

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028982.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 13:37
 Operator : UA/SM
 Sample : J2963-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 05:39:15 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 2018
 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...	4.605	3.770	1594.4E6	241.1E6	19.294	26.963 #
2)	SA Decachlor...	10.342	8.712	599.2E6	102.7E6	9.829	8.844
Target Compounds							
3)	L1 AR-1016-1	0.000	4.623	0	9373531	N.D.	38.399 #
4)	L1 AR-1016-2	0.000	5.025	0	1186670	N.D.	4.330 #
5)	L1 AR-1016-3	0.000	5.073	0	7304171	N.D.	34.221 #
6)	L1 AR-1016-4	0.000	5.118	0	2912997	N.D.	11.150 #
7)	L1 AR-1016-5	0.000	5.281	0	1257804	N.D.	4.350 #
8)	L2 AR-1221-1	0.000	3.974	0	3328980	N.D.	16.664 #
9)	L2 AR-1221-2	0.000	4.068	0	13711456	N.D.	92.007 #
10)	L2 AR-1221-3	0.000	4.137	0	4436599	N.D.	9.660 #
11)	L3 AR-1232-1	0.000	4.137	0	4436599	N.D.	21.116 #
12)	L3 AR-1232-2	0.000	4.915	0	3746809	N.D.	20.197 #
13)	L3 AR-1232-3	0.000	5.025	0	1186670	N.D.	8.558 #
14)	L3 AR-1232-4	0.000	5.281	0	1257804	N.D.	8.563 #
15)	L3 AR-1232-5	0.000	5.630	0	6136923	N.D.	37.585 #
16)	L4 AR-1242-1	0.000	4.623	0	9373531	N.D.	48.222 #
17)	L4 AR-1242-2	0.000	4.853	0	9009821	N.D.	19.800 #
18)	L4 AR-1242-3	0.000	5.025	0	1186670	N.D.	5.715 #
19)	L4 AR-1242-4	0.000	5.118	0	2912997	N.D.	14.422 #
20)	L4 AR-1242-5	0.000	5.281	0	1257804	N.D.	5.556 #
21)	L5 AR-1248-1	0.000	5.073	0	7304171	N.D.	24.742 #
22)	L5 AR-1248-2	0.000	5.118	0	2912997	N.D.	9.461 #
23)	L5 AR-1248-3	0.000	5.281	0	1257804	N.D.	3.222 #
24)	L5 AR-1248-4	0.000	5.630	0	6136923	N.D.	10.929 #
25)	L5 AR-1248-5	6.810	5.672	157.1E6	1892147	42.898	4.583 #
26)	L6 AR-1254-1	0.000	5.630	0	6136923	N.D.	11.443 #
27)	L6 AR-1254-2	6.810	5.796	157.1E6	32657656	29.431	71.218 #
28)	L6 AR-1254-3	7.184	6.189	128.9E6	33417604	21.650	42.174 #
29)	L6 AR-1254-4	7.500	6.394	141.6E6	7286692	30.294	13.377 #
30)	L6 AR-1254-5	0.000	6.635	0	9645673	N.D.	27.874 #
31)	L7 AR-1260-1	0.000	6.300	0	8511240	N.D.	13.801 #
32)	L7 AR-1260-2	7.578	6.635	738.2E6	9645673	121.528	13.619 #
33)	L7 AR-1260-3	7.890	7.100	350.7E6	3622995	56.363	6.112 #
34)	L7 AR-1260-4	0.000	7.338	0	7135582	N.D.	4.879 #
35)	L7 AR-1260-5	0.000	7.681	0	3730522	N.D.	3.551 #
36)	L8 AR-1262-1	0.000	6.300	0	8511240	N.D.	16.998 #
37)	L8 AR-1262-2	7.578	6.487	738.2E6	21715604	141.071	34.034 #
38)	L8 AR-1262-3	7.890	6.833	350.7E6	12000261	44.073	13.240 #
39)	L8 AR-1262-4	0.000	7.100	0	3622995	N.D.	4.556 #
40)	L8 AR-1262-5	0.000	7.338	0	7135582	N.D.	4.249 #
42)	L9 AR-1268-2	0.000	7.681	0	3730522	N.D.	2.105 #

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 Acq On : 20 May 2018 13:37
 Operator : UA/SM
 Sample : J2963-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

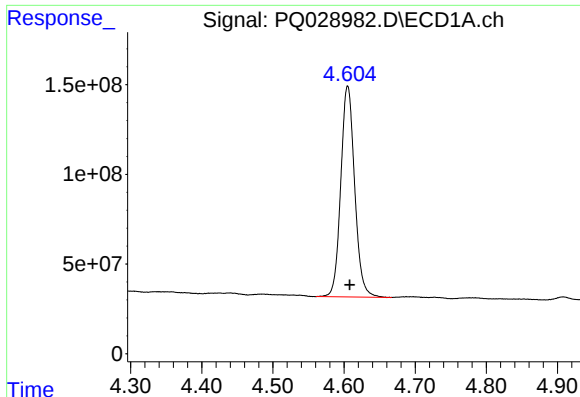
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 05:39:15 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	0.000	7.879	0	3259637	N.D.	2.367 #
44) L9	AR-1268-4	0.000	8.174	0	1893086	N.D.	3.009 #
45) L9	AR-1268-5	0.000	8.461	0	1836937	N.D.	0.418 #

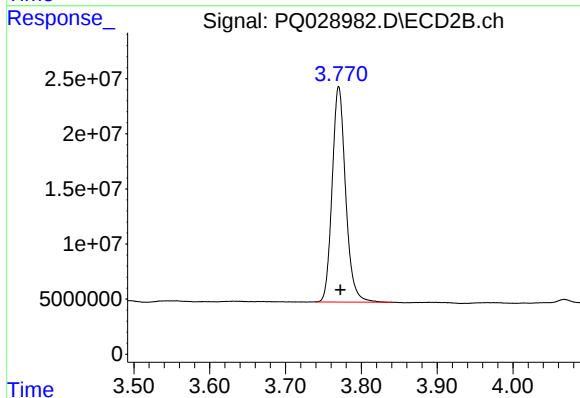
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

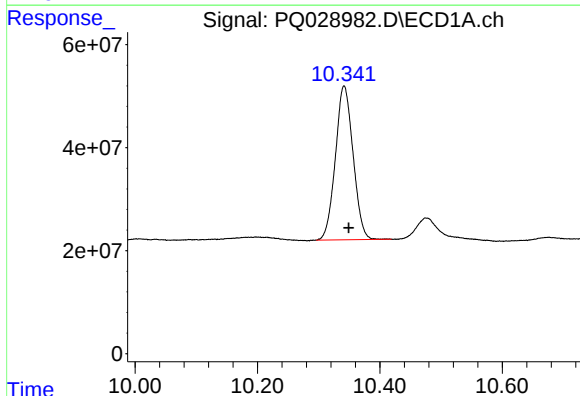
R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 1594419871
Conc: 19.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



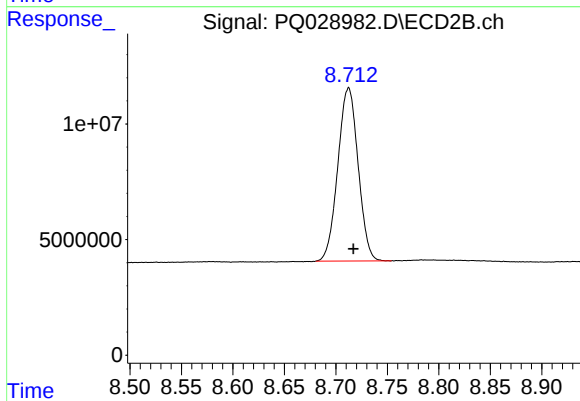
#1 Tetrachloro-m-xylene

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 241090727
Conc: 26.96 ng/ml



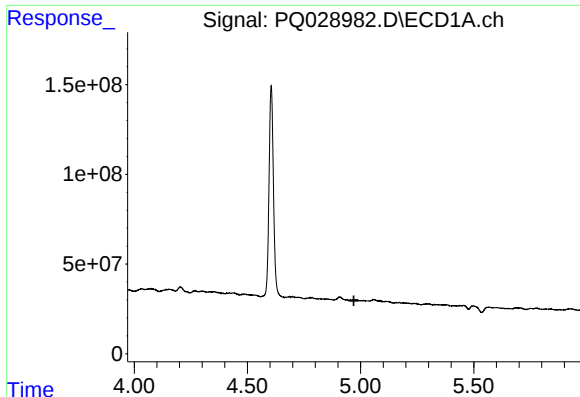
#2 Decachlorobiphenyl

R.T.: 10.342 min
Delta R.T.: -0.007 min
Response: 599235957
Conc: 9.83 ng/ml



#2 Decachlorobiphenyl

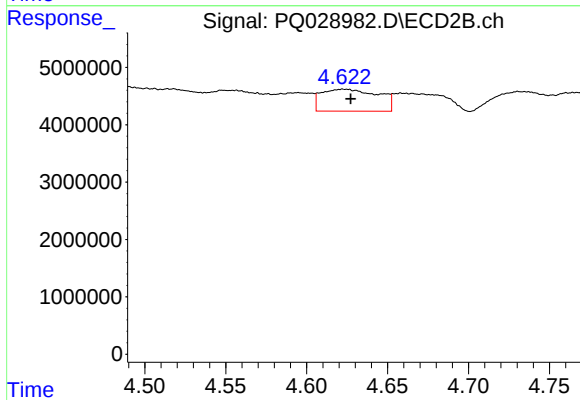
R.T.: 8.712 min
Delta R.T.: -0.005 min
Response: 102701044
Conc: 8.84 ng/ml



#3 AR-1016-1

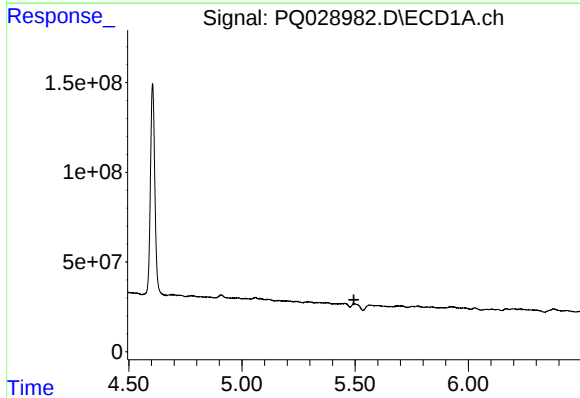
R.T.: 0.000 min
Exp R.T.: 4.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



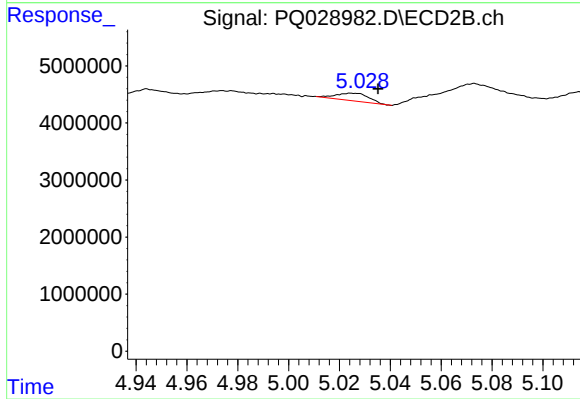
#3 AR-1016-1

R.T.: 4.623 min
Delta R.T.: -0.004 min
Response: 9373531
Conc: 38.40 ng/ml



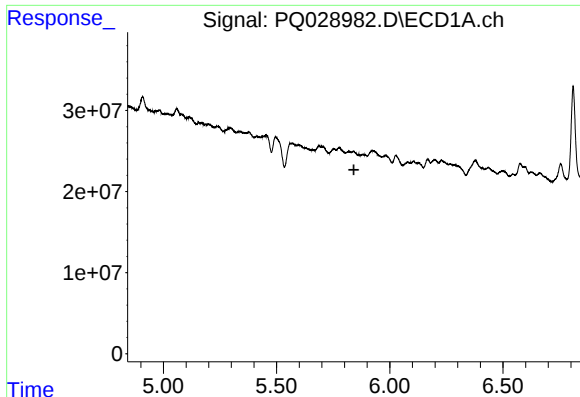
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.494 min
Response: 0
Conc: N.D.



#4 AR-1016-2

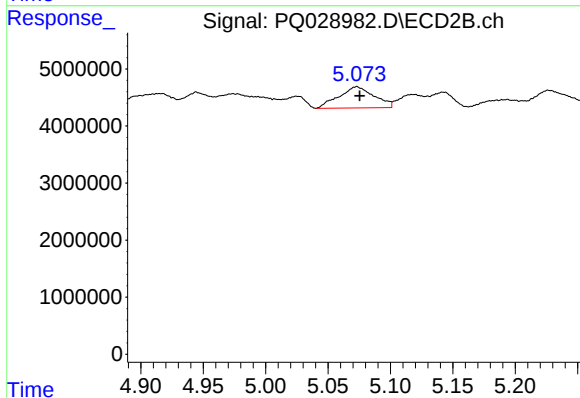
R.T.: 5.025 min
Delta R.T.: -0.010 min
Response: 1186670
Conc: 4.33 ng/ml



#5 AR-1016-3

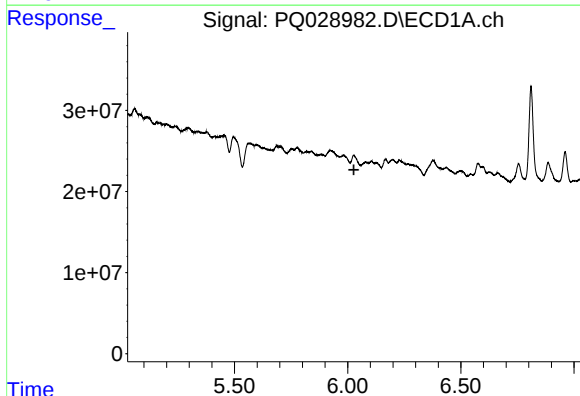
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



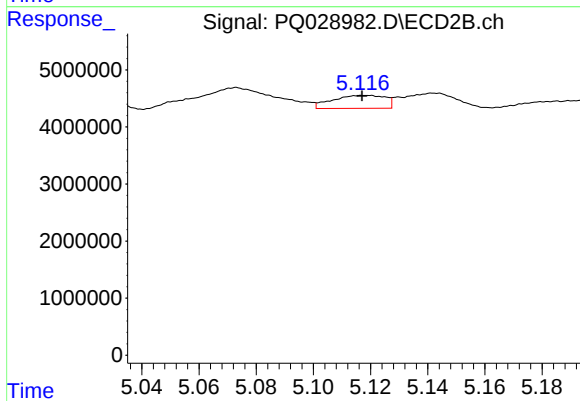
#5 AR-1016-3

R.T.: 5.073 min
Delta R.T.: -0.003 min
Response: 7304171
Conc: 34.22 ng/ml



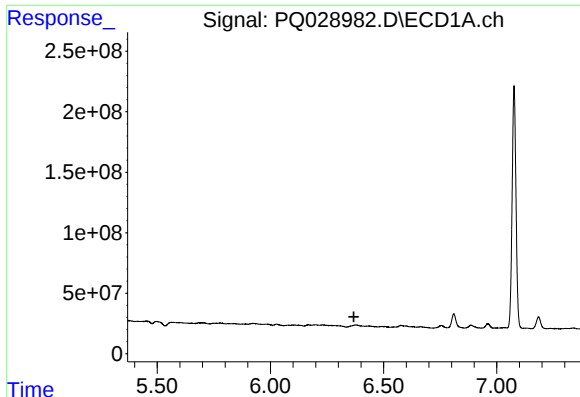
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.



#6 AR-1016-4

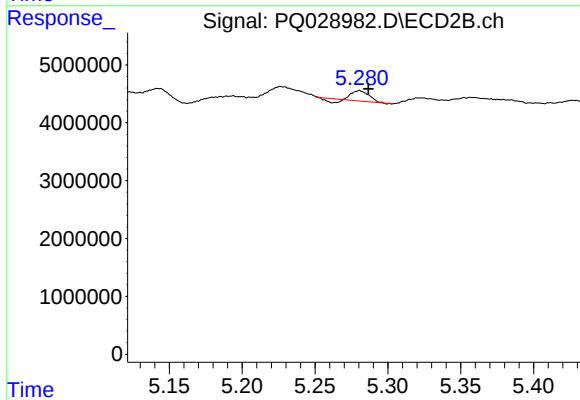
R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 2912997
Conc: 11.15 ng/ml



#7 AR-1016-5

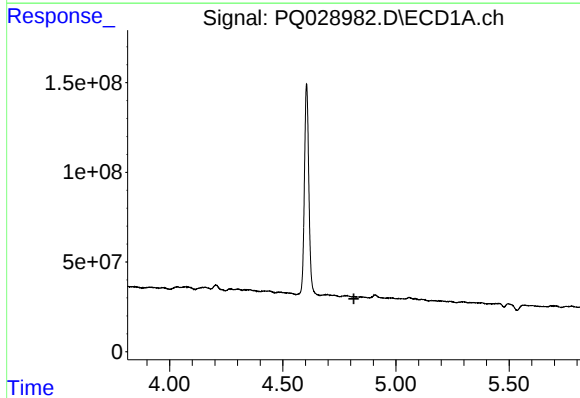
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



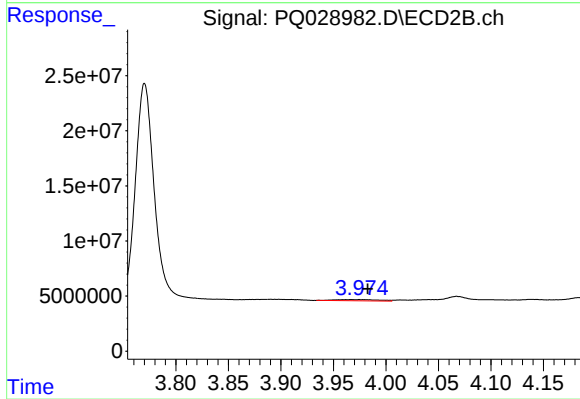
#7 AR-1016-5

R.T.: 5.281 min
Delta R.T.: -0.006 min
Response: 1257804
Conc: 4.35 ng/ml



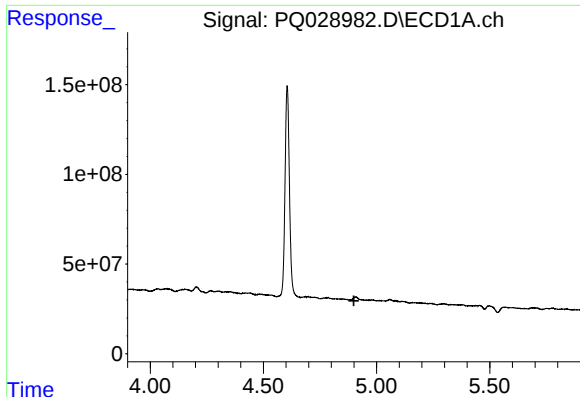
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.814 min
Response: 0
Conc: N.D.



#8 AR-1221-1

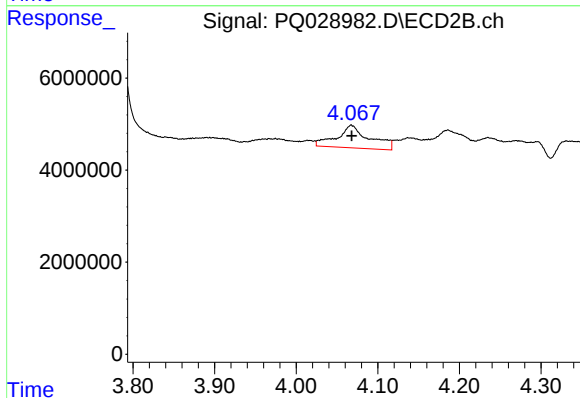
R.T.: 3.974 min
Delta R.T.: -0.008 min
Response: 3328980
Conc: 16.66 ng/ml



#9 AR-1221-2

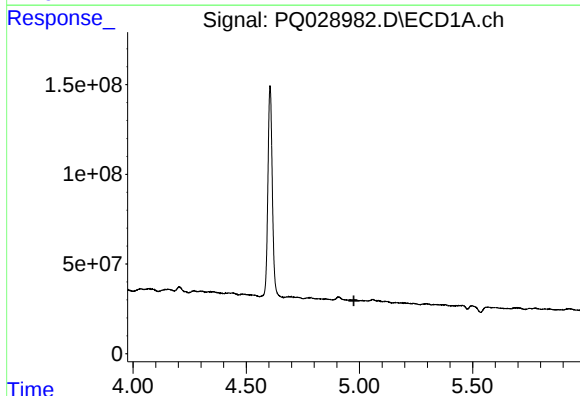
R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



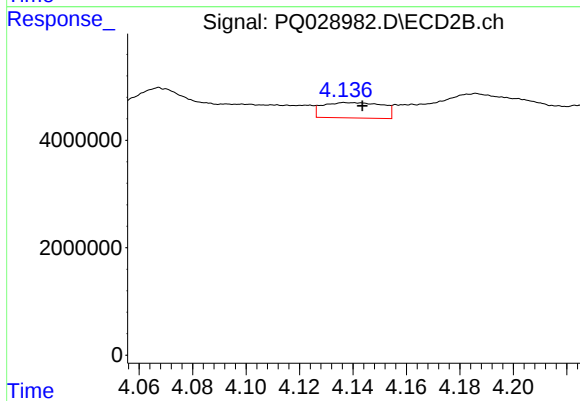
#9 AR-1221-2

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 13711456
Conc: 92.01 ng/ml



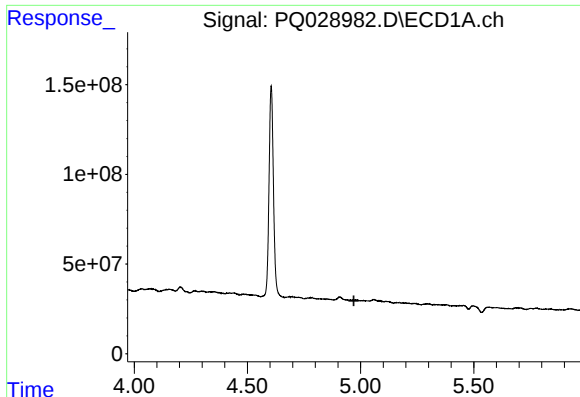
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.976 min
Response: 0
Conc: N.D.



#10 AR-1221-3

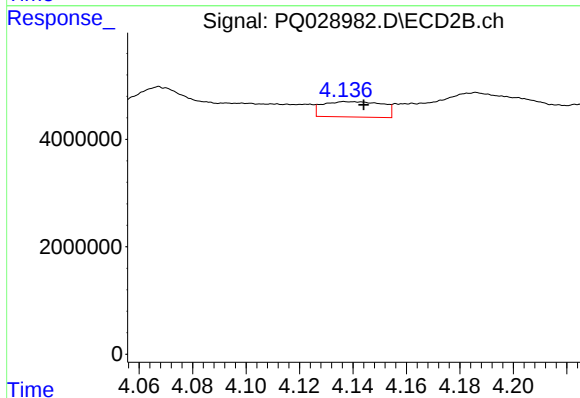
R.T.: 4.137 min
Delta R.T.: -0.006 min
Response: 4436599
Conc: 9.66 ng/ml



#11 AR-1232-1

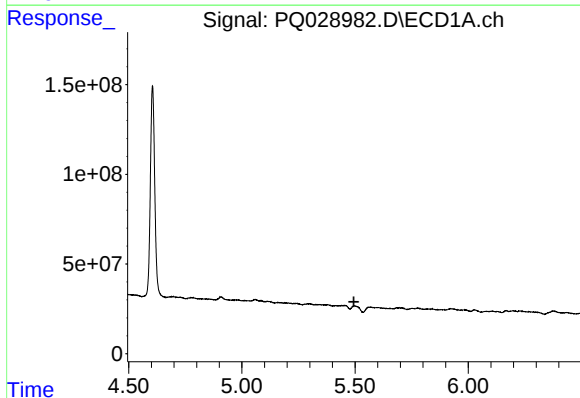
R.T.: 0.000 min
Exp R.T. : 4.971 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



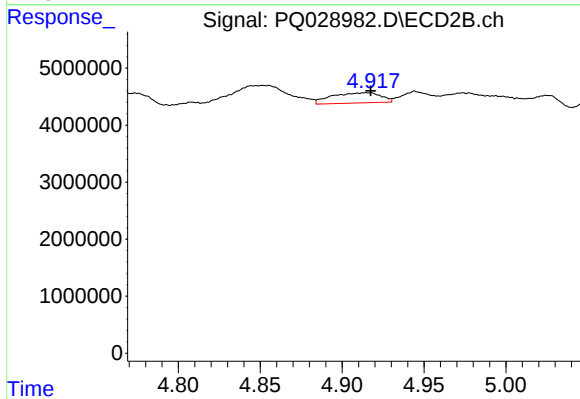
#11 AR-1232-1

R.T.: 4.137 min
Delta R.T.: -0.007 min
Response: 4436599
Conc: 21.12 ng/ml



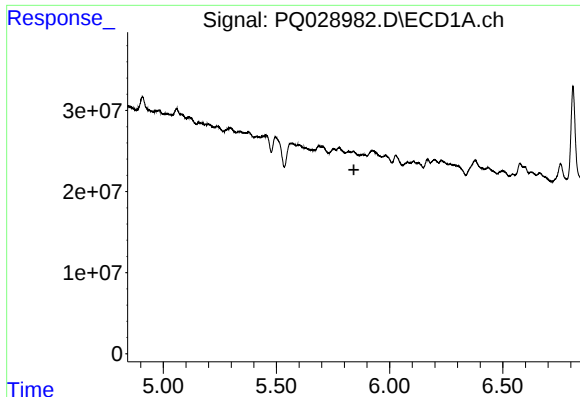
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



#12 AR-1232-2

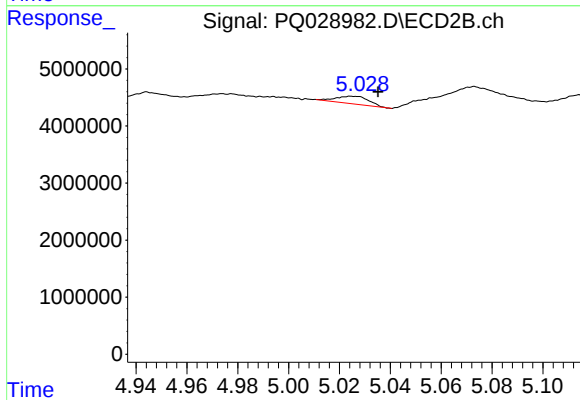
R.T.: 4.915 min
Delta R.T.: -0.002 min
Response: 3746809
Conc: 20.20 ng/ml



#13 AR-1232-3

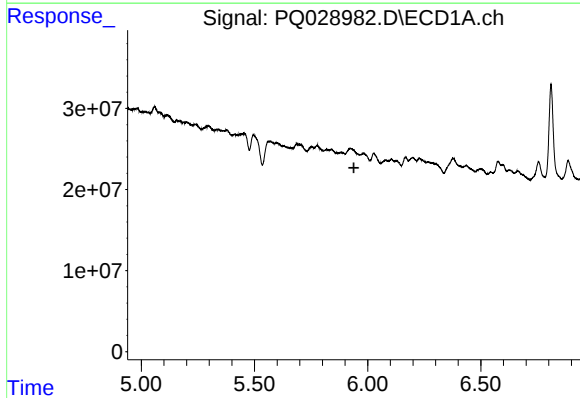
R.T.: 0.000 min
Exp R.T.: 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



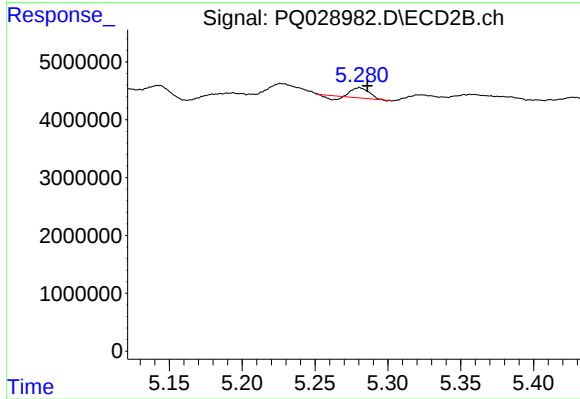
#13 AR-1232-3

R.T.: 5.025 min
Delta R.T.: -0.010 min
Response: 1186670
Conc: 8.56 ng/ml



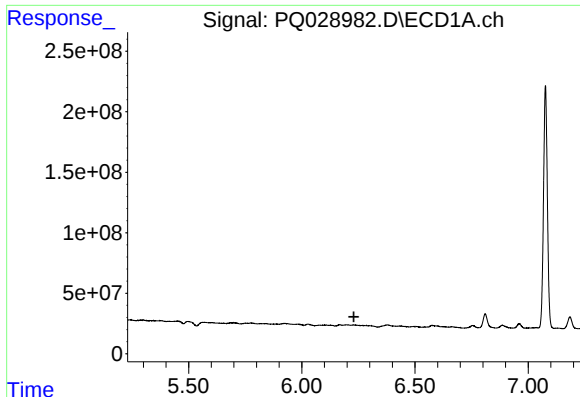
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.



#14 AR-1232-4

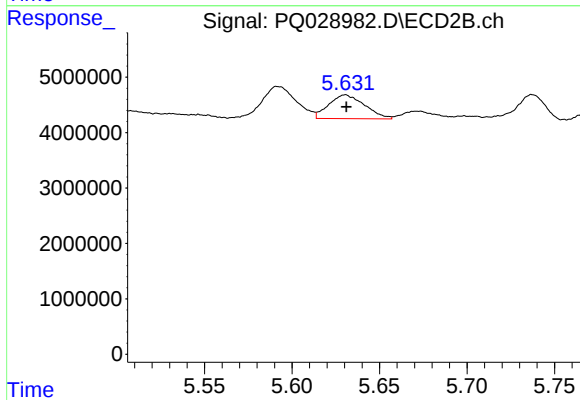
R.T.: 5.281 min
Delta R.T.: -0.005 min
Response: 1257804
Conc: 8.56 ng/ml



#15 AR-1232-5

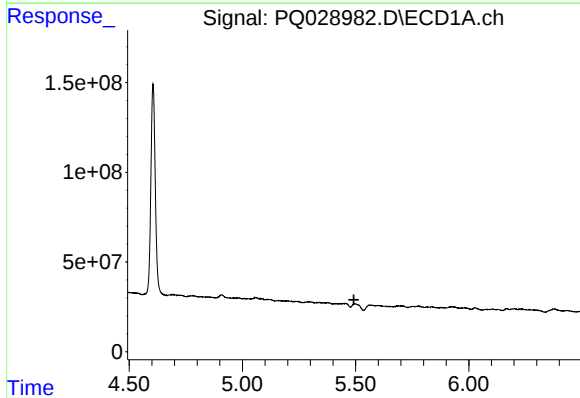
R.T.: 0.000 min
Exp R.T. : 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



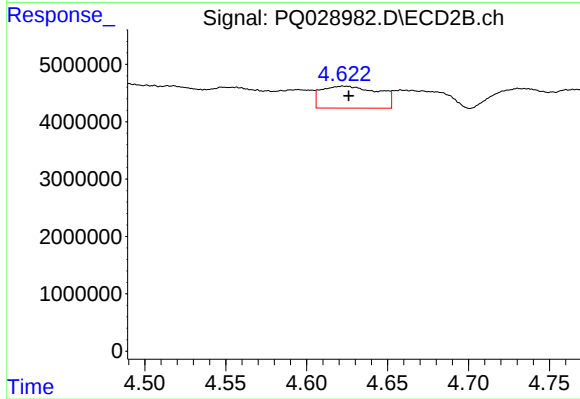
#15 AR-1232-5

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 6136923
Conc: 37.58 ng/ml



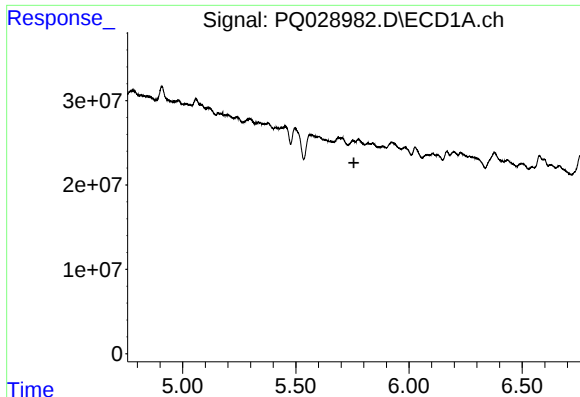
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



#16 AR-1242-1

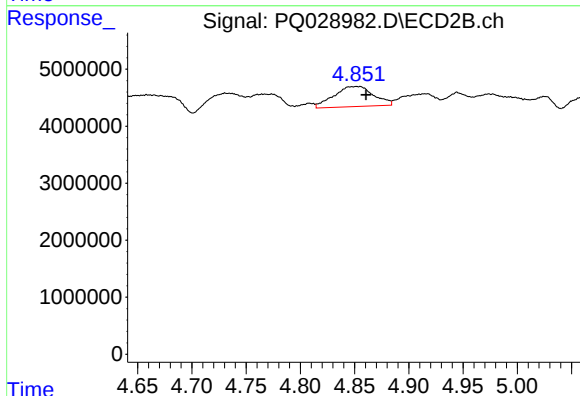
R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 9373531
Conc: 48.22 ng/ml



#17 AR-1242-2

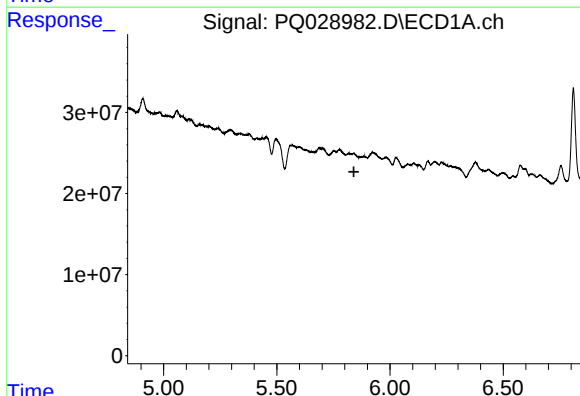
R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



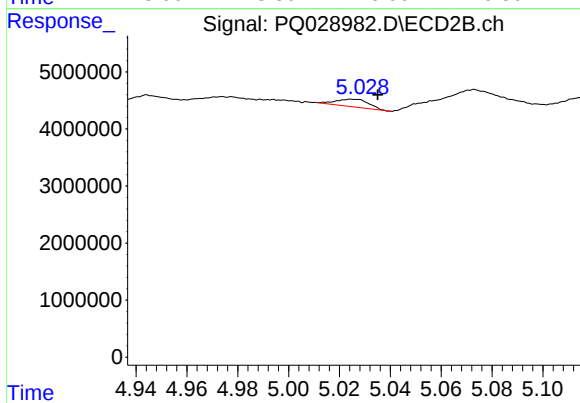
#17 AR-1242-2

R.T.: 4.853 min
Delta R.T.: -0.008 min
Response: 9009821
Conc: 19.80 ng/ml



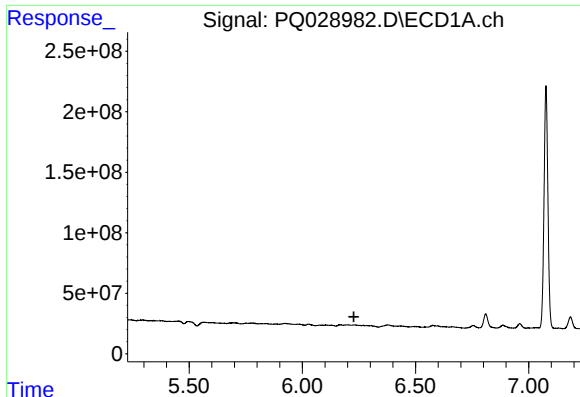
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.840 min
Response: 0
Conc: N.D.



#18 AR-1242-3

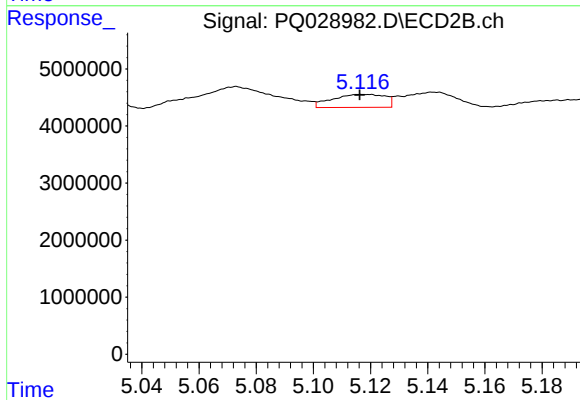
R.T.: 5.025 min
Delta R.T.: -0.010 min
Response: 1186670
Conc: 5.71 ng/ml



#19 AR-1242-4

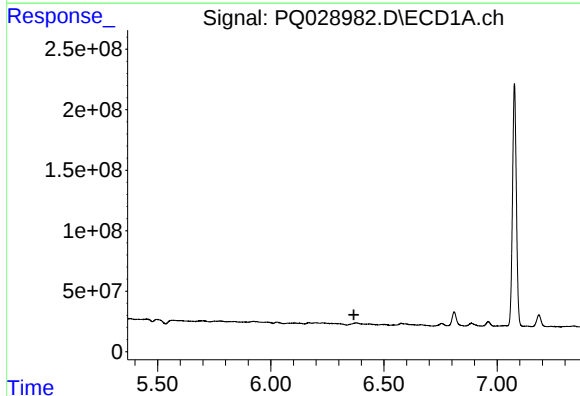
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



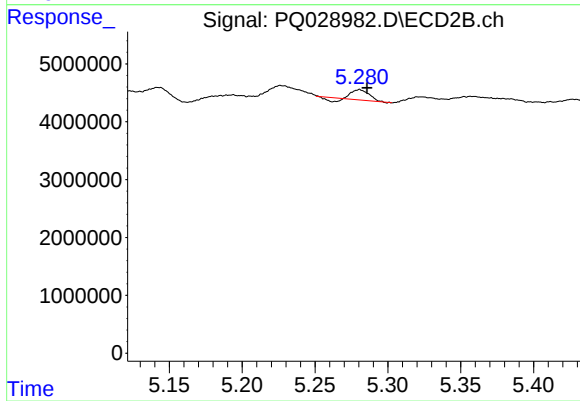
#19 AR-1242-4

R.T.: 5.118 min
Delta R.T.: 0.002 min
Response: 2912997
Conc: 14.42 ng/ml



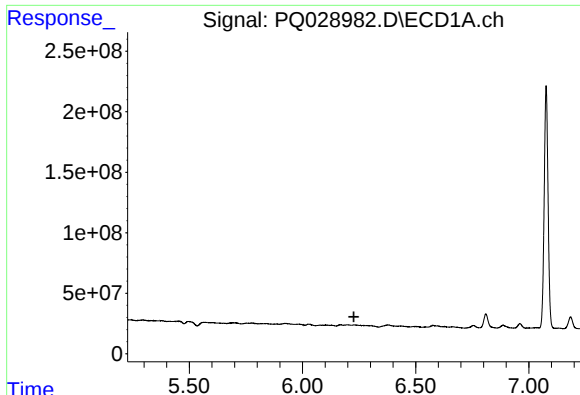
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.367 min
Response: 0
Conc: N.D.



#20 AR-1242-5

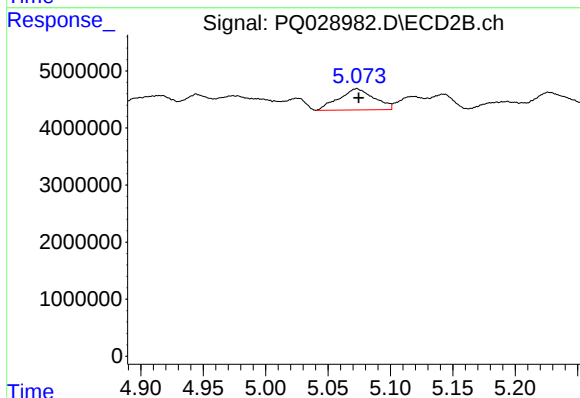
R.T.: 5.281 min
Delta R.T.: -0.005 min
Response: 1257804
Conc: 5.56 ng/ml



#21 AR-1248-1

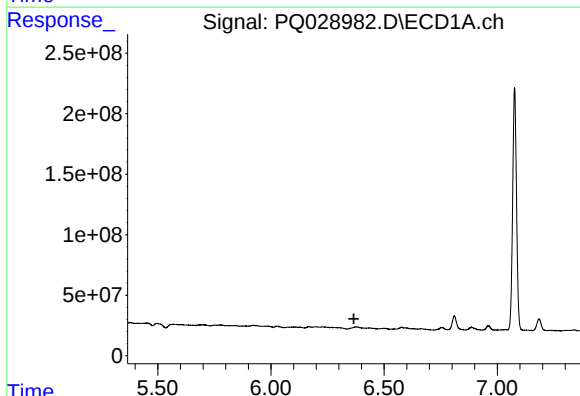
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



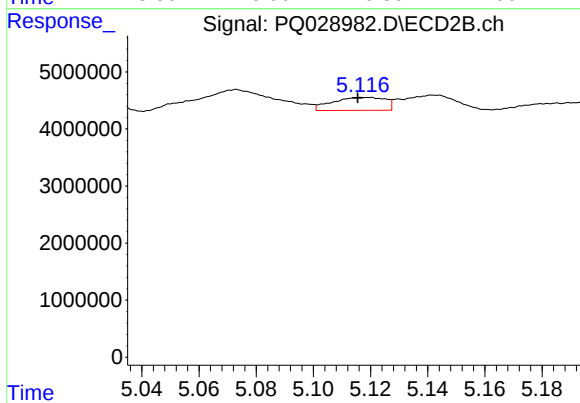
#21 AR-1248-1

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 7304171
Conc: 24.74 ng/ml



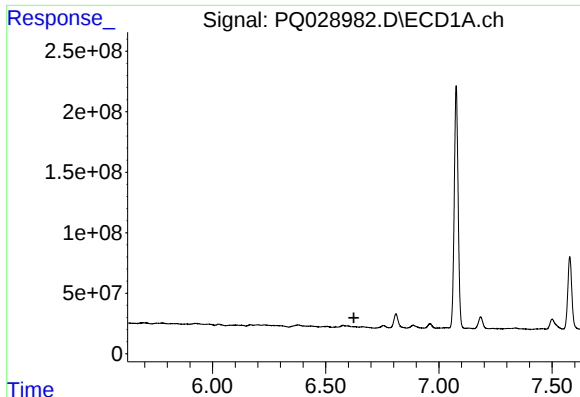
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.366 min
Response: 0
Conc: N.D.



#22 AR-1248-2

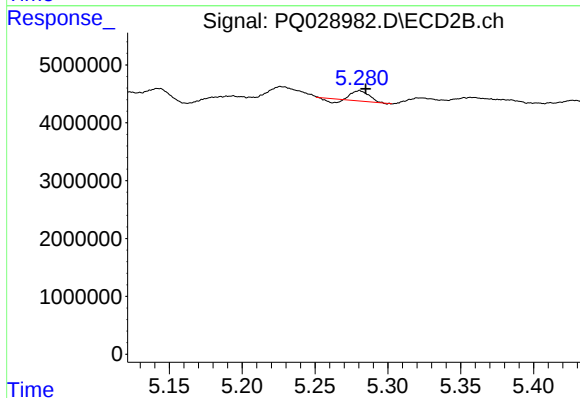
R.T.: 5.118 min
Delta R.T.: 0.003 min
Response: 2912997
Conc: 9.46 ng/ml



#23 AR-1248-3

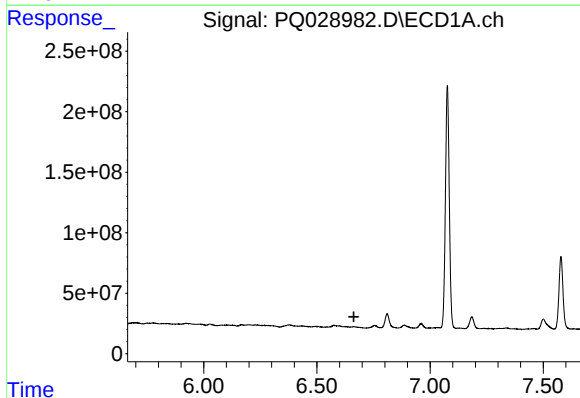
R.T.: 0.000 min
Exp R.T.: 6.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



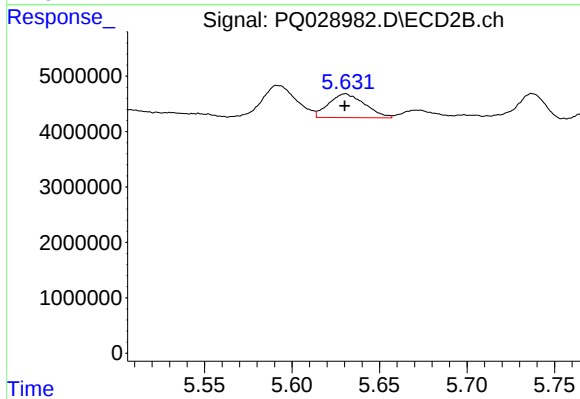
#23 AR-1248-3

R.T.: 5.281 min
Delta R.T.: -0.004 min
Response: 1257804
Conc: 3.22 ng/ml



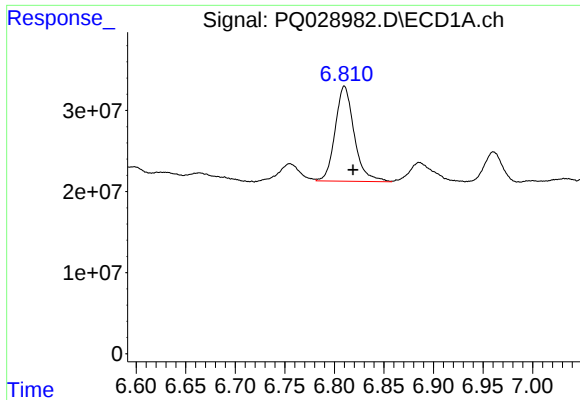
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.663 min
Response: 0
Conc: N.D.



#24 AR-1248-4

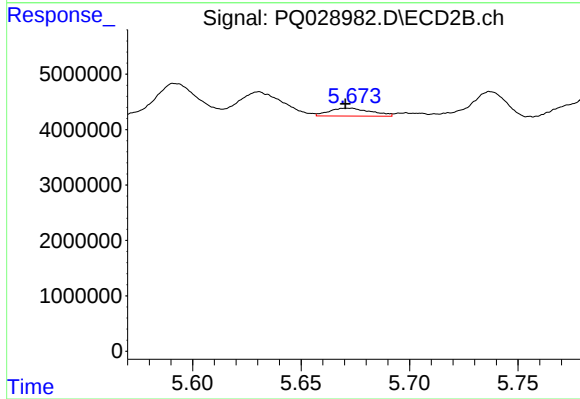
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 6136923
Conc: 10.93 ng/ml



#25 AR-1248-5

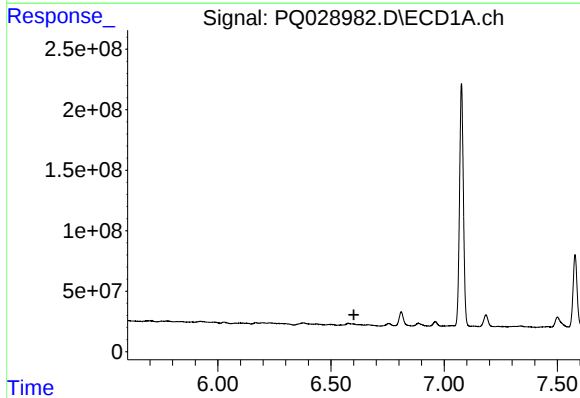
R.T.: 6.810 min
Delta R.T.: -0.009 min
Response: 157120487
Conc: 42.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



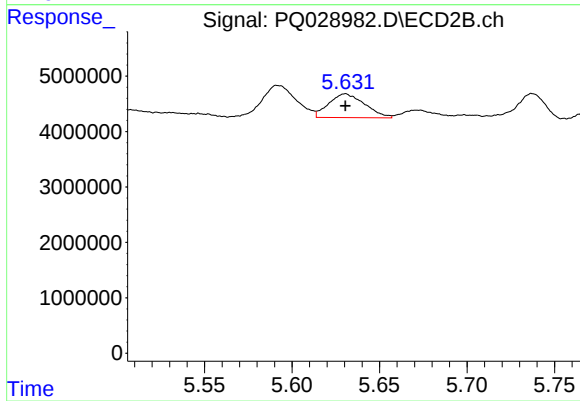
#25 AR-1248-5

R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 1892147
Conc: 4.58 ng/ml



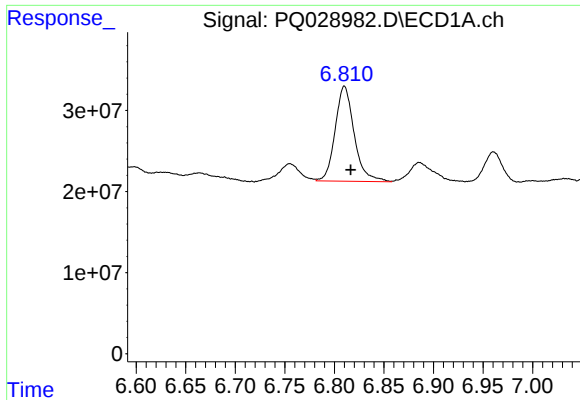
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.601 min
Response: 0
Conc: N.D.



#26 AR-1254-1

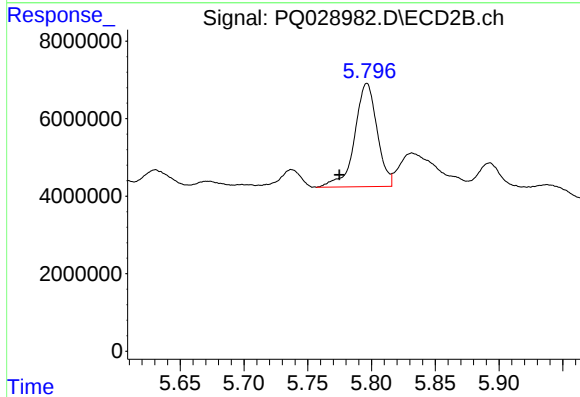
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 6136923
Conc: 11.44 ng/ml



#27 AR-1254-2

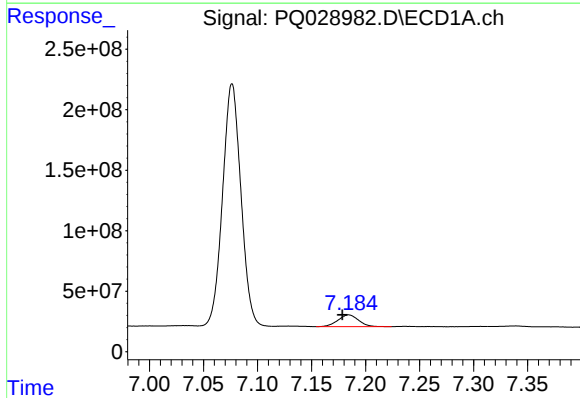
R.T.: 6.810 min
Delta R.T.: -0.006 min
Response: 157120487
Conc: 29.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



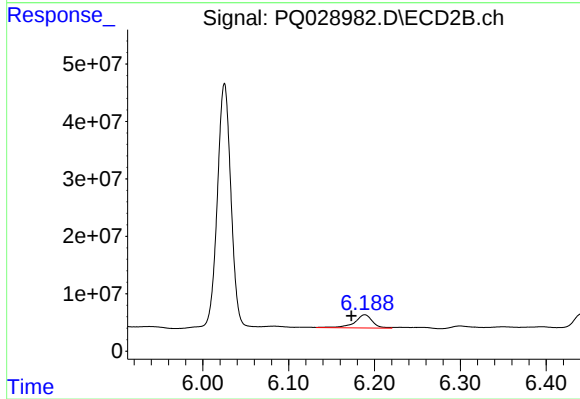
#27 AR-1254-2

R.T.: 5.796 min
Delta R.T.: 0.021 min
Response: 32657656
Conc: 71.22 ng/ml



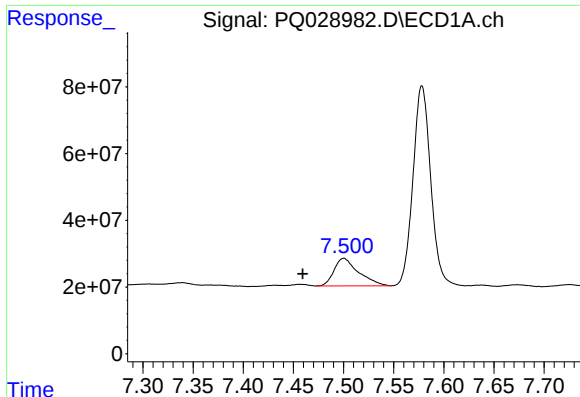
#28 AR-1254-3

R.T.: 7.184 min
Delta R.T.: 0.006 min
Response: 128854290
Conc: 21.65 ng/ml



#28 AR-1254-3

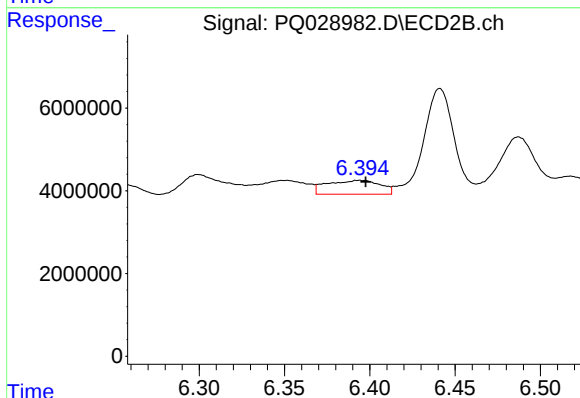
R.T.: 6.189 min
Delta R.T.: 0.016 min
Response: 33417604
Conc: 42.17 ng/ml



#29 AR-1254-4

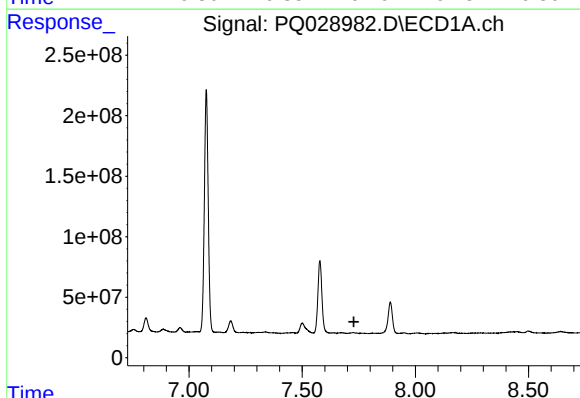
R.T.: 7.500 min
Delta R.T.: 0.041 min
Response: 141609584
Conc: 30.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



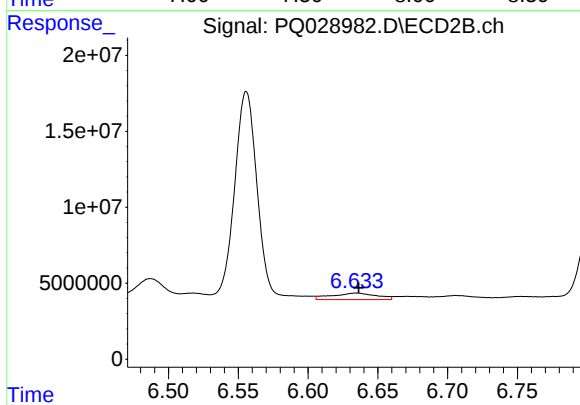
#29 AR-1254-4

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 7286692
Conc: 13.38 ng/ml



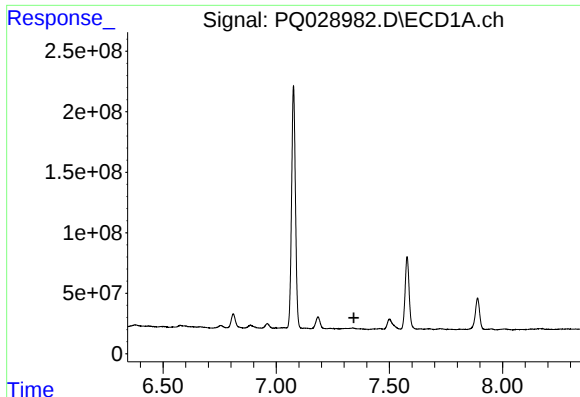
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.729 min
Response: 0
Conc: N.D.



#30 AR-1254-5

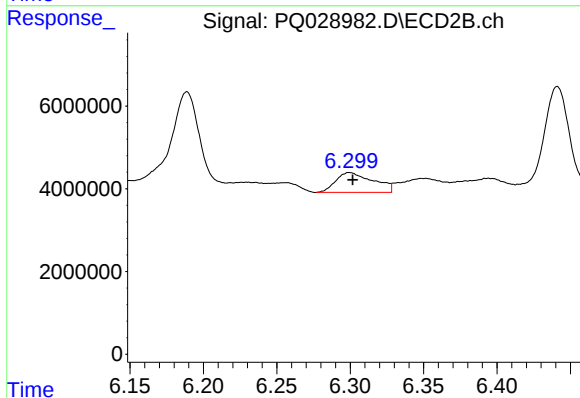
R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 9645673
Conc: 27.87 ng/ml



#31 AR-1260-1

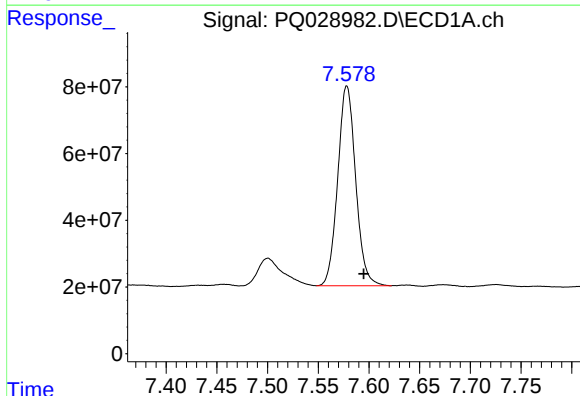
R.T.: 0.000 min
Exp R.T.: 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



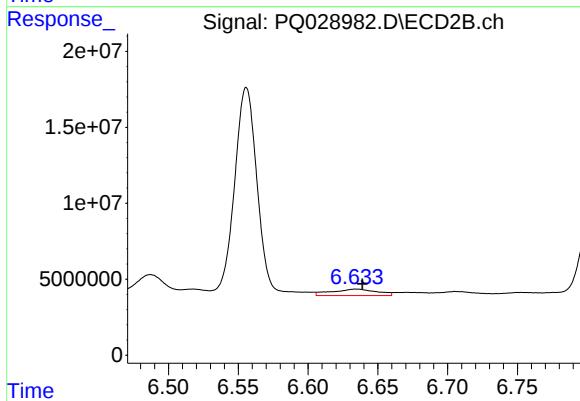
#31 AR-1260-1

R.T.: 6.300 min
Delta R.T.: -0.002 min
Response: 8511240
Conc: 13.80 ng/ml



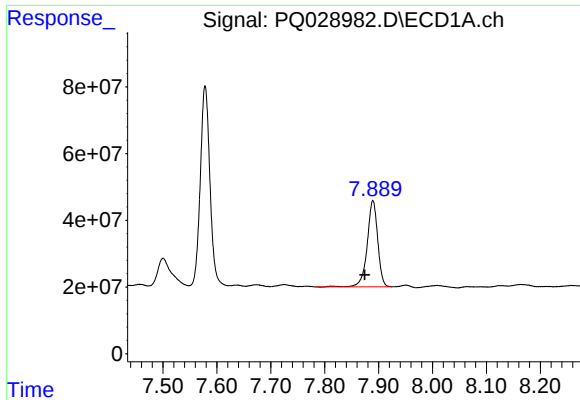
#32 AR-1260-2

R.T.: 7.578 min
Delta R.T.: -0.017 min
Response: 738184791
Conc: 121.53 ng/ml



#32 AR-1260-2

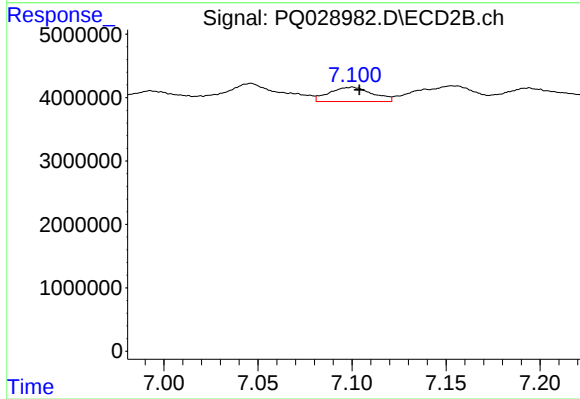
R.T.: 6.635 min
Delta R.T.: -0.004 min
Response: 9645673
Conc: 13.62 ng/ml



#33 AR-1260-3

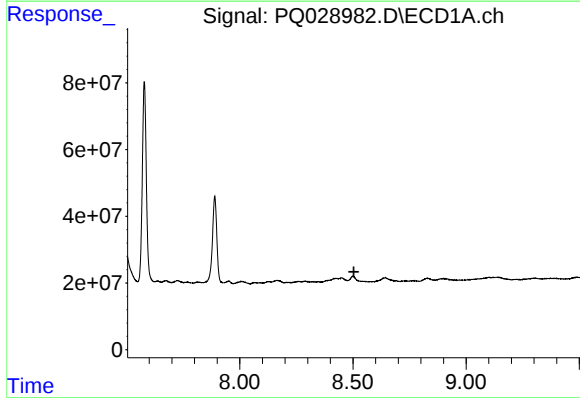
R.T.: 7.890 min
Delta R.T.: 0.016 min
Response: 350718631
Conc: 56.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



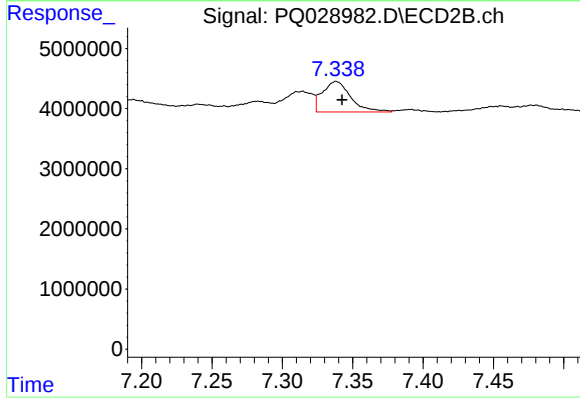
#33 AR-1260-3

R.T.: 7.100 min
Delta R.T.: -0.004 min
Response: 3622995
Conc: 6.11 ng/ml



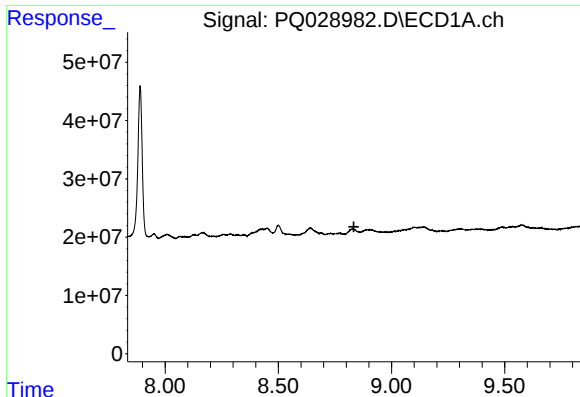
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.504 min
Response: 0
Conc: N.D.



#34 AR-1260-4

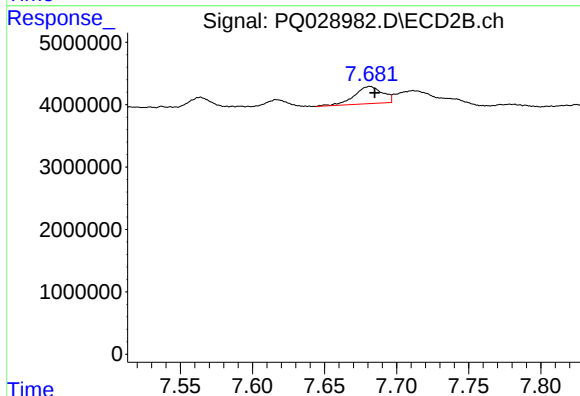
R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 7135582
Conc: 4.88 ng/ml



#35 AR-1260-5

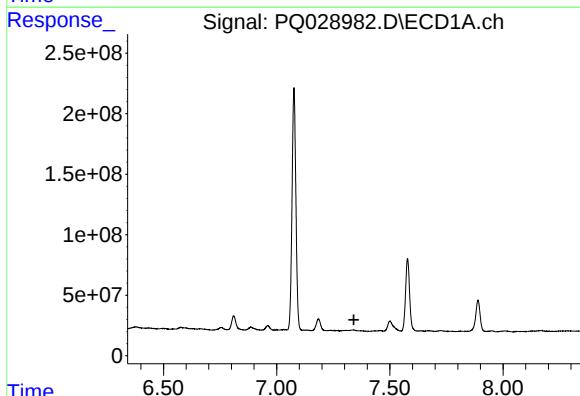
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



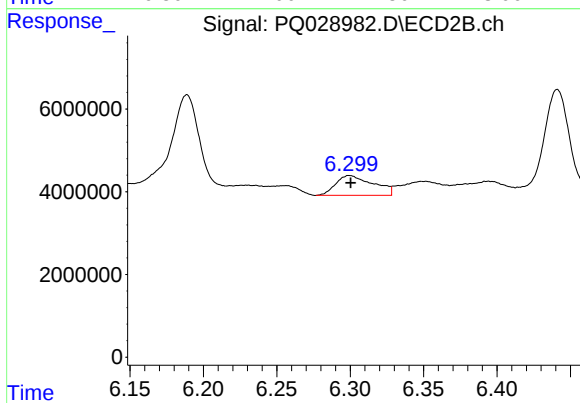
#35 AR-1260-5

R.T.: 7.681 min
Delta R.T.: -0.004 min
Response: 3730522
Conc: 3.55 ng/ml



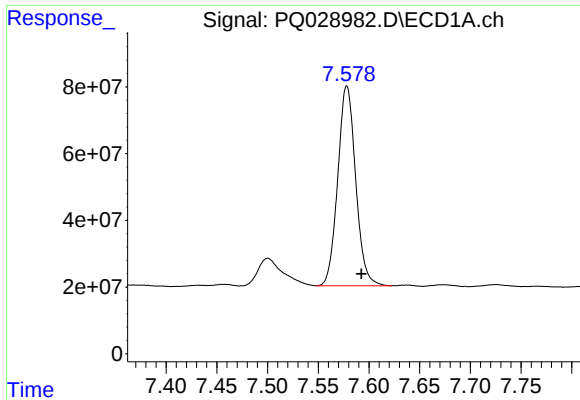
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.341 min
Response: 0
Conc: N.D.



#36 AR-1262-1

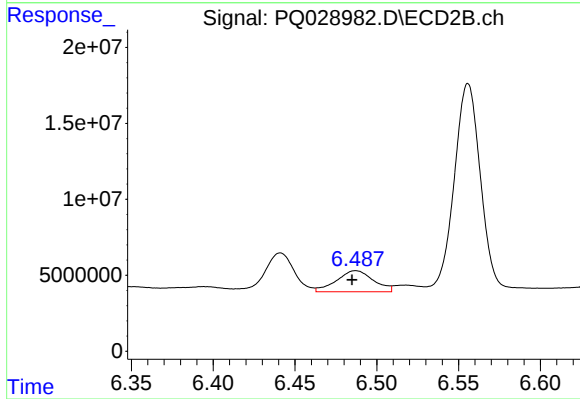
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 8511240
Conc: 17.00 ng/ml



#37 AR-1262-2

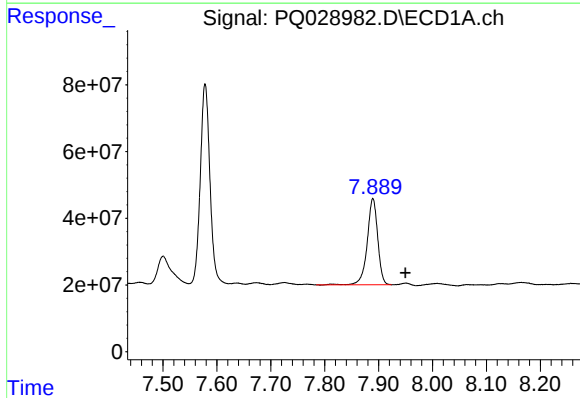
R.T.: 7.578 min
Delta R.T.: -0.014 min
Response: 738184791
Conc: 141.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



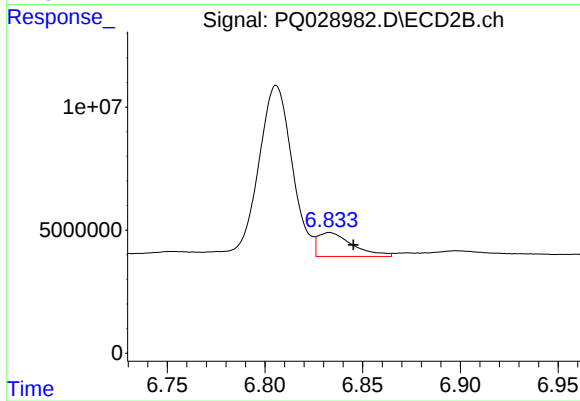
#37 AR-1262-2

R.T.: 6.487 min
Delta R.T.: 0.002 min
Response: 21715604
Conc: 34.03 ng/ml



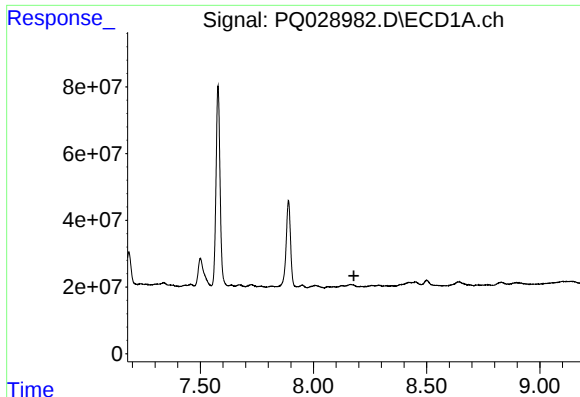
#38 AR-1262-3

R.T.: 7.890 min
Delta R.T.: -0.061 min
Response: 350718631
Conc: 44.07 ng/ml



#38 AR-1262-3

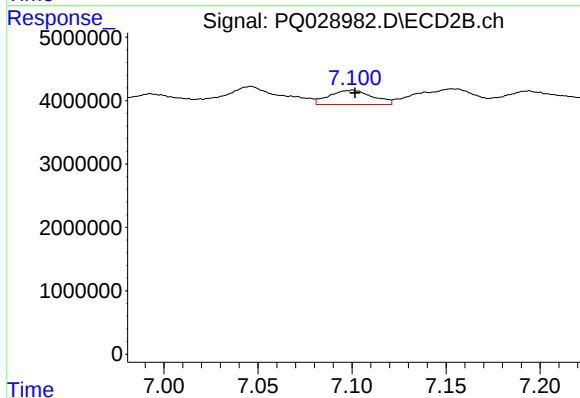
R.T.: 6.833 min
Delta R.T.: -0.012 min
Response: 12000261
Conc: 13.24 ng/ml



#39 AR-1262-4

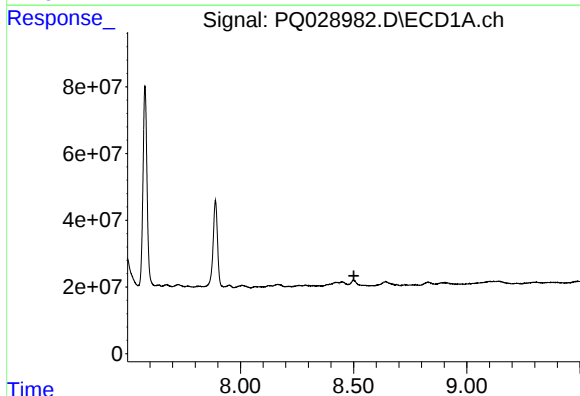
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



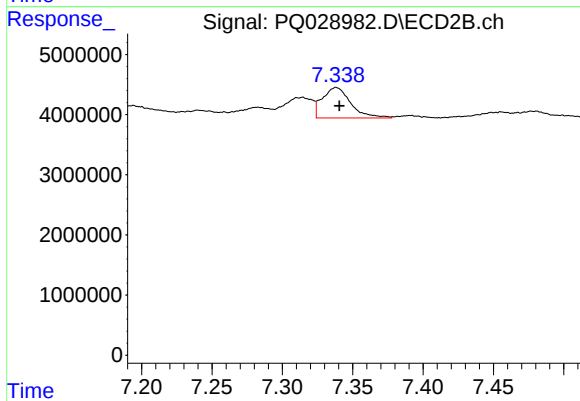
#39 AR-1262-4

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 3622995
Conc: 4.56 ng/ml



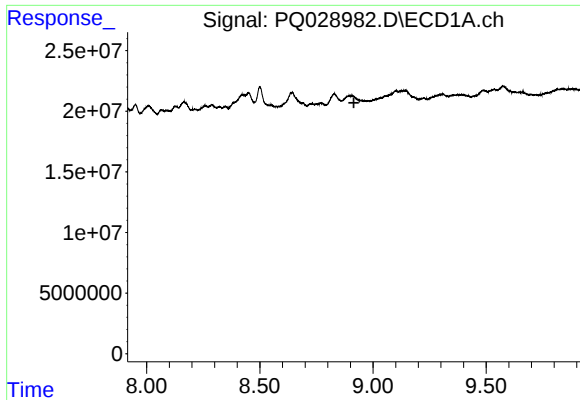
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.501 min
Response: 0
Conc: N.D.



#40 AR-1262-5

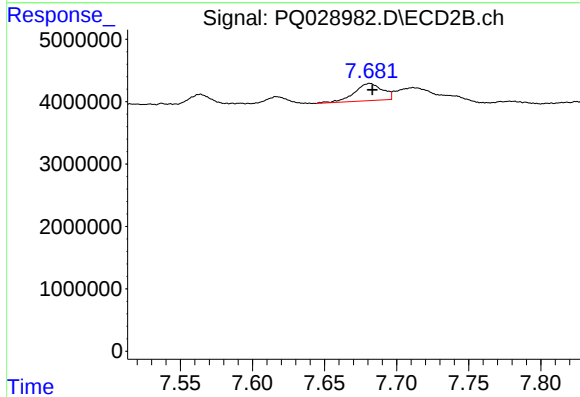
R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 7135582
Conc: 4.25 ng/ml



#42 AR-1268-2

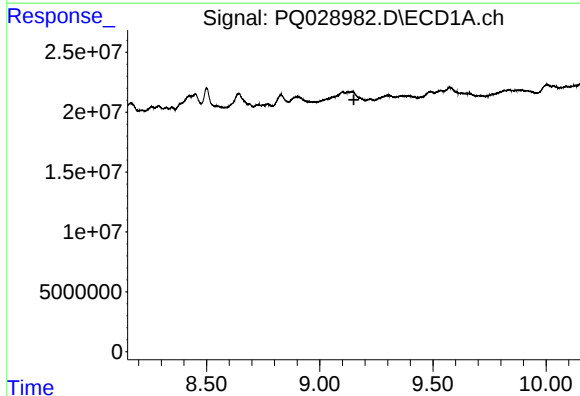
R.T.: 0.000 min
Exp R.T.: 8.916 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



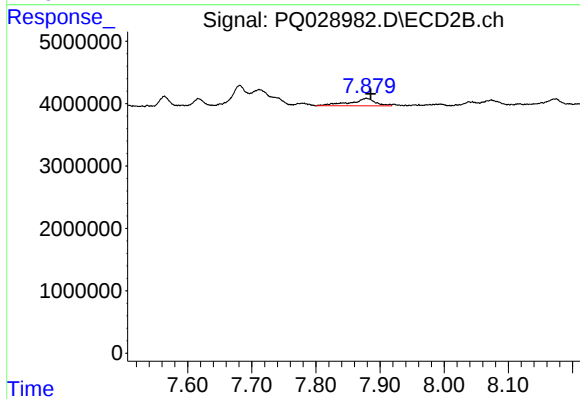
#42 AR-1268-2

R.T.: 7.681 min
Delta R.T.: -0.002 min
Response: 3730522
Conc: 2.10 ng/ml



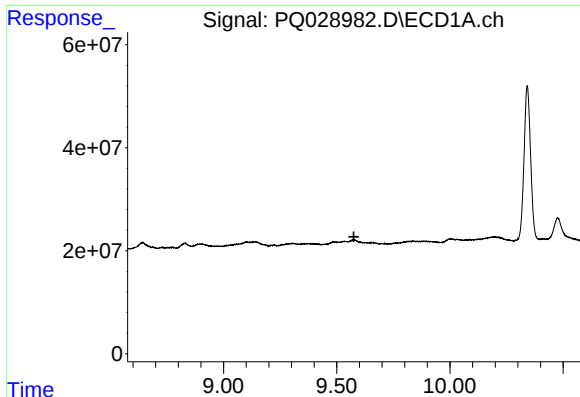
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.



#43 AR-1268-3

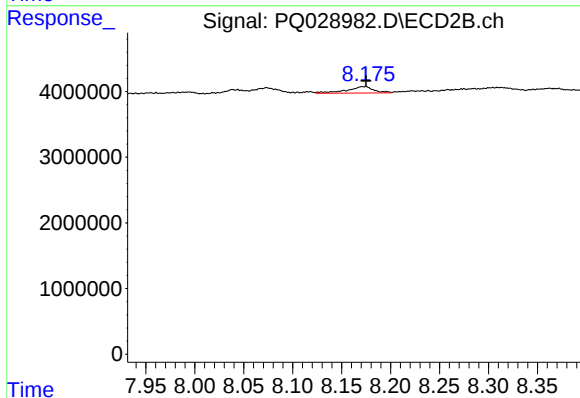
R.T.: 7.879 min
Delta R.T.: -0.007 min
Response: 3259637
Conc: 2.37 ng/ml



#44 AR-1268-4

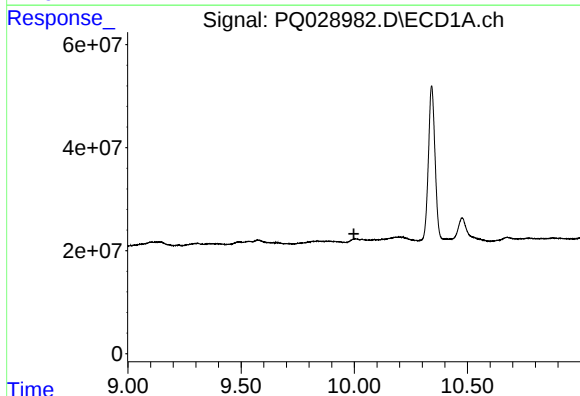
R.T.: 0.000 min
Exp R.T. : 9.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



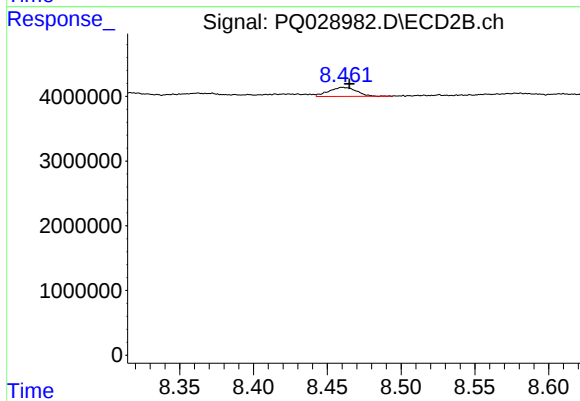
#44 AR-1268-4

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 1893086
Conc: 3.01 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.998 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.461 min
Delta R.T.: -0.004 min
Response: 1836937
Conc: 0.42 ng/ml