Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
Data File : PQ043474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2019 16:39
Operator : SM\AJ
Sample : K3591-01
Misc : AR1254 LOD 25 PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:41:55 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...	5.696	4.784	41371633	15744209	25.966	25.992	
2)	SA Decachlor...	12.092	10.561	155.5E6	77587832	24.651	24.771	
	Target Compounds							
3)	L1 AR-1016-1	0.000	6.172	0	130970	N.D.	4.440	#
5)	L1 AR-1016-3	0.000	6.529	0	1055408	N.D.	50.171	#
6)	L1 AR-1016-4	0.000	6.529	0	1055408	N.D.	60.579	#
7)	L1 AR-1016-5	0.000	6.783	0	480174	N.D.	21.454	#
8)	L2 AR-1221-1	0.000	5.128	0	43991	N.D.	7.547	#
9)	L2 AR-1221-2	0.000	5.203	0	176980	N.D.	36.807	#
10)	L2 AR-1221-3	0.000	5.350	0	408645	N.D.	24.898	#
11)	L3 AR-1232-1	0.000	5.350	0	408645	N.D.	22.115	#
13)	L3 AR-1232-3	0.000	6.529	0	1055408	N.D.	97.230	#
14)	L3 AR-1232-4	0.000	6.576	0	410777	N.D.	40.237	#
15)	L3 AR-1232-5	7.451	6.783	1294731	480174	63.454	43.865	#
16)	L4 AR-1242-1	0.000	6.172	0	130970	N.D.	7.581	#
18)	L4 AR-1242-3	0.000	6.529	0	1055408	N.D.	85.394	#
19)	L4 AR-1242-4	0.000	6.576	0	410777	N.D.	32.330	#
20)	L4 AR-1242-5	8.129	7.191	2323579	2626583	55.878	131.190	#
21)	L5 AR-1248-1	0.000	6.172	0	130970	N.D.	10.399	#
22)	L5 AR-1248-2	7.451	6.529	1294731	1055408	30.258	59.594	#
23)	L5 AR-1248-3	0.000	6.576	0	410777	N.D.	21.941	#
24)	L5 AR-1248-4	8.129	6.783	2323579	480174	32.214	20.809	#
25)	L5 AR-1248-5	8.129	7.237	2323579	673953	32.096	23.779	#
26)	L6 AR-1254-1	8.100	7.191	3882556	2626583	54.081	58.065	
27)	L6 AR-1254-2	8.338	7.360	6566397	2851947	53.407	64.712	
28)	L6 AR-1254-3	8.732	7.808	7604723	4299669	52.289	57.641	
29)	L6 AR-1254-4	9.034	8.056	6329750	3451364	49.178	62.365	#
30)	L6 AR-1254-5	9.473	8.504	5879332	4069645	38.714	49.936	#
31)	L7 AR-1260-1	8.906	7.950	3408455	2807996	26.239	48.371	#
32)	L7 AR-1260-2	9.176	8.152	3477312	1994248	20.934	26.085	
33)	L7 AR-1260-3	0.000	8.318	0	3753394	N.D.	53.535	#
34)	L7 AR-1260-4	9.781	8.819	3272078	322184	19.247	4.887	#
35)	L7 AR-1260-5	0.000	9.048	0	1416033	N.D.	7.542	#
36)	L8 AR-1262-1	0.000	8.580	0	418055	N.D.	4.228	#
37)	L8 AR-1262-2	0.000	9.048	0	1416033	N.D.	6.336	#
38)	L8 AR-1262-3	0.000	9.428	0	865244	N.D.	7.520	#
39)	L8 AR-1262-4	0.000	9.428	0	865244	N.D.	3.840	#
40)	L8 AR-1262-5	0.000	9.953	0	654074	N.D.	4.234	#
41)	L9 AR-1268-1	0.000	9.428	0	865244	N.D.	2.646	#
42)	L9 AR-1268-2	0.000	9.428	0	865244	N.D.	2.705	#
43)	L9 AR-1268-3	0.000	9.649	0	807528	N.D.	2.850	#
44)	L9 AR-1268-4	0.000	9.953	0	654074	N.D.	4.024	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
Data File : PQ043474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2019 16:39
Operator : SM\AJ
Sample : K3591-01
Misc : AR1254 LOD 25 PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:41:55 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
45) L9	AR-1268-5	0.000	10.278	0	2203408	N.D.	1.755 #

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

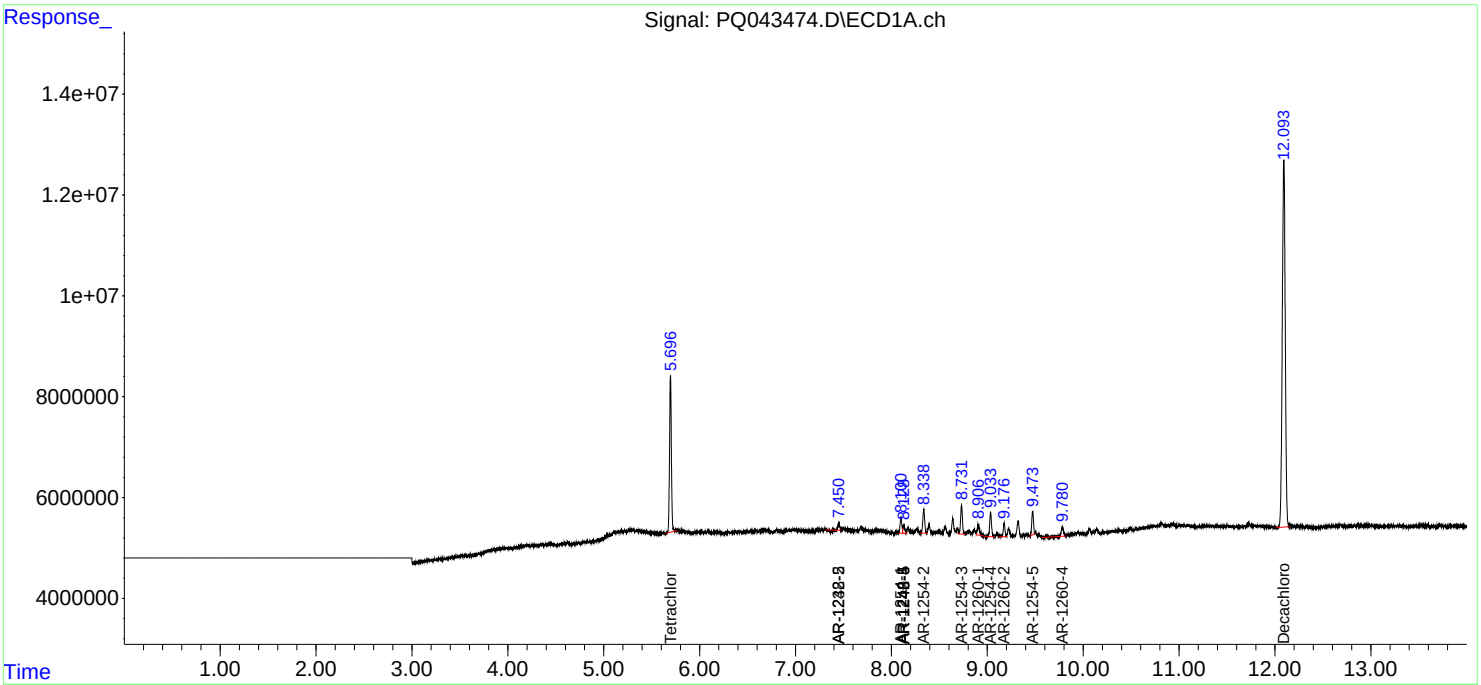
Quantitation Report (Not Reviewed)

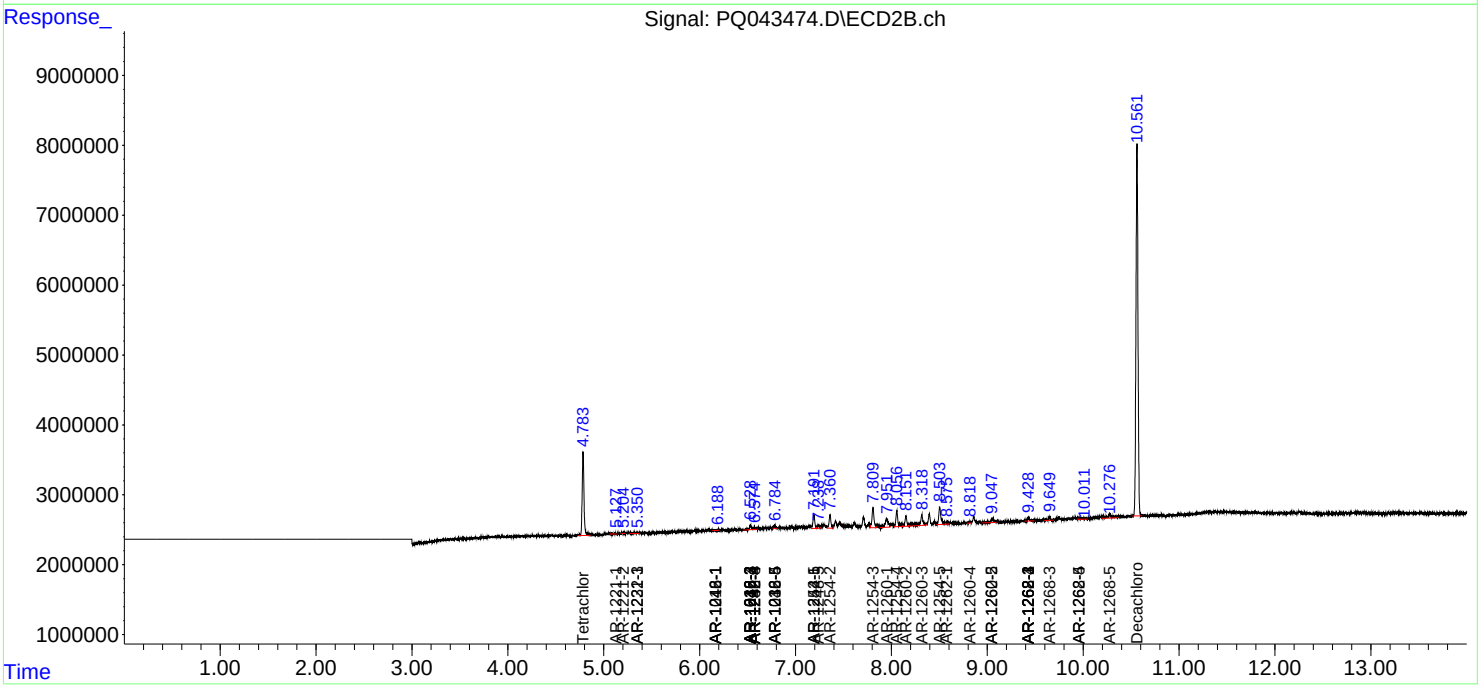
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
Data File : PQ043474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2019 16:39
Operator : SM\AJ
Sample : K3591-01
Misc : AR1254 LOD 25 PPB
ALS Vial : 10 Sample Multiplier: 1

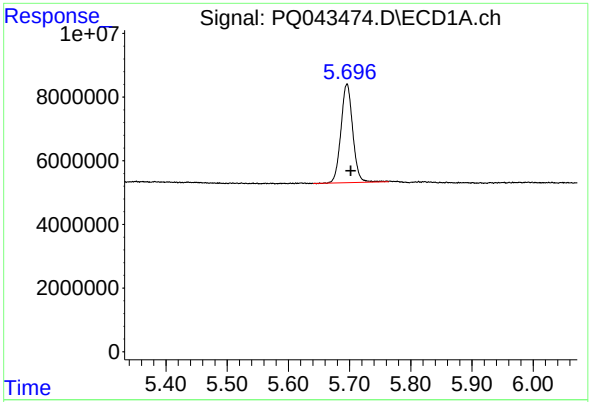
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:41:55 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



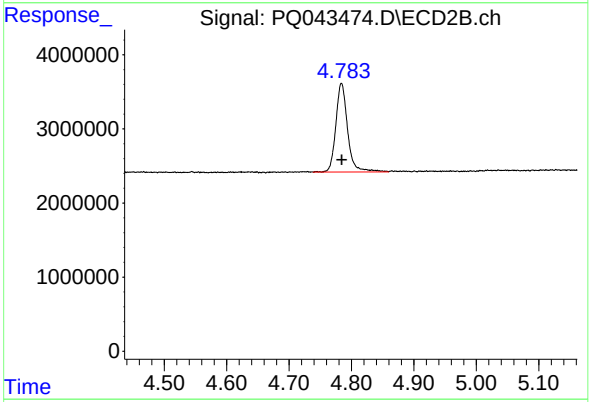




#1 Tetrachloro-m-xylene

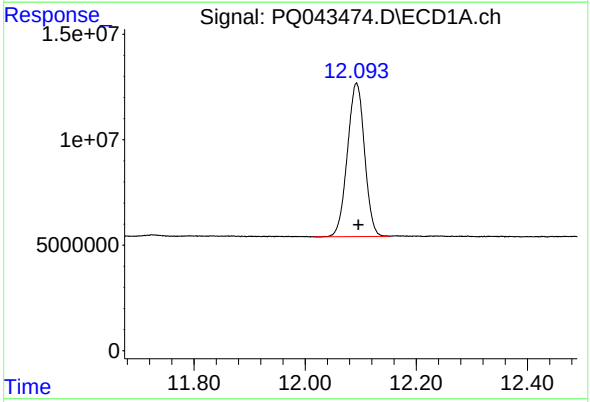
R.T.: 5.696 min
Delta R.T.: -0.006 min
Response: 41371633
Conc: 25.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



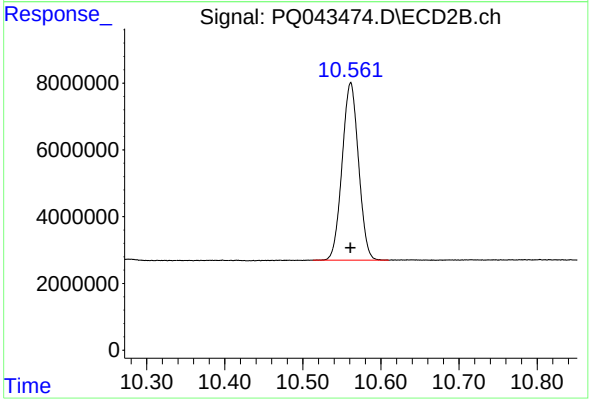
#1 Tetrachloro-m-xylene

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 15744209
Conc: 25.99 ng/ml



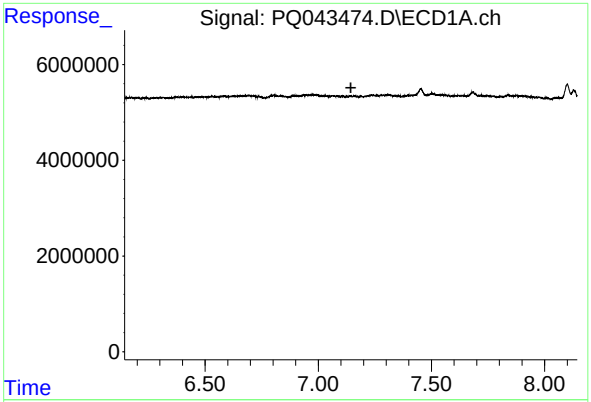
#2 Decachlorobiphenyl

R.T.: 12.092 min
Delta R.T.: -0.003 min
Response: 155474432
Conc: 24.65 ng/ml



#2 Decachlorobiphenyl

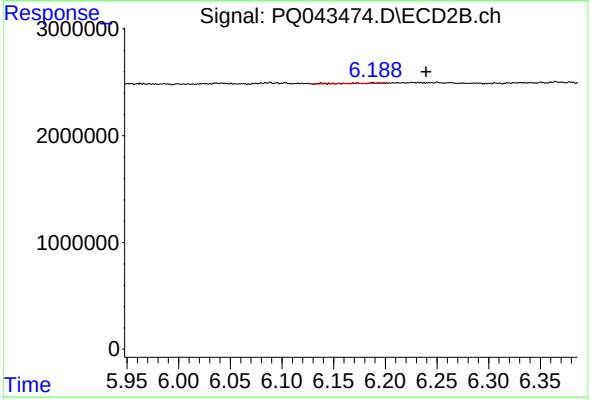
R.T.: 10.561 min
Delta R.T.: 0.000 min
Response: 77587832
Conc: 24.77 ng/ml



#3 AR-1016-1

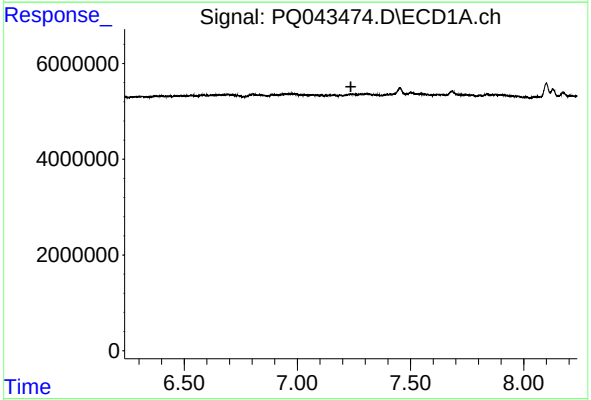
R.T.: 0.000 min
Exp R.T. : 7.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



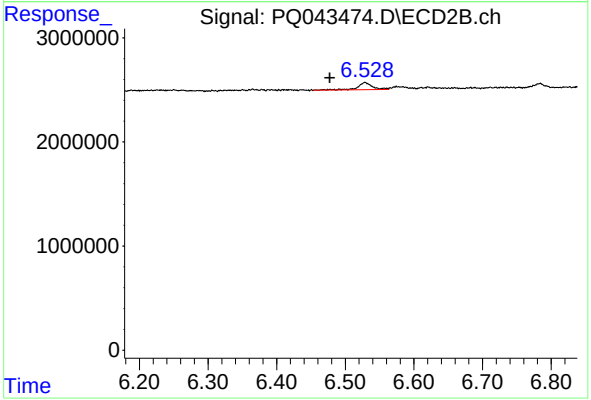
#3 AR-1016-1

R.T.: 6.172 min
Delta R.T.: -0.068 min
Response: 130970
Conc: 4.44 ng/ml



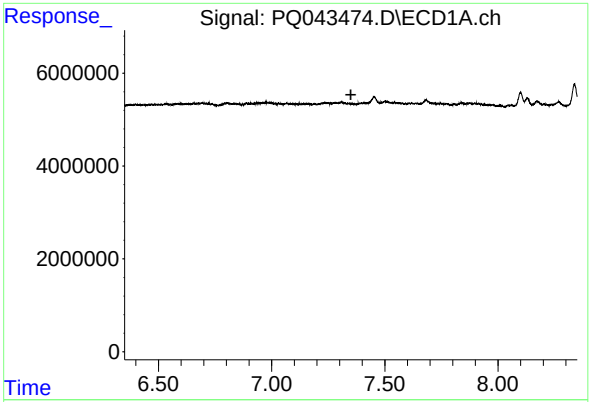
#5 AR-1016-3

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



#5 AR-1016-3

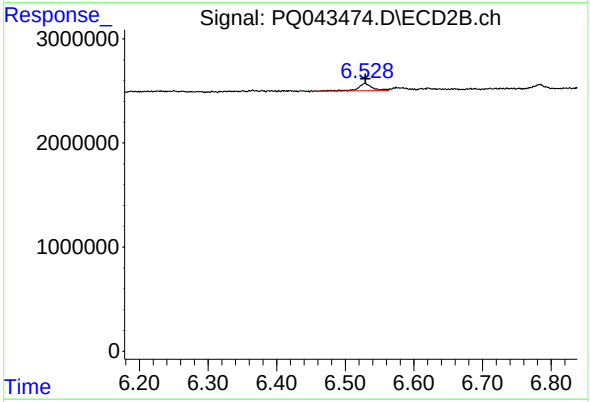
R.T.: 6.529 min
Delta R.T.: 0.052 min
Response: 1055408
Conc: 50.17 ng/ml



#6 AR-1016-4

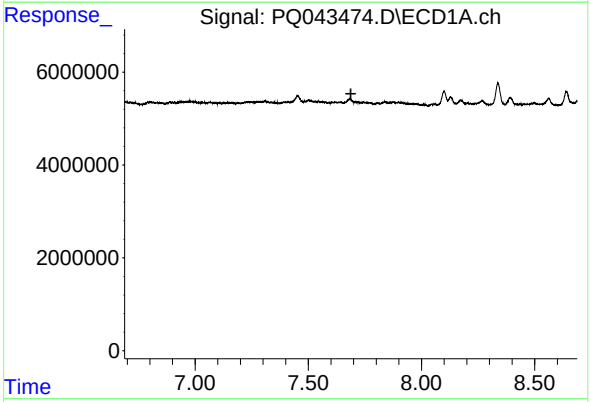
R.T.: 0.000 min
Exp R.T. : 7.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



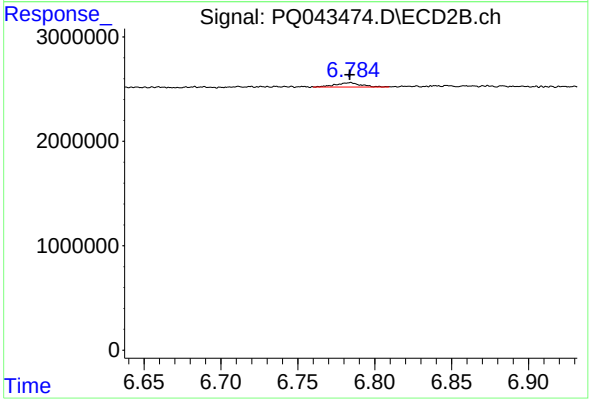
#6 AR-1016-4

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 1055408
Conc: 60.58 ng/ml



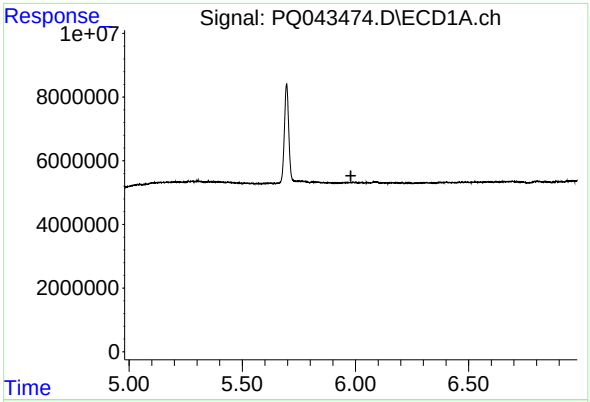
#7 AR-1016-5

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



#7 AR-1016-5

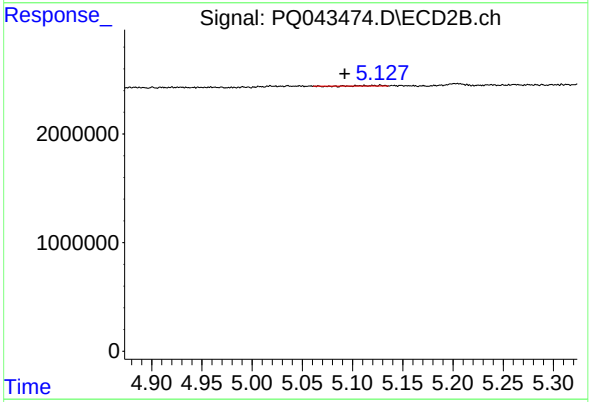
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 480174
Conc: 21.45 ng/ml



#8 AR-1221-1

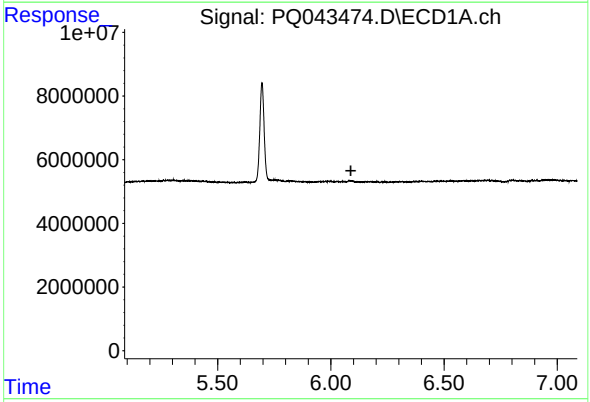
R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



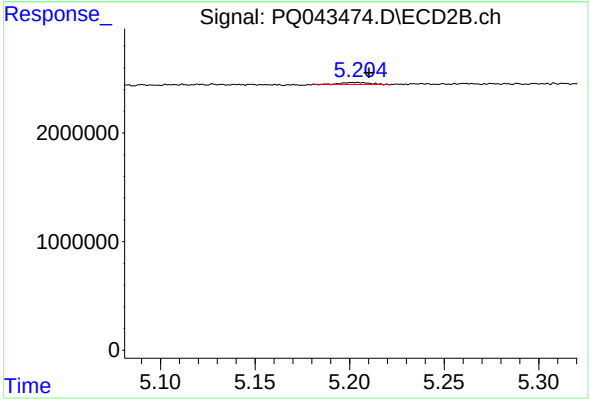
#8 AR-1221-1

R.T.: 5.128 min
Delta R.T.: 0.036 min
Response: 43991
Conc: 7.55 ng/ml



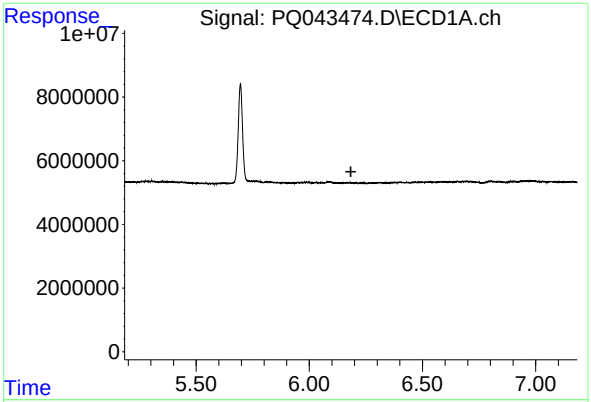
#9 AR-1221-2

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



#9 AR-1221-2

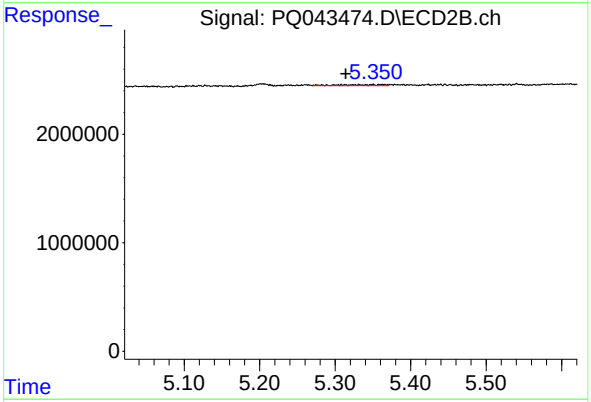
R.T.: 5.203 min
Delta R.T.: -0.007 min
Response: 176980
Conc: 36.81 ng/ml



#10 AR-1221-3

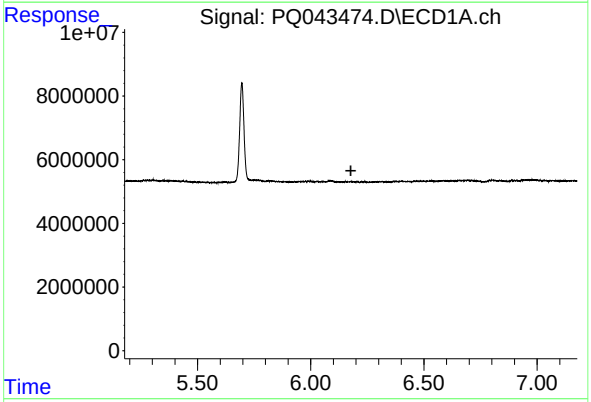
R.T.: 0.000 min
Exp R.T. : 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



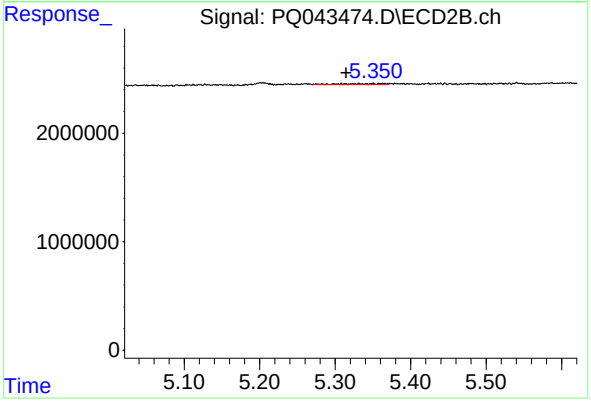
#10 AR-1221-3

R.T.: 5.350 min
Delta R.T.: 0.036 min
Response: 408645
Conc: 24.90 ng/ml



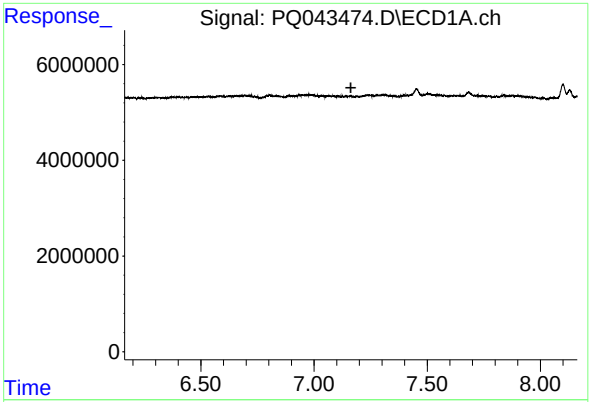
#11 AR-1232-1

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



#11 AR-1232-1

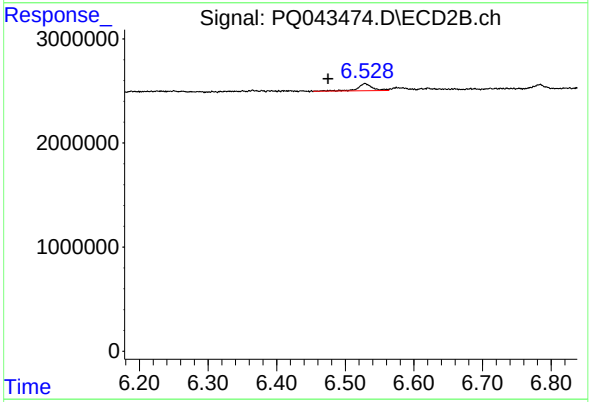
R.T.: 5.350 min
Delta R.T.: 0.036 min
Response: 408645
Conc: 22.12 ng/ml



#13 AR-1232-3

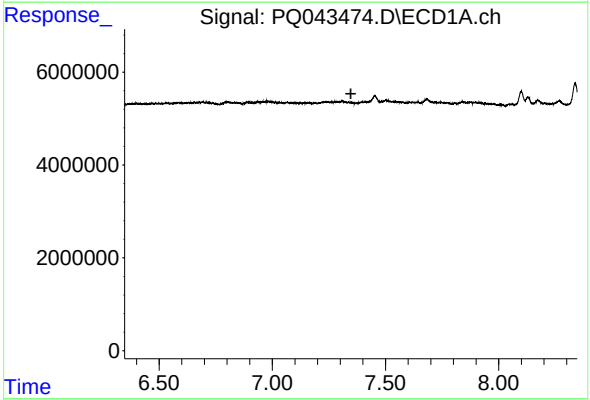
R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



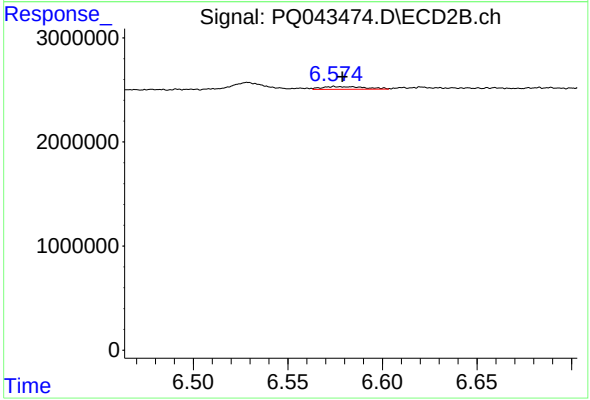
#13 AR-1232-3

R.T.: 6.529 min
Delta R.T.: 0.054 min
Response: 1055408
Conc: 97.23 ng/ml



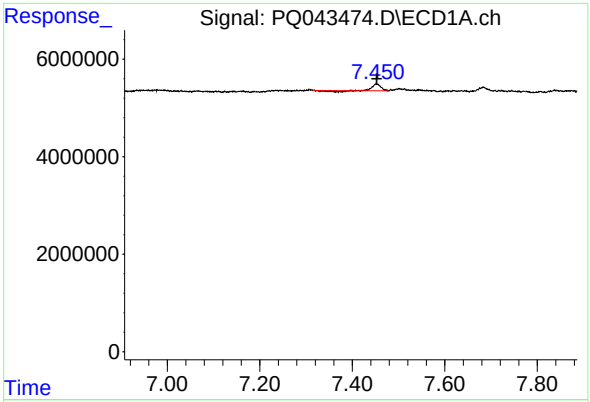
#14 AR-1232-4

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



#14 AR-1232-4

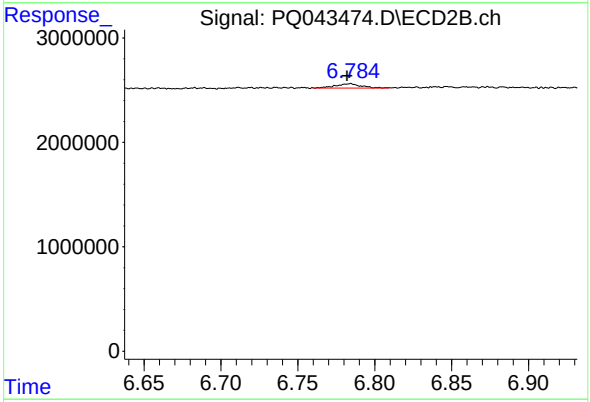
R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 410777
Conc: 40.24 ng/ml



#15 AR-1232-5

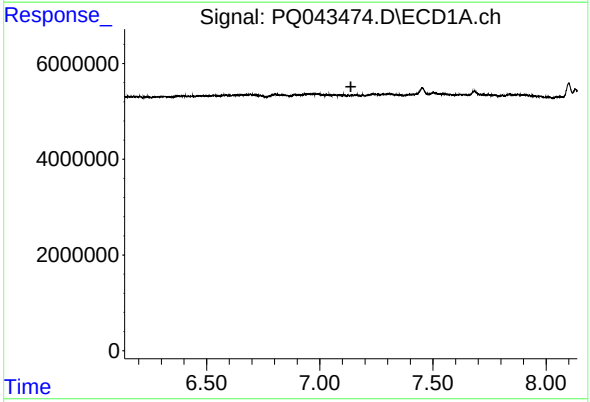
R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 1294731
Conc: 63.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



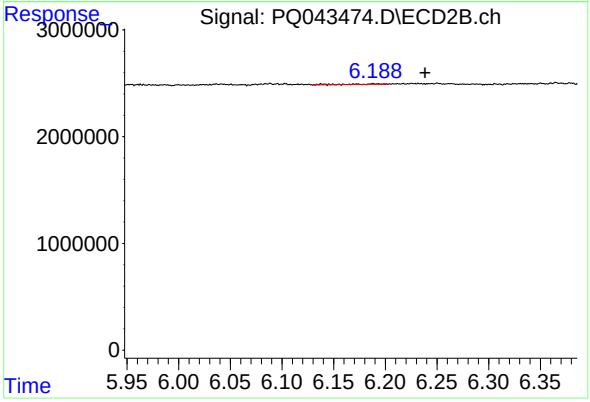
#15 AR-1232-5

R.T.: 6.783 min
Delta R.T.: 0.001 min
Response: 480174
Conc: 43.87 ng/ml



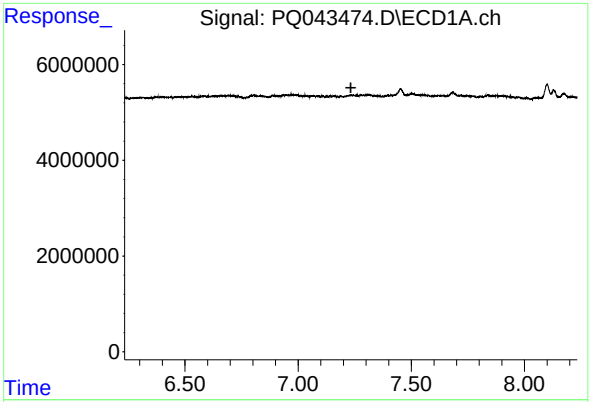
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.137 min
Response: 0
Conc: N.D.



#16 AR-1242-1

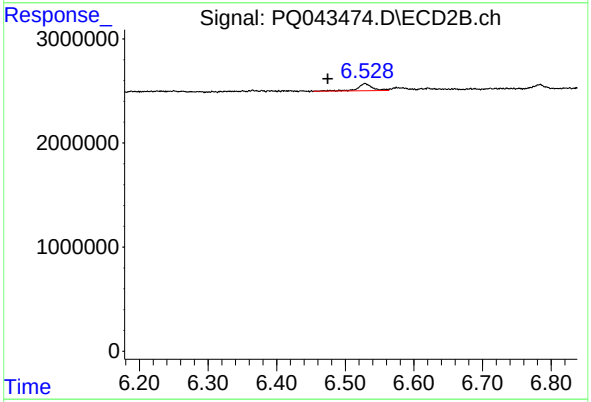
R.T.: 6.172 min
Delta R.T.: -0.067 min
Response: 130970
Conc: 7.58 ng/ml



#18 AR-1242-3

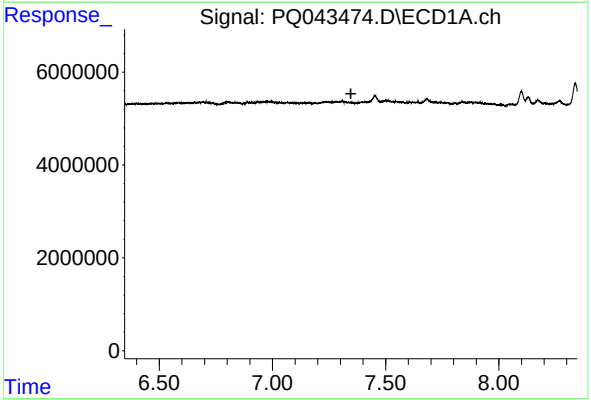
R.T.: 0.000 min
Exp R.T. : 7.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



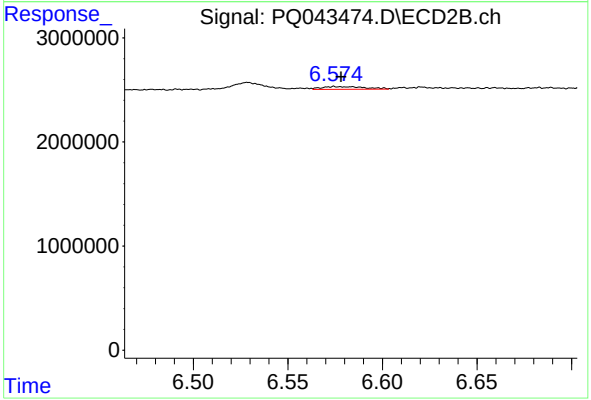
#18 AR-1242-3

R.T.: 6.529 min
Delta R.T.: 0.054 min
Response: 1055408
Conc: 85.39 ng/ml



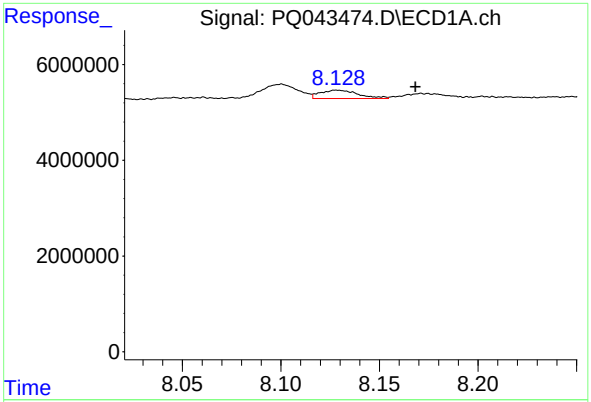
#19 AR-1242-4

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



#19 AR-1242-4

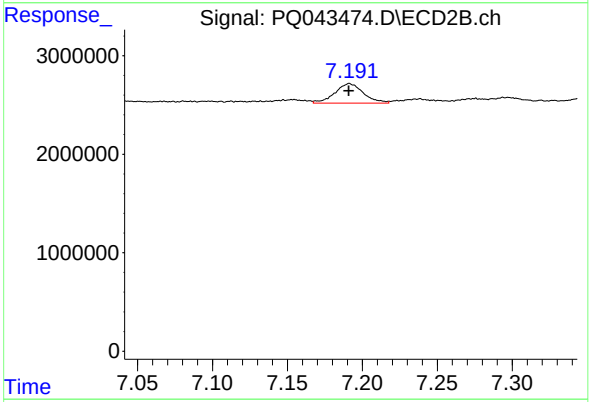
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 410777
Conc: 32.33 ng/ml



#20 AR-1242-5

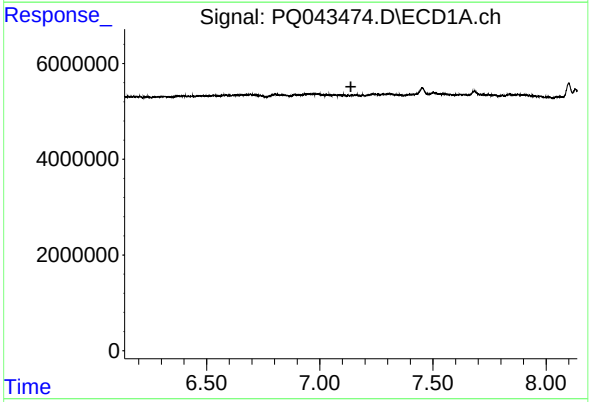
R.T.: 8.129 min
Delta R.T.: -0.040 min
Response: 2323579
Conc: 55.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



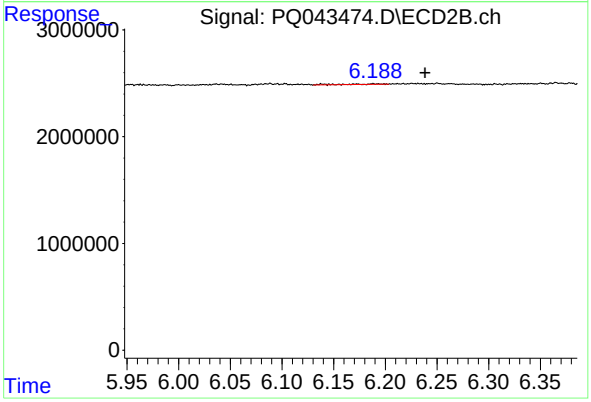
#20 AR-1242-5

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 2626583
Conc: 131.19 ng/ml



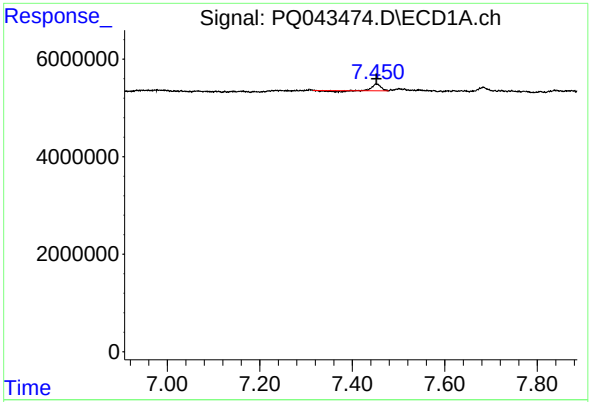
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 7.137 min
Response: 0
Conc: N.D.



#21 AR-1248-1

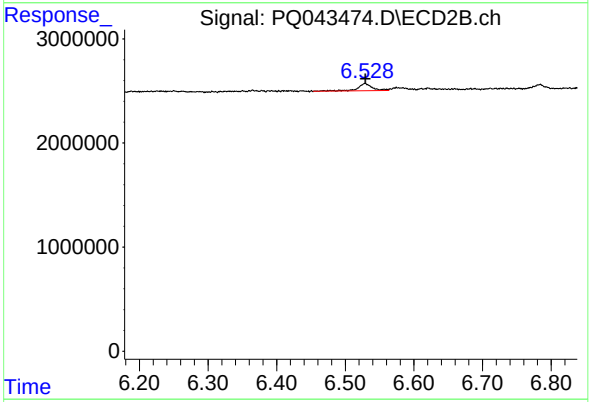
R.T.: 6.172 min
Delta R.T.: -0.066 min
Response: 130970
Conc: 10.40 ng/ml



#22 AR-1248-2

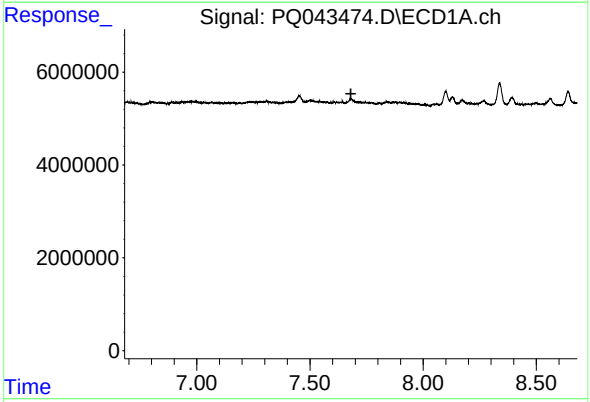
R.T.: 7.451 min
Delta R.T.: -0.001 min
Response: 1294731
Conc: 30.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



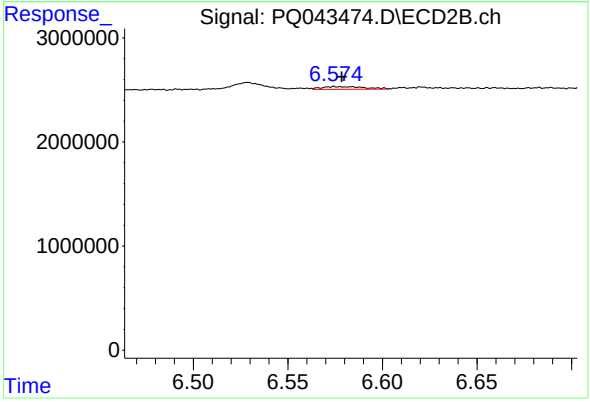
#22 AR-1248-2

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 1055408
Conc: 59.59 ng/ml



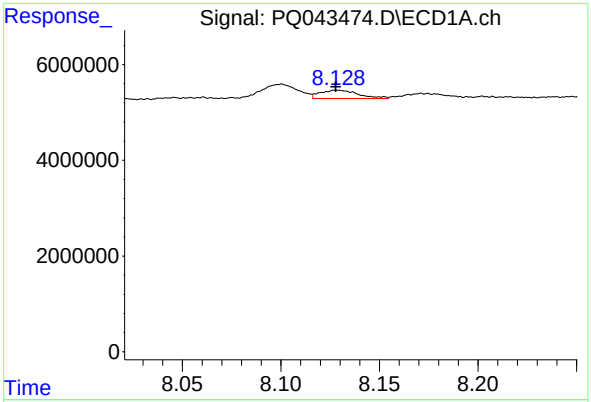
#23 AR-1248-3

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



#23 AR-1248-3

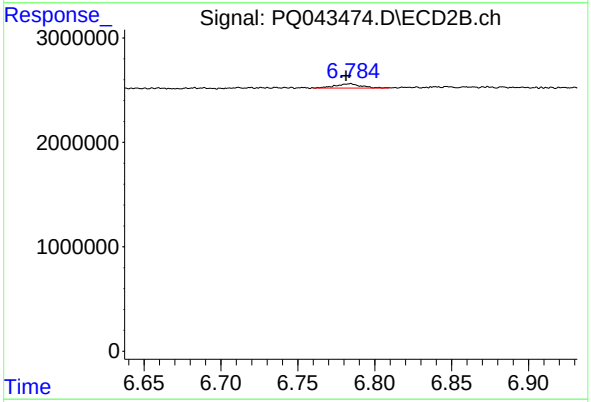
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 410777
Conc: 21.94 ng/ml



#24 AR-1248-4

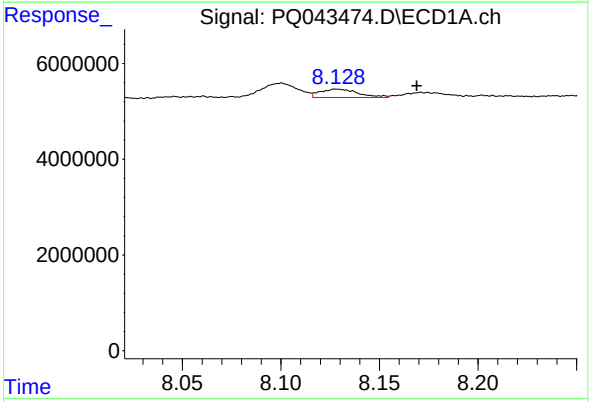
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 2323579
Conc: 32.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



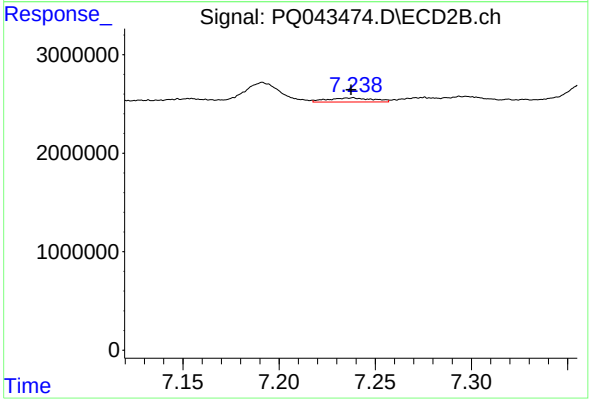
#24 AR-1248-4

R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 480174
Conc: 20.81 ng/ml



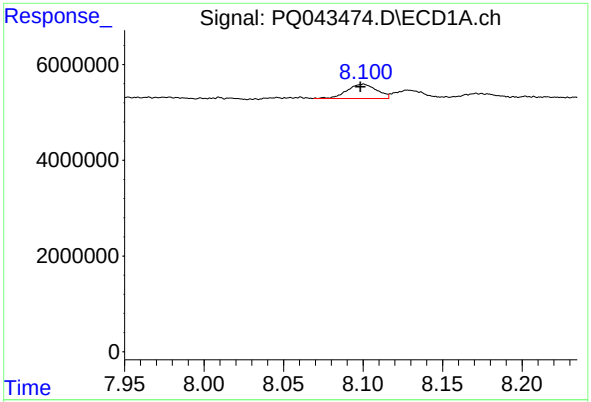
#25 AR-1248-5

R.T.: 8.129 min
Delta R.T.: -0.040 min
Response: 2323579
Conc: 32.10 ng/ml



#25 AR-1248-5

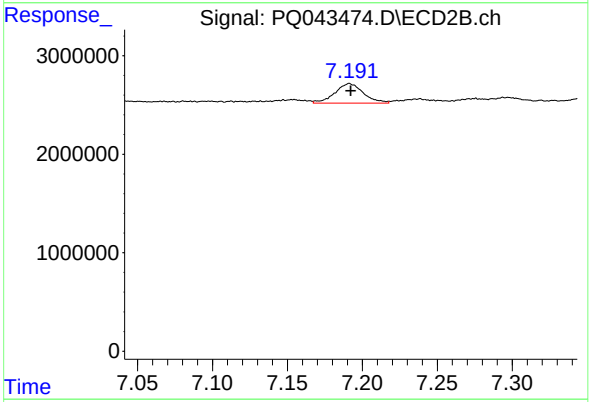
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 673953
Conc: 23.78 ng/ml



#26 AR-1254-1

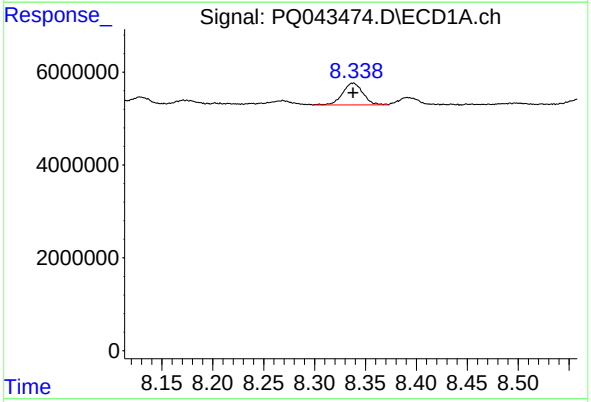
R.T.: 8.100 min
Delta R.T.: 0.002 min
Response: 3882556
Conc: 54.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



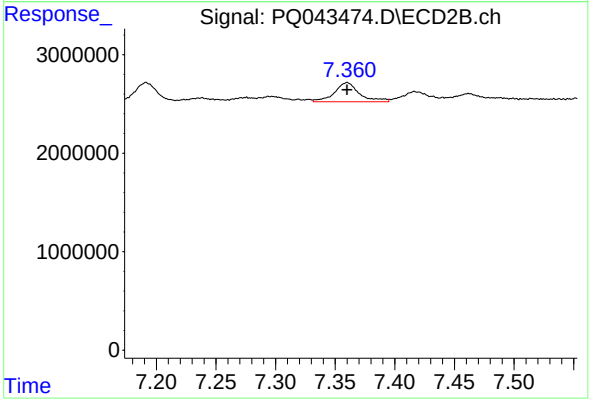
#26 AR-1254-1

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 2626583
Conc: 58.07 ng/ml



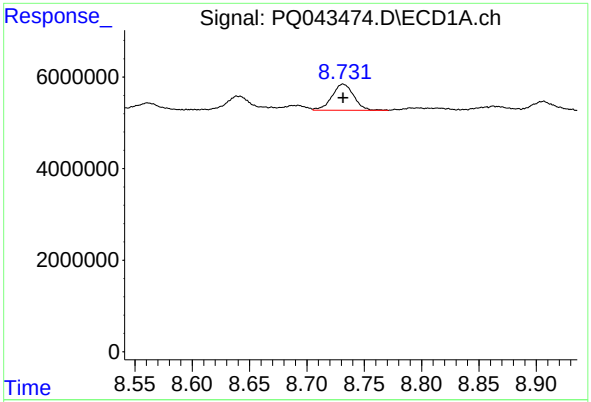
#27 AR-1254-2

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 6566397
Conc: 53.41 ng/ml



#27 AR-1254-2

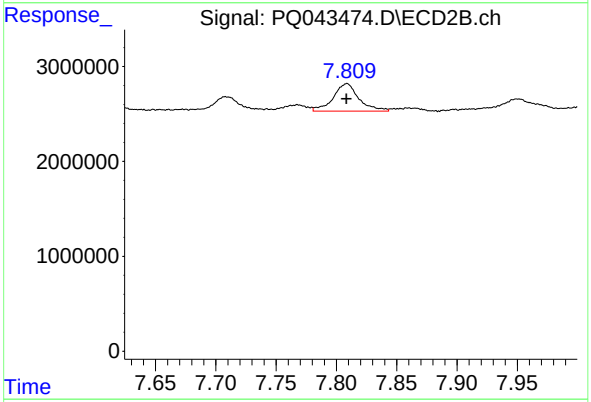
R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 2851947
Conc: 64.71 ng/ml



#28 AR-1254-3

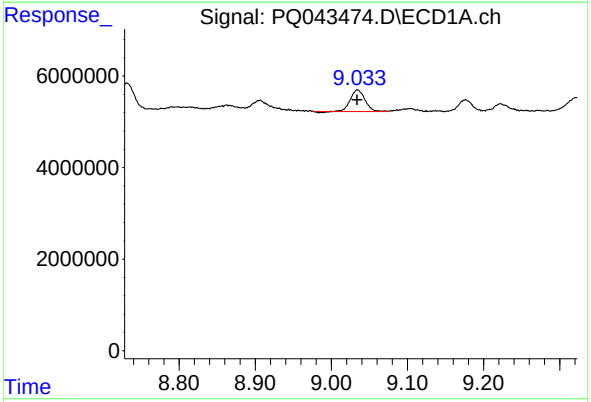
R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 7604723
Conc: 52.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



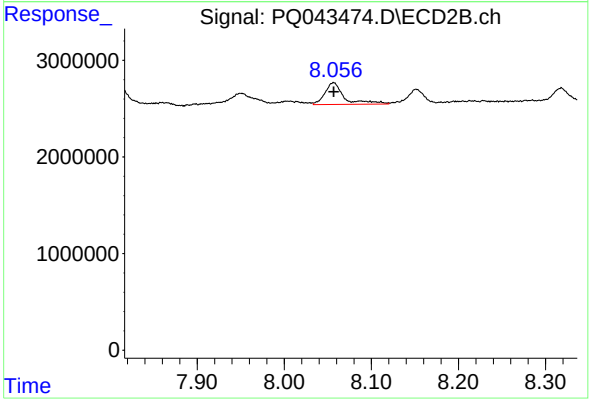
#28 AR-1254-3

R.T.: 7.808 min
Delta R.T.: 0.000 min
Response: 4299669
Conc: 57.64 ng/ml



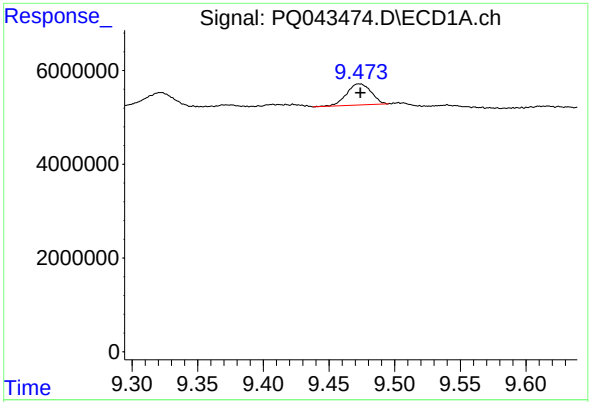
#29 AR-1254-4

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 6329750
Conc: 49.18 ng/ml



#29 AR-1254-4

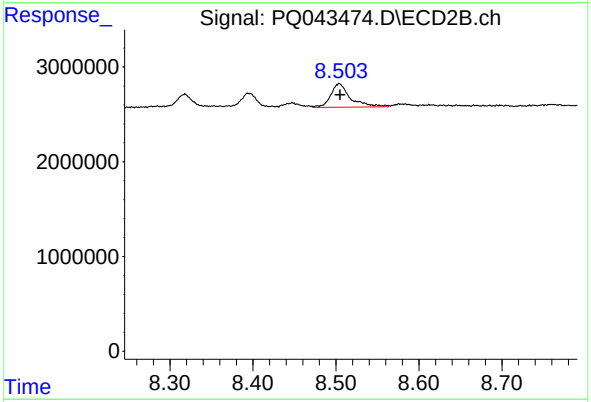
R.T.: 8.056 min
Delta R.T.: 0.000 min
Response: 3451364
Conc: 62.37 ng/ml



#30 AR-1254-5

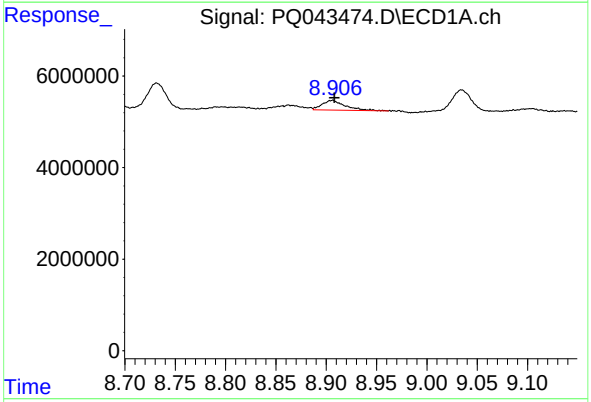
R.T.: 9.473 min
Delta R.T.: 0.000 min
Response: 5879332
Conc: 38.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



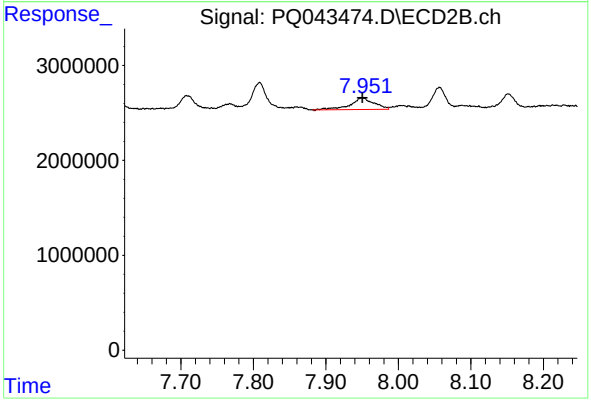
#30 AR-1254-5

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 4069645
Conc: 49.94 ng/ml



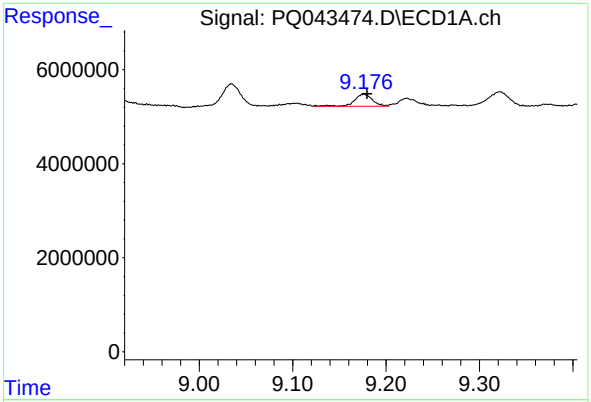
#31 AR-1260-1

R.T.: 8.906 min
Delta R.T.: -0.002 min
Response: 3408455
Conc: 26.24 ng/ml



#31 AR-1260-1

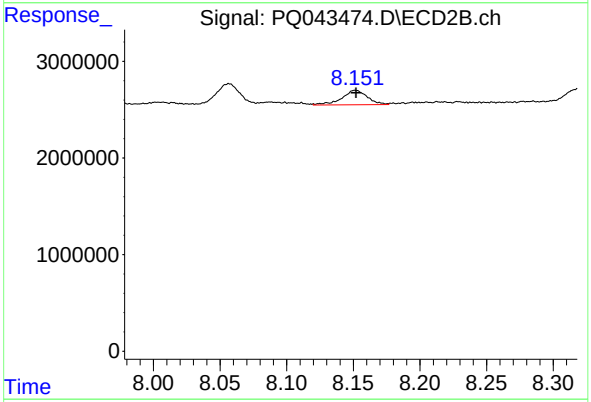
R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 2807996
Conc: 48.37 ng/ml



#32 AR-1260-2

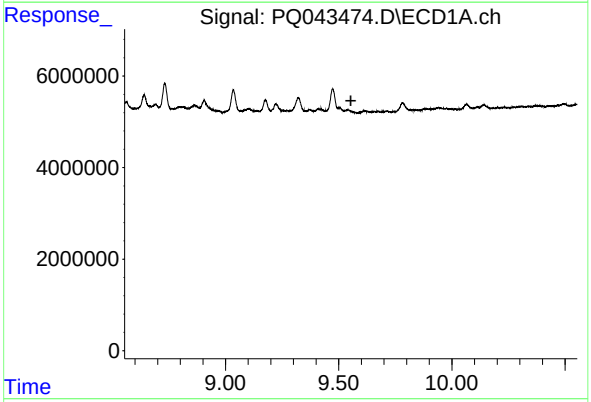
R.T.: 9.176 min
Delta R.T.: -0.004 min
Response: 3477312
Conc: 20.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



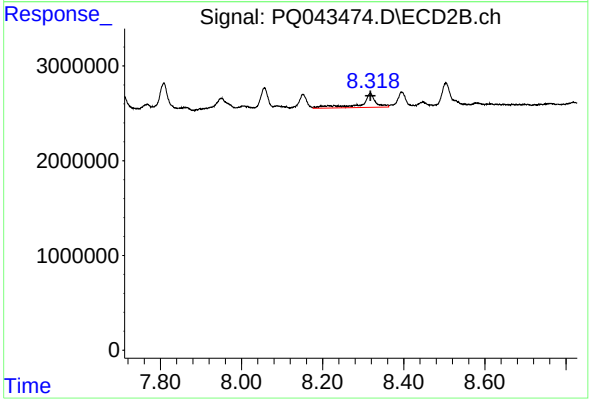
#32 AR-1260-2

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 1994248
Conc: 26.08 ng/ml



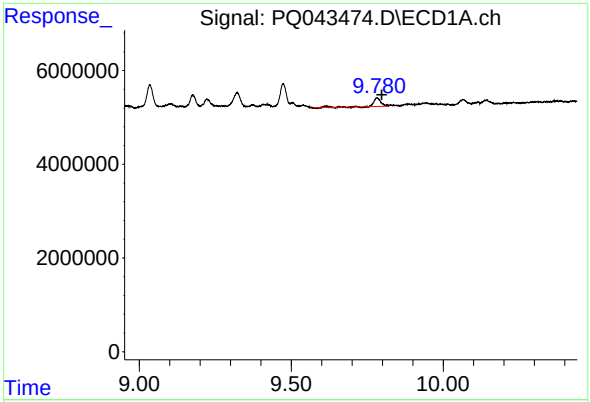
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 9.554 min
Response: 0
Conc: N.D.



#33 AR-1260-3

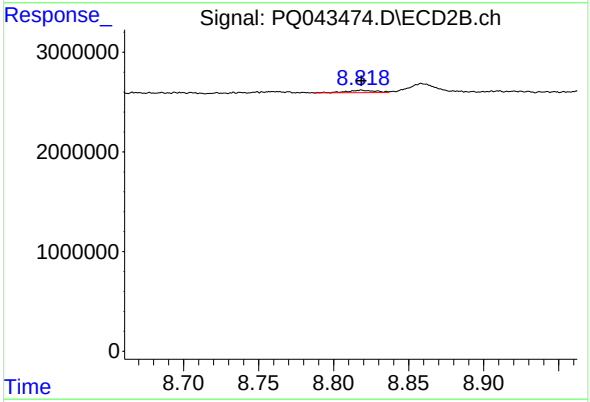
R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 3753394
Conc: 53.54 ng/ml



#34 AR-1260-4

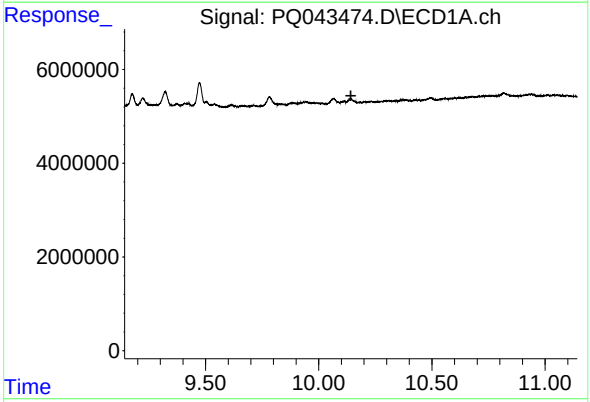
R.T.: 9.781 min
Delta R.T.: -0.016 min
Response: 3272078
Conc: 19.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



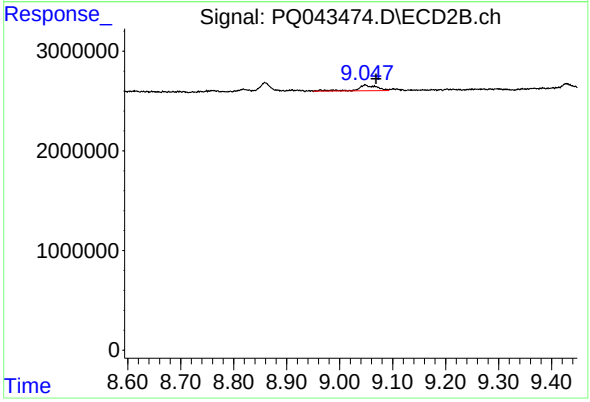
#34 AR-1260-4

R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 322184
Conc: 4.89 ng/ml



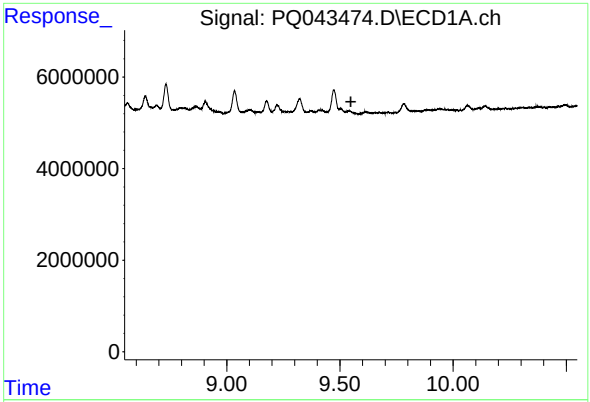
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.



#35 AR-1260-5

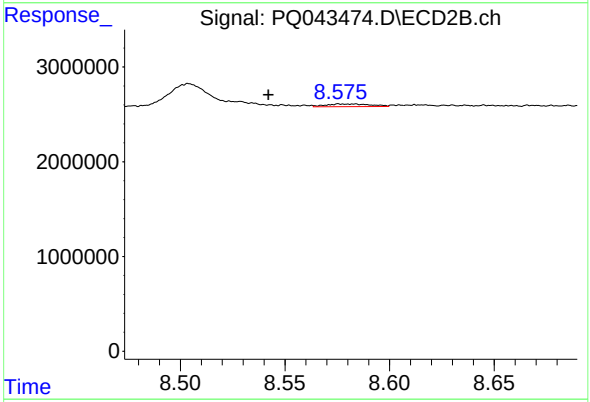
R.T.: 9.048 min
Delta R.T.: -0.021 min
Response: 1416033
Conc: 7.54 ng/ml



#36 AR-1262-1

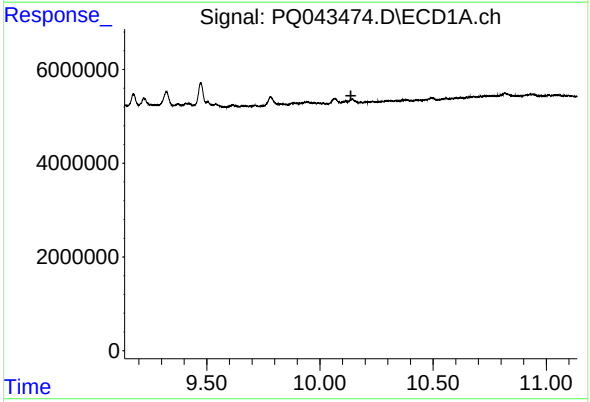
R.T.: 0.000 min
Exp R.T. : 9.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



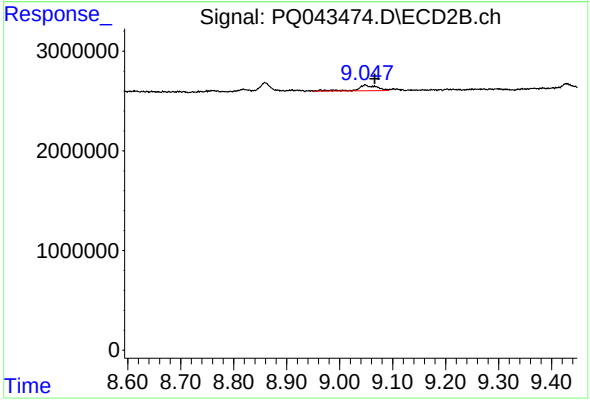
#36 AR-1262-1

R.T.: 8.580 min
Delta R.T.: 0.038 min
Response: 418055
Conc: 4.23 ng/ml



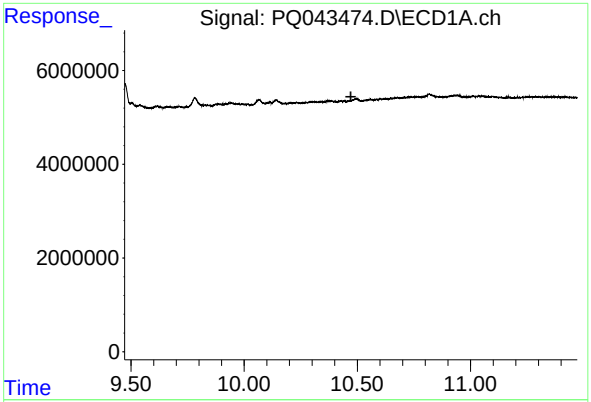
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 10.137 min
Response: 0
Conc: N.D.



#37 AR-1262-2

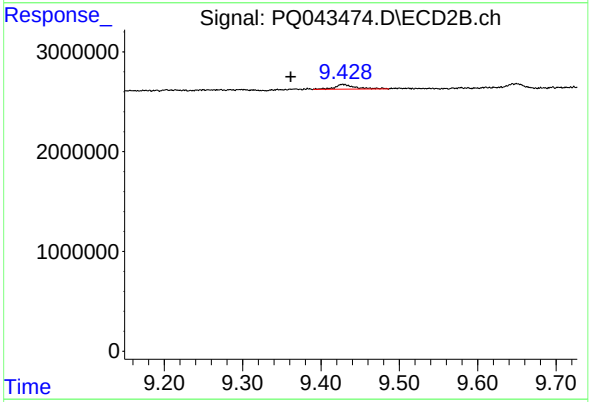
R.T.: 9.048 min
Delta R.T.: -0.018 min
Response: 1416033
Conc: 6.34 ng/ml



#38 AR-1262-3

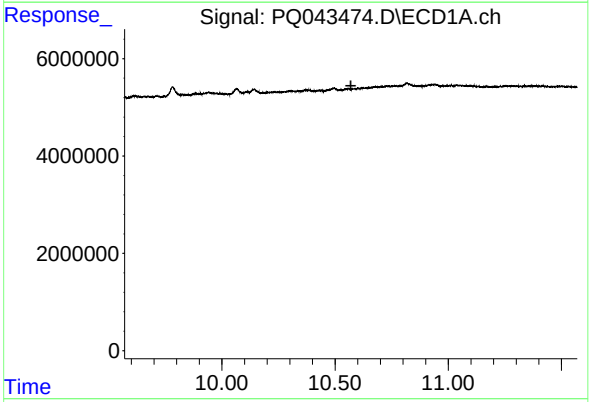
R.T.: 0.000 min
Exp R.T. : 10.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



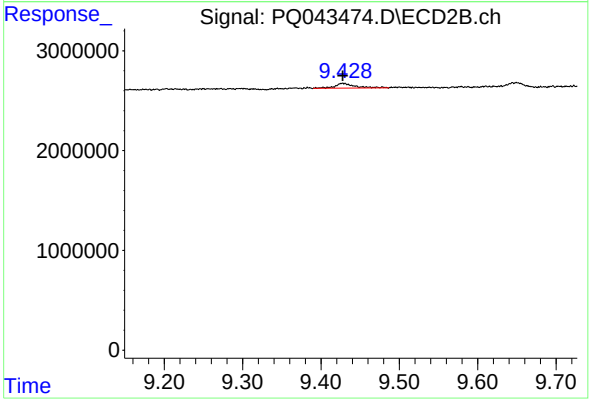
#38 AR-1262-3

R.T.: 9.428 min
Delta R.T.: 0.066 min
Response: 865244
Conc: 7.52 ng/ml



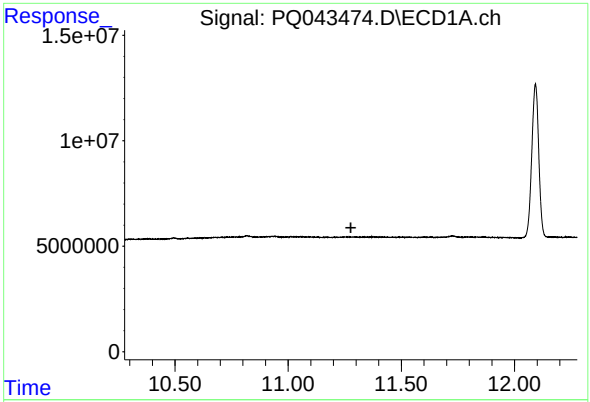
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 10.570 min
Response: 0
Conc: N.D.



#39 AR-1262-4

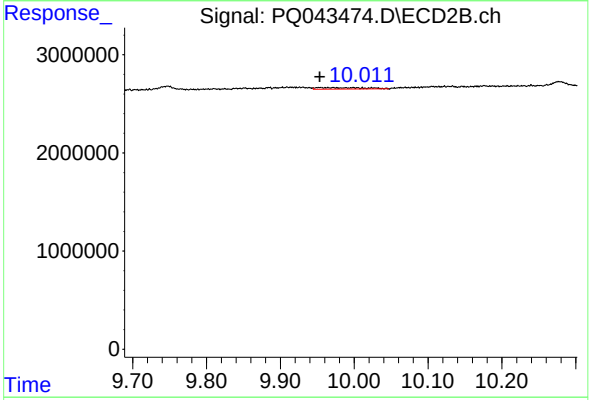
R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 865244
Conc: 3.84 ng/ml



#40 AR-1262-5

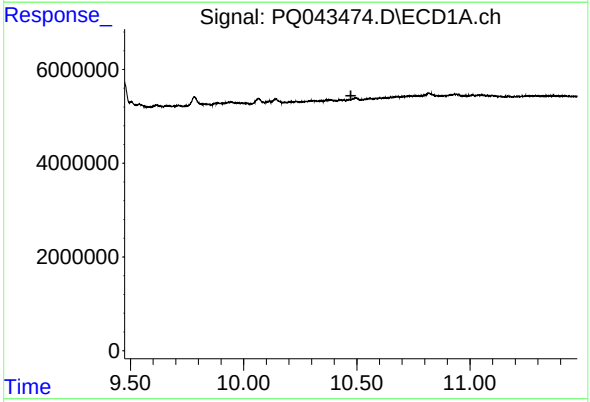
R.T.: 0.000 min
Exp R.T. : 11.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



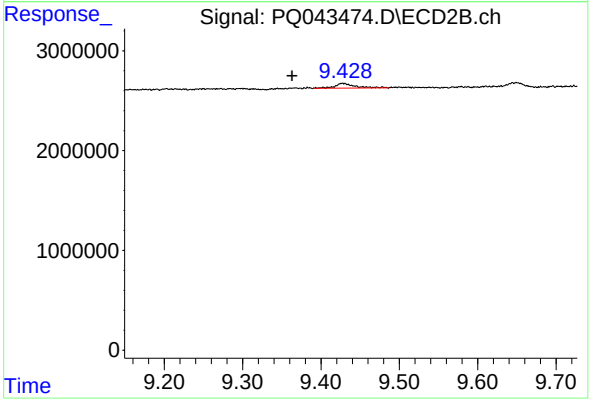
#40 AR-1262-5

R.T.: 9.953 min
Delta R.T.: 0.000 min
Response: 654074
Conc: 4.23 ng/ml



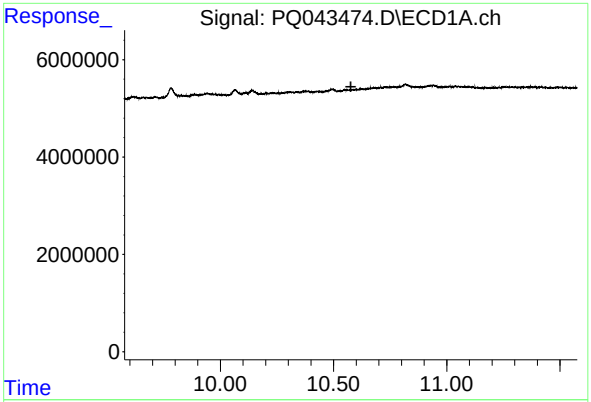
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 10.474 min
Response: 0
Conc: N.D.



#41 AR-1268-1

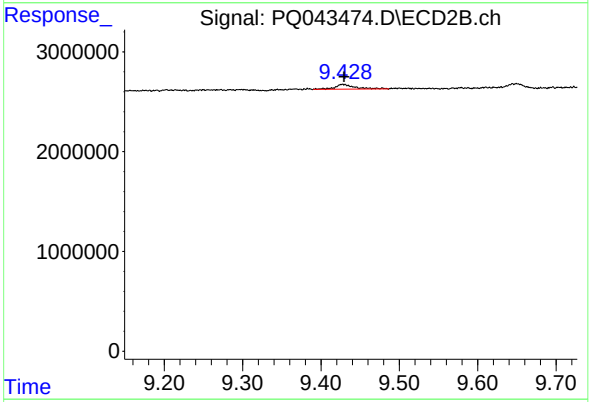
R.T.: 9.428 min
Delta R.T.: 0.065 min
Response: 865244
Conc: 2.65 ng/ml



#42 AR-1268-2

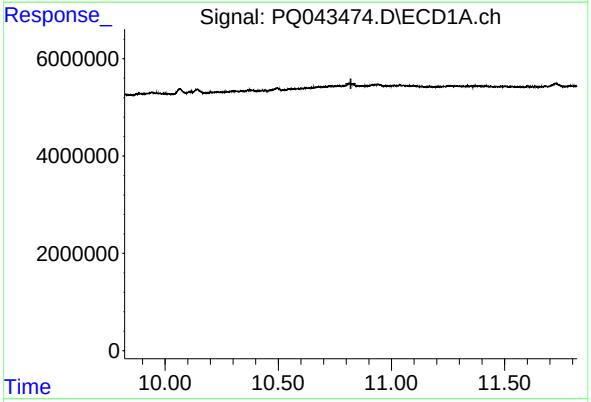
R.T.: 0.000 min
Exp R.T. : 10.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



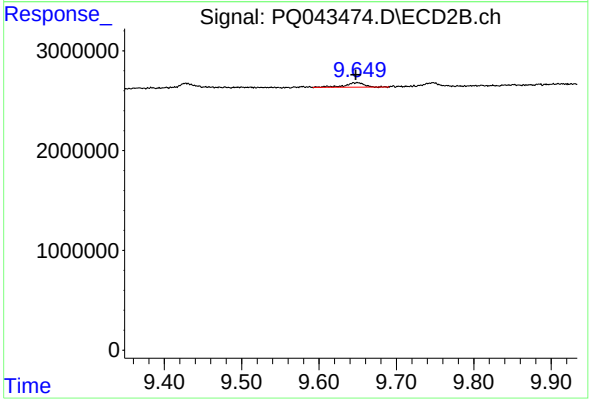
#42 AR-1268-2

R.T.: 9.428 min
Delta R.T.: -0.002 min
Response: 865244
Conc: 2.71 ng/ml



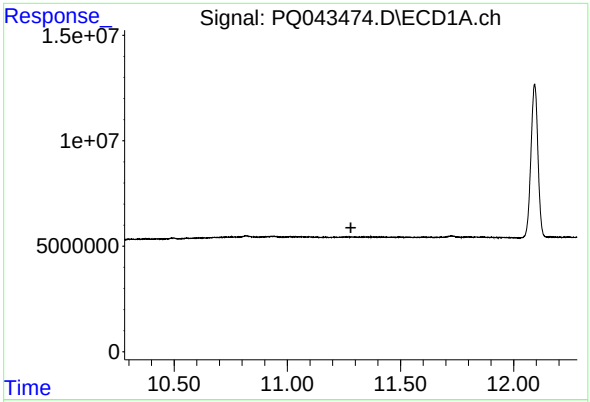
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.



#43 AR-1268-3

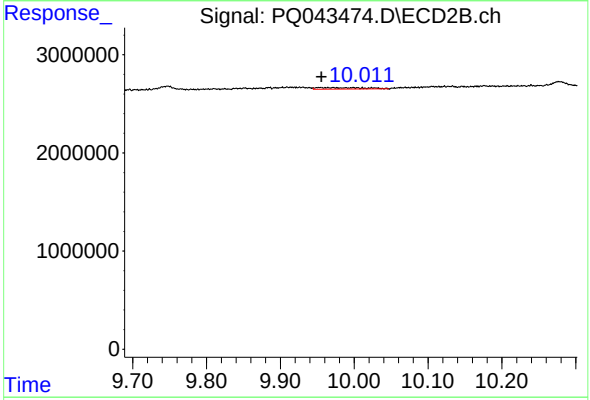
R.T.: 9.649 min
Delta R.T.: 0.002 min
Response: 807528
Conc: 2.85 ng/ml



#44 AR-1268-4

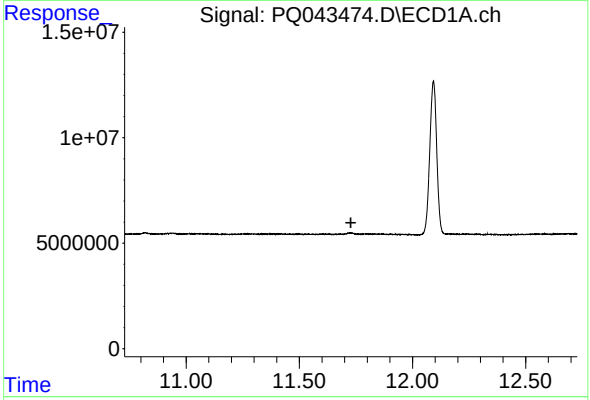
R.T.: 0.000 min
Exp R.T. : 11.281 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



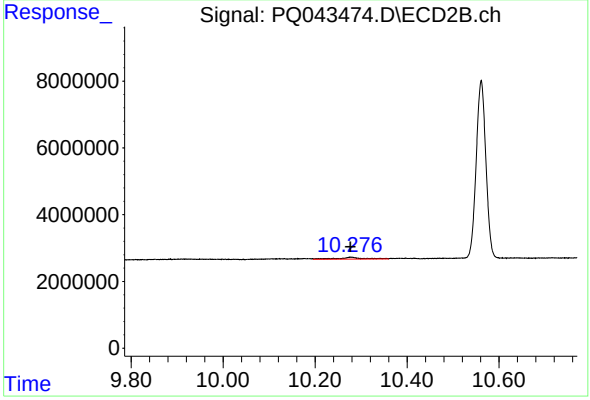
#44 AR-1268-4

R.T.: 9.953 min
Delta R.T.: -0.002 min
Response: 654074
Conc: 4.02 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.728 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: 0.001 min
Response: 2203408
Conc: 1.75 ng/ml