

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011421\
 Data File : PR049342.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jan 2021 13:53
 Operator : AJ\MA
 Sample : M1104-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 01:13:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 13 16:16:45 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...	4.669	3.855	40437195	49654033	17.021	18.365
2)	SA Decachlor...	10.549	8.907	33305399	93250063	13.286	11.261
Target Compounds							
3)	L1 AR-1016-1	5.839	0.000	443079	0	4.715	N.D. #
4)	L1 AR-1016-2	5.869	4.973f	470411	411968	3.576	3.276
5)	L1 AR-1016-3	5.900f	5.135	773412	1912289	9.718	26.383 #
6)	L1 AR-1016-4	6.005f	5.172	3699267	2353897	55.944	74.157 #
7)	L1 AR-1016-5	6.322	5.373	577470	1336504	8.989	26.120 #
8)	L2 AR-1221-1	4.886	4.054	1731286	2825972	60.170	108.885 #
9)	L2 AR-1221-2	4.980f	4.138	918073	10474853	41.991	429.786 #
10)	L2 AR-1221-3	5.056	4.225	8508609	19397592	126.680	266.782 #
11)	L3 AR-1232-1	5.056	4.225	8508609	19397592	164.076	342.012 #
12)	L3 AR-1232-2	5.560f	4.973f	3955627	411968	146.196	7.594 #
13)	L3 AR-1232-3	5.869	5.135	470411	1912289	8.380	60.798 #
14)	L3 AR-1232-4	6.005f	5.219	3699267	467232	131.343	28.603 #
15)	L3 AR-1232-5	6.118	5.373	2187079	1336504	100.041	66.964 #
16)	L4 AR-1242-1	5.839	0.000	443079	0	6.094	N.D. #
17)	L4 AR-1242-2	5.869	4.973f	470411	411968	4.630	4.119
18)	L4 AR-1242-3	5.900f	5.135	773412	1912289	12.360	33.061 #
19)	L4 AR-1242-4	6.005f	5.219	3699267	467232	71.494	13.669 #
20)	L4 AR-1242-5	6.766	5.745	1689446	17165743	29.460	289.658 #
21)	L5 AR-1248-1	5.839	0.000	443079	0	8.265	N.D. #
22)	L5 AR-1248-2	6.118	5.172	2187079	2353897	29.625	57.570 #
23)	L5 AR-1248-3	6.322	5.219	577470	467232	7.127	9.471 #
24)	L5 AR-1248-4	6.700f	5.373	12535757	1336504	125.323	20.915 #
25)	L5 AR-1248-5	6.766	5.775	1689446	5631082	16.880	57.828 #
26)	L6 AR-1254-1	6.700	5.745	12535757	17165743	130.132	172.647 #
27)	L6 AR-1254-2	6.917	5.887	14140015	10183943	96.413	94.311
28)	L6 AR-1254-3	7.286	6.292	11563474	20043664	76.994	94.887
29)	L6 AR-1254-4	7.570	6.520	8276055	20299351	68.048	60.085
30)	L6 AR-1254-5	7.991	6.937	26970250	46310481	221.057	115.502 #
31)	L7 AR-1260-1	7.449	6.421	9519013	16442905	83.905	135.995 #
32)	L7 AR-1260-2	7.703	6.610	16003829	35926795	112.953	75.982 #
33)	L7 AR-1260-3	8.063	6.764	19378176	19530972	177.142	71.755 #
34)	L7 AR-1260-4	8.318f	7.234	21146223	70850750	177.273	217.410
35)	L7 AR-1260-5	8.635	7.479	11738132	52327298	47.729	42.413
36)	L8 AR-1262-1	8.063	6.937	19378176	46310481	124.785	205.469 #
37)	L8 AR-1262-2	8.635	7.479	11738132	52327298	42.068	36.085
38)	L8 AR-1262-3	8.961	7.764	52102330	208.6E6	268.047	374.798 #
39)	L8 AR-1262-4	9.061	7.830	41740336	168.1E6	472.406	179.439 #
40)	L8 AR-1262-5	9.755	8.336	12415324	45849269	112.692	109.527
41)	L9 AR-1268-1	8.961	7.764	52102330	208.6E6	154.676	120.042

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 Operator : AJ\MA
 Sample : M1104-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

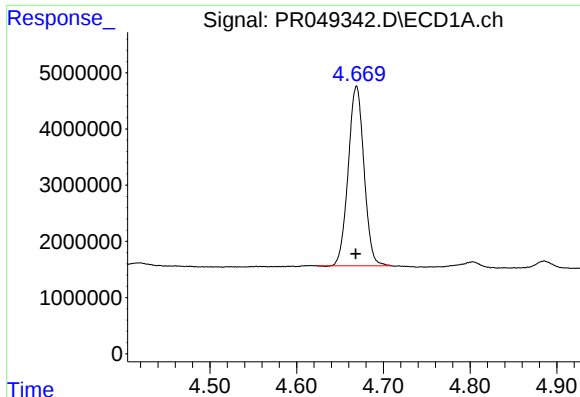
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 15 01:13:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011321.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	9.061	7.830	41740336	168.1E6	131.348	115.885
43) L9	AR-1268-3	9.300	8.037	31942125	127.0E6	115.998	98.351
44) L9	AR-1268-4	9.755	8.336	12415324	45849269	102.087	92.794
45) L9	AR-1268-5	10.193	8.642	95018204	303.7E6	101.504	79.946

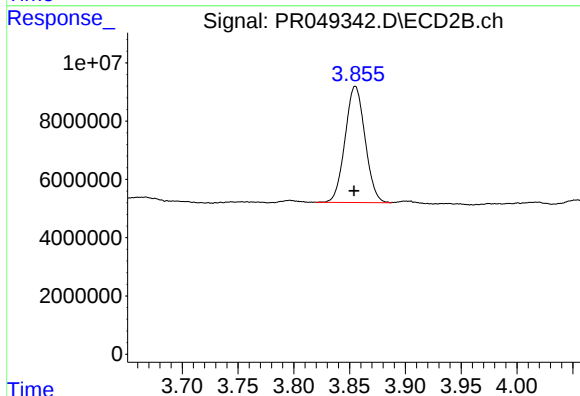
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

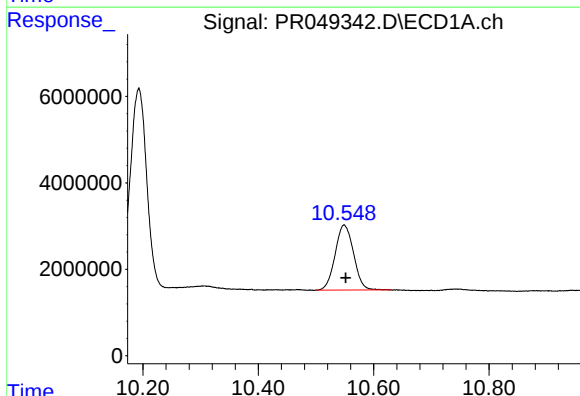
R.T.: 4.669 min
Delta R.T.: 0.001 min
Response: 40437195
Conc: 17.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



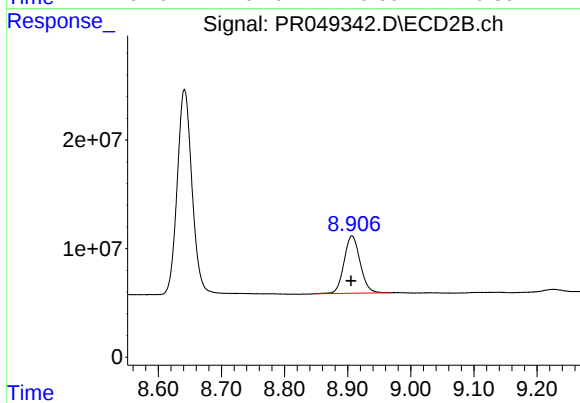
#1 Tetrachloro-m-xylene

R.T.: 3.855 min
Delta R.T.: 0.001 min
Response: 49654033
Conc: 18.36 ng/ml



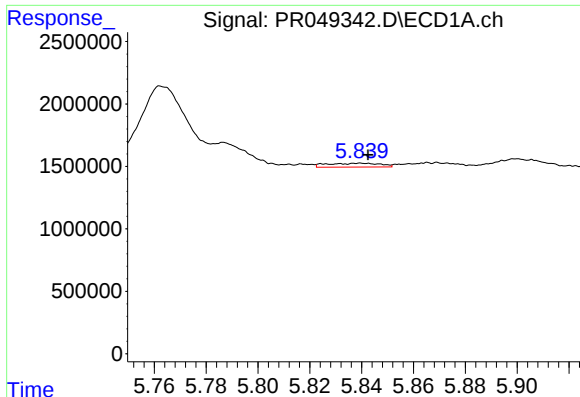
#2 Decachlorobiphenyl

R.T.: 10.549 min
Delta R.T.: -0.003 min
Response: 33305399
Conc: 13.29 ng/ml



#2 Decachlorobiphenyl

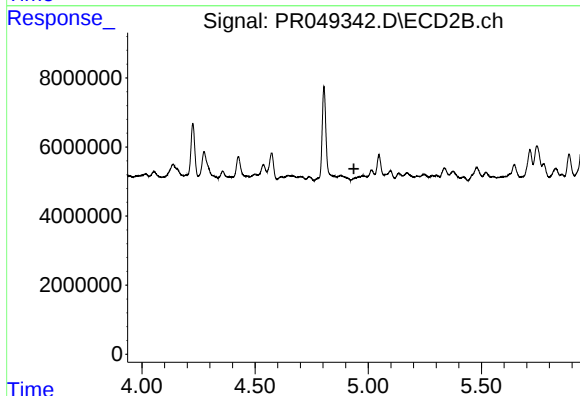
R.T.: 8.907 min
Delta R.T.: 0.001 min
Response: 93250063
Conc: 11.26 ng/ml



#3 AR-1016-1

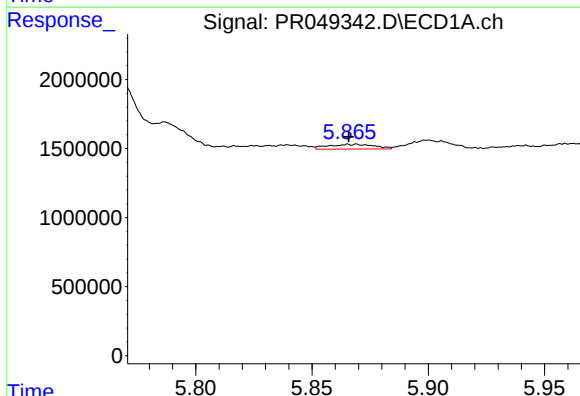
R.T.: 5.839 min
Delta R.T.: -0.003 min
Response: 443079
Conc: 4.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



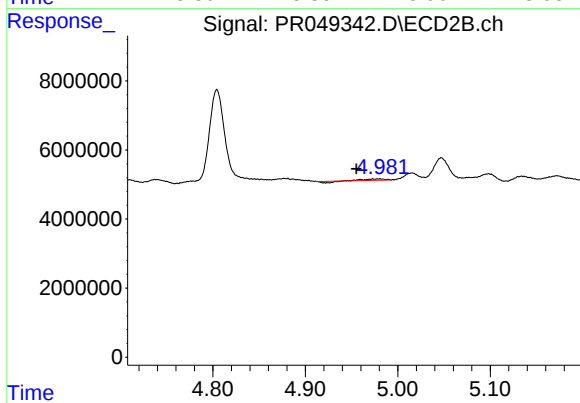
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



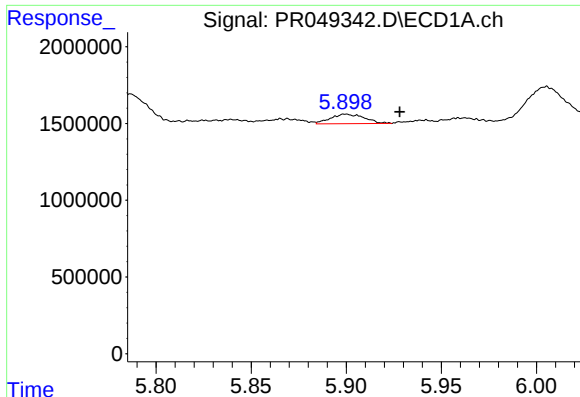
#4 AR-1016-2

R.T.: 5.869 min
Delta R.T.: 0.003 min
Response: 470411
Conc: 3.58 ng/ml



#4 AR-1016-2

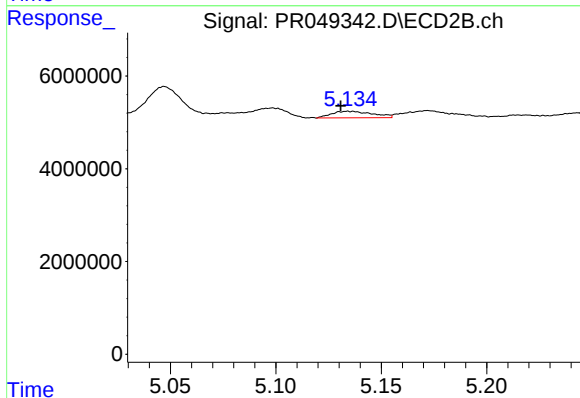
R.T.: 4.973 min
Delta R.T.: 0.018 min
Response: 411968
Conc: 3.28 ng/ml



#5 AR-1016-3

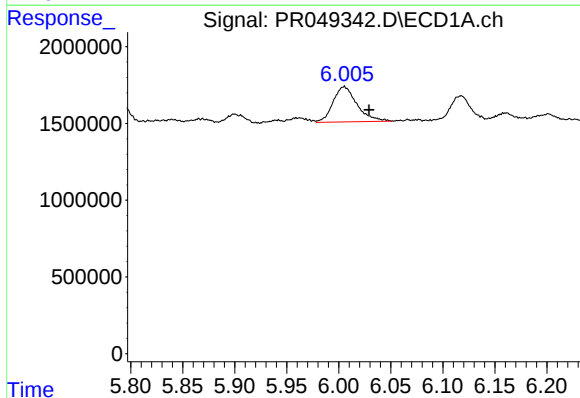
R.T.: 5.900 min
Delta R.T.: -0.028 min
Response: 773412
Conc: 9.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



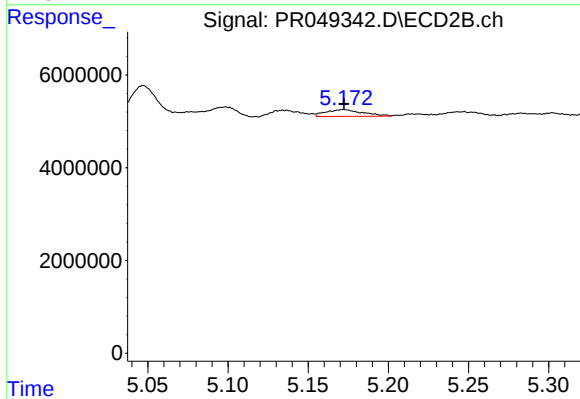
#5 AR-1016-3

R.T.: 5.135 min
Delta R.T.: 0.004 min
Response: 1912289
Conc: 26.38 ng/ml



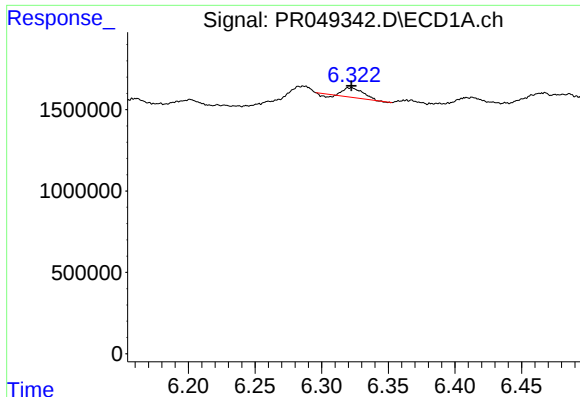
#6 AR-1016-4

R.T.: 6.005 min
Delta R.T.: -0.024 min
Response: 3699267
Conc: 55.94 ng/ml



#6 AR-1016-4

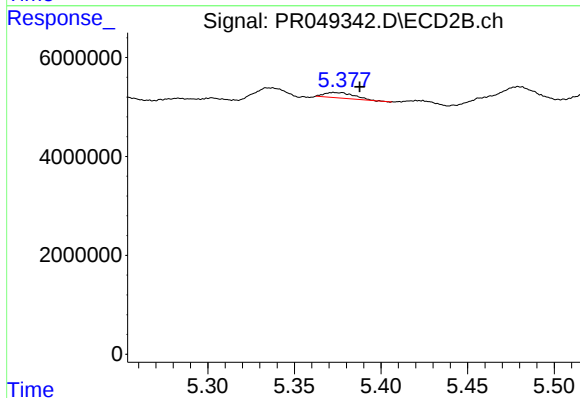
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 2353897
Conc: 74.16 ng/ml



#7 AR-1016-5

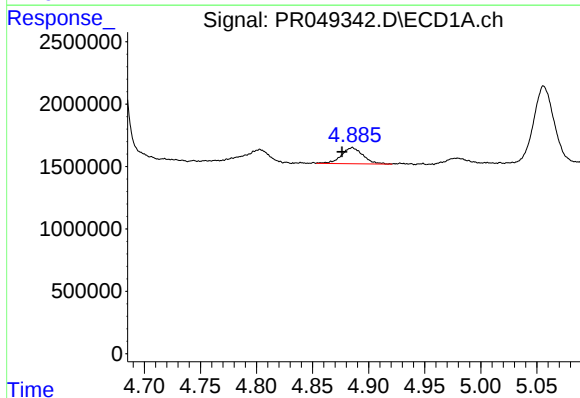
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 577470
Conc: 8.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



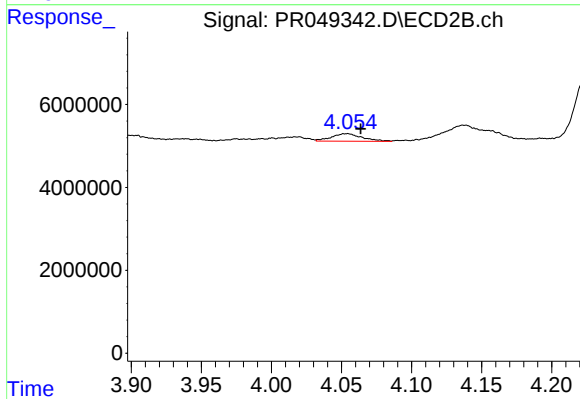
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 1336504
Conc: 26.12 ng/ml



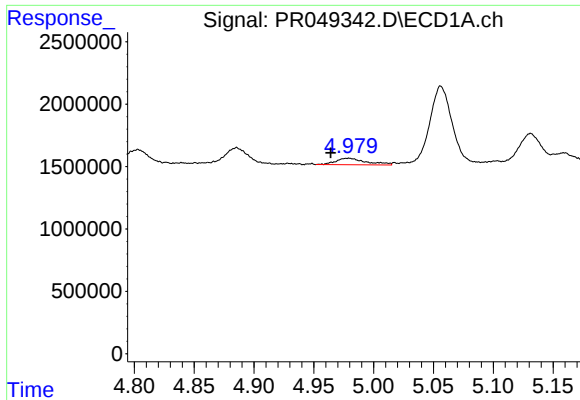
#8 AR-1221-1

R.T.: 4.886 min
Delta R.T.: 0.009 min
Response: 1731286
Conc: 60.17 ng/ml



#8 AR-1221-1

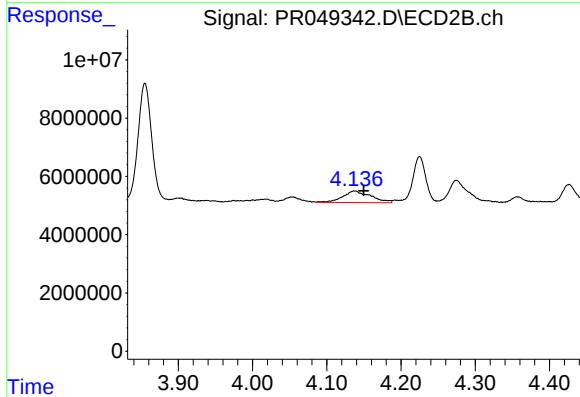
R.T.: 4.054 min
Delta R.T.: -0.010 min
Response: 2825972
Conc: 108.89 ng/ml



#9 AR-1221-2

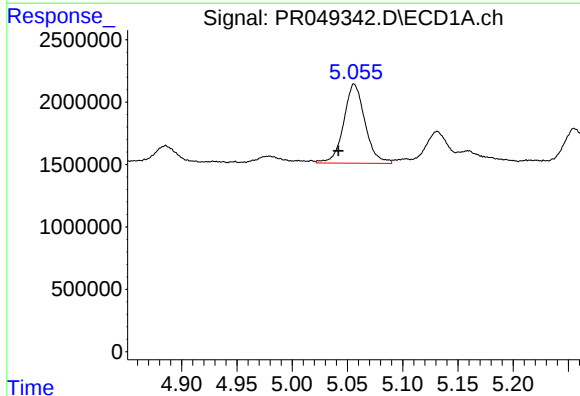
R.T.: 4.980 min
Delta R.T.: 0.015 min
Response: 918073
Conc: 41.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



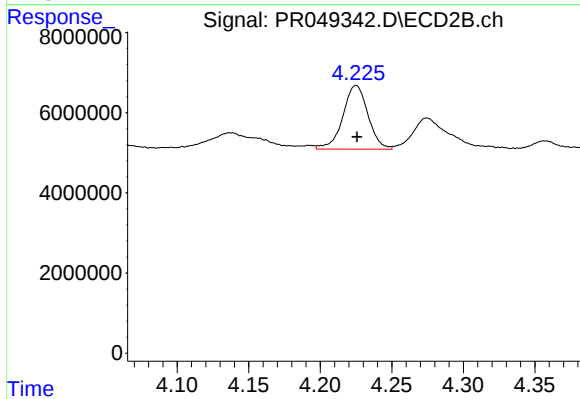
#9 AR-1221-2

R.T.: 4.138 min
Delta R.T.: -0.012 min
Response: 10474853
Conc: 429.79 ng/ml



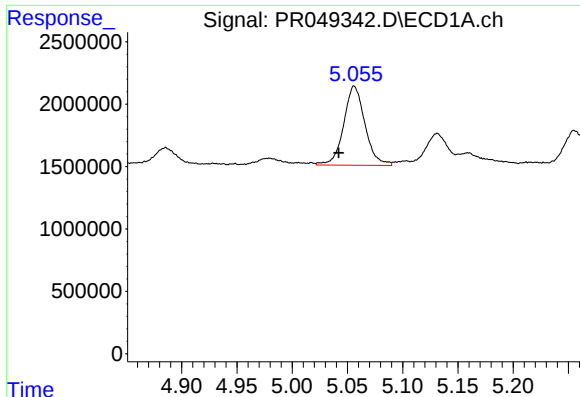
#10 AR-1221-3

R.T.: 5.056 min
Delta R.T.: 0.014 min
Response: 8508609
Conc: 126.68 ng/ml



#10 AR-1221-3

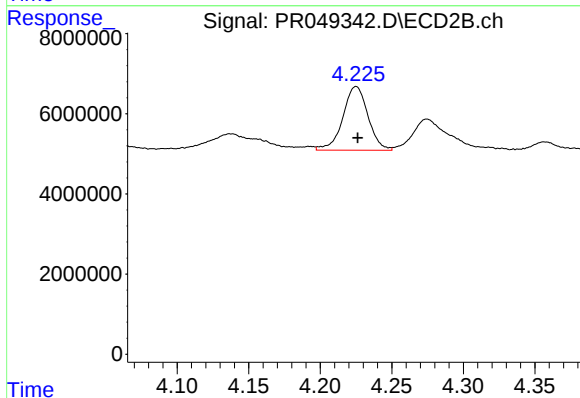
R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 19397592
Conc: 266.78 ng/ml



#11 AR-1232-1

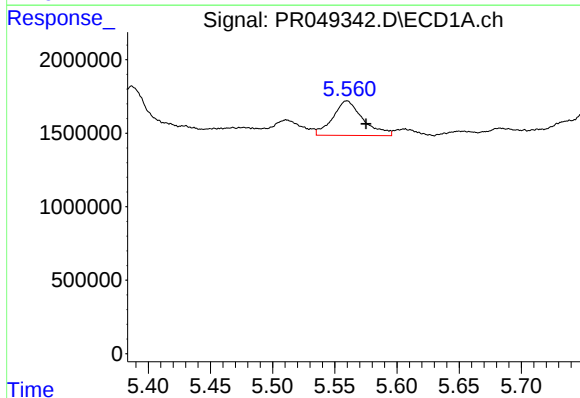
R.T.: 5.056 min
Delta R.T.: 0.014 min
Response: 8508609
Conc: 164.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



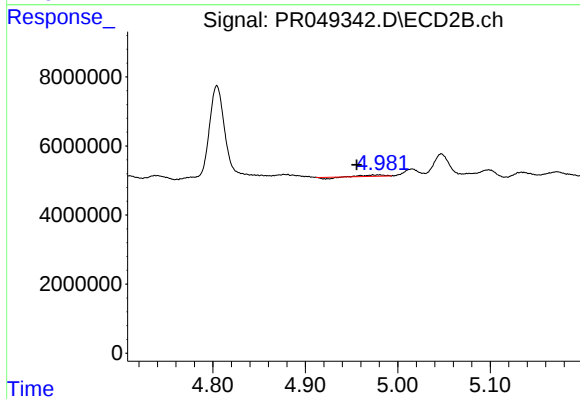
#11 AR-1232-1

R.T.: 4.225 min
Delta R.T.: -0.001 min
Response: 19397592
Conc: 342.01 ng/ml



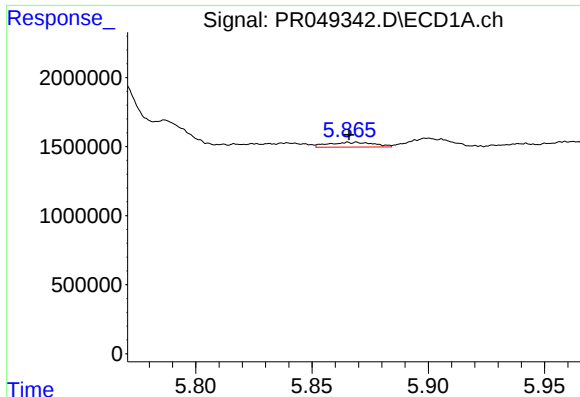
#12 AR-1232-2

R.T.: 5.560 min
Delta R.T.: -0.015 min
Response: 3955627
Conc: 146.20 ng/ml



#12 AR-1232-2

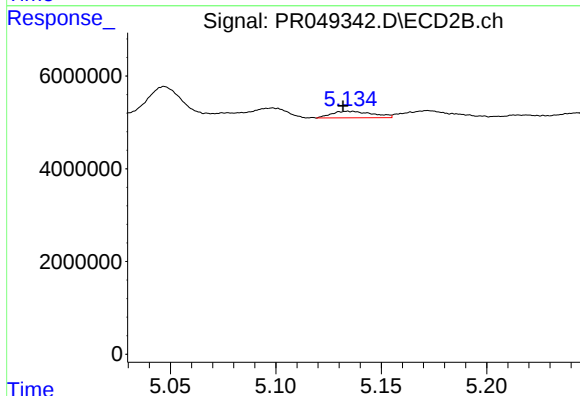
R.T.: 4.973 min
Delta R.T.: 0.018 min
Response: 411968
Conc: 7.59 ng/ml



#13 AR-1232-3

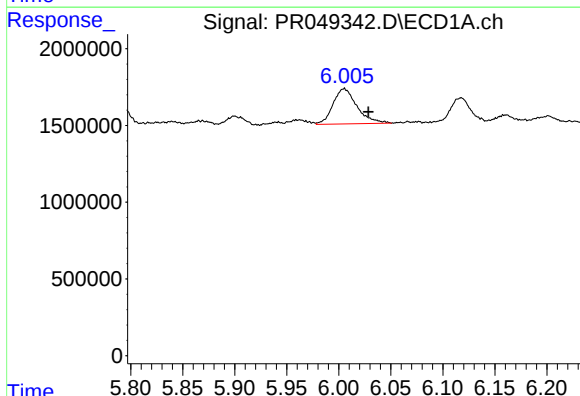
R.T.: 5.869 min
Delta R.T.: 0.003 min
Response: 470411
Conc: 8.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



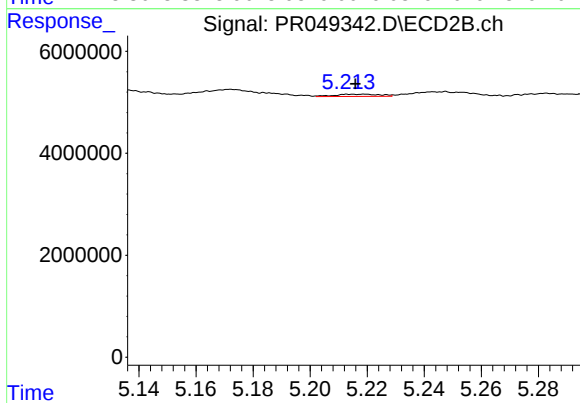
#13 AR-1232-3

R.T.: 5.135 min
Delta R.T.: 0.003 min
Response: 1912289
Conc: 60.80 ng/ml



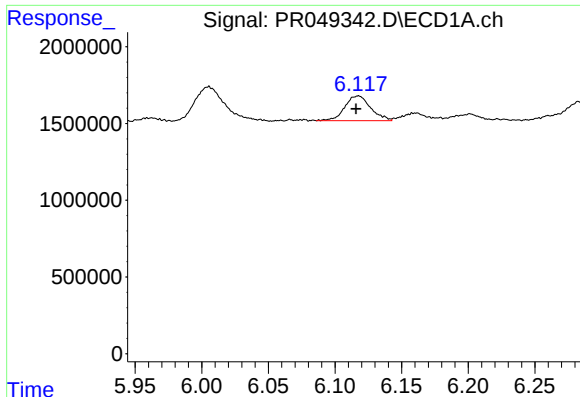
#14 AR-1232-4

R.T.: 6.005 min
Delta R.T.: -0.023 min
Response: 3699267
Conc: 131.34 ng/ml



#14 AR-1232-4

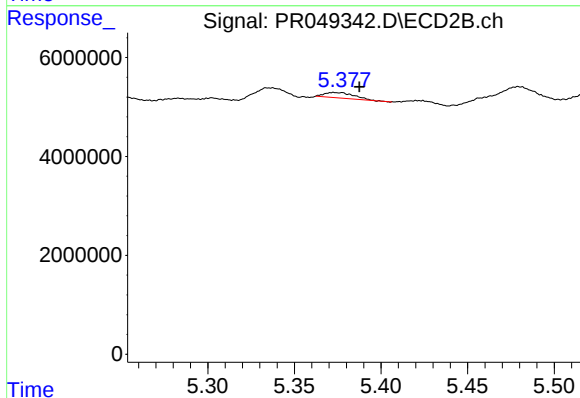
R.T.: 5.219 min
Delta R.T.: 0.003 min
Response: 467232
Conc: 28.60 ng/ml



#15 AR-1232-5

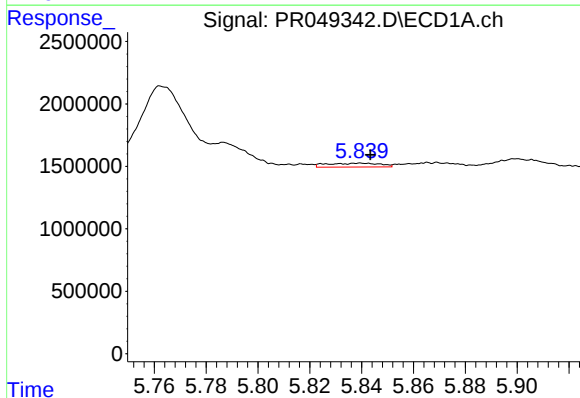
R.T.: 6.118 min
Delta R.T.: 0.002 min
Response: 2187079
Conc: 100.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



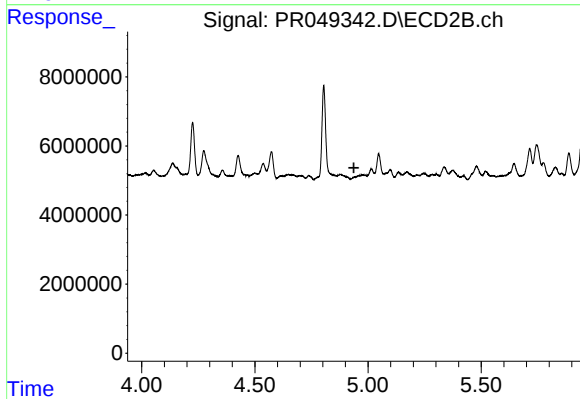
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 1336504
Conc: 66.96 ng/ml



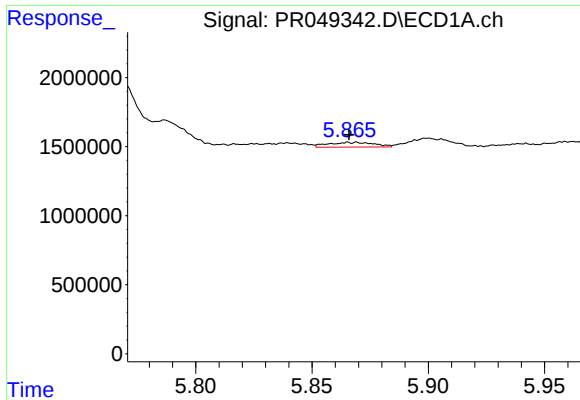
#16 AR-1242-1

R.T.: 5.839 min
Delta R.T.: -0.004 min
Response: 443079
Conc: 6.09 ng/ml



#16 AR-1242-1

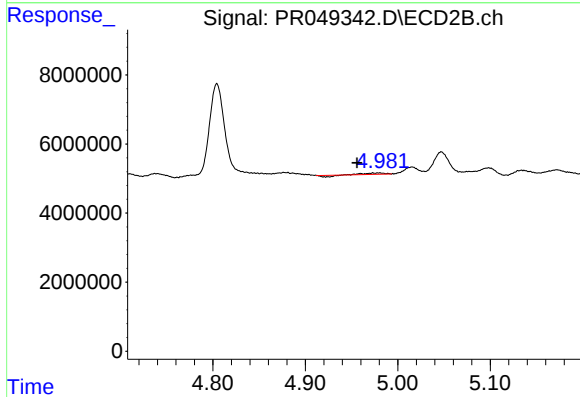
R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



#17 AR-1242-2

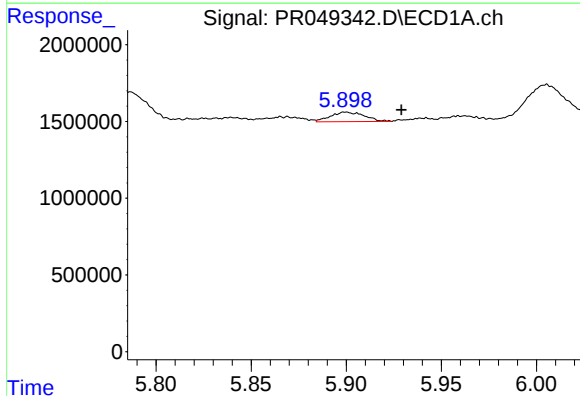
R.T.: 5.869 min
Delta R.T.: 0.003 min
Response: 470411
Conc: 4.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



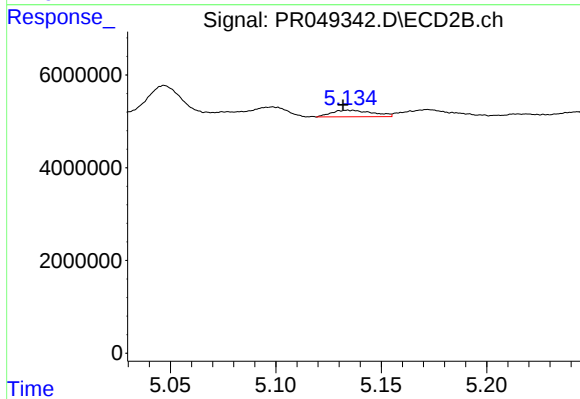
#17 AR-1242-2

R.T.: 4.973 min
Delta R.T.: 0.017 min
Response: 411968
Conc: 4.12 ng/ml



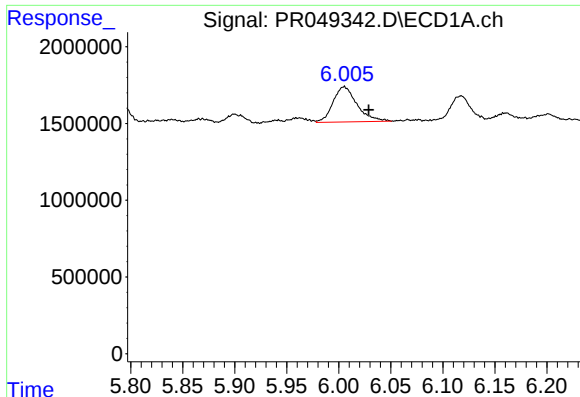
#18 AR-1242-3

R.T.: 5.900 min
Delta R.T.: -0.029 min
Response: 773412
Conc: 12.36 ng/ml



#18 AR-1242-3

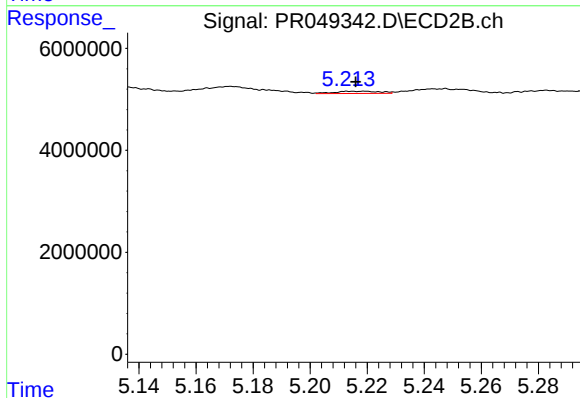
R.T.: 5.135 min
Delta R.T.: 0.003 min
Response: 1912289
Conc: 33.06 ng/ml



#19 AR-1242-4

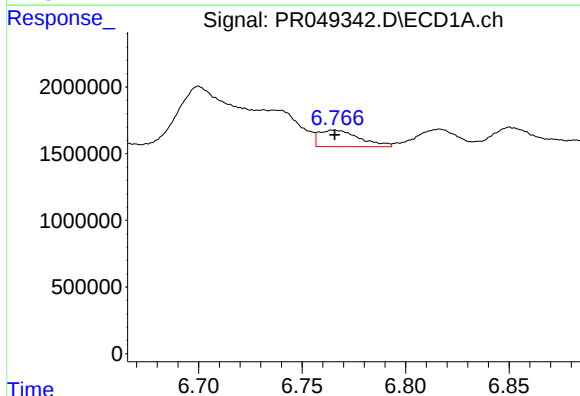
R.T.: 6.005 min
Delta R.T.: -0.024 min
Response: 3699267
Conc: 71.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



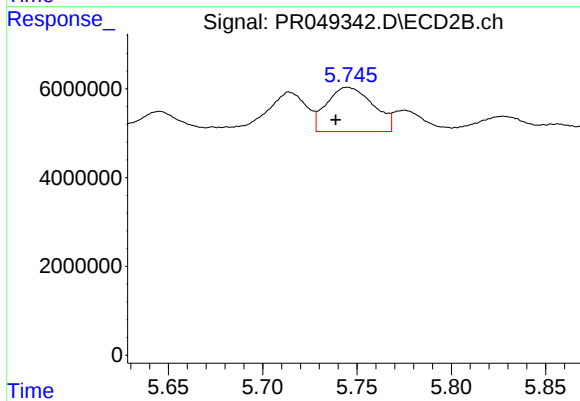
#19 AR-1242-4

R.T.: 5.219 min
Delta R.T.: 0.003 min
Response: 467232
Conc: 13.67 ng/ml



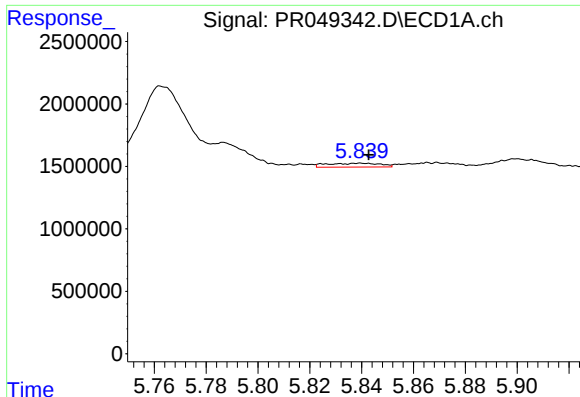
#20 AR-1242-5

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 1689446
Conc: 29.46 ng/ml



#20 AR-1242-5

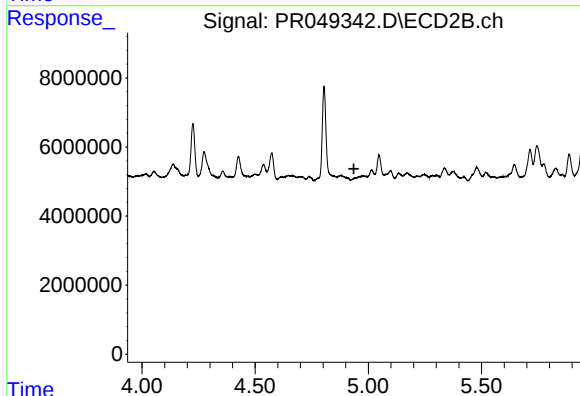
R.T.: 5.745 min
Delta R.T.: 0.006 min
Response: 17165743
Conc: 289.66 ng/ml



#21 AR-1248-1

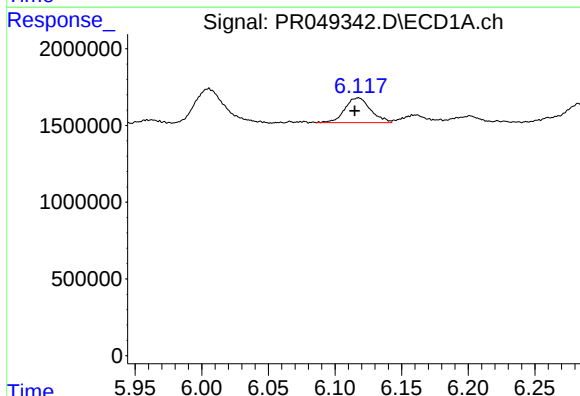
R.T.: 5.839 min
Delta R.T.: -0.003 min
Response: 443079
Conc: 8.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



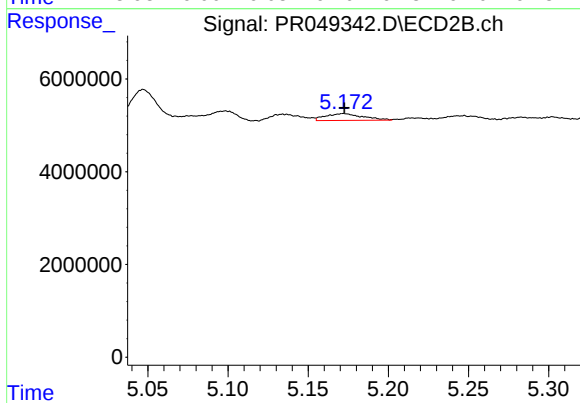
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



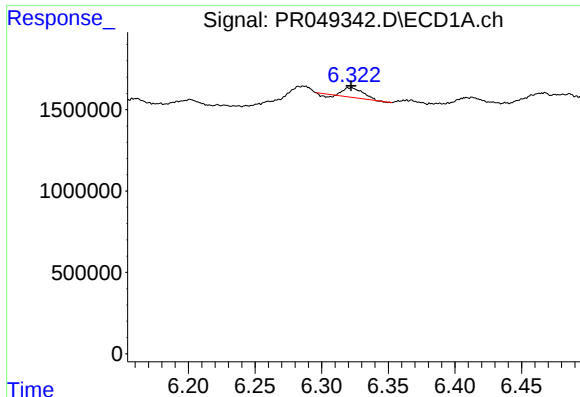
#22 AR-1248-2

R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 2187079
Conc: 29.63 ng/ml



#22 AR-1248-2

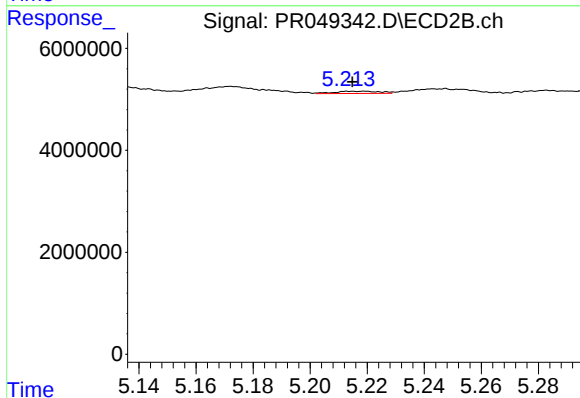
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 2353897
Conc: 57.57 ng/ml



#23 AR-1248-3

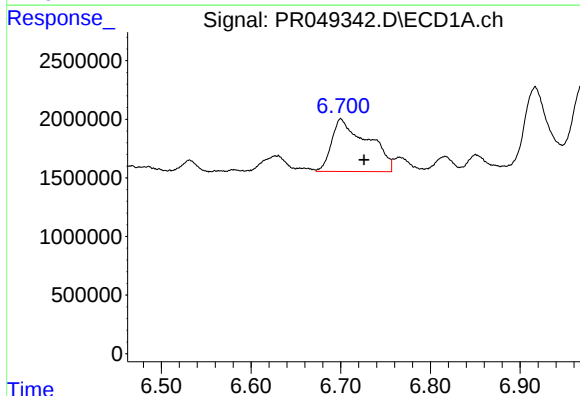
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 577470
Conc: 7.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



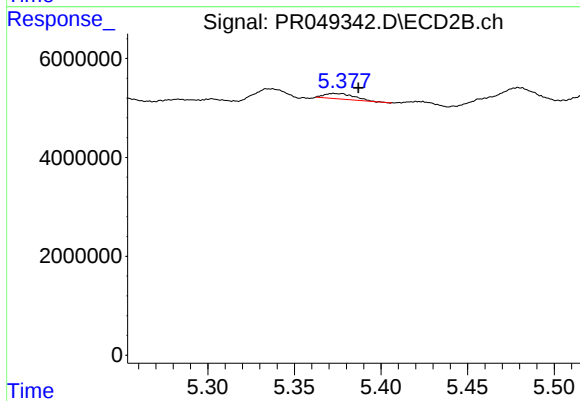
#23 AR-1248-3

R.T.: 5.219 min
Delta R.T.: 0.004 min
Response: 467232
Conc: 9.47 ng/ml



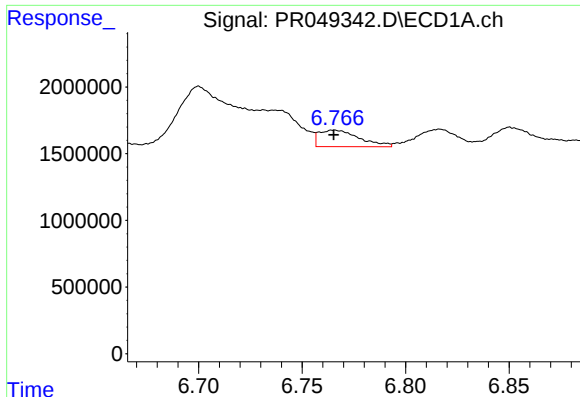
#24 AR-1248-4

R.T.: 6.700 min
Delta R.T.: -0.026 min
Response: 12535757
Conc: 125.32 ng/ml



#24 AR-1248-4

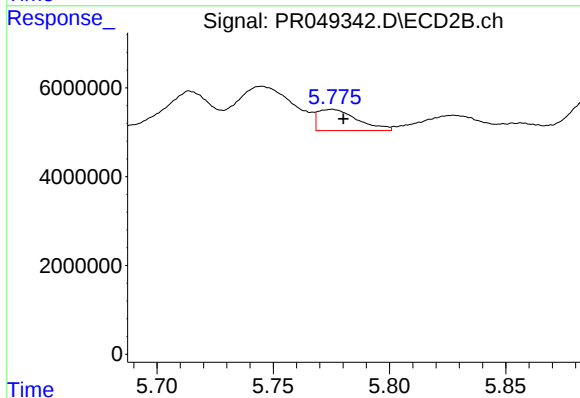
R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 1336504
Conc: 20.92 ng/ml



#25 AR-1248-5

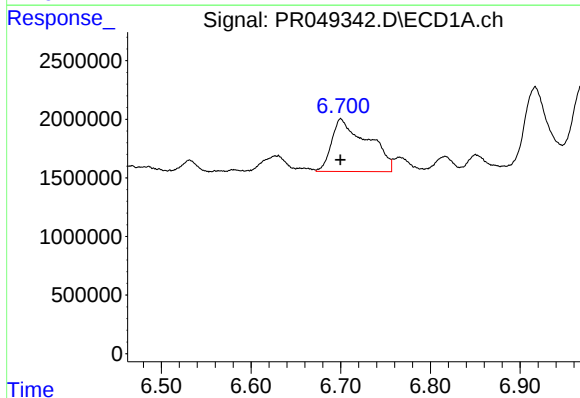
R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 1689446
Conc: 16.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



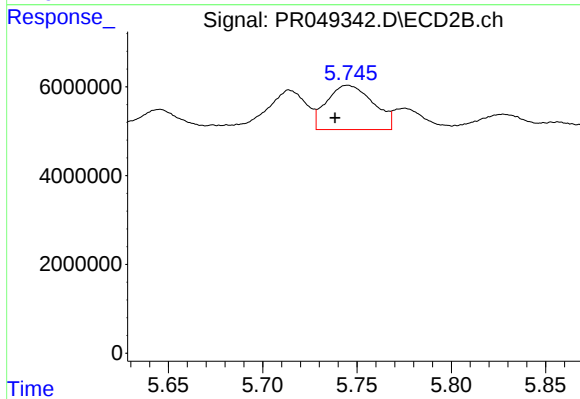
#25 AR-1248-5

R.T.: 5.775 min
Delta R.T.: -0.005 min
Response: 5631082
Conc: 57.83 ng/ml



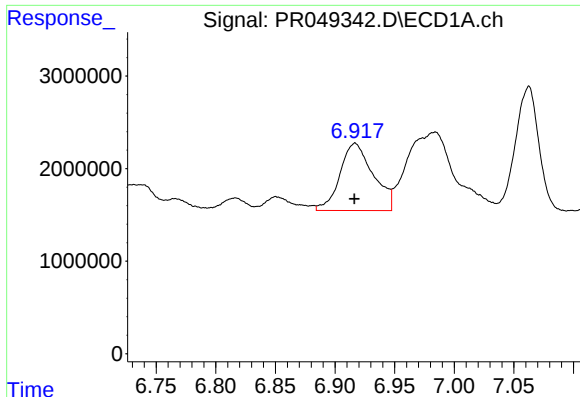
#26 AR-1254-1

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 12535757
Conc: 130.13 ng/ml



#26 AR-1254-1

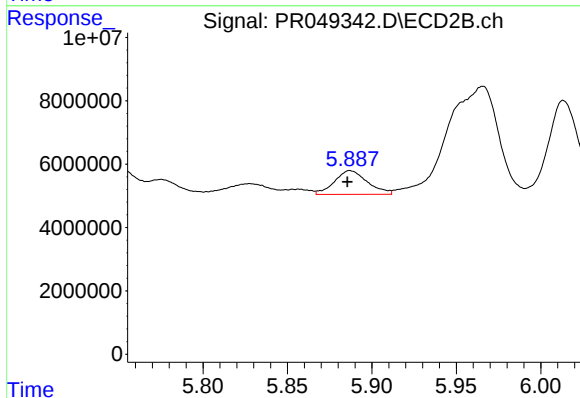
R.T.: 5.745 min
Delta R.T.: 0.007 min
Response: 17165743
Conc: 172.65 ng/ml



#27 AR-1254-2

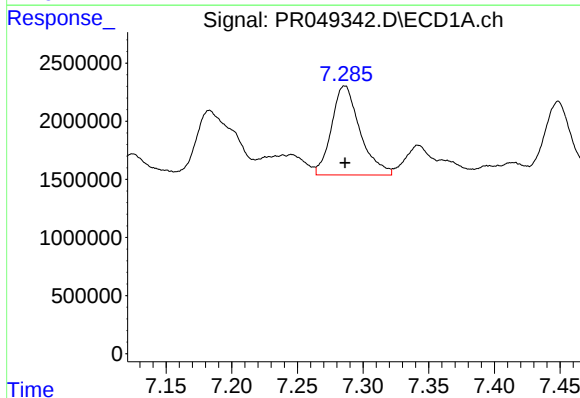
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 14140015
Conc: 96.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



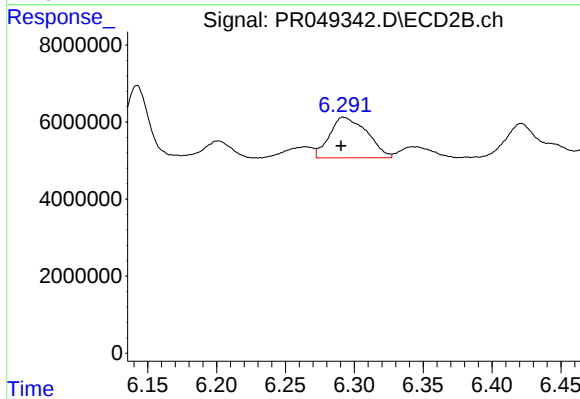
#27 AR-1254-2

R.T.: 5.887 min
Delta R.T.: 0.002 min
Response: 10183943
Conc: 94.31 ng/ml



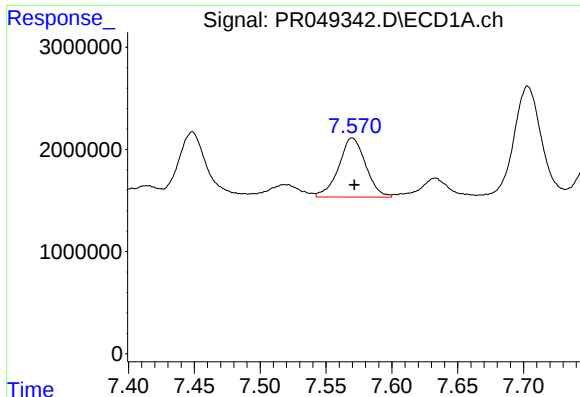
#28 AR-1254-3

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 11563474
Conc: 76.99 ng/ml



#28 AR-1254-3

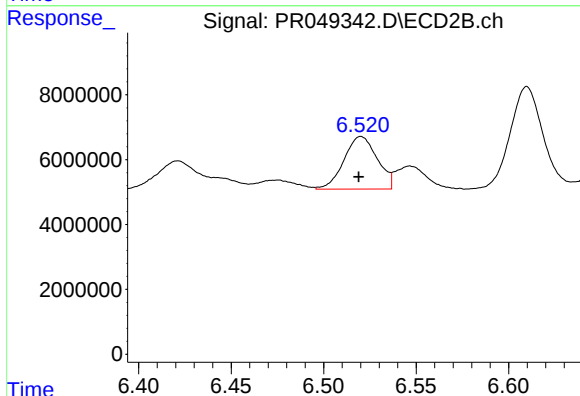
R.T.: 6.292 min
Delta R.T.: 0.002 min
Response: 20043664
Conc: 94.89 ng/ml



#29 AR-1254-4

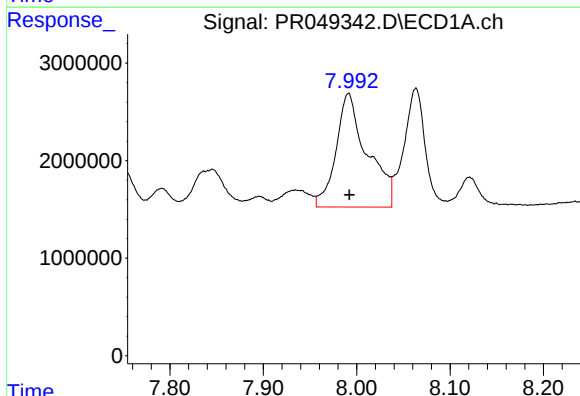
R.T.: 7.570 min
Delta R.T.: -0.002 min
Response: 8276055
Conc: 68.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



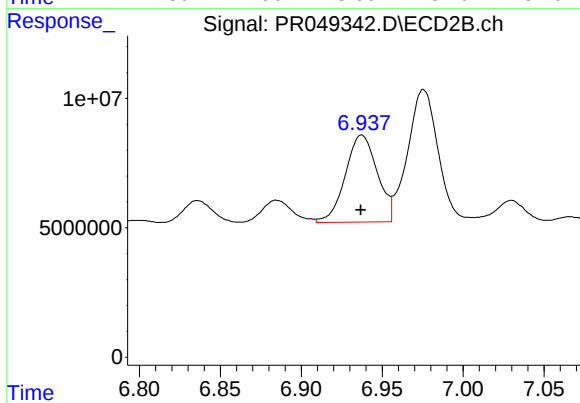
#29 AR-1254-4

R.T.: 6.520 min
Delta R.T.: 0.001 min
Response: 20299351
Conc: 60.08 ng/ml



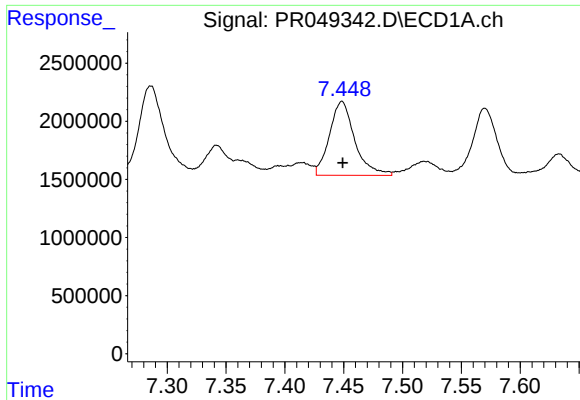
#30 AR-1254-5

R.T.: 7.991 min
Delta R.T.: -0.001 min
Response: 26970250
Conc: 221.06 ng/ml



#30 AR-1254-5

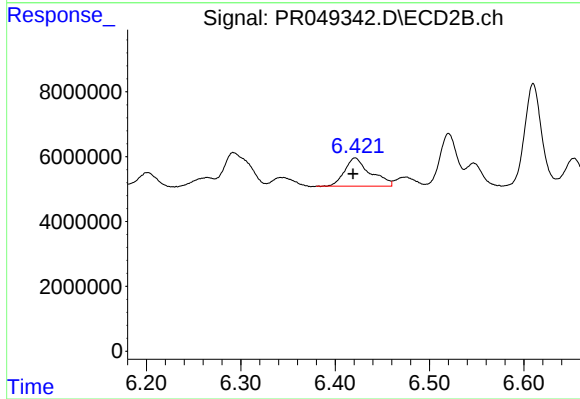
R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 46310481
Conc: 115.50 ng/ml



#31 AR-1260-1

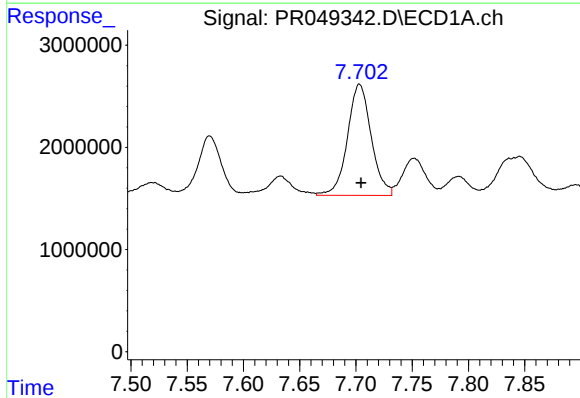
R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 9519013
Conc: 83.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



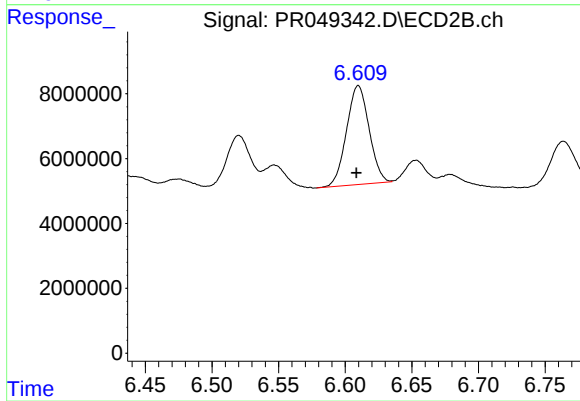
#31 AR-1260-1

R.T.: 6.421 min
Delta R.T.: 0.002 min
Response: 16442905
Conc: 135.99 ng/ml



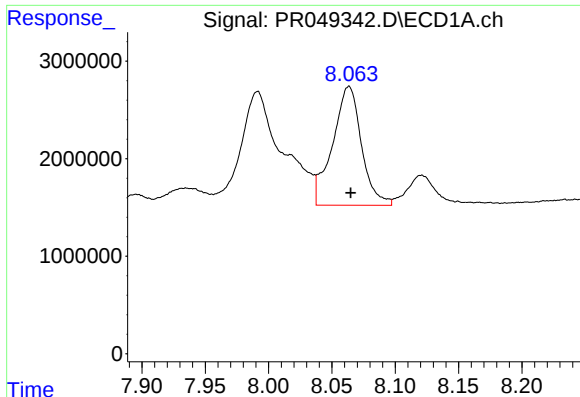
#32 AR-1260-2

R.T.: 7.703 min
Delta R.T.: -0.001 min
Response: 16003829
Conc: 112.95 ng/ml



#32 AR-1260-2

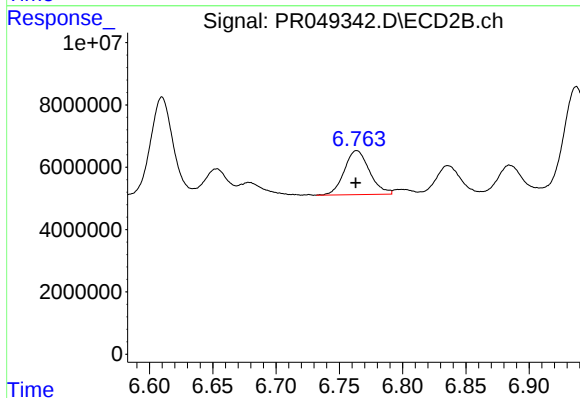
R.T.: 6.610 min
Delta R.T.: 0.001 min
Response: 35926795
Conc: 75.98 ng/ml



#33 AR-1260-3

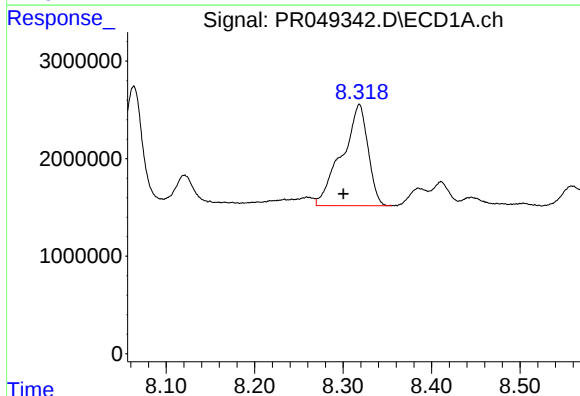
R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 19378176
Conc: 177.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



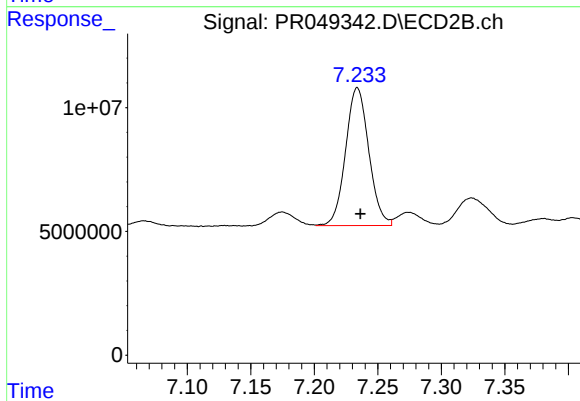
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 19530972
Conc: 71.76 ng/ml



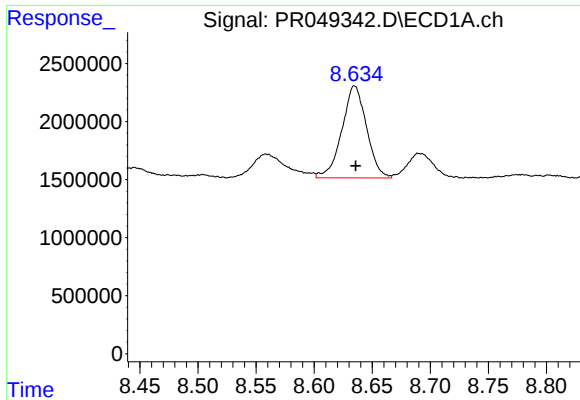
#34 AR-1260-4

R.T.: 8.318 min
Delta R.T.: 0.018 min
Response: 21146223
Conc: 177.27 ng/ml



#34 AR-1260-4

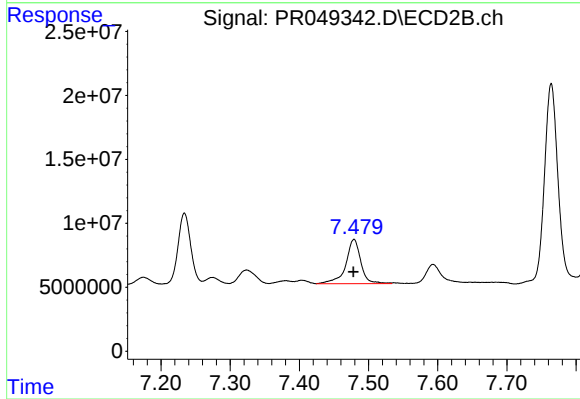
R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 70850750
Conc: 217.41 ng/ml



#35 AR-1260-5

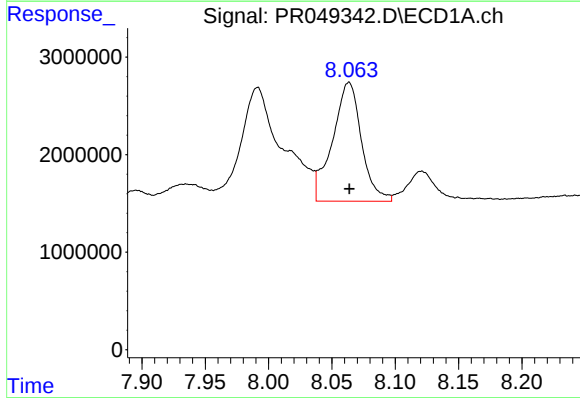
R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 11738132
Conc: 47.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



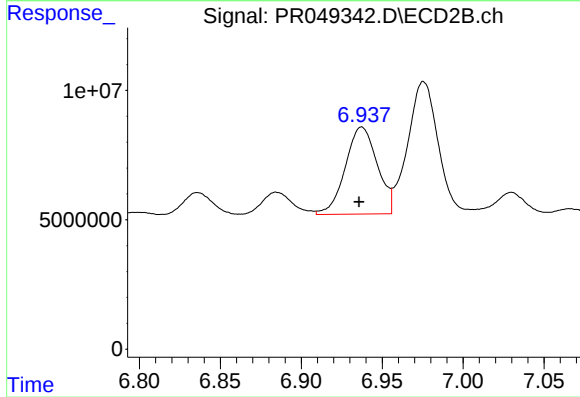
#35 AR-1260-5

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 52327298
Conc: 42.41 ng/ml



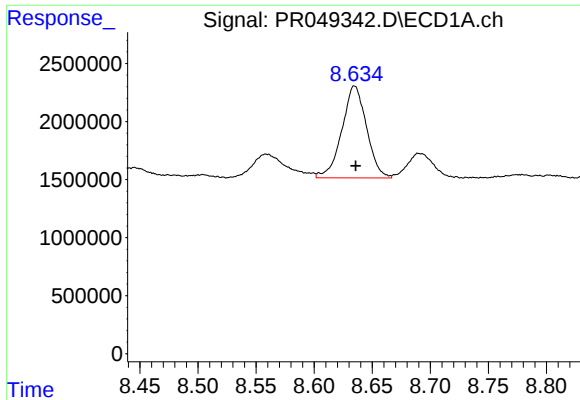
#36 AR-1262-1

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 19378176
Conc: 124.79 ng/ml



#36 AR-1262-1

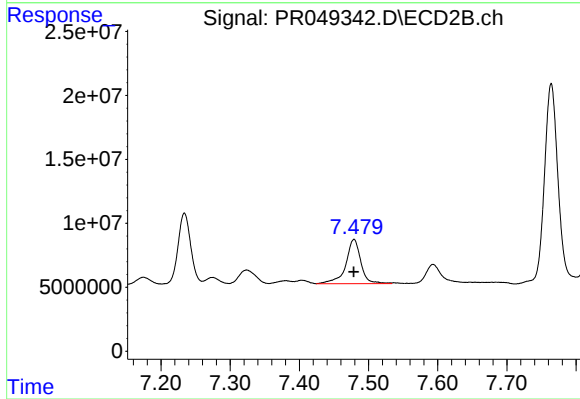
R.T.: 6.937 min
Delta R.T.: 0.002 min
Response: 46310481
Conc: 205.47 ng/ml



#37 AR-1262-2

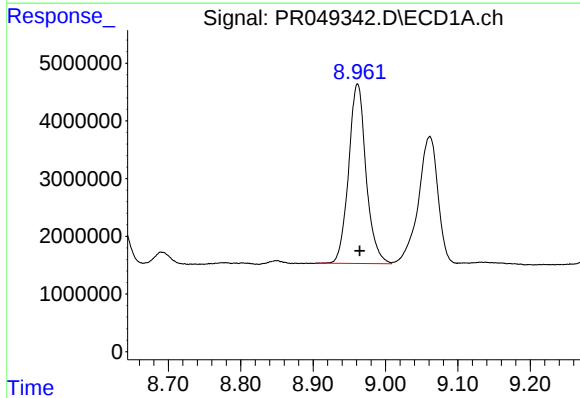
R.T.: 8.635 min
Delta R.T.: -0.001 min
Response: 11738132
Conc: 42.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



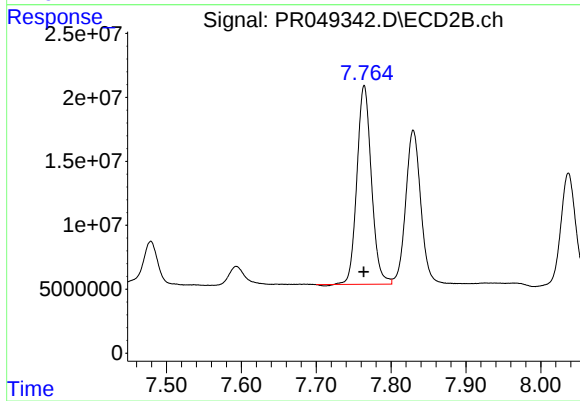
#37 AR-1262-2

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 52327298
Conc: 36.09 ng/ml



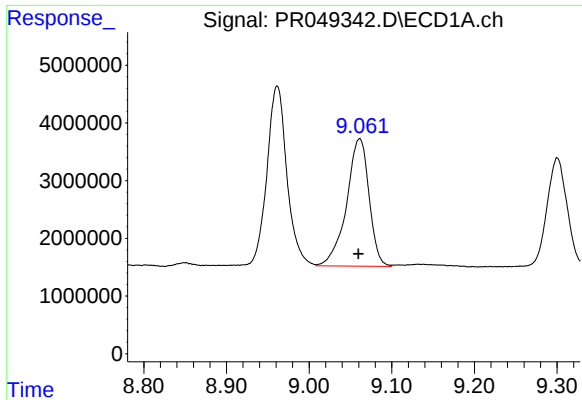
#38 AR-1262-3

R.T.: 8.961 min
Delta R.T.: -0.003 min
Response: 52102330
Conc: 268.05 ng/ml



#38 AR-1262-3

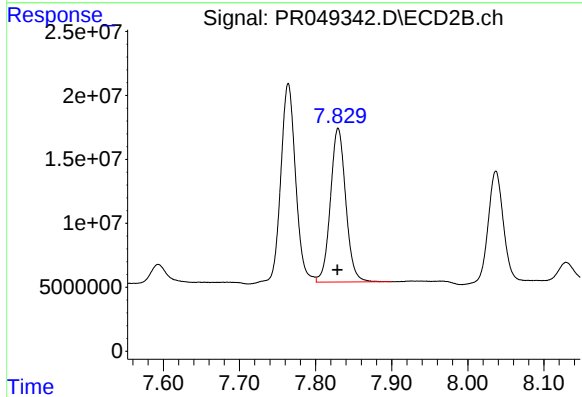
R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 208590129
Conc: 374.80 ng/ml



#39 AR-1262-4

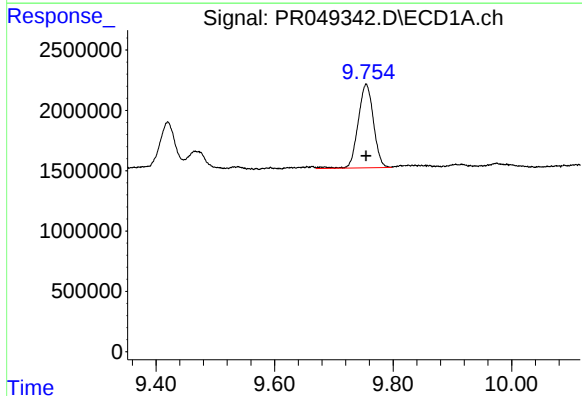
R.T.: 9.061 min
Delta R.T.: 0.001 min
Response: 41740336
Conc: 472.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



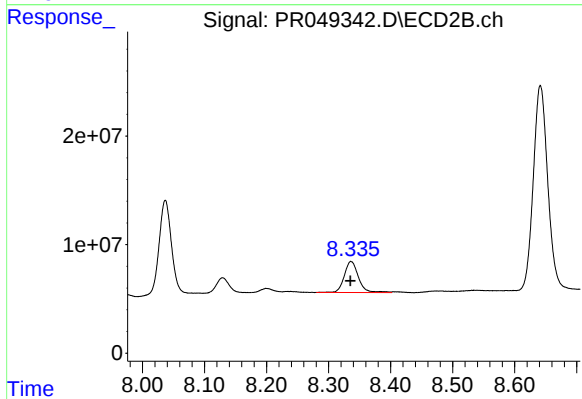
#39 AR-1262-4

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 168101746
Conc: 179.44 ng/ml



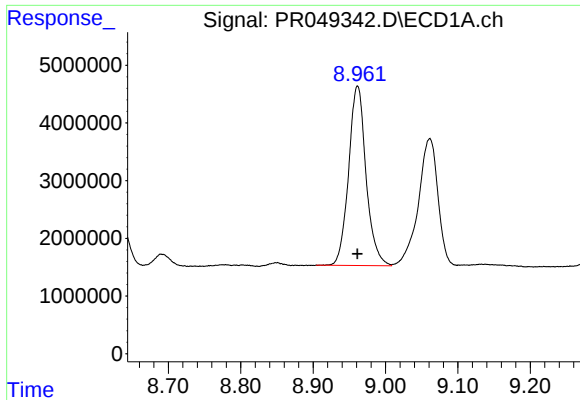
#40 AR-1262-5

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 12415324
Conc: 112.69 ng/ml



#40 AR-1262-5

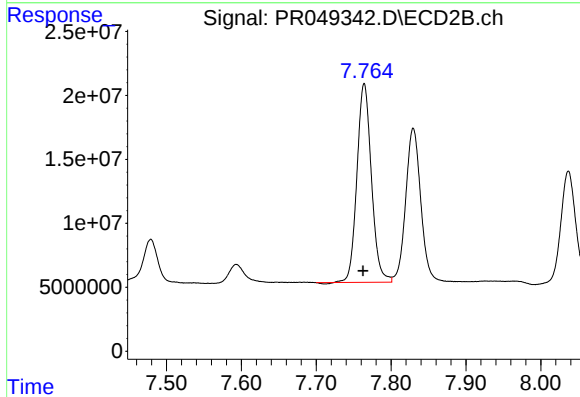
R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 45849269
Conc: 109.53 ng/ml



#41 AR-1268-1

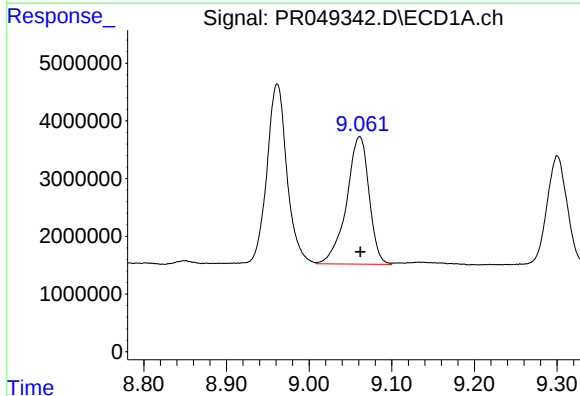
R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 52102330
Conc: 154.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



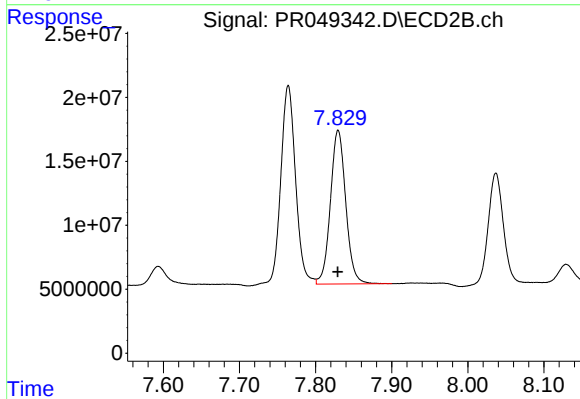
#41 AR-1268-1

R.T.: 7.764 min
Delta R.T.: 0.001 min
Response: 208590129
Conc: 120.04 ng/ml



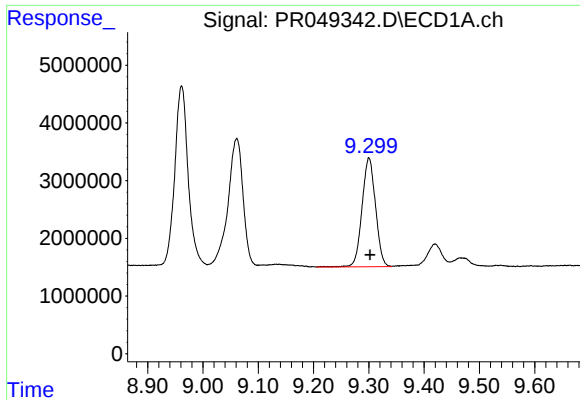
#42 AR-1268-2

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 41740336
Conc: 131.35 ng/ml



#42 AR-1268-2

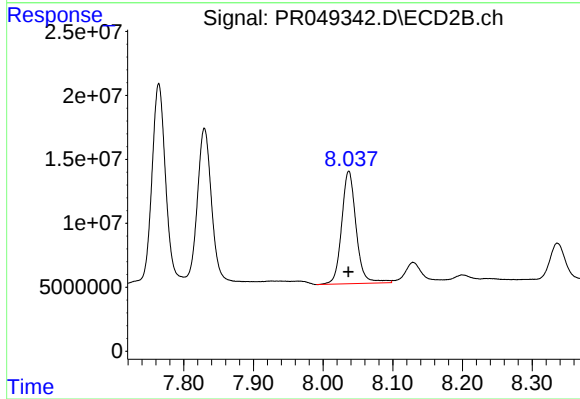
R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 168101746
Conc: 115.88 ng/ml



#43 AR-1268-3

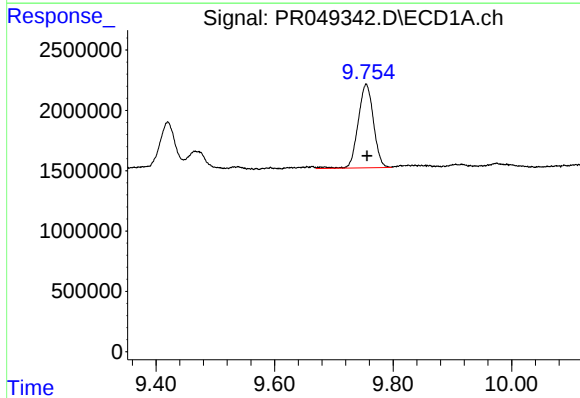
R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 31942125
Conc: 116.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



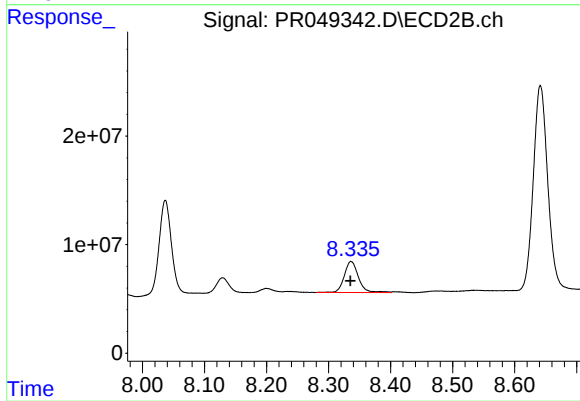
#43 AR-1268-3

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 126962604
Conc: 98.35 ng/ml



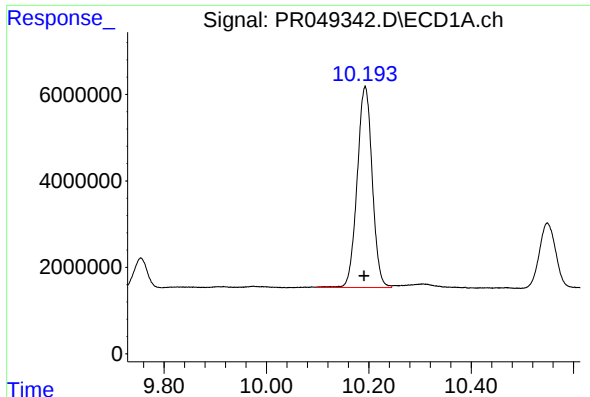
#44 AR-1268-4

R.T.: 9.755 min
Delta R.T.: -0.001 min
Response: 12415324
Conc: 102.09 ng/ml



#44 AR-1268-4

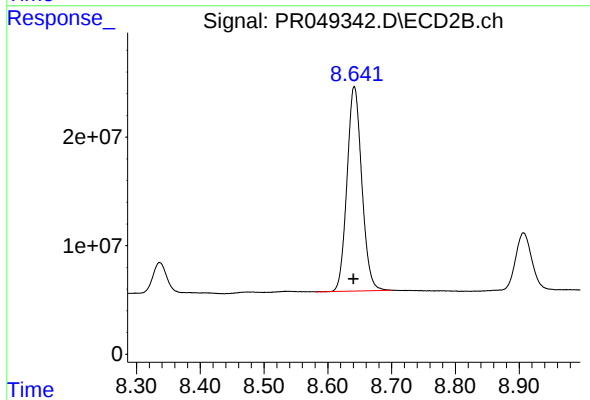
R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 45849269
Conc: 92.79 ng/ml



#45 AR-1268-5

R.T.: 10.193 min
Delta R.T.: 0.002 min
Response: 95018204
Conc: 101.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.642 min
Delta R.T.: 0.001 min
Response: 303705934
Conc: 79.95 ng/ml