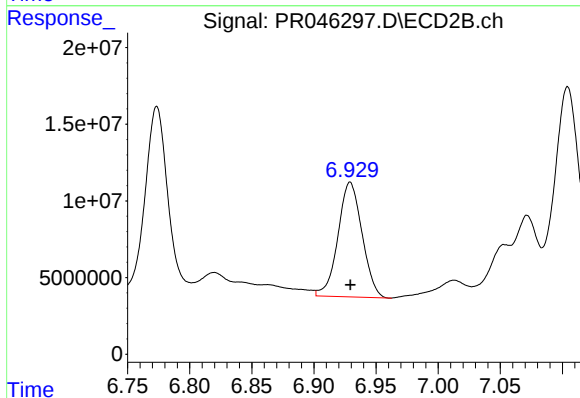
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 152019753
Conc: 171.91 ng/ml



#33 AR-1260-3

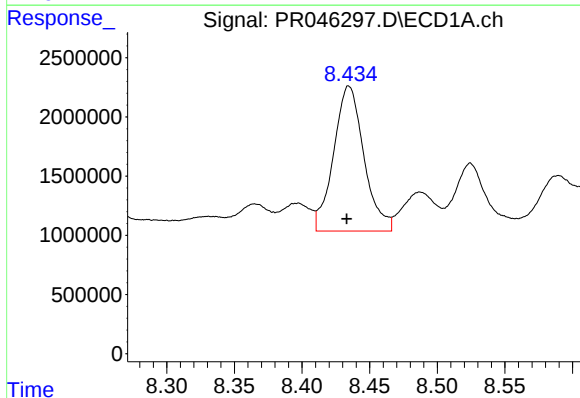
R.T.: 8.190 min
Delta R.T.: 0.002 min
Response: 21263469
Conc: 236.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



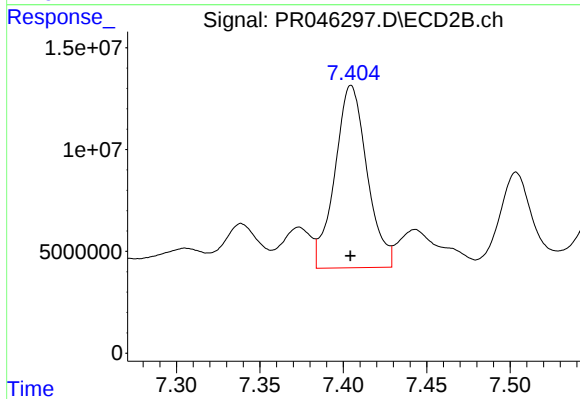
#33 AR-1260-3

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 101022908
Conc: 122.70 ng/ml



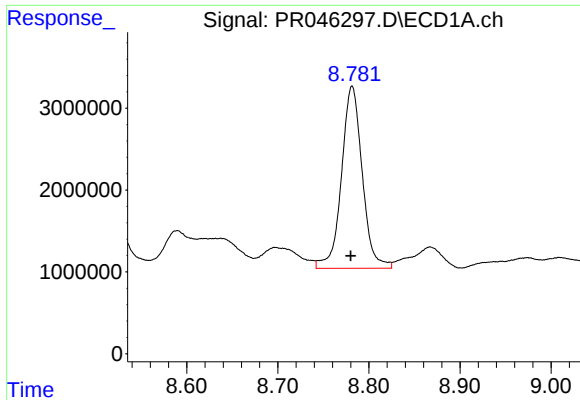
#34 AR-1260-4

R.T.: 8.435 min
Delta R.T.: 0.002 min
Response: 19146942
Conc: 183.93 ng/ml



#34 AR-1260-4

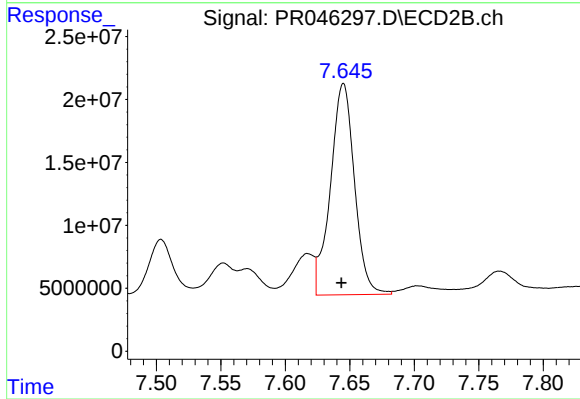
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 120426498
Conc: 168.53 ng/ml



#35 AR-1260-5

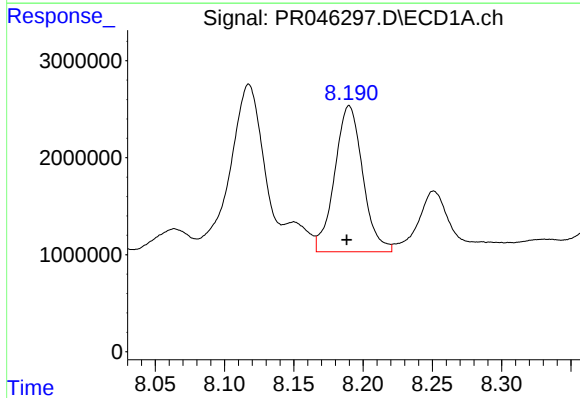
R.T.: 8.782 min
Delta R.T.: 0.002 min
Response: 35277388
Conc: 163.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



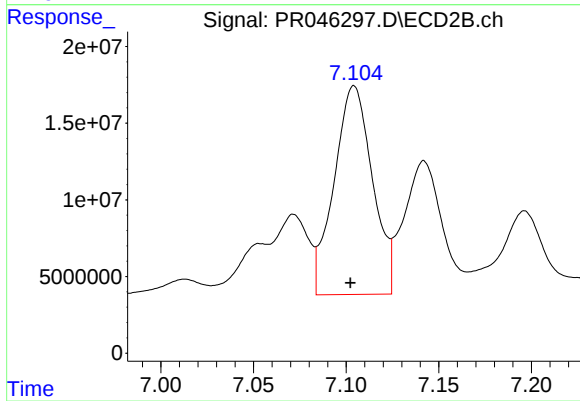
#35 AR-1260-5

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 217737762
Conc: 117.59 ng/ml



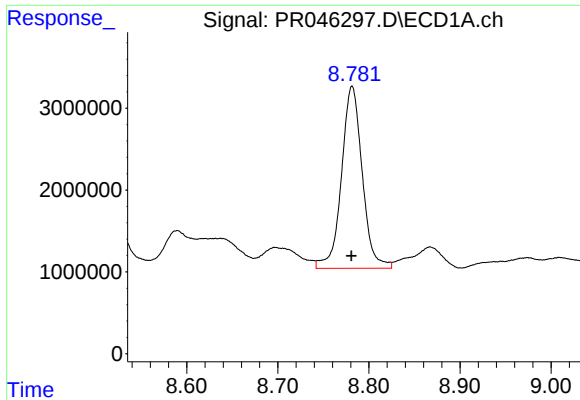
#36 AR-1262-1

R.T.: 8.190 min
Delta R.T.: 0.002 min
Response: 21263469
Conc: 174.60 ng/ml



#36 AR-1262-1

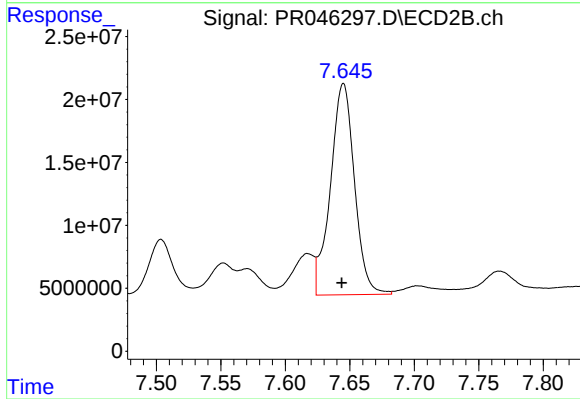
R.T.: 7.104 min
Delta R.T.: 0.002 min
Response: 196186919
Conc: 400.54 ng/ml



#37 AR-1262-2

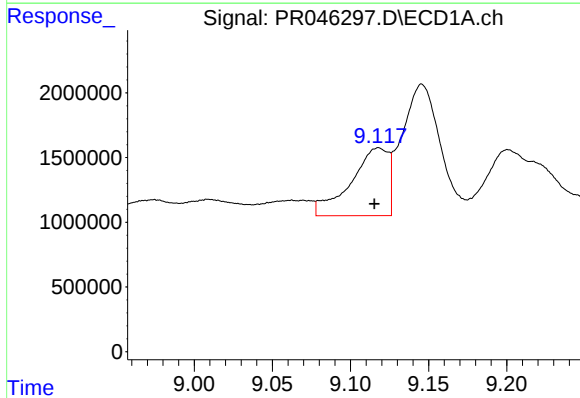
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 35277388
Conc: 155.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



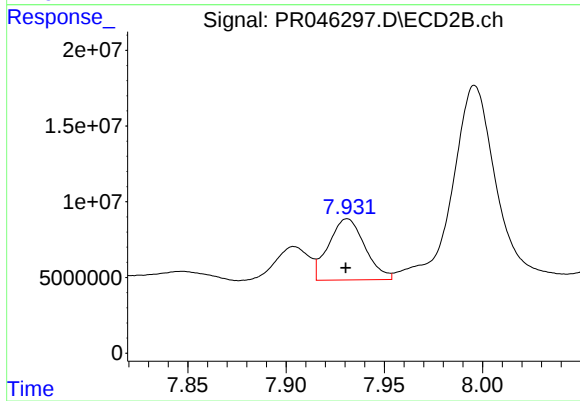
#37 AR-1262-2

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 217737762
Conc: 112.02 ng/ml



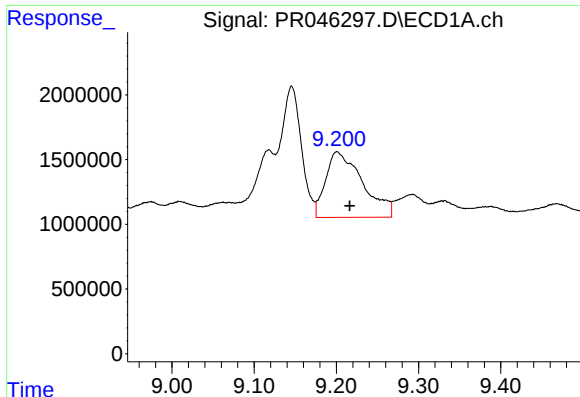
#38 AR-1262-3

R.T.: 9.118 min
Delta R.T.: 0.003 min
Response: 8816763
Conc: 90.29 ng/ml



#38 AR-1262-3

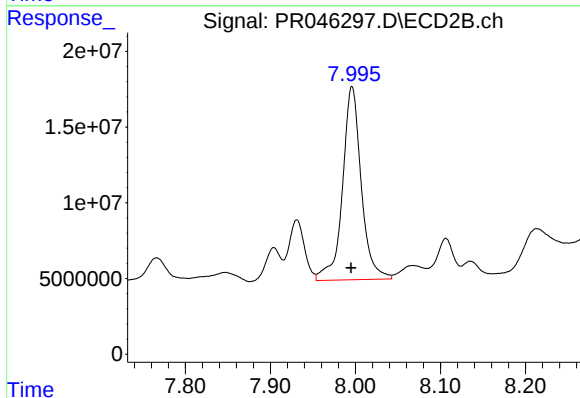
R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 51986432
Conc: 68.78 ng/ml



#39 AR-1262-4

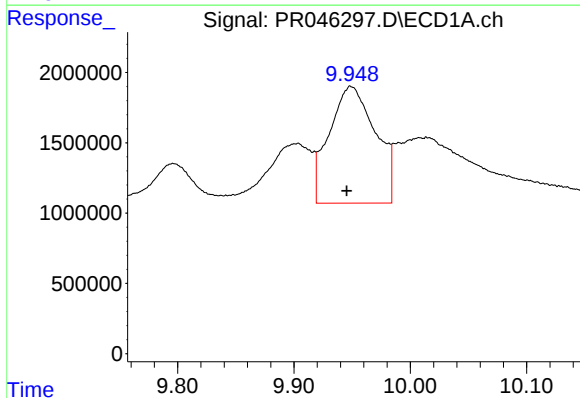
R.T.: 9.201 min
Delta R.T.: -0.016 min
Response: 15840905
Conc: 138.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



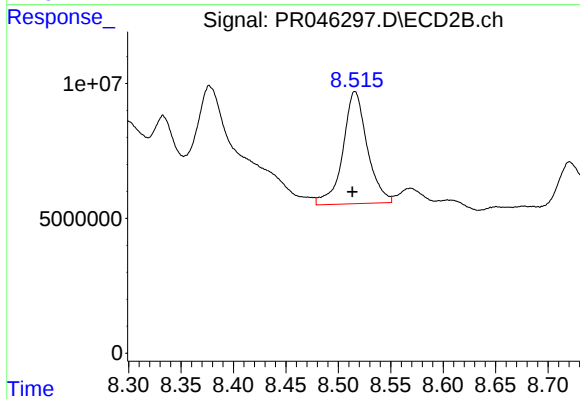
#39 AR-1262-4

R.T.: 7.996 min
Delta R.T.: 0.001 min
Response: 195638523
Conc: 137.93 ng/ml



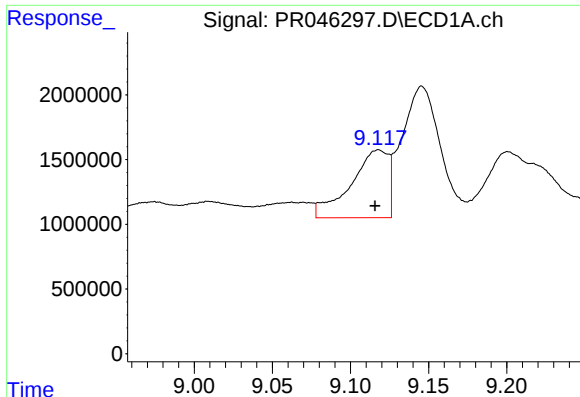
#40 AR-1262-5

R.T.: 9.949 min
Delta R.T.: 0.004 min
Response: 22959929
Conc: 280.52 ng/ml



#40 AR-1262-5

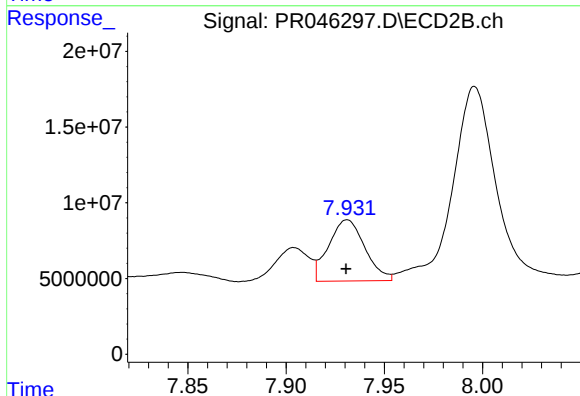
R.T.: 8.516 min
Delta R.T.: 0.002 min
Response: 67182991
Conc: 99.02 ng/ml



#41 AR-1268-1

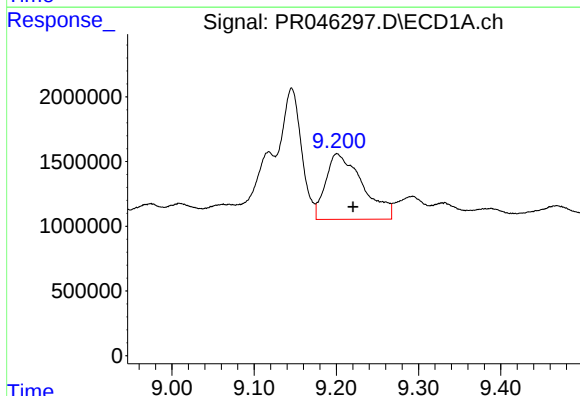
R.T.: 9.118 min
Delta R.T.: 0.002 min
Response: 8816763
Conc: 29.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



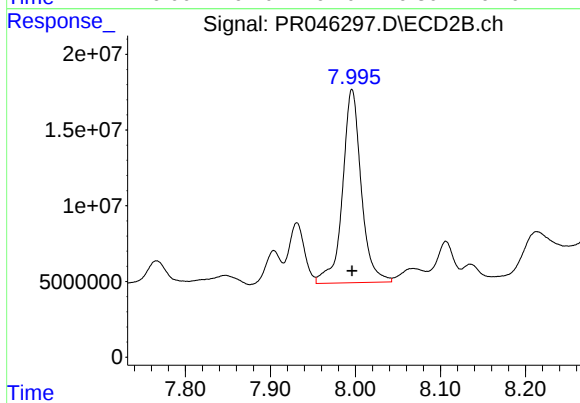
#41 AR-1268-1

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 51986432
Conc: 20.71 ng/ml



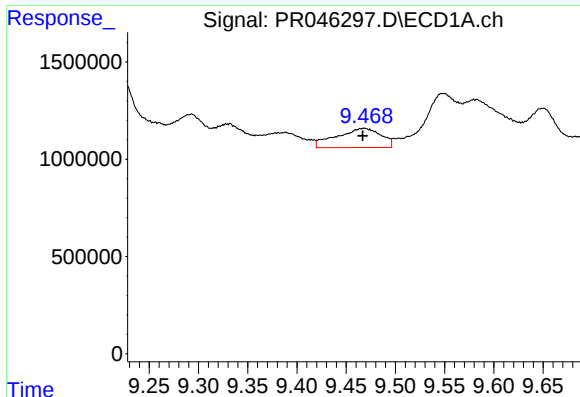
#42 AR-1268-2

R.T.: 9.201 min
Delta R.T.: -0.019 min
Response: 15840905
Conc: 57.00 ng/ml



#42 AR-1268-2

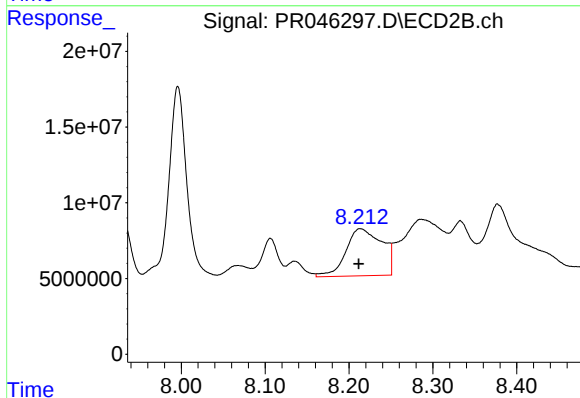
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 195638523
Conc: 81.53 ng/ml



#43 AR-1268-3

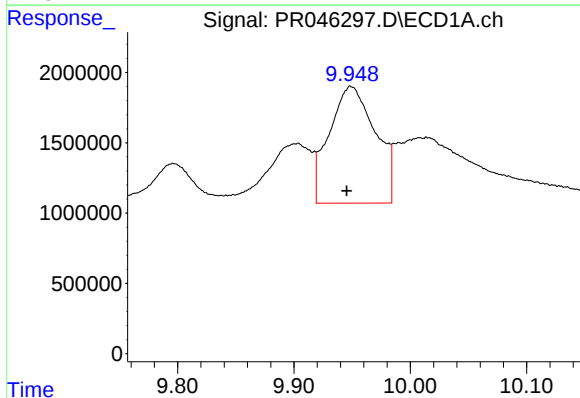
R.T.: 9.468 min
Delta R.T.: 0.002 min
Response: 3115979
Conc: 13.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



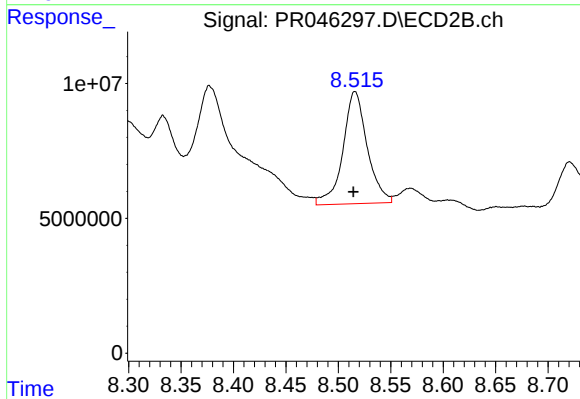
#43 AR-1268-3

R.T.: 8.213 min
Delta R.T.: 0.002 min
Response: 93224208
Conc: 46.42 ng/ml



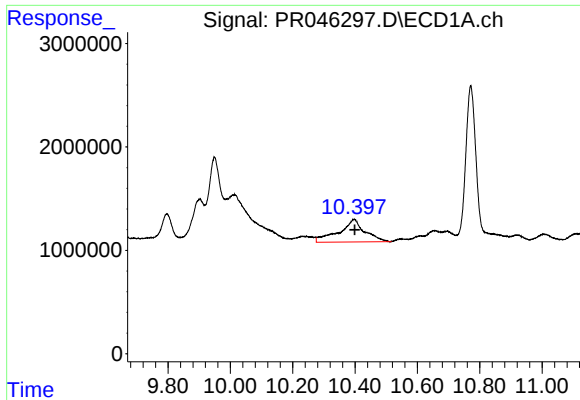
#44 AR-1268-4

R.T.: 9.949 min
Delta R.T.: 0.004 min
Response: 22959929
Conc: 221.85 ng/ml



#44 AR-1268-4

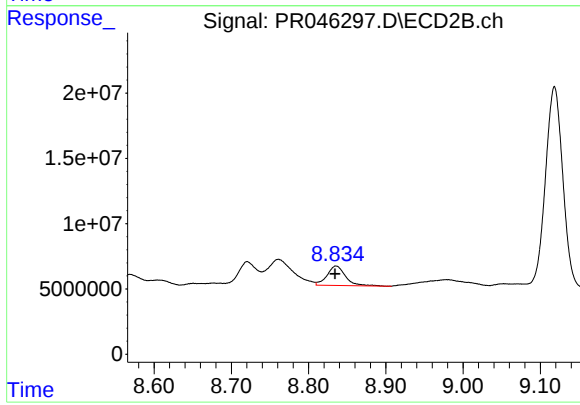
R.T.: 8.516 min
Delta R.T.: 0.001 min
Response: 67182991
Conc: 77.10 ng/ml



#45 AR-1268-5

R.T.: 10.397 min
Delta R.T.: -0.002 min
Response: 12604134
Conc: 16.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.836 min
Delta R.T.: 0.001 min
Response: 24714035
Conc: 3.90 ng/ml