

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100519\
 Data File : PR041984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2019 04:49
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1254369

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 04:20:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.719	3.984	79264842	314.3E6	19.485	20.556
2)	SA Decachlor...	10.634	9.093	107.9E6	369.8E6	31.407	37.302
Target Compounds							
3)	L1 AR-1016-1	5.896	5.081	1659978	6523777	11.562	12.001
4)	L1 AR-1016-2	5.922	5.102	1975648	5566829	9.661	7.713
5)	L1 AR-1016-3	5.981	5.280	808597	3408634	6.651	9.348 #
6)	L1 AR-1016-4	6.081	5.319	892186	111.2E6	8.773	400.804 #
7)	L1 AR-1016-5	6.375	5.536	18789853	56804782	188.708	183.708
9)	L2 AR-1221-2	5.030	4.290	1294113	5659016	44.604	46.047
10)	L2 AR-1221-3	5.094	4.362	516635	1624524	5.310	4.171
11)	L3 AR-1232-1	5.094	4.362	516635	1624524	6.174	4.768
12)	L3 AR-1232-2	5.628	5.102	343797	5566829	7.981	16.348 #
13)	L3 AR-1232-3	5.922	5.280	1975648	3408634	21.972	20.240
14)	L3 AR-1232-4	6.081	5.362	892186	32515223	20.047	228.275 #
15)	L3 AR-1232-5	6.168	5.536	32280800	56804782	982.624	421.554 #
16)	L4 AR-1242-1	5.896	5.081	1659978	6523777	15.053	15.361
17)	L4 AR-1242-2	5.922	5.102	1975648	5566829	12.726	9.782
18)	L4 AR-1242-3	5.981	5.280	808597	3408634	8.618	11.811 #
19)	L4 AR-1242-4	6.081	5.362	892186	32515223	11.484	124.904 #
20)	L4 AR-1242-5	6.821	5.890	17192186	205.7E6	196.419	775.225 #
21)	L5 AR-1248-1	5.896	5.081	1659978	6523777	19.949	20.015
22)	L5 AR-1248-2	6.168	5.319	32280800	111.2E6	281.303	298.619
23)	L5 AR-1248-3	6.375	5.362	18789853	32515223	144.920	86.865 #
24)	L5 AR-1248-4	6.778	5.536	27016026	56804782	176.062	142.627
25)	L5 AR-1248-5	6.821	5.932	17192186	29515317	118.739	84.508 #
26)	L6 AR-1254-1	6.753	5.890	58186329	205.7E6	356.290	388.236
27)	L6 AR-1254-2	6.970	6.037	86882011	191.0E6	350.190	380.901
28)	L6 AR-1254-3	7.339	6.444	91444831	348.5E6	338.858	369.399
29)	L6 AR-1254-4	7.624	6.672	67349624	250.5E6	331.842	378.412
30)	L6 AR-1254-5	8.043	7.091	81100507	311.7E6	381.374	363.026
31)	L7 AR-1260-1	7.501	6.574	34495675	175.8E6	182.068	296.567 #
32)	L7 AR-1260-2	7.755	6.760	39266560	153.6E6	166.129	188.460
33)	L7 AR-1260-3	8.108	6.916	8612086	146.6E6	45.875	212.053 #
34)	L7 AR-1260-4	8.346	7.390	26895886	16518802	133.833	28.466 #
35)	L7 AR-1260-5	8.693	7.627	11658958	34298008	26.933	21.095
36)	L8 AR-1262-1	8.177	7.091	2240656	311.7E6	23.804	715.289 #
37)	L8 AR-1262-2	8.693	7.627	11658958	34298008	27.030	19.923 #
38)	L8 AR-1262-3	9.047	7.916	8054509	2693765	28.896	4.127 #
39)	L8 AR-1262-4	9.098	7.977	1966143	33000612	9.597	28.240 #
40)	L8 AR-1262-5	0.000	8.495	0	2241991	N.D.	4.191 #
41)	L9 AR-1268-1	9.047	7.916	8054509	2693765	14.665	1.229 #
42)	L9 AR-1268-2	9.098	7.977	1966143	33000612	3.955	16.585 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.236f	0	1811905	N.D.	1.081 #
44) L9	AR-1268-4	0.000	8.495	0	2241991	N.D.	3.474 #
45) L9	AR-1268-5	0.000	8.813	0	2438506	N.D.	0.531 #

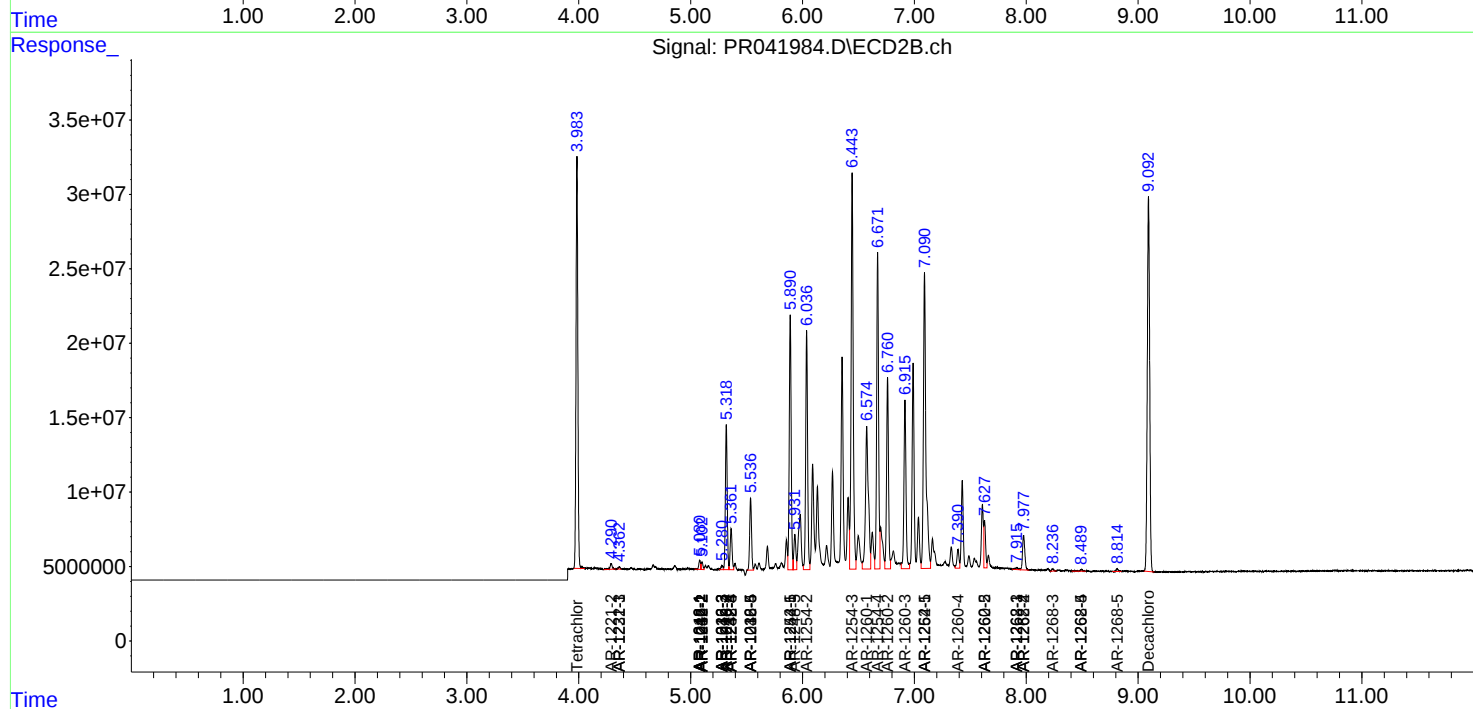
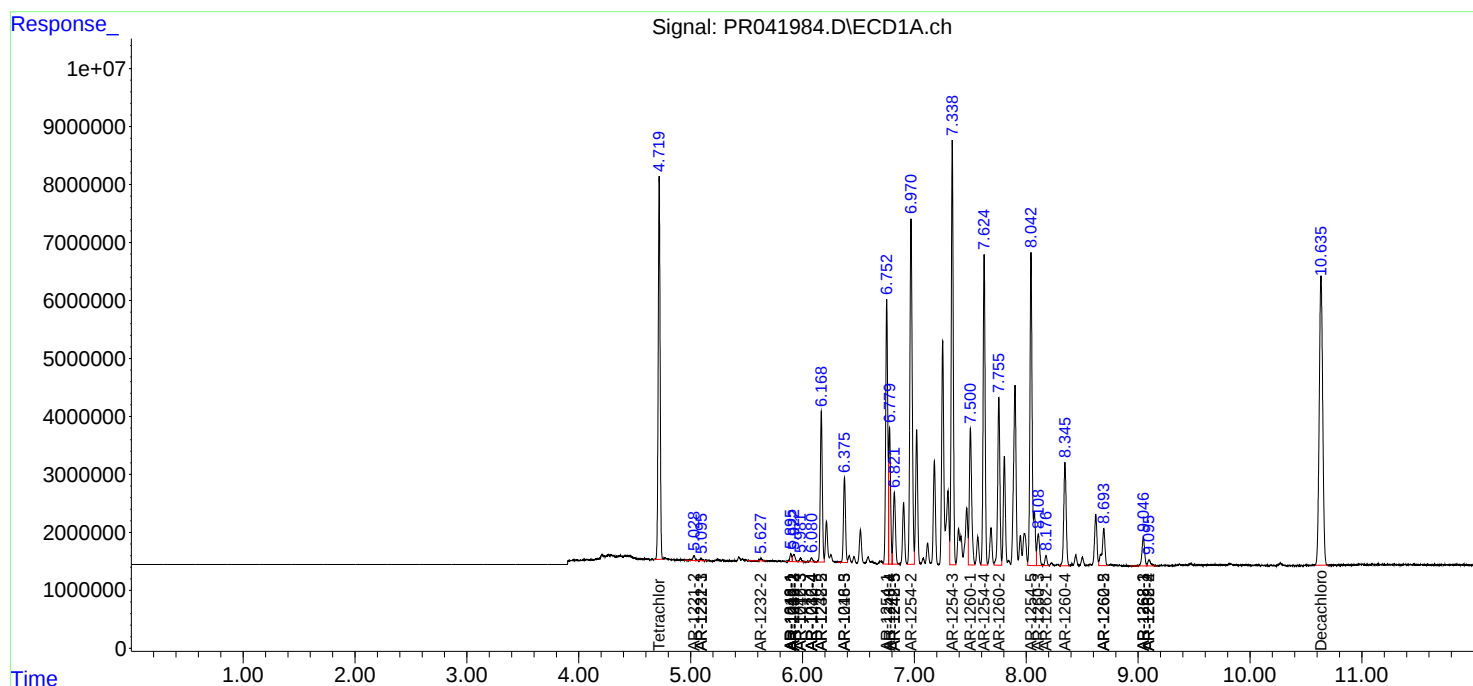
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

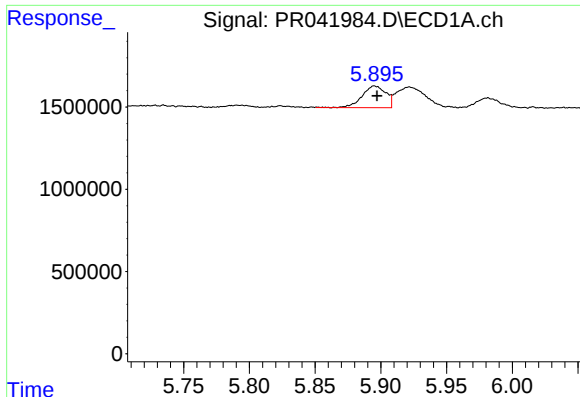
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

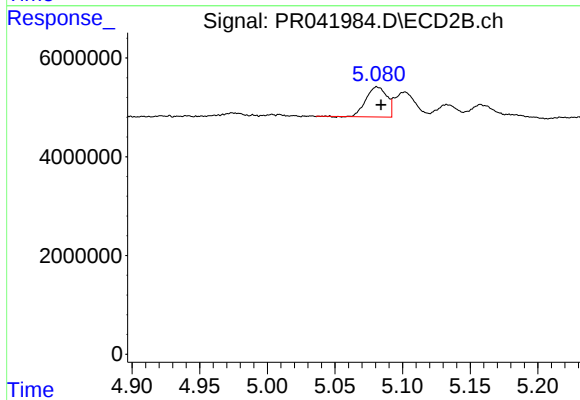




#3 AR-1016-1

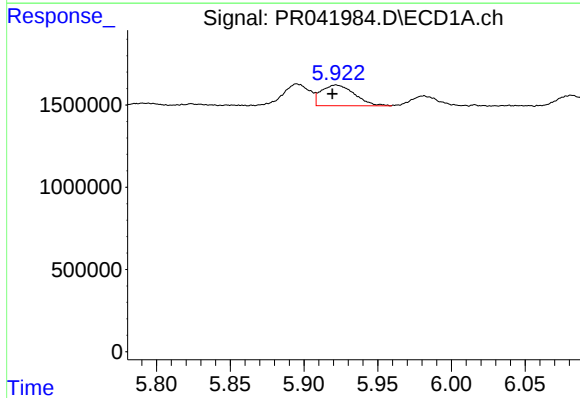
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 1659978
Conc: 11.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



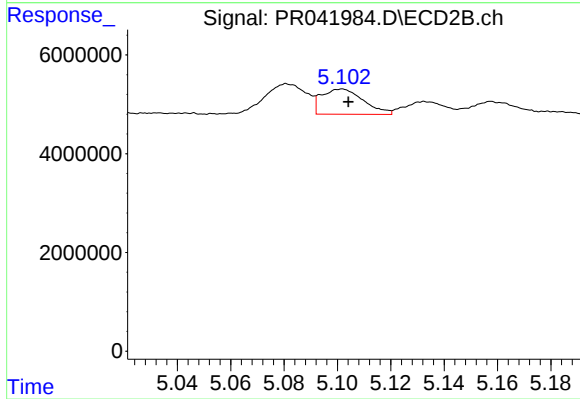
#3 AR-1016-1

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 6523777
Conc: 12.00 ng/ml



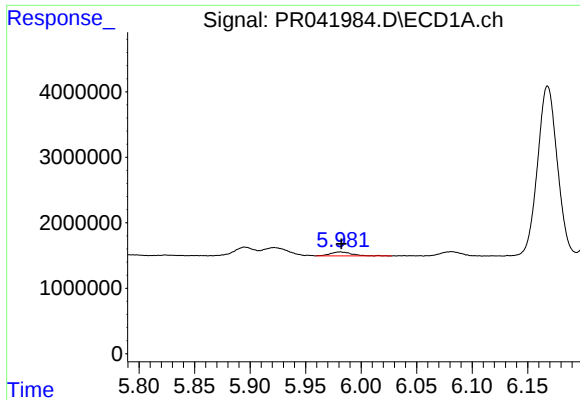
#4 AR-1016-2

R.T.: 5.922 min
Delta R.T.: 0.003 min
Response: 1975648
Conc: 9.66 ng/ml



#4 AR-1016-2

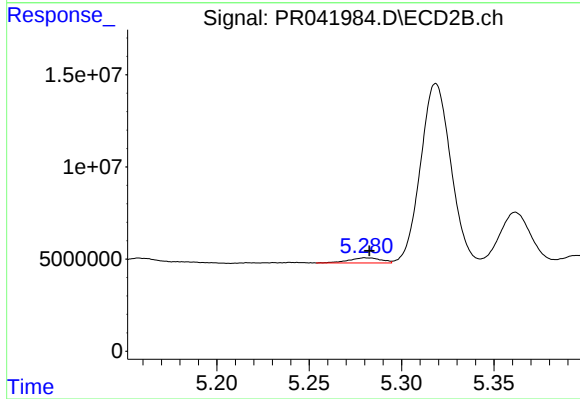
R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 5566829
Conc: 7.71 ng/ml



#5 AR-1016-3

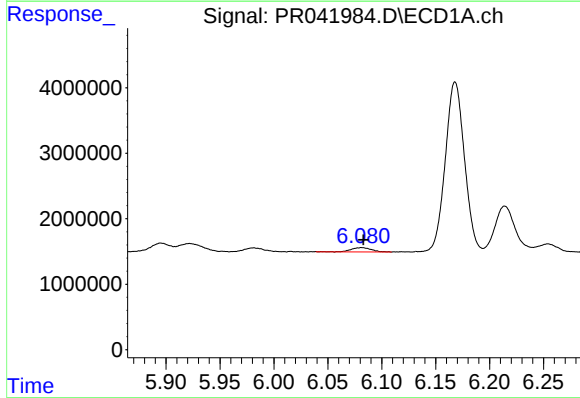
R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 808597
Conc: 6.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



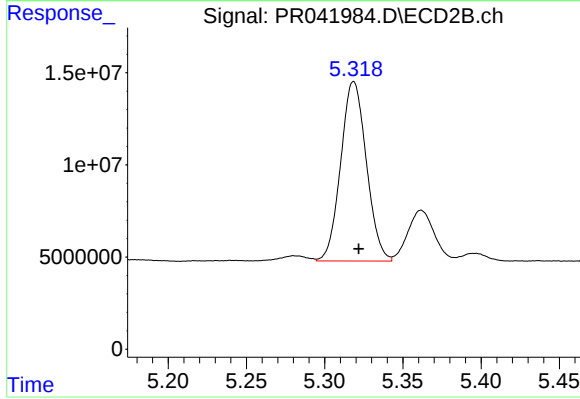
#5 AR-1016-3

R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 3408634
Conc: 9.35 ng/ml



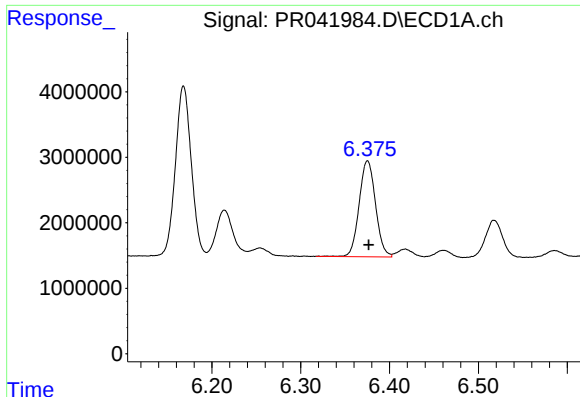
#6 AR-1016-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 892186
Conc: 8.77 ng/ml



#6 AR-1016-4

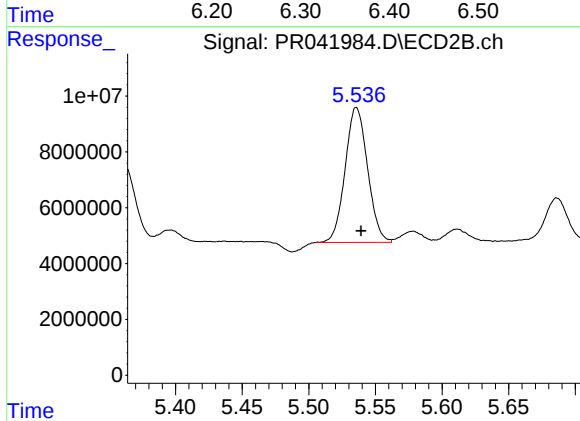
R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 111227012
Conc: 400.80 ng/ml



#7 AR-1016-5

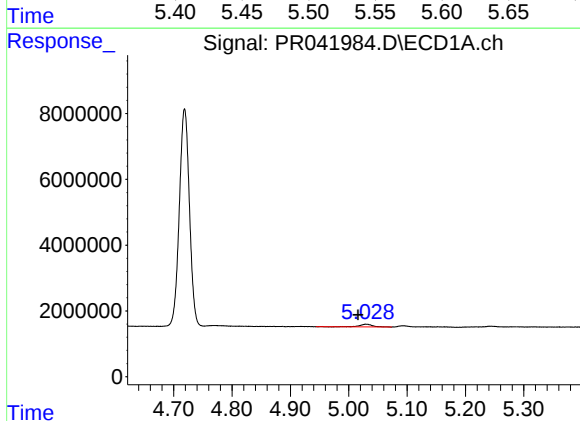
R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 18789853
Conc: 188.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



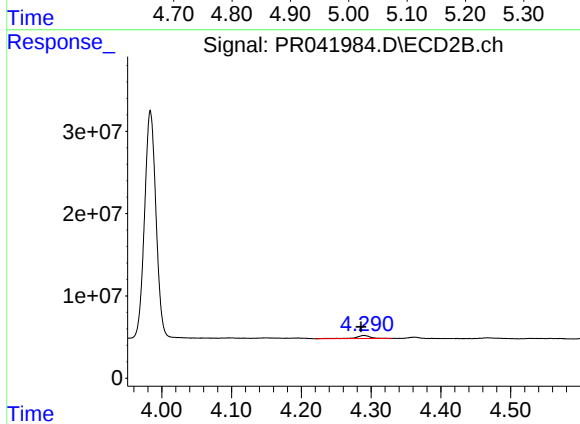
#7 AR-1016-5

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 56804782
Conc: 183.71 ng/ml



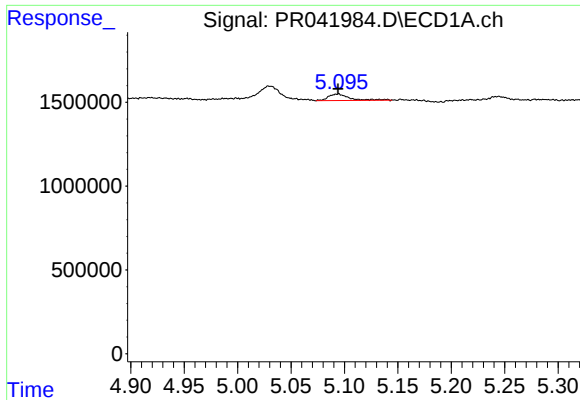
#9 AR-1221-2

R.T.: 5.030 min
Delta R.T.: 0.014 min
Response: 1294113
Conc: 44.60 ng/ml



#9 AR-1221-2

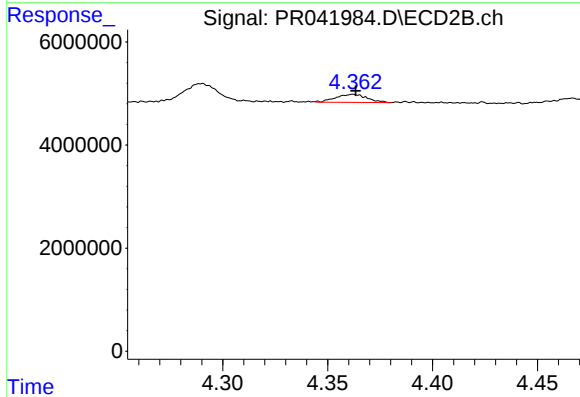
R.T.: 4.290 min
Delta R.T.: 0.004 min
Response: 5659016
Conc: 46.05 ng/ml



#10 AR-1221-3

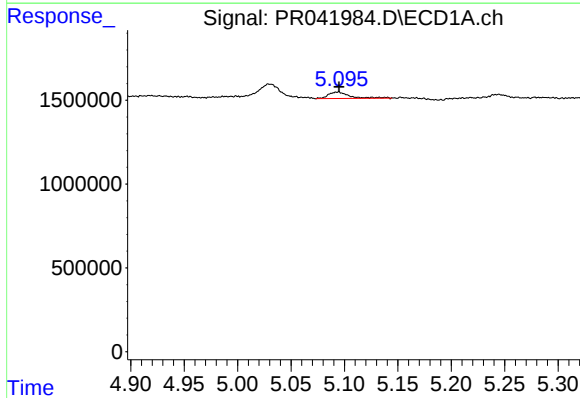
R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 516635
Conc: 5.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



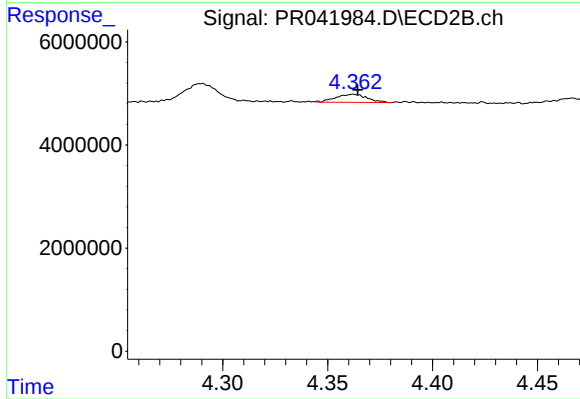
#10 AR-1221-3

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 1624524
Conc: 4.17 ng/ml



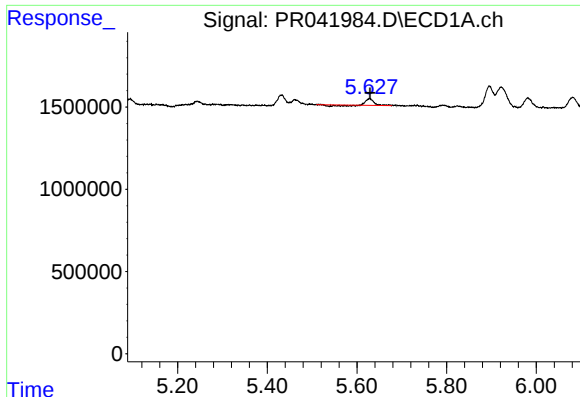
#11 AR-1232-1

R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 516635
Conc: 6.17 ng/ml



#11 AR-1232-1

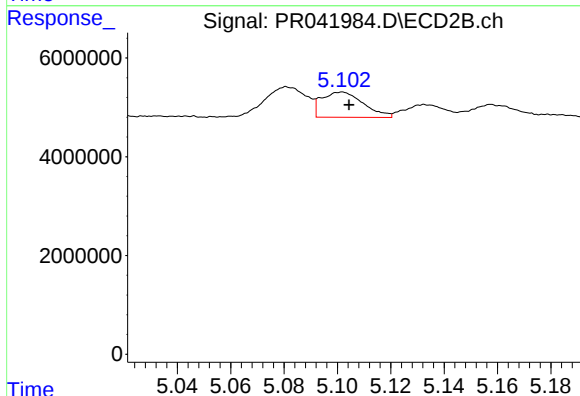
R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1624524
Conc: 4.77 ng/ml



#12 AR-1232-2

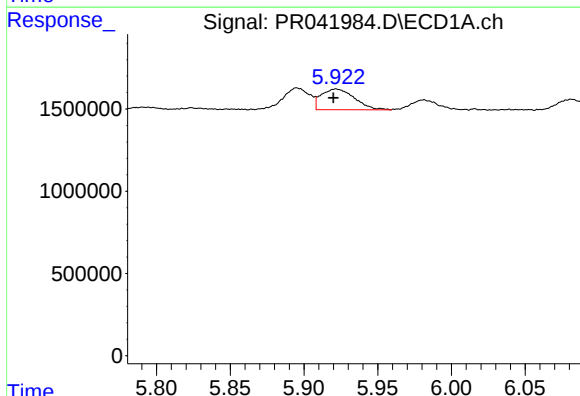
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 343797
Conc: 7.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



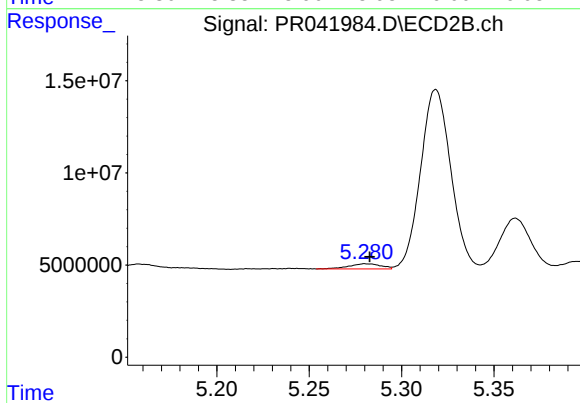
#12 AR-1232-2

R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 5566829
Conc: 16.35 ng/ml



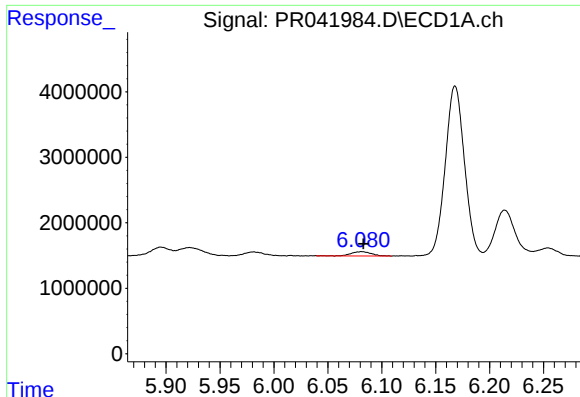
#13 AR-1232-3

R.T.: 5.922 min
Delta R.T.: 0.002 min
Response: 1975648
Conc: 21.97 ng/ml



#13 AR-1232-3

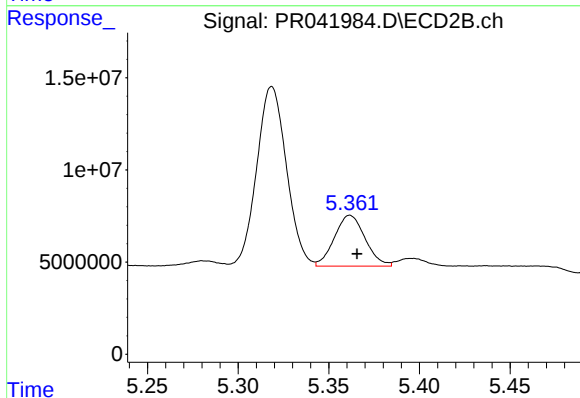
R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 3408634
Conc: 20.24 ng/ml



#14 AR-1232-4

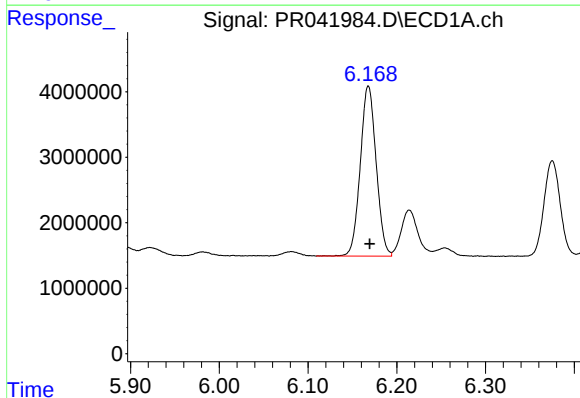
R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 892186
Conc: 20.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



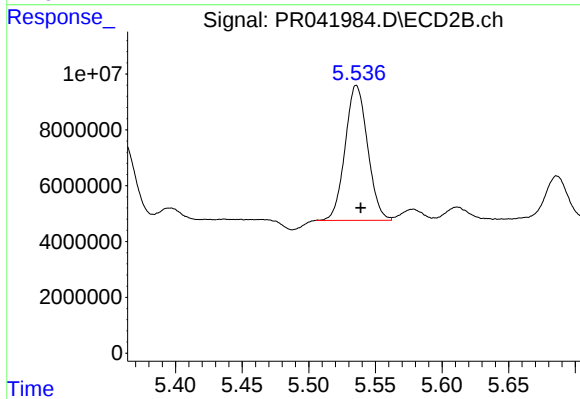
#14 AR-1232-4

R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 32515223
Conc: 228.27 ng/ml



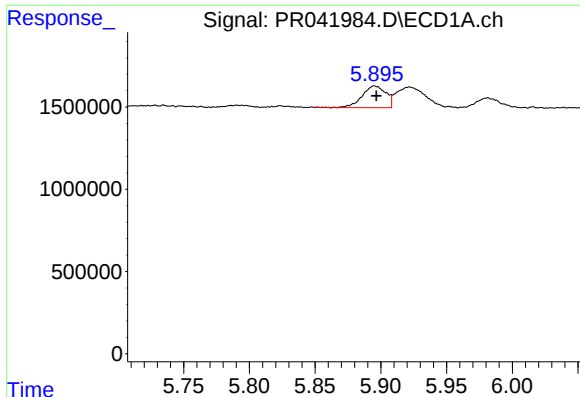
#15 AR-1232-5

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 32280800
Conc: 982.62 ng/ml



#15 AR-1232-5

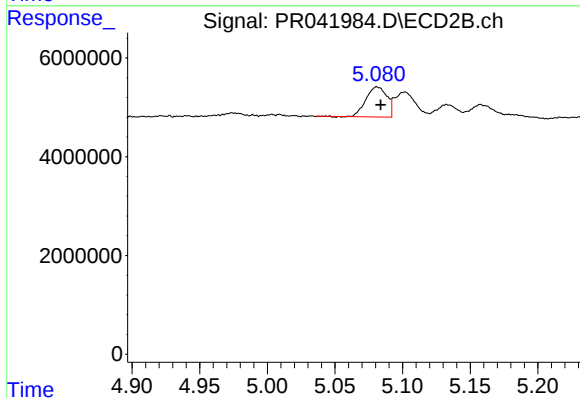
R.T.: 5.536 min
Delta R.T.: -0.003 min
Response: 56804782
Conc: 421.55 ng/ml



#16 AR-1242-1

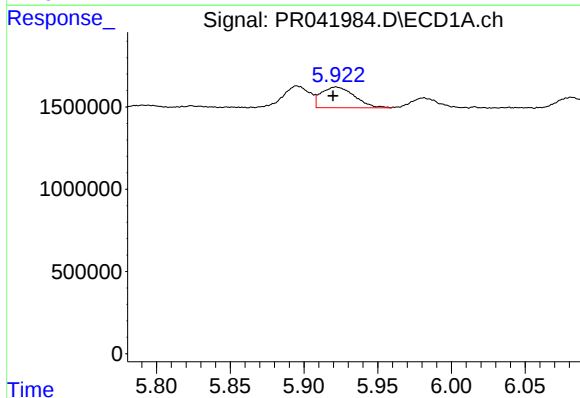
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1659978
Conc: 15.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
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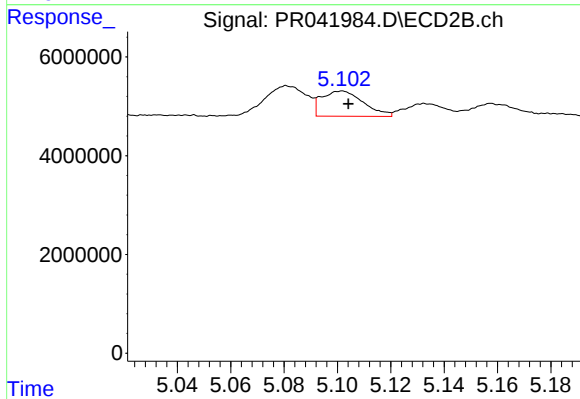
#16 AR-1242-1

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 6523777
Conc: 15.36 ng/ml



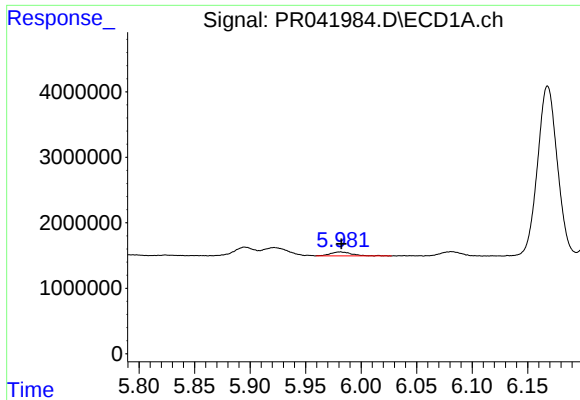
#17 AR-1242-2

R.T.: 5.922 min
Delta R.T.: 0.002 min
Response: 1975648
Conc: 12.73 ng/ml



#17 AR-1242-2

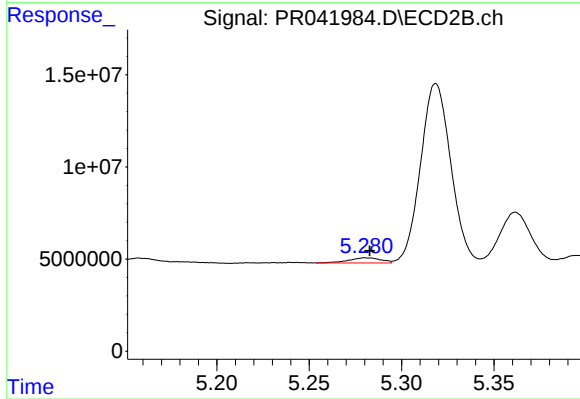
R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 5566829
Conc: 9.78 ng/ml



#18 AR-1242-3

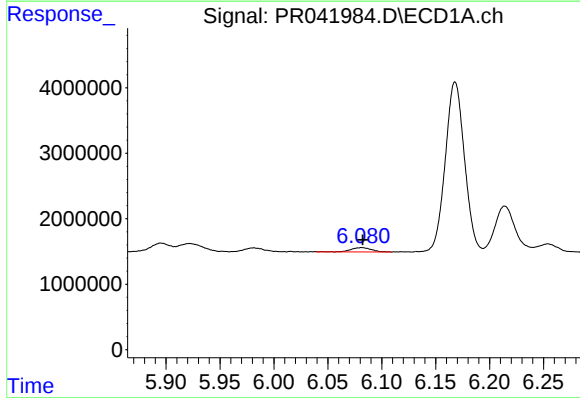
R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 808597
Conc: 8.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



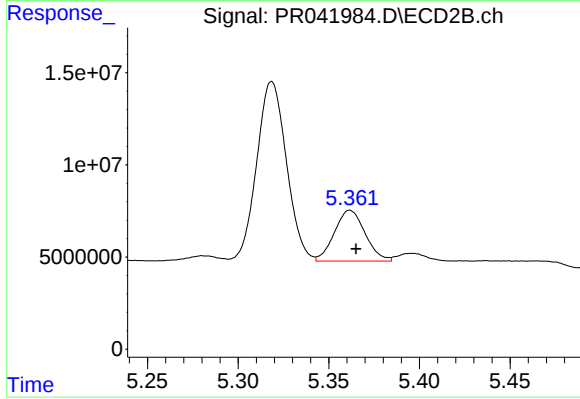
#18 AR-1242-3

R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 3408634
Conc: 11.81 ng/ml



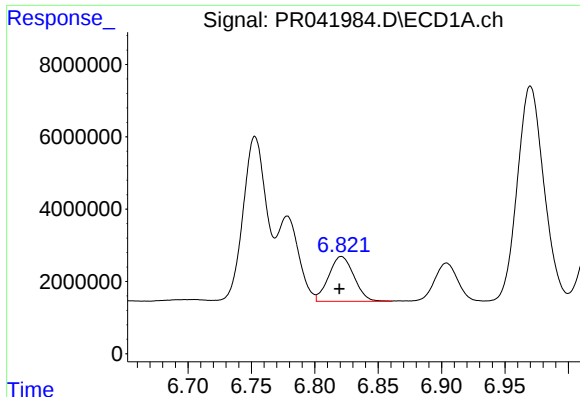
#19 AR-1242-4

R.T.: 6.081 min
Delta R.T.: -0.001 min
Response: 892186
Conc: 11.48 ng/ml



#19 AR-1242-4

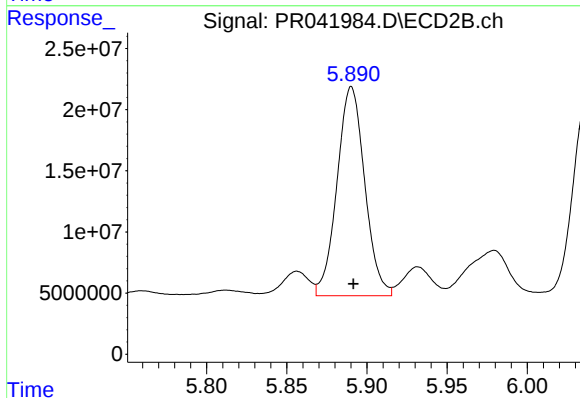
R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 32515223
Conc: 124.90 ng/ml



#20 AR-1242-5

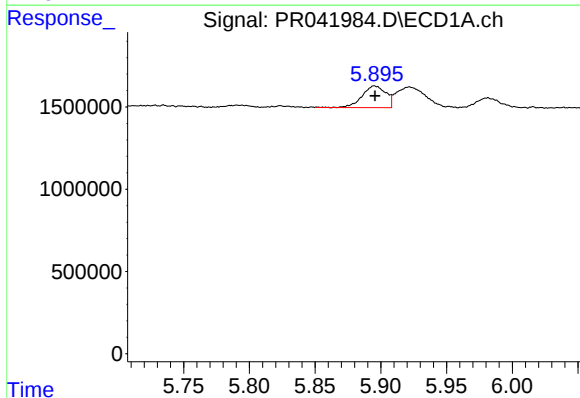
R.T.: 6.821 min
Delta R.T.: 0.002 min
Response: 17192186
Conc: 196.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



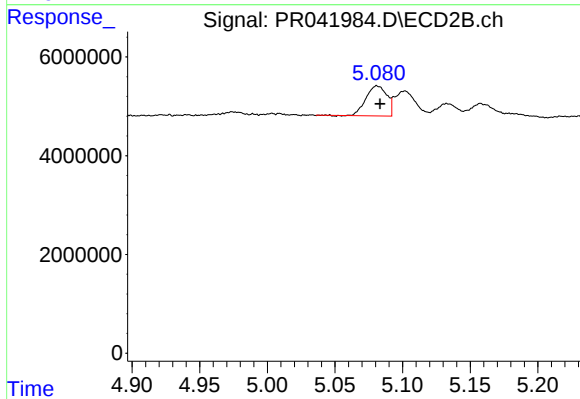
#20 AR-1242-5

R.T.: 5.890 min
Delta R.T.: -0.001 min
Response: 205662316
Conc: 775.23 ng/ml



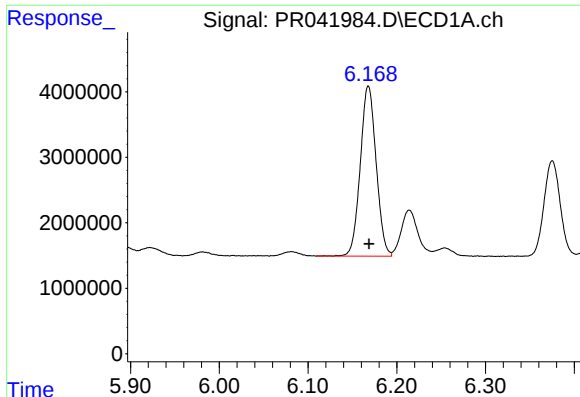
#21 AR-1248-1

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1659978
Conc: 19.95 ng/ml



#21 AR-1248-1

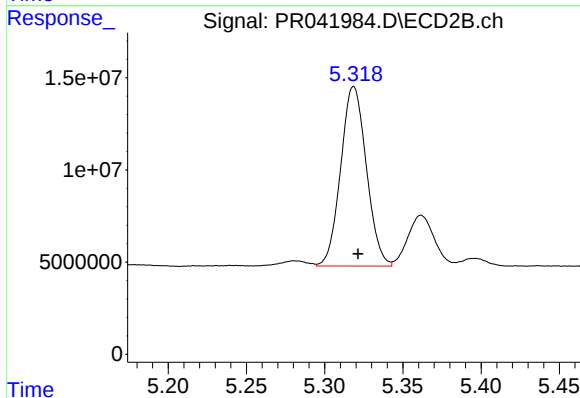
R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 6523777
Conc: 20.02 ng/ml



#22 AR-1248-2

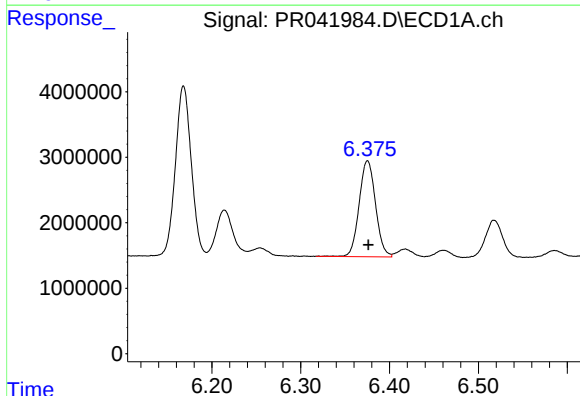
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 32280800
Conc: 281.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



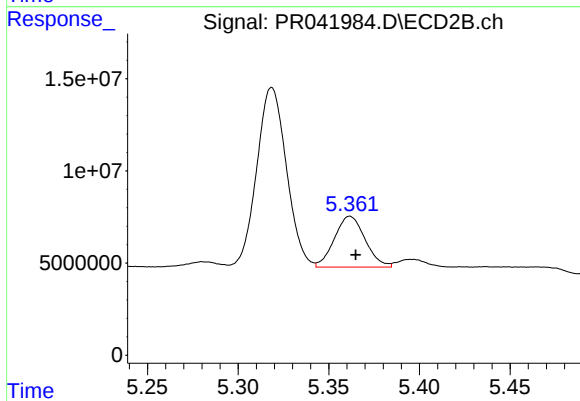
#22 AR-1248-2

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 111227012
Conc: 298.62 ng/ml



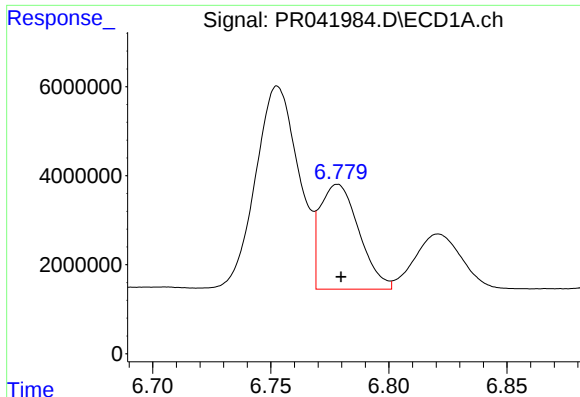
#23 AR-1248-3

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 18789853
Conc: 144.92 ng/ml



#23 AR-1248-3

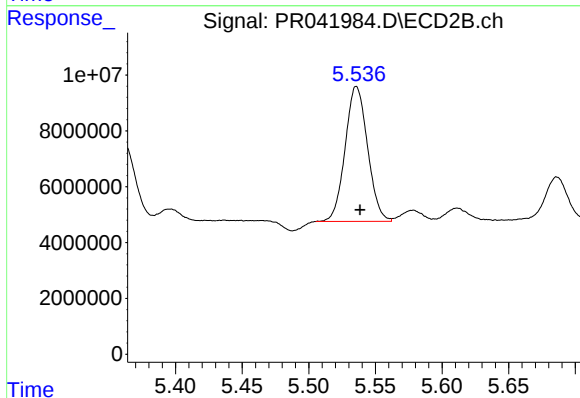
R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 32515223
Conc: 86.87 ng/ml



#24 AR-1248-4

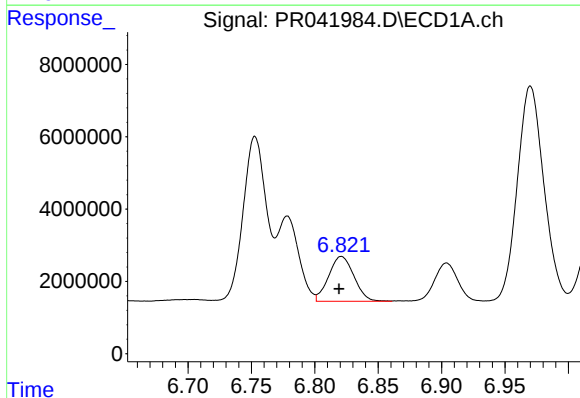
R.T.: 6.778 min
Delta R.T.: -0.002 min
Response: 27016026
Conc: 176.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



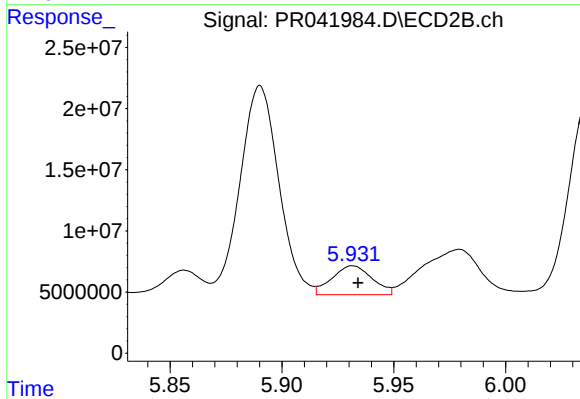
#24 AR-1248-4

R.T.: 5.536 min
Delta R.T.: -0.003 min
Response: 56804782
Conc: 142.63 ng/ml



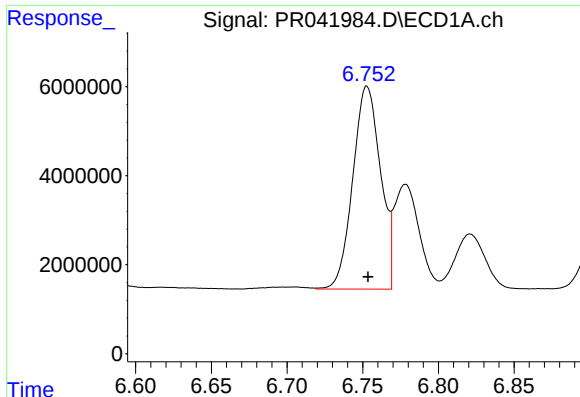
#25 AR-1248-5

R.T.: 6.821 min
Delta R.T.: 0.002 min
Response: 17192186
Conc: 118.74 ng/ml



#25 AR-1248-5

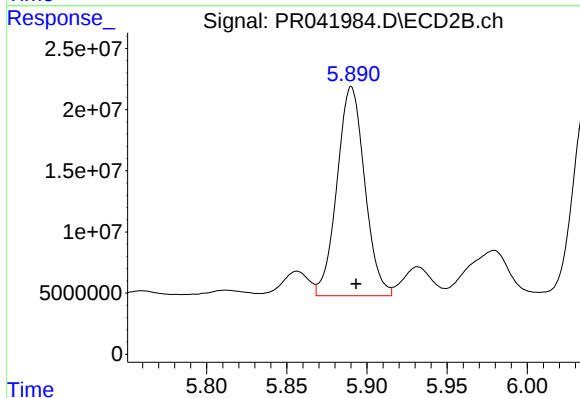
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 29515317
Conc: 84.51 ng/ml



#26 AR-1254-1

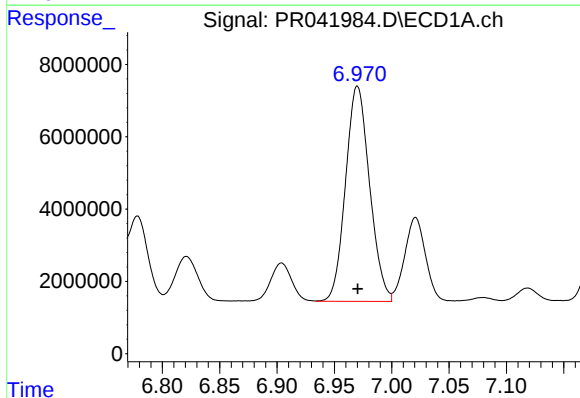
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 58186329
Conc: 356.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



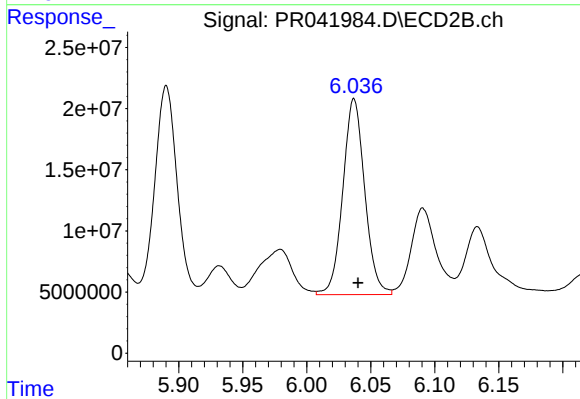
#26 AR-1254-1

R.T.: 5.890 min
Delta R.T.: -0.003 min
Response: 205662316
Conc: 388.24 ng/ml



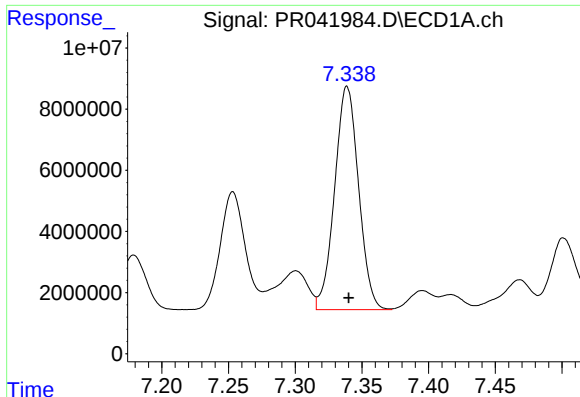
#27 AR-1254-2

R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 86882011
Conc: 350.19 ng/ml



#27 AR-1254-2

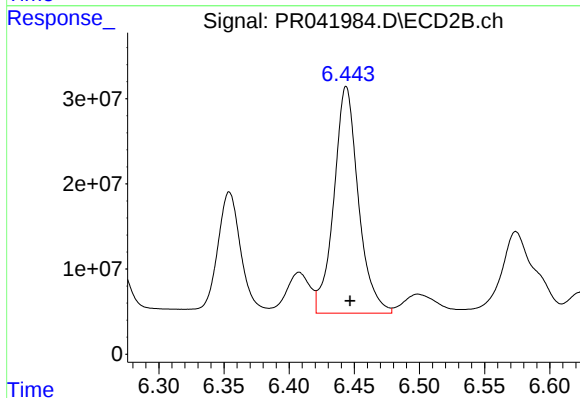
R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 190966375
Conc: 380.90 ng/ml



#28 AR-1254-3

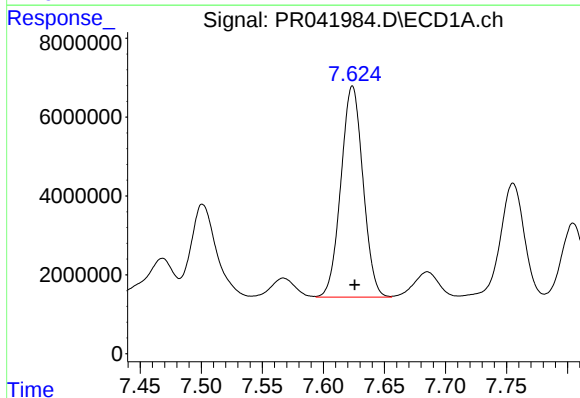
R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 91444831
Conc: 338.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



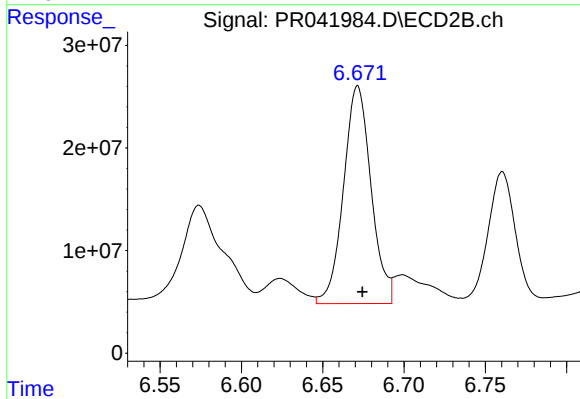
#28 AR-1254-3

R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 348507885
Conc: 369.40 ng/ml



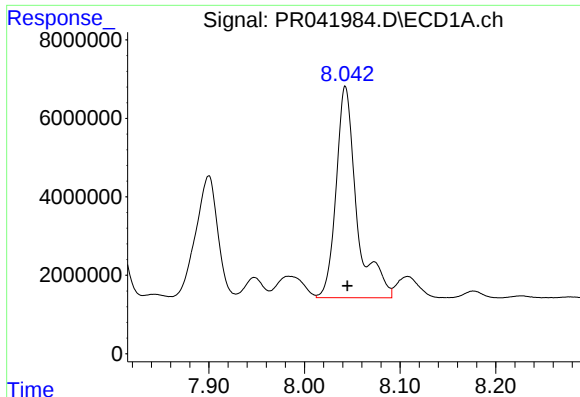
#29 AR-1254-4

R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 67349624
Conc: 331.84 ng/ml



#29 AR-1254-4

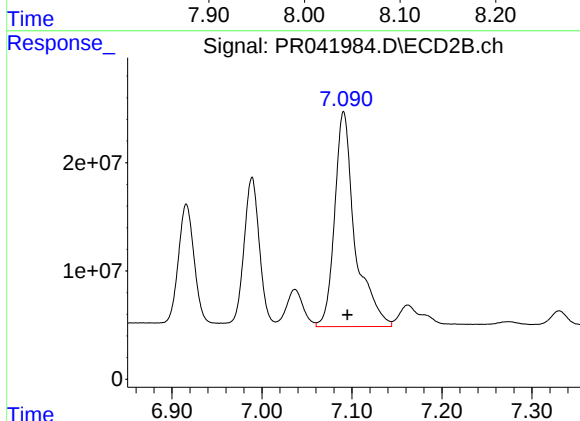
R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 250538687
Conc: 378.41 ng/ml



#30 AR-1254-5

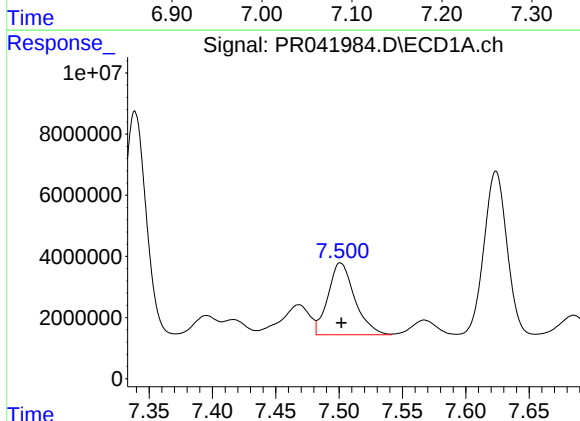
R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 81100507
Conc: 381.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



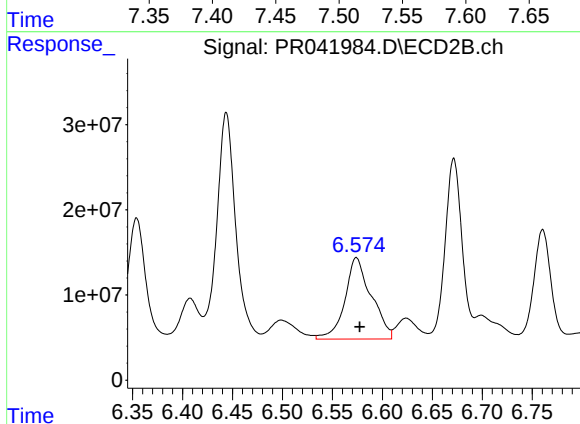
#30 AR-1254-5

R.T.: 7.091 min
Delta R.T.: -0.004 min
Response: 311709896
Conc: 363.03 ng/ml



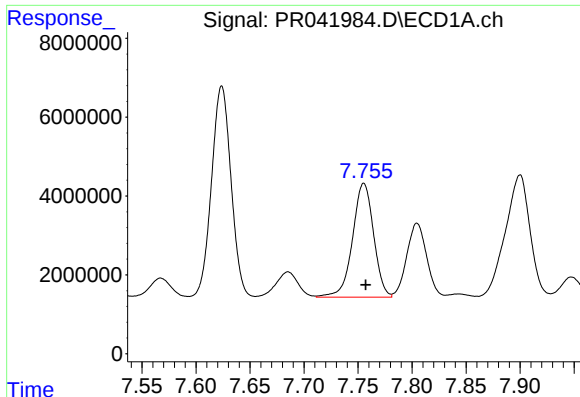
#31 AR-1260-1

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 34495675
Conc: 182.07 ng/ml



#31 AR-1260-1

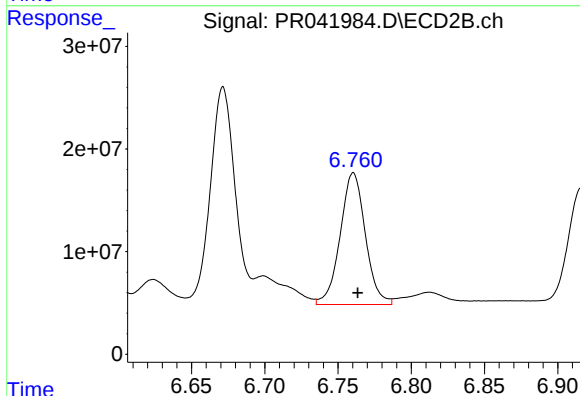
R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 175795622
Conc: 296.57 ng/ml



#32 AR-1260-2

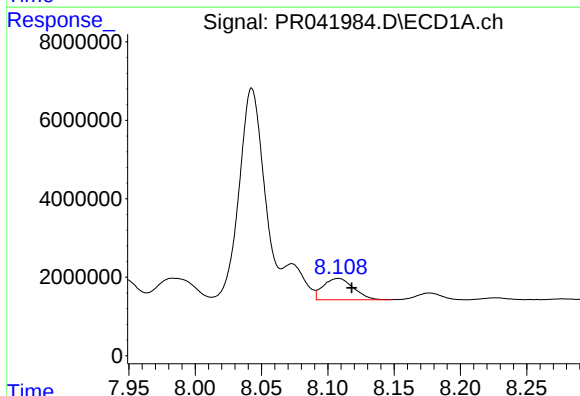
R.T.: 7.755 min
Delta R.T.: -0.002 min
Response: 39266560
Conc: 166.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



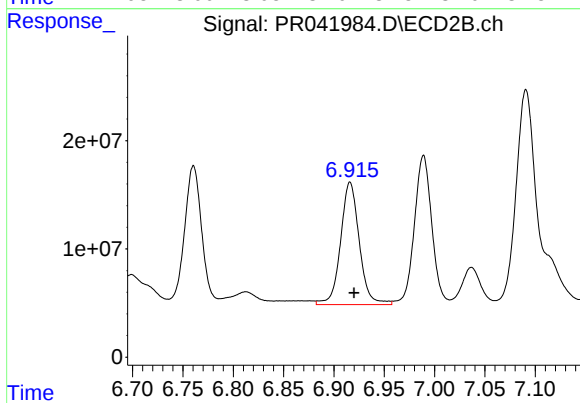
#32 AR-1260-2

R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 153647390
Conc: 188.46 ng/ml



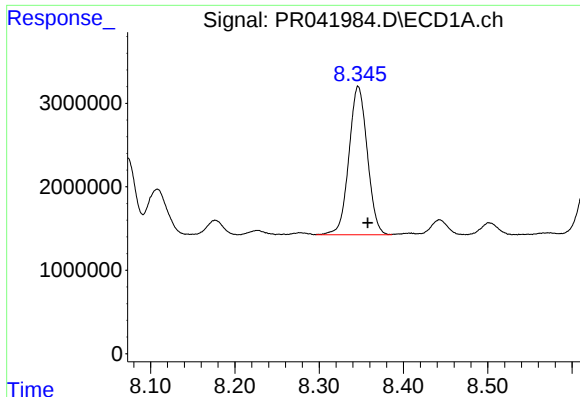
#33 AR-1260-3

R.T.: 8.108 min
Delta R.T.: -0.010 min
Response: 8612086
Conc: 45.88 ng/ml



#33 AR-1260-3

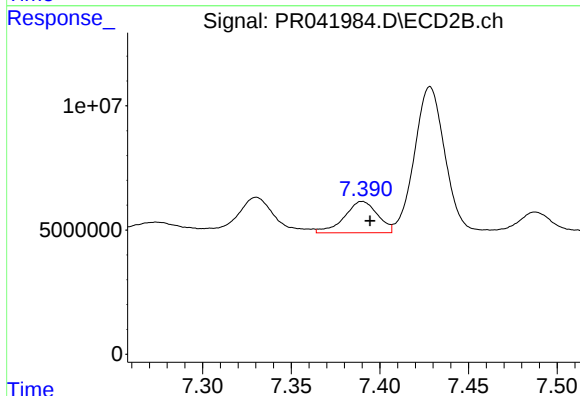
R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 146594178
Conc: 212.05 ng/ml



#34 AR-1260-4

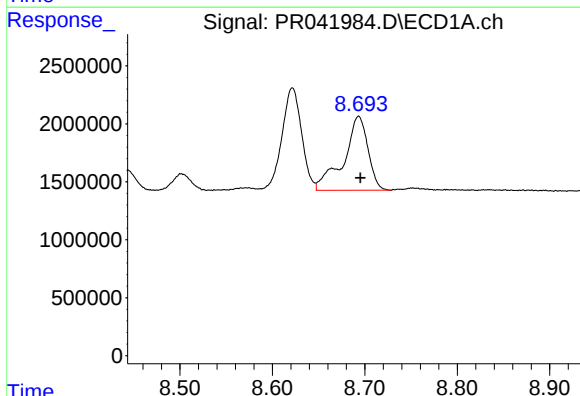
R.T.: 8.346 min
Delta R.T.: -0.011 min
Response: 26895886
Conc: 133.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



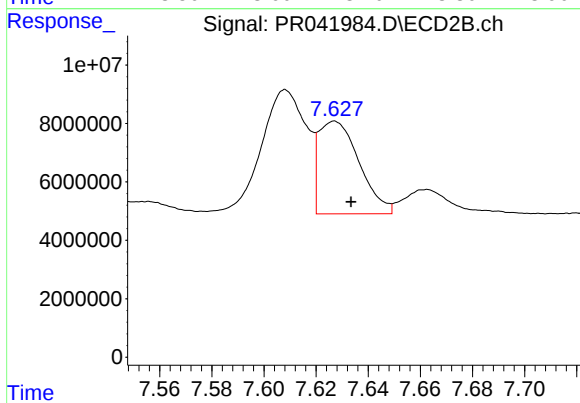
#34 AR-1260-4

R.T.: 7.390 min
Delta R.T.: -0.004 min
Response: 16518802
Conc: 28.47 ng/ml



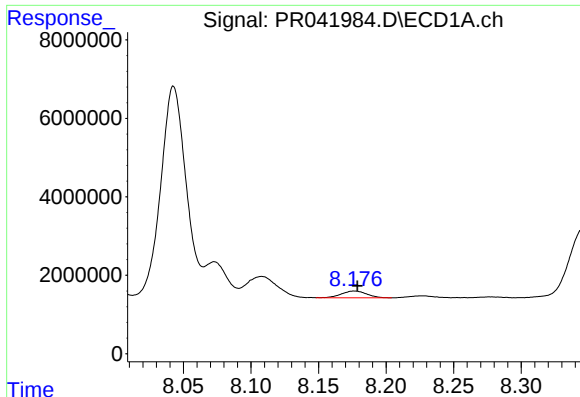
#35 AR-1260-5

R.T.: 8.693 min
Delta R.T.: -0.002 min
Response: 11658958
Conc: 26.93 ng/ml



#35 AR-1260-5

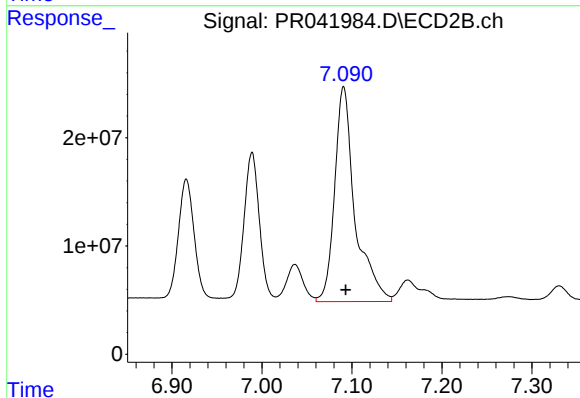
R.T.: 7.627 min
Delta R.T.: -0.006 min
Response: 34298008
Conc: 21.10 ng/ml



#36 AR-1262-1

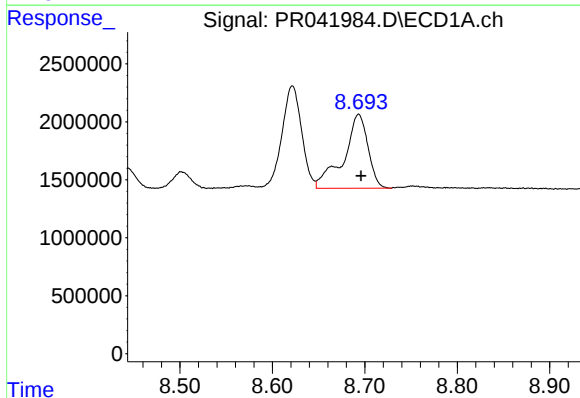
R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 2240656
Conc: 23.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



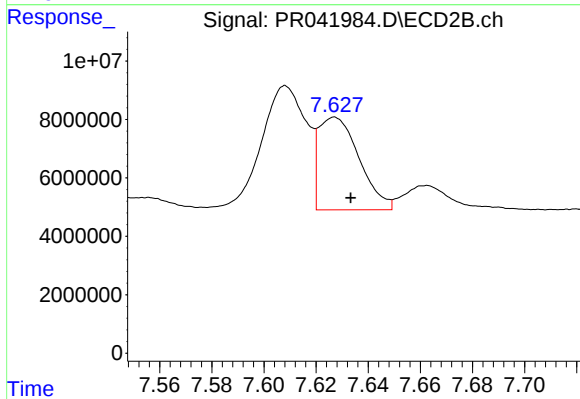
#36 AR-1262-1

R.T.: 7.091 min
Delta R.T.: -0.003 min
Response: 311709896
Conc: 715.29 ng/ml



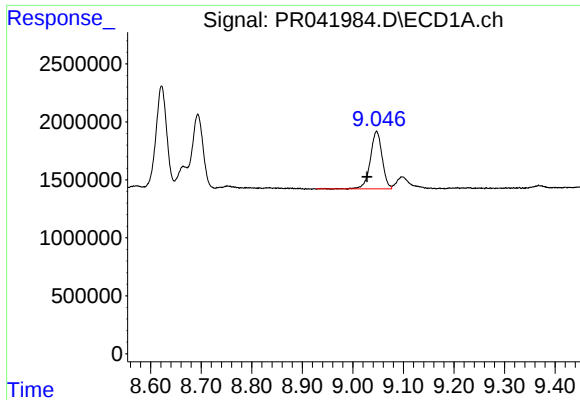
#37 AR-1262-2

R.T.: 8.693 min
Delta R.T.: -0.003 min
Response: 11658958
Conc: 27.03 ng/ml



#37 AR-1262-2

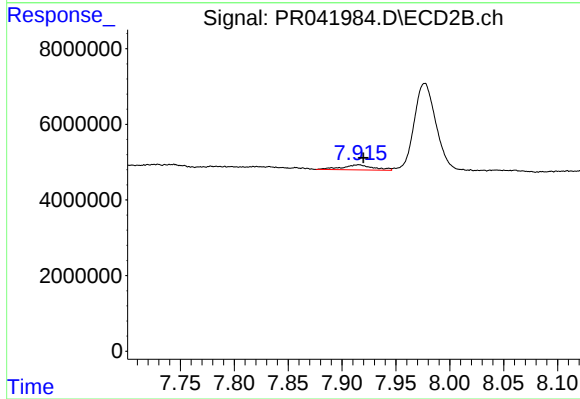
R.T.: 7.627 min
Delta R.T.: -0.006 min
Response: 34298008
Conc: 19.92 ng/ml



#38 AR-1262-3

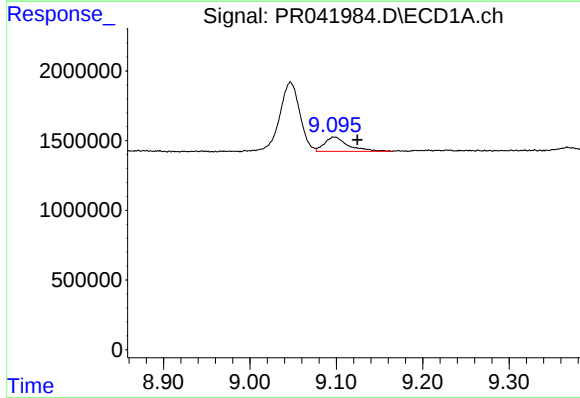
R.T.: 9.047 min
Delta R.T.: 0.019 min
Response: 8054509
Conc: 28.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



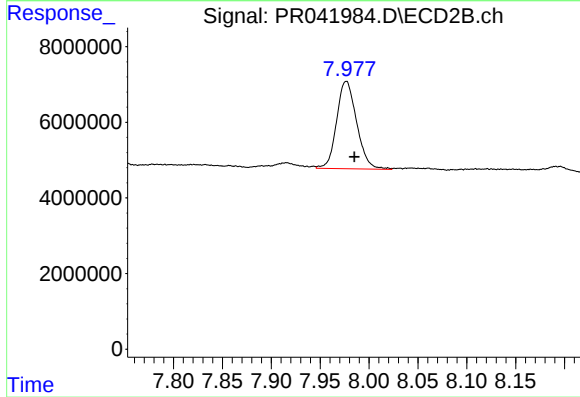
#38 AR-1262-3

R.T.: 7.916 min
Delta R.T.: -0.004 min
Response: 2693765
Conc: 4.13 ng/ml



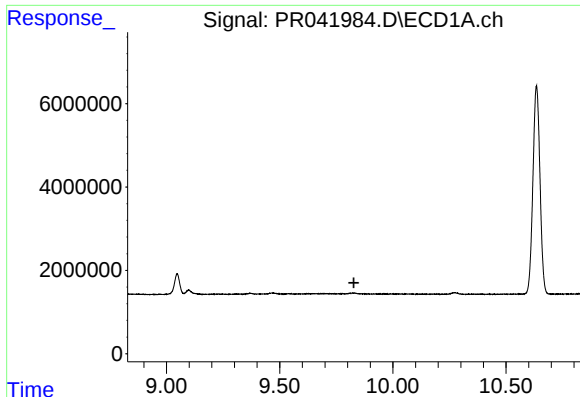
#39 AR-1262-4

R.T.: 9.098 min
Delta R.T.: -0.027 min
Response: 1966143
Conc: 9.60 ng/ml



#39 AR-1262-4

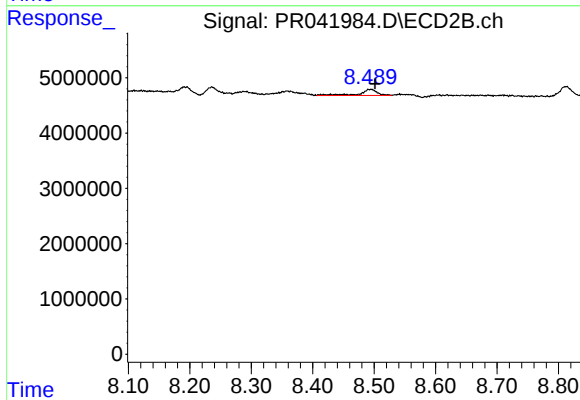
R.T.: 7.977 min
Delta R.T.: -0.008 min
Response: 33000612
Conc: 28.24 ng/ml



#40 AR-1262-5

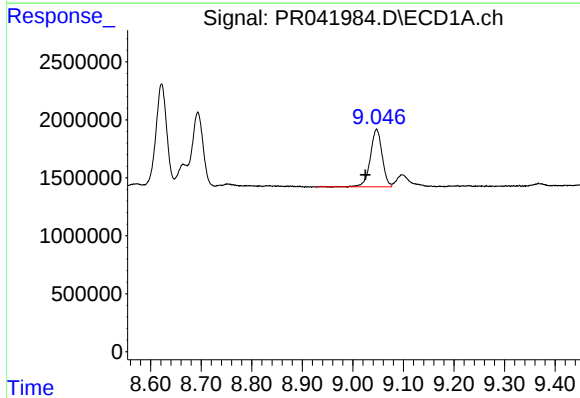
R.T.: 0.000 min
Exp R.T.: 9.828 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254369



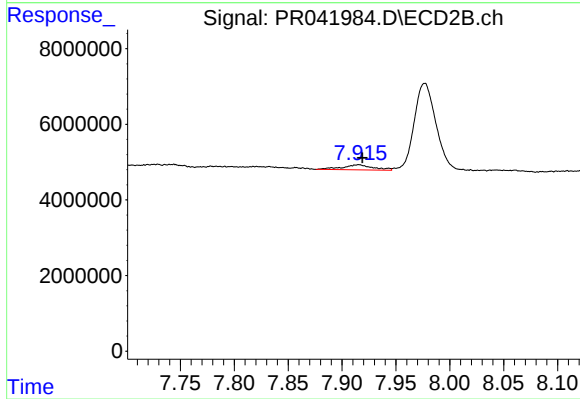
#40 AR-1262-5

R.T.: 8.495 min
Delta R.T.: -0.006 min
Response: 2241991
Conc: 4.19 ng/ml



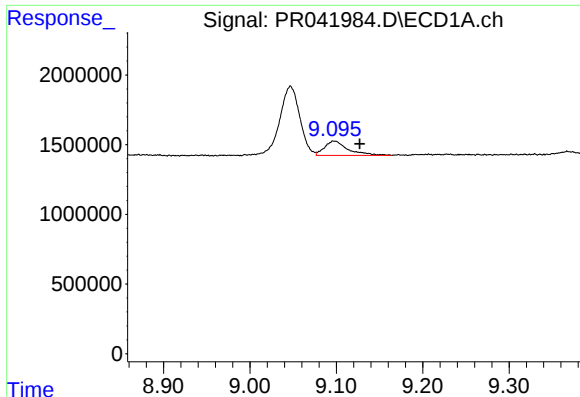
#41 AR-1268-1

R.T.: 9.047 min
Delta R.T.: 0.022 min
Response: 8054509
Conc: 14.66 ng/ml



#41 AR-1268-1

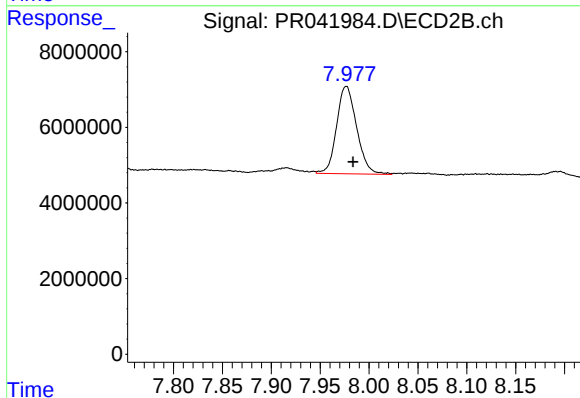
R.T.: 7.916 min
Delta R.T.: -0.003 min
Response: 2693765
Conc: 1.23 ng/ml



#42 AR-1268-2

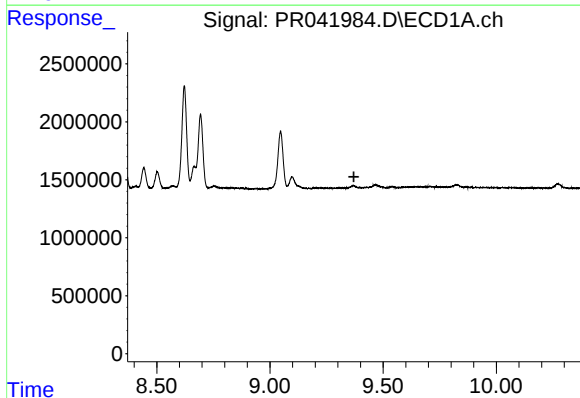
R.T.: 9.098 min
Delta R.T.: -0.029 min
Response: 1966143
Conc: 3.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254369



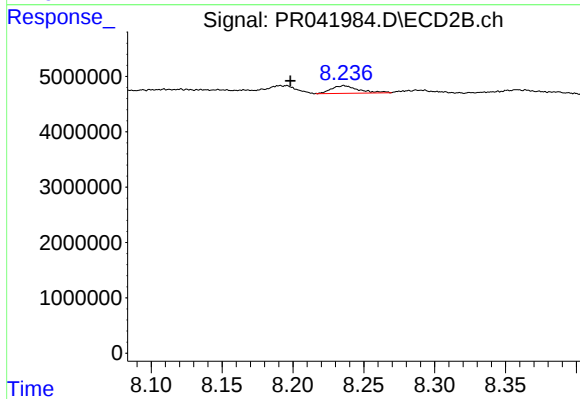
#42 AR-1268-2

R.T.: 7.977 min
Delta R.T.: -0.007 min
Response: 33000612
Conc: 16.58 ng/ml



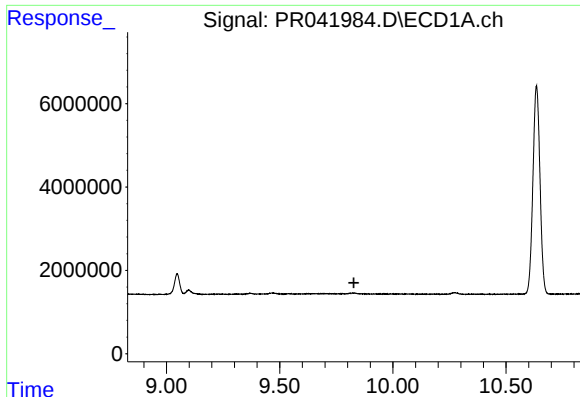
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.371 min
Response: 0
Conc: N.D.



#43 AR-1268-3

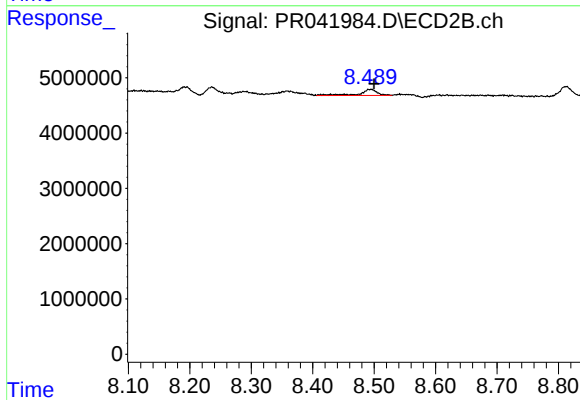
R.T.: 8.236 min
Delta R.T.: 0.038 min
Response: 1811905
Conc: 1.08 ng/ml



#44 AR-1268-4

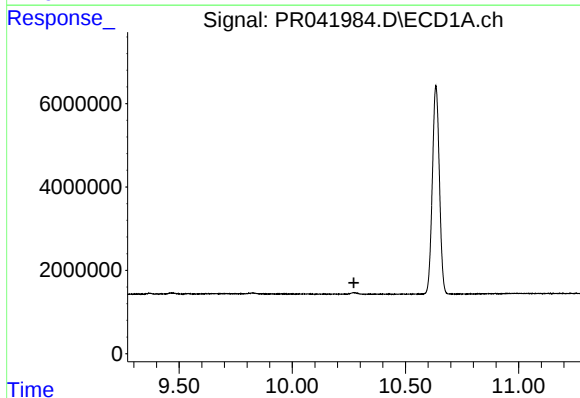
R.T.: 0.000 min
Exp R.T. : 9.828 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254369



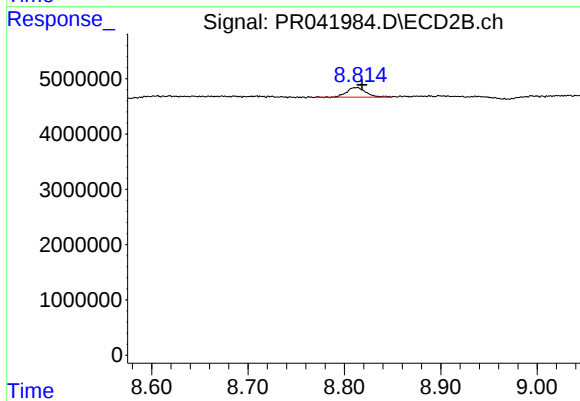
#44 AR-1268-4

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 2241991
Conc: 3.47 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.272 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.813 min
Delta R.T.: -0.006 min
Response: 2438506
Conc: 0.53 ng/ml