

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092719\
 Data File : PR041598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2019 14:21
 Operator : SM\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1242351

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 15:25:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 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...	4.739	4.004	33578850	138.2E6	25.296	22.846
2)	SA Decachlor...	10.662	9.121	158.7E6	477.0E6	49.708	44.216
Target Compounds							
3)	L1 AR-1016-1	5.914	5.101	25614833	53431329	400.565	362.615
4)	L1 AR-1016-2	5.937	5.122	36204792	74551386	397.582	362.109
5)	L1 AR-1016-3	6.000	5.301	21847679	41222972	398.130	348.349
6)	L1 AR-1016-4	6.100	5.339	18220156	31957929	379.868	328.056
7)	L1 AR-1016-5	6.394	5.556	19600353	51431171	396.192	369.946
8)	L2 AR-1221-1	4.942	4.213	1692374	5008832	130.675	87.389 #
9)	L2 AR-1221-2	5.034	4.303	2345121	6965803	175.787	199.741
10)	L2 AR-1221-3	5.112	4.381	10176212	24984703	278.624	235.616
11)	L3 AR-1232-1	5.112	4.381	10176212	24984703	348.897	309.966
12)	L3 AR-1232-2	5.647	5.122	15343647	74551386	937.878	766.557
13)	L3 AR-1232-3	5.937	5.301	36204792	41222972	954.964	918.033
14)	L3 AR-1232-4	6.100	5.383	18220156	43145780	987.452	1030.067
15)	L3 AR-1232-5	6.186	5.556	15558046	51431171	1125.952	961.436
16)	L4 AR-1242-1	5.914	5.101	25614833	53431329	497.991	476.506
17)	L4 AR-1242-2	5.937	5.122	36204792	74551386	496.739	466.270
18)	L4 AR-1242-3	6.000	5.301	21847679	41222972	494.102	454.467
19)	L4 AR-1242-4	6.100	5.383	18220156	43145780	496.671	458.484
20)	L4 AR-1242-5	6.836	5.909	24617855	83378378	480.272	491.508
21)	L5 AR-1248-1	5.914	5.101	25614833	53431329	697.841	633.914
22)	L5 AR-1248-2	6.186	5.339	15558046	31957929	282.449	262.750
23)	L5 AR-1248-3	6.394	5.383	19600353	43145780	305.253	340.324
24)	L5 AR-1248-4	6.797	5.556	23408853	51431171	274.292	306.418
25)	L5 AR-1248-5	6.836	5.952	24617855	74424120	302.117	341.816
26)	L6 AR-1254-1	6.770	5.909	17296048	83378378	207.842	257.103
27)	L6 AR-1254-2	6.995	6.056	21205718	30139394	150.914	98.655 #
28)	L6 AR-1254-3	7.357	6.464	8701311	36258625	51.354	64.798 #
29)	L6 AR-1254-4	7.642	6.692	7897233	28781494	58.177	67.442
30)	L6 AR-1254-5	8.061	7.112	1763709	8162832	11.470	14.110
31)	L7 AR-1260-1	7.520	6.612	1158616	12586228	9.784	32.315 #
32)	L7 AR-1260-2	7.769	6.781	2087743	4210936	14.147	7.811 #
33)	L7 AR-1260-3	0.000	6.936	0	2995262	N.D.	6.412 #
34)	L7 AR-1260-4	8.365	7.450f	940990	2301505	6.591	5.430
35)	L7 AR-1260-5	0.000	7.629	0	2588786	N.D.	2.125 #
36)	L8 AR-1262-1	0.000	7.112	0	8162832	N.D.	24.388 #
37)	L8 AR-1262-2	0.000	7.629	0	2588786	N.D.	1.875 #
38)	L8 AR-1262-3	0.000	7.999f	0	2614224	N.D.	4.571 #
39)	L8 AR-1262-4	0.000	7.999	0	2614224	N.D.	2.580 #
41)	L9 AR-1268-1	0.000	7.999f	0	2614224	N.D.	1.545 #
42)	L9 AR-1268-2	0.000	7.999	0	2614224	N.D.	1.671 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

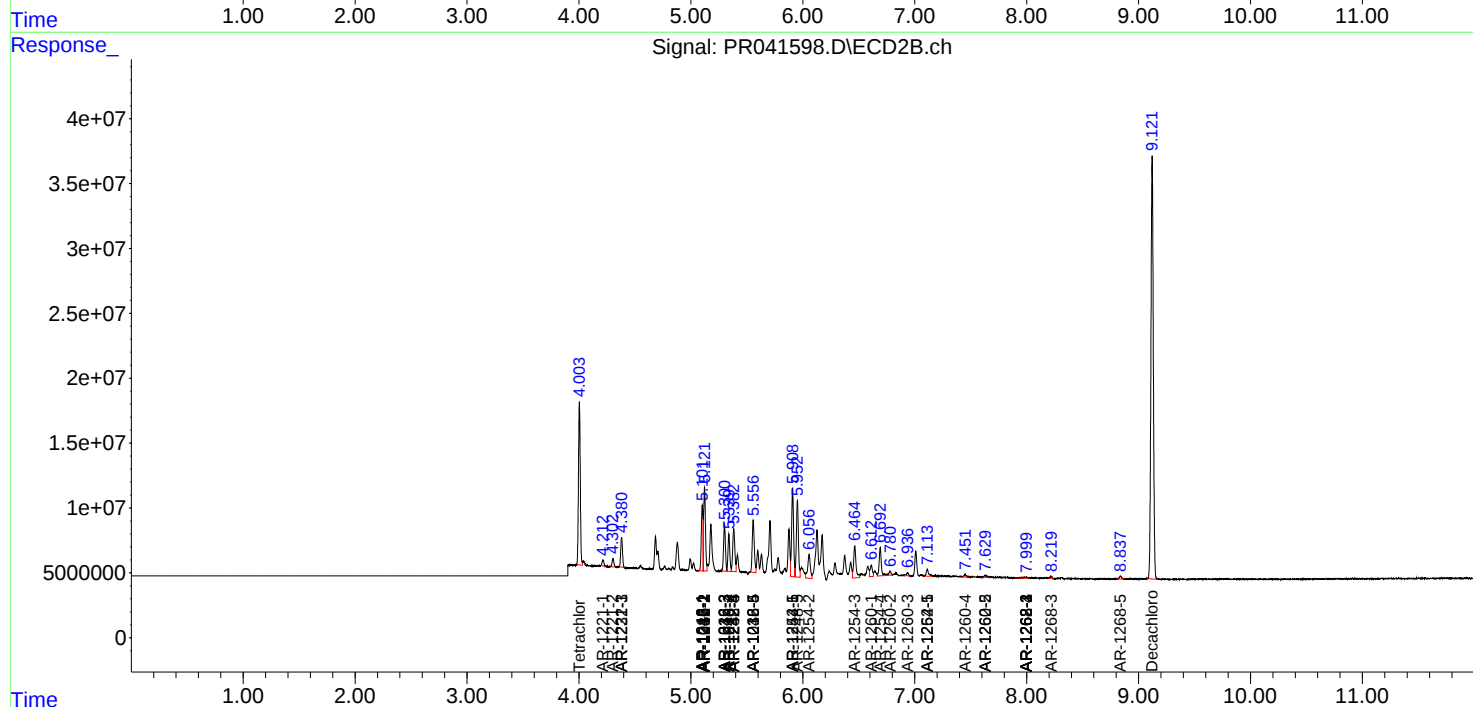
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

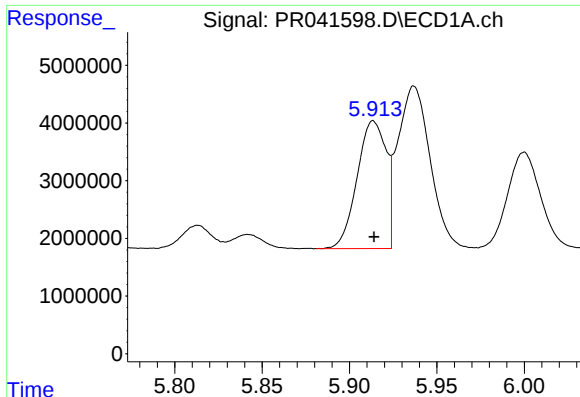
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.218	0	2271639	N.D.	1.717 #
45) L9	AR-1268-5	10.298	8.838	1079025	3022103	0.763	0.686

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

Instrument :
ECD_R
ClientSampleId :
AR1242351

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

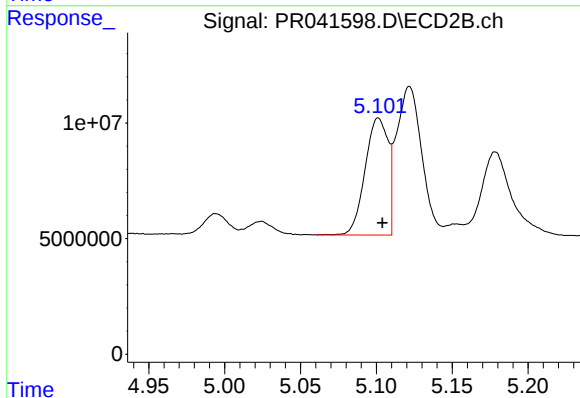




#3 AR-1016-1

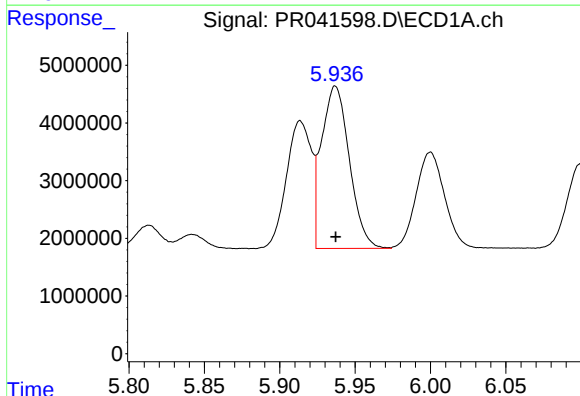
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 25614833
Conc: 400.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



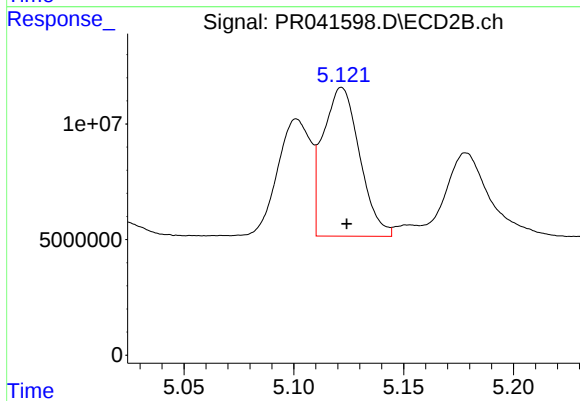
#3 AR-1016-1

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 53431329
Conc: 362.62 ng/ml



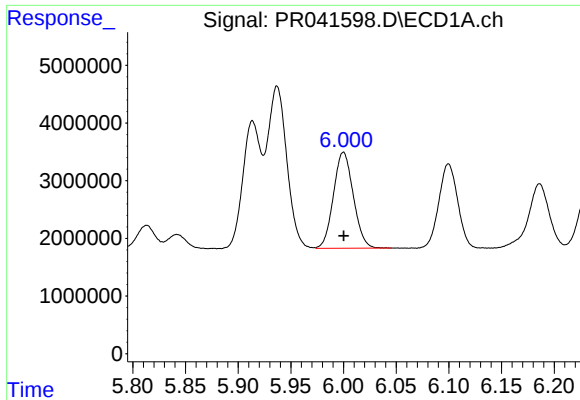
#4 AR-1016-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 36204792
Conc: 397.58 ng/ml



#4 AR-1016-2

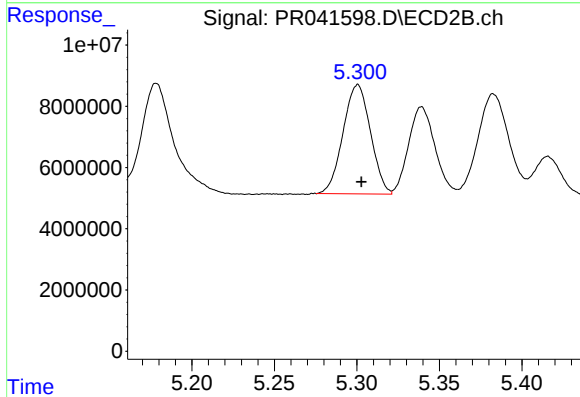
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 74551386
Conc: 362.11 ng/ml



#5 AR-1016-3

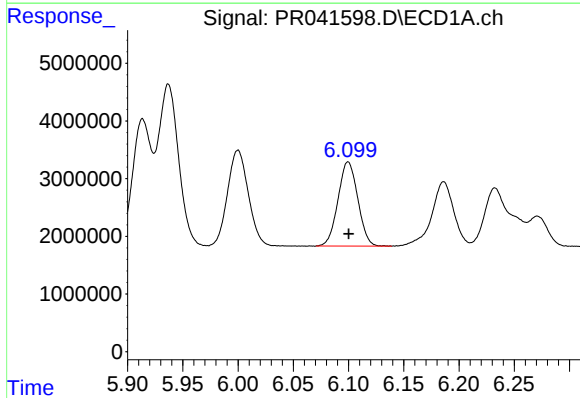
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 21847679
Conc: 398.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



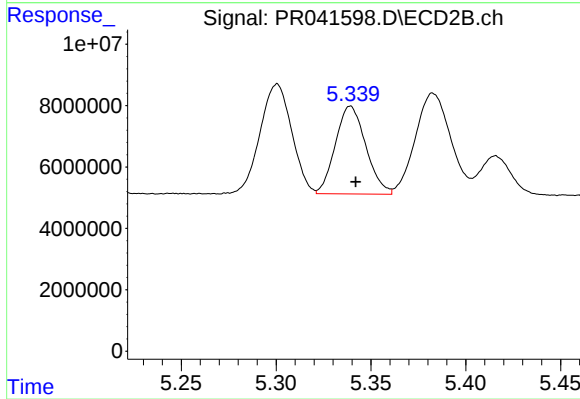
#5 AR-1016-3

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 41222972
Conc: 348.35 ng/ml



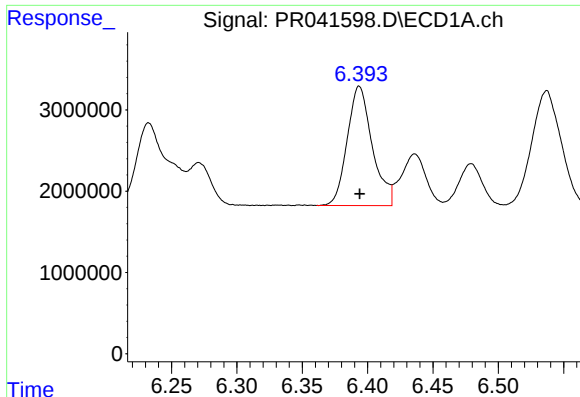
#6 AR-1016-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 18220156
Conc: 379.87 ng/ml



#6 AR-1016-4

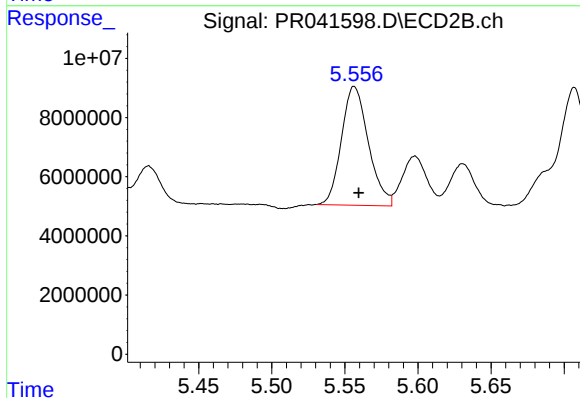
R.T.: 5.339 min
Delta R.T.: -0.003 min
Response: 31957929
Conc: 328.06 ng/ml



#7 AR-1016-5

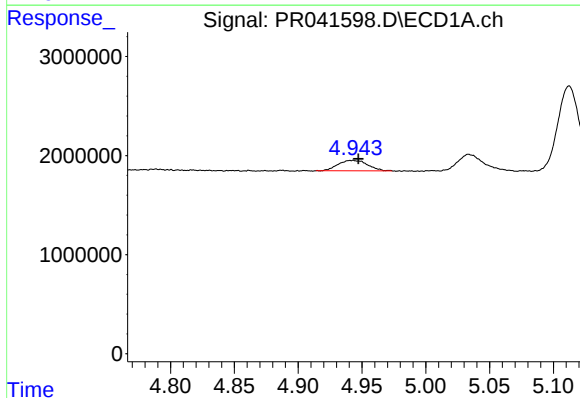
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 19600353
Conc: 396.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



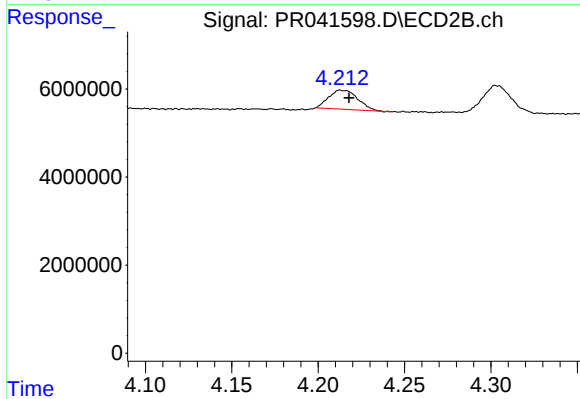
#7 AR-1016-5

R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 51431171
Conc: 369.95 ng/ml



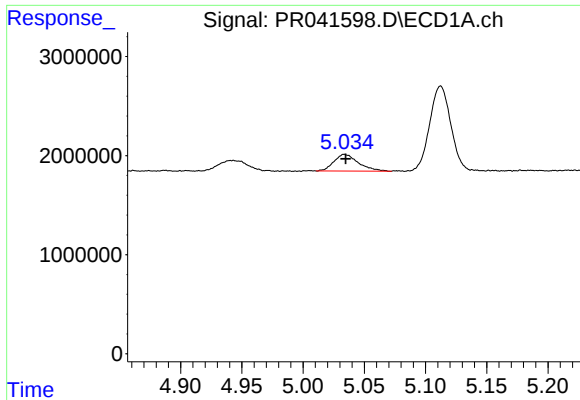
#8 AR-1221-1

R.T.: 4.942 min
Delta R.T.: -0.005 min
Response: 1692374
Conc: 130.67 ng/ml



#8 AR-1221-1

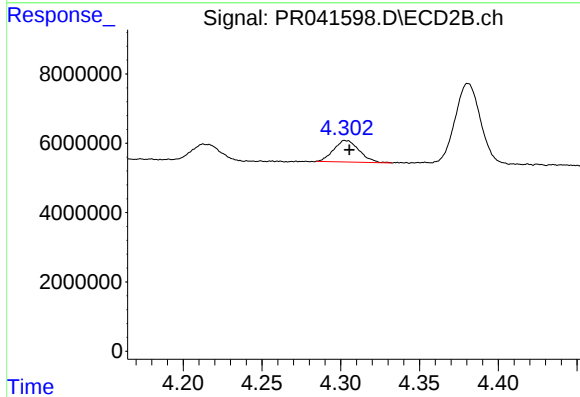
R.T.: 4.213 min
Delta R.T.: -0.004 min
Response: 5008832
Conc: 87.39 ng/ml



#9 AR-1221-2

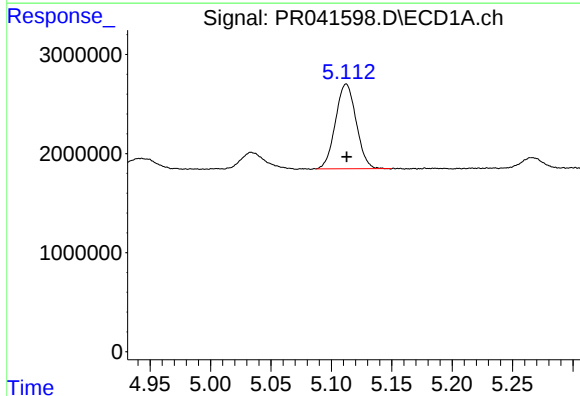
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 2345121
Conc: 175.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



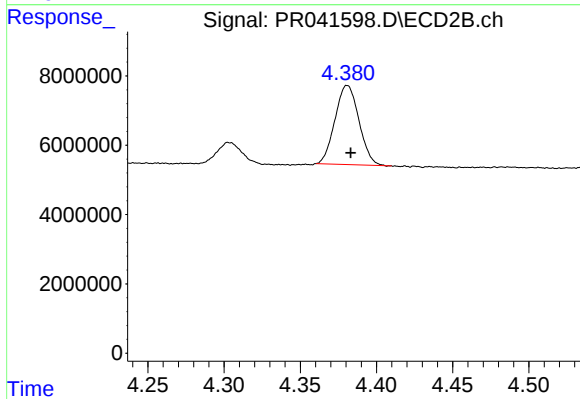
#9 AR-1221-2

R.T.: 4.303 min
Delta R.T.: -0.002 min
Response: 6965803
Conc: 199.74 ng/ml



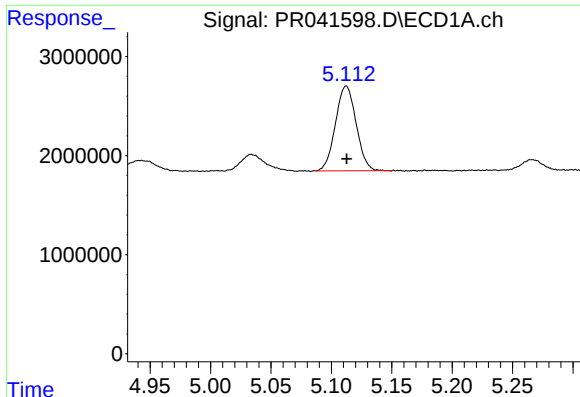
#10 AR-1221-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 10176212
Conc: 278.62 ng/ml



#10 AR-1221-3

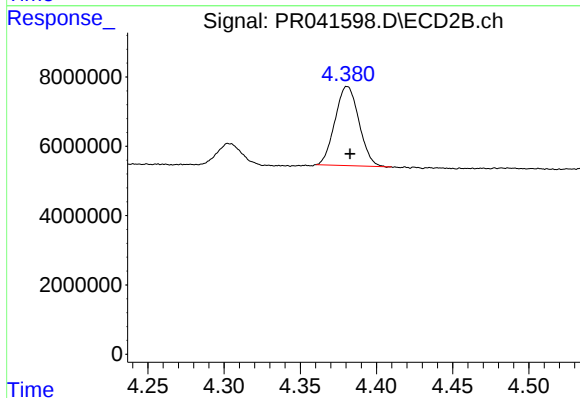
R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 24984703
Conc: 235.62 ng/ml



#11 AR-1232-1

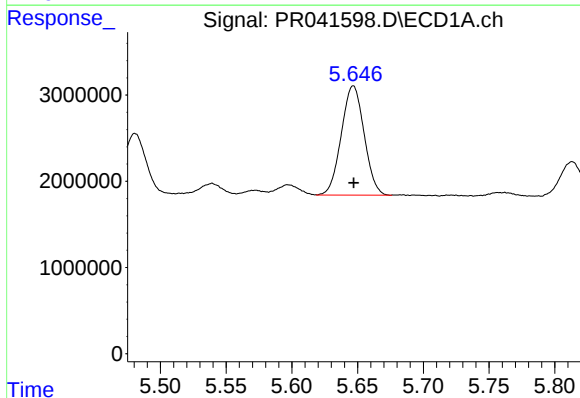
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 10176212
Conc: 348.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



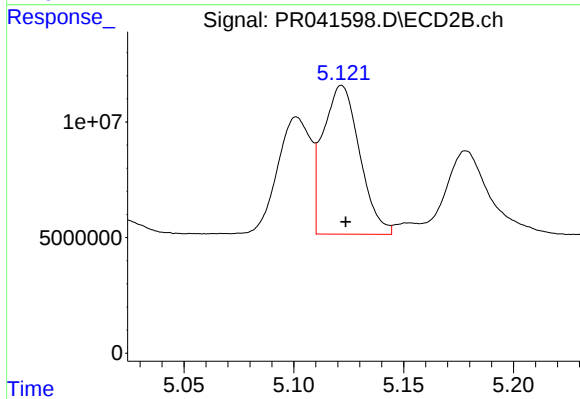
#11 AR-1232-1

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 24984703
Conc: 309.97 ng/ml



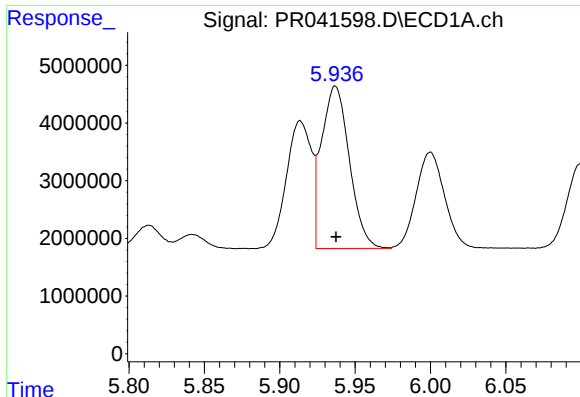
#12 AR-1232-2

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 15343647
Conc: 937.88 ng/ml



#12 AR-1232-2

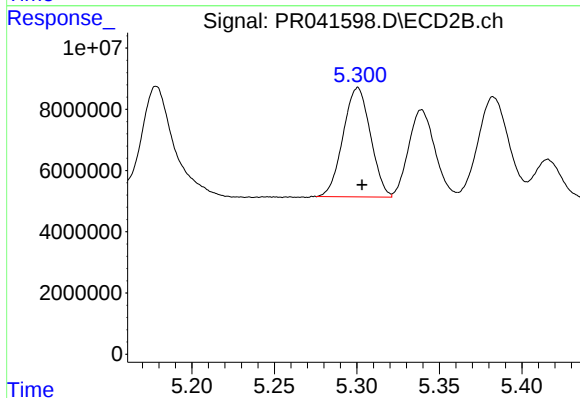
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 74551386
Conc: 766.56 ng/ml



#13 AR-1232-3

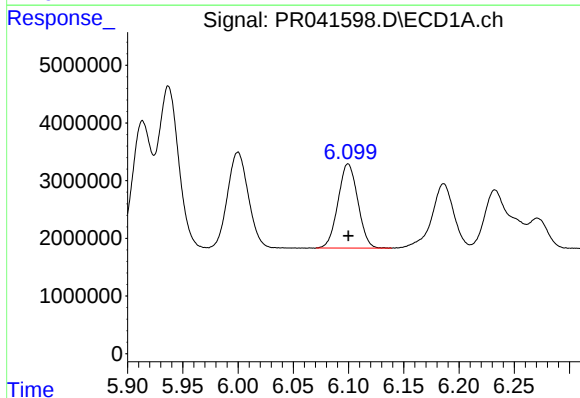
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 36204792
Conc: 954.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



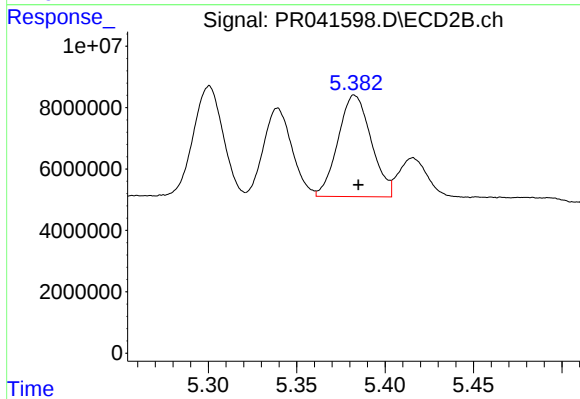
#13 AR-1232-3

R.T.: 5.301 min
Delta R.T.: -0.003 min
Response: 41222972
Conc: 918.03 ng/ml



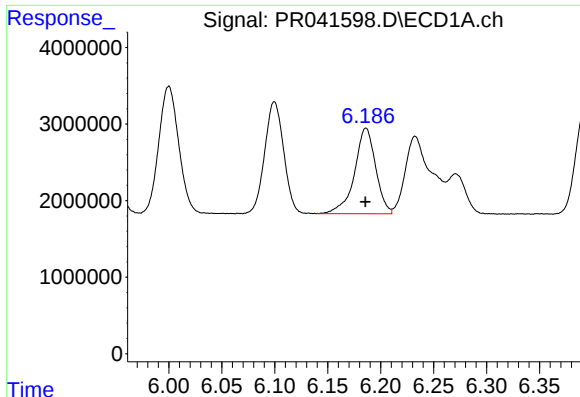
#14 AR-1232-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 18220156
Conc: 987.45 ng/ml



#14 AR-1232-4

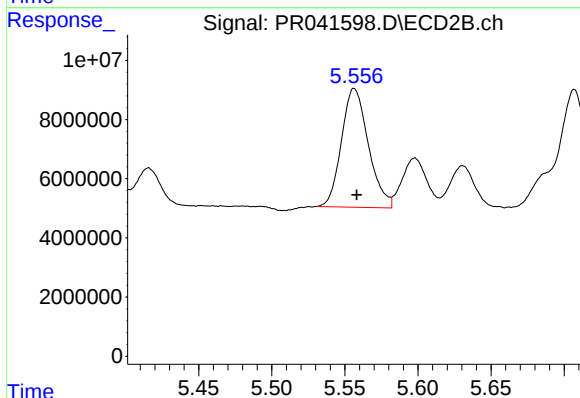
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 43145780
Conc: 1030.07 ng/ml



#15 AR-1232-5

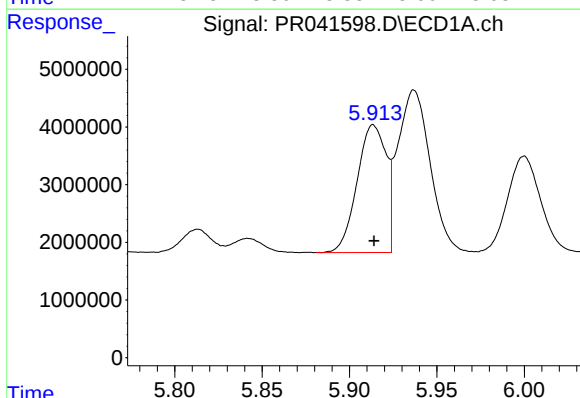
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 15558046
Conc: 1125.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



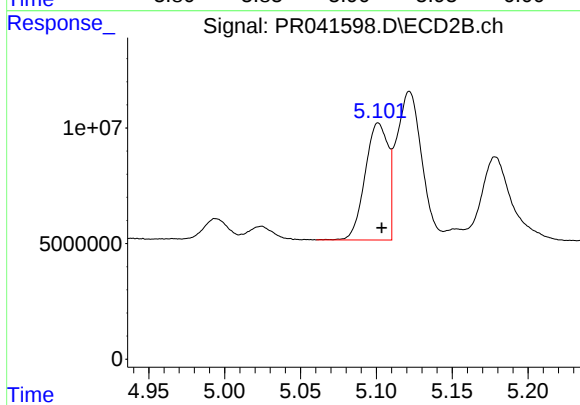
#15 AR-1232-5

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 51431171
Conc: 961.44 ng/ml



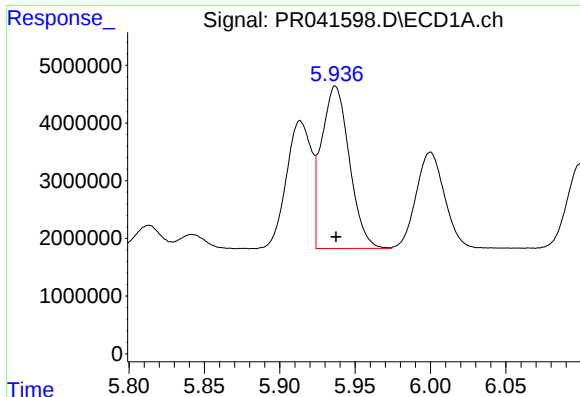
#16 AR-1242-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 25614833
Conc: 497.99 ng/ml



#16 AR-1242-1

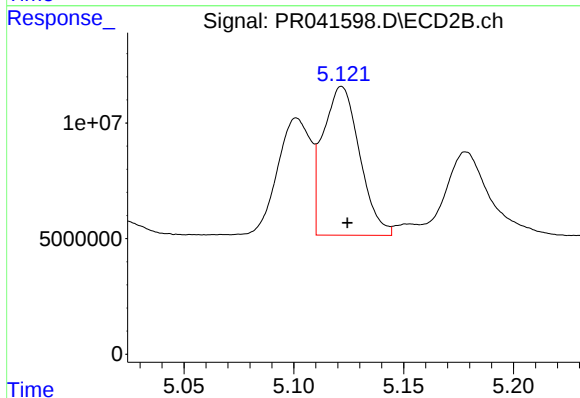
R.T.: 5.101 min
Delta R.T.: -0.002 min
Response: 53431329
Conc: 476.51 ng/ml



#17 AR-1242-2

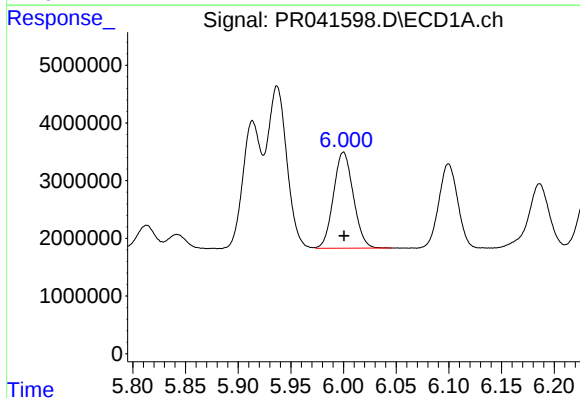
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 36204792
Conc: 496.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



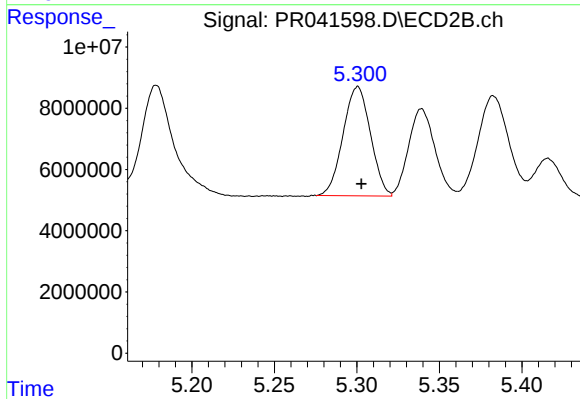
#17 AR-1242-2

R.T.: 5.122 min
Delta R.T.: -0.003 min
Response: 74551386
Conc: 466.27 ng/ml



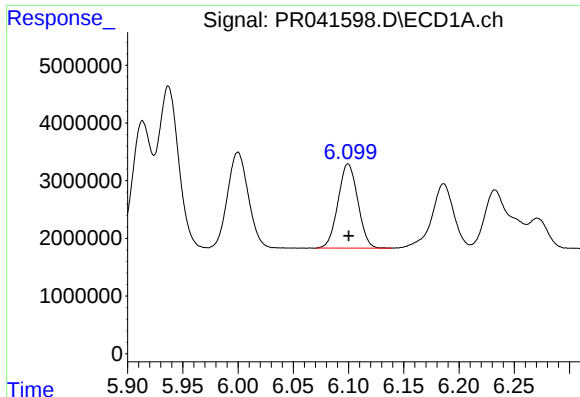
#18 AR-1242-3

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 21847679
Conc: 494.10 ng/ml



#18 AR-1242-3

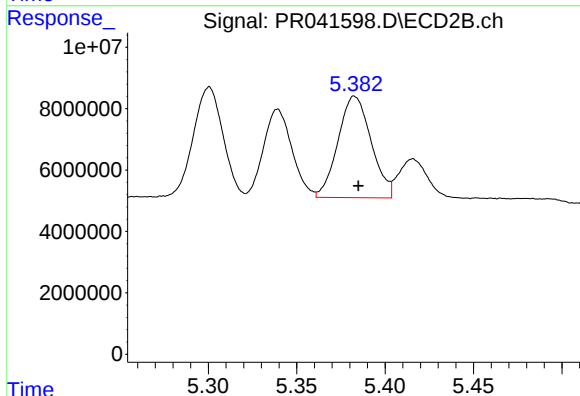
R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 41222972
Conc: 454.47 ng/ml



#19 AR-1242-4

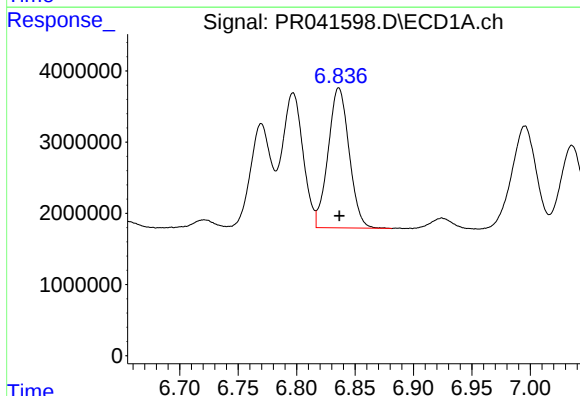
R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 18220156
Conc: 496.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



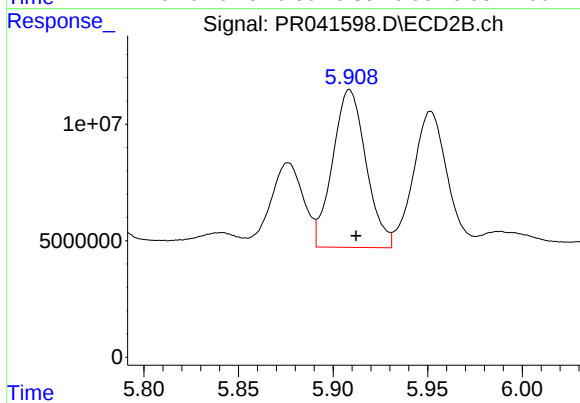
#19 AR-1242-4

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 43145780
Conc: 458.48 ng/ml



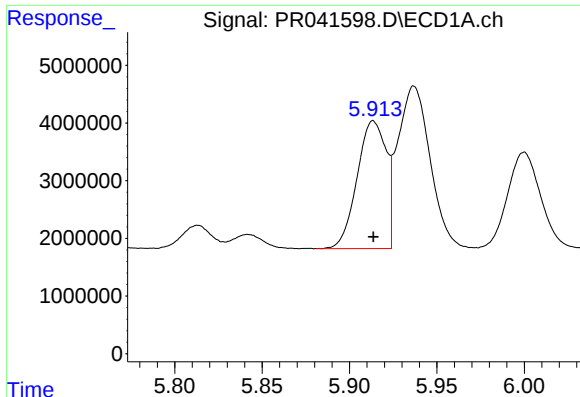
#20 AR-1242-5

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 24617855
Conc: 480.27 ng/ml



#20 AR-1242-5

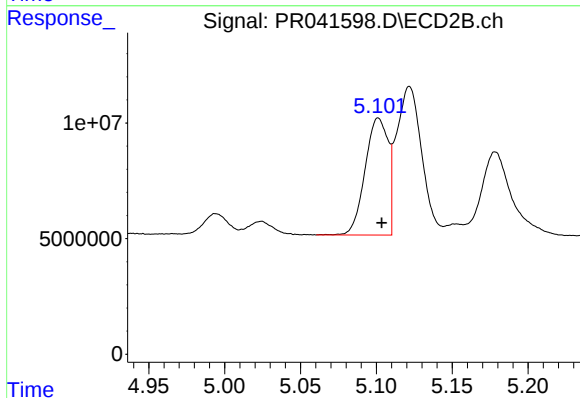
R.T.: 5.909 min
Delta R.T.: -0.003 min
Response: 83378378
Conc: 491.51 ng/ml



#21 AR-1248-1

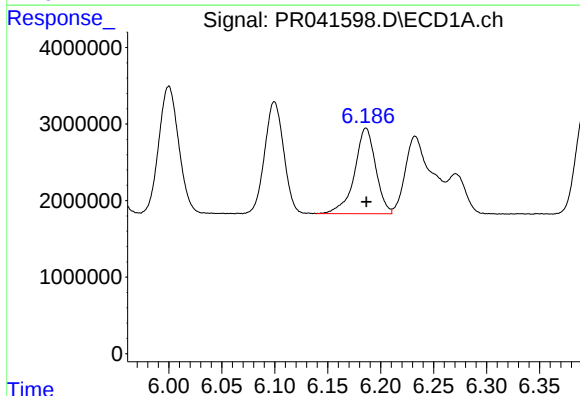
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 25614833
Conc: 697.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



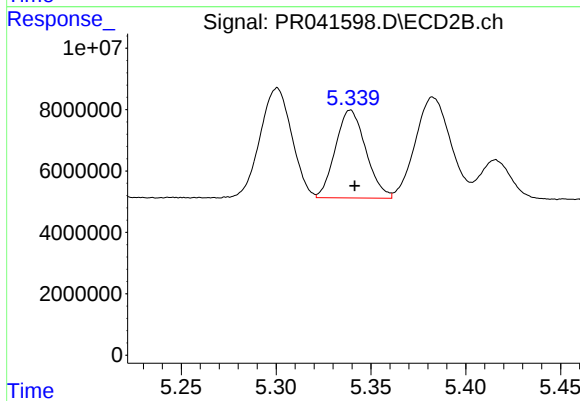
#21 AR-1248-1

R.T.: 5.101 min
Delta R.T.: -0.002 min
Response: 53431329
Conc: 633.91 ng/ml



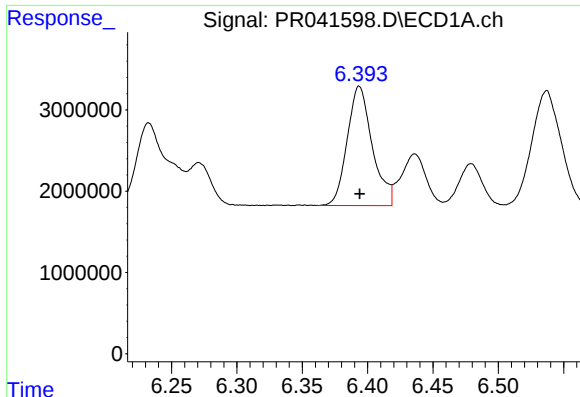
#22 AR-1248-2

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 15558046
Conc: 282.45 ng/ml



#22 AR-1248-2

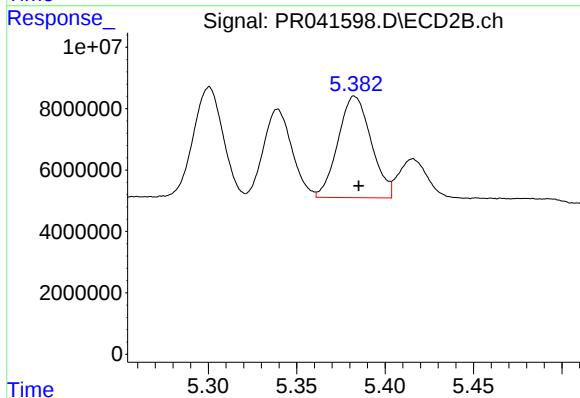
R.T.: 5.339 min
Delta R.T.: -0.002 min
Response: 31957929
Conc: 262.75 ng/ml



#23 AR-1248-3

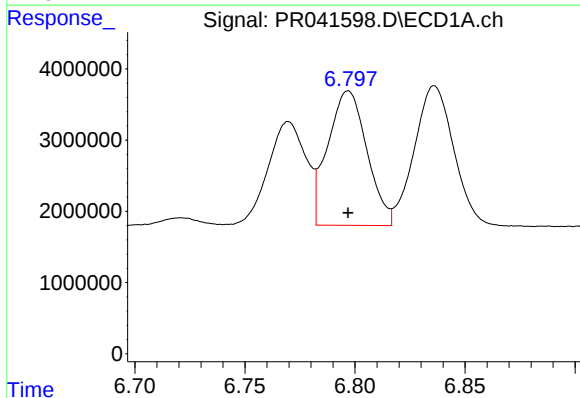
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 19600353
Conc: 305.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



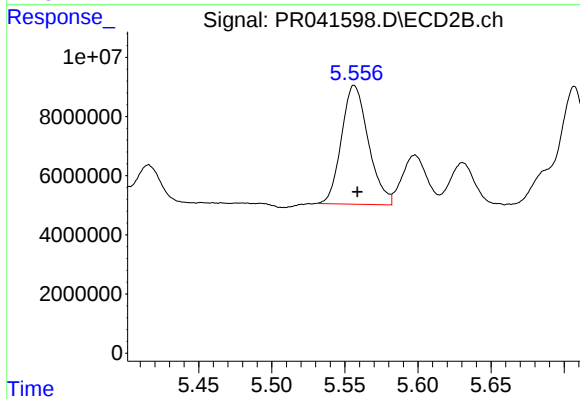
#23 AR-1248-3

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 43145780
Conc: 340.32 ng/ml



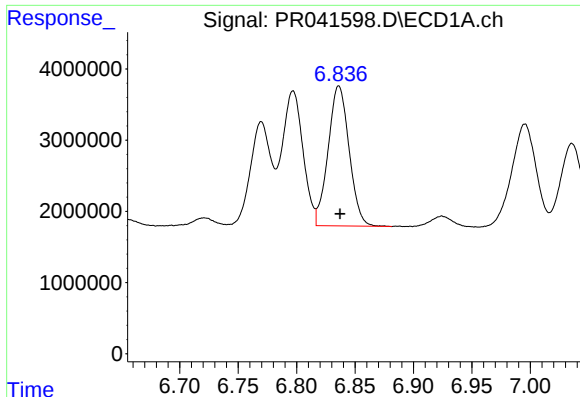
#24 AR-1248-4

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 23408853
Conc: 274.29 ng/ml



#24 AR-1248-4

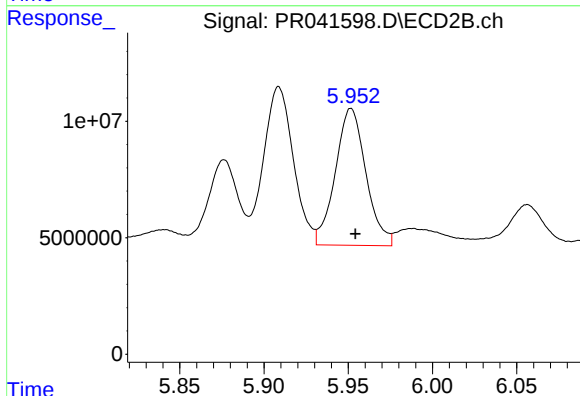
R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 51431171
Conc: 306.42 ng/ml



#25 AR-1248-5

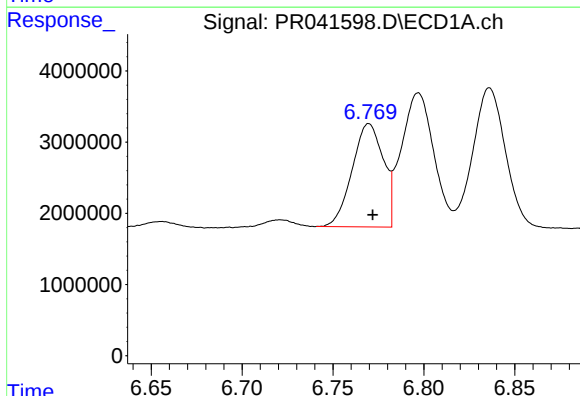
R.T.: 6.836 min
Delta R.T.: -0.001 min
Response: 24617855
Conc: 302.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



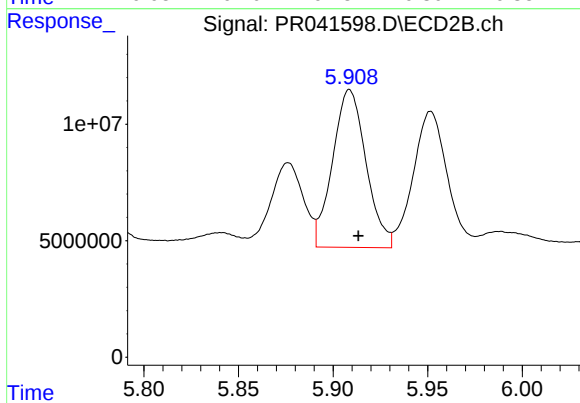
#25 AR-1248-5

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 74424120
Conc: 341.82 ng/ml



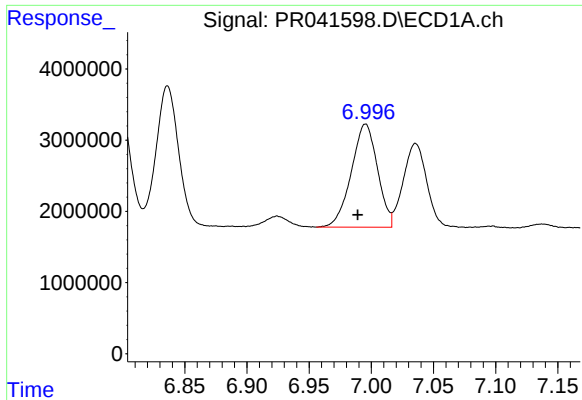
#26 AR-1254-1

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 17296048
Conc: 207.84 ng/ml



#26 AR-1254-1

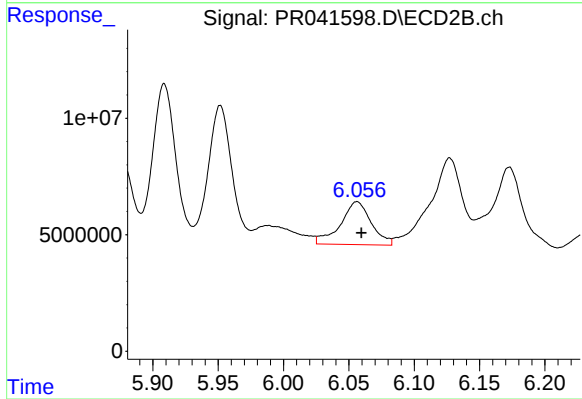
R.T.: 5.909 min
Delta R.T.: -0.005 min
Response: 83378378
Conc: 257.10 ng/ml



#27 AR-1254-2

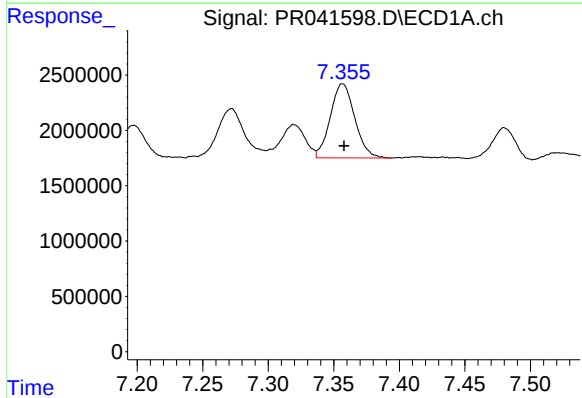
R.T.: 6.995 min
Delta R.T.: 0.006 min
Response: 21205718
Conc: 150.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



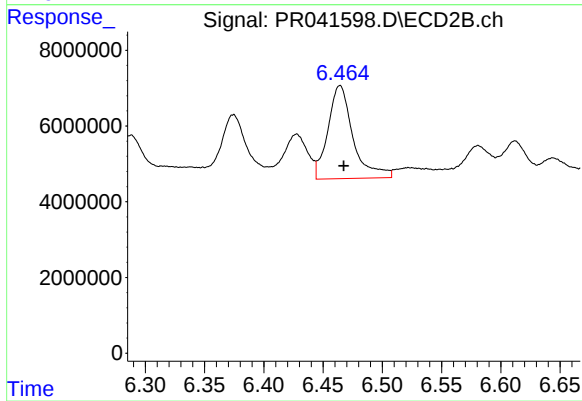
#27 AR-1254-2

R.T.: 6.056 min
Delta R.T.: -0.003 min
Response: 30139394
Conc: 98.65 ng/ml



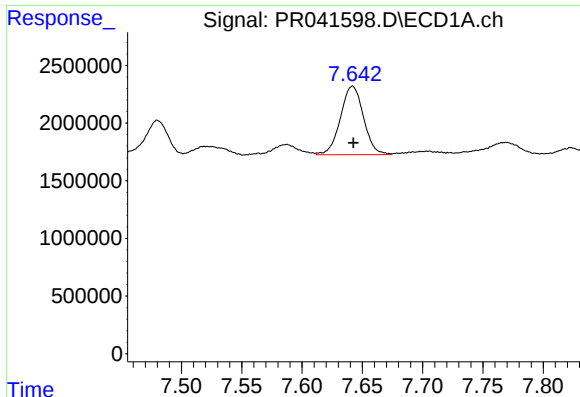
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: -0.001 min
Response: 8701311
Conc: 51.35 ng/ml



#28 AR-1254-3

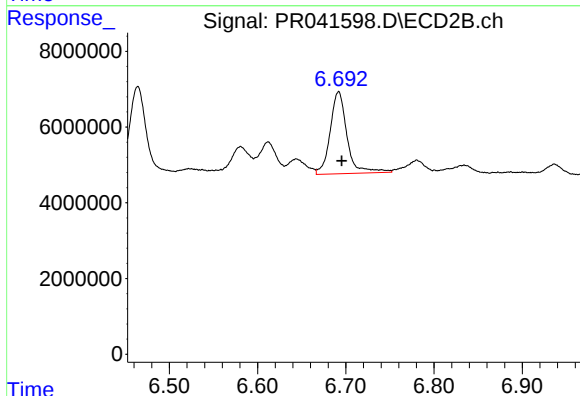
R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 36258625
Conc: 64.80 ng/ml



#29 AR-1254-4

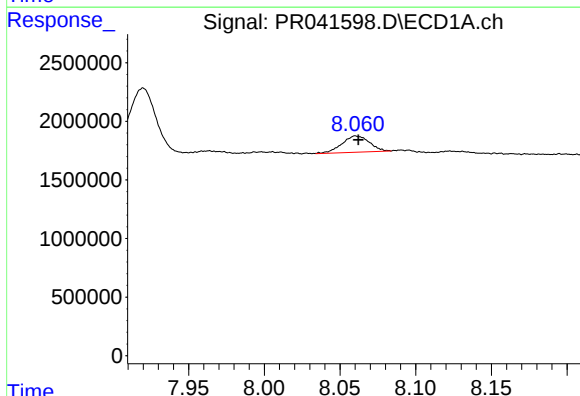
R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 7897233
Conc: 58.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



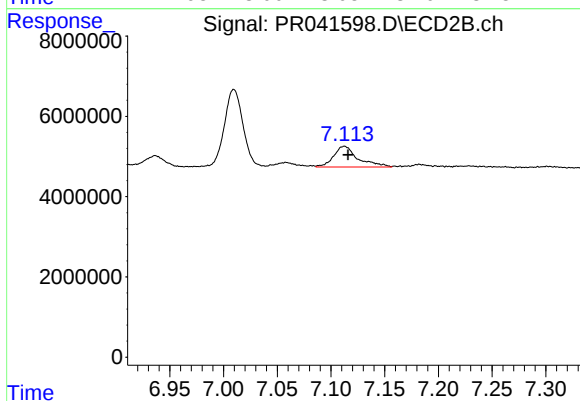
#29 AR-1254-4

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 28781494
Conc: 67.44 ng/ml



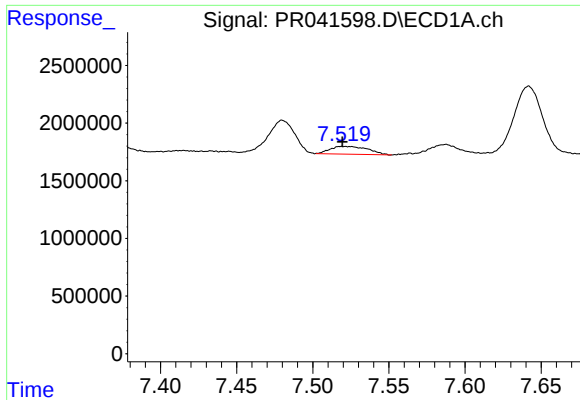
#30 AR-1254-5

R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 1763709
Conc: 11.47 ng/ml



#30 AR-1254-5

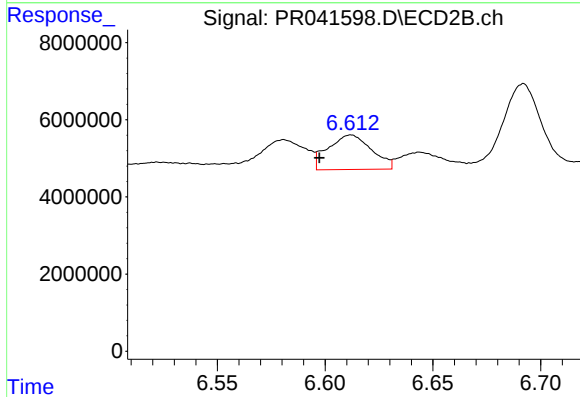
R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 8162832
Conc: 14.11 ng/ml



#31 AR-1260-1

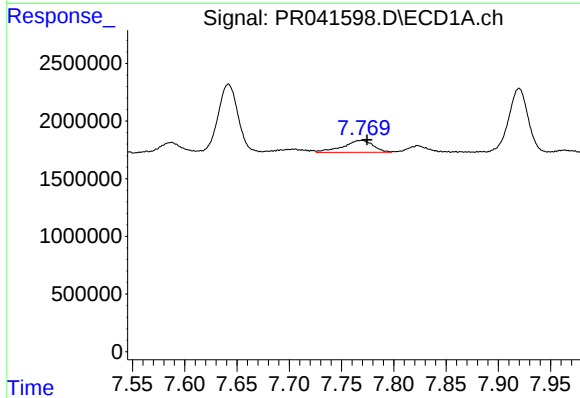
R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 1158616
Conc: 9.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



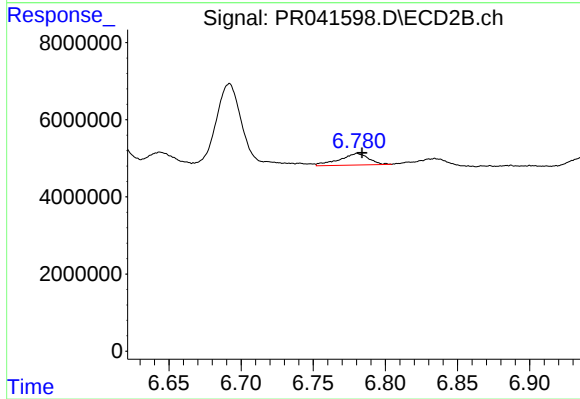
#31 AR-1260-1

R.T.: 6.612 min
Delta R.T.: 0.015 min
Response: 12586228
Conc: 32.32 ng/ml



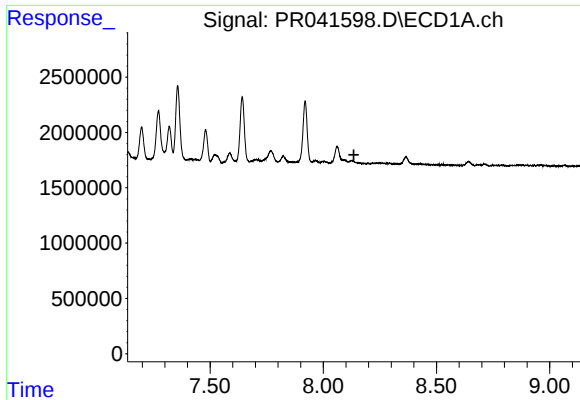
#32 AR-1260-2

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 2087743
Conc: 14.15 ng/ml



#32 AR-1260-2

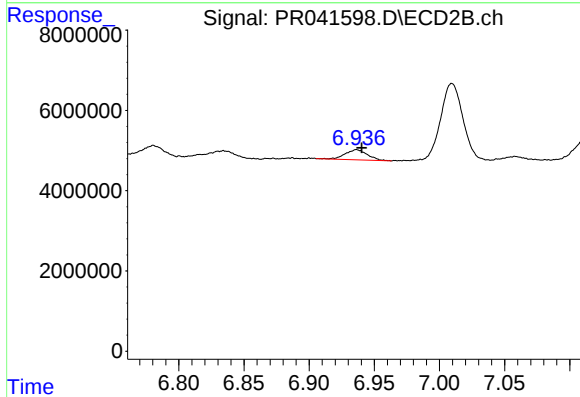
R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 4210936
Conc: 7.81 ng/ml



#33 AR-1260-3

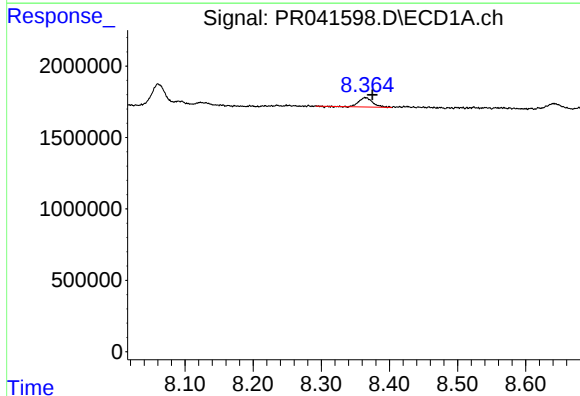
R.T.: 0.000 min
Exp R.T.: 8.135 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1242351



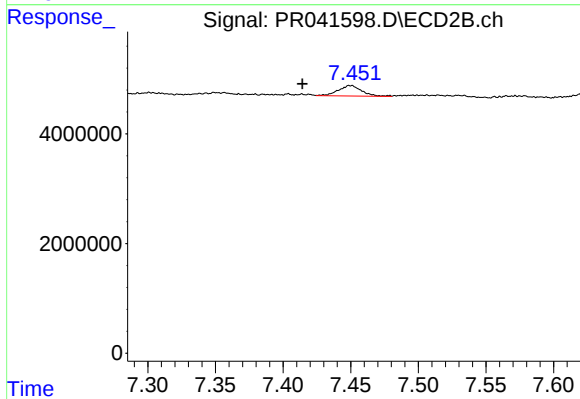
#33 AR-1260-3

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 2995262
Conc: 6.41 ng/ml



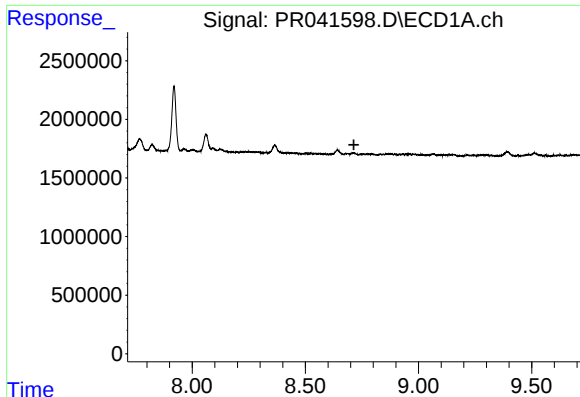
#34 AR-1260-4

R.T.: 8.365 min
Delta R.T.: -0.010 min
Response: 940990
Conc: 6.59 ng/ml



#34 AR-1260-4

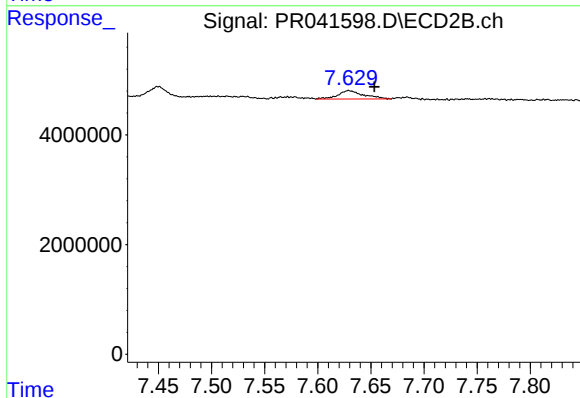
R.T.: 7.450 min
Delta R.T.: 0.036 min
Response: 2301505
Conc: 5.43 ng/ml



#35 AR-1260-5

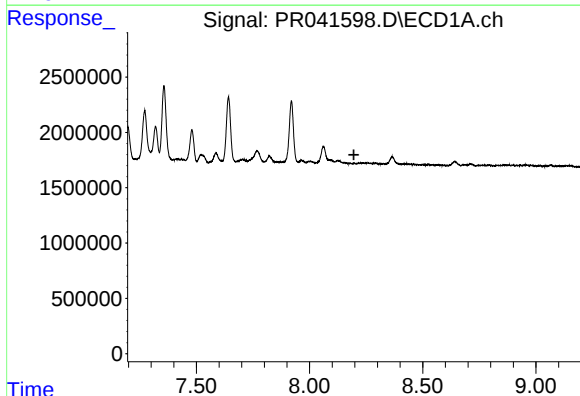
R.T.: 0.000 min
Exp R.T. : 8.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1242351



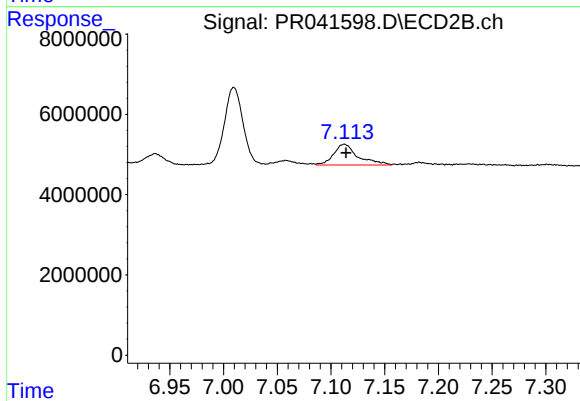
#35 AR-1260-5

R.T.: 7.629 min
Delta R.T.: -0.024 min
Response: 2588786
Conc: 2.13 ng/ml



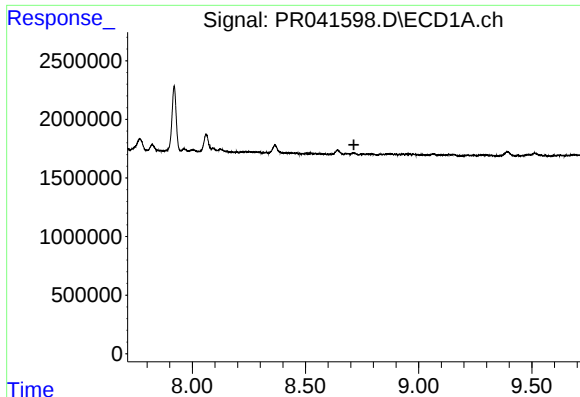
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.196 min
Response: 0
Conc: N.D.



#36 AR-1262-1

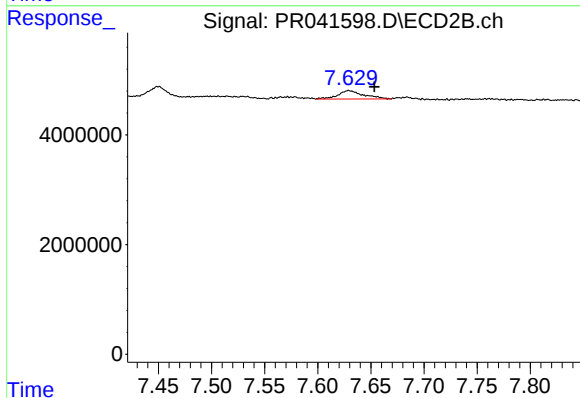
R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 8162832
Conc: 24.39 ng/ml



#37 AR-1262-2

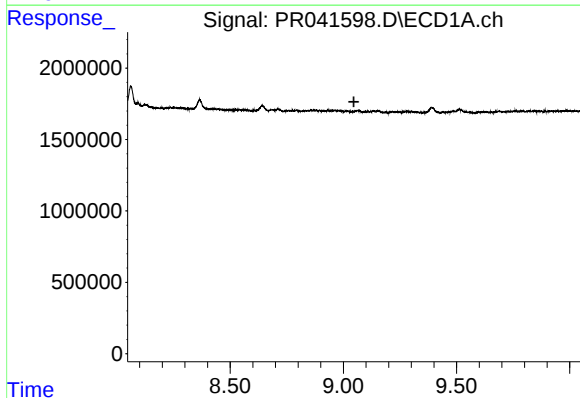
R.T.: 0.000 min
Exp R.T. : 8.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1242351



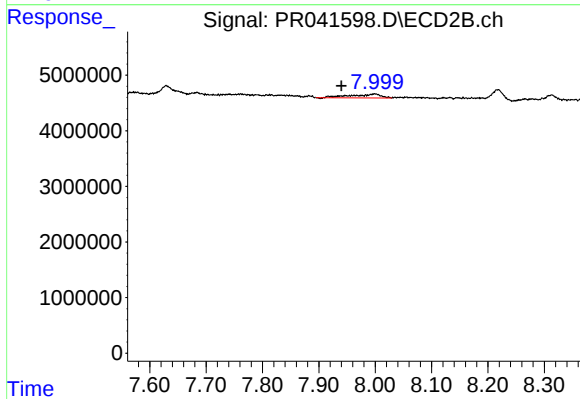
#37 AR-1262-2

R.T.: 7.629 min
Delta R.T.: -0.024 min
Response: 2588786
Conc: 1.87 ng/ml



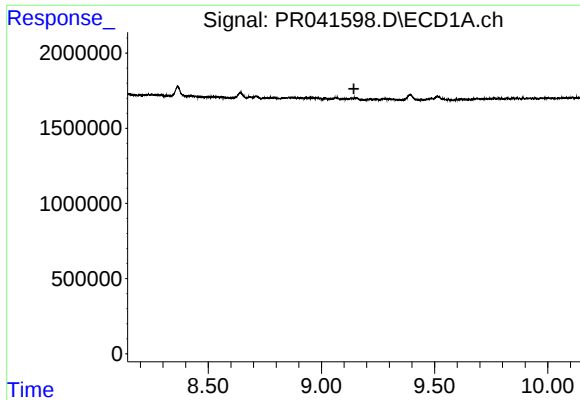
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.047 min
Response: 0
Conc: N.D.



#38 AR-1262-3

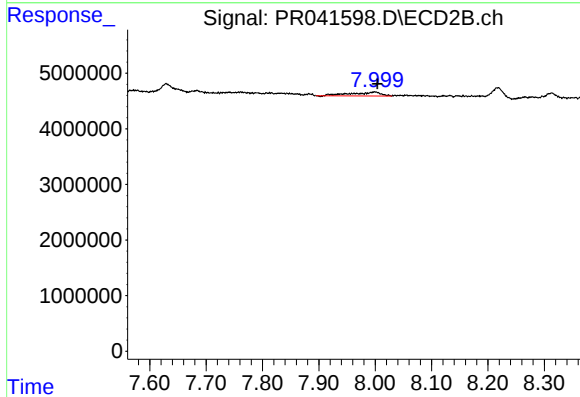
R.T.: 7.999 min
Delta R.T.: 0.059 min
Response: 2614224
Conc: 4.57 ng/ml



#39 AR-1262-4

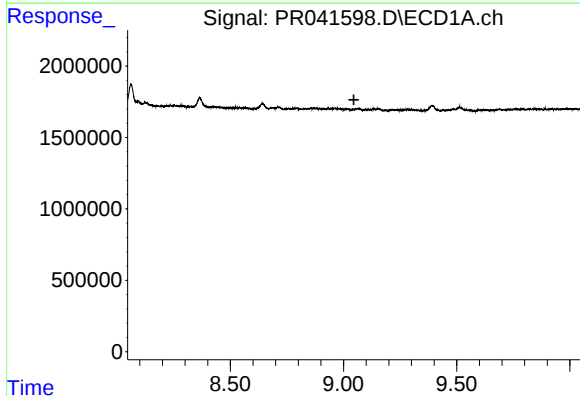
R.T.: 0.000 min
Exp R.T.: 9.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1242351



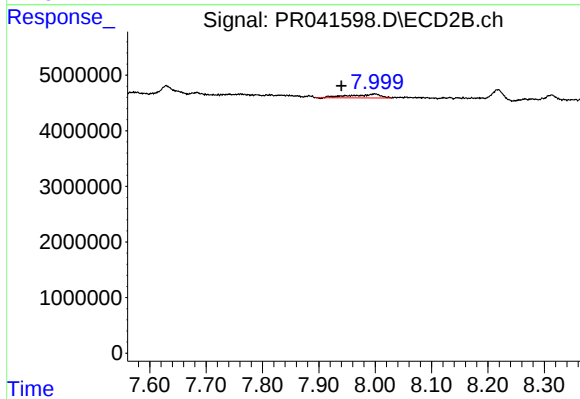
#39 AR-1262-4

R.T.: 7.999 min
Delta R.T.: -0.005 min
Response: 2614224
Conc: 2.58 ng/ml



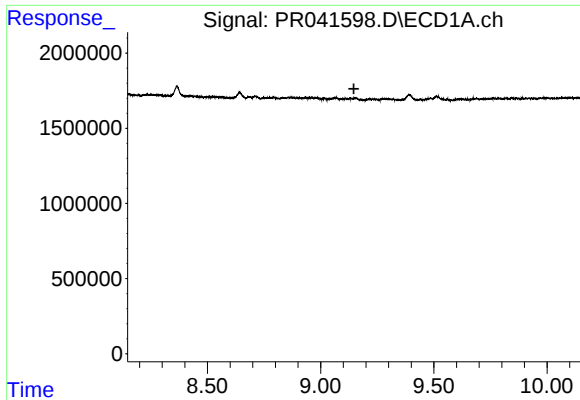
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.046 min
Response: 0
Conc: N.D.



#41 AR-1268-1

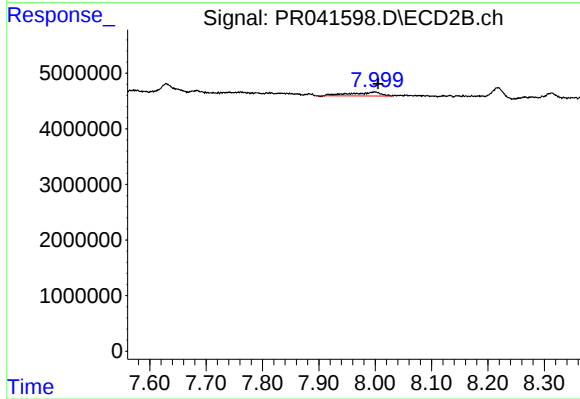
R.T.: 7.999 min
Delta R.T.: 0.059 min
Response: 2614224
Conc: 1.54 ng/ml



#42 AR-1268-2

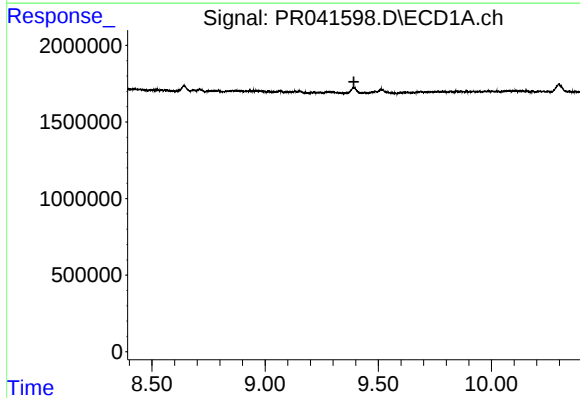
R.T.: 0.000 min
Exp R.T. : 9.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1242351



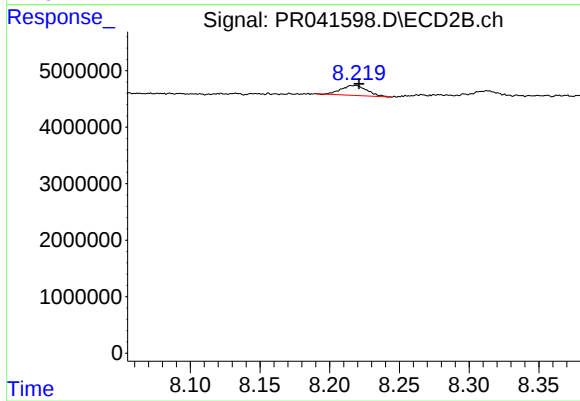
#42 AR-1268-2

R.T.: 7.999 min
Delta R.T.: -0.006 min
Response: 2614224
Conc: 1.67 ng/ml



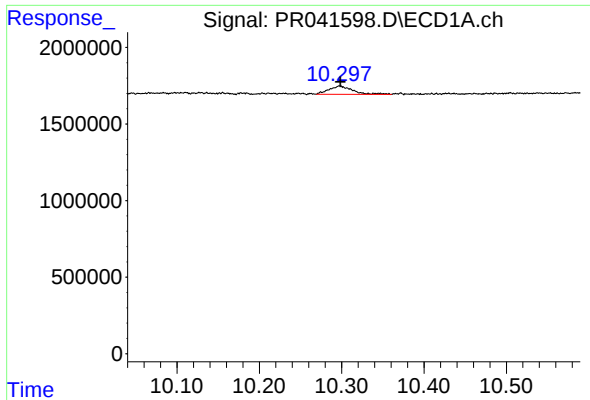
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.392 min
Response: 0
Conc: N.D.



#43 AR-1268-3

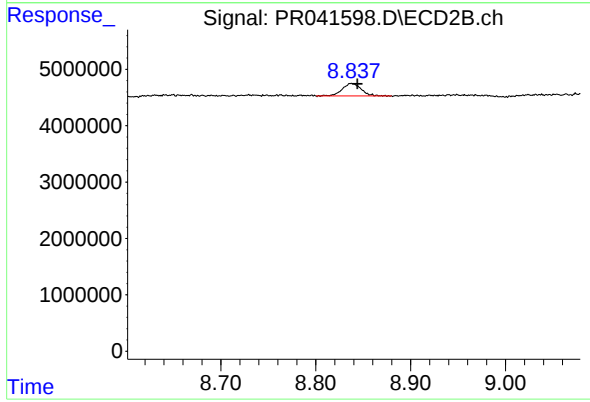
R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 2271639
Conc: 1.72 ng/ml



#45 AR-1268-5

R.T.: 10.298 min
Delta R.T.: 0.000 min
Response: 1079025
Conc: 0.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1242351



#45 AR-1268-5

R.T.: 8.838 min
Delta R.T.: -0.006 min
Response: 3022103
Conc: 0.69 ng/ml