Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2021 00:27
Operator : AJ\MA
Sample : M4068-08
Misc : AR1221 LOQ 50 PPB
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 02:27:06 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 30 02:09:05 2021
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...	5.245	4.319	360.6E6	212.2E6	20.510	20.638	
2)	SA Decachlor...	11.436	9.723	366.7E6	193.1E6	23.247	21.569	
	Target Compounds							
3)	L1 AR-1016-1	6.569	5.592	2512649	1071736	4.261	2.990	#
4)	L1 AR-1016-2	6.590	5.614	3337378	2671203	3.713	5.189	#
5)	L1 AR-1016-3	0.000	5.806	0	1110134	N.D.	4.145	#
6)	L1 AR-1016-4	0.000	5.876	0	959595	N.D.	4.424	#
8)	L2 AR-1221-1	5.492	4.580	12238422	5510350	58.709	51.088	
9)	L2 AR-1221-2	5.596	4.681	13763100	6375539	78.655	82.271	
10)	L2 AR-1221-3	5.681	4.771	30194416	14484739	67.139	56.245	
11)	L3 AR-1232-1	5.681	4.771	30194416	14484739	79.526	66.647	
12)	L3 AR-1232-2	0.000	5.614	0	2671203	N.D.	12.679	#
13)	L3 AR-1232-3	6.590	5.806	3337378	1110134	8.762	10.115	
14)	L3 AR-1232-4	0.000	5.900	0	461264	N.D.	4.752	#
16)	L4 AR-1242-1	6.569	5.592	2512649	1071736	5.746	4.023	#
17)	L4 AR-1242-2	6.590	5.614	3337378	2671203	4.970	6.896	#
18)	L4 AR-1242-3	0.000	5.806	0	1110134	N.D.	5.505	#
19)	L4 AR-1242-4	0.000	5.900	0	461264	N.D.	2.356	#
20)	L4 AR-1242-5	0.000	6.464	0	2226499	N.D.	8.830	#
21)	L5 AR-1248-1	6.569	5.592	2512649	1071736	7.388	5.355	#
22)	L5 AR-1248-2	0.000	5.876	0	959595	N.D.	3.413	#
23)	L5 AR-1248-3	0.000	5.900	0	461264	N.D.	1.577	#
24)	L5 AR-1248-4	7.485f	0.000	3869800	0	6.377	N.D.	#
25)	L5 AR-1248-5	0.000	6.496f	0	2228757	N.D.	6.405	#
26)	L6 AR-1254-1	7.485	6.464	3869800	2226499	6.592	4.025	#
27)	L6 AR-1254-2	0.000	6.625	0	2593702	N.D.	5.481	#
28)	L6 AR-1254-3	0.000	7.055	0	1024267	N.D.	1.305	#
29)	L6 AR-1254-4	0.000	7.294	0	238568	N.D.	0.500	#
30)	L6 AR-1254-5	0.000	7.725	0	371236	N.D.	0.555	#
31)	L7 AR-1260-1	0.000	7.210	0	411866	N.D.	0.822	#
32)	L7 AR-1260-2	0.000	7.388	0	447381	N.D.	0.740	#
33)	L7 AR-1260-3	0.000	7.535f	0	1539368	N.D.	2.695	#
35)	L7 AR-1260-5	0.000	8.274	0	1147631	N.D.	0.994	#
36)	L8 AR-1262-1	0.000	7.725	0	371236	N.D.	1.091	#
37)	L8 AR-1262-2	0.000	8.274	0	1147631	N.D.	0.931	#
38)	L8 AR-1262-3	0.000	8.598f	0	8490432	N.D.	18.369	#
40)	L8 AR-1262-5	0.000	9.159	0	1949277	N.D.	4.854	#
41)	L9 AR-1268-1	0.000	8.598f	0	8490432	N.D.	6.001	#
43)	L9 AR-1268-3	0.000	8.843	0	1377460	N.D.	1.259	#
44)	L9 AR-1268-4	0.000	9.159	0	1949277	N.D.	4.315	#
45)	L9 AR-1268-5	0.000	9.452	0	1195411	N.D.	0.338	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2021 00:27
Operator : AJ\MA
Sample : M4068-08
Misc : AR1221 LOQ 50 PPB
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 02:27:06 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 30 02:09:05 2021
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

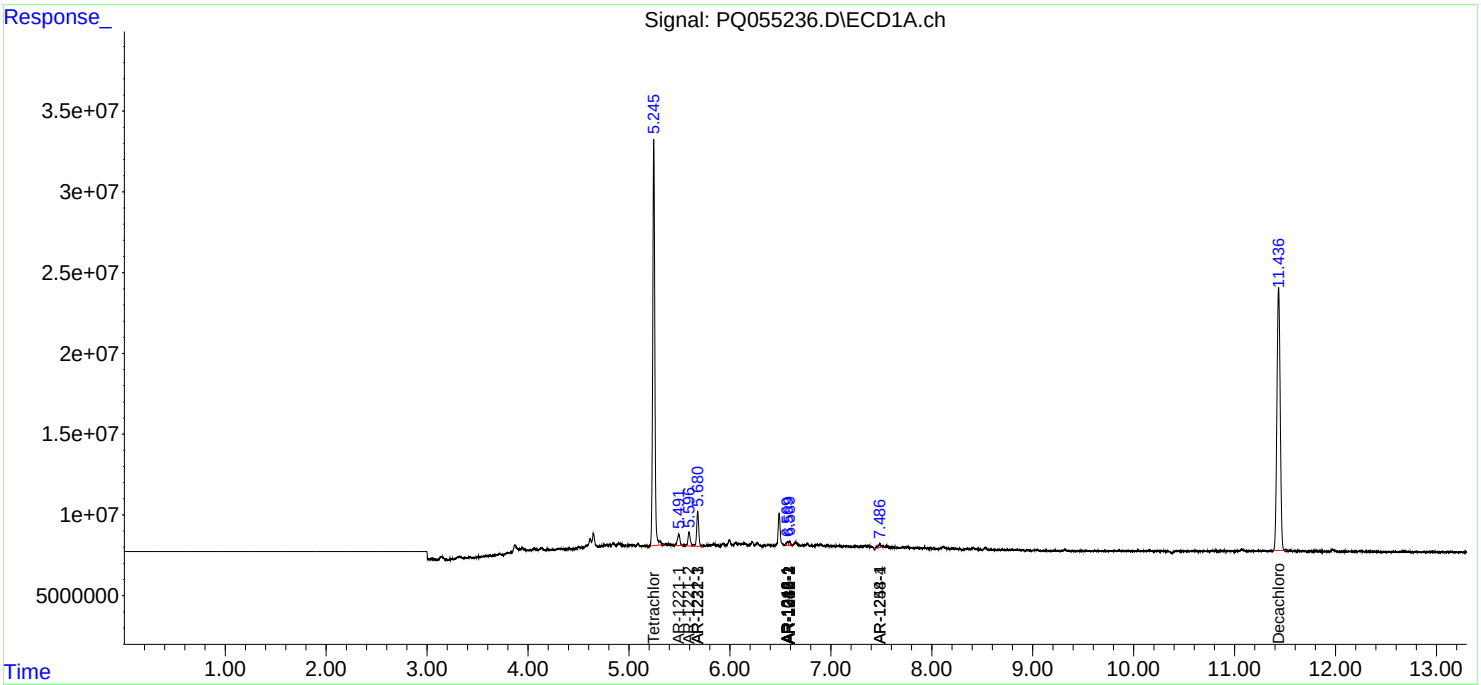
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

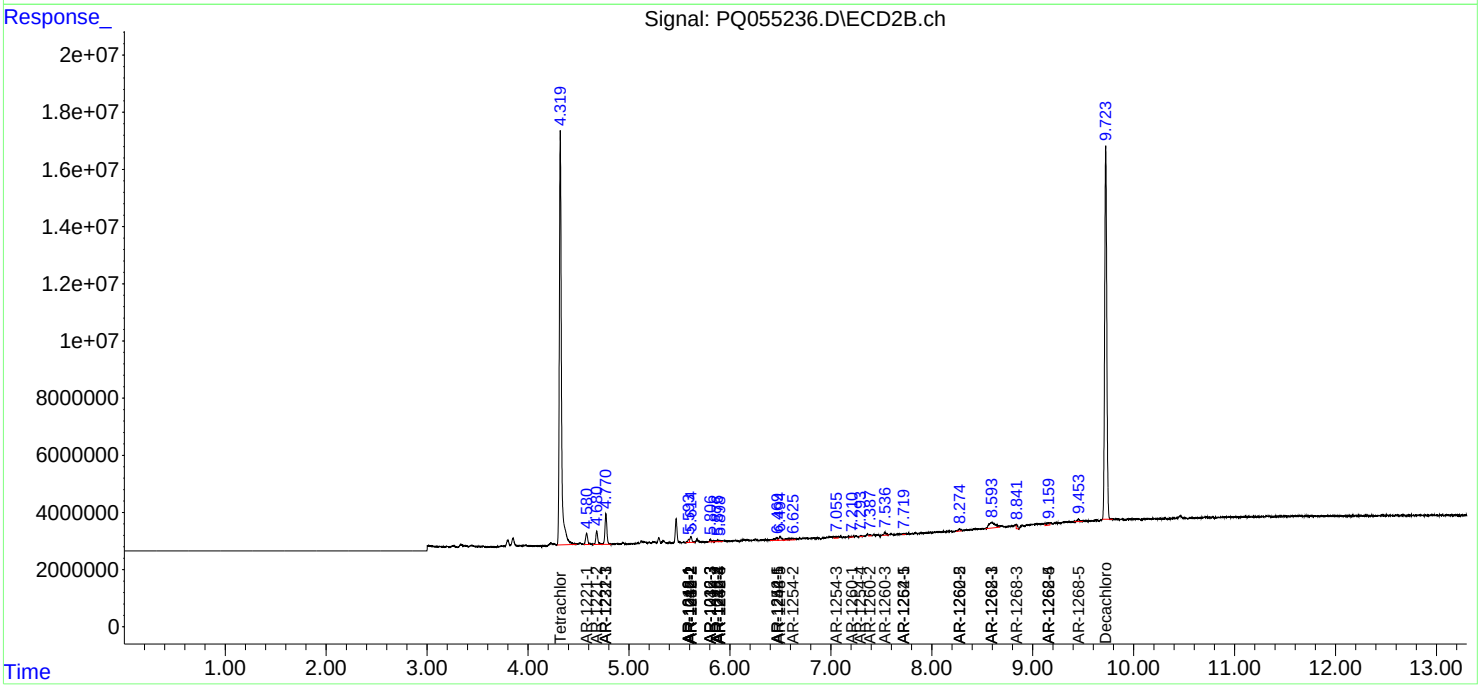
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
Data File : PQ055236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2021 00:27
Operator : AJ\MA
Sample : M4068-08
Misc : AR1221 LOQ 50 PPB
ALS Vial : 35 Sample Multiplier: 1

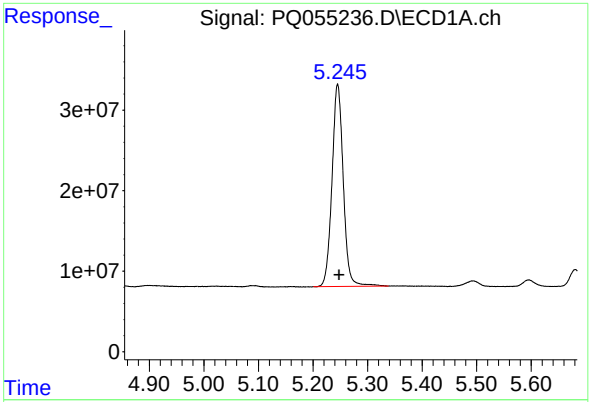
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 02:27:06 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 30 02:09:05 2021
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



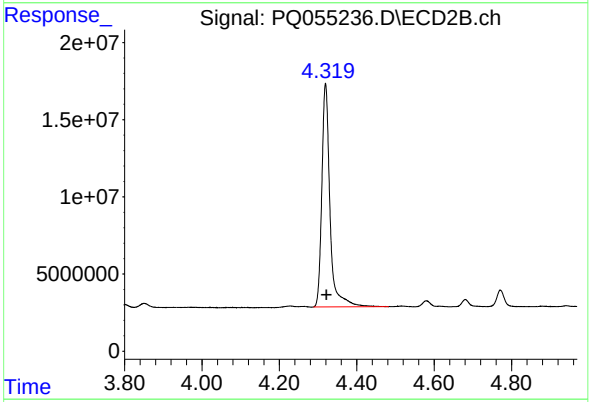




#1 Tetrachloro-m-xylene

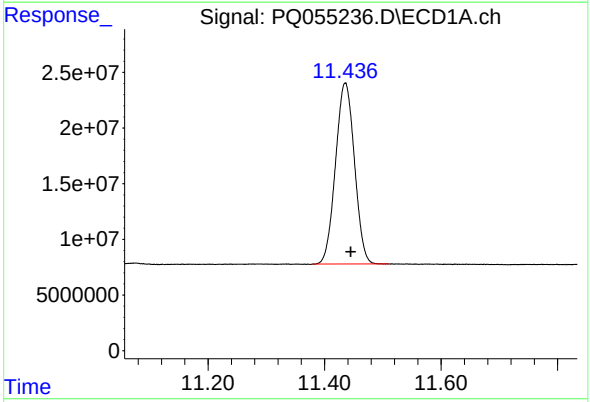
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 360608223
Conc: 20.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



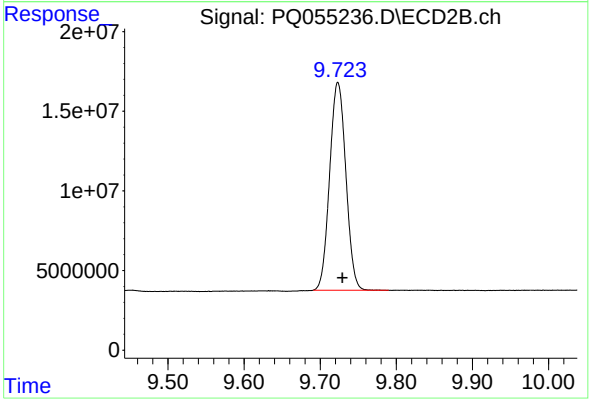
#1 Tetrachloro-m-xylene

R.T.: 4.319 min
Delta R.T.: -0.003 min
Response: 212227935
Conc: 20.64 ng/ml



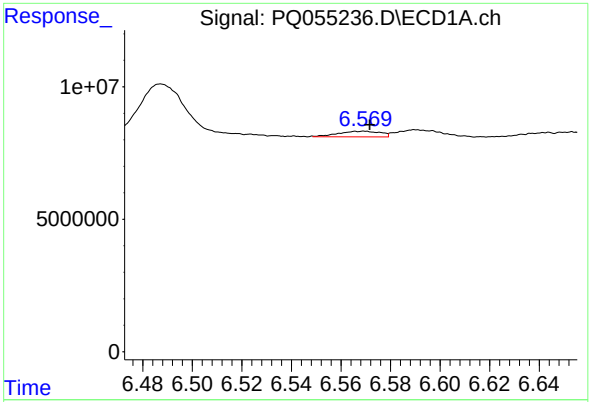
#2 Decachlorobiphenyl

R.T.: 11.436 min
Delta R.T.: -0.009 min
Response: 366677060
Conc: 23.25 ng/ml



#2 Decachlorobiphenyl

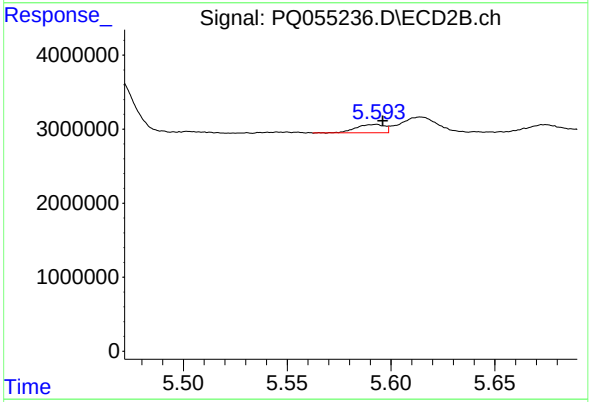
R.T.: 9.723 min
Delta R.T.: -0.006 min
Response: 193129173
Conc: 21.57 ng/ml



#3 AR-1016-1

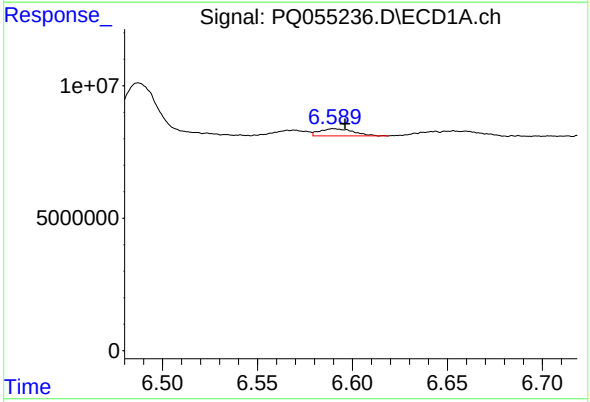
R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 2512649
Conc: 4.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



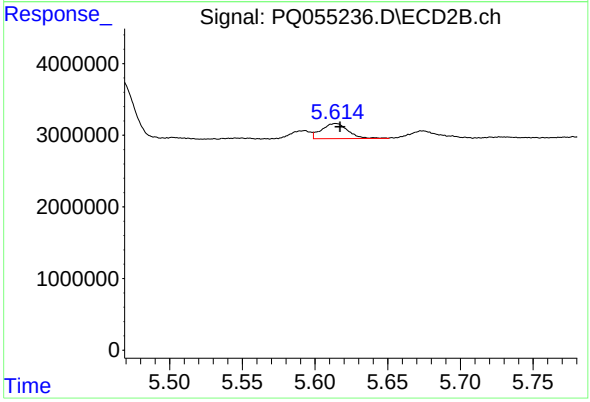
#3 AR-1016-1

R.T.: 5.592 min
Delta R.T.: -0.004 min
Response: 1071736
Conc: 2.99 ng/ml



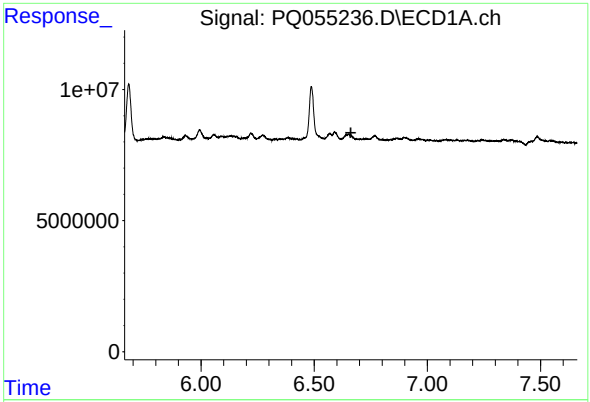
#4 AR-1016-2

R.T.: 6.590 min
Delta R.T.: -0.006 min
Response: 3337378
Conc: 3.71 ng/ml



#4 AR-1016-2

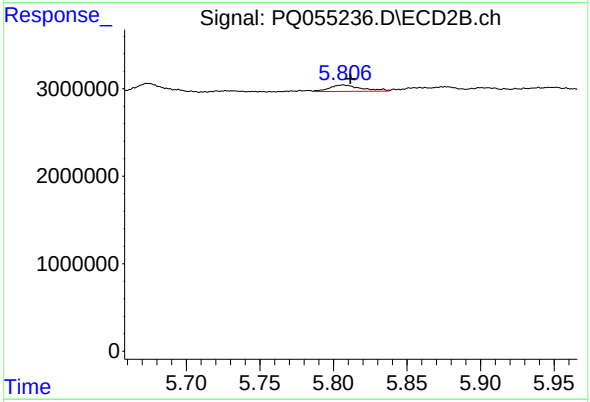
R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 2671203
Conc: 5.19 ng/ml



#5 AR-1016-3

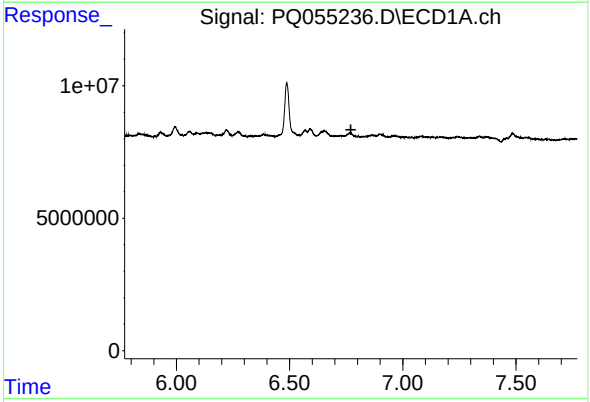
R.T.: 0.000 min
Exp R.T. : 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



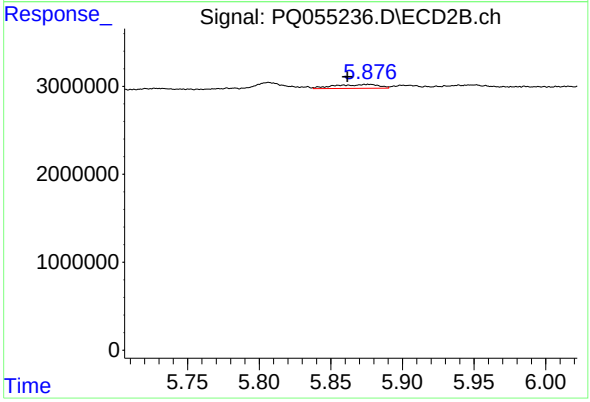
#5 AR-1016-3

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 1110134
Conc: 4.15 ng/ml



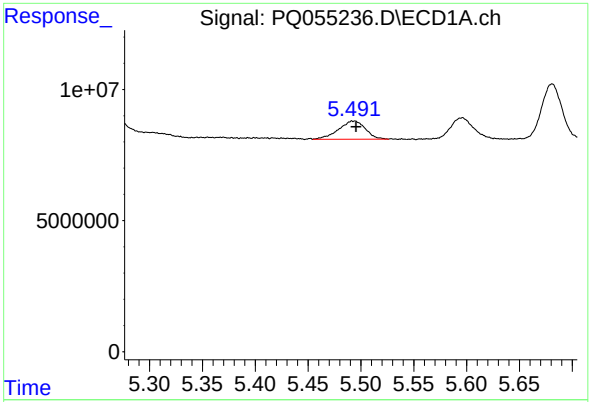
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.771 min
Response: 0
Conc: N.D.



#6 AR-1016-4

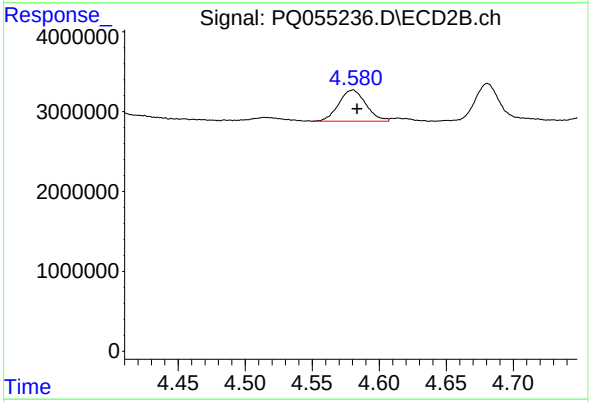
R.T.: 5.876 min
Delta R.T.: 0.015 min
Response: 959595
Conc: 4.42 ng/ml



#8 AR-1221-1

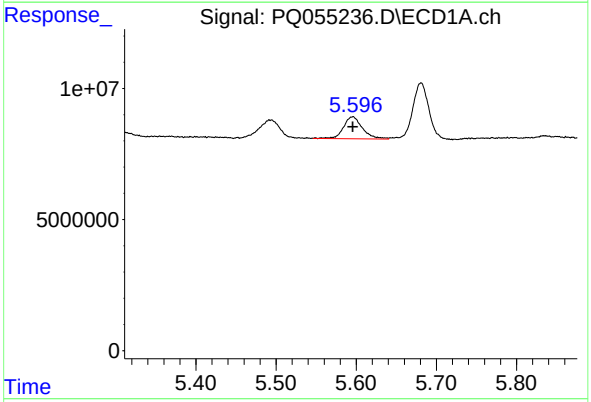
R.T.: 5.492 min
Delta R.T.: -0.004 min
Response: 12238422
Conc: 58.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



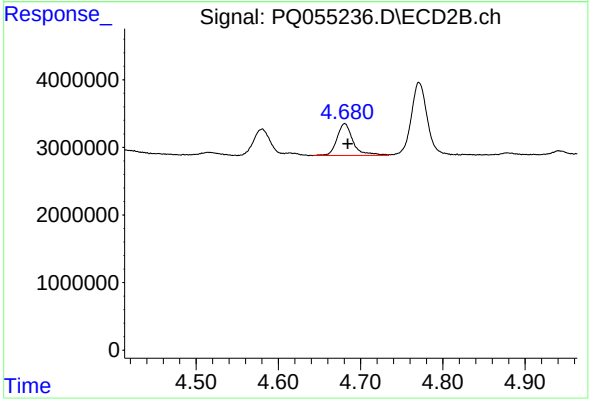
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 5510350
Conc: 51.09 ng/ml



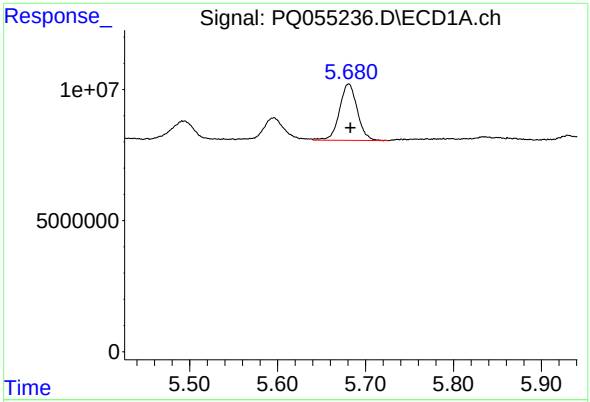
#9 AR-1221-2

R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 13763100
Conc: 78.65 ng/ml



#9 AR-1221-2

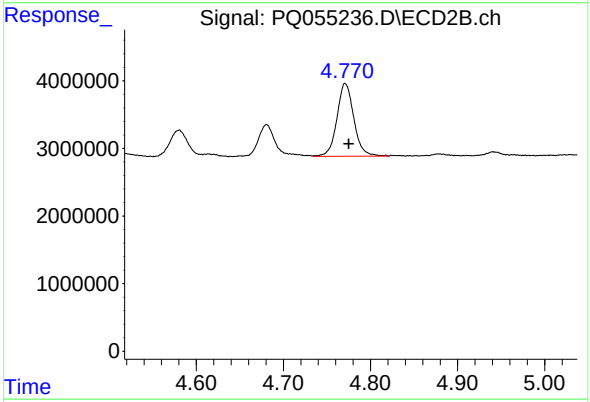
R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 6375539
Conc: 82.27 ng/ml



#10 AR-1221-3

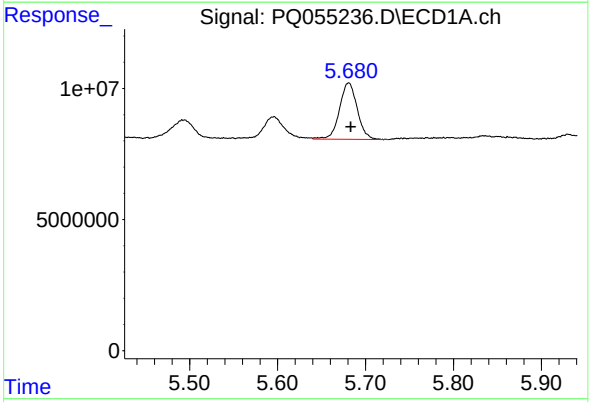
R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 30194416
Conc: 67.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



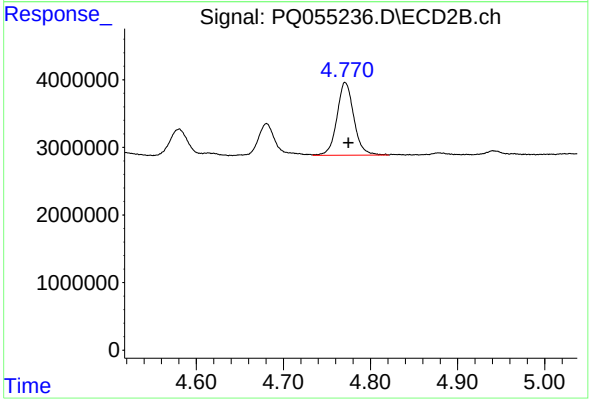
#10 AR-1221-3

R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 14484739
Conc: 56.25 ng/ml



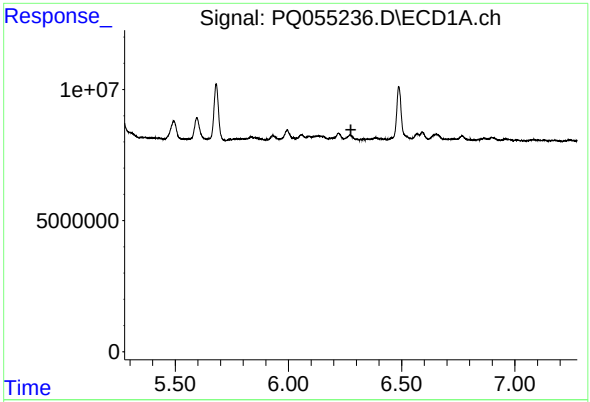
#11 AR-1232-1

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 30194416
Conc: 79.53 ng/ml



#11 AR-1232-1

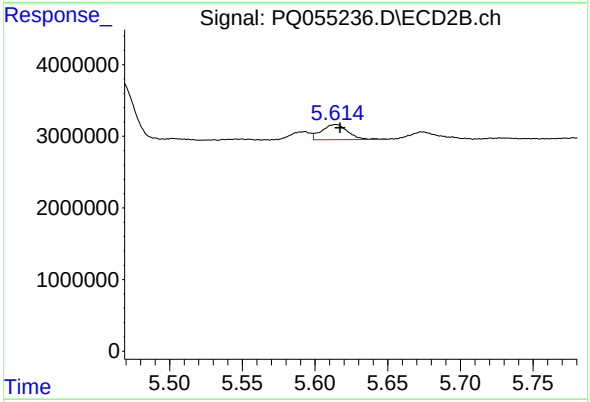
R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 14484739
Conc: 66.65 ng/ml



#12 AR-1232-2

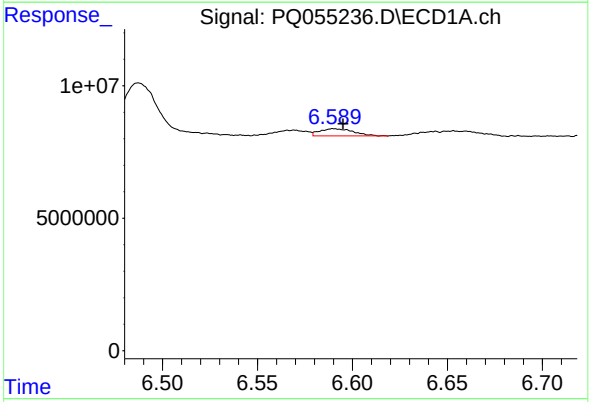
R.T.: 0.000 min
Exp R.T. : 6.276 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



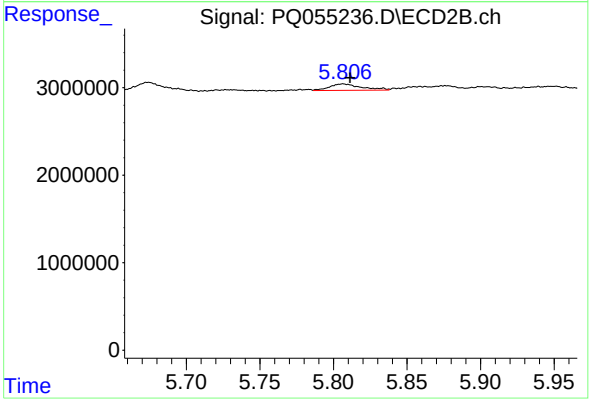
#12 AR-1232-2

R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 2671203
Conc: 12.68 ng/ml



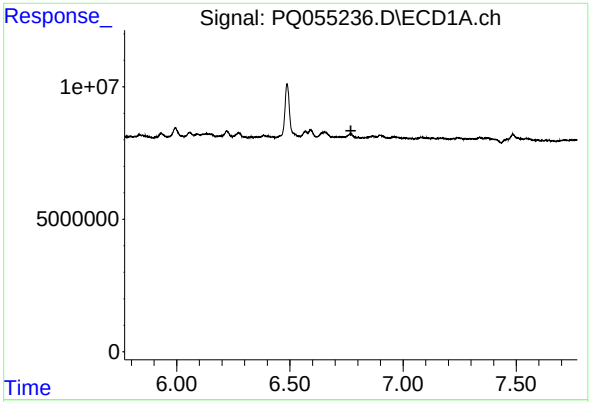
#13 AR-1232-3

R.T.: 6.590 min
Delta R.T.: -0.005 min
Response: 3337378
Conc: 8.76 ng/ml



#13 AR-1232-3

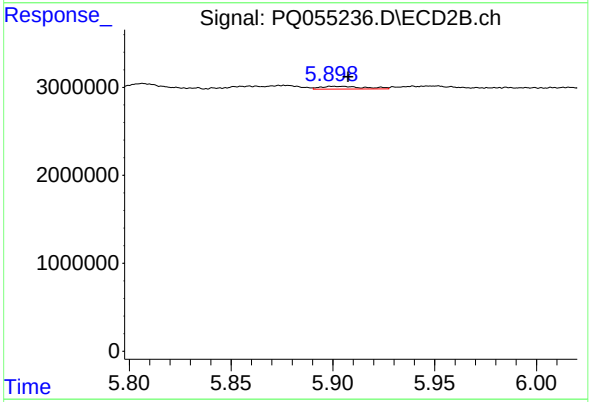
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 1110134
Conc: 10.11 ng/ml



#14 AR-1232-4

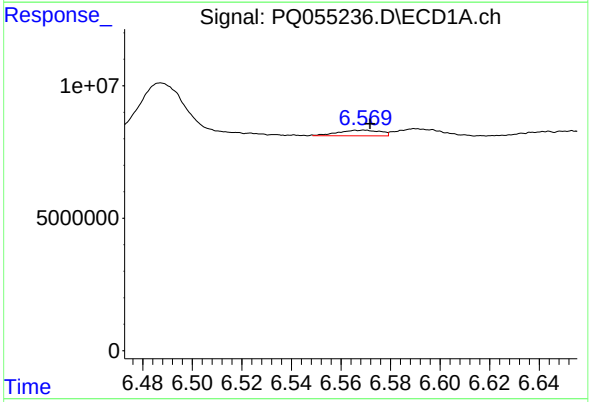
R.T.: 0.000 min
Exp R.T. : 6.769 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



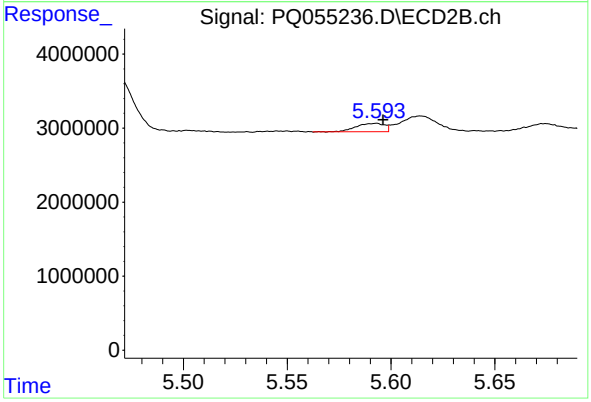
#14 AR-1232-4

R.T.: 5.900 min
Delta R.T.: -0.007 min
Response: 461264
Conc: 4.75 ng/ml



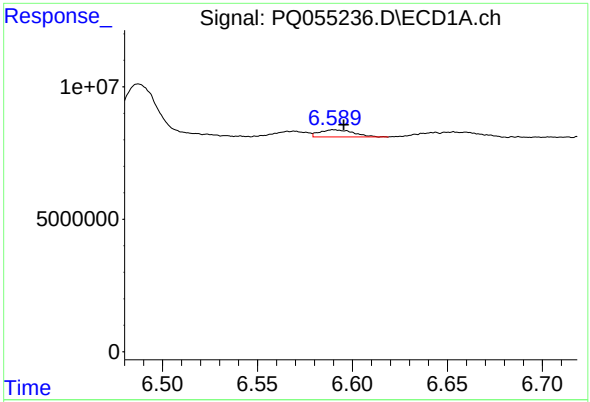
#16 AR-1242-1

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 2512649
Conc: 5.75 ng/ml



#16 AR-1242-1

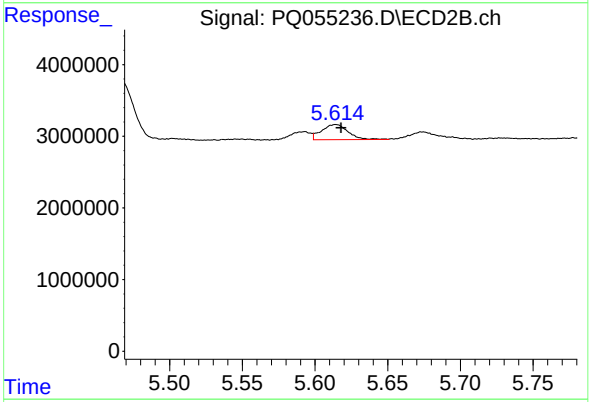
R.T.: 5.592 min
Delta R.T.: -0.004 min
Response: 1071736
Conc: 4.02 ng/ml



#17 AR-1242-2

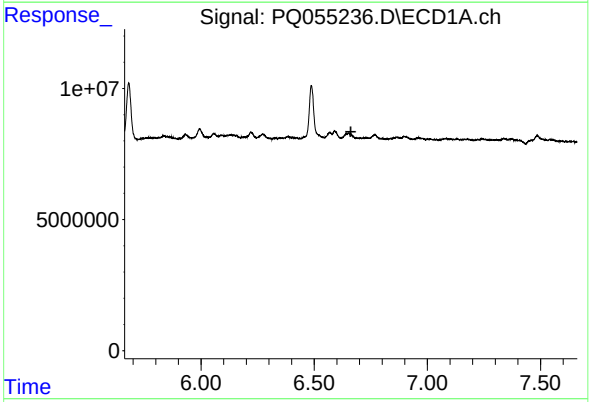
R.T.: 6.590 min
Delta R.T.: -0.005 min
Response: 3337378
Conc: 4.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



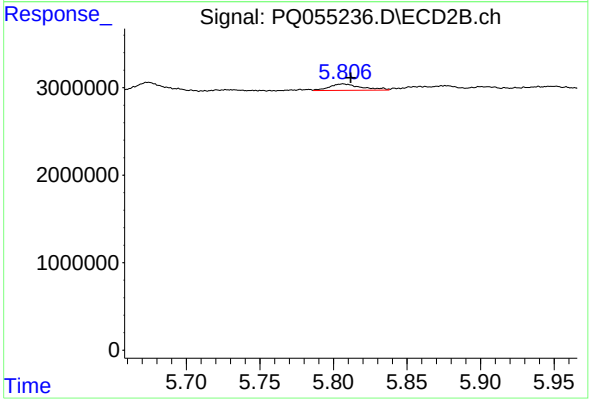
#17 AR-1242-2

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 2671203
Conc: 6.90 ng/ml



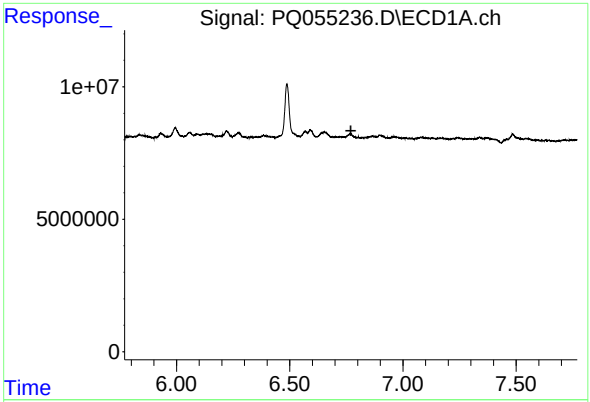
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.662 min
Response: 0
Conc: N.D.



#18 AR-1242-3

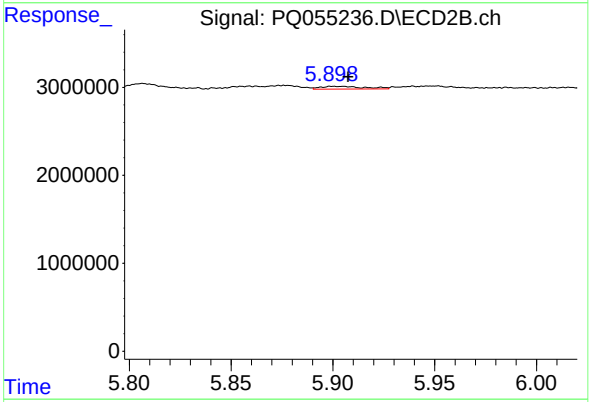
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 1110134
Conc: 5.51 ng/ml



#19 AR-1242-4

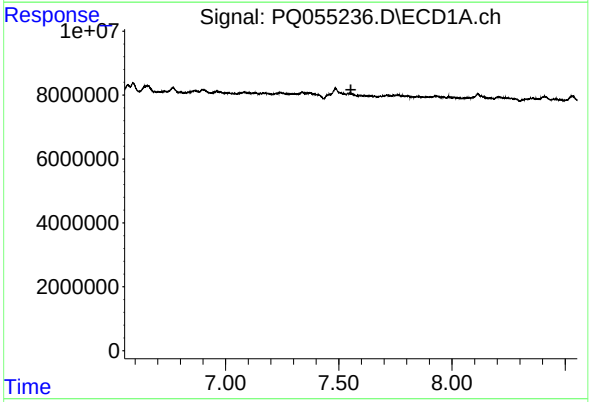
R.T.: 0.000 min
Exp R.T. : 6.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



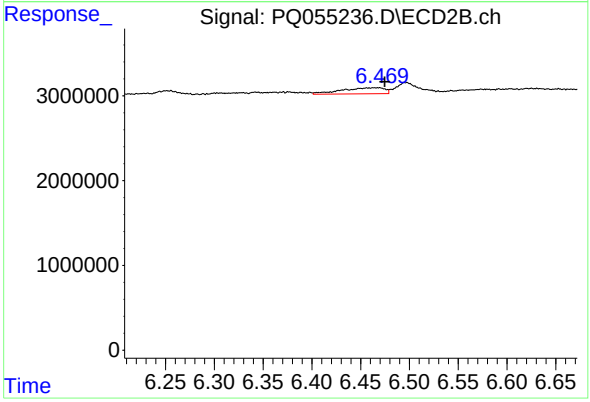
#19 AR-1242-4

R.T.: 5.900 min
Delta R.T.: -0.007 min
Response: 461264
Conc: 2.36 ng/ml



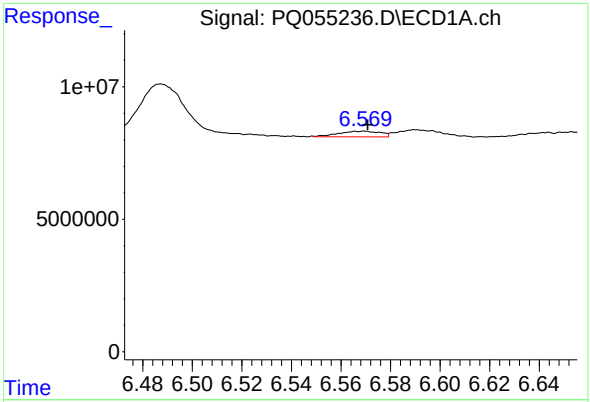
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.554 min
Response: 0
Conc: N.D.



#20 AR-1242-5

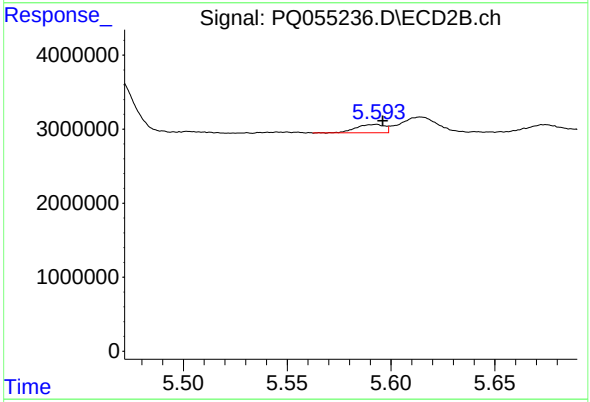
R.T.: 6.464 min
Delta R.T.: -0.011 min
Response: 2226499
Conc: 8.83 ng/ml



#21 AR-1248-1

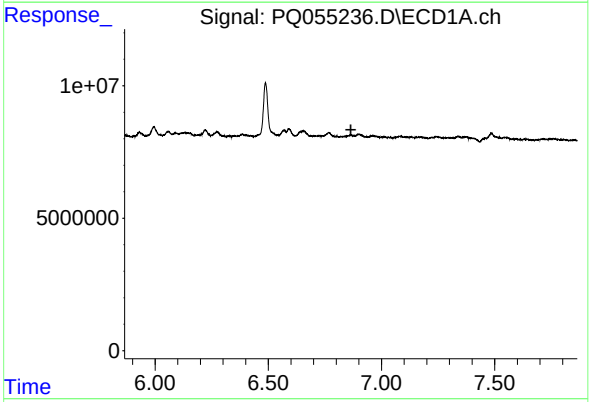
R.T.: 6.569 min
Delta R.T.: -0.001 min
Response: 2512649
Conc: 7.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



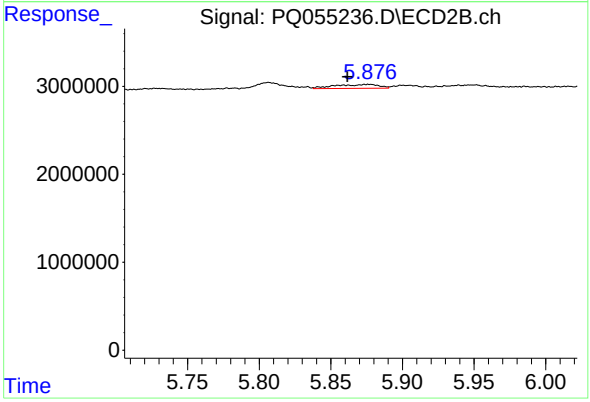
#21 AR-1248-1

R.T.: 5.592 min
Delta R.T.: -0.004 min
Response: 1071736
Conc: 5.35 ng/ml



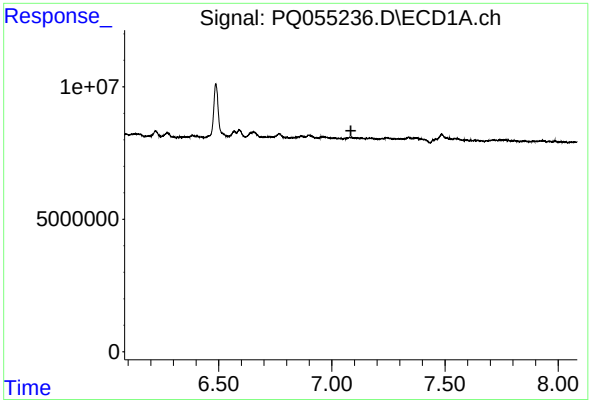
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.865 min
Response: 0
Conc: N.D.



#22 AR-1248-2

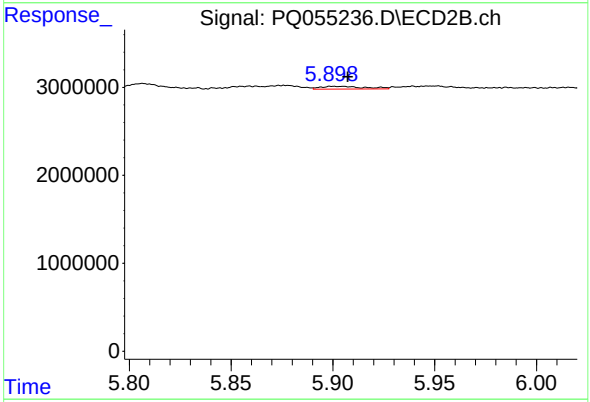
R.T.: 5.876 min
Delta R.T.: 0.015 min
Response: 959595
Conc: 3.41 ng/ml



#23 AR-1248-3

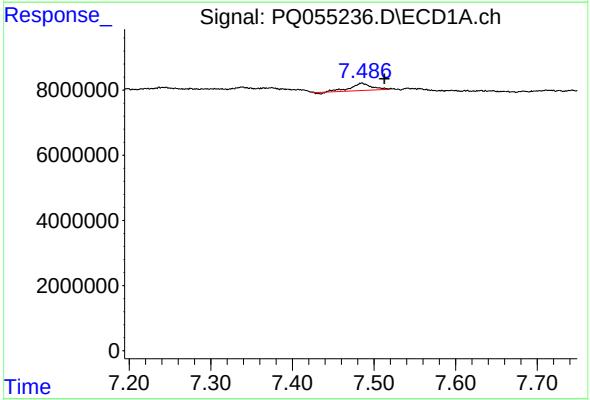
R.T.: 0.000 min
Exp R.T. : 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



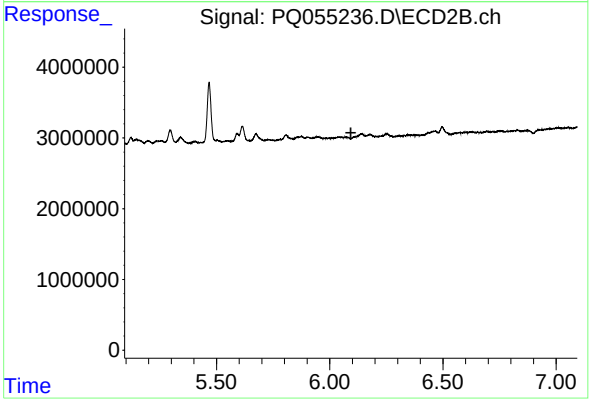
#23 AR-1248-3

R.T.: 5.900 min
Delta R.T.: -0.007 min
Response: 461264
Conc: 1.58 ng/ml



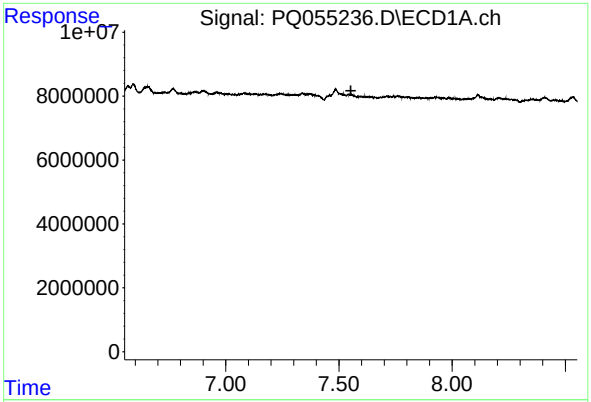
#24 AR-1248-4

R.T.: 7.485 min
Delta R.T.: -0.027 min
Response: 3869800
Conc: 6.38 ng/ml



#24 AR-1248-4

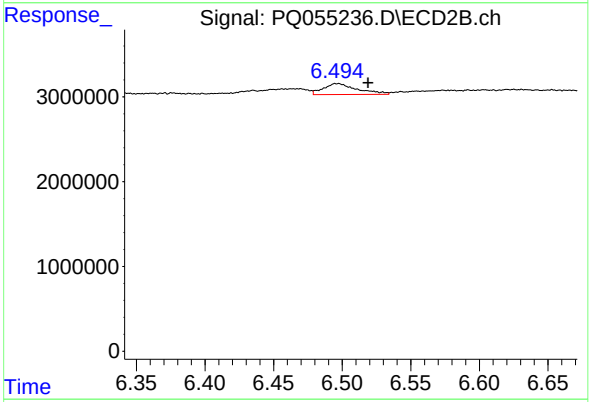
R.T.: 0.000 min
Exp R.T. : 6.094 min
Response: 0
Conc: N.D.



#25 AR-1248-5

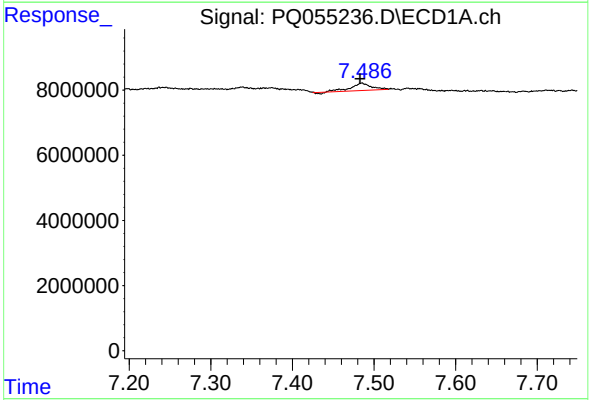
R.T.: 0.000 min
Exp R.T. : 7.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



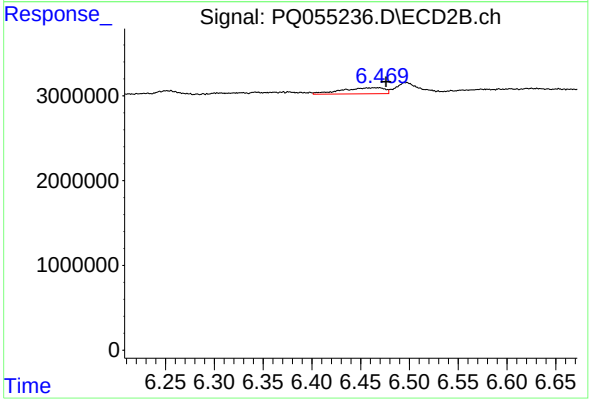
#25 AR-1248-5

R.T.: 6.496 min
Delta R.T.: -0.023 min
Response: 2228757
Conc: 6.41 ng/ml



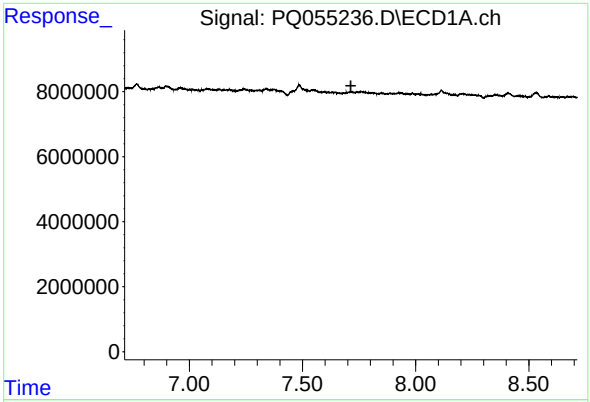
#26 AR-1254-1

R.T.: 7.485 min
Delta R.T.: 0.003 min
Response: 3869800
Conc: 6.59 ng/ml



#26 AR-1254-1

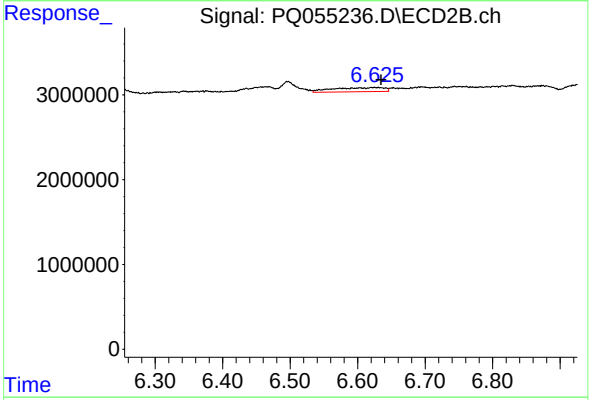
R.T.: 6.464 min
Delta R.T.: -0.012 min
Response: 2226499
Conc: 4.03 ng/ml



#27 AR-1254-2

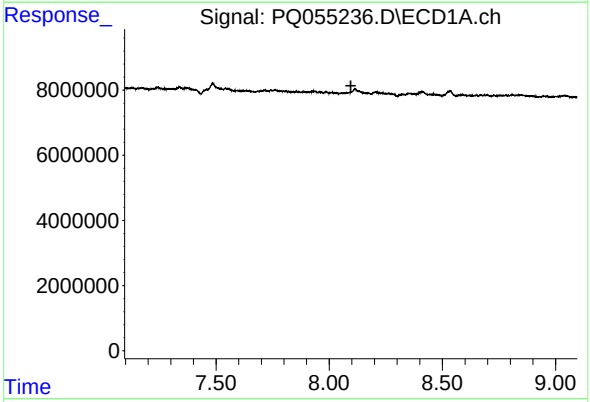
R.T.: 0.000 min
Exp R.T. : 7.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



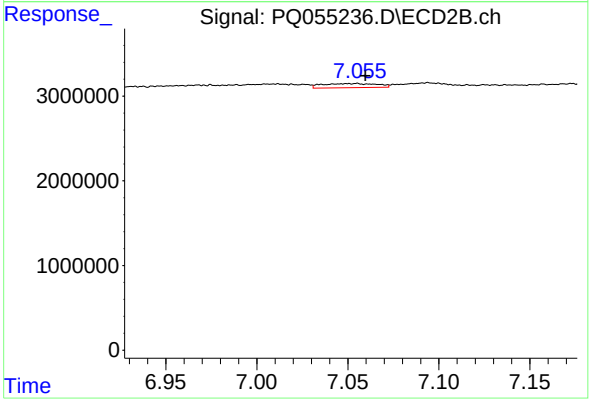
#27 AR-1254-2

R.T.: 6.625 min
Delta R.T.: -0.009 min
Response: 2593702
Conc: 5.48 ng/ml



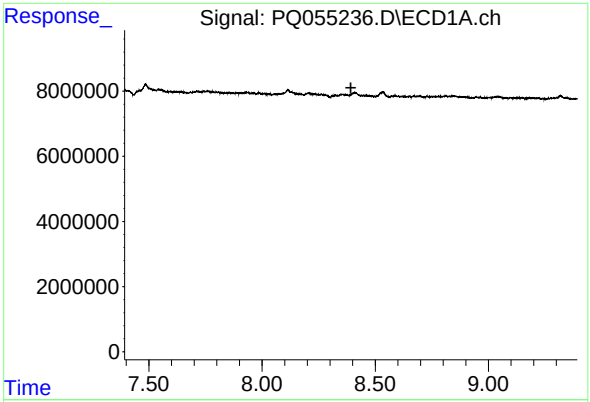
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.096 min
Response: 0
Conc: N.D.



#28 AR-1254-3

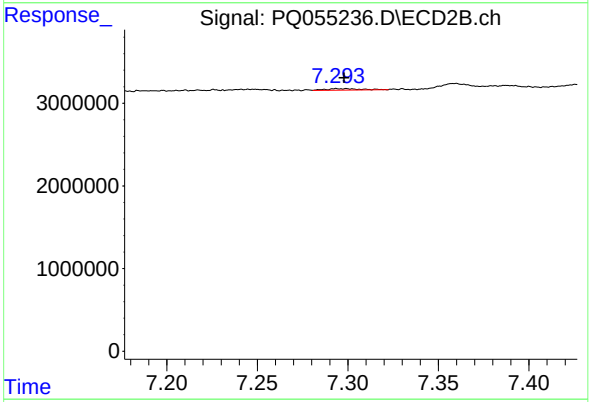
R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 1024267
Conc: 1.30 ng/ml



#29 AR-1254-4

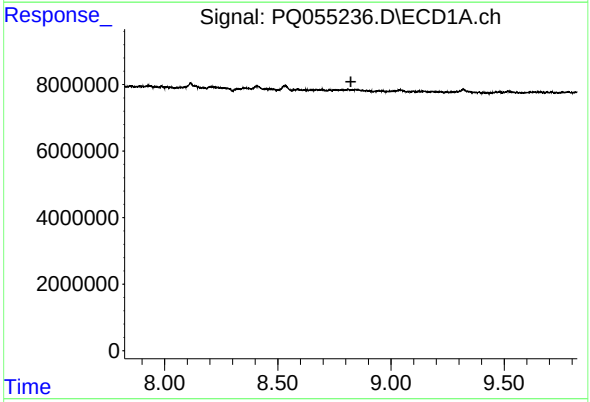
R.T.: 0.000 min
Exp R.T. : 8.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



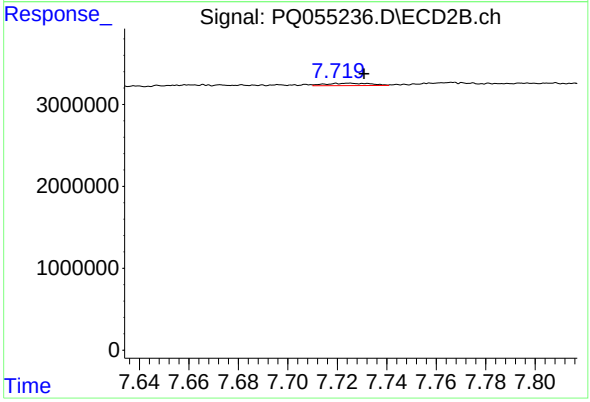
#29 AR-1254-4

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 238568
Conc: 0.50 ng/ml



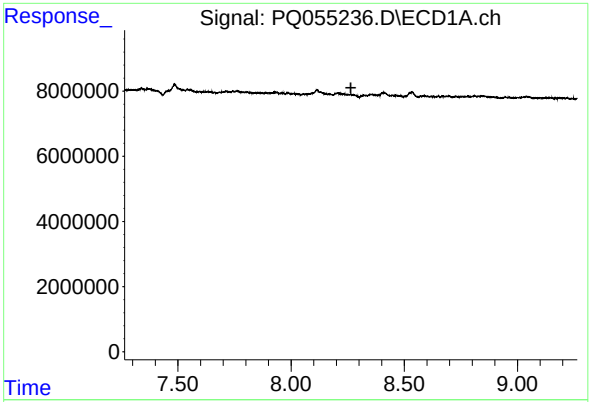
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.823 min
Response: 0
Conc: N.D.



#30 AR-1254-5

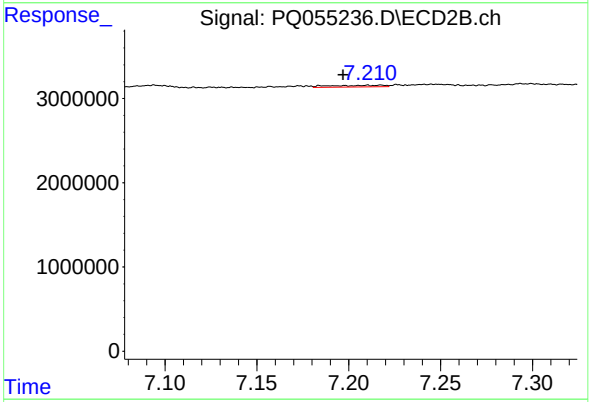
R.T.: 7.725 min
Delta R.T.: -0.006 min
Response: 371236
Conc: 0.55 ng/ml



#31 AR-1260-1

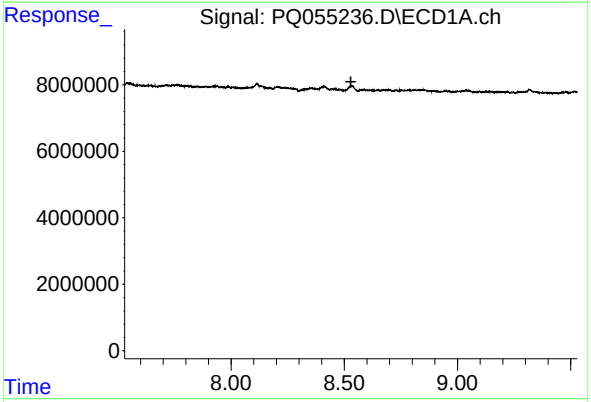
R.T.: 0.000 min
Exp R.T. : 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



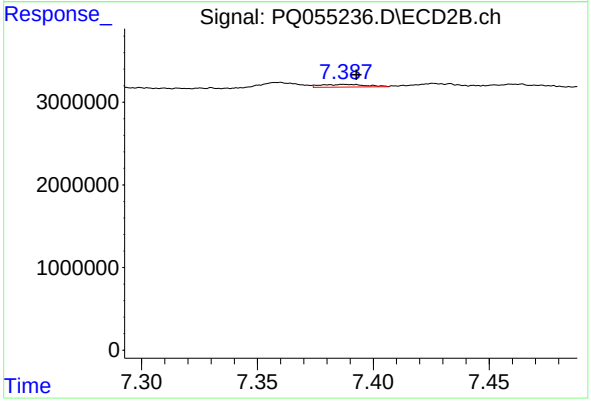
#31 AR-1260-1

R.T.: 7.210 min
Delta R.T.: 0.014 min
Response: 411866
Conc: 0.82 ng/ml



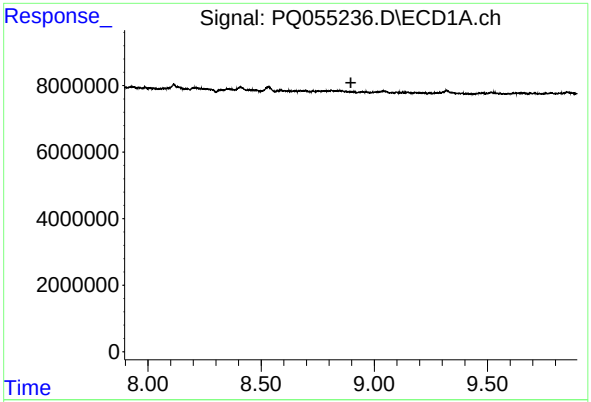
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 8.529 min
Response: 0
Conc: N.D.



#32 AR-1260-2

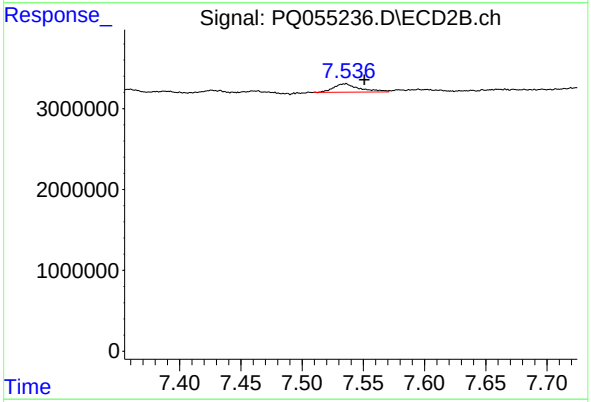
R.T.: 7.388 min
Delta R.T.: -0.005 min
Response: 447381
Conc: 0.74 ng/ml



#33 AR-1260-3

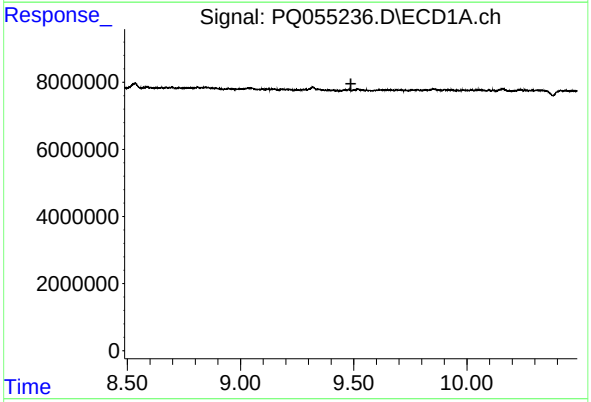
R.T.: 0.000 min
Exp R.T. : 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



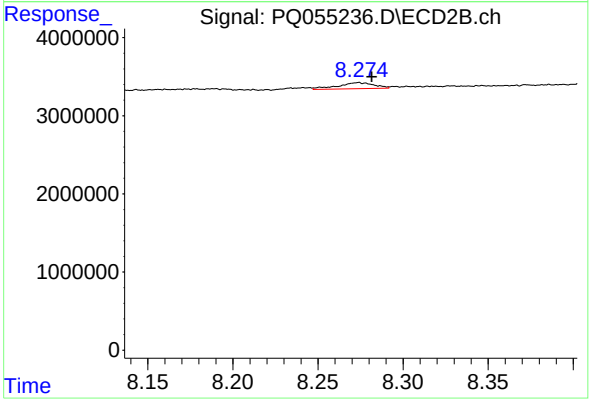
#33 AR-1260-3

R.T.: 7.535 min
Delta R.T.: -0.016 min
Response: 1539368
Conc: 2.70 ng/ml



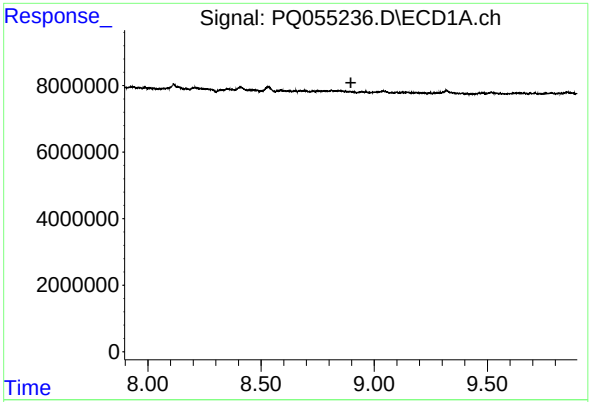
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.488 min
Response: 0
Conc: N.D.



#35 AR-1260-5

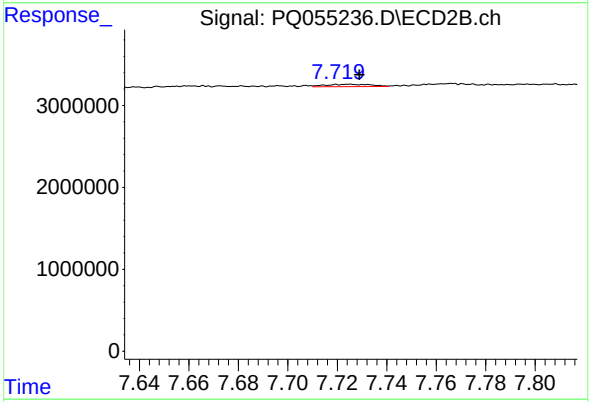
R.T.: 8.274 min
Delta R.T.: -0.008 min
Response: 1147631
Conc: 0.99 ng/ml



#36 AR-1262-1

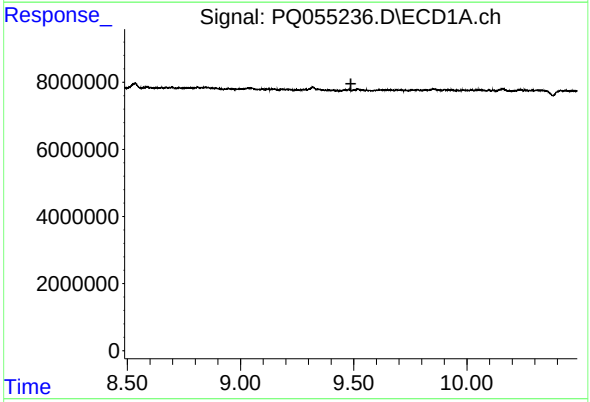
R.T.: 0.000 min
Exp R.T. : 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



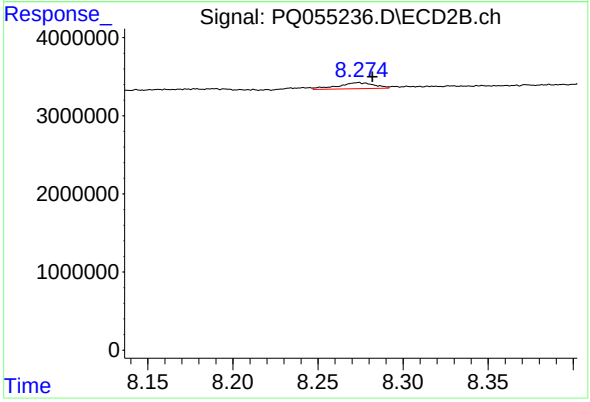
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: -0.004 min
Response: 371236
Conc: 1.09 ng/ml



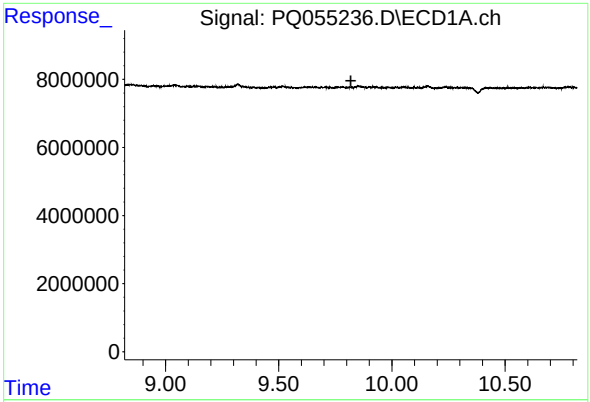
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.487 min
Response: 0
Conc: N.D.



#37 AR-1262-2

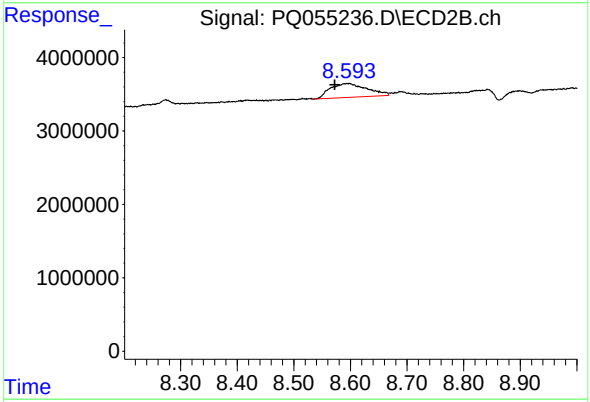
R.T.: 8.274 min
Delta R.T.: -0.008 min
Response: 1147631
Conc: 0.93 ng/ml



#38 AR-1262-3

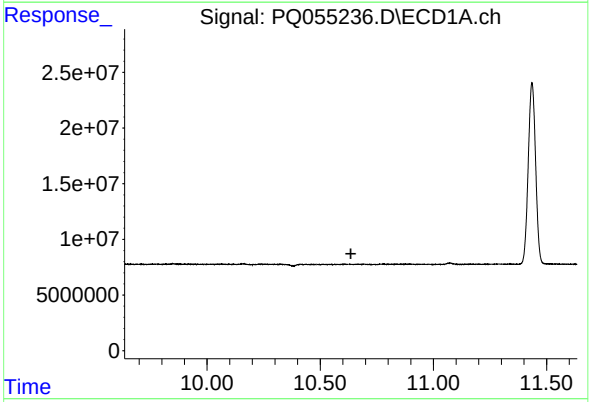
R.T.: 0.000 min
Exp R.T. : 9.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



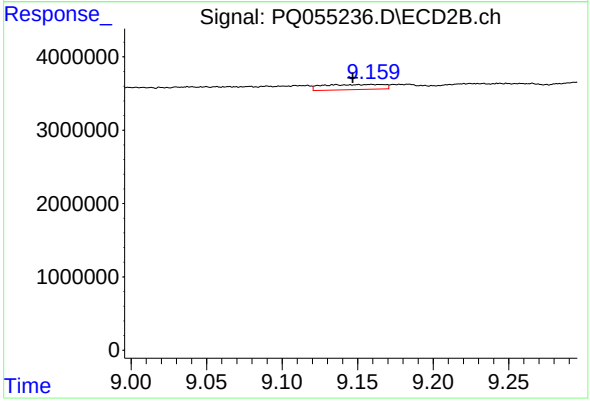
#38 AR-1262-3

R.T.: 8.598 min
Delta R.T.: 0.026 min
Response: 8490432
Conc: 18.37 ng/ml



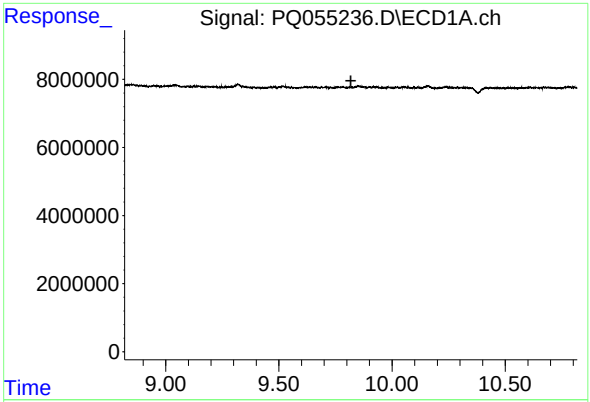
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



#40 AR-1262-5

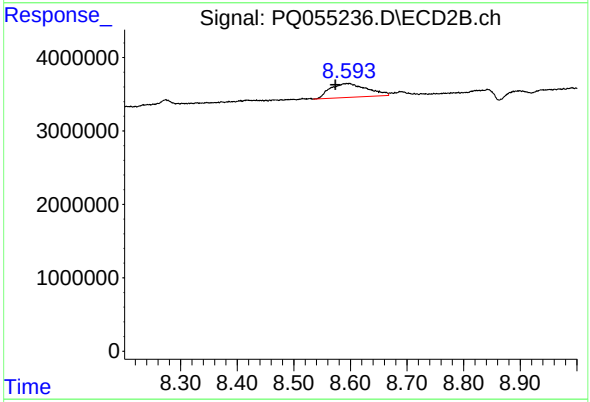
R.T.: 9.159 min
Delta R.T.: 0.012 min
Response: 1949277
Conc: 4.85 ng/ml



#41 AR-1268-1

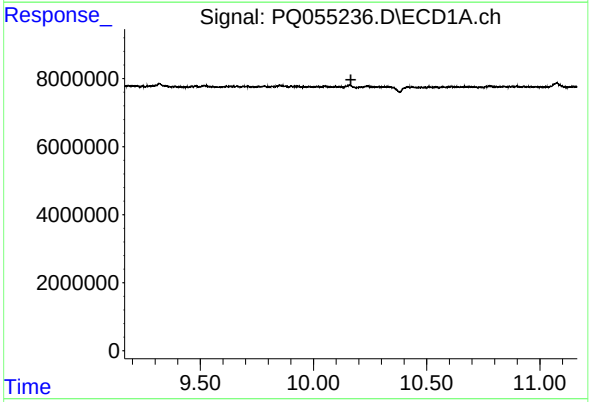
R.T.: 0.000 min
Exp R.T. : 9.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



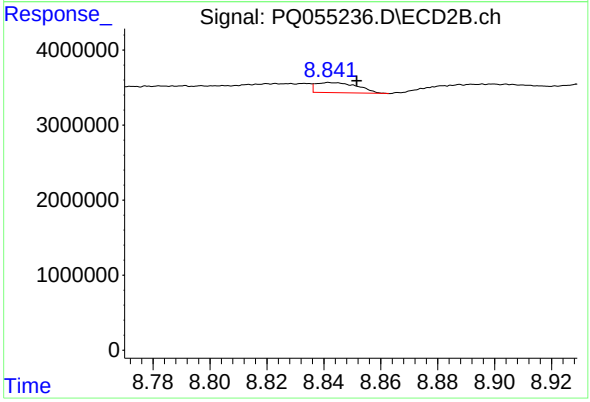
#41 AR-1268-1

R.T.: 8.598 min
Delta R.T.: 0.025 min
Response: 8490432
Conc: 6.00 ng/ml



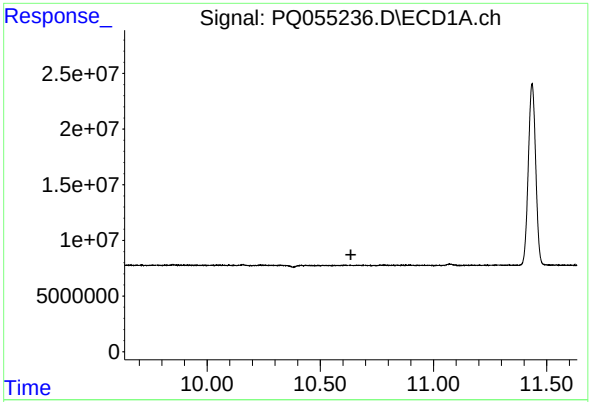
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.165 min
Response: 0
Conc: N.D.



#43 AR-1268-3

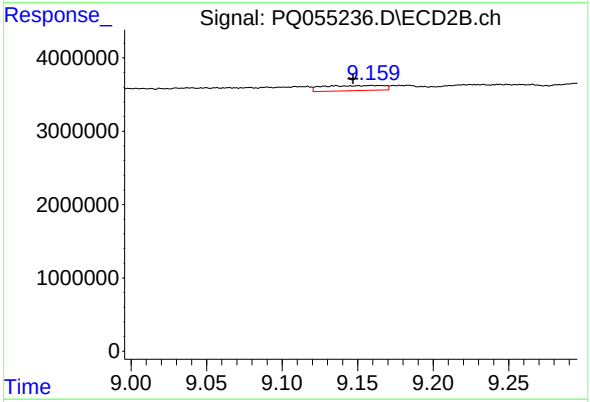
R.T.: 8.843 min
Delta R.T.: -0.009 min
Response: 1377460
Conc: 1.26 ng/ml



#44 AR-1268-4

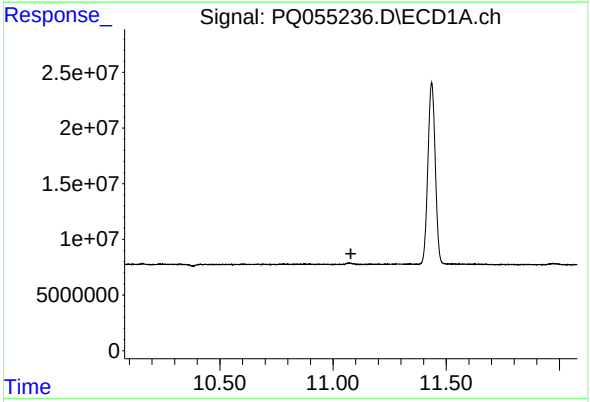
R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



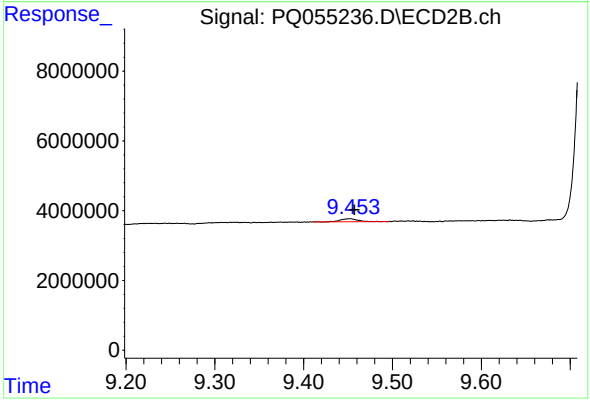
#44 AR-1268-4

R.T.: 9.159 min
Delta R.T.: 0.012 min
Response: 1949277
Conc: 4.31 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.079 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.452 min
Delta R.T.: -0.006 min
Response: 1195411
Conc: 0.34 ng/ml