

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 06:53
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 07:26:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 2019
 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...	5.693	4.783	50226490	17526594	31.523	28.935
2)	SA Decachlor...	12.084	10.556	172.6E6	86494255	27.363	27.614
Target Compounds							
5)	L1 AR-1016-3	0.000	6.523	0	70056	N.D.	3.330 #
6)	L1 AR-1016-4	0.000	6.523	0	70056	N.D.	4.021 #
7)	L1 AR-1016-5	0.000	6.788	0	252969	N.D.	11.303 #
8)	L2 AR-1221-1	0.000	5.041	0	55028	N.D.	9.441 #
9)	L2 AR-1221-2	0.000	5.203	0	259599	N.D.	53.989 #
10)	L2 AR-1221-3	0.000	5.315	0	103120	N.D.	6.283 #
11)	L3 AR-1232-1	0.000	5.315	0	103120	N.D.	5.581 #
13)	L3 AR-1232-3	0.000	6.523	0	70056	N.D.	6.454 #
14)	L3 AR-1232-4	0.000	6.581	0	182614	N.D.	17.888 #
15)	L3 AR-1232-5	0.000	6.788	0	252969	N.D.	23.109 #
18)	L4 AR-1242-3	0.000	6.523	0	70056	N.D.	5.668 #
19)	L4 AR-1242-4	0.000	6.581	0	182614	N.D.	14.372 #
20)	L4 AR-1242-5	0.000	7.182	0	71875	N.D.	3.590 #
22)	L5 AR-1248-2	0.000	6.523	0	70056	N.D.	3.956 #
23)	L5 AR-1248-3	0.000	6.581	0	182614	N.D.	9.754 #
24)	L5 AR-1248-4	0.000	6.788	0	252969	N.D.	10.963 #
25)	L5 AR-1248-5	0.000	7.219	0	61582	N.D.	2.173 #
26)	L6 AR-1254-1	0.000	7.182	0	71875	N.D.	1.589 #
28)	L6 AR-1254-3	0.000	7.800	0	1542472	N.D.	20.678 #
29)	L6 AR-1254-4	0.000	8.041	0	1186457	N.D.	21.439 #
30)	L6 AR-1254-5	0.000	8.541	0	2809938	N.D.	34.479 #
31)	L7 AR-1260-1	0.000	7.936	0	1303661	N.D.	22.457 #
32)	L7 AR-1260-2	0.000	8.137	0	1471172	N.D.	19.243 #
33)	L7 AR-1260-3	9.546	8.324	5361938	974759	39.061	13.903 #
34)	L7 AR-1260-4	9.809	8.813	7443895	3456511	43.788	52.432
35)	L7 AR-1260-5	10.134	9.065	3391592	1579851	8.625	8.414
36)	L8 AR-1262-1	9.546	8.541	5361938	2809938	24.363	28.419
37)	L8 AR-1262-2	10.134	9.065	3391592	1579851	6.634	7.069
38)	L8 AR-1262-3	10.467	9.360	36302332	16905056	94.587	146.931 #
39)	L8 AR-1262-4	10.569	9.427	33992393	17447372	199.113	77.442 #
40)	L8 AR-1262-5	11.273	9.952	14845866	9596490	51.009	62.115
41)	L9 AR-1268-1	10.467	9.360	36302332	16905056	56.679	51.706
42)	L9 AR-1268-2	10.569	9.427	33992393	17447372	54.700	54.548
43)	L9 AR-1268-3	10.814	9.644	28719527	15208304	54.181	53.666
44)	L9 AR-1268-4	11.273	9.952	14845866	9596490	51.177	59.046
45)	L9 AR-1268-5	11.720	10.273	112.6E6	60821918	47.238	48.433

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

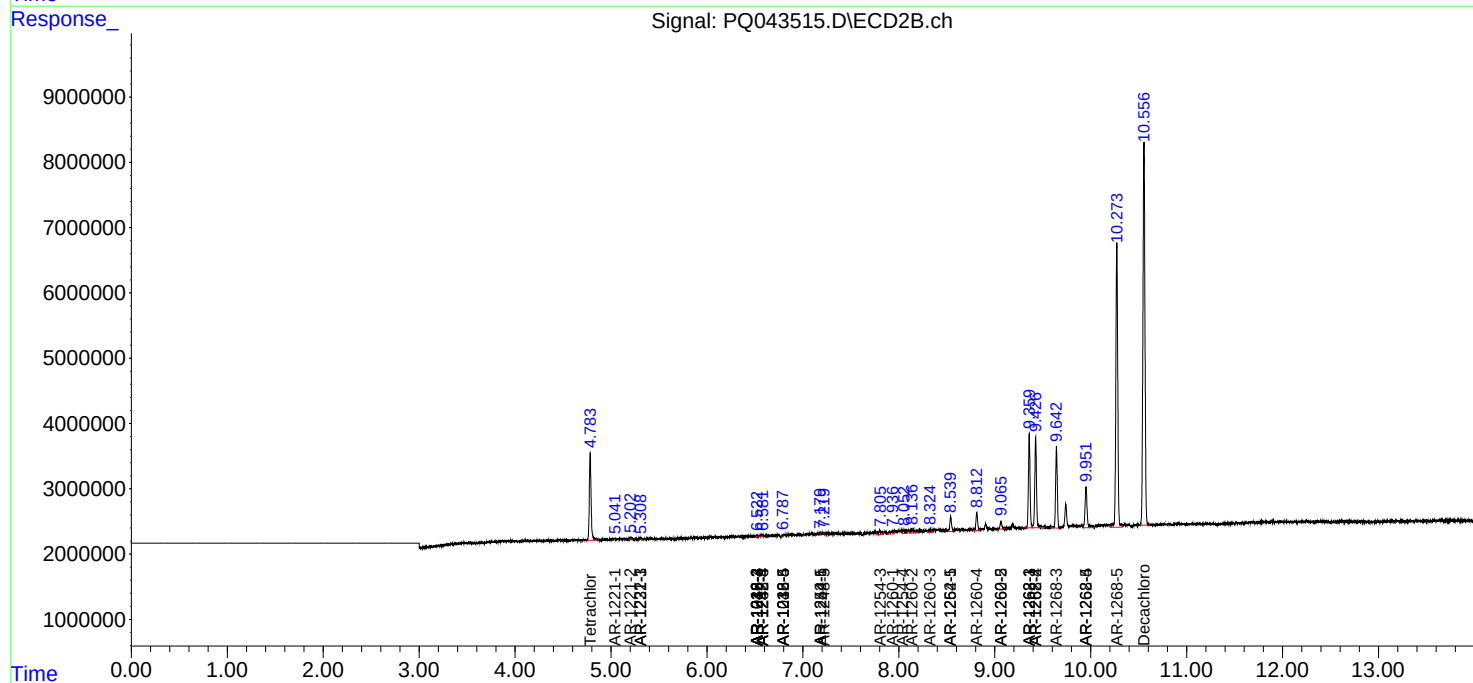
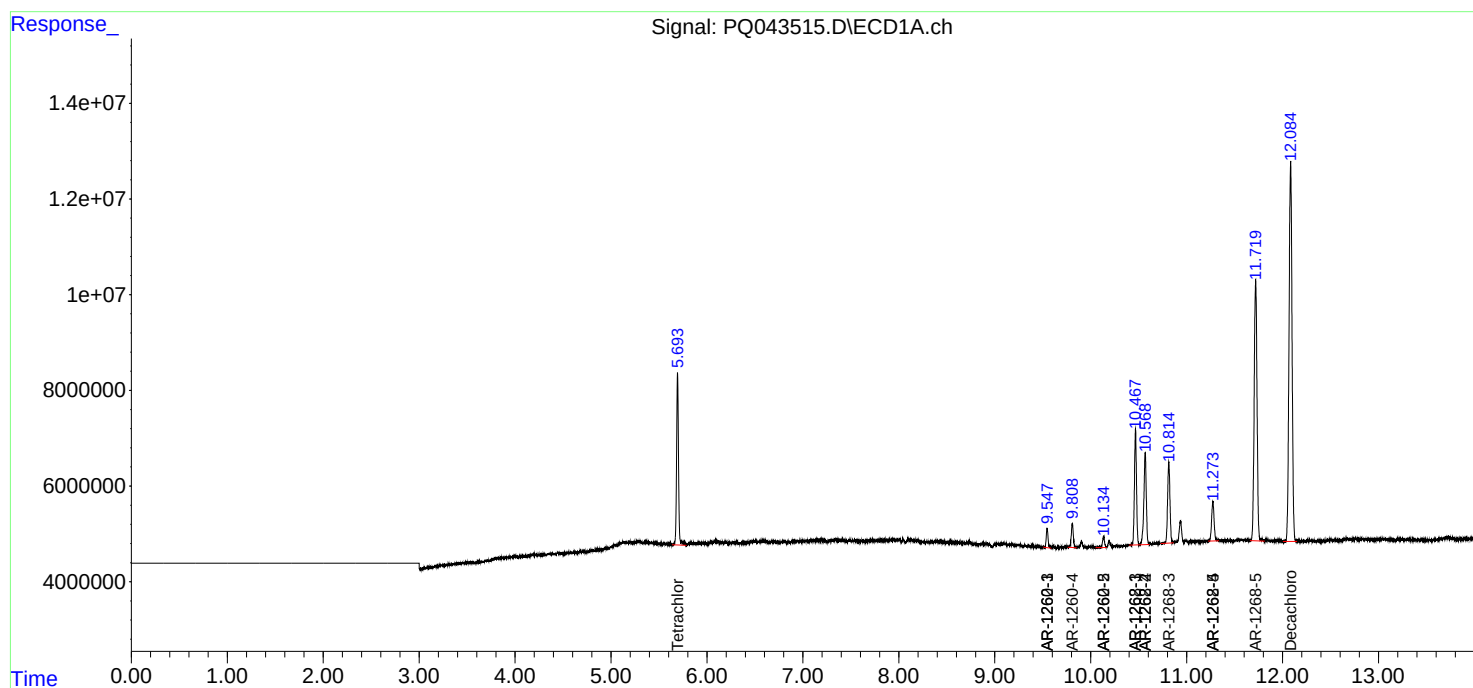
Instrument :
ECD_Q
ClientSampleId :

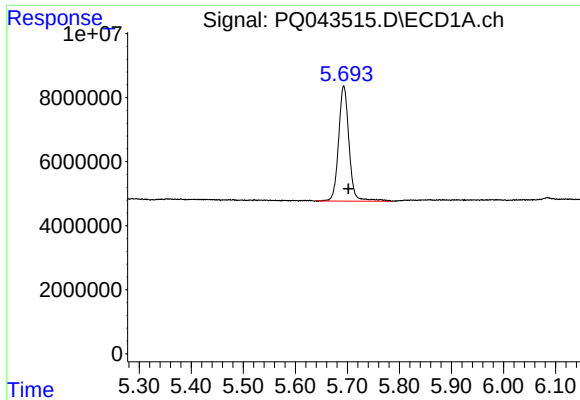
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
Data File : PQ043515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2019 06:53
Operator : SM\AJ
Sample : K3591-01
Misc : AR1268 LOD 40 PPB
ALS Vial : 45 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 07:26:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 12 02:33:14 2019
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

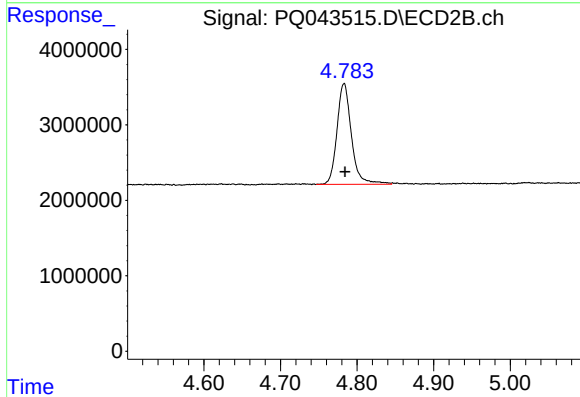




#1 Tetrachloro-m-xylene

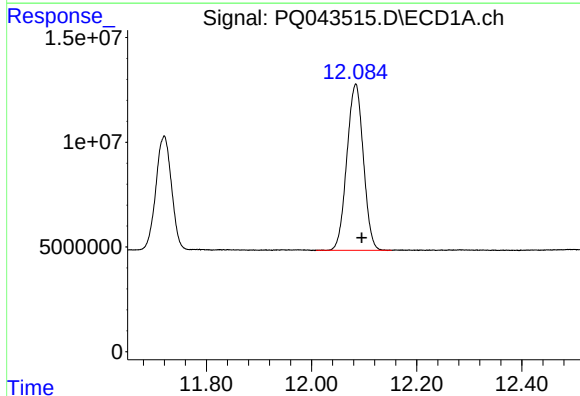
R.T.: 5.693 min
Delta R.T.: -0.009 min
Response: 50226490
Conc: 31.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



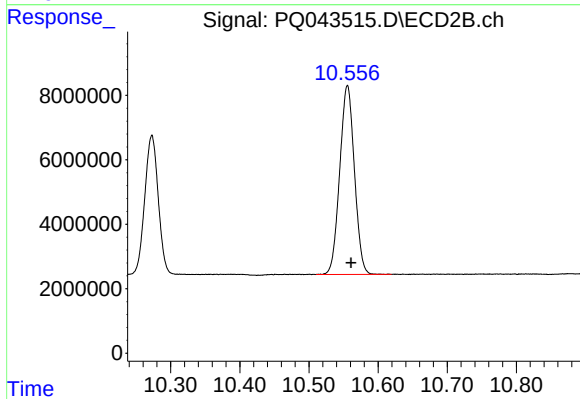
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 17526594
Conc: 28.93 ng/ml



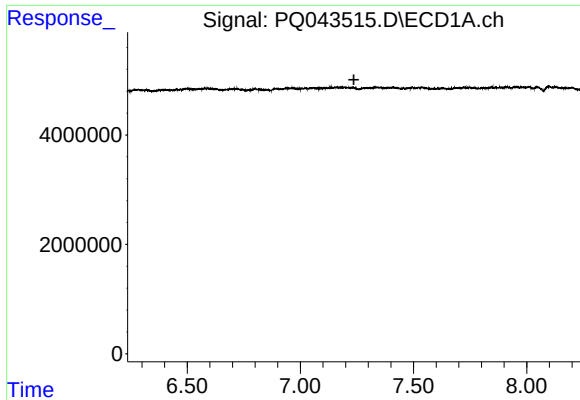
#2 Decachlorobiphenyl

R.T.: 12.084 min
Delta R.T.: -0.011 min
Response: 172576656
Conc: 27.36 ng/ml



#2 Decachlorobiphenyl

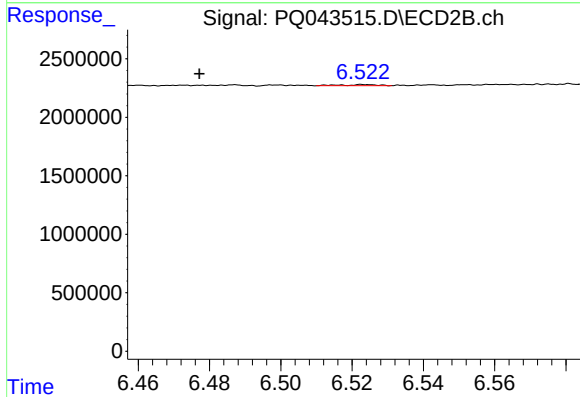
R.T.: 10.556 min
Delta R.T.: -0.005 min
Response: 86494255
Conc: 27.61 ng/ml



#5 AR-1016-3

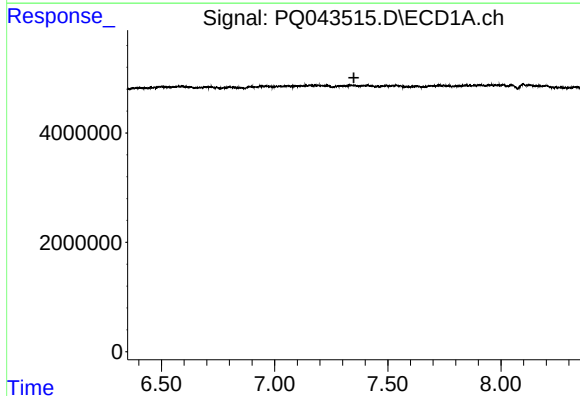
R.T.: 0.000 min
Exp R.T.: 7.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



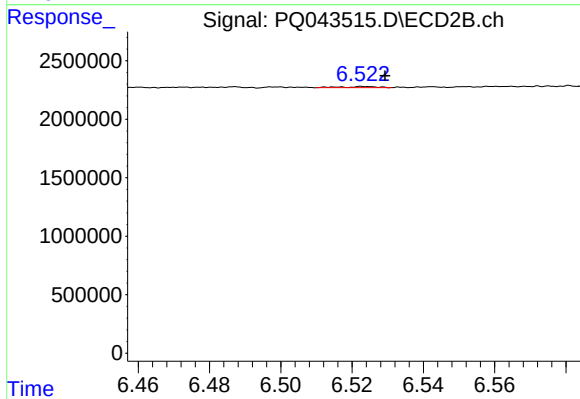
#5 AR-1016-3

R.T.: 6.523 min
Delta R.T.: 0.046 min
Response: 70056
Conc: 3.33 ng/ml



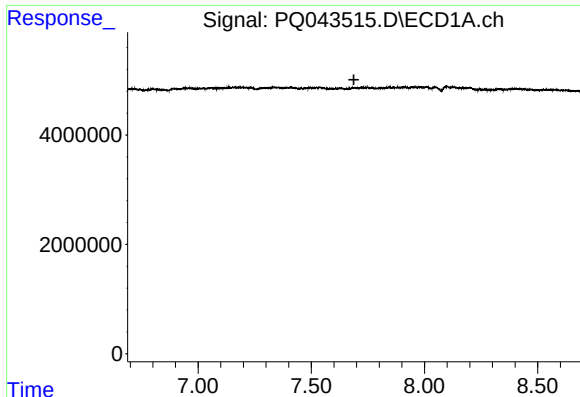
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.350 min
Response: 0
Conc: N.D.



#6 AR-1016-4

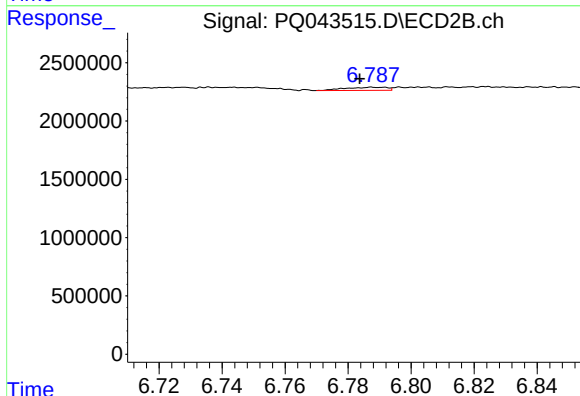
R.T.: 6.523 min
Delta R.T.: -0.006 min
Response: 70056
Conc: 4.02 ng/ml



#7 AR-1016-5

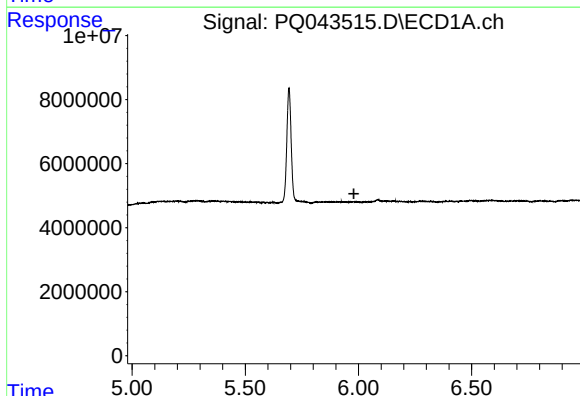
R.T.: 0.000 min
Exp R.T.: 7.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



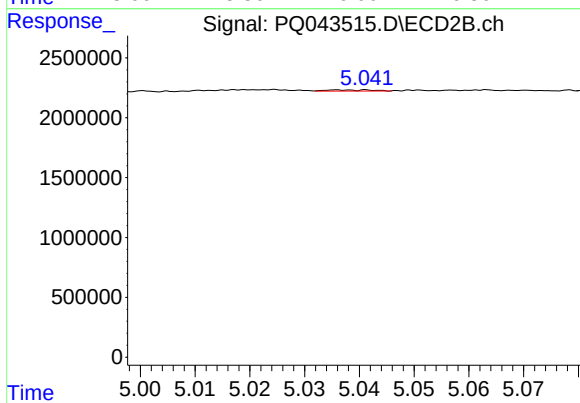
#7 AR-1016-5

R.T.: 6.788 min
Delta R.T.: 0.004 min
Response: 252969
Conc: 11.30 ng/ml



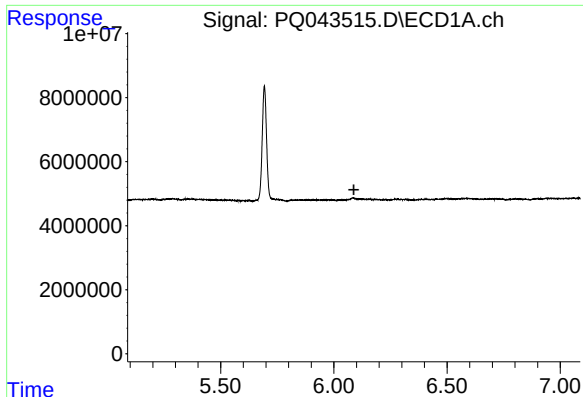
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

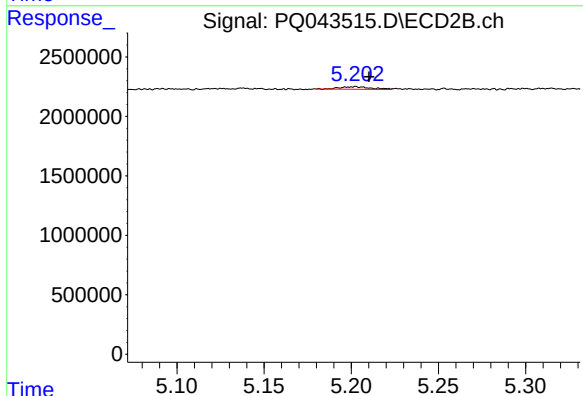
R.T.: 5.041 min
Delta R.T.: -0.051 min
Response: 55028
Conc: 9.44 ng/ml



#9 AR-1221-2

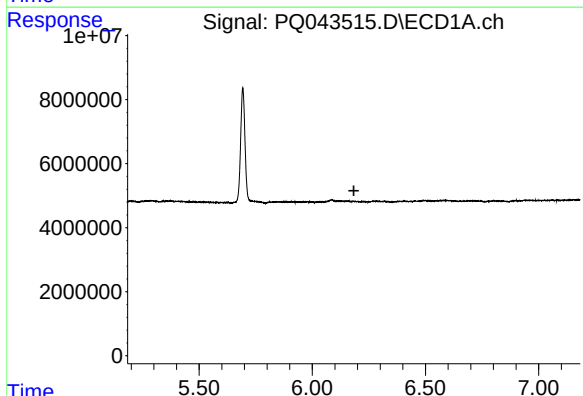
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



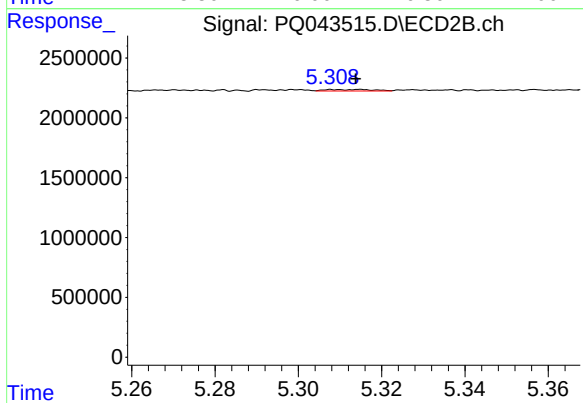
#9 AR-1221-2

R.T.: 5.203 min
Delta R.T.: -0.008 min
Response: 259599
Conc: 53.99 ng/ml



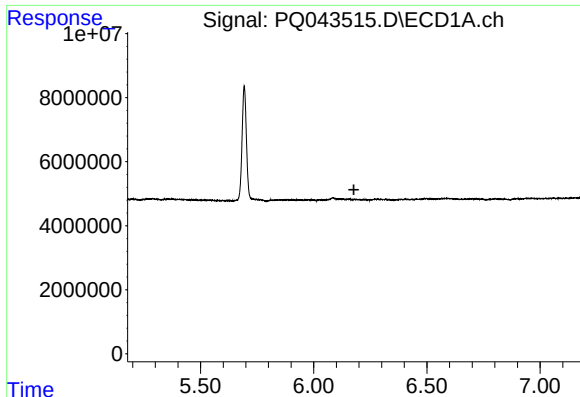
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.



#10 AR-1221-3

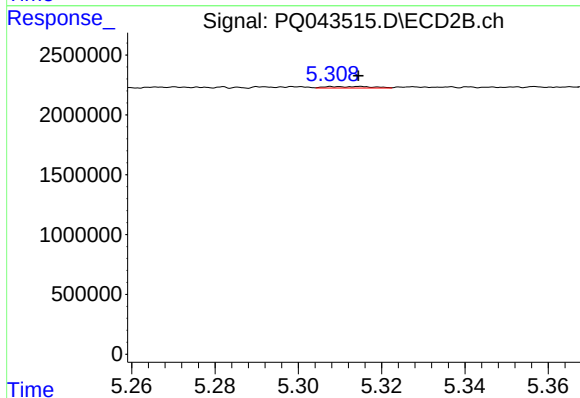
R.T.: 5.315 min
Delta R.T.: 0.001 min
Response: 103120
Conc: 6.28 ng/ml



#11 AR-1232-1

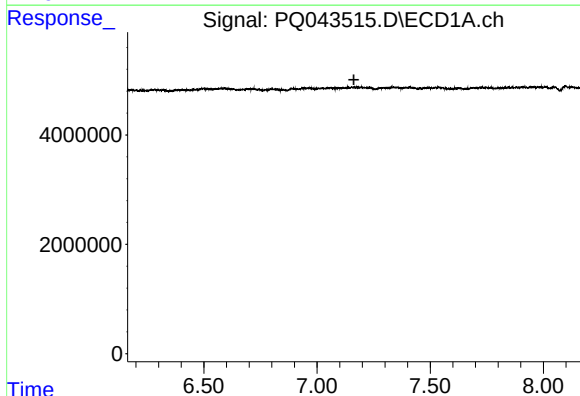
R.T.: 0.000 min
Exp R.T.: 6.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



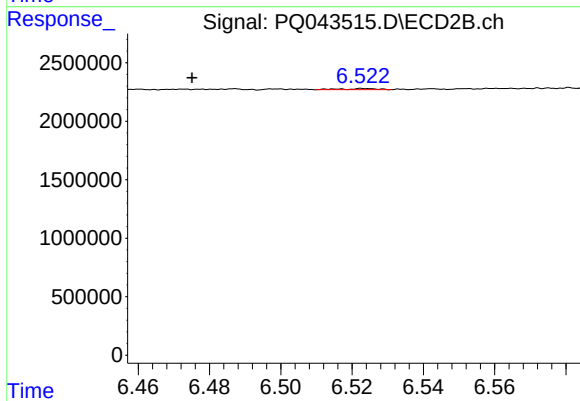
#11 AR-1232-1

R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 103120
Conc: 5.58 ng/ml



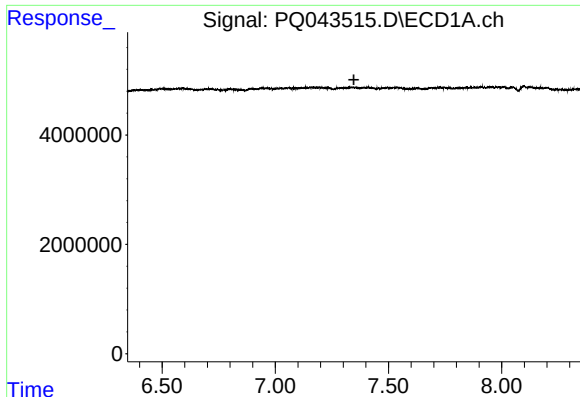
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 7.163 min
Response: 0
Conc: N.D.



#13 AR-1232-3

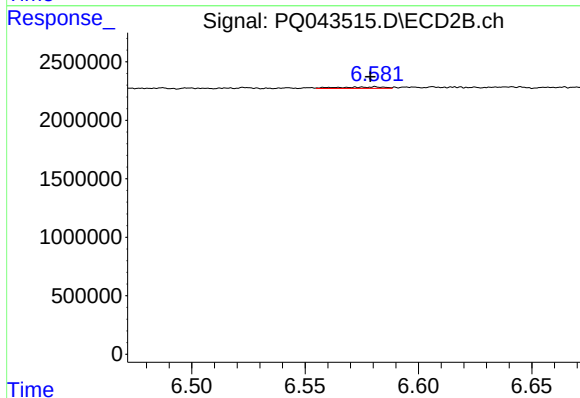
R.T.: 6.523 min
Delta R.T.: 0.048 min
Response: 70056
Conc: 6.45 ng/ml



#14 AR-1232-4

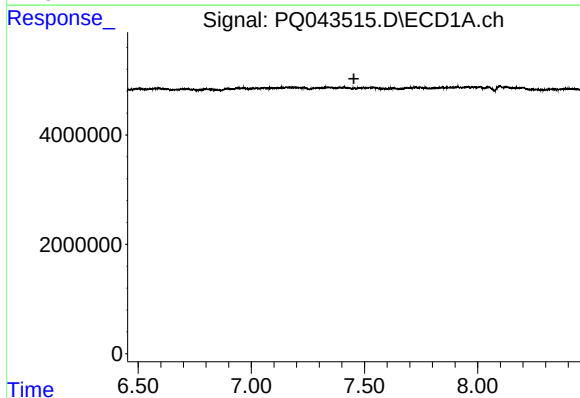
R.T.: 0.000 min
Exp R.T. : 7.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



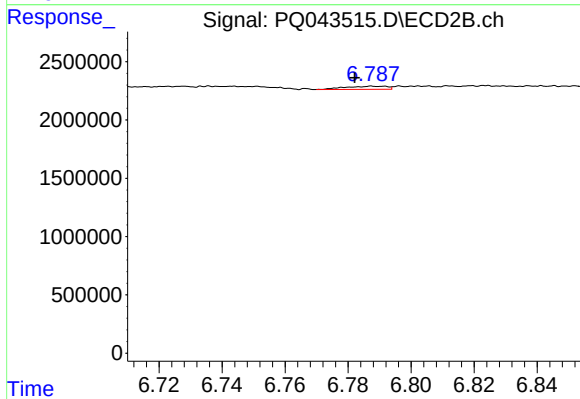
#14 AR-1232-4

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 182614
Conc: 17.89 ng/ml



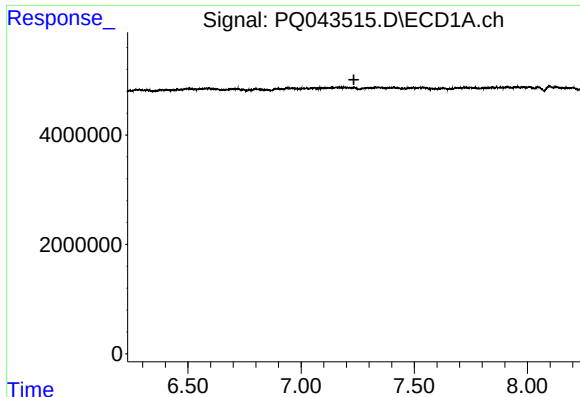
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 7.453 min
Response: 0
Conc: N.D.



#15 AR-1232-5

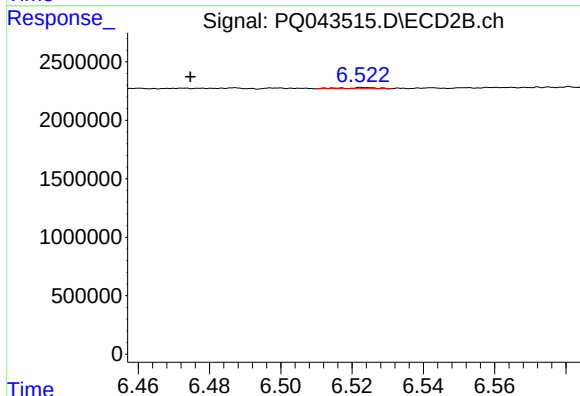
R.T.: 6.788 min
Delta R.T.: 0.005 min
Response: 252969
Conc: 23.11 ng/ml



#18 AR-1242-3

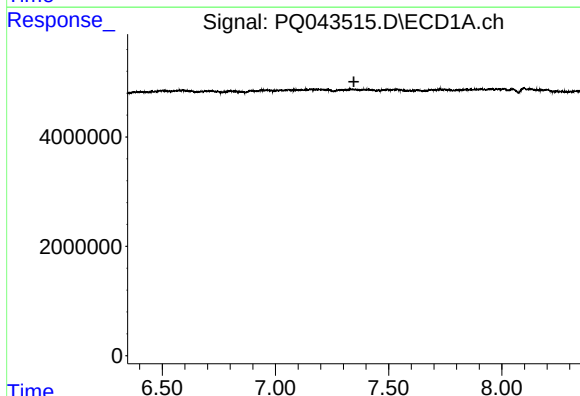
R.T.: 0.000 min
Exp R.T.: 7.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



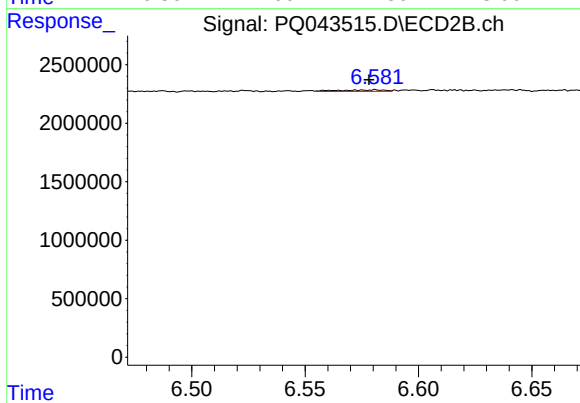
#18 AR-1242-3

R.T.: 6.523 min
Delta R.T.: 0.048 min
Response: 70056
Conc: 5.67 ng/ml



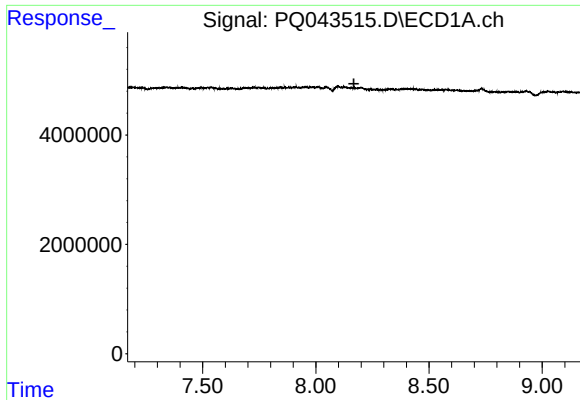
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 7.346 min
Response: 0
Conc: N.D.



#19 AR-1242-4

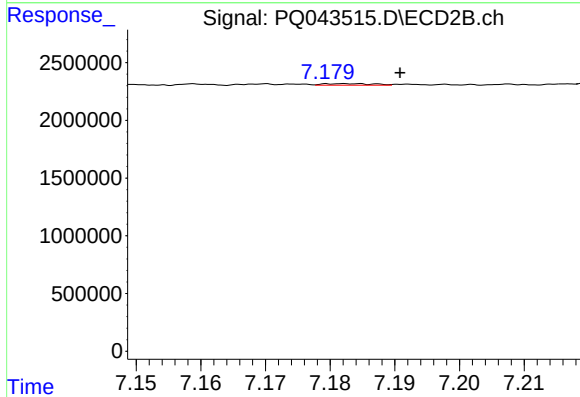
R.T.: 6.581 min
Delta R.T.: 0.003 min
Response: 182614
Conc: 14.37 ng/ml



#20 AR-1242-5

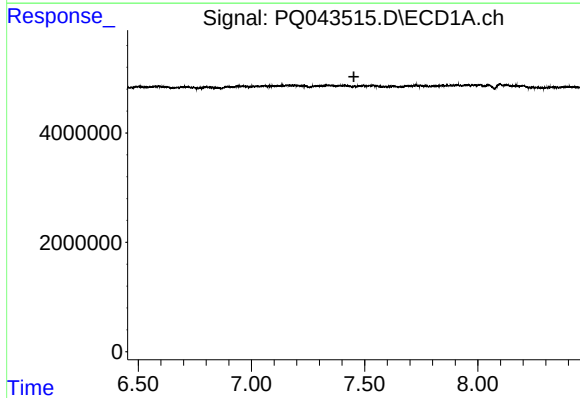
R.T.: 0.000 min
Exp R.T.: 8.168 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



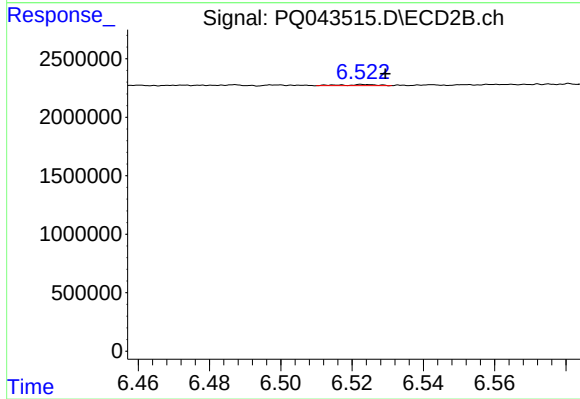
#20 AR-1242-5

R.T.: 7.182 min
Delta R.T.: -0.008 min
Response: 71875
Conc: 3.59 ng/ml



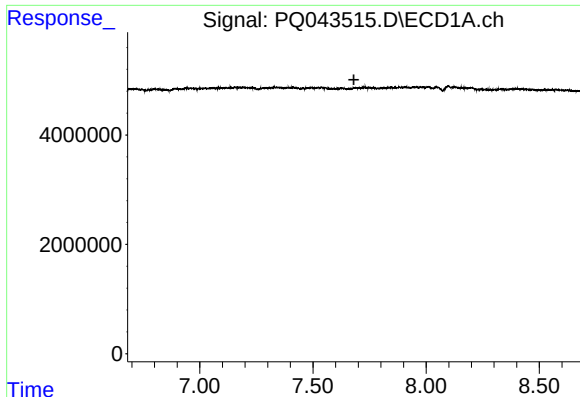
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.



#22 AR-1248-2

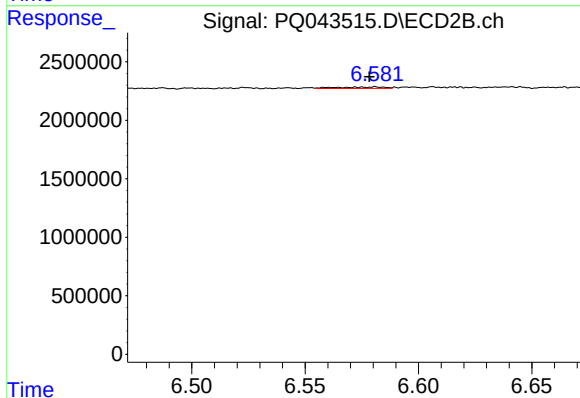
R.T.: 6.523 min
Delta R.T.: -0.007 min
Response: 70056
Conc: 3.96 ng/ml



#23 AR-1248-3

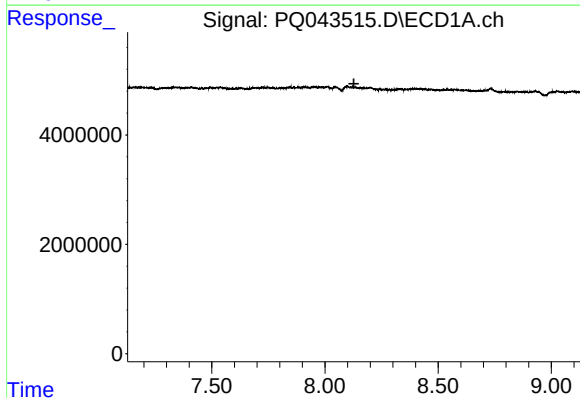
R.T.: 0.000 min
Exp R.T.: 7.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



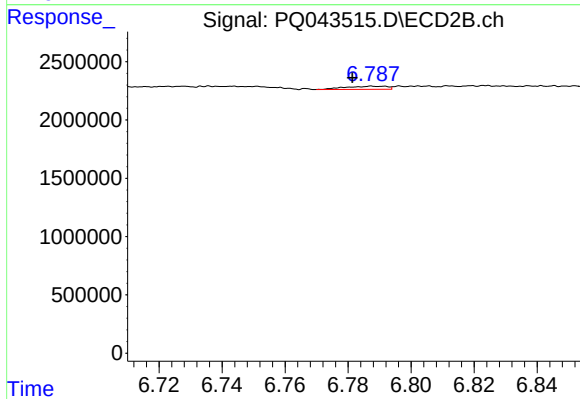
#23 AR-1248-3

R.T.: 6.581 min
Delta R.T.: 0.003 min
Response: 182614
Conc: 9.75 ng/ml



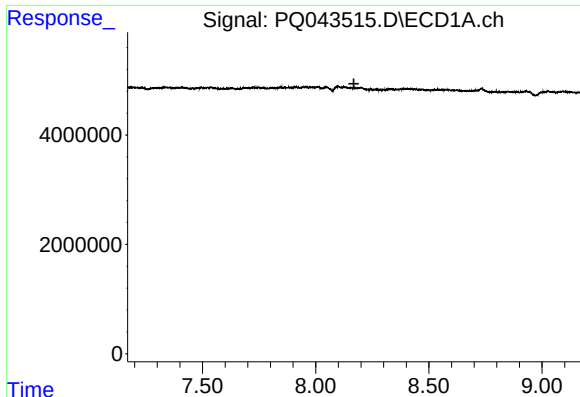
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 8.128 min
Response: 0
Conc: N.D.



#24 AR-1248-4

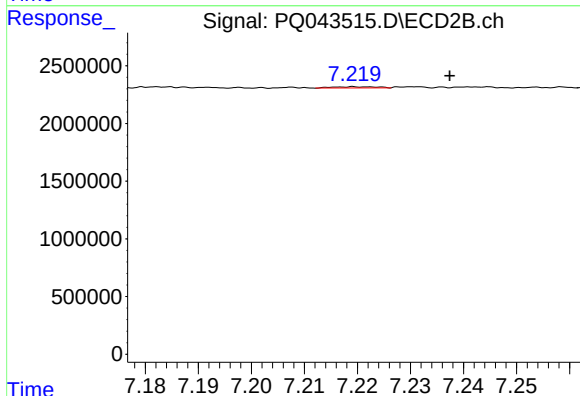
R.T.: 6.788 min
Delta R.T.: 0.006 min
Response: 252969
Conc: 10.96 ng/ml



#25 AR-1248-5

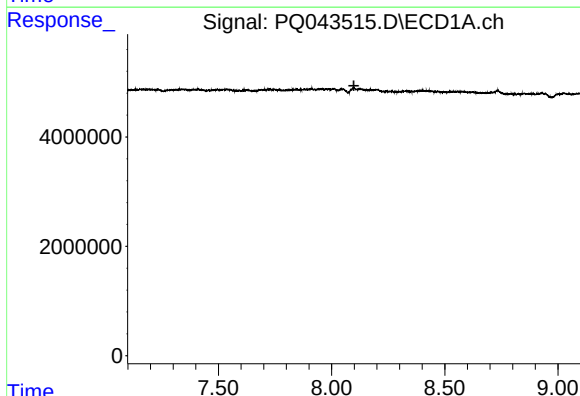
R.T.: 0.000 min
Exp R.T.: 8.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



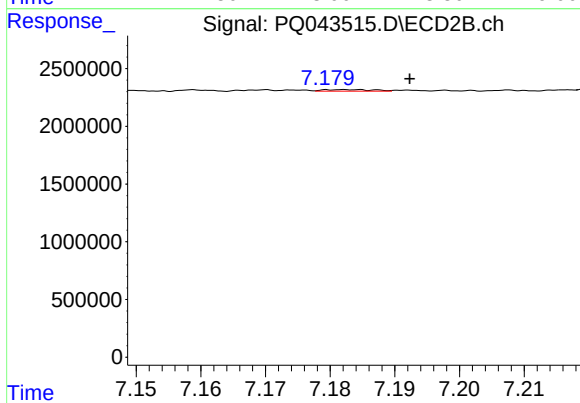
#25 AR-1248-5

R.T.: 7.219 min
Delta R.T.: -0.018 min
Response: 61582
Conc: 2.17 ng/ml



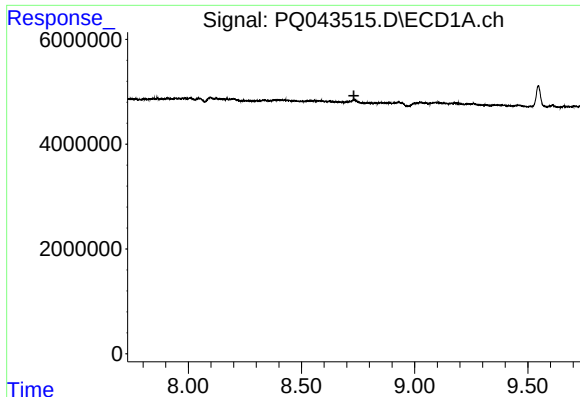
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 8.098 min
Response: 0
Conc: N.D.



#26 AR-1254-1

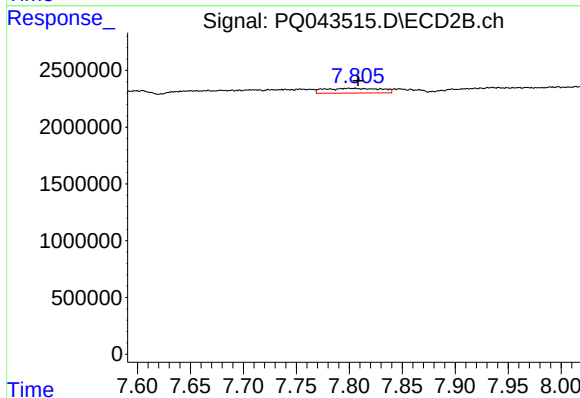
R.T.: 7.182 min
Delta R.T.: -0.010 min
Response: 71875
Conc: 1.59 ng/ml



#28 AR-1254-3

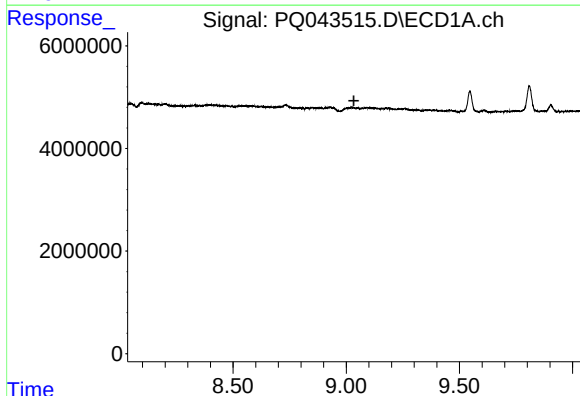
R.T.: 0.000 min
Exp R.T.: 8.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



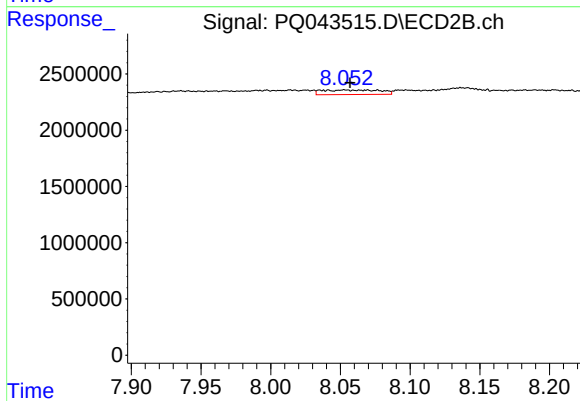
#28 AR-1254-3

R.T.: 7.800 min
Delta R.T.: -0.009 min
Response: 1542472
Conc: 20.68 ng/ml



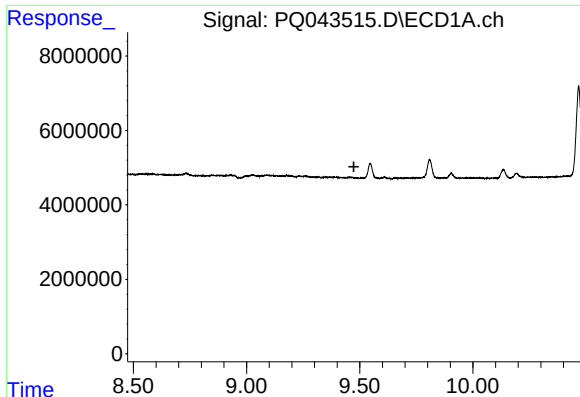
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 9.034 min
Response: 0
Conc: N.D.



#29 AR-1254-4

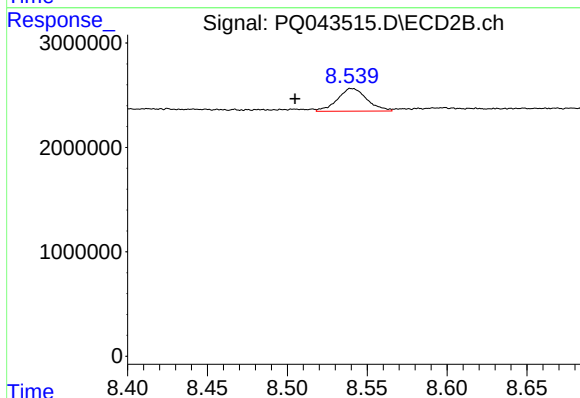
R.T.: 8.041 min
Delta R.T.: -0.016 min
Response: 1186457
Conc: 21.44 ng/ml



#30 AR-1254-5

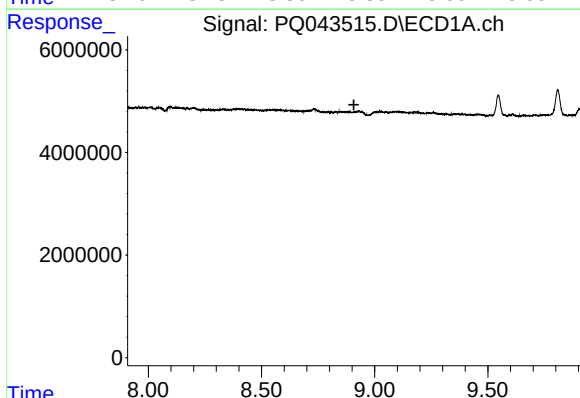
R.T.: 0.000 min
Exp R.T.: 9.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



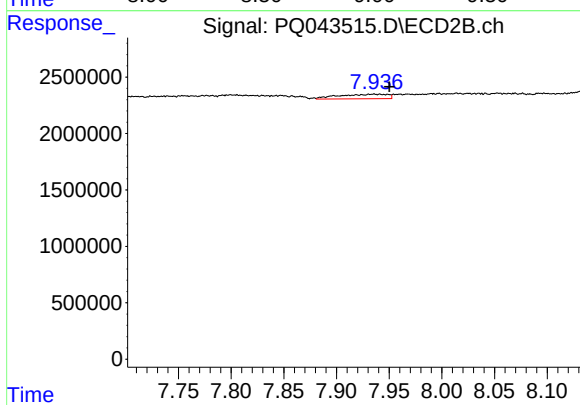
#30 AR-1254-5

R.T.: 8.541 min
Delta R.T.: 0.036 min
Response: 2809938
Conc: 34.48 ng/ml



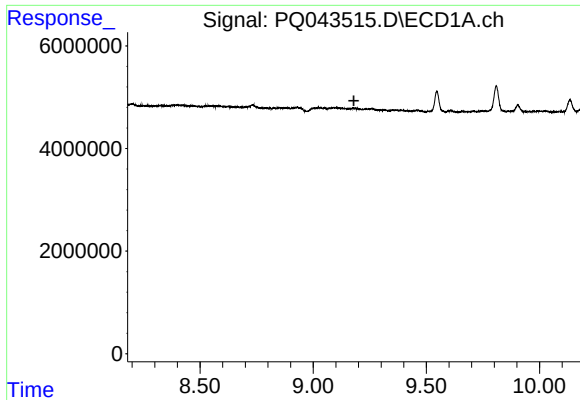
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 8.908 min
Response: 0
Conc: N.D.



#31 AR-1260-1

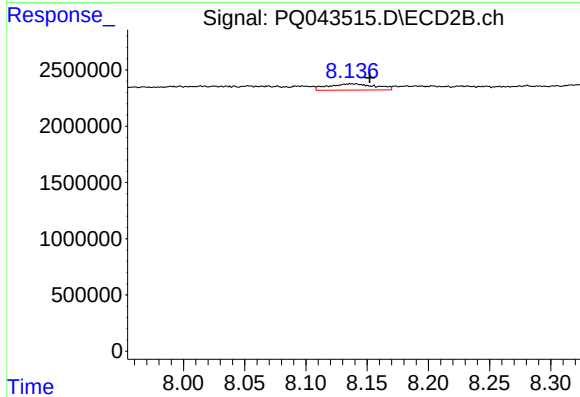
R.T.: 7.936 min
Delta R.T.: -0.015 min
Response: 1303661
Conc: 22.46 ng/ml



#32 AR-1260-2

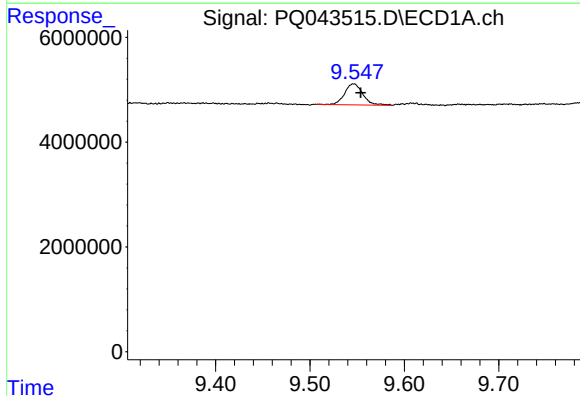
R.T.: 0.000 min
Exp R.T.: 9.180 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



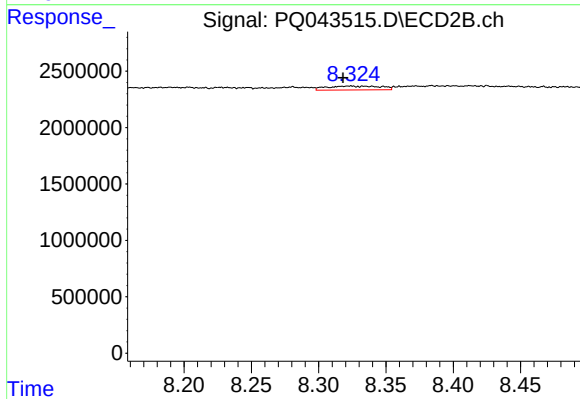
#32 AR-1260-2

R.T.: 8.137 min
Delta R.T.: -0.016 min
Response: 1471172
Conc: 19.24 ng/ml



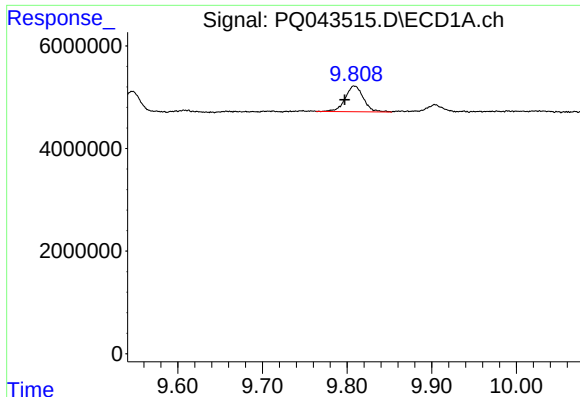
#33 AR-1260-3

R.T.: 9.546 min
Delta R.T.: -0.007 min
Response: 5361938
Conc: 39.06 ng/ml



#33 AR-1260-3

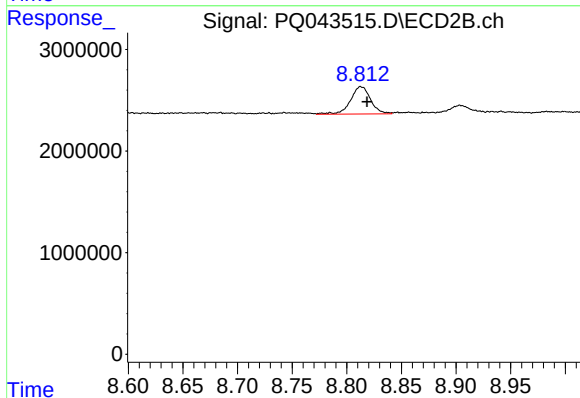
R.T.: 8.324 min
Delta R.T.: 0.006 min
Response: 974759
Conc: 13.90 ng/ml



#34 AR-1260-4

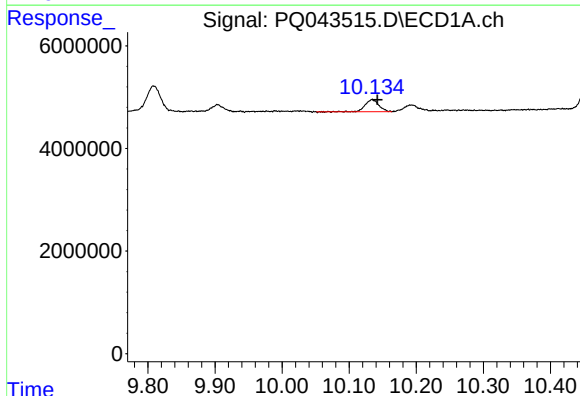
R.T.: 9.809 min
Delta R.T.: 0.011 min
Response: 7443895
Conc: 43.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



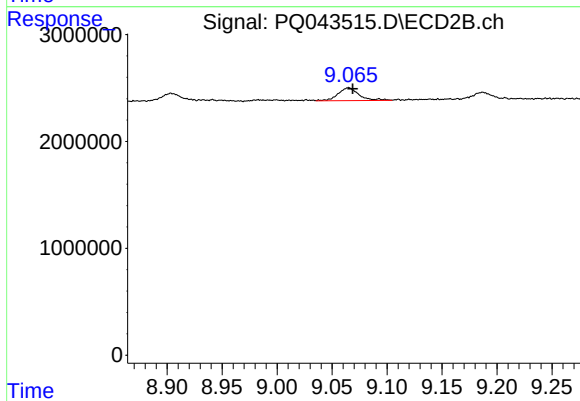
#34 AR-1260-4

R.T.: 8.813 min
Delta R.T.: -0.006 min
Response: 3456511
Conc: 52.43 ng/ml



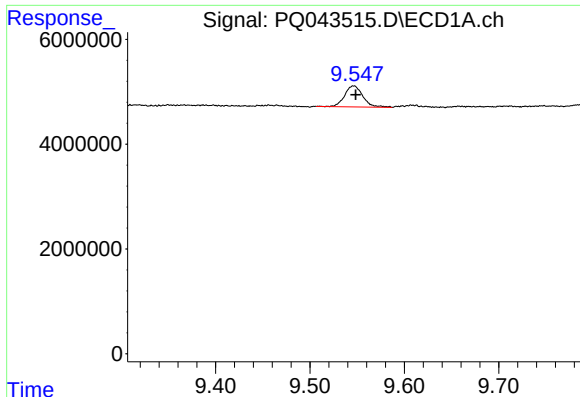
#35 AR-1260-5

R.T.: 10.134 min
Delta R.T.: -0.008 min
Response: 3391592
Conc: 8.62 ng/ml



#35 AR-1260-5

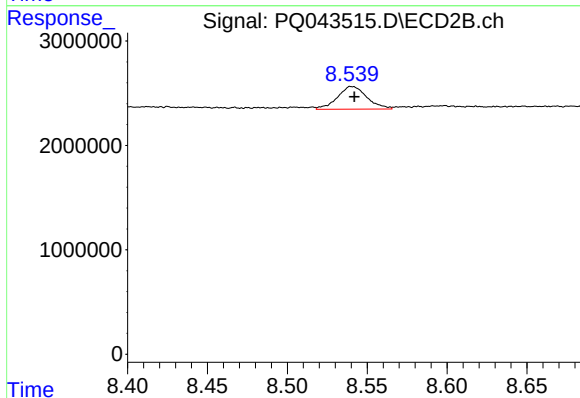
R.T.: 9.065 min
Delta R.T.: -0.004 min
Response: 1579851
Conc: 8.41 ng/ml



#36 AR-1262-1

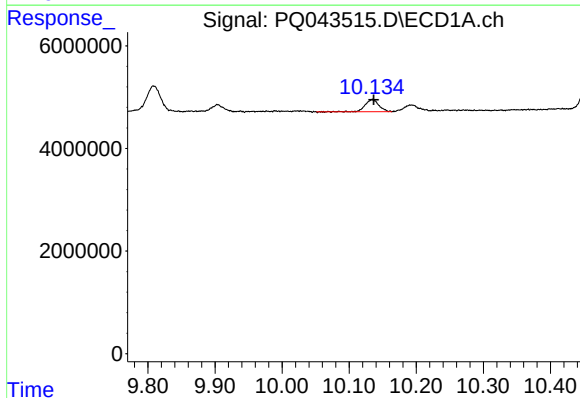
R.T.: 9.546 min
Delta R.T.: -0.002 min
Response: 5361938
Conc: 24.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



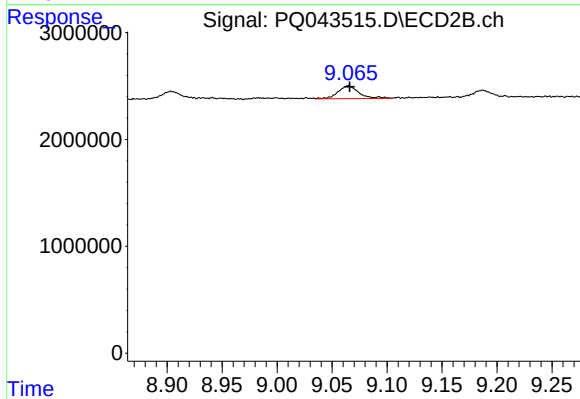
#36 AR-1262-1

R.T.: 8.541 min
Delta R.T.: -0.002 min
Response: 2809938
Conc: 28.42 ng/ml



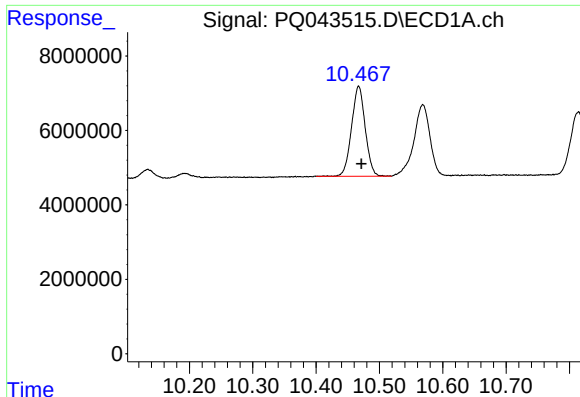
#37 AR-1262-2

R.T.: 10.134 min
Delta R.T.: -0.002 min
Response: 3391592
Conc: 6.63 ng/ml



#37 AR-1262-2

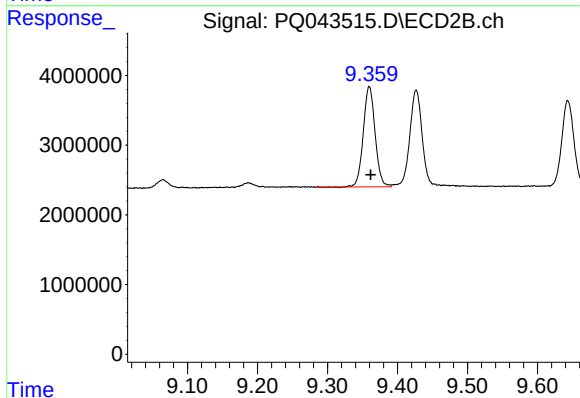
R.T.: 9.065 min
Delta R.T.: -0.001 min
Response: 1579851
Conc: 7.07 ng/ml



#38 AR-1262-3

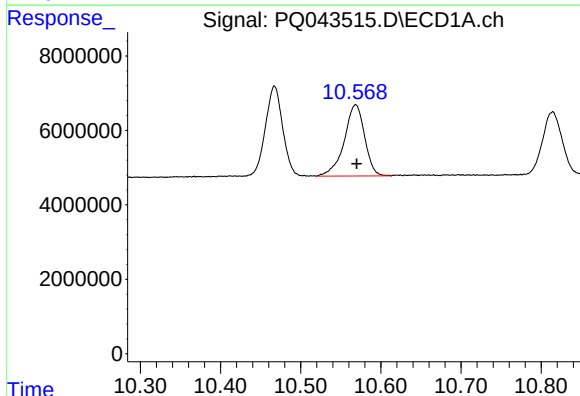
R.T.: 10.467 min
Delta R.T.: -0.004 min
Response: 36302332
Conc: 94.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



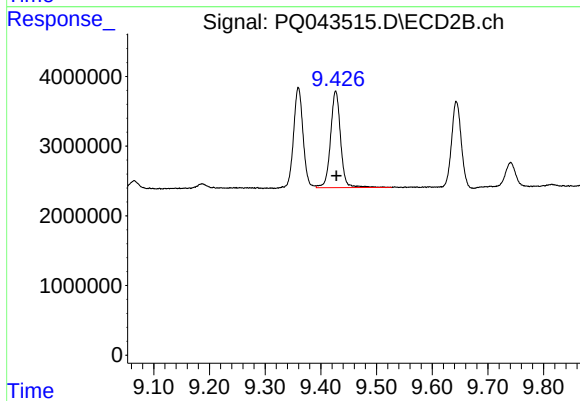
#38 AR-1262-3

R.T.: 9.360 min
Delta R.T.: -0.002 min
Response: 16905056
Conc: 146.93 ng/ml



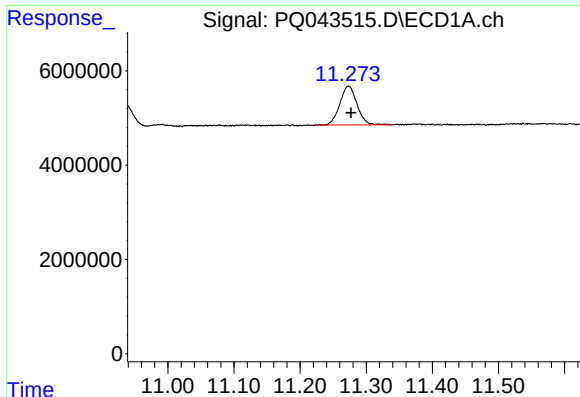
#39 AR-1262-4

R.T.: 10.569 min
Delta R.T.: -0.001 min
Response: 33992393
Conc: 199.11 ng/ml



#39 AR-1262-4

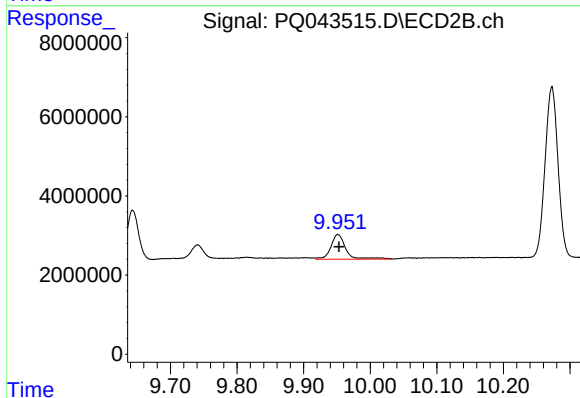
R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 17447372
Conc: 77.44 ng/ml



#40 AR-1262-5

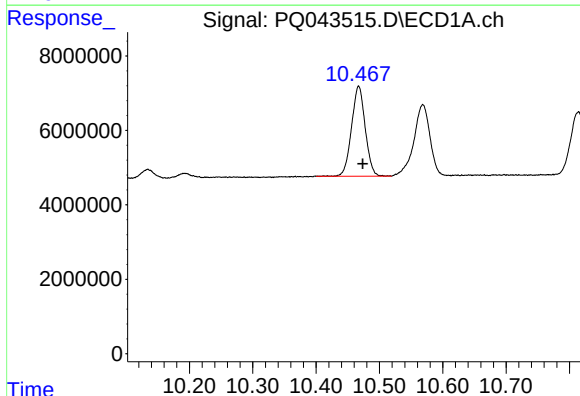
R.T.: 11.273 min
Delta R.T.: -0.004 min
Response: 14845866
Conc: 51.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



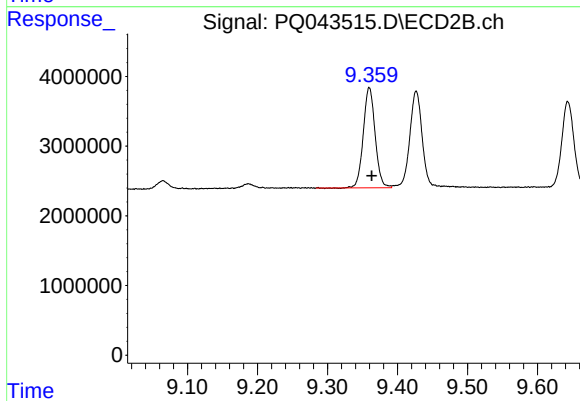
#40 AR-1262-5

R.T.: 9.952 min
Delta R.T.: -0.002 min
Response: 9596490
Conc: 62.12 ng/ml



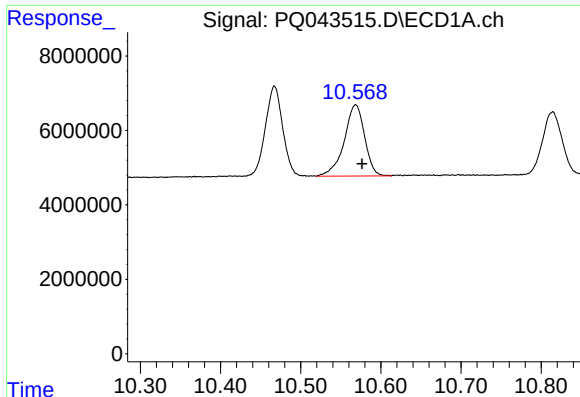
#41 AR-1268-1

R.T.: 10.467 min
Delta R.T.: -0.007 min
Response: 36302332
Conc: 56.68 ng/ml



#41 AR-1268-1

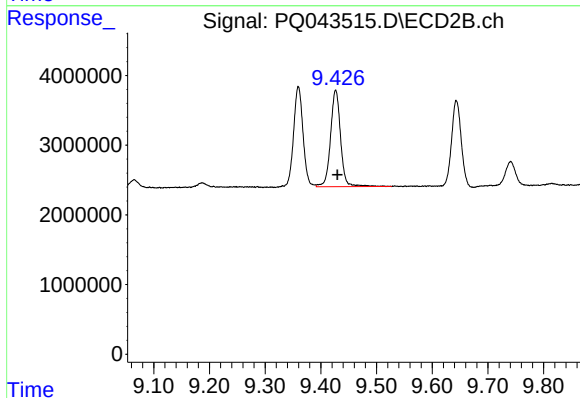
R.T.: 9.360 min
Delta R.T.: -0.003 min
Response: 16905056
Conc: 51.71 ng/ml



#42 AR-1268-2

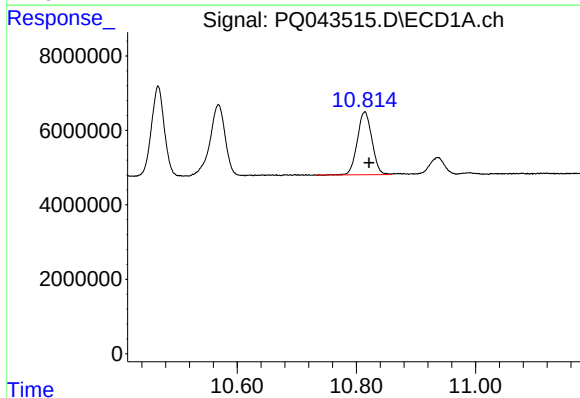
R.T.: 10.569 min
Delta R.T.: -0.008 min
Response: 33992393
Conc: 54.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



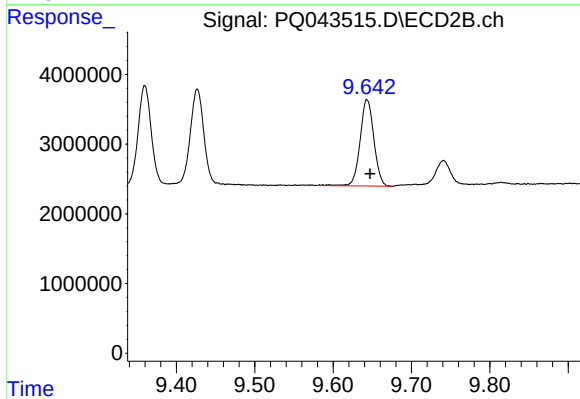
#42 AR-1268-2

R.T.: 9.427 min
Delta R.T.: -0.003 min
Response: 17447372
Conc: 54.55 ng/ml



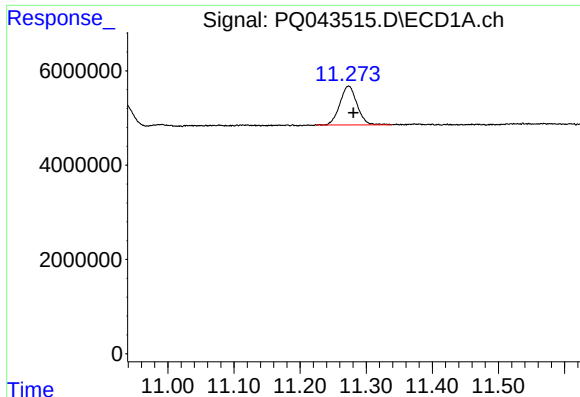
#43 AR-1268-3

R.T.: 10.814 min
Delta R.T.: -0.007 min
Response: 28719527
Conc: 54.18 ng/ml



#43 AR-1268-3

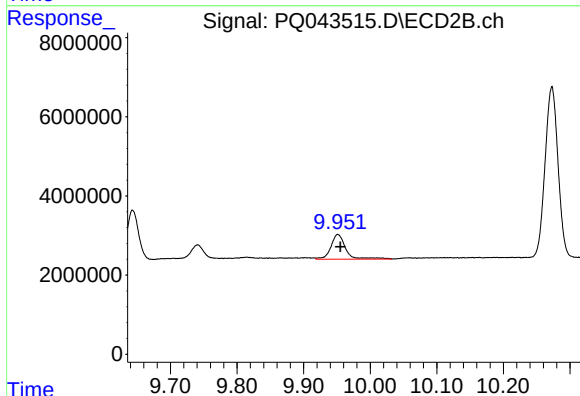
R.T.: 9.644 min
Delta R.T.: -0.004 min
Response: 15208304
Conc: 53.67 ng/ml



#44 AR-1268-4

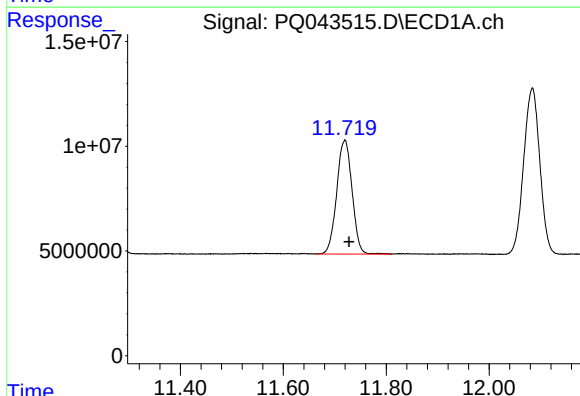
R.T.: 11.273 min
Delta R.T.: -0.008 min
Response: 14845866
Conc: 51.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



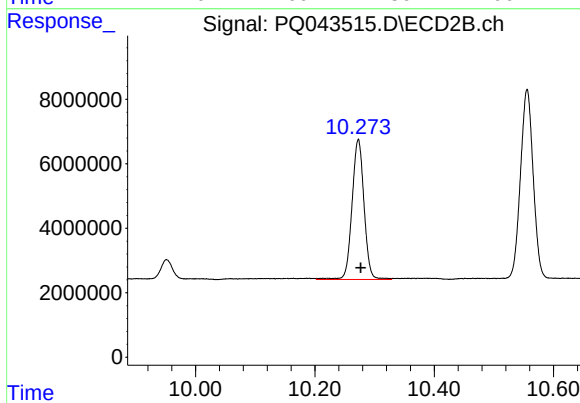
#44 AR-1268-4

R.T.: 9.952 min
Delta R.T.: -0.004 min
Response: 9596490
Conc: 59.05 ng/ml



#45 AR-1268-5

R.T.: 11.720 min
Delta R.T.: -0.008 min
Response: 112628772
Conc: 47.24 ng/ml



#45 AR-1268-5

R.T.: 10.273 min
Delta R.T.: -0.004 min
Response: 60821918
Conc: 48.43 ng/ml