

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092619\
 Data File : PR041529.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2019 13:01
 Operator : SM\AJ
 Sample : K4988-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESP00

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:35:27 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...	4.740	4.006	29733934	126.6E6	22.400	20.937
2)	SA Decachlor...	10.664	9.125	88540490	228.5E6	27.739	21.185
Target Compounds							
3)	L1 AR-1016-1	5.863f	5.105	1297755	5524423	20.294	37.492 #
4)	L1 AR-1016-2	0.000	5.122	0	3034677	N.D.	14.740 #
5)	L1 AR-1016-3	0.000	5.302	0	595216	N.D.	5.030 #
6)	L1 AR-1016-4	0.000	5.340	0	3271288	N.D.	33.581 #
7)	L1 AR-1016-5	0.000	5.598f	0	1092684	N.D.	7.860 #
9)	L2 AR-1221-2	0.000	4.312	0	1361942	N.D.	39.053 #
10)	L2 AR-1221-3	0.000	4.432f	0	2525666	N.D.	23.818 #
11)	L3 AR-1232-1	0.000	4.432f	0	2525666	N.D.	31.334 #
12)	L3 AR-1232-2	0.000	5.122	0	3034677	N.D.	31.203 #
13)	L3 AR-1232-3	0.000	5.302	0	595216	N.D.	13.255 #
14)	L3 AR-1232-4	0.000	5.384	0	3118498	N.D.	74.451 #
15)	L3 AR-1232-5	6.190	5.598f	1519286	1092684	109.952	20.426 #
16)	L4 AR-1242-1	5.863f	5.105	1297755	5524423	25.230	49.267 #
17)	L4 AR-1242-2	0.000	5.122	0	3034677	N.D.	18.980 #
18)	L4 AR-1242-3	0.000	5.302	0	595216	N.D.	6.562 #
19)	L4 AR-1242-4	0.000	5.384	0	3118498	N.D.	33.138 #
20)	L4 AR-1242-5	6.836	5.912	7358841	31218595	143.564	184.031 #
21)	L5 AR-1248-1	5.863f	5.105	1297755	5524423	35.356	65.542 #
22)	L5 AR-1248-2	6.190	5.340	1519286	3271288	27.582	26.896
23)	L5 AR-1248-3	0.000	5.384	0	3118498	N.D.	24.598 #
24)	L5 AR-1248-4	6.795	5.598f	5439080	1092684	63.732	6.510 #
25)	L5 AR-1248-5	6.836	5.953	7358841	21584900	90.310	99.135
26)	L6 AR-1254-1	6.770	5.912	3738732	31218595	44.927	96.265 #
27)	L6 AR-1254-2	6.988	6.060	8353905	18879205	59.452	61.797
28)	L6 AR-1254-3	7.358	6.467	8191218	294.3E6	48.344	525.883 #
29)	L6 AR-1254-4	7.641	6.693	7334493	20862527	54.032	48.886
30)	L6 AR-1254-5	8.061	7.113	9056190	26507548	58.895	45.820
31)	L7 AR-1260-1	7.519	6.596	3402627	17545813	28.734	45.049 #
32)	L7 AR-1260-2	7.773	6.783	7390520	14635478	50.081	27.149 #
33)	L7 AR-1260-3	8.135	6.939	2526978	11367946	21.790	24.337
34)	L7 AR-1260-4	8.368	7.414	5821555	7170441	40.774	16.919 #
35)	L7 AR-1260-5	8.715	7.652	5211658	22048628	16.916	18.101
36)	L8 AR-1262-1	8.196	7.113	1160214	26507548	15.064	79.197 #
37)	L8 AR-1262-2	8.715	7.652	5211658	22048628	13.746	15.966
38)	L8 AR-1262-3	9.067	7.939	4012905	4694151	15.220	8.207 #
39)	L8 AR-1262-4	9.212f	8.003	2380142	13988148	12.053	13.803
40)	L8 AR-1262-5	9.851	8.520	1759589	4830699	11.238	8.629
41)	L9 AR-1268-1	9.067	7.939	4012905	4694151	8.345	2.774 #
42)	L9 AR-1268-2	9.212f	8.003	2380142	13988148	5.381	8.941 #

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 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	8.221	0	1821388	N.D.	1.377 #
44) L9	AR-1268-4	9.851	8.520	1759589	4830699	10.050	8.049
45) L9	AR-1268-5	10.299	8.842	1374906	2396396	0.972	0.544 #

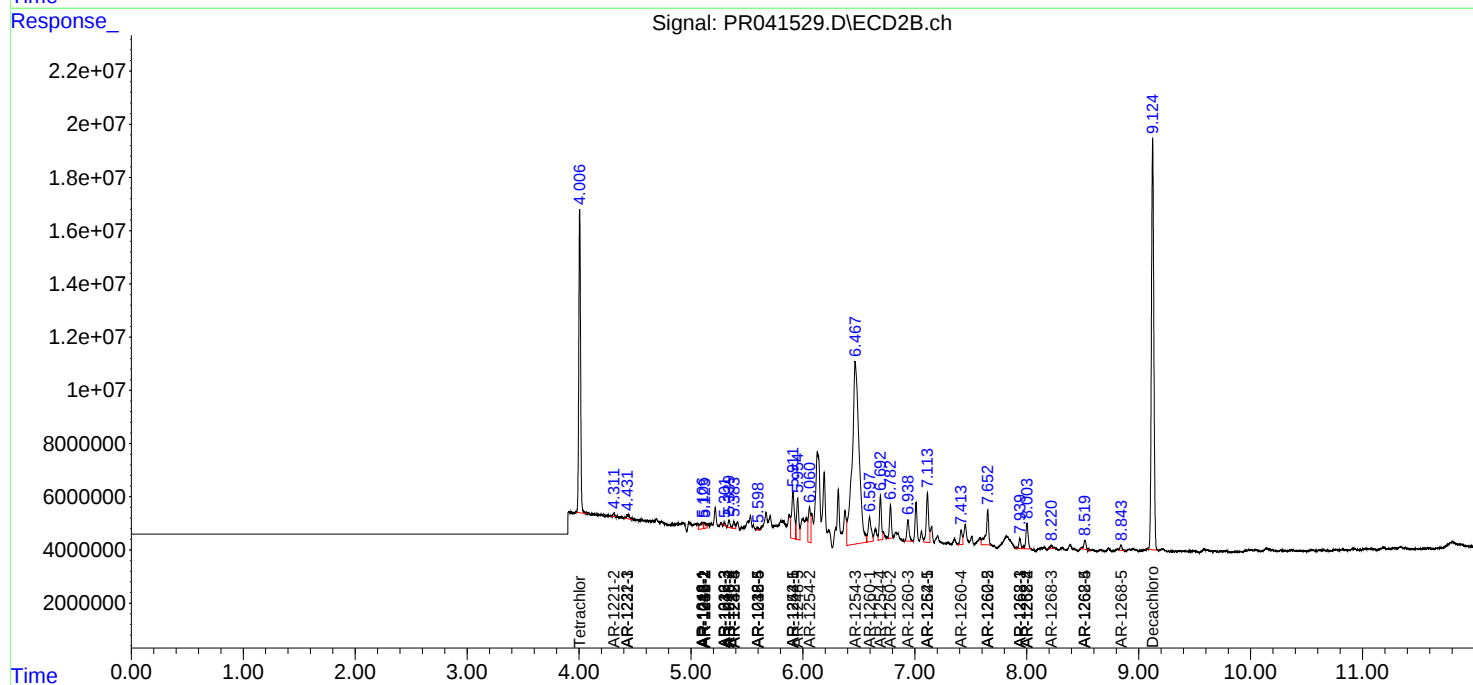
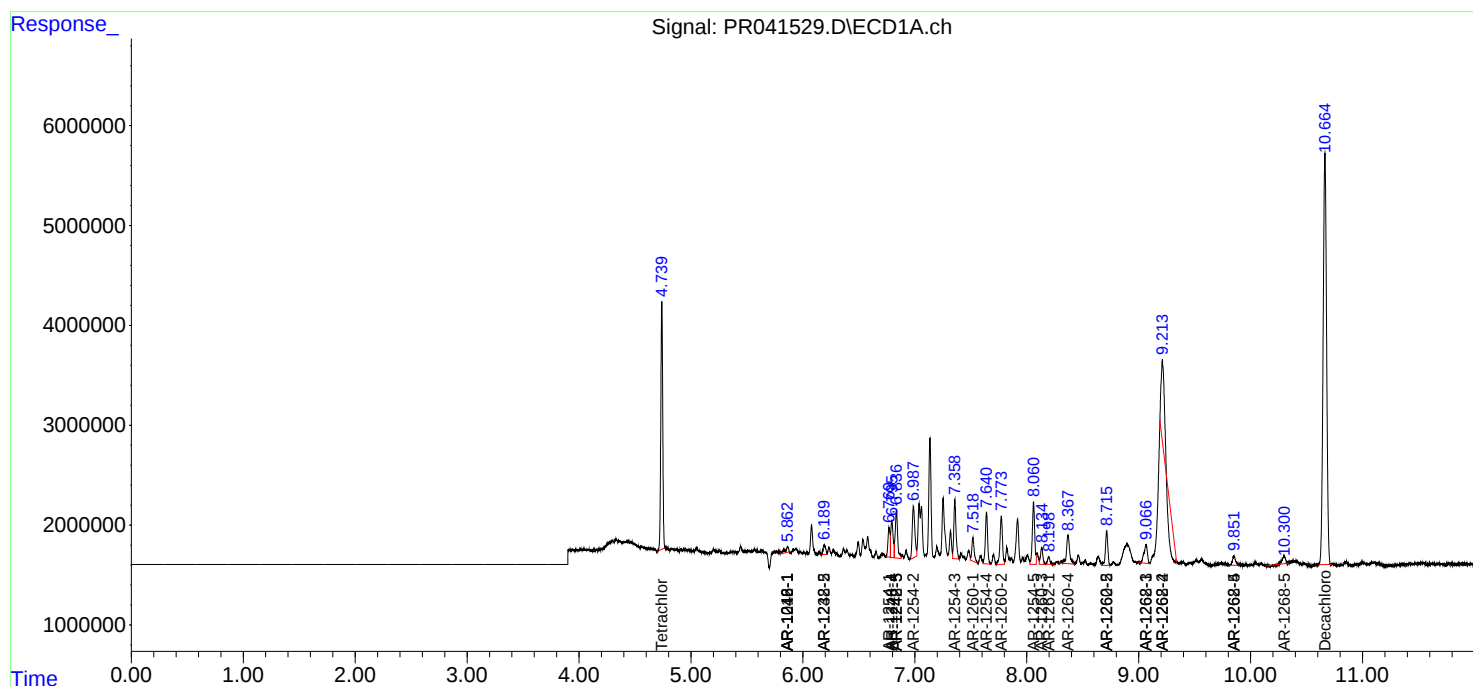
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

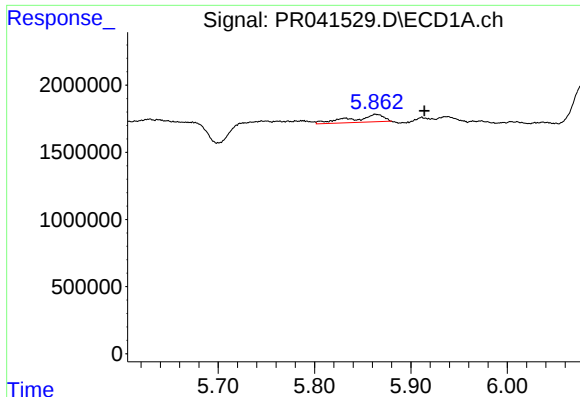
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092619\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

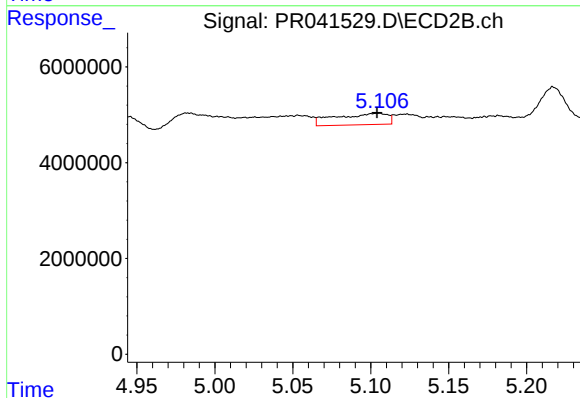




#3 AR-1016-1

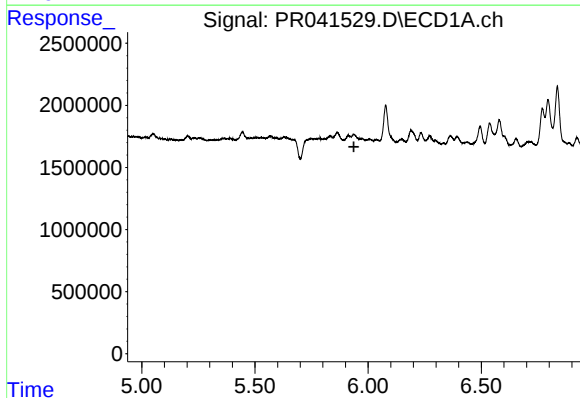
R.T.: 5.863 min
Delta R.T.: -0.051 min
Response: 1297755
Conc: 20.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



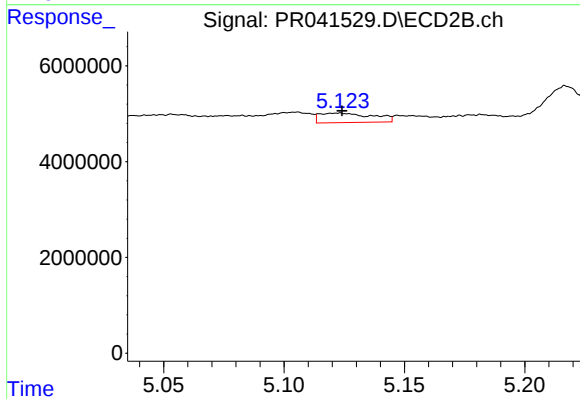
#3 AR-1016-1

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 5524423
Conc: 37.49 ng/ml



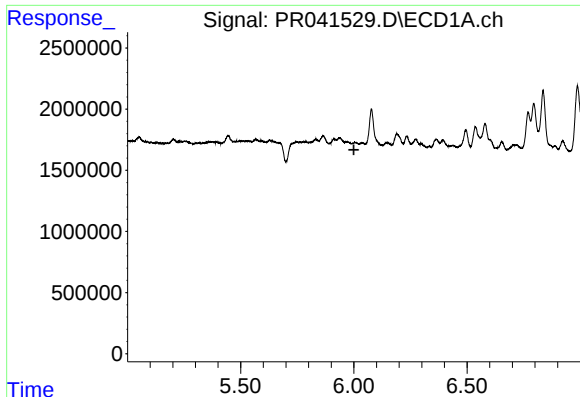
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.937 min
Response: 0
Conc: N.D.



#4 AR-1016-2

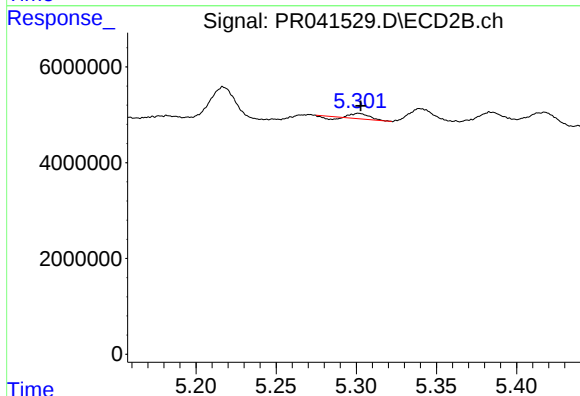
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 3034677
Conc: 14.74 ng/ml



#5 AR-1016-3

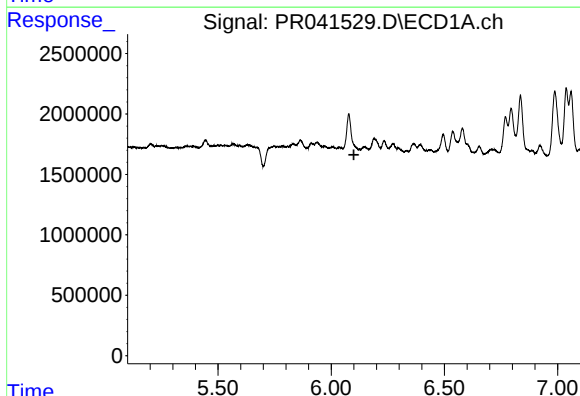
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP00



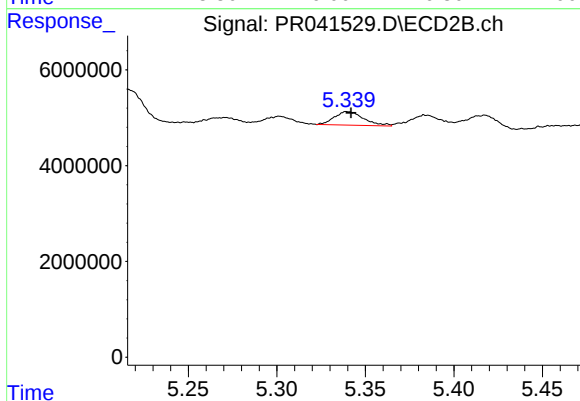
#5 AR-1016-3

R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 595216
Conc: 5.03 ng/ml



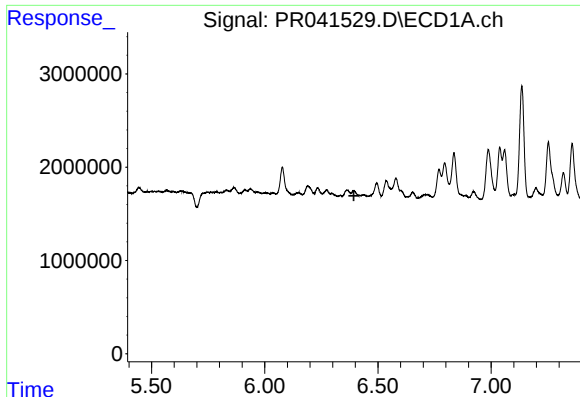
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.100 min
Response: 0
Conc: N.D.



#6 AR-1016-4

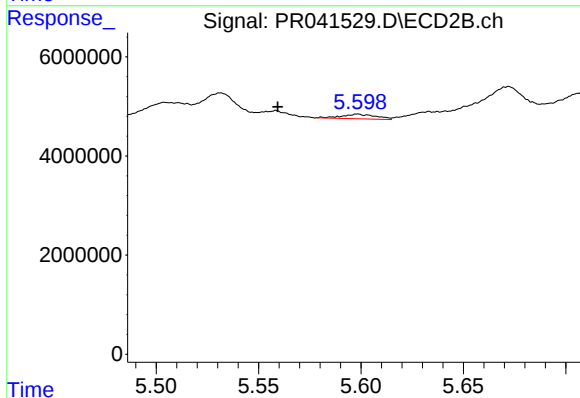
R.T.: 5.340 min
Delta R.T.: -0.002 min
Response: 3271288
Conc: 33.58 ng/ml



#7 AR-1016-5

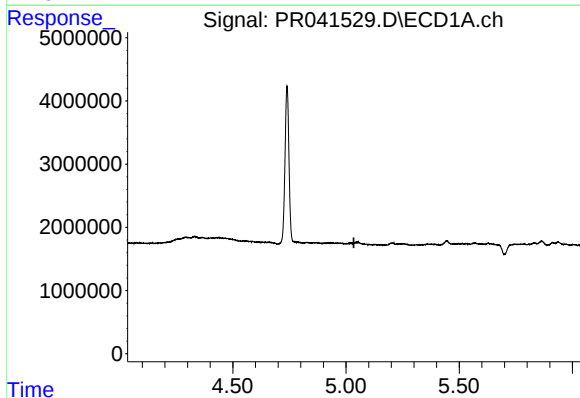
R.T.: 0.000 min
Exp R.T.: 6.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP00



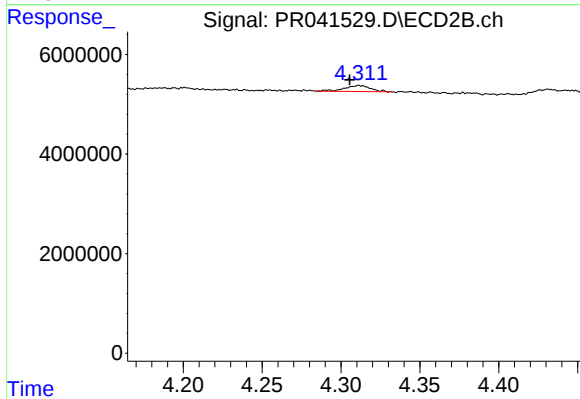
#7 AR-1016-5

R.T.: 5.598 min
Delta R.T.: 0.039 min
Response: 1092684
Conc: 7.86 ng/ml



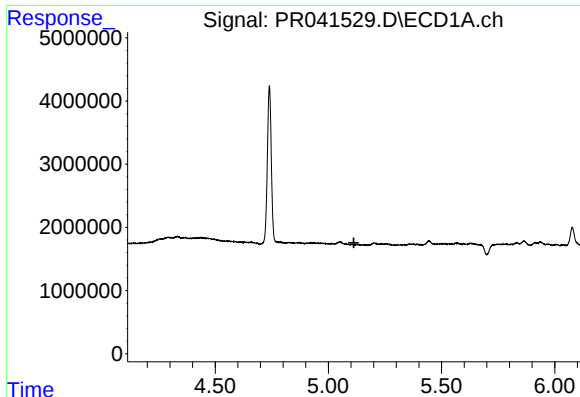
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 5.035 min
Response: 0
Conc: N.D.



#9 AR-1221-2

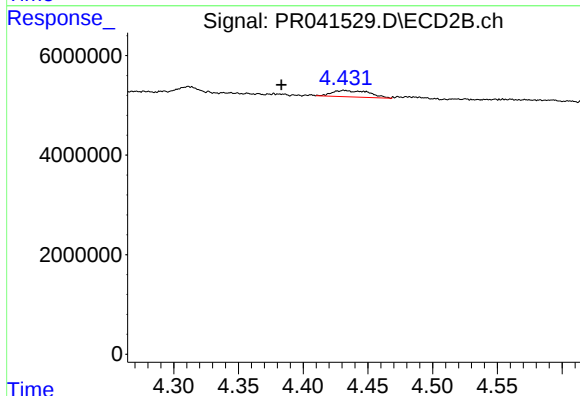
R.T.: 4.312 min
Delta R.T.: 0.006 min
Response: 1361942
Conc: 39.05 ng/ml



#10 AR-1221-3

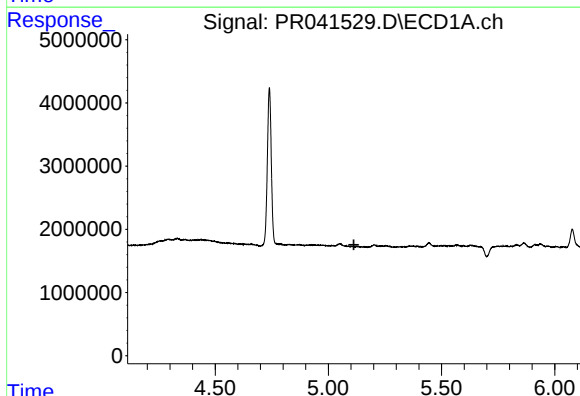
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP00



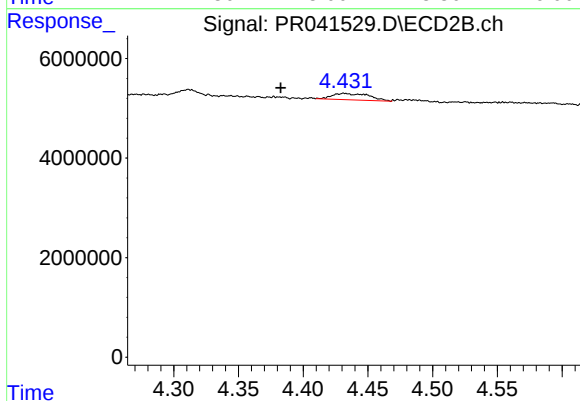
#10 AR-1221-3

R.T.: 4.432 min
Delta R.T.: 0.049 min
Response: 2525666
Conc: 23.82 ng/ml



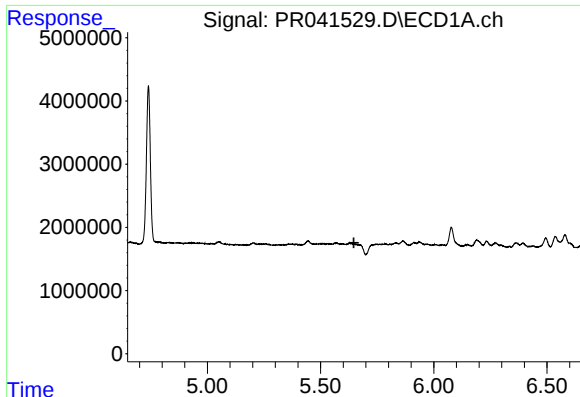
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.



#11 AR-1232-1

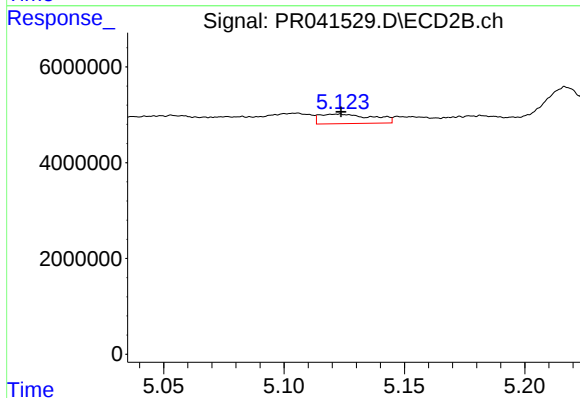
R.T.: 4.432 min
Delta R.T.: 0.049 min
Response: 2525666
Conc: 31.33 ng/ml



#12 AR-1232-2

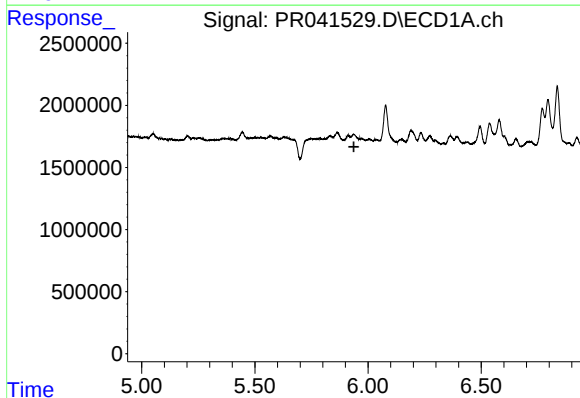
R.T.: 0.000 min
Exp R.T.: 5.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP00



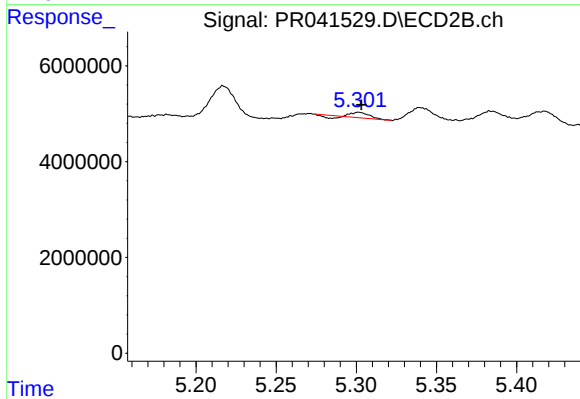
#12 AR-1232-2

R.T.: 5.122 min
Delta R.T.: -0.001 min
Response: 3034677
Conc: 31.20 ng/ml



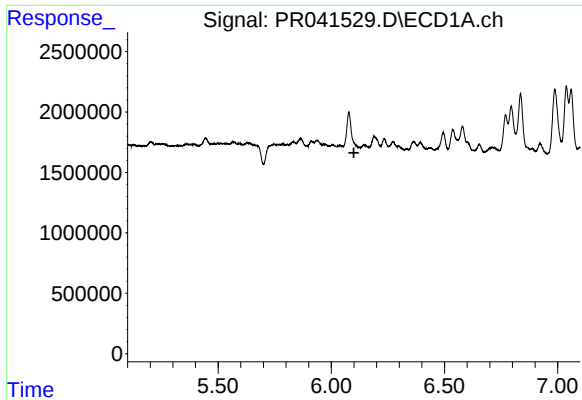
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.937 min
Response: 0
Conc: N.D.



#13 AR-1232-3

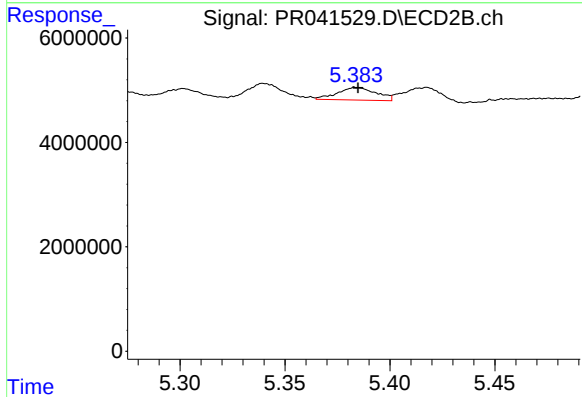
R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 595216
Conc: 13.26 ng/ml



#14 AR-1232-4

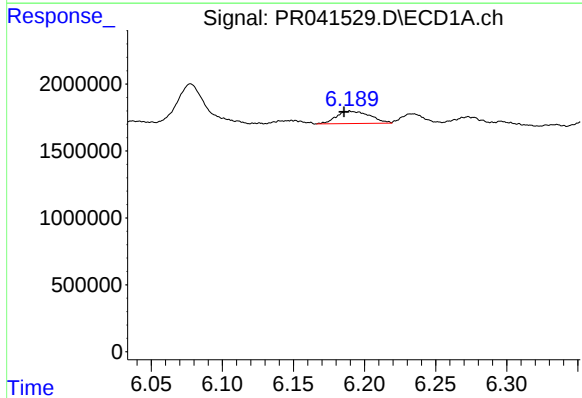
R.T.: 0.000 min
Exp R.T.: 6.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP00



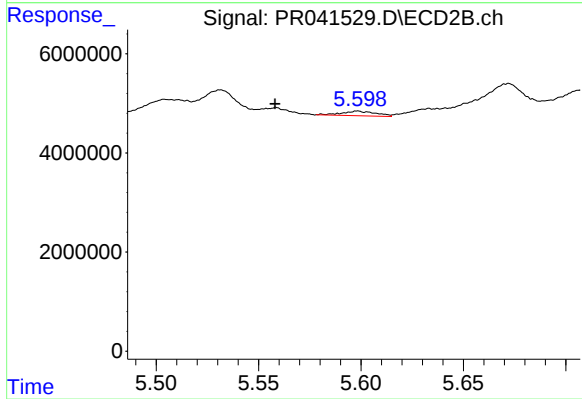
#14 AR-1232-4

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 3118498
Conc: 74.45 ng/ml



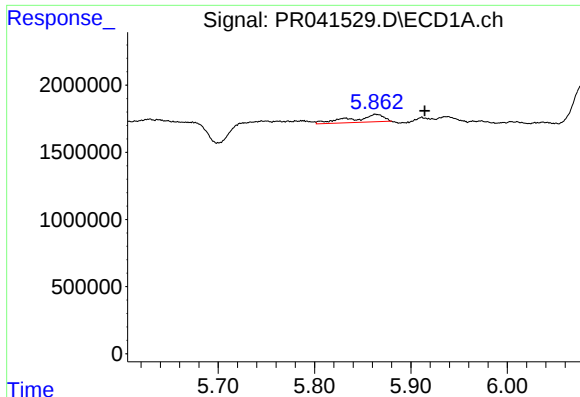
#15 AR-1232-5

R.T.: 6.190 min
Delta R.T.: 0.004 min
Response: 1519286
Conc: 109.95 ng/ml



#15 AR-1232-5

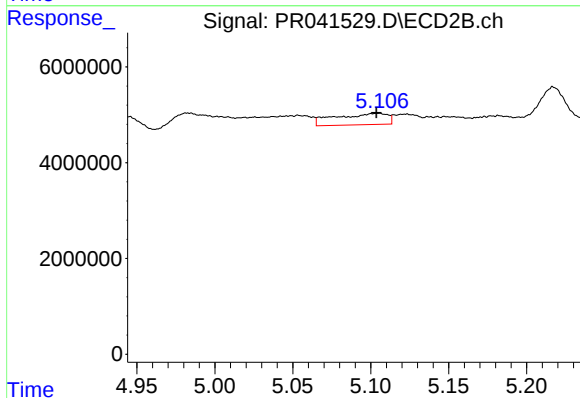
R.T.: 5.598 min
Delta R.T.: 0.040 min
Response: 1092684
Conc: 20.43 ng/ml



#16 AR-1242-1

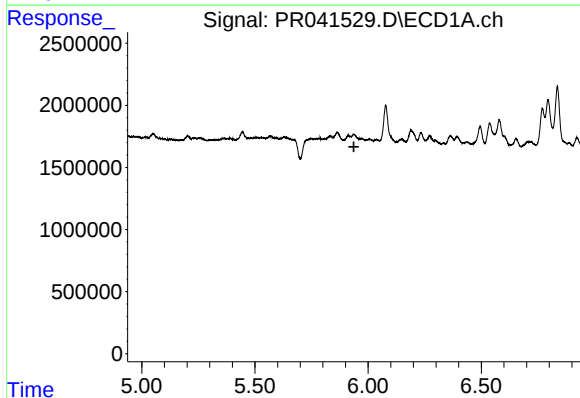
R.T.: 5.863 min
Delta R.T.: -0.051 min
Response: 1297755
Conc: 25.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



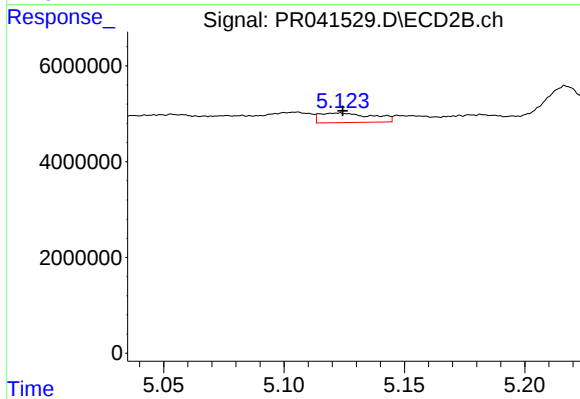
#16 AR-1242-1

R.T.: 5.105 min
Delta R.T.: 0.001 min
Response: 5524423
Conc: 49.27 ng/ml



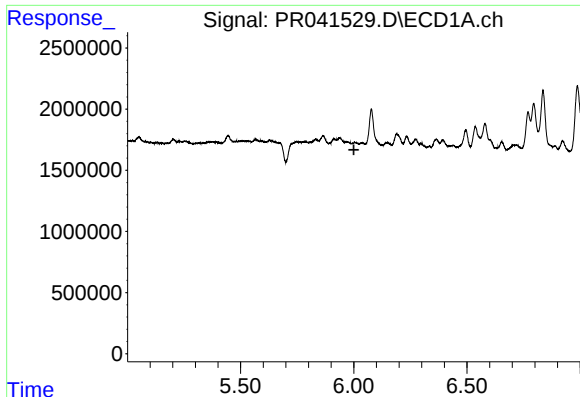
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.937 min
Response: 0
Conc: N.D.



#17 AR-1242-2

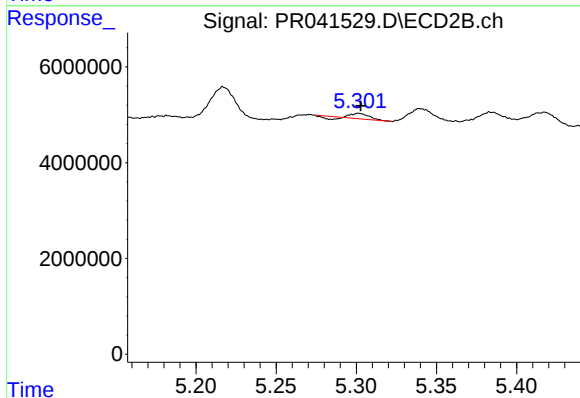
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 3034677
Conc: 18.98 ng/ml



#18 AR-1242-3

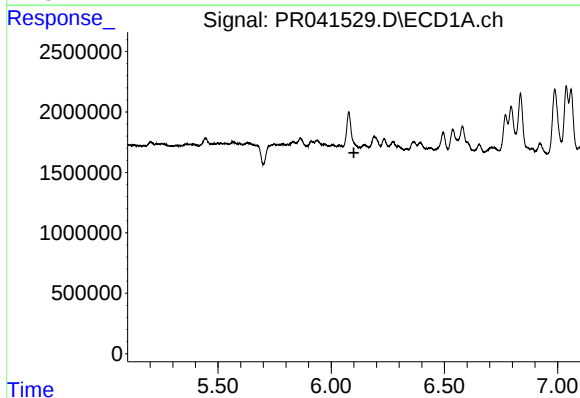
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
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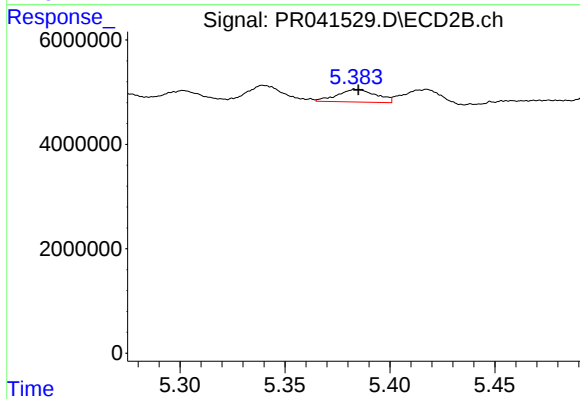
#18 AR-1242-3

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 595216
Conc: 6.56 ng/ml



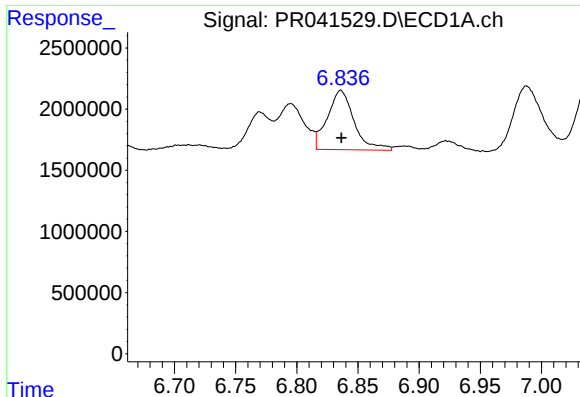
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.100 min
Response: 0
Conc: N.D.



#19 AR-1242-4

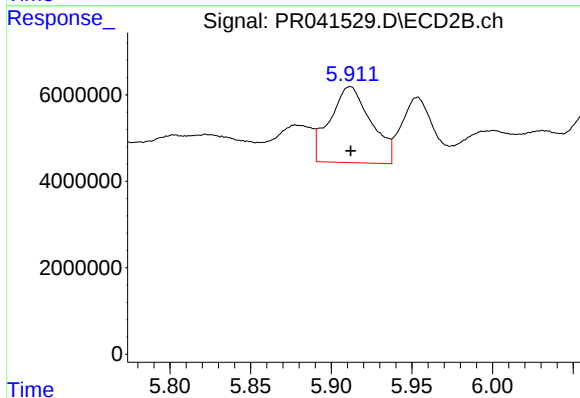
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 3118498
Conc: 33.14 ng/ml



#20 AR-1242-5

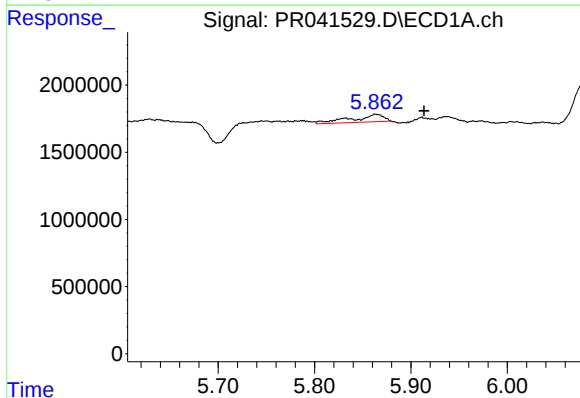
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 7358841
Conc: 143.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



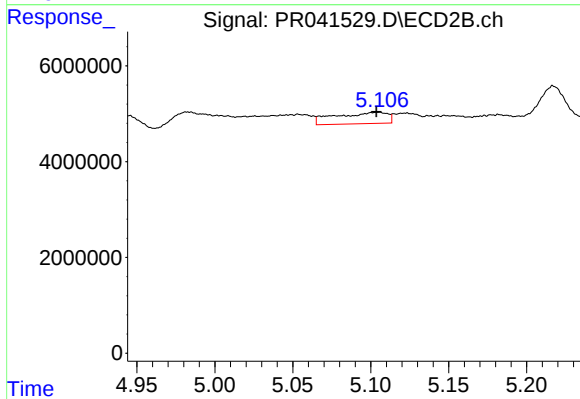
#20 AR-1242-5

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 31218595
Conc: 184.03 ng/ml



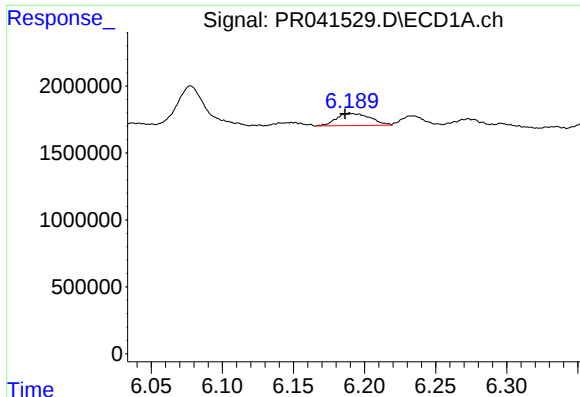
#21 AR-1248-1

R.T.: 5.863 min
Delta R.T.: -0.050 min
Response: 1297755
Conc: 35.36 ng/ml



#21 AR-1248-1

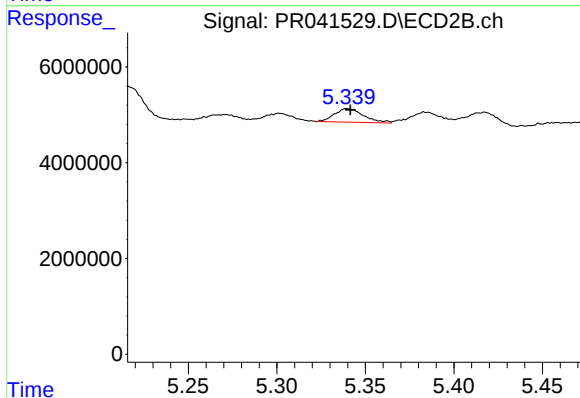
R.T.: 5.105 min
Delta R.T.: 0.001 min
Response: 5524423
Conc: 65.54 ng/ml



#22 AR-1248-2

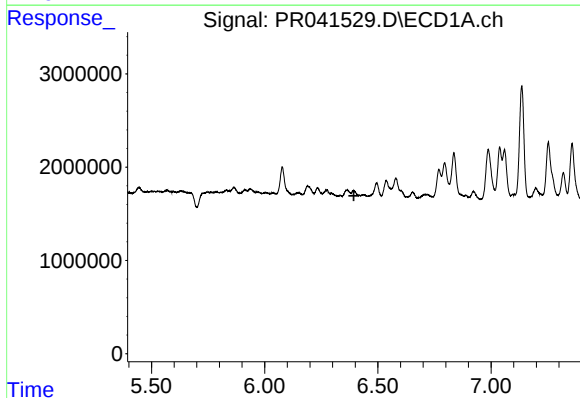
R.T.: 6.190 min
Delta R.T.: 0.003 min
Response: 1519286
Conc: 27.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



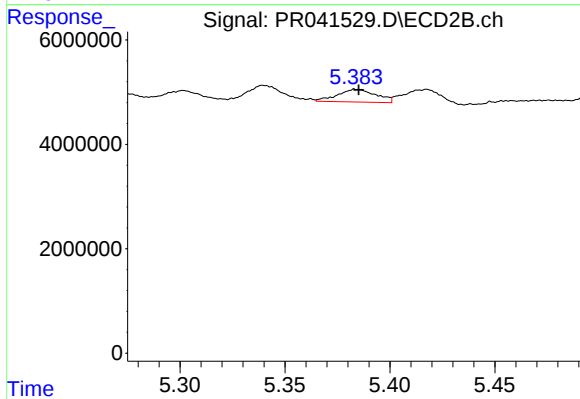
#22 AR-1248-2

R.T.: 5.340 min
Delta R.T.: -0.002 min
Response: 3271288
Conc: 26.90 ng/ml



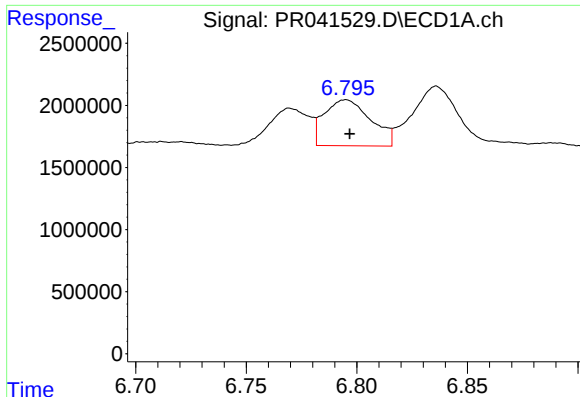
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.394 min
Response: 0
Conc: N.D.



#23 AR-1248-3

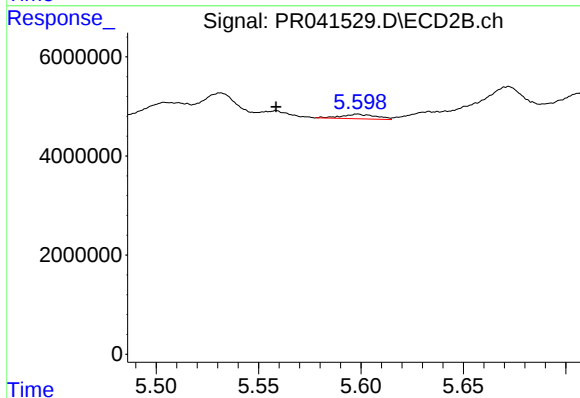
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 3118498
Conc: 24.60 ng/ml



#24 AR-1248-4

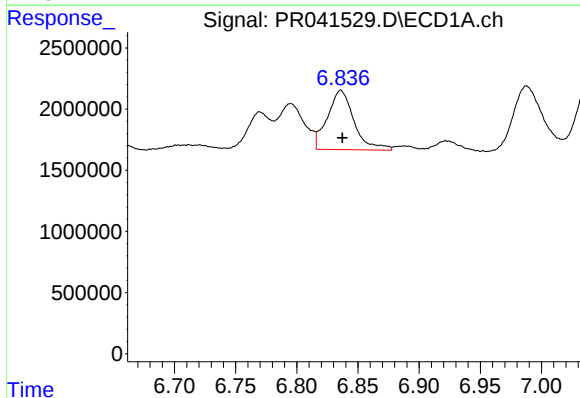
R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 5439080
Conc: 63.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



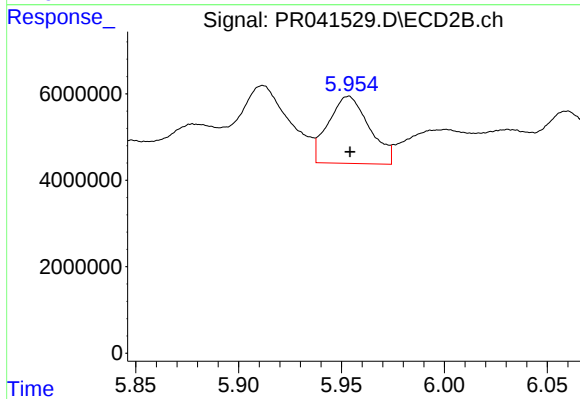
#24 AR-1248-4

R.T.: 5.598 min
Delta R.T.: 0.040 min
Response: 1092684
Conc: 6.51 ng/ml



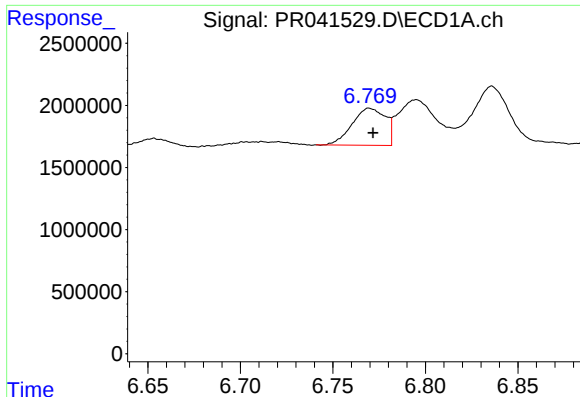
#25 AR-1248-5

R.T.: 6.836 min
Delta R.T.: -0.001 min
Response: 7358841
Conc: 90.31 ng/ml



#25 AR-1248-5

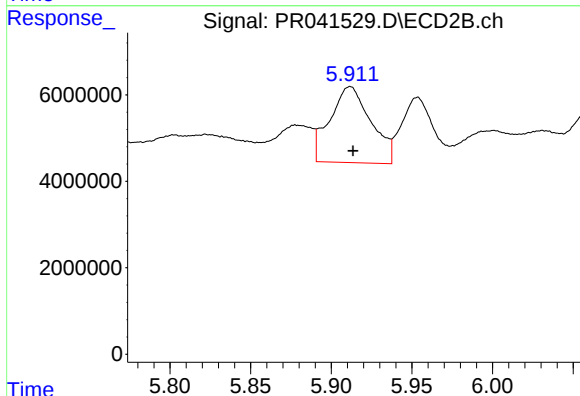
R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 21584900
Conc: 99.14 ng/ml



#26 AR-1254-1

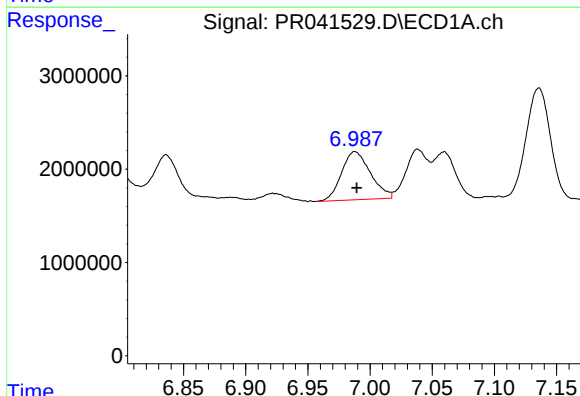
R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 3738732
Conc: 44.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



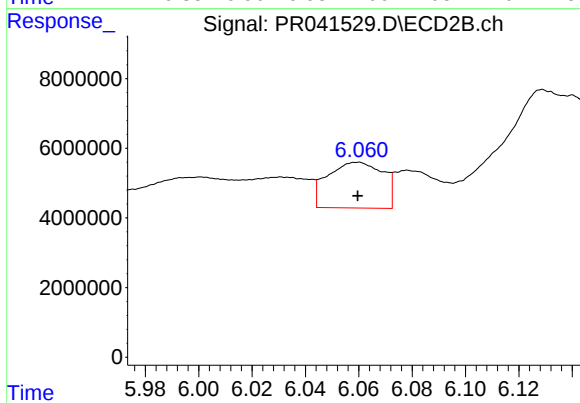
#26 AR-1254-1

R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 31218595
Conc: 96.26 ng/ml



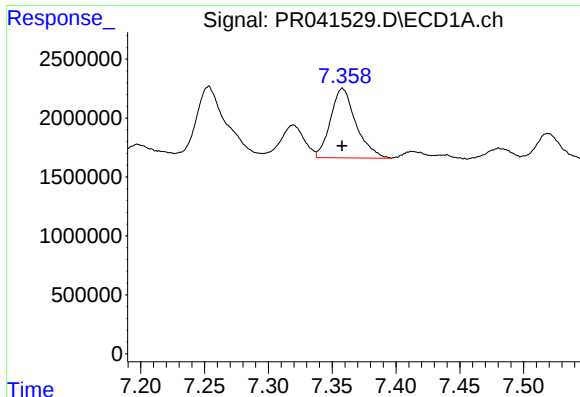
#27 AR-1254-2

R.T.: 6.988 min
Delta R.T.: -0.001 min
Response: 8353905
Conc: 59.45 ng/ml



#27 AR-1254-2

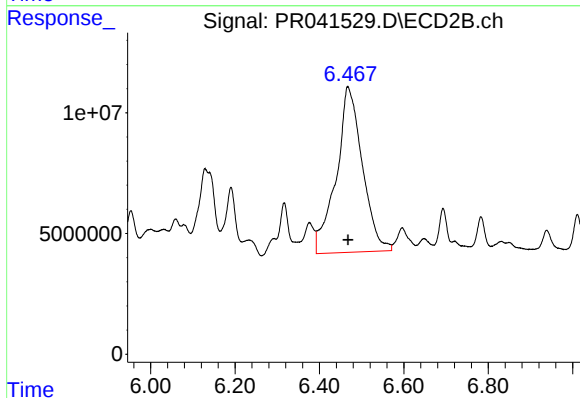
R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 18879205
Conc: 61.80 ng/ml



#28 AR-1254-3

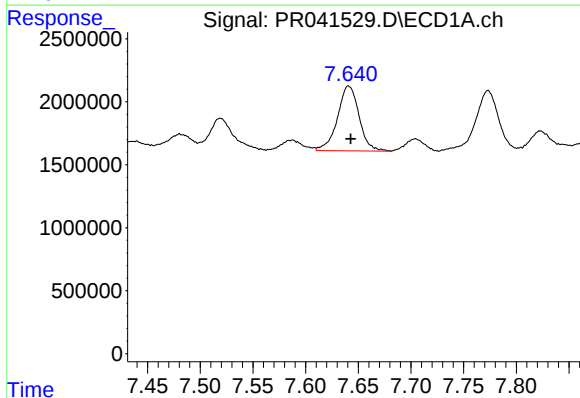
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 8191218
Conc: 48.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



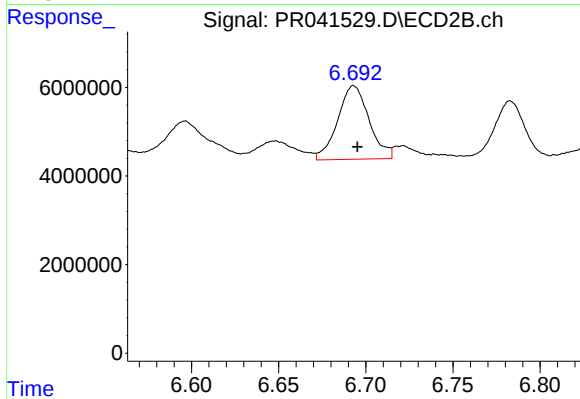
#28 AR-1254-3

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 294264208
Conc: 525.88 ng/ml



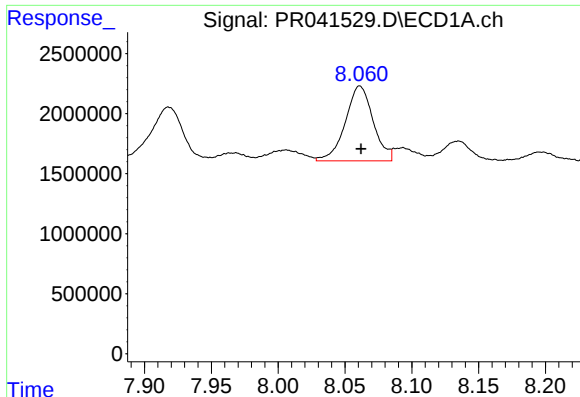
#29 AR-1254-4

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 7334493
Conc: 54.03 ng/ml



#29 AR-1254-4

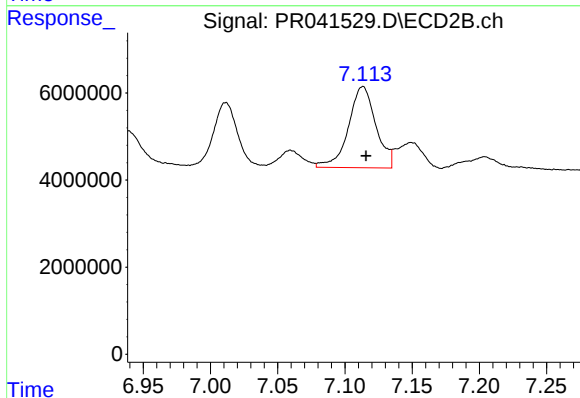
R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 20862527
Conc: 48.89 ng/ml



#30 AR-1254-5

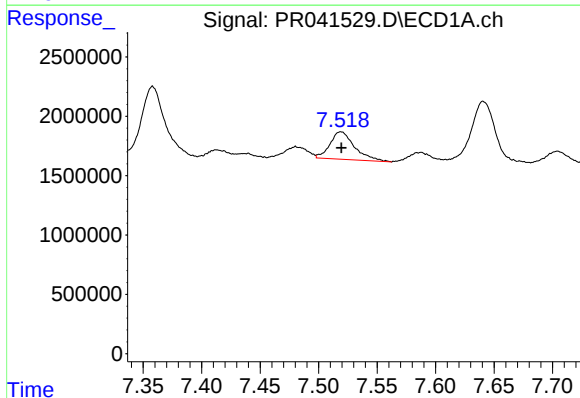
R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 9056190
Conc: 58.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



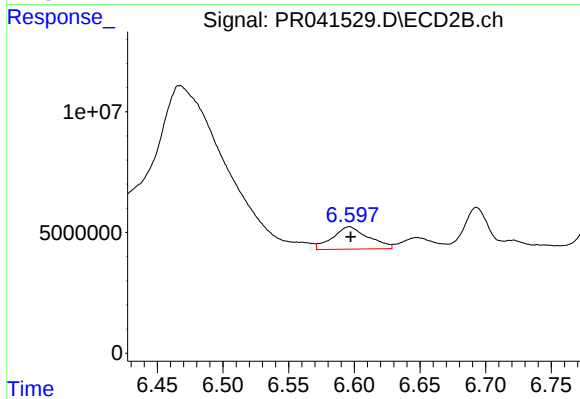
#30 AR-1254-5

R.T.: 7.113 min
Delta R.T.: -0.002 min
Response: 26507548
Conc: 45.82 ng/ml



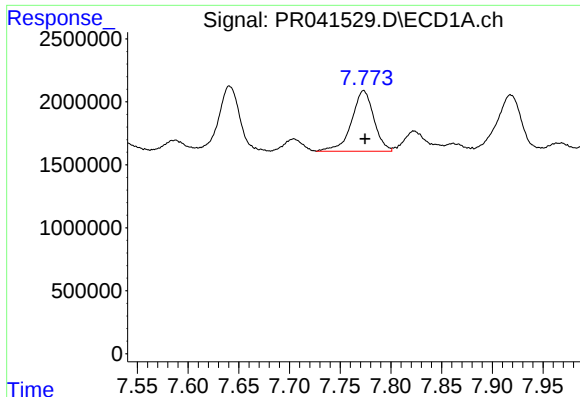
#31 AR-1260-1

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 3402627
Conc: 28.73 ng/ml



#31 AR-1260-1

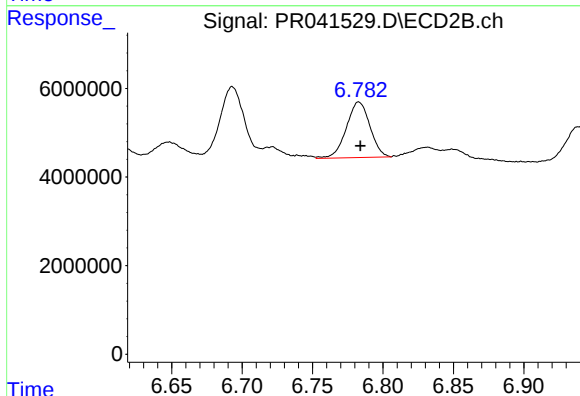
R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 17545813
Conc: 45.05 ng/ml



#32 AR-1260-2

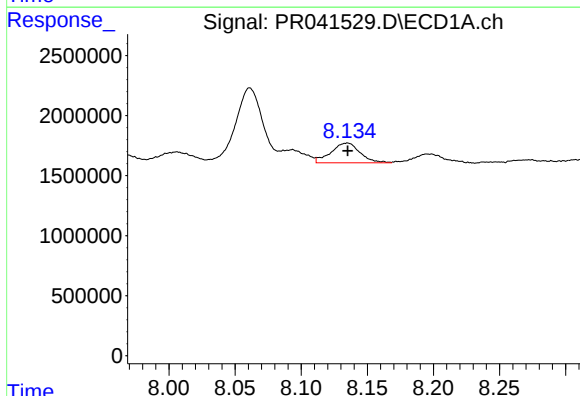
R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 7390520
Conc: 50.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



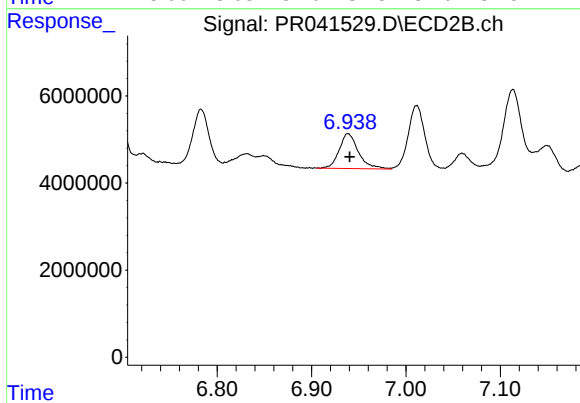
#32 AR-1260-2

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 14635478
Conc: 27.15 ng/ml



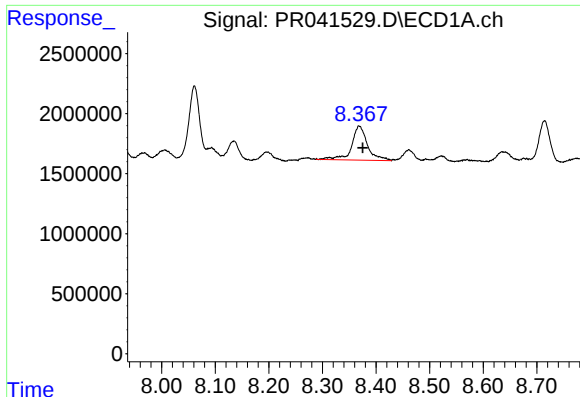
#33 AR-1260-3

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 2526978
Conc: 21.79 ng/ml



#33 AR-1260-3

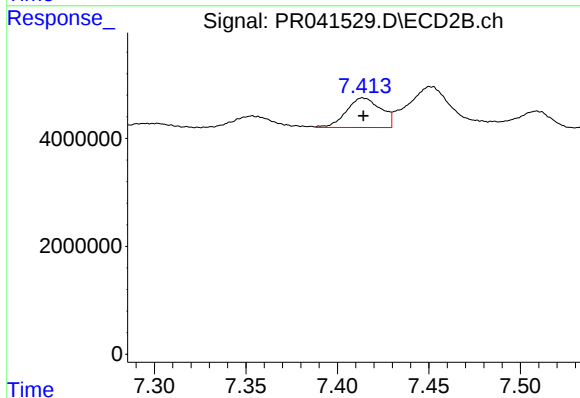
R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 11367946
Conc: 24.34 ng/ml



#34 AR-1260-4

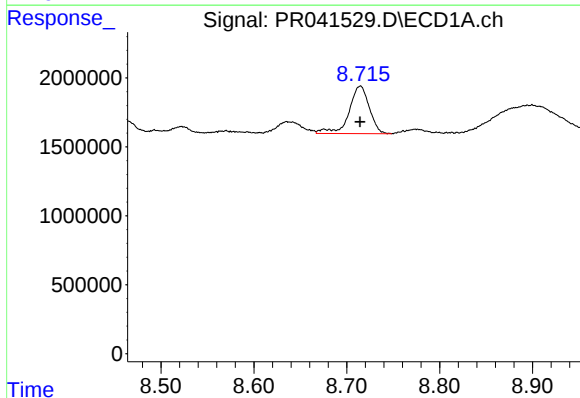
R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 5821555
Conc: 40.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



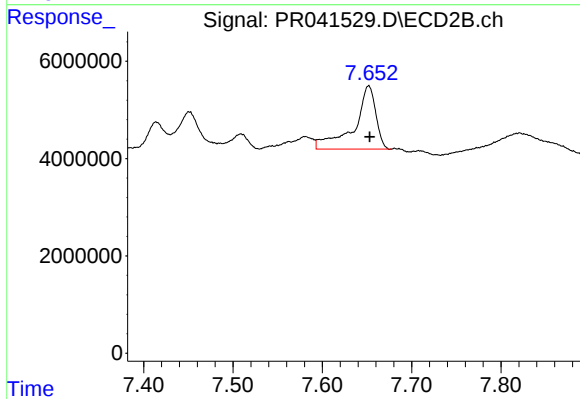
#34 AR-1260-4

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 7170441
Conc: 16.92 ng/ml



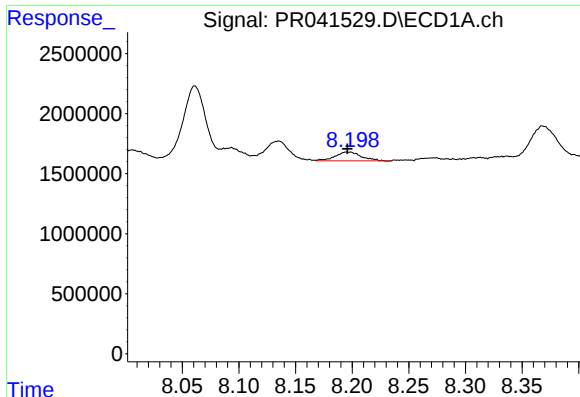
#35 AR-1260-5

R.T.: 8.715 min
Delta R.T.: 0.000 min
Response: 5211658
Conc: 16.92 ng/ml



#35 AR-1260-5

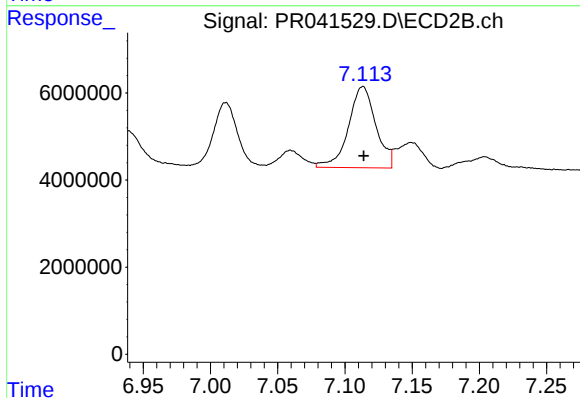
R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 22048628
Conc: 18.10 ng/ml



#36 AR-1262-1

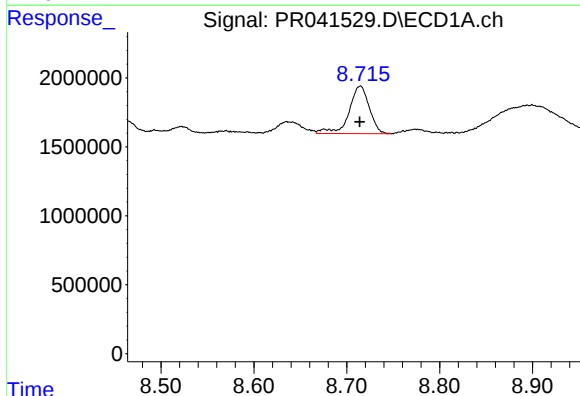
R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 1160214
Conc: 15.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



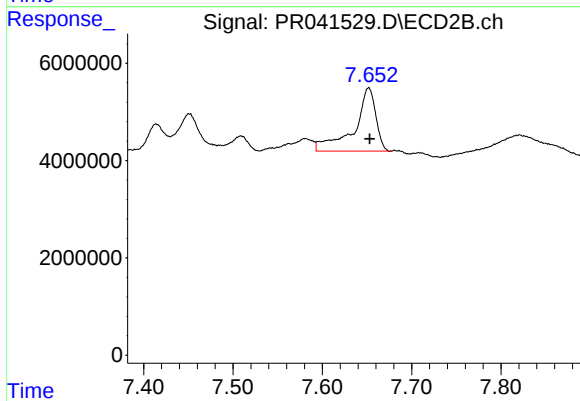
#36 AR-1262-1

R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 26507548
Conc: 79.20 ng/ml



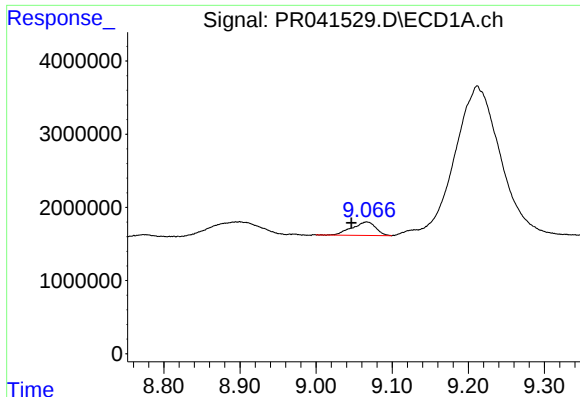
#37 AR-1262-2

R.T.: 8.715 min
Delta R.T.: 0.000 min
Response: 5211658
Conc: 13.75 ng/ml



#37 AR-1262-2

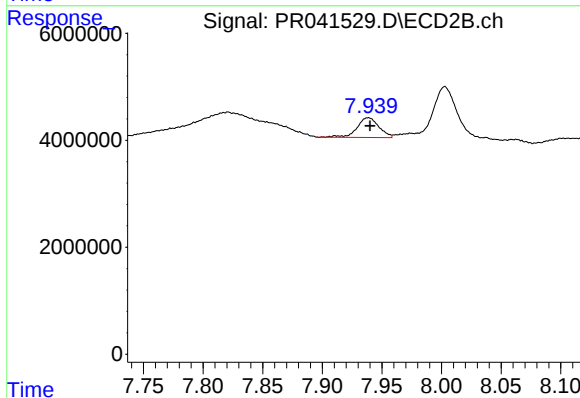
R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 22048628
Conc: 15.97 ng/ml



#38 AR-1262-3

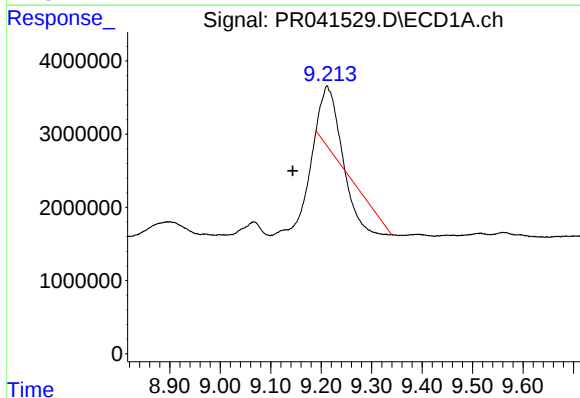
R.T.: 9.067 min
Delta R.T.: 0.020 min
Response: 4012905
Conc: 15.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



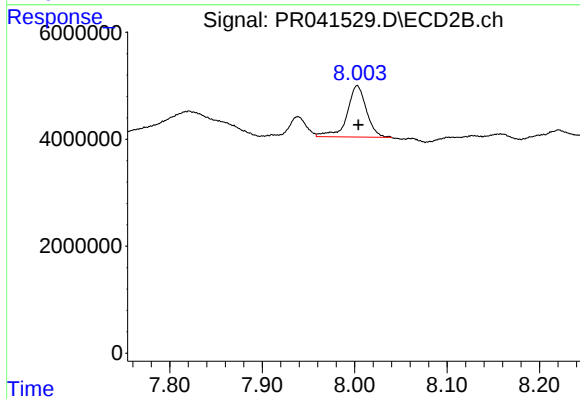
#38 AR-1262-3

R.T.: 7.939 min
Delta R.T.: -0.001 min
Response: 4694151
Conc: 8.21 ng/ml



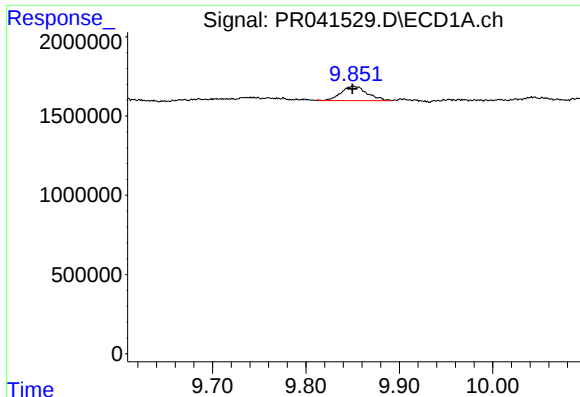
#39 AR-1262-4

R.T.: 9.212 min
Delta R.T.: 0.068 min
Response: 2380142
Conc: 12.05 ng/ml



#39 AR-1262-4

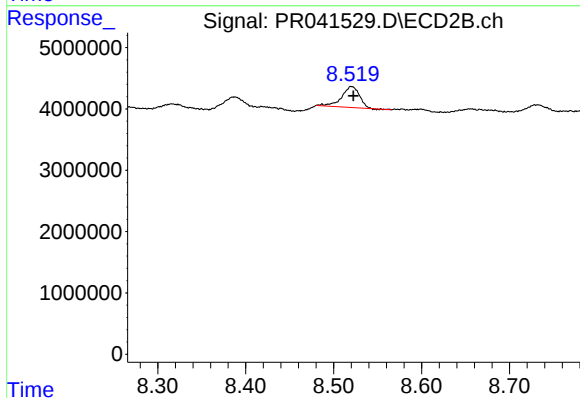
R.T.: 8.003 min
Delta R.T.: -0.001 min
Response: 13988148
Conc: 13.80 ng/ml



#40 AR-1262-5

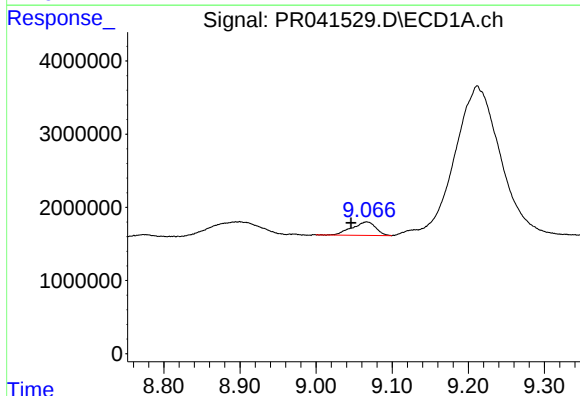
R.T.: 9.851 min
Delta R.T.: 0.000 min
Response: 1759589
Conc: 11.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



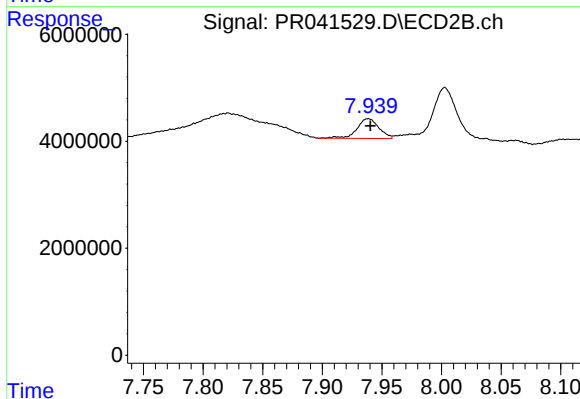
#40 AR-1262-5

R.T.: 8.520 min
Delta R.T.: -0.002 min
Response: 4830699
Conc: 8.63 ng/ml



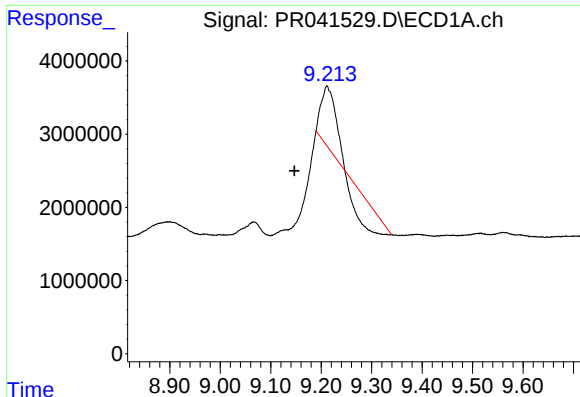
#41 AR-1268-1

R.T.: 9.067 min
Delta R.T.: 0.021 min
Response: 4012905
Conc: 8.34 ng/ml



#41 AR-1268-1

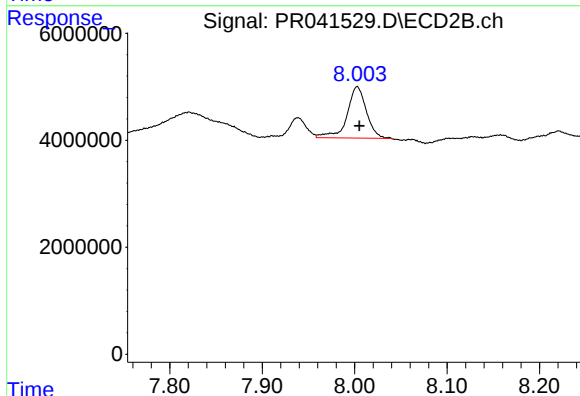
R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 4694151
Conc: 2.77 ng/ml



#42 AR-1268-2

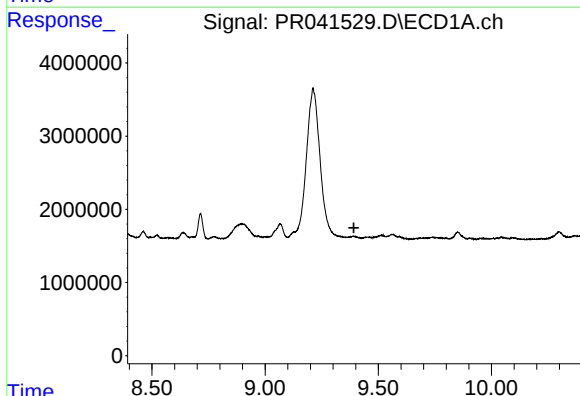
R.T.: 9.212 min
Delta R.T.: 0.065 min
Response: 2380142
Conc: 5.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



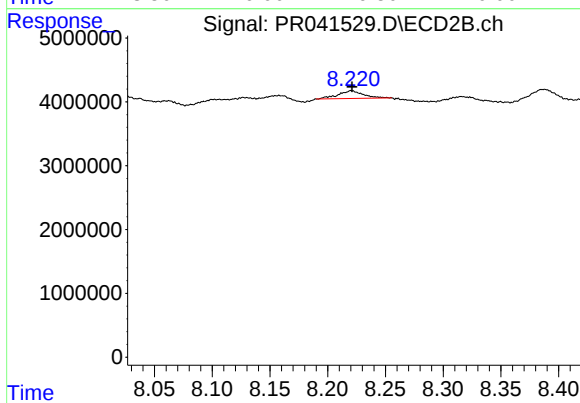
#42 AR-1268-2

R.T.: 8.003 min
Delta R.T.: -0.002 min
Response: 13988148
Conc: 8.94 ng/ml



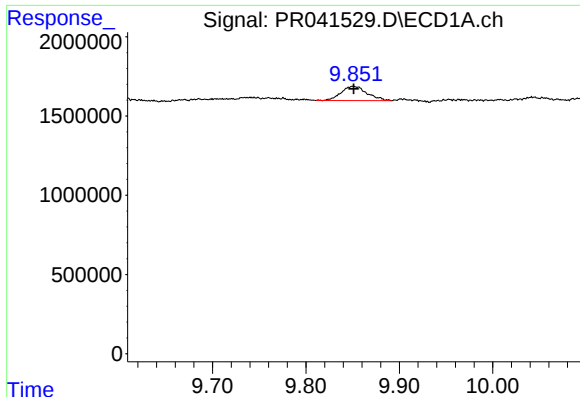
#43 AR-1268-3

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



#43 AR-1268-3

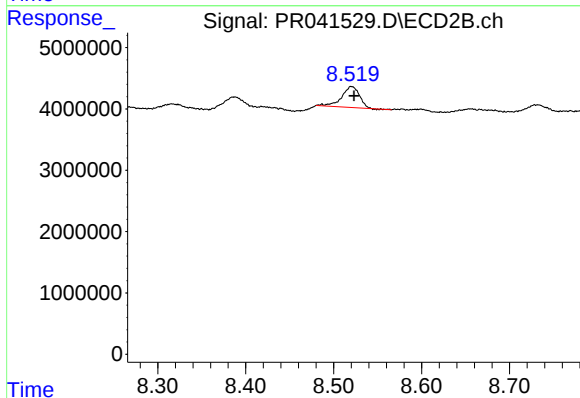
R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 1821388
Conc: 1.38 ng/ml



#44 AR-1268-4

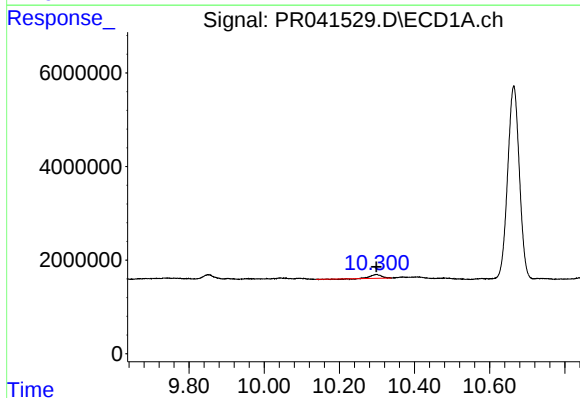
R.T.: 9.851 min
Delta R.T.: 0.000 min
Response: 1759589
Conc: 10.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP00



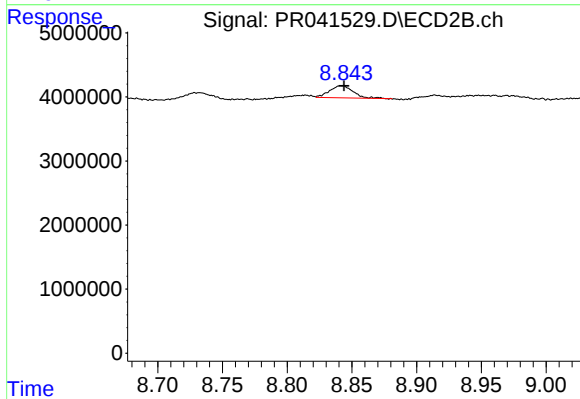
#44 AR-1268-4

R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 4830699
Conc: 8.05 ng/ml



#45 AR-1268-5

R.T.: 10.299 min
Delta R.T.: 0.000 min
Response: 1374906
Conc: 0.97 ng/ml



#45 AR-1268-5

R.T.: 8.842 min
Delta R.T.: -0.002 min
Response: 2396396
Conc: 0.54 ng/ml