

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051620\
 Data File : PR045328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2020 00:15
 Operator : AJ\MA
 Sample : L2182-01
 Misc : AR1262 25PPB LOD
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 07:25:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR051520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 14 17:15:31 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.797	4.038	38372568	292.8E6	19.375	21.239
2)	SA Decachlor...	10.823	9.182	53716671	338.2E6	26.763	28.675
Target Compounds							
3)	L1 AR-1016-1	0.000	5.142	0	1612372	N.D.	3.265 #
4)	L1 AR-1016-2	0.000	5.161	0	1059234	N.D.	1.601 #
5)	L1 AR-1016-3	0.000	5.340	0	836382	N.D.	2.363 #
6)	L1 AR-1016-4	0.000	5.378	0	1173214	N.D.	4.161 #
7)	L1 AR-1016-5	0.000	5.597	0	581645	N.D.	1.595 #
8)	L2 AR-1221-1	0.000	4.244	0	496852	N.D.	3.650 #
9)	L2 AR-1221-2	5.111	4.345	530504	4404424	36.114	43.340
10)	L2 AR-1221-3	5.111	4.419	530504	1267668	11.896	4.160 #
11)	L3 AR-1232-1	5.111	4.419	530504	1267668	12.147	4.268 #
12)	L3 AR-1232-2	5.696	5.161	573651	1059234	24.105	3.562 #
13)	L3 AR-1232-3	0.000	5.340	0	836382	N.D.	5.340 #
14)	L3 AR-1232-4	0.000	5.444	0	2404090	N.D.	17.529 #
15)	L3 AR-1232-5	6.309	5.597	319260	581645	18.275	3.909 #
16)	L4 AR-1242-1	0.000	5.142	0	1612372	N.D.	4.449 #
17)	L4 AR-1242-2	0.000	5.161	0	1059234	N.D.	2.171 #
18)	L4 AR-1242-3	0.000	5.340	0	836382	N.D.	3.184 #
19)	L4 AR-1242-4	0.000	5.444	0	2404090	N.D.	9.540 #
20)	L4 AR-1242-5	6.849	5.952	496746	4171718	11.954	12.734
21)	L5 AR-1248-1	0.000	5.142	0	1612372	N.D.	3.363 #
22)	L5 AR-1248-2	6.309	5.378	319260	1173214	3.467	1.970 #
23)	L5 AR-1248-3	0.000	5.444	0	2404090	N.D.	3.937 #
24)	L5 AR-1248-4	6.849	5.597	496746	581645	4.065	0.767 #
25)	L5 AR-1248-5	6.849	5.991	496746	1185870	4.256	1.547 #
26)	L6 AR-1254-1	6.849	5.952	496746	4171718	7.521	6.564
27)	L6 AR-1254-2	7.061	6.098	490575	4652859	4.747	8.508 #
28)	L6 AR-1254-3	7.437	6.522	327497	14337769	2.901	15.676 #
29)	L6 AR-1254-4	7.725	6.734	293592	1681517	3.397	2.854
30)	L6 AR-1254-5	8.146	7.154	2168340	11952507	22.688	15.152 #
31)	L7 AR-1260-1	7.598	6.638	1763172	15417933	19.063	24.198 #
32)	L7 AR-1260-2	7.854	6.823	2227767	16770128	19.840	22.129
33)	L7 AR-1260-3	8.219	6.984	3027420	15150504	34.658	21.168 #
34)	L7 AR-1260-4	8.466	7.456	2910014	21034015	28.225	35.143
35)	L7 AR-1260-5	8.814	7.694	5531449	40727767	26.721	28.224
36)	L8 AR-1262-1	8.219	7.154	3027420	11952507	25.605	26.977
37)	L8 AR-1262-2	8.814	7.694	5531449	40727767	24.367	26.049
38)	L8 AR-1262-3	9.152	7.982	2711663	16914367	28.034	29.048
39)	L8 AR-1262-4	9.255	8.045	1905587	31280927	16.981	27.977 #
40)	L8 AR-1262-5	9.987	8.569	2128186	16343183	25.781	31.392
41)	L9 AR-1268-1	9.152	7.982	2711663	16914367	10.244	9.910

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051620\
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 Acq On : 16 May 2020 00:15
 Operator : AJ\MA
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 Misc : AR1262 25PPB LOD
 ALS Vial : 28 Sample Multiplier: 1

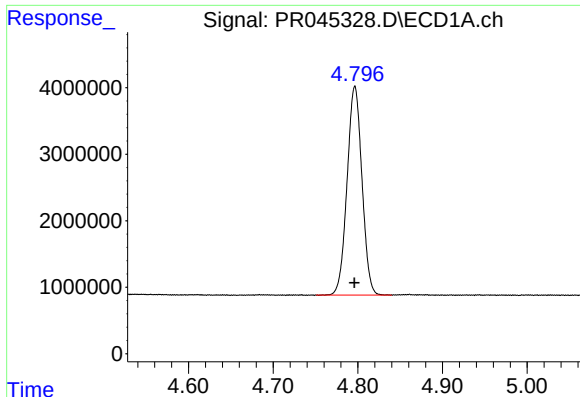
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 07:25:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR051520.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	9.255	8.045	1905587	31280927	7.884	19.611 #
43) L9	AR-1268-3	9.506	8.265	465971	3285867	2.325	2.525
44) L9	AR-1268-4	9.987	8.569	2128186	16343183	21.901	28.026 #
45) L9	AR-1268-5	10.446	8.894	1137308	8878896	1.667	2.112 #

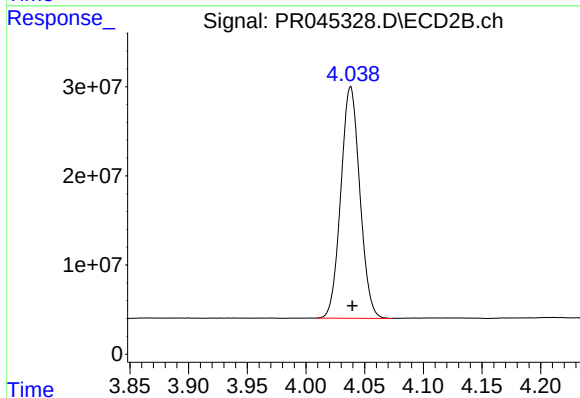
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

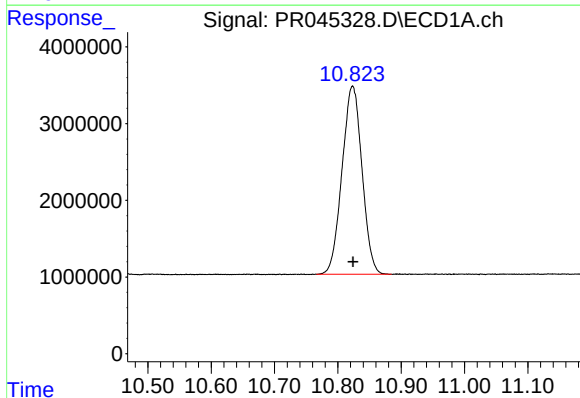
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 38372568
Conc: 19.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



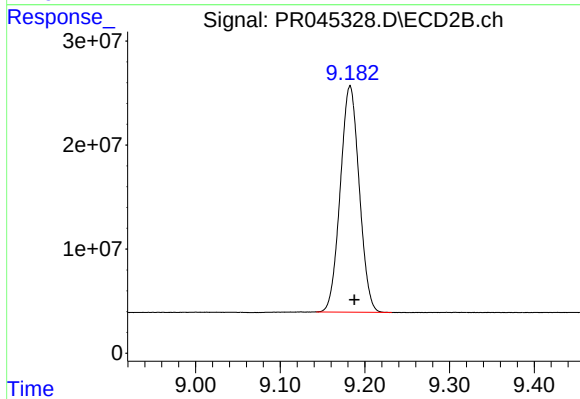
#1 Tetrachloro-m-xylene

R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 292849264
Conc: 21.24 ng/ml



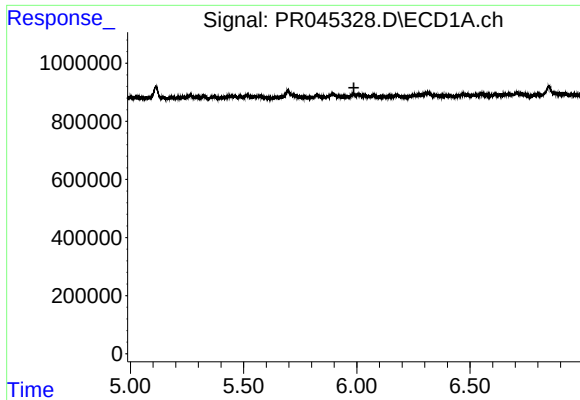
#2 Decachlorobiphenyl

R.T.: 10.823 min
Delta R.T.: 0.000 min
Response: 53716671
Conc: 26.76 ng/ml



#2 Decachlorobiphenyl

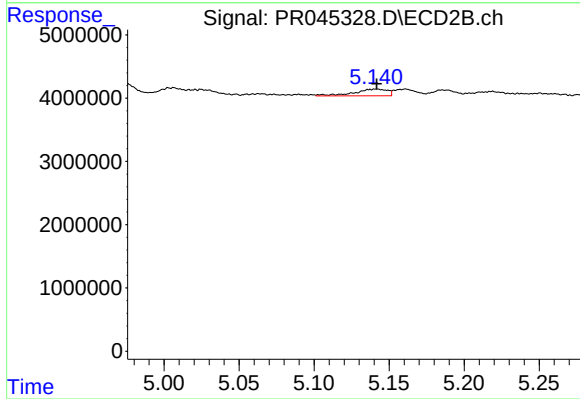
R.T.: 9.182 min
Delta R.T.: -0.005 min
Response: 338230995
Conc: 28.68 ng/ml



#3 AR-1016-1

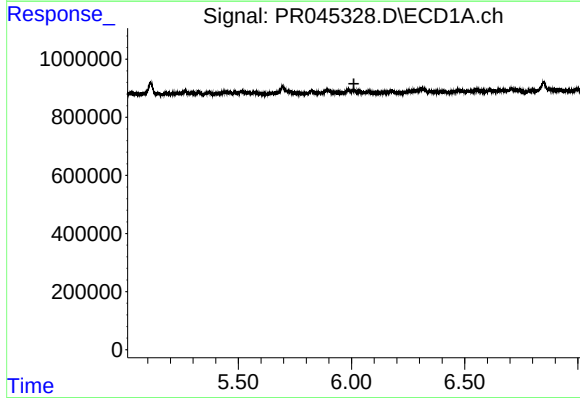
R.T.: 0.000 min
Exp R.T.: 5.987 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



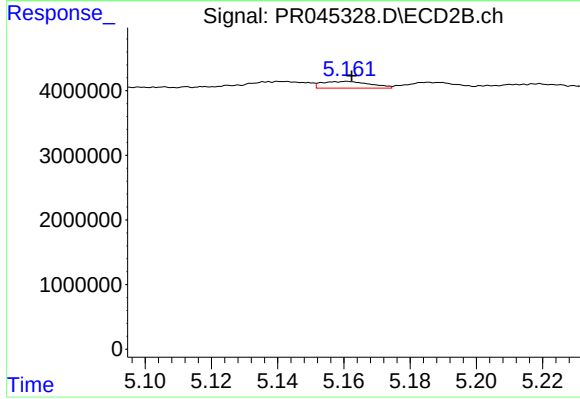
#3 AR-1016-1

R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 1612372
Conc: 3.27 ng/ml



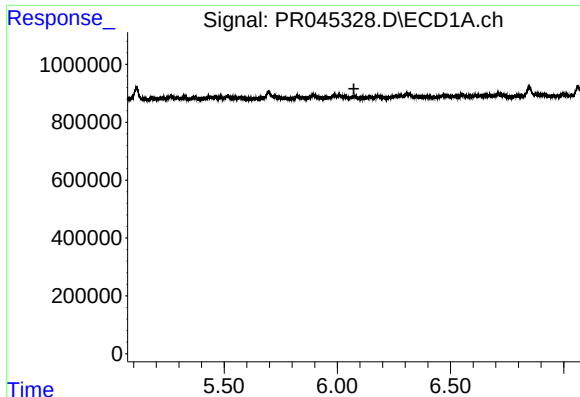
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.010 min
Response: 0
Conc: N.D.



#4 AR-1016-2

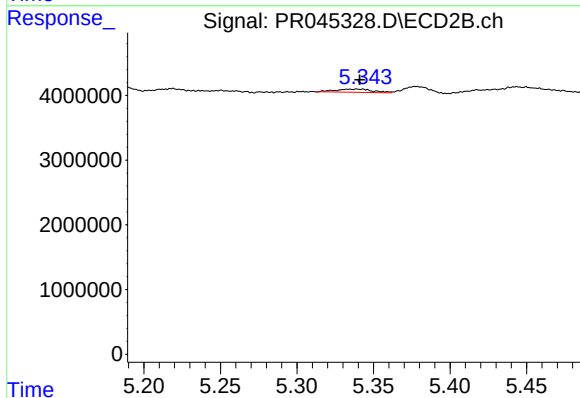
R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 1059234
Conc: 1.60 ng/ml



#5 AR-1016-3

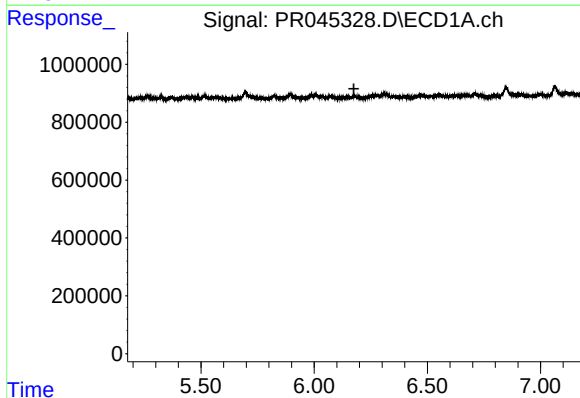
R.T.: 0.000 min
Exp R.T.: 6.073 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



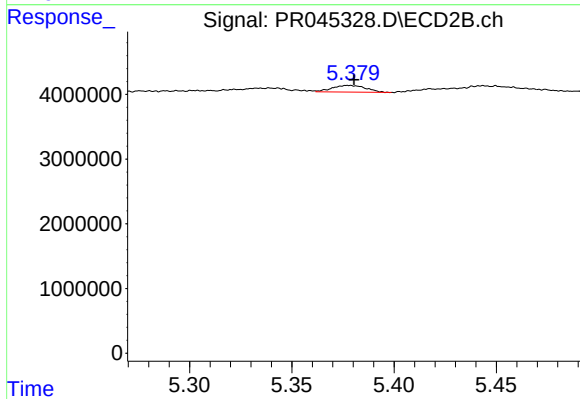
#5 AR-1016-3

R.T.: 5.340 min
Delta R.T.: -0.001 min
Response: 836382
Conc: 2.36 ng/ml



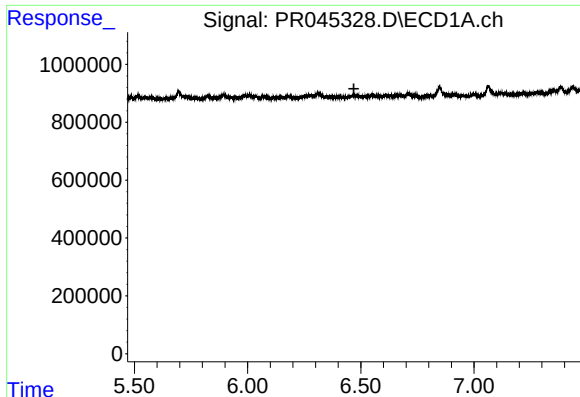
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.176 min
Response: 0
Conc: N.D.



#6 AR-1016-4

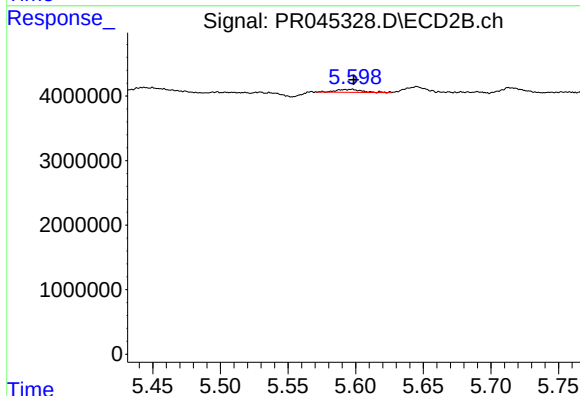
R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 1173214
Conc: 4.16 ng/ml



#7 AR-1016-5

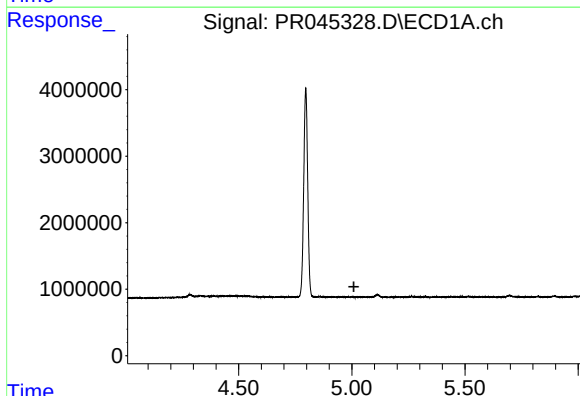
R.T.: 0.000 min
Exp R.T.: 6.469 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



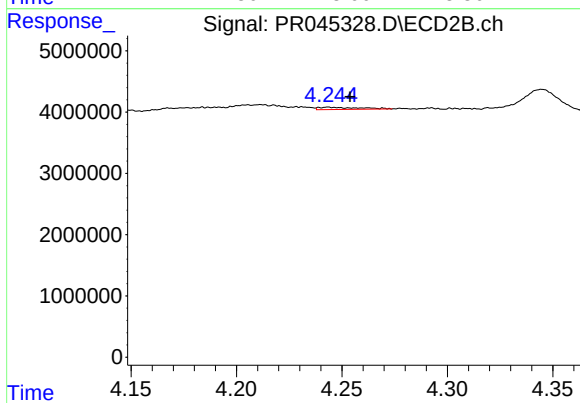
#7 AR-1016-5

R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 581645
Conc: 1.59 ng/ml



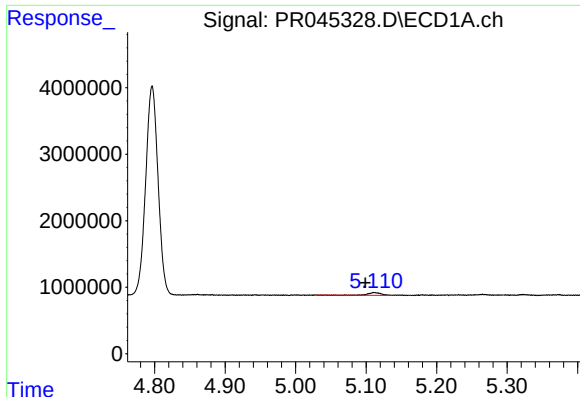
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.



#8 AR-1221-1

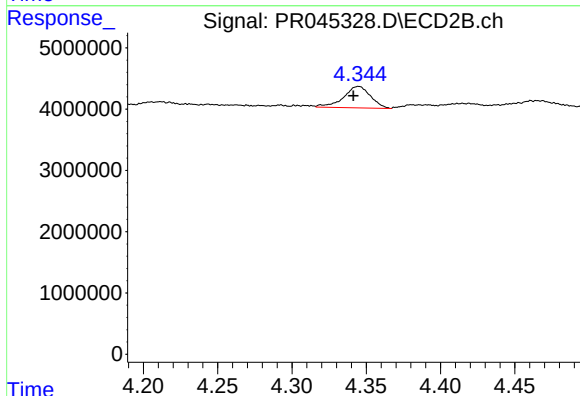
R.T.: 4.244 min
Delta R.T.: -0.010 min
Response: 496852
Conc: 3.65 ng/ml



#9 AR-1221-2

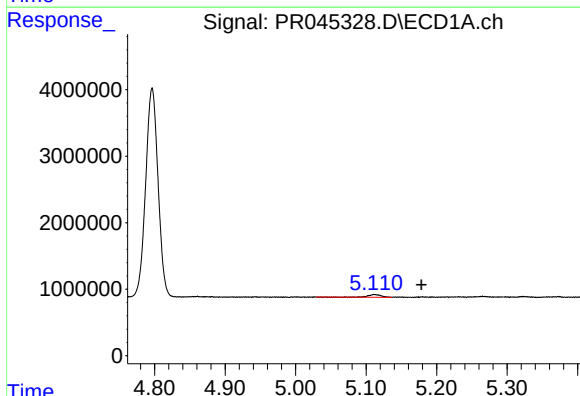
R.T.: 5.111 min
Delta R.T.: 0.013 min
Response: 530504
Conc: 36.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



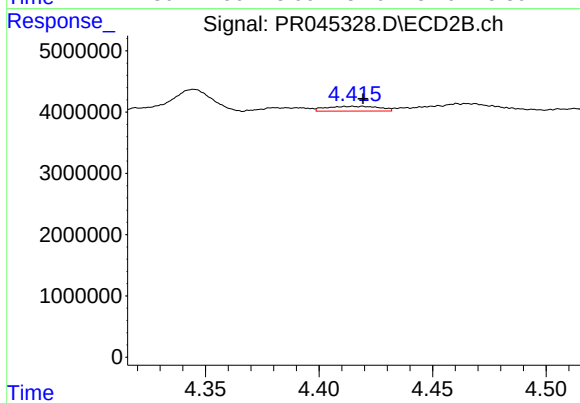
#9 AR-1221-2

R.T.: 4.345 min
Delta R.T.: 0.003 min
Response: 4404424
Conc: 43.34 ng/ml



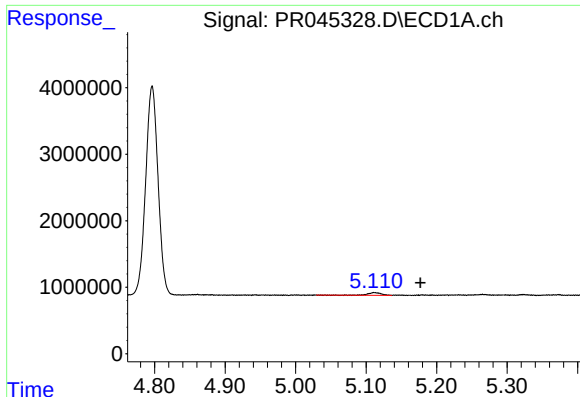
#10 AR-1221-3

R.T.: 5.111 min
Delta R.T.: -0.067 min
Response: 530504
Conc: 11.90 ng/ml



#10 AR-1221-3

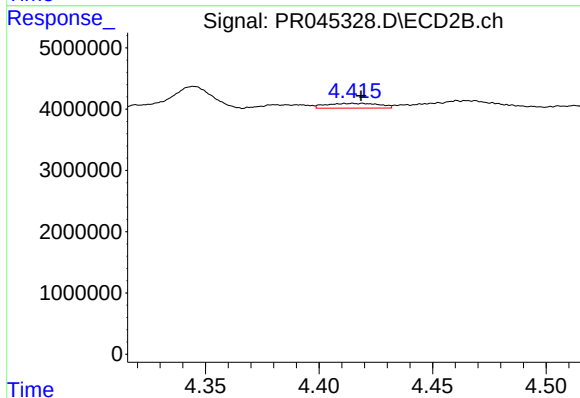
R.T.: 4.419 min
Delta R.T.: 0.000 min
Response: 1267668
Conc: 4.16 ng/ml



#11 AR-1232-1

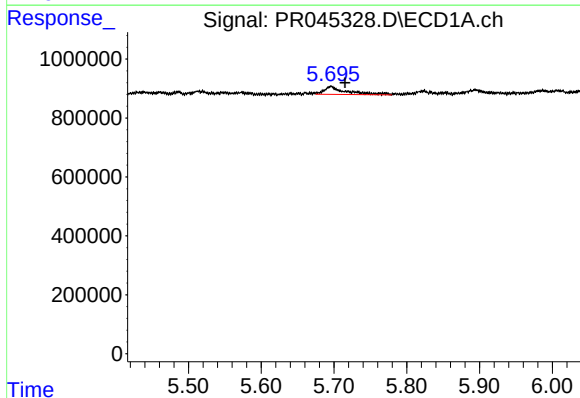
R.T.: 5.111 min
Delta R.T.: -0.066 min
Response: 530504
Conc: 12.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



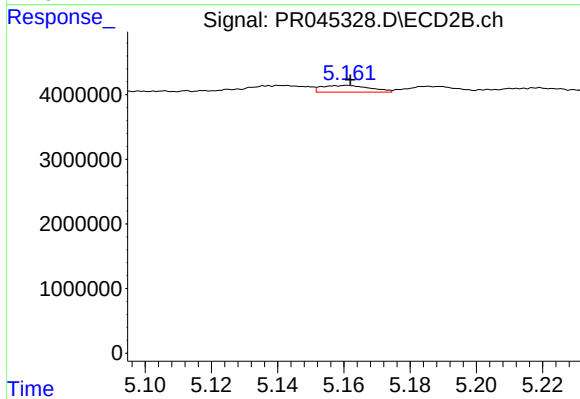
#11 AR-1232-1

R.T.: 4.419 min
Delta R.T.: 0.000 min
Response: 1267668
Conc: 4.27 ng/ml



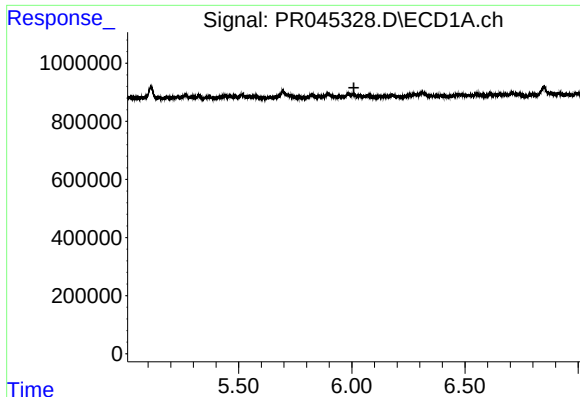
#12 AR-1232-2

R.T.: 5.696 min
Delta R.T.: -0.020 min
Response: 573651
Conc: 24.11 ng/ml



#12 AR-1232-2

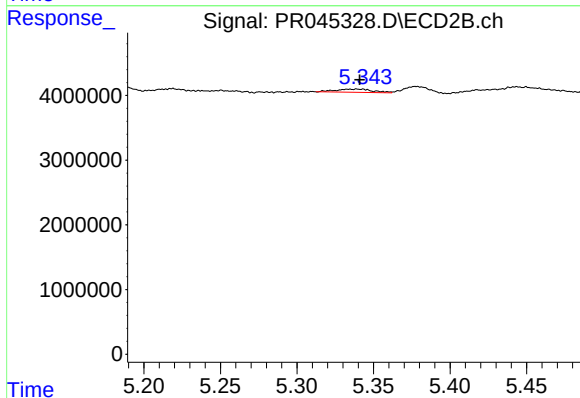
R.T.: 5.161 min
Delta R.T.: -0.001 min
Response: 1059234
Conc: 3.56 ng/ml



#13 AR-1232-3

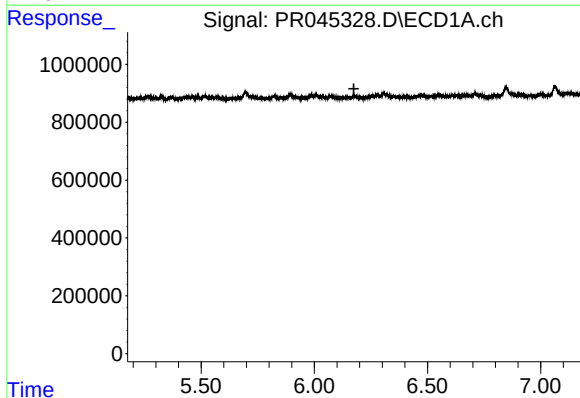
R.T.: 0.000 min
Exp R.T.: 6.009 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



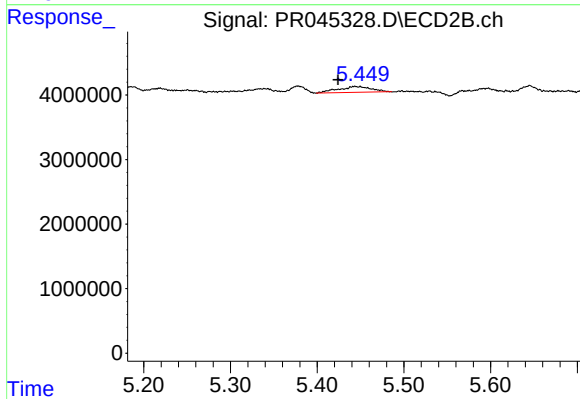
#13 AR-1232-3

R.T.: 5.340 min
Delta R.T.: -0.001 min
Response: 836382
Conc: 5.34 ng/ml



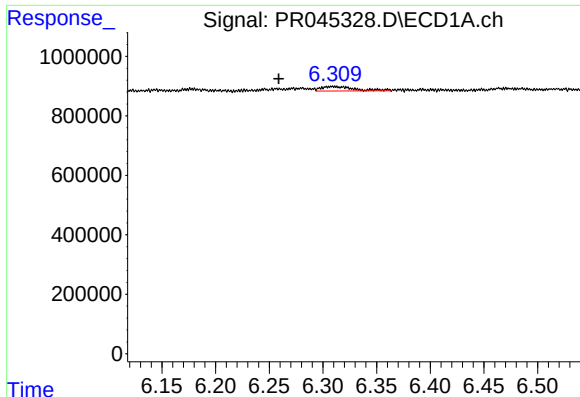
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.175 min
Response: 0
Conc: N.D.



#14 AR-1232-4

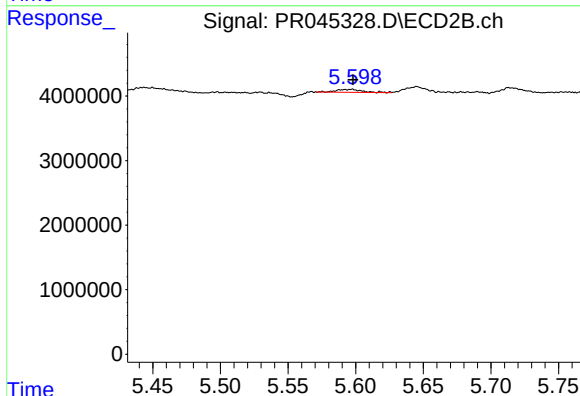
R.T.: 5.444 min
Delta R.T.: 0.020 min
Response: 2404090
Conc: 17.53 ng/ml



#15 AR-1232-5

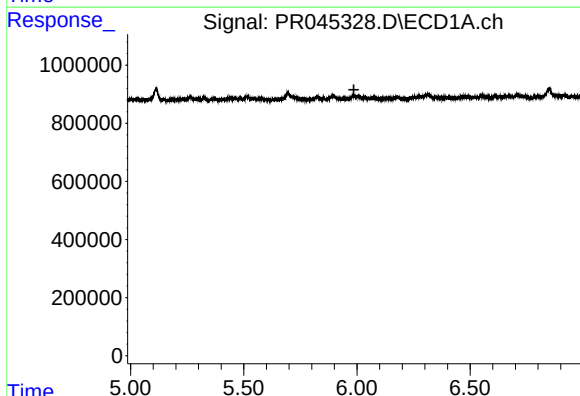
R.T.: 6.309 min
Delta R.T.: 0.050 min
Response: 319260
Conc: 18.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



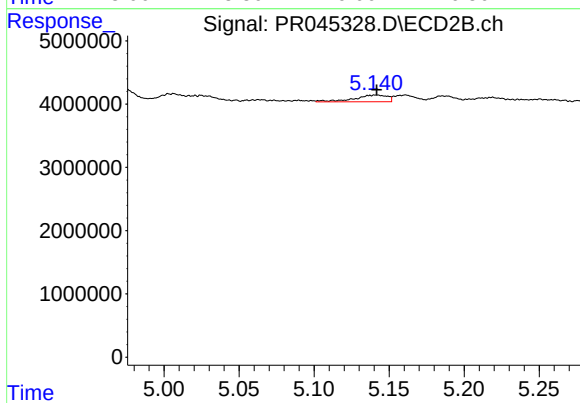
#15 AR-1232-5

R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 581645
Conc: 3.91 ng/ml



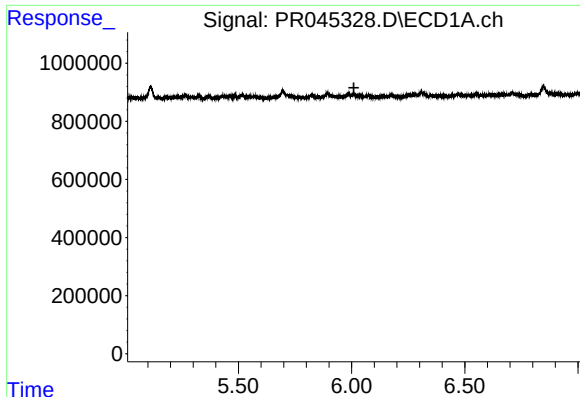
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.986 min
Response: 0
Conc: N.D.



#16 AR-1242-1

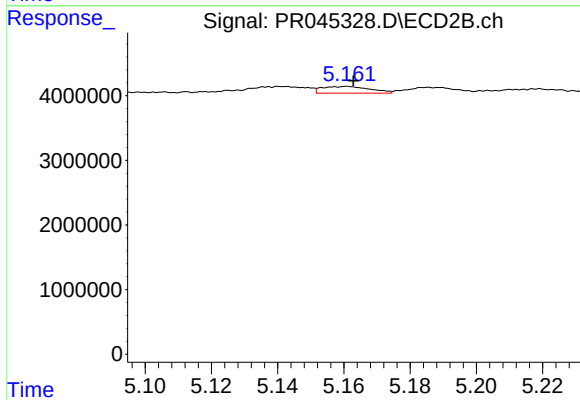
R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 1612372
Conc: 4.45 ng/ml



#17 AR-1242-2

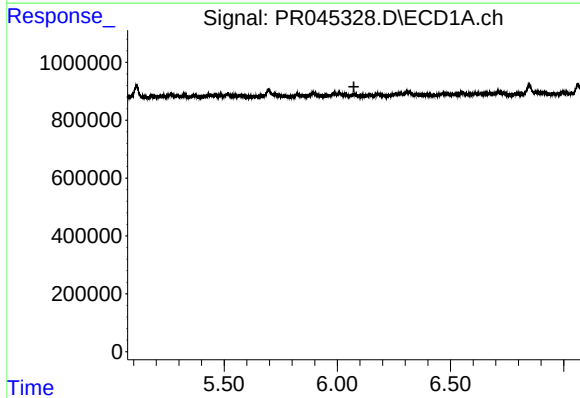
R.T.: 0.000 min
Exp R.T.: 6.010 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



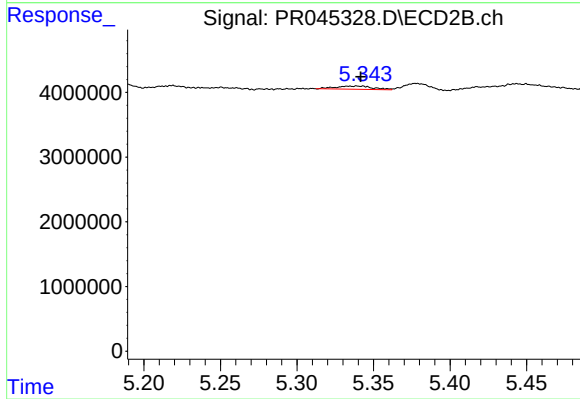
#17 AR-1242-2

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 1059234
Conc: 2.17 ng/ml



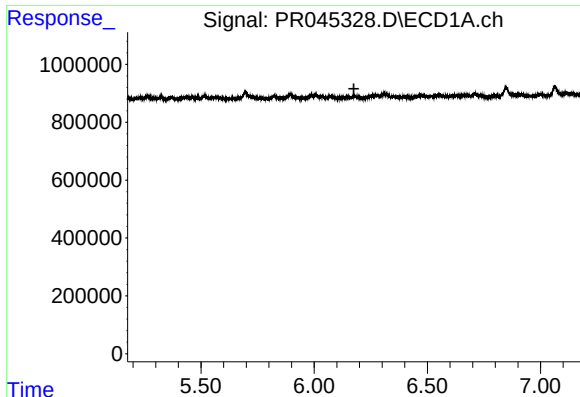
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.073 min
Response: 0
Conc: N.D.



#18 AR-1242-3

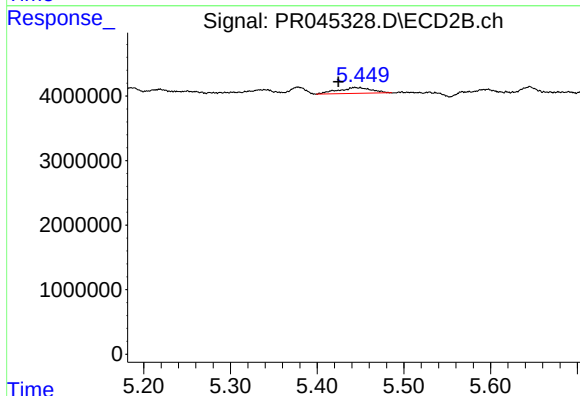
R.T.: 5.340 min
Delta R.T.: -0.002 min
Response: 836382
Conc: 3.18 ng/ml



#19 AR-1242-4

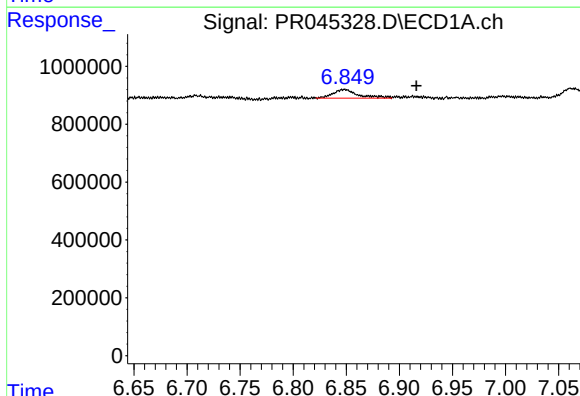
R.T.: 0.000 min
Exp R.T.: 6.175 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



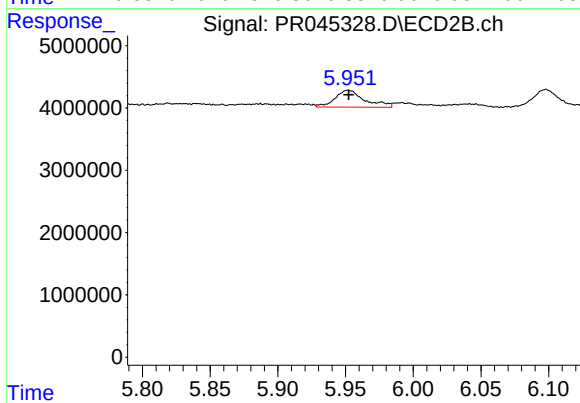
#19 AR-1242-4

R.T.: 5.444 min
Delta R.T.: 0.019 min
Response: 2404090
Conc: 9.54 ng/ml



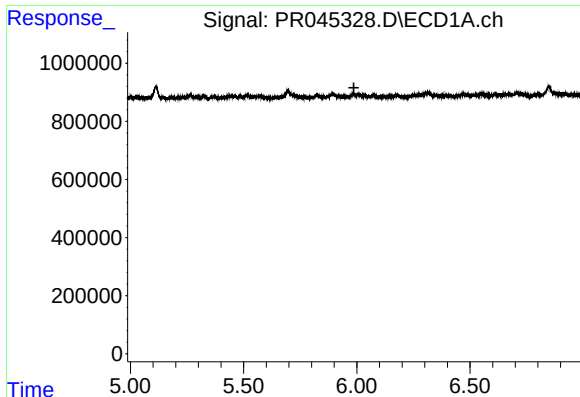
#20 AR-1242-5

R.T.: 6.849 min
Delta R.T.: -0.067 min
Response: 496746
Conc: 11.95 ng/ml



#20 AR-1242-5

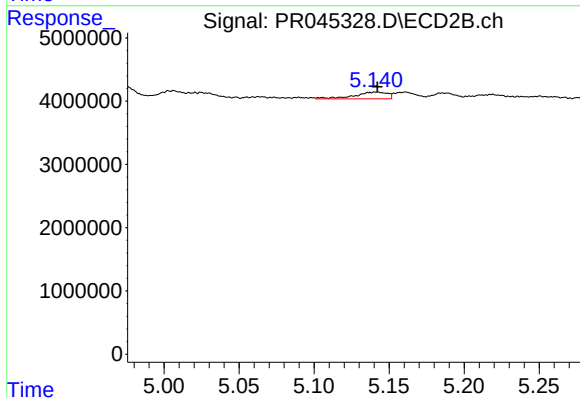
R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 4171718
Conc: 12.73 ng/ml



#21 AR-1248-1

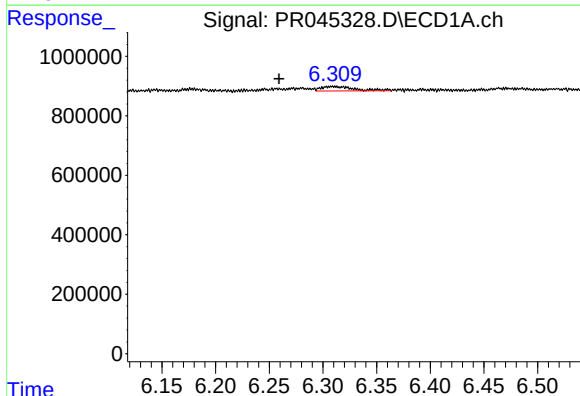
R.T.: 0.000 min
Exp R.T.: 5.987 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



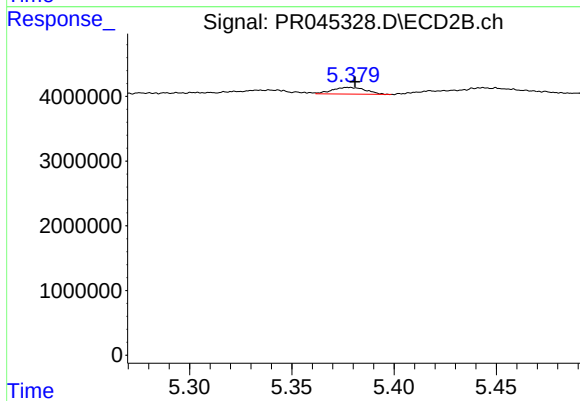
#21 AR-1248-1

R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 1612372
Conc: 3.36 ng/ml



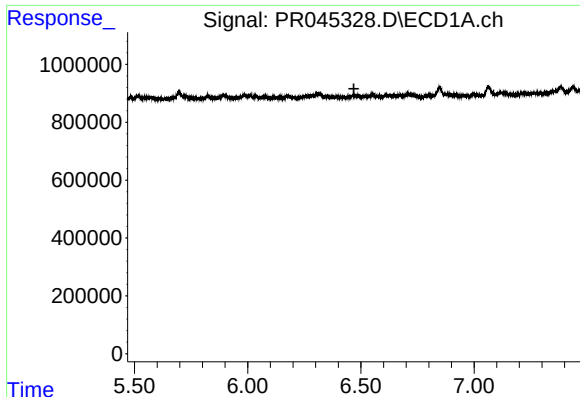
#22 AR-1248-2

R.T.: 6.309 min
Delta R.T.: 0.050 min
Response: 319260
Conc: 3.47 ng/ml



#22 AR-1248-2

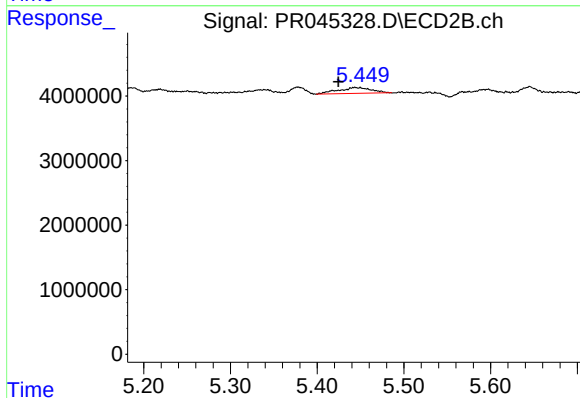
R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 1173214
Conc: 1.97 ng/ml



#23 AR-1248-3

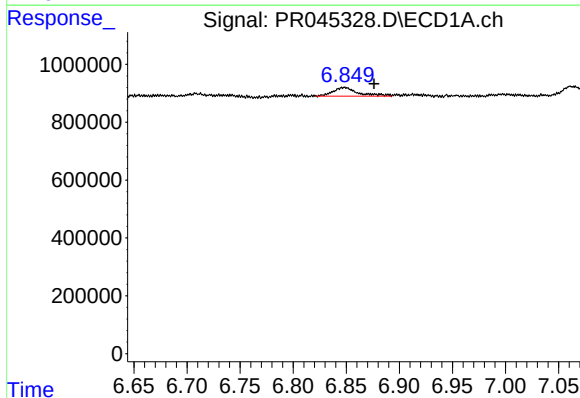
R.T.: 0.000 min
Exp R.T.: 6.469 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



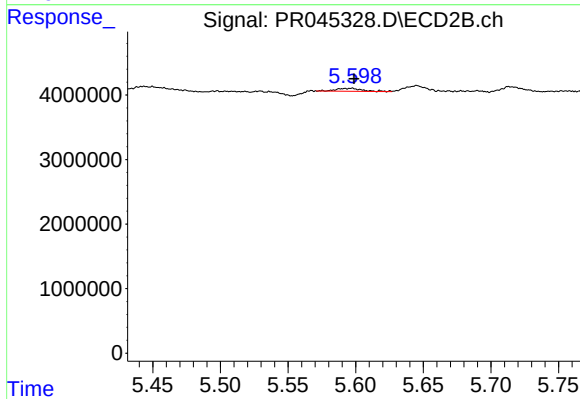
#23 AR-1248-3

R.T.: 5.444 min
Delta R.T.: 0.019 min
Response: 2404090
Conc: 3.94 ng/ml



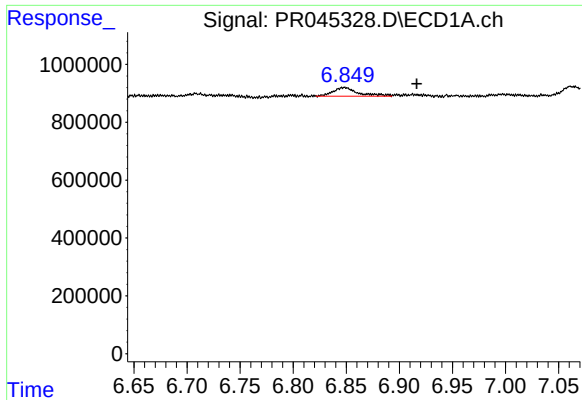
#24 AR-1248-4

R.T.: 6.849 min
Delta R.T.: -0.028 min
Response: 496746
Conc: 4.06 ng/ml



#24 AR-1248-4

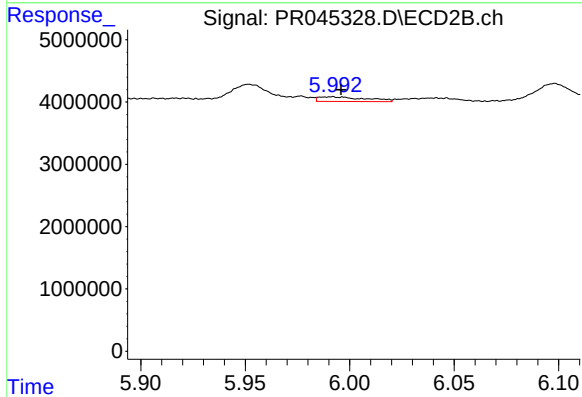
R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 581645
Conc: 0.77 ng/ml



#25 AR-1248-5

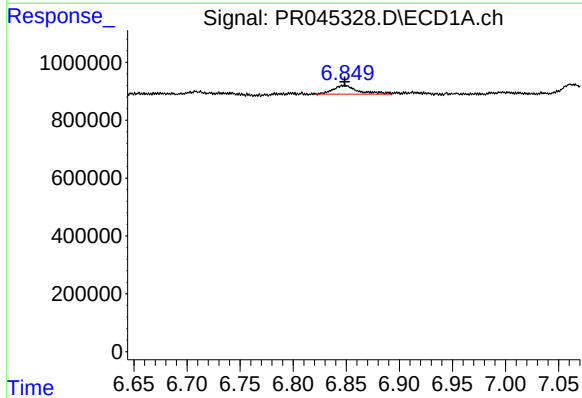
R.T.: 6.849 min
Delta R.T.: -0.068 min
Response: 496746
Conc: 4.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



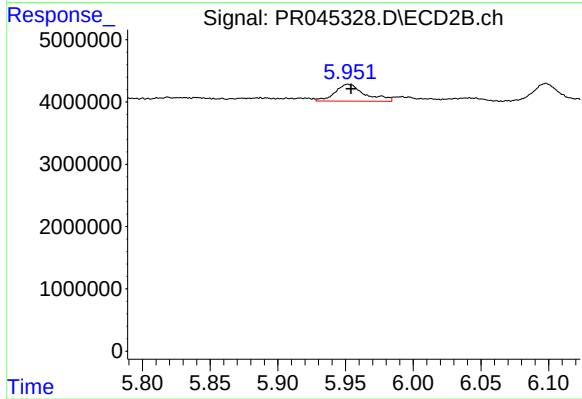
#25 AR-1248-5

R.T.: 5.991 min
Delta R.T.: -0.005 min
Response: 1185870
Conc: 1.55 ng/ml



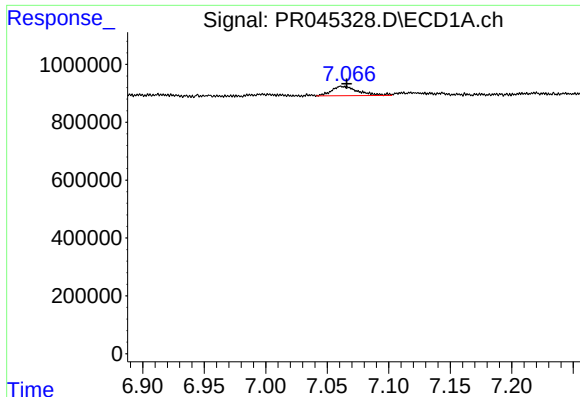
#26 AR-1254-1

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 496746
Conc: 7.52 ng/ml



#26 AR-1254-1

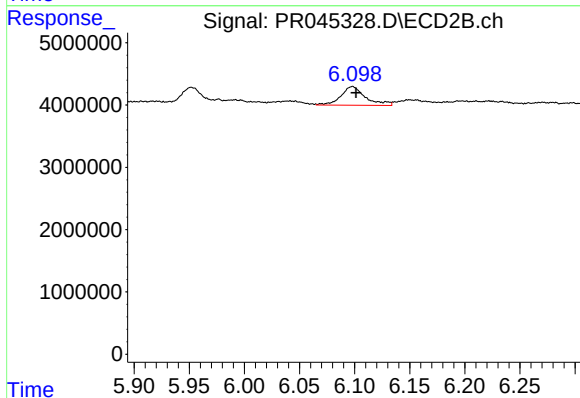
R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 4171718
Conc: 6.56 ng/ml



#27 AR-1254-2

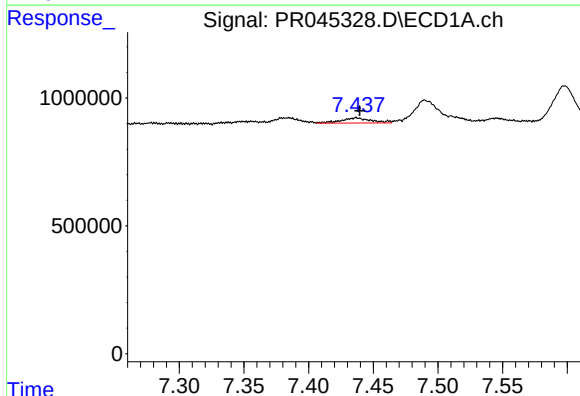
R.T.: 7.061 min
Delta R.T.: -0.004 min
Response: 490575
Conc: 4.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



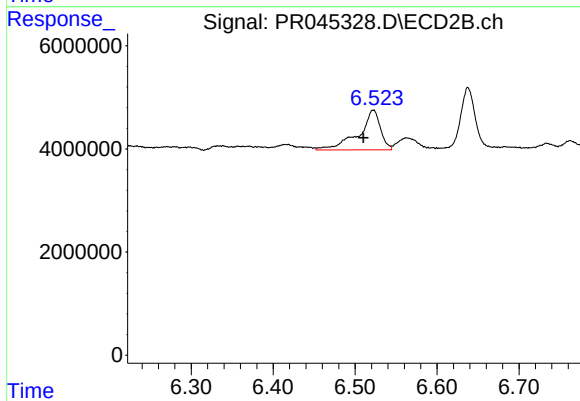
#27 AR-1254-2

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 4652859
Conc: 8.51 ng/ml



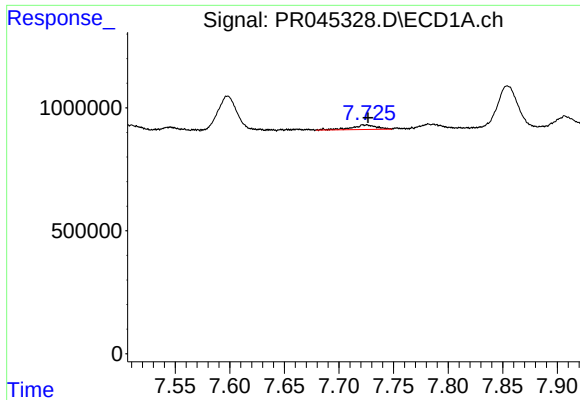
#28 AR-1254-3

R.T.: 7.437 min
Delta R.T.: -0.002 min
Response: 327497
Conc: 2.90 ng/ml



#28 AR-1254-3

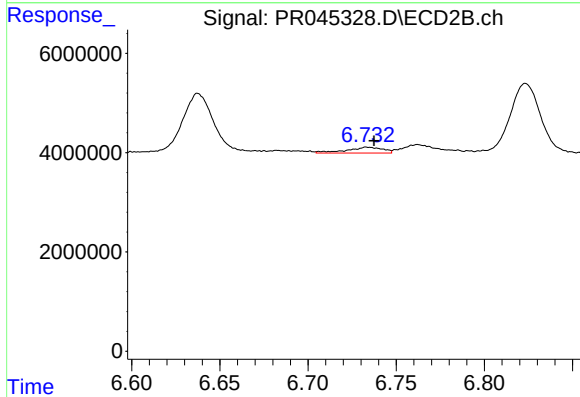
R.T.: 6.522 min
Delta R.T.: 0.012 min
Response: 14337769
Conc: 15.68 ng/ml



#29 AR-1254-4

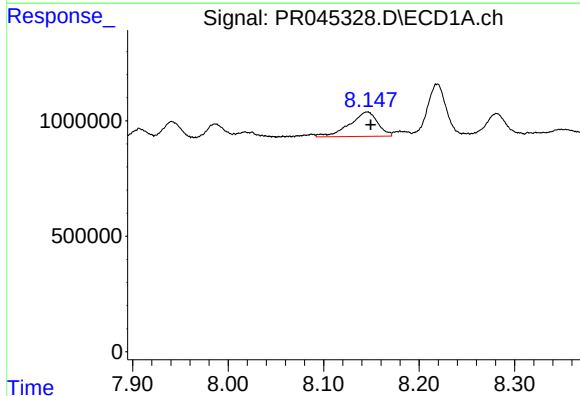
R.T.: 7.725 min
Delta R.T.: -0.001 min
Response: 293592
Conc: 3.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



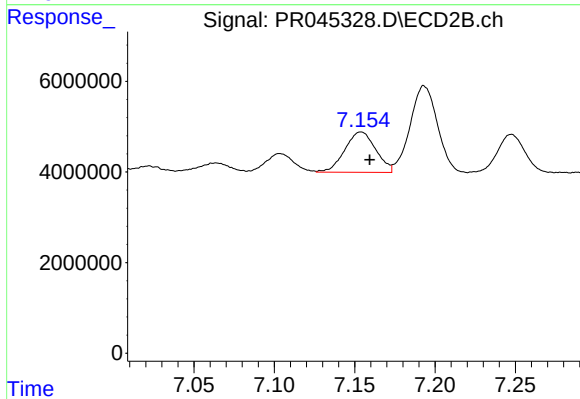
#29 AR-1254-4

R.T.: 6.734 min
Delta R.T.: -0.004 min
Response: 1681517
Conc: 2.85 ng/ml



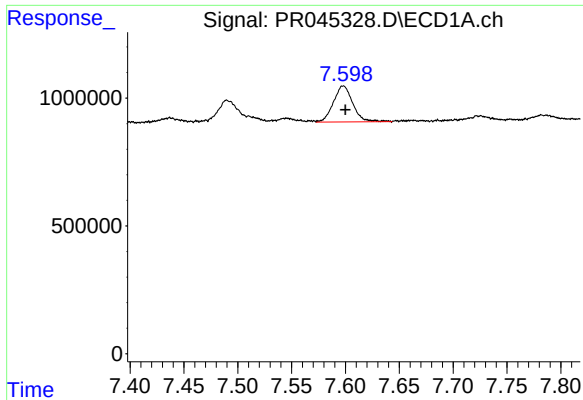
#30 AR-1254-5

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 2168340
Conc: 22.69 ng/ml



#30 AR-1254-5

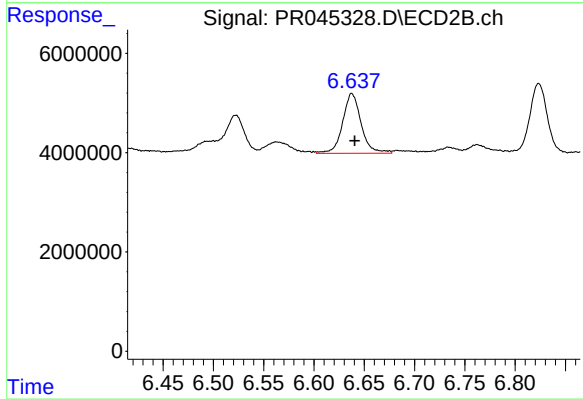
R.T.: 7.154 min
Delta R.T.: -0.006 min
Response: 11952507
Conc: 15.15 ng/ml



#31 AR-1260-1

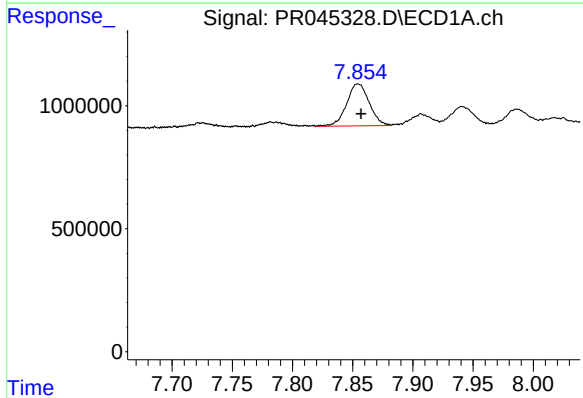
R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 1763172
Conc: 19.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



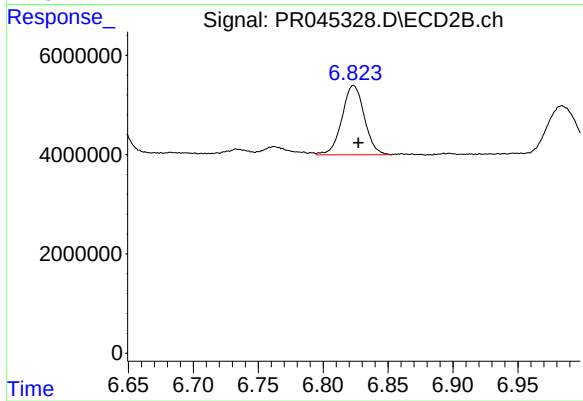
#31 AR-1260-1

R.T.: 6.638 min
Delta R.T.: -0.003 min
Response: 15417933
Conc: 24.20 ng/ml



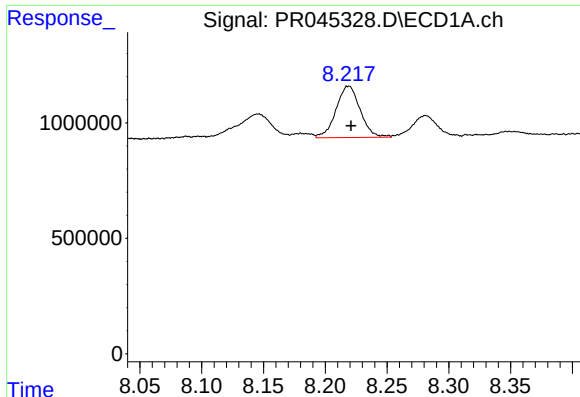
#32 AR-1260-2

R.T.: 7.854 min
Delta R.T.: -0.002 min
Response: 2227767
Conc: 19.84 ng/ml



#32 AR-1260-2

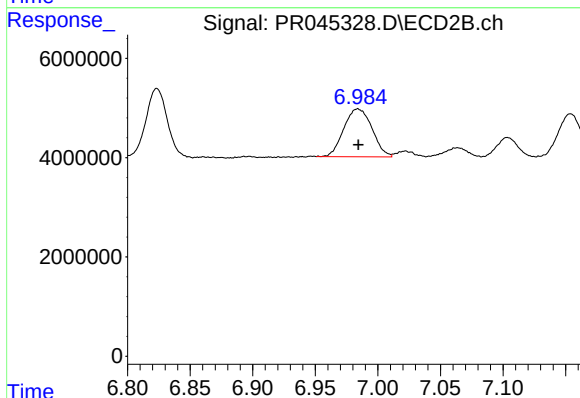
R.T.: 6.823 min
Delta R.T.: -0.004 min
Response: 16770128
Conc: 22.13 ng/ml



#33 AR-1260-3

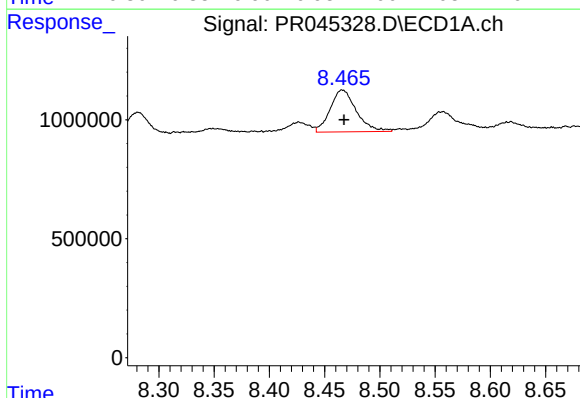
R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 3027420
Conc: 34.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



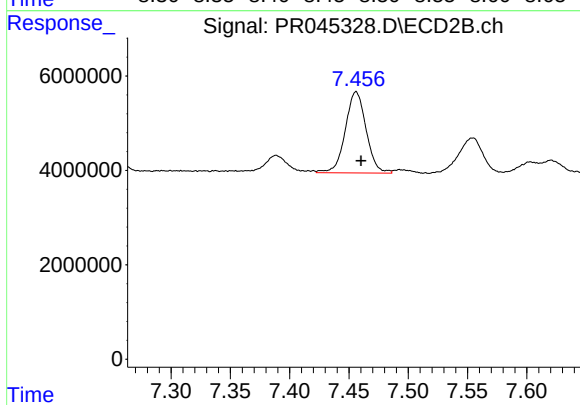
#33 AR-1260-3

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 15150504
Conc: 21.17 ng/ml



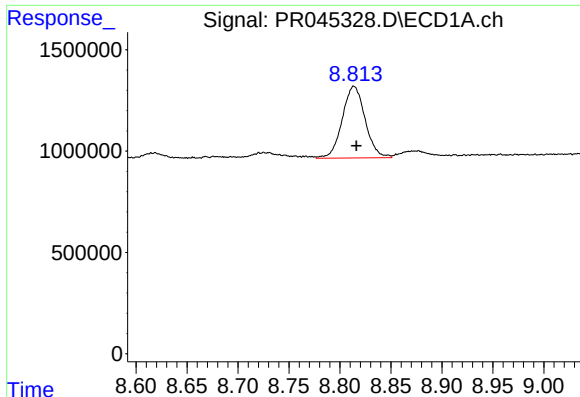
#34 AR-1260-4

R.T.: 8.466 min
Delta R.T.: -0.001 min
Response: 2910014
Conc: 28.22 ng/ml



#34 AR-1260-4

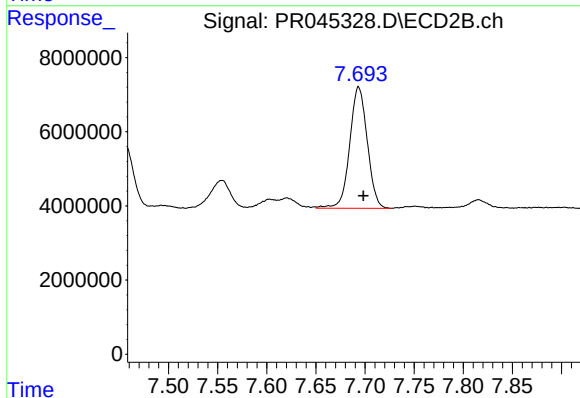
R.T.: 7.456 min
Delta R.T.: -0.004 min
Response: 21034015
Conc: 35.14 ng/ml



#35 AR-1260-5

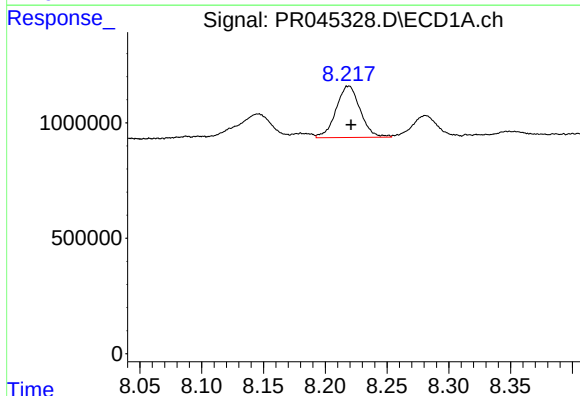
R.T.: 8.814 min
Delta R.T.: -0.003 min
Response: 5531449
Conc: 26.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



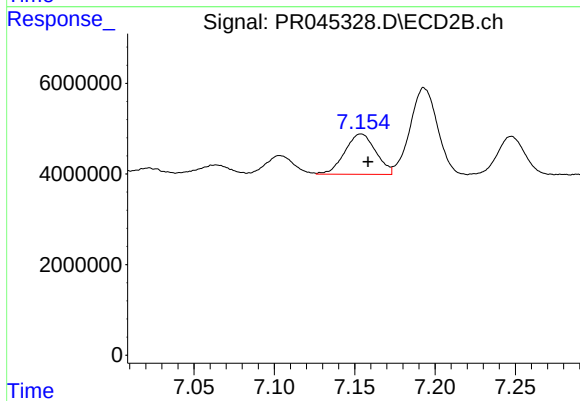
#35 AR-1260-5

R.T.: 7.694 min
Delta R.T.: -0.005 min
Response: 40727767
Conc: 28.22 ng/ml



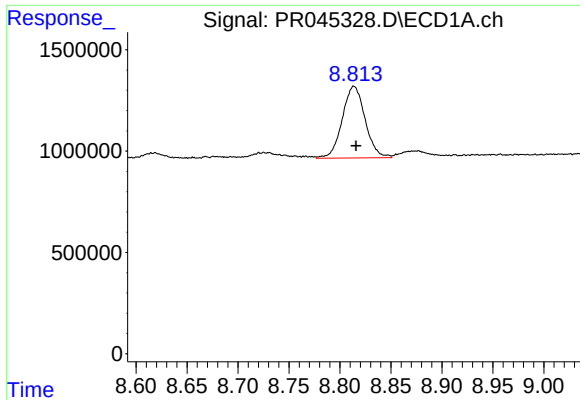
#36 AR-1262-1

R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 3027420
Conc: 25.60 ng/ml



#36 AR-1262-1

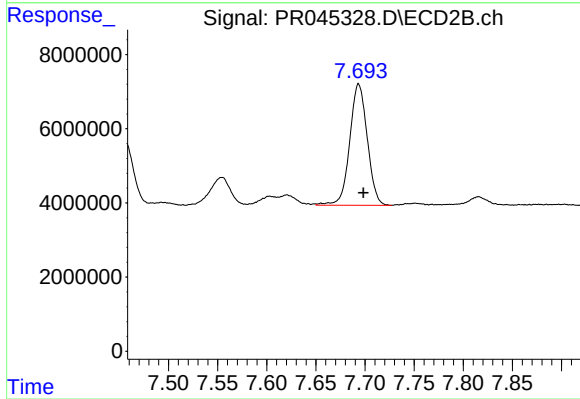
R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 11952507
Conc: 26.98 ng/ml



#37 AR-1262-2

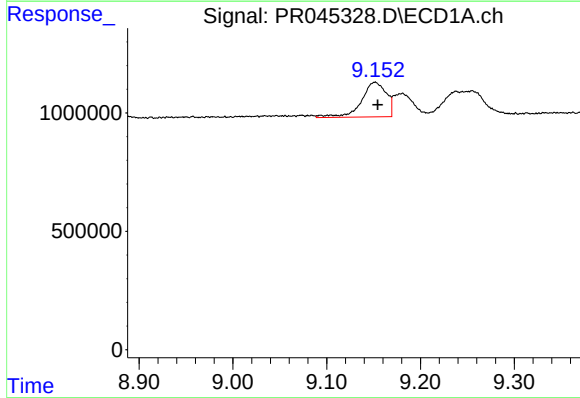
R.T.: 8.814 min
Delta R.T.: -0.002 min
Response: 5531449
Conc: 24.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



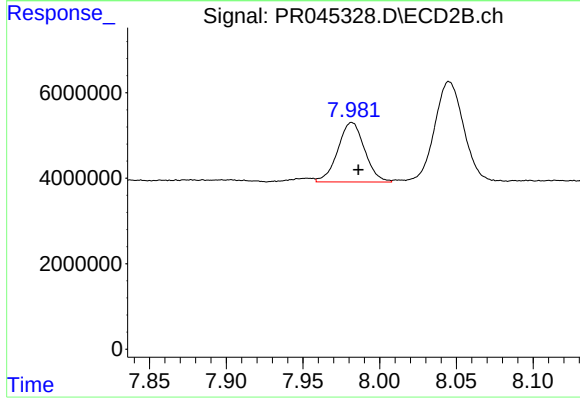
#37 AR-1262-2

R.T.: 7.694 min
Delta R.T.: -0.005 min
Response: 40727767
Conc: 26.05 ng/ml



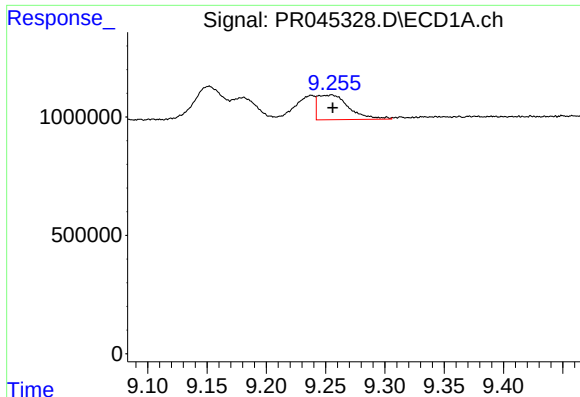
#38 AR-1262-3

R.T.: 9.152 min
Delta R.T.: -0.003 min
Response: 2711663
Conc: 28.03 ng/ml



#38 AR-1262-3

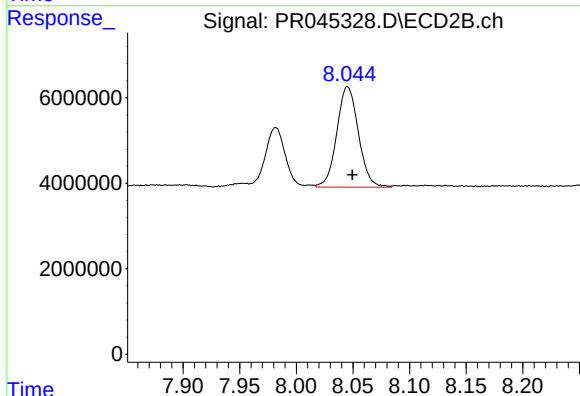
R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 16914367
Conc: 29.05 ng/ml



#39 AR-1262-4

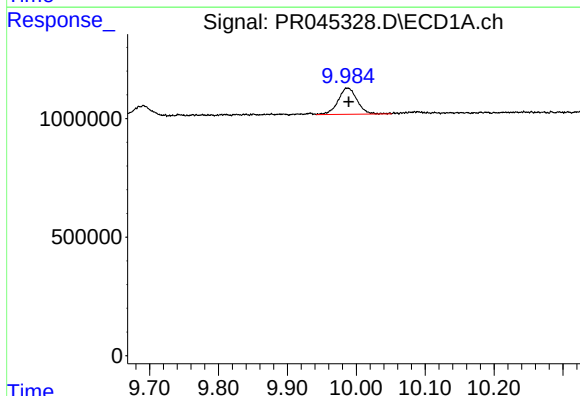
R.T.: 9.255 min
Delta R.T.: 0.000 min
Response: 1905587
Conc: 16.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



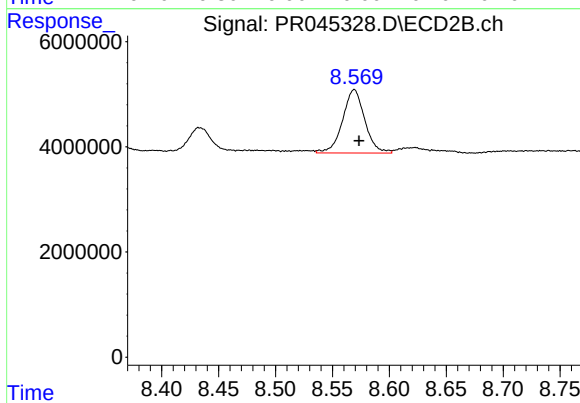
#39 AR-1262-4

R.T.: 8.045 min
Delta R.T.: -0.004 min
Response: 31280927
Conc: 27.98 ng/ml



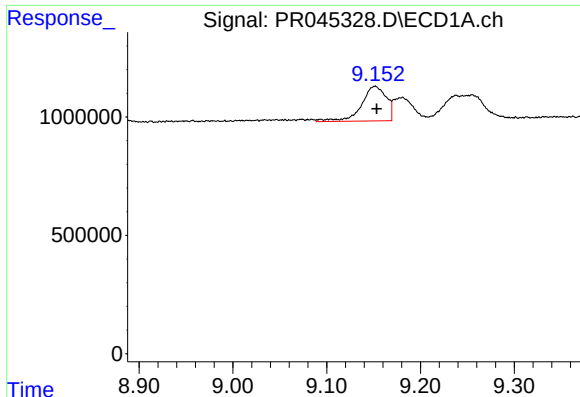
#40 AR-1262-5

R.T.: 9.987 min
Delta R.T.: -0.002 min
Response: 2128186
Conc: 25.78 ng/ml



#40 AR-1262-5

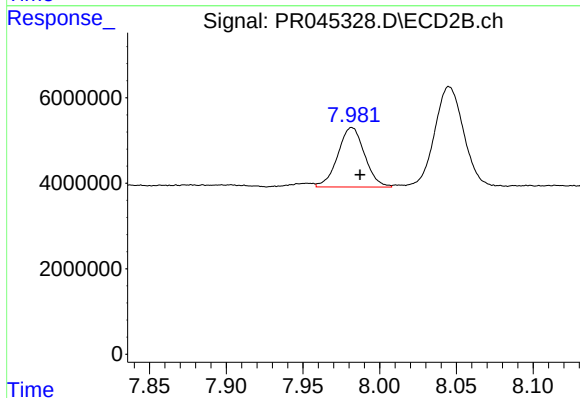
R.T.: 8.569 min
Delta R.T.: -0.004 min
Response: 16343183
Conc: 31.39 ng/ml



#41 AR-1268-1

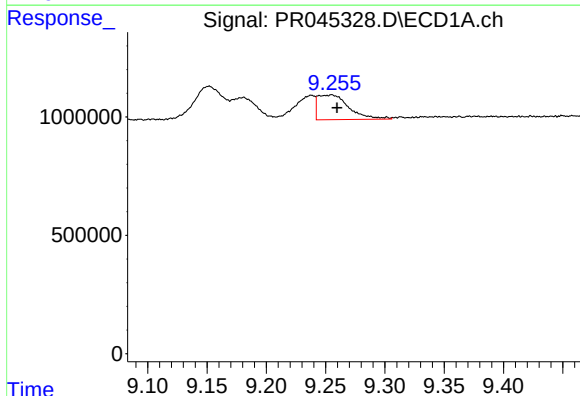
R.T.: 9.152 min
Delta R.T.: -0.002 min
Response: 2711663
Conc: 10.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



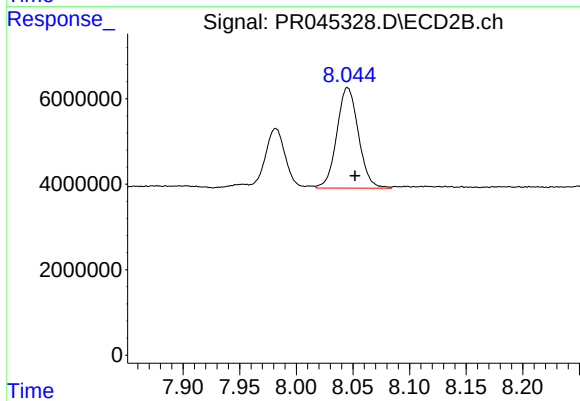
#41 AR-1268-1

R.T.: 7.982 min
Delta R.T.: -0.005 min
Response: 16914367
Conc: 9.91 ng/ml



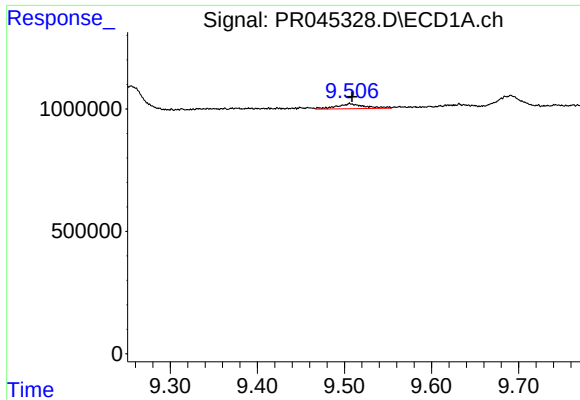
#42 AR-1268-2

R.T.: 9.255 min
Delta R.T.: -0.005 min
Response: 1905587
Conc: 7.88 ng/ml



#42 AR-1268-2

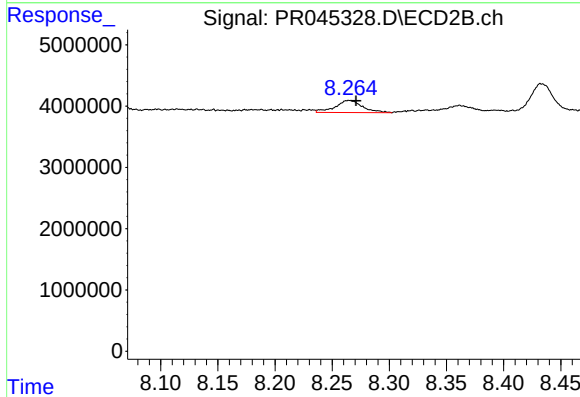
R.T.: 8.045 min
Delta R.T.: -0.007 min
Response: 31280927
Conc: 19.61 ng/ml



#43 AR-1268-3

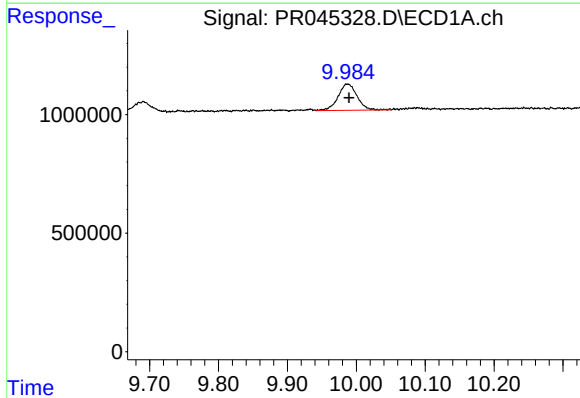
R.T.: 9.506 min
Delta R.T.: -0.002 min
Response: 465971
Conc: 2.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



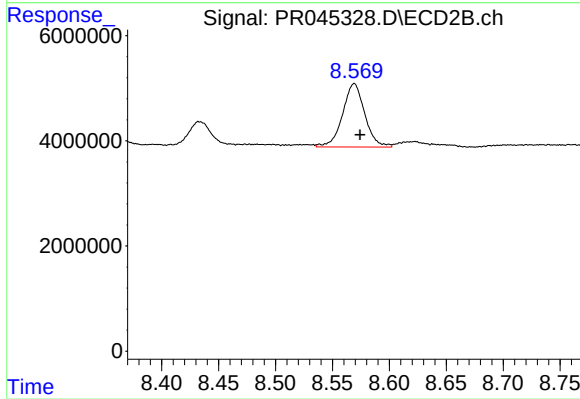
#43 AR-1268-3

R.T.: 8.265 min
Delta R.T.: -0.006 min
Response: 3285867
Conc: 2.53 ng/ml



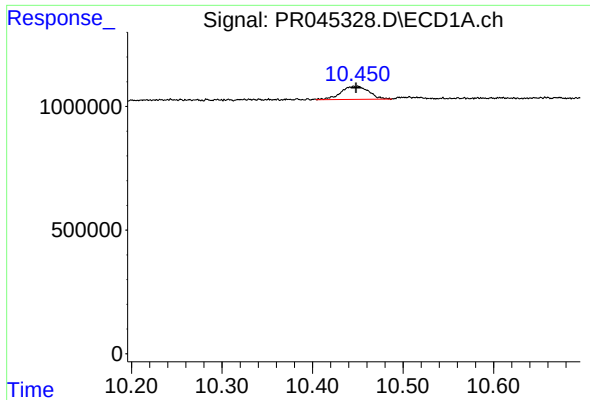
#44 AR-1268-4

R.T.: 9.987 min
Delta R.T.: -0.002 min
Response: 2128186
Conc: 21.90 ng/ml



#44 AR-1268-4

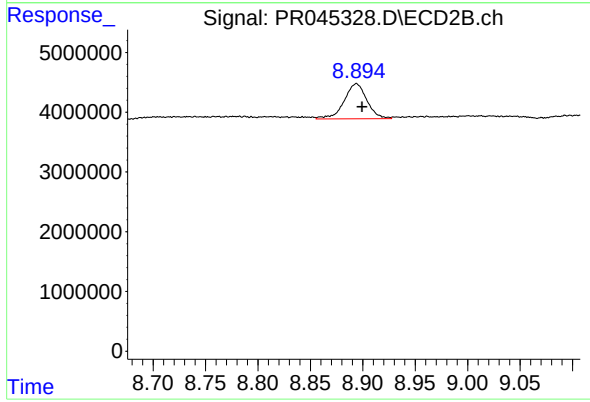
R.T.: 8.569 min
Delta R.T.: -0.005 min
Response: 16343183
Conc: 28.03 ng/ml



#45 AR-1268-5

R.T.: 10.446 min
Delta R.T.: -0.002 min
Response: 1137308
Conc: 1.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.894 min
Delta R.T.: -0.006 min
Response: 8878896
Conc: 2.11 ng/ml