Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081019\
Data File : PQ042272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2019 21:13
Operator : SM\AJ
Sample : K4286-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 08:31:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.677	4.738	36239852	33774926	15.802	17.525	
2)	SA Decachlor...	12.062	10.487	146.7E6	115.7E6	17.399	23.911	#
	Target Compounds							
3)	L1 AR-1016-1	7.122	6.190	2873916	2569324	26.590	24.760	
4)	L1 AR-1016-2	7.147	6.212	6528010	5761603	41.705	40.215	
5)	L1 AR-1016-3	0.000	6.427	0	3200052	N.D.	42.912	#
6)	L1 AR-1016-4	7.332	6.480	3711828	5645031	47.579	91.034	#
7)	L1 AR-1016-5	7.666	6.732	6606385	7815364	84.040	96.008	
10)	L2 AR-1221-3	0.000	5.321	0	1451365	N.D.	26.615	#
11)	L3 AR-1232-1	0.000	5.321	0	1451365	N.D.	30.057	#
12)	L3 AR-1232-2	6.806	6.212	2192562	5761603	66.731	101.031	#
13)	L3 AR-1232-3	7.147	6.427	6528010	3200052	97.778	107.314	
14)	L3 AR-1232-4	7.332	6.564	3711828	2315168	115.718	86.721	#
15)	L3 AR-1232-5	7.436	6.732	5480770	7815364	255.035	266.498	
16)	L4 AR-1242-1	7.122	6.190	2873916	2569324	32.129	31.395	
17)	L4 AR-1242-2	7.147	6.212	6528010	5761603	50.766	51.016	
18)	L4 AR-1242-3	0.000	6.427	0	3200052	N.D.	54.171	#
19)	L4 AR-1242-4	7.332	6.564	3711828	2315168	57.738	39.043	#
20)	L4 AR-1242-5	8.154	7.141	13550201	15557469	152.720	175.208	
21)	L5 AR-1248-1	7.122	6.190	2873916	2569324	38.765	38.751	
22)	L5 AR-1248-2	7.436	6.480	5480770	5645031	59.404	64.746	
23)	L5 AR-1248-3	7.666	6.529	6606385	6390874	58.964	71.602	
24)	L5 AR-1248-4	8.114	6.732	15207613	7815364	97.261	70.958	#
25)	L5 AR-1248-5	8.154	7.188	13550201	11663233	89.545	90.995	
26)	L6 AR-1254-1	8.083	7.141	9412818	15557469	67.662	85.067	#
27)	L6 AR-1254-2	8.325	7.311	16028095	3431201	70.028	21.197	#
28)	L6 AR-1254-3	8.717	7.756	10843494	11203991	39.658	38.848	
29)	L6 AR-1254-4	9.018	8.005	6799709	6809379	27.621	31.369	
30)	L6 AR-1254-5	9.456	8.488	4924017	1596300	18.180	5.307	#
31)	L7 AR-1260-1	8.848	7.915	2650774	5772457	14.902	31.816	#
32)	L7 AR-1260-2	9.154	8.100	14474585	2030313	57.376	8.276	#
33)	L7 AR-1260-3	0.000	8.266	0	2509571	N.D.	11.794	#
35)	L7 AR-1260-5	10.123	9.017	2864036	2522401	4.252	4.274	
37)	L8 AR-1262-2	10.123	9.017	2864036	2522401	3.272	3.404	
38)	L8 AR-1262-3	0.000	9.376	0	2644723	N.D.	8.360	#
39)	L8 AR-1262-4	0.000	9.376	0	2644723	N.D.	4.703	#
41)	L9 AR-1268-1	0.000	9.376	0	2644723	N.D.	2.313	#
42)	L9 AR-1268-2	0.000	9.376	0	2644723	N.D.	2.576	#

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

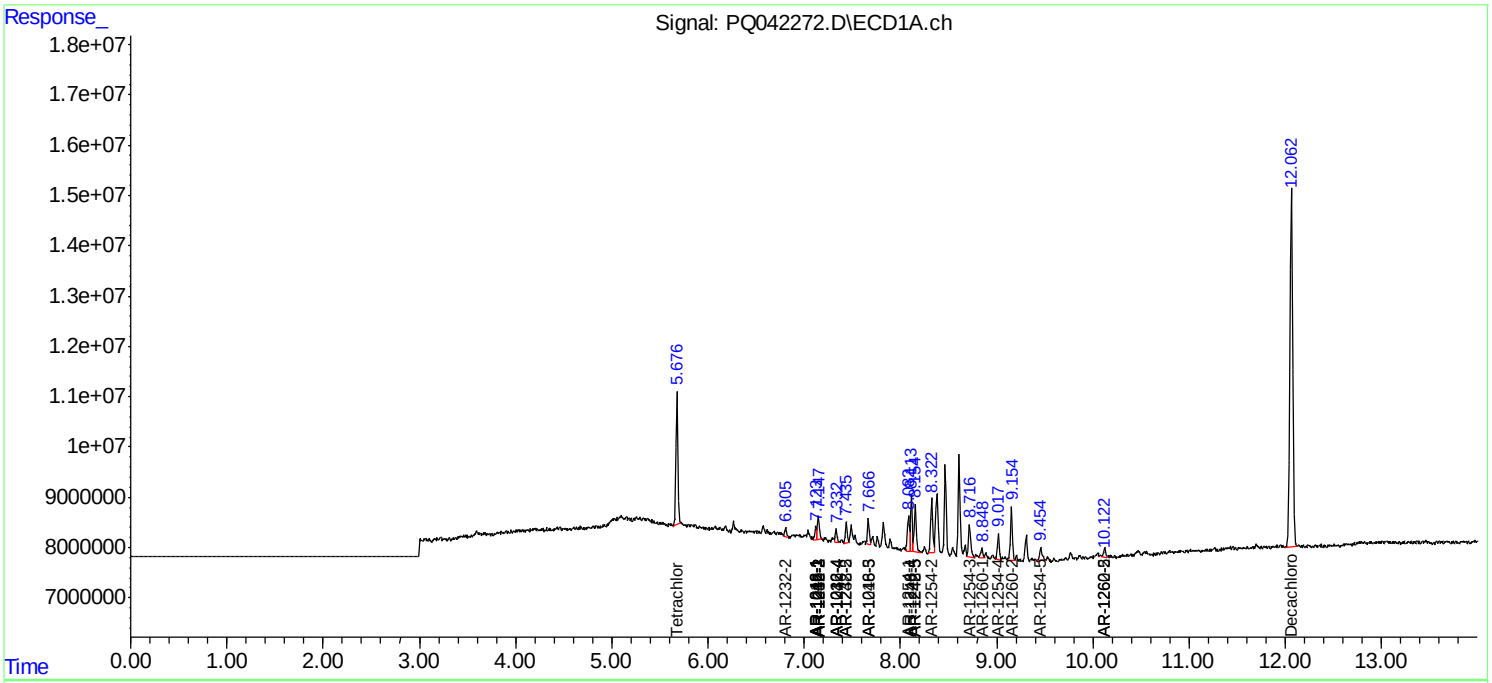
Quantitation Report (Not Reviewed)

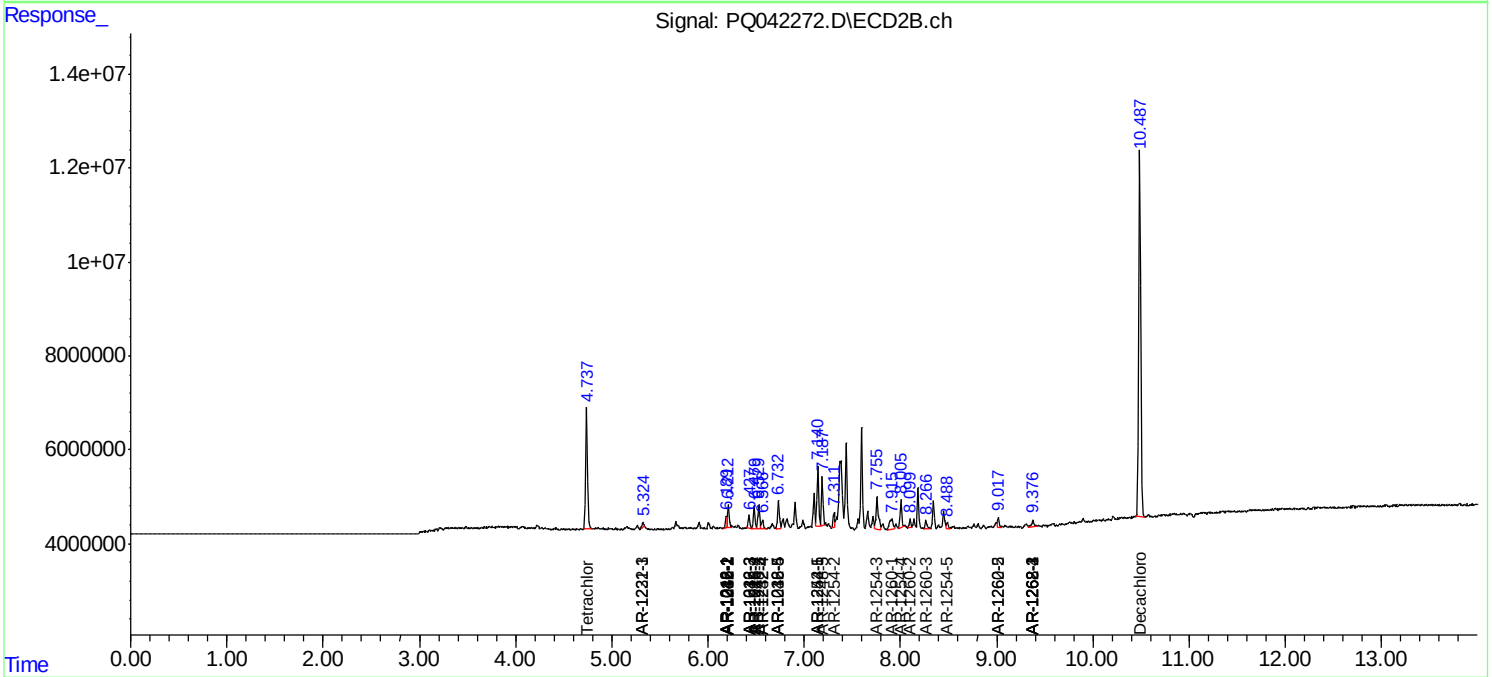
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081019\
Data File : PQ042272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2019 21:13
Operator : SM\AJ
Sample : K4286-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

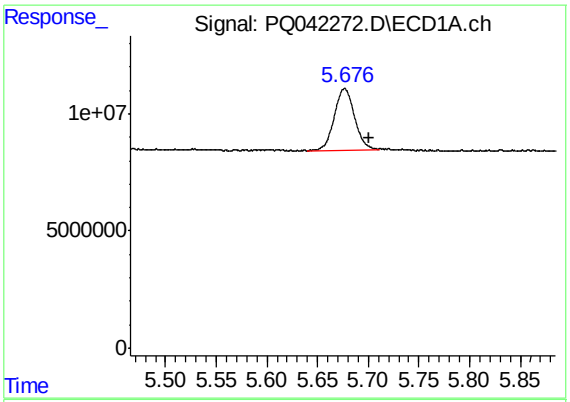
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 08:31:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



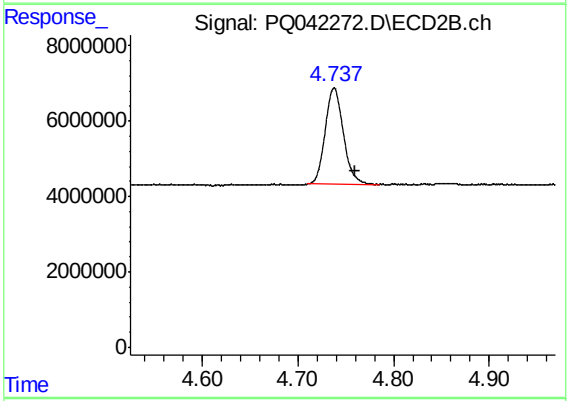




#1 Tetrachloro-m-xylene

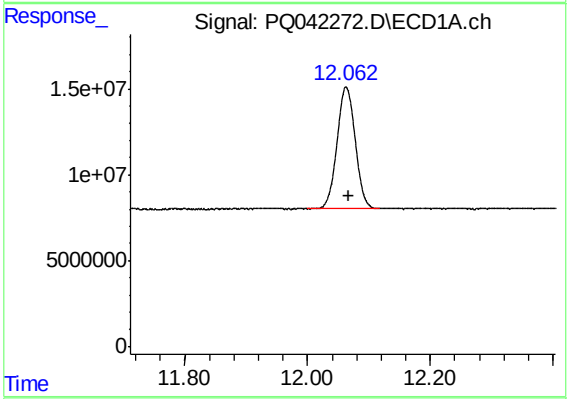
R.T.: 5.677 min
Delta R.T.: -0.024 min
Response: 36239852
Conc: 15.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



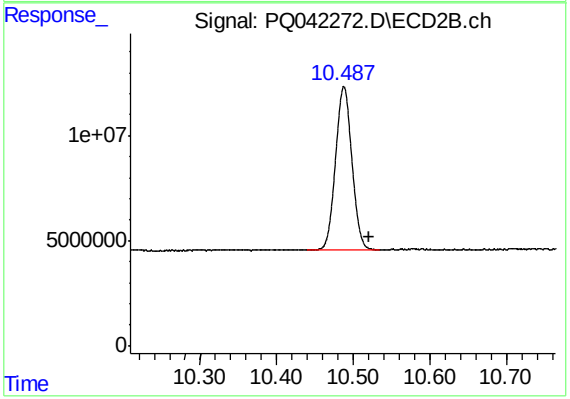
#1 Tetrachloro-m-xylene

R.T.: 4.738 min
Delta R.T.: -0.022 min
Response: 33774926
Conc: 17.53 ng/ml



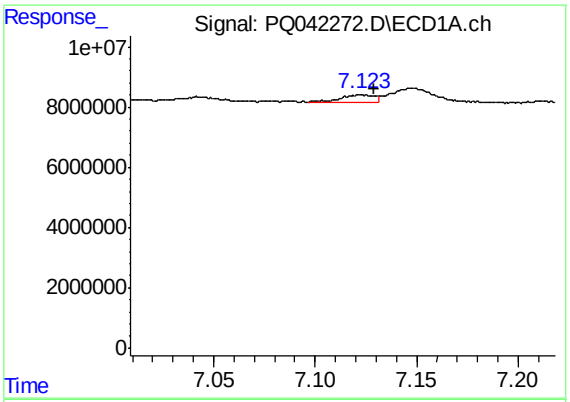
#2 Decachlorobiphenyl

R.T.: 12.062 min
Delta R.T.: -0.005 min
Response: 146695881
Conc: 17.40 ng/ml



#2 Decachlorobiphenyl

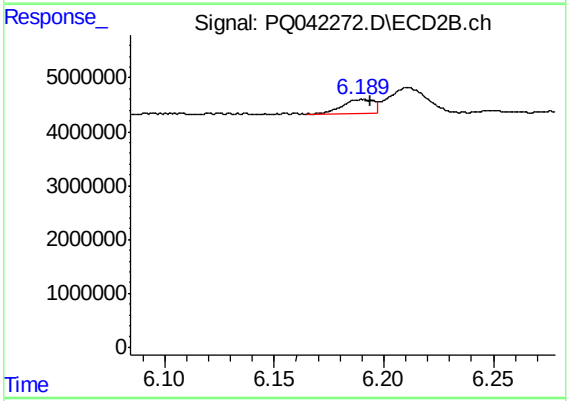
R.T.: 10.487 min
Delta R.T.: -0.032 min
Response: 115666442
Conc: 23.91 ng/ml



#3 AR-1016-1

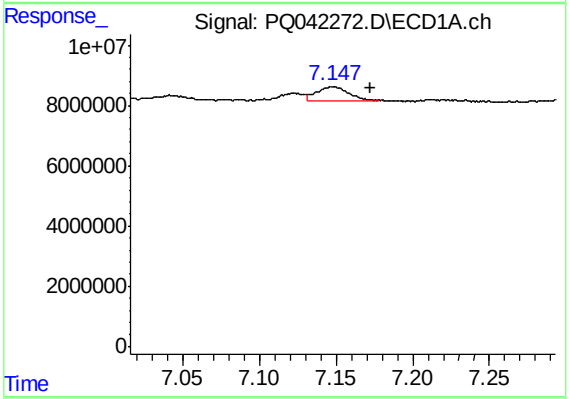
R.T.: 7.122 min
Delta R.T.: -0.007 min
Response: 2873916
Conc: 26.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



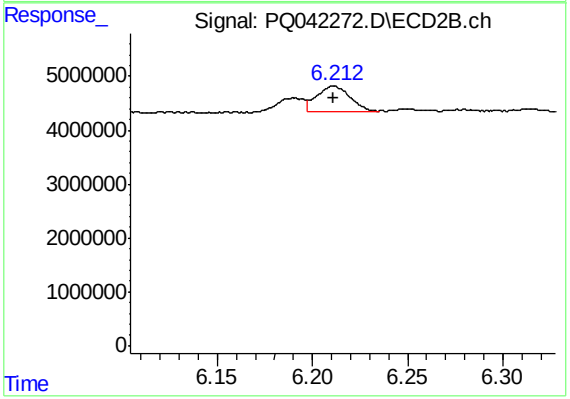
#3 AR-1016-1

R.T.: 6.190 min
Delta R.T.: -0.004 min
Response: 2569324
Conc: 24.76 ng/ml



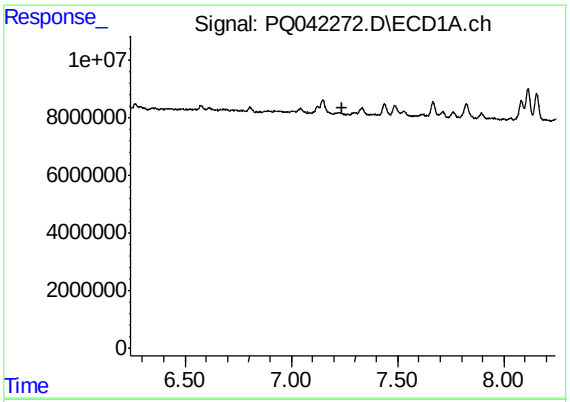
#4 AR-1016-2

R.T.: 7.147 min
Delta R.T.: -0.025 min
Response: 6528010
Conc: 41.71 ng/ml



#4 AR-1016-2

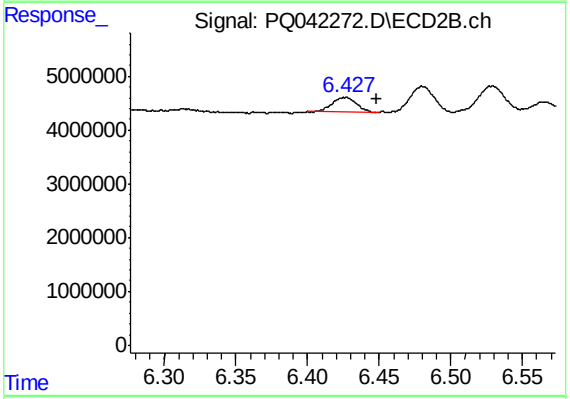
R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 5761603
Conc: 40.22 ng/ml



#5 AR-1016-3

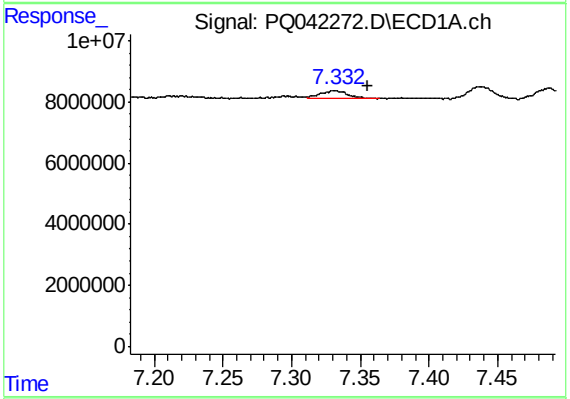
R.T.: 0.000 min
Exp R.T. : 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



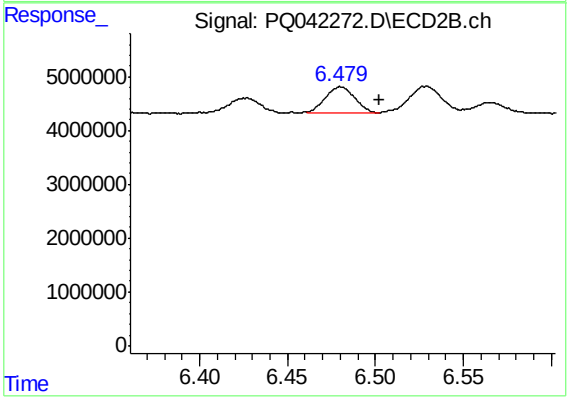
#5 AR-1016-3

R.T.: 6.427 min
Delta R.T.: -0.021 min
Response: 3200052
Conc: 42.91 ng/ml



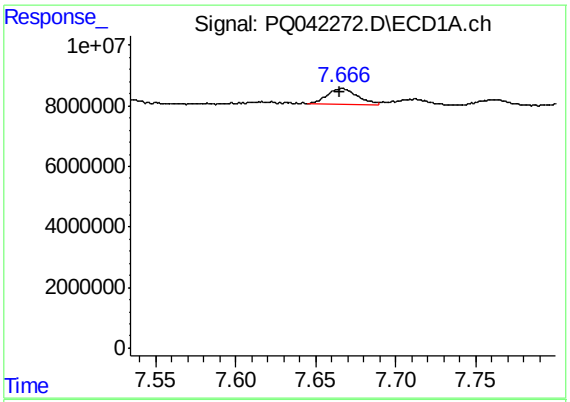
#6 AR-1016-4

R.T.: 7.332 min
Delta R.T.: -0.024 min
Response: 3711828
Conc: 47.58 ng/ml



#6 AR-1016-4

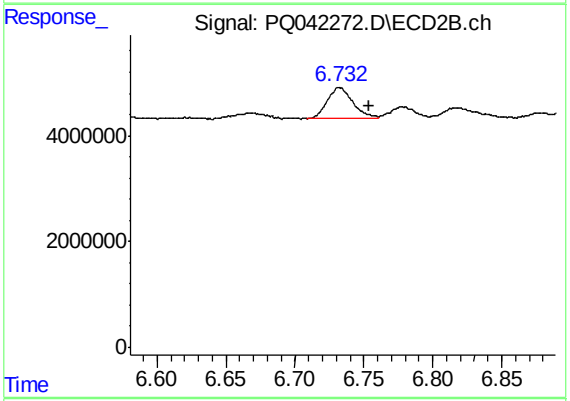
R.T.: 6.480 min
Delta R.T.: -0.022 min
Response: 5645031
Conc: 91.03 ng/ml



#7 AR-1016-5

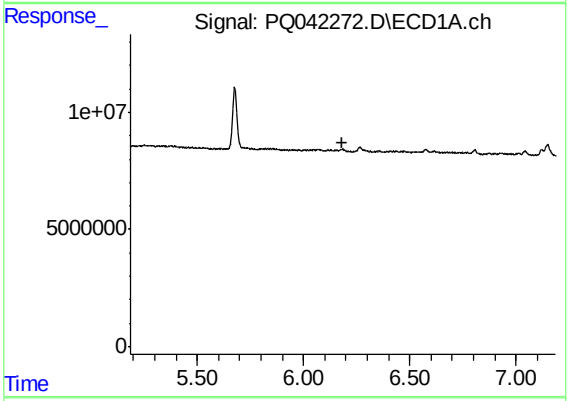
R.T.: 7.666 min
Delta R.T.: 0.001 min
Response: 6606385
Conc: 84.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



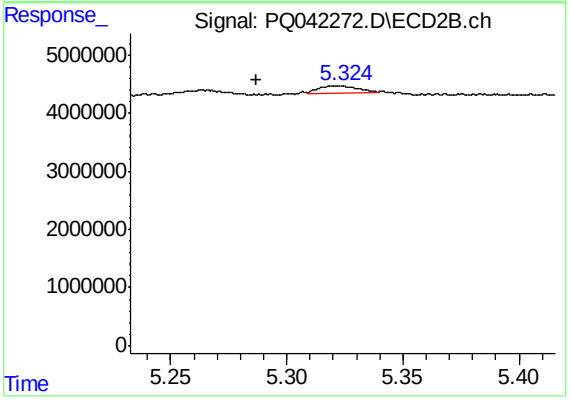
#7 AR-1016-5

R.T.: 6.732 min
Delta R.T.: -0.022 min
Response: 7815364
Conc: 96.01 ng/ml



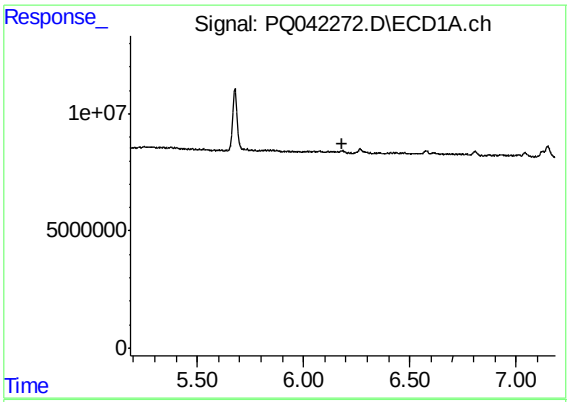
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

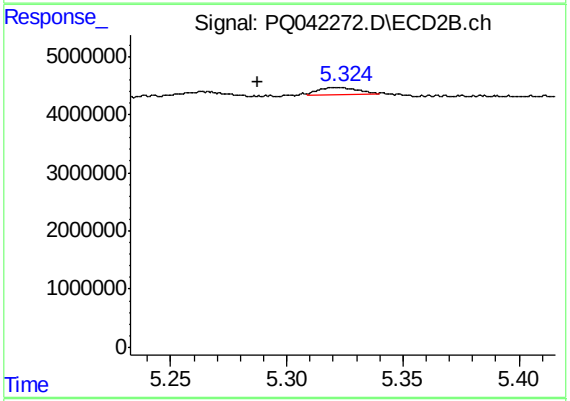
R.T.: 5.321 min
Delta R.T.: 0.034 min
Response: 1451365
Conc: 26.61 ng/ml



#11 AR-1232-1

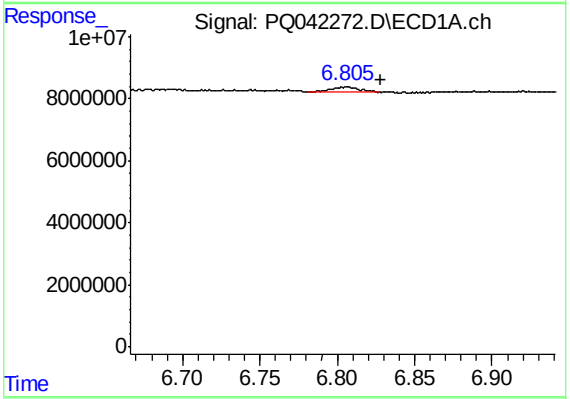
R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



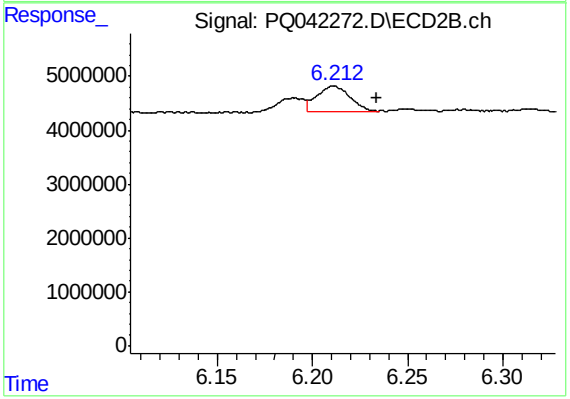
#11 AR-1232-1

R.T.: 5.321 min
Delta R.T.: 0.033 min
Response: 1451365
Conc: 30.06 ng/ml



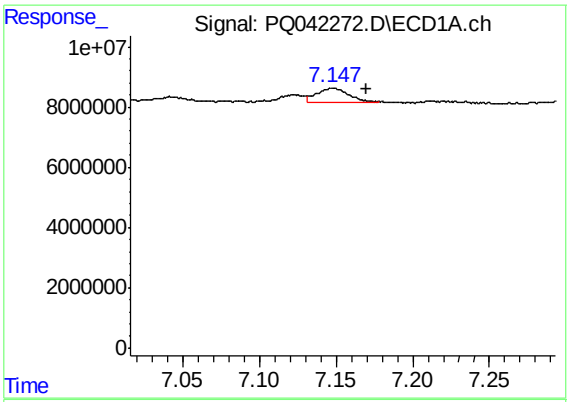
#12 AR-1232-2

R.T.: 6.806 min
Delta R.T.: -0.022 min
Response: 2192562
Conc: 66.73 ng/ml



#12 AR-1232-2

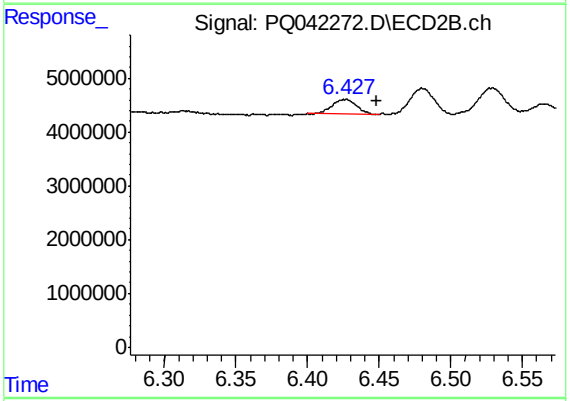
R.T.: 6.212 min
Delta R.T.: -0.022 min
Response: 5761603
Conc: 101.03 ng/ml



#13 AR-1232-3

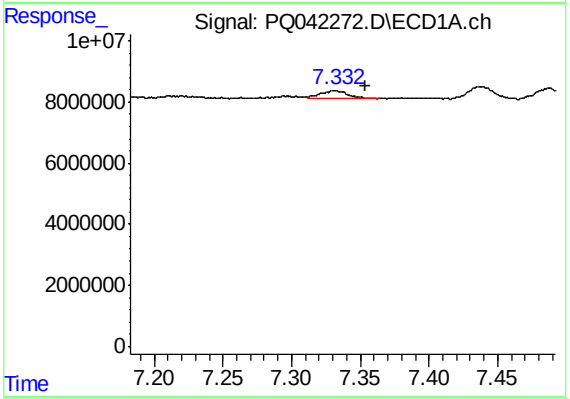
R.T.: 7.147 min
Delta R.T.: -0.023 min
Response: 6528010
Conc: 97.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



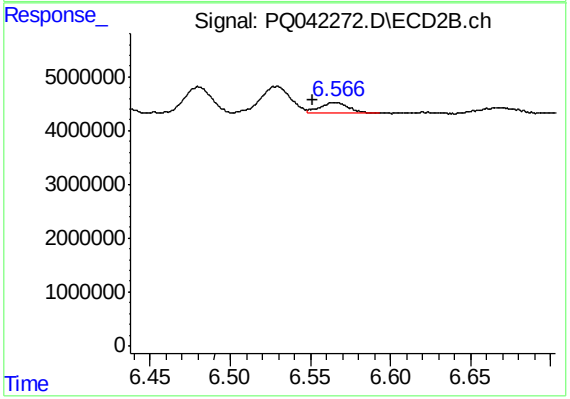
#13 AR-1232-3

R.T.: 6.427 min
Delta R.T.: -0.021 min
Response: 3200052
Conc: 107.31 ng/ml



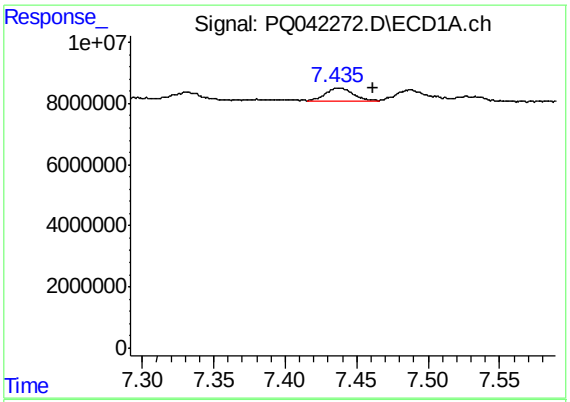
#14 AR-1232-4

R.T.: 7.332 min
Delta R.T.: -0.022 min
Response: 3711828
Conc: 115.72 ng/ml



#14 AR-1232-4

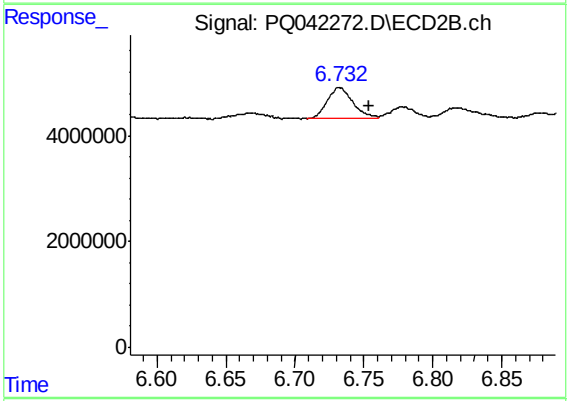
R.T.: 6.564 min
Delta R.T.: 0.012 min
Response: 2315168
Conc: 86.72 ng/ml



#15 AR-1232-5

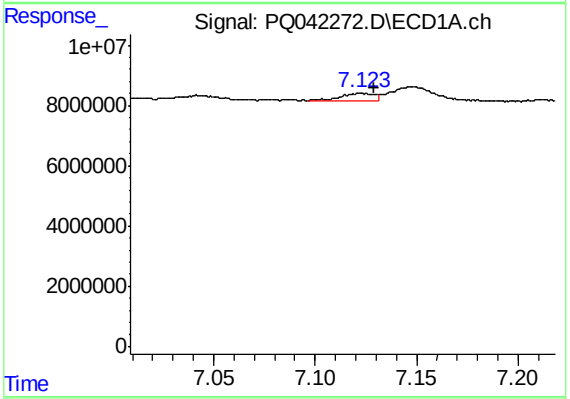
R.T.: 7.436 min
Delta R.T.: -0.025 min
Response: 5480770
Conc: 255.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



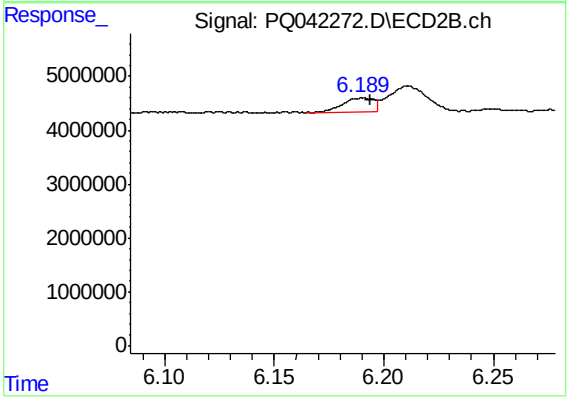
#15 AR-1232-5

R.T.: 6.732 min
Delta R.T.: -0.022 min
Response: 7815364
Conc: 266.50 ng/ml



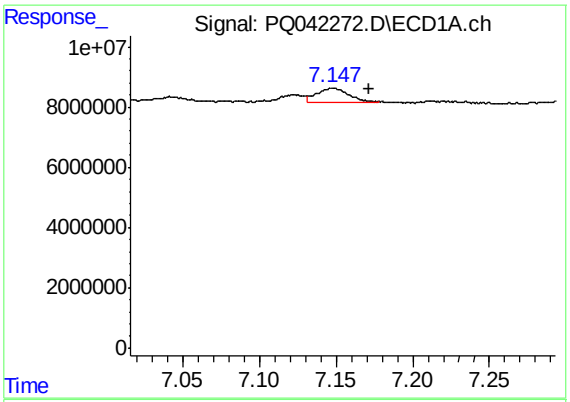
#16 AR-1242-1

R.T.: 7.122 min
Delta R.T.: -0.007 min
Response: 2873916
Conc: 32.13 ng/ml



#16 AR-1242-1

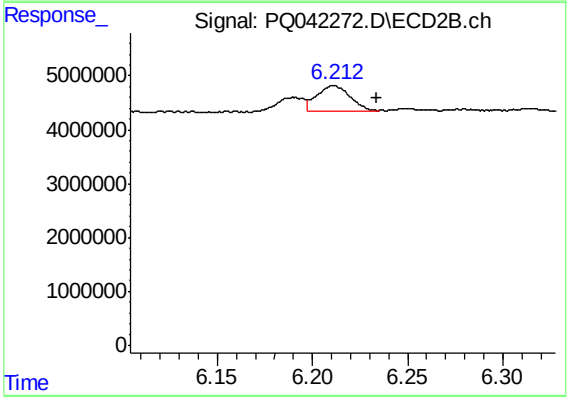
R.T.: 6.190 min
Delta R.T.: -0.004 min
Response: 2569324
Conc: 31.39 ng/ml



#17 AR-1242-2

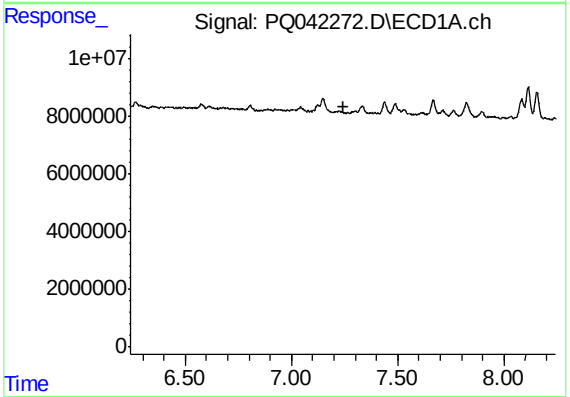
R.T.: 7.147 min
Delta R.T.: -0.024 min
Response: 6528010
Conc: 50.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



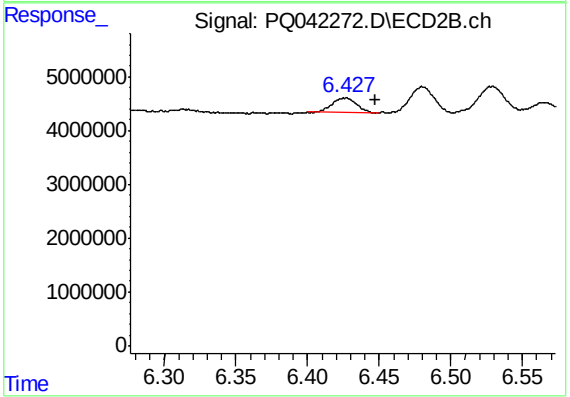
#17 AR-1242-2

R.T.: 6.212 min
Delta R.T.: -0.022 min
Response: 5761603
Conc: 51.02 ng/ml



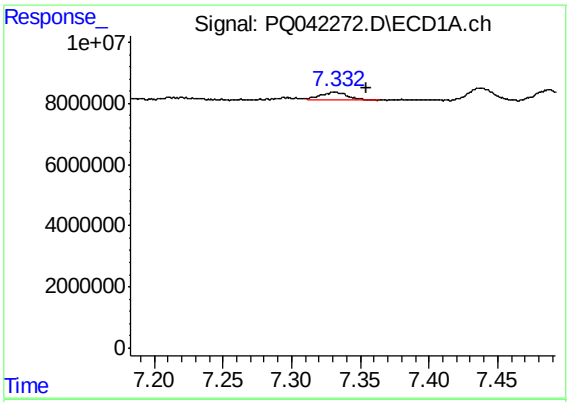
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.242 min
Response: 0
Conc: N.D.



#18 AR-1242-3

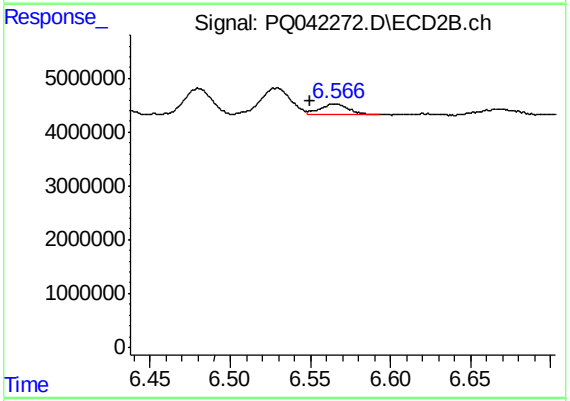
R.T.: 6.427 min
Delta R.T.: -0.020 min
Response: 3200052
Conc: 54.17 ng/ml



#19 AR-1242-4

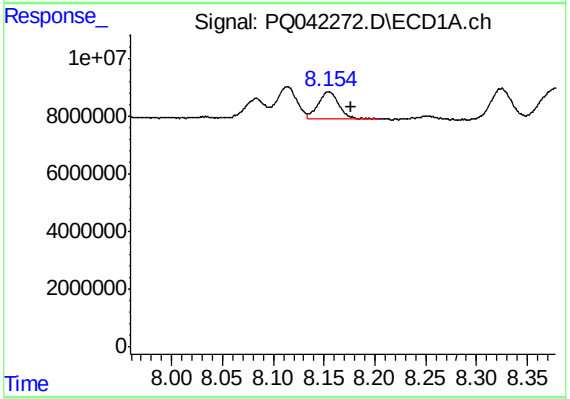
R.T.: 7.332 min
Delta R.T.: -0.022 min
Response: 3711828
Conc: 57.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



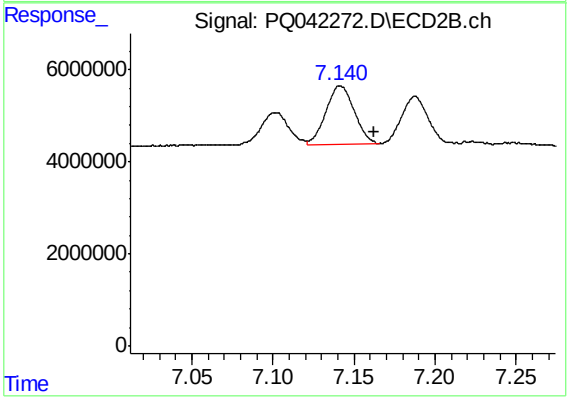
#19 AR-1242-4

R.T.: 6.564 min
Delta R.T.: 0.013 min
Response: 2315168
Conc: 39.04 ng/ml



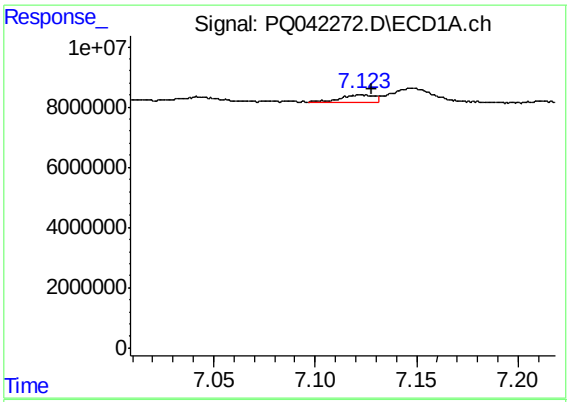
#20 AR-1242-5

R.T.: 8.154 min
Delta R.T.: -0.023 min
Response: 13550201
Conc: 152.72 ng/ml



#20 AR-1242-5

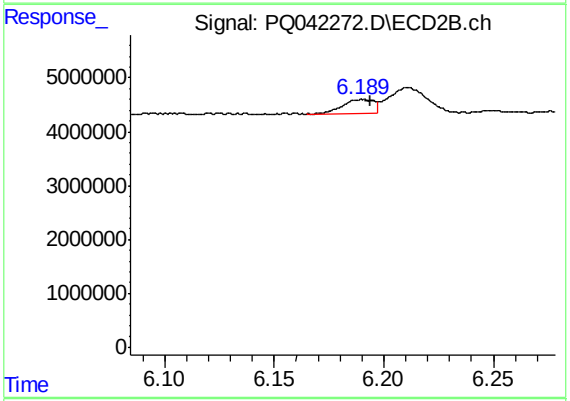
R.T.: 7.141 min
Delta R.T.: -0.021 min
Response: 15557469
Conc: 175.21 ng/ml



#21 AR-1248-1

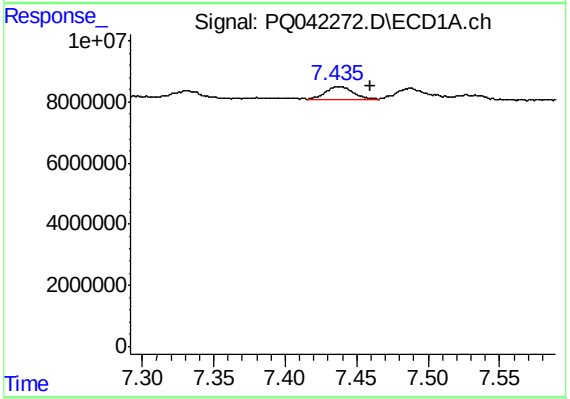
R.T.: 7.122 min
Delta R.T.: -0.006 min
Response: 2873916
Conc: 38.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



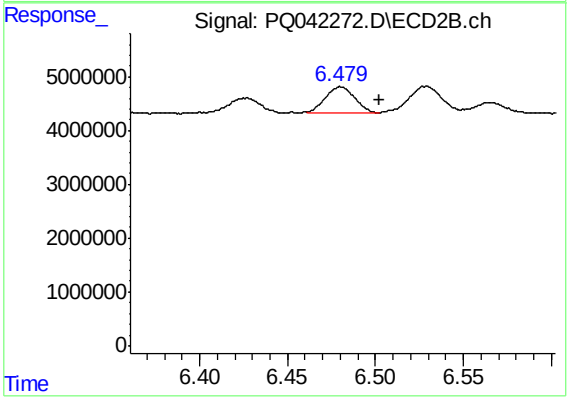
#21 AR-1248-1

R.T.: 6.190 min
Delta R.T.: -0.004 min
Response: 2569324
Conc: 38.75 ng/ml



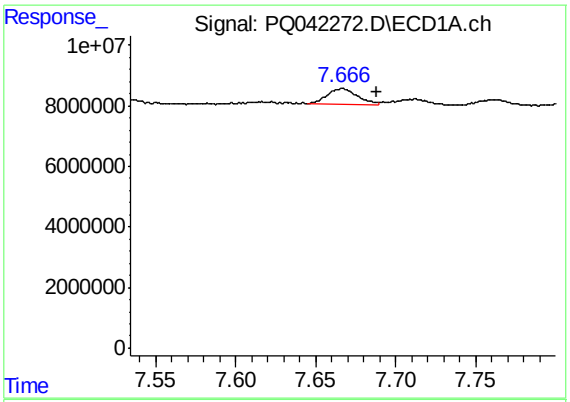
#22 AR-1248-2

R.T.: 7.436 min
Delta R.T.: -0.024 min
Response: 5480770
Conc: 59.40 ng/ml



#22 AR-1248-2

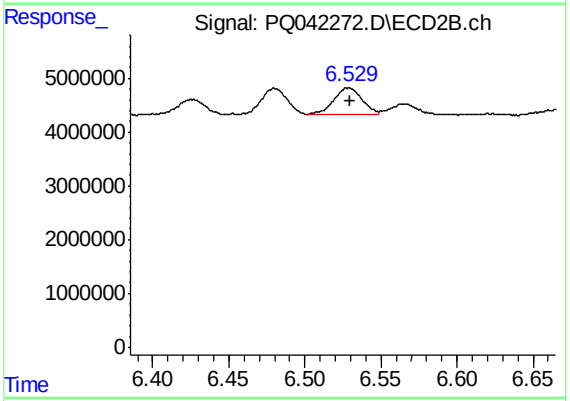
R.T.: 6.480 min
Delta R.T.: -0.022 min
Response: 5645031
Conc: 64.75 ng/ml



#23 AR-1248-3

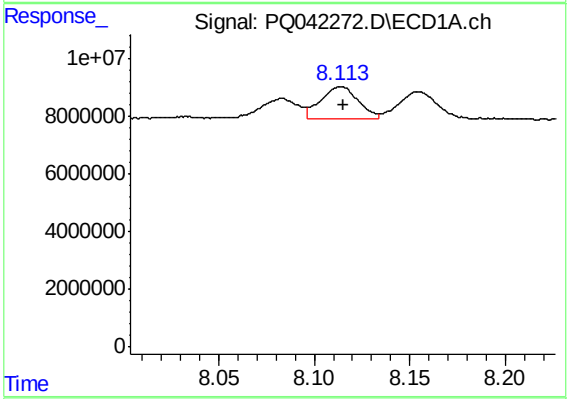
R.T.: 7.666 min
Delta R.T.: -0.022 min
Response: 6606385
Conc: 58.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



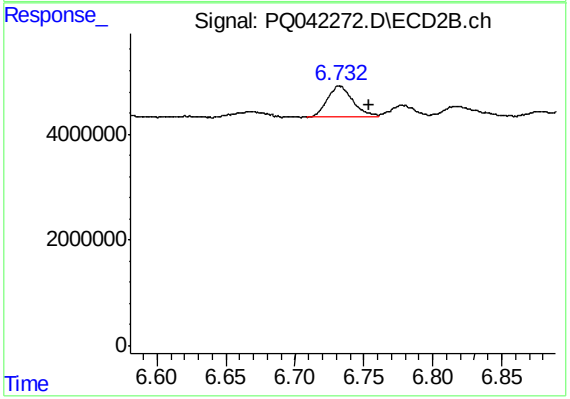
#23 AR-1248-3

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 6390874
Conc: 71.60 ng/ml



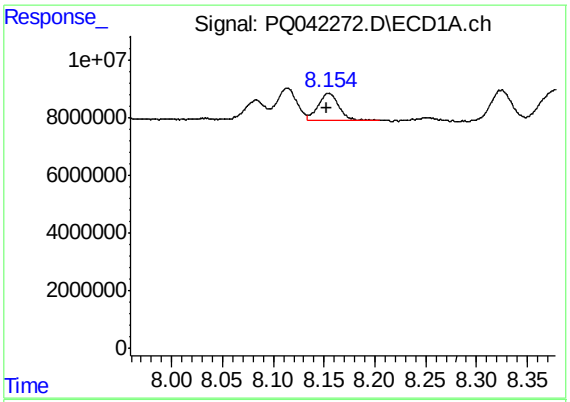
#24 AR-1248-4

R.T.: 8.114 min
Delta R.T.: -0.001 min
Response: 15207613
Conc: 97.26 ng/ml



#24 AR-1248-4

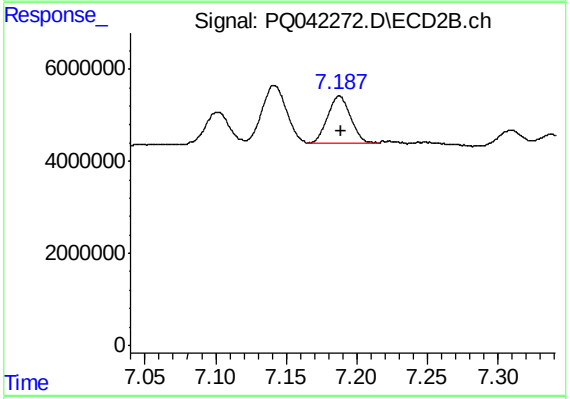
R.T.: 6.732 min
Delta R.T.: -0.022 min
Response: 7815364
Conc: 70.96 ng/ml



#25 AR-1248-5

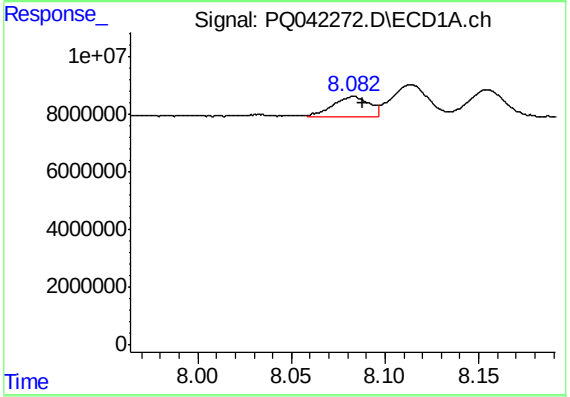
R.T.: 8.154 min
Delta R.T.: 0.001 min
Response: 13550201
Conc: 89.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



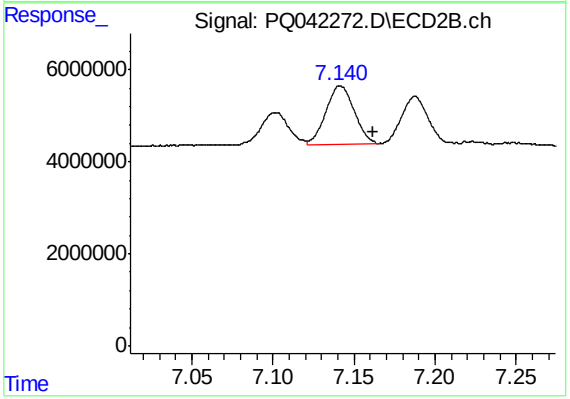
#25 AR-1248-5

R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 11663233
Conc: 90.99 ng/ml



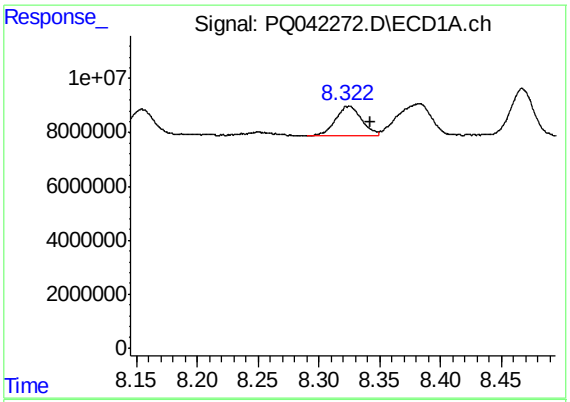
#26 AR-1254-1

R.T.: 8.083 min
Delta R.T.: -0.005 min
Response: 9412818
Conc: 67.66 ng/ml



#26 AR-1254-1

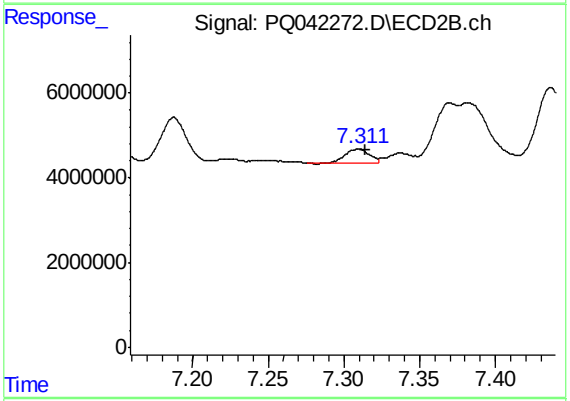
R.T.: 7.141 min
Delta R.T.: -0.021 min
Response: 15557469
Conc: 85.07 ng/ml



#27 AR-1254-2

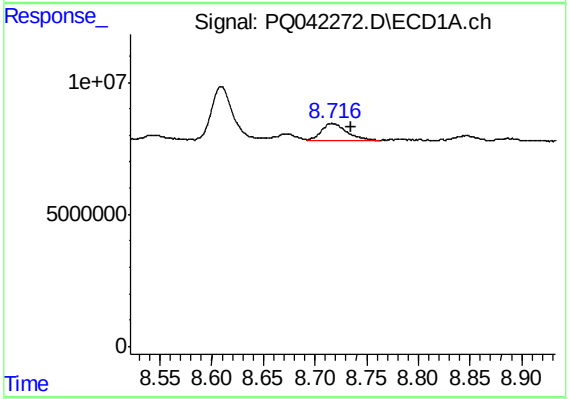
R.T.: 8.325 min
Delta R.T.: -0.017 min
Response: 16028095
Conc: 70.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



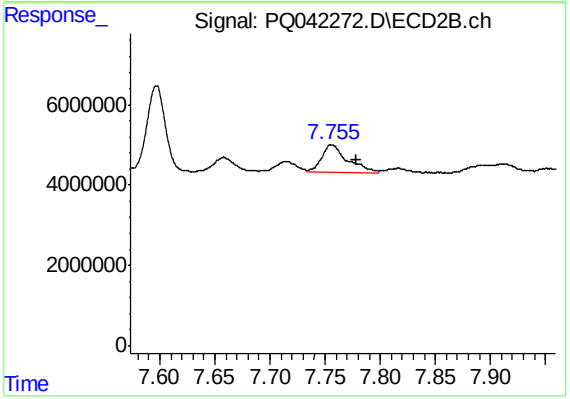
#27 AR-1254-2

R.T.: 7.311 min
Delta R.T.: -0.003 min
Response: 3431201
Conc: 21.20 ng/ml



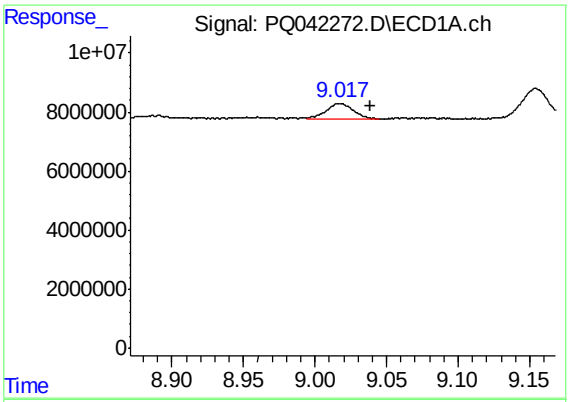
#28 AR-1254-3

R.T.: 8.717 min
Delta R.T.: -0.019 min
Response: 10843494
Conc: 39.66 ng/ml



#28 AR-1254-3

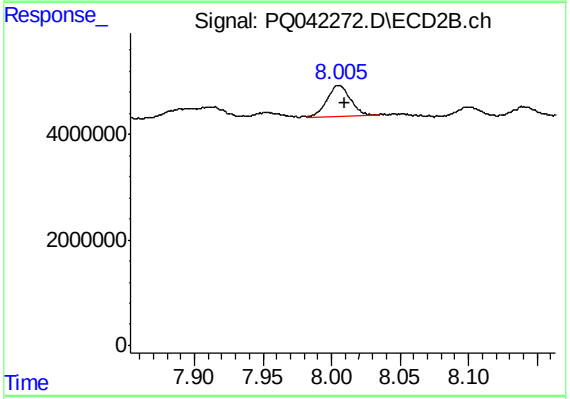
R.T.: 7.756 min
Delta R.T.: -0.022 min
Response: 11203991
Conc: 38.85 ng/ml



#29 AR-1254-4

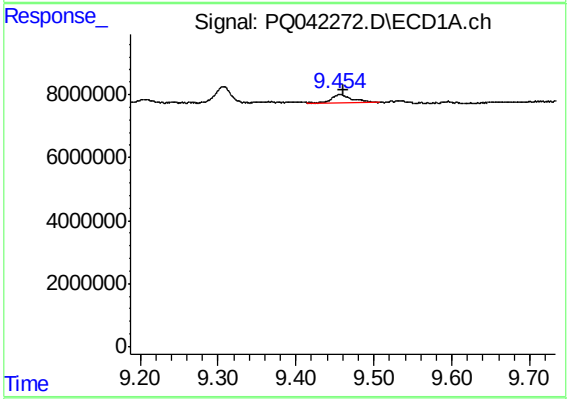
R.T.: 9.018 min
Delta R.T.: -0.021 min
Response: 6799709
Conc: 27.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



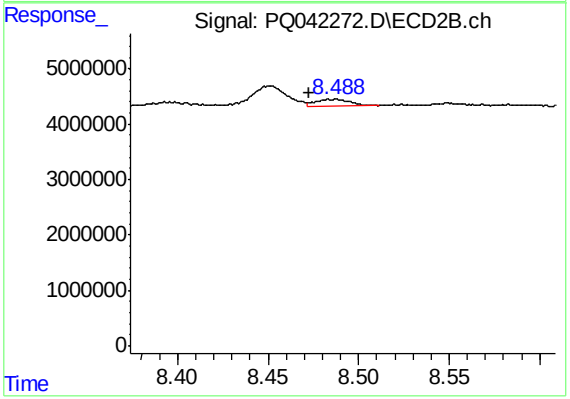
#29 AR-1254-4

R.T.: 8.005 min
Delta R.T.: -0.005 min
Response: 6809379
Conc: 31.37 ng/ml



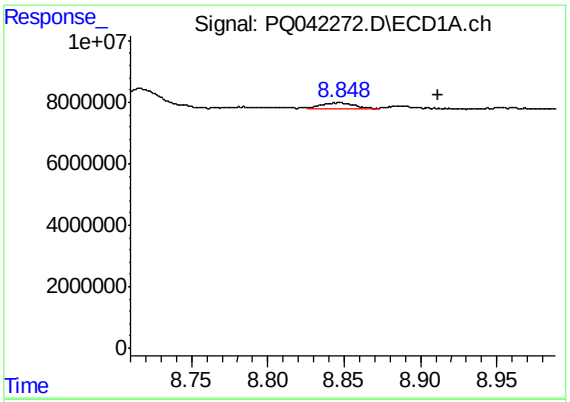
#30 AR-1254-5

R.T.: 9.456 min
Delta R.T.: -0.005 min
Response: 4924017
Conc: 18.18 ng/ml



#30 AR-1254-5

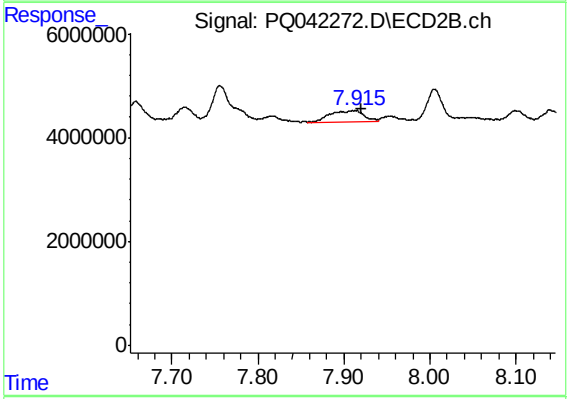
R.T.: 8.488 min
Delta R.T.: 0.015 min
Response: 1596300
Conc: 5.31 ng/ml



#31 AR-1260-1

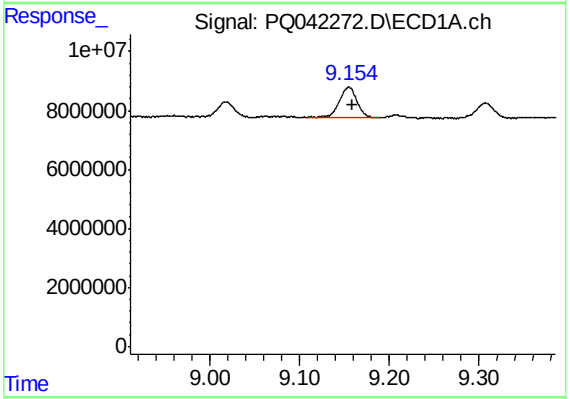
R.T.: 8.848 min
Delta R.T.: -0.063 min
Response: 2650774
Conc: 14.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



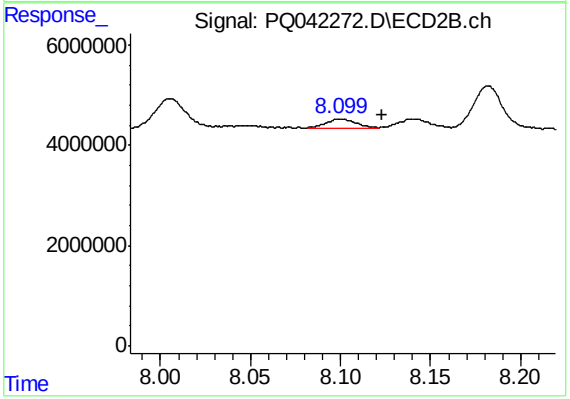
#31 AR-1260-1

R.T.: 7.915 min
Delta R.T.: -0.006 min
Response: 5772457
Conc: 31.82 ng/ml



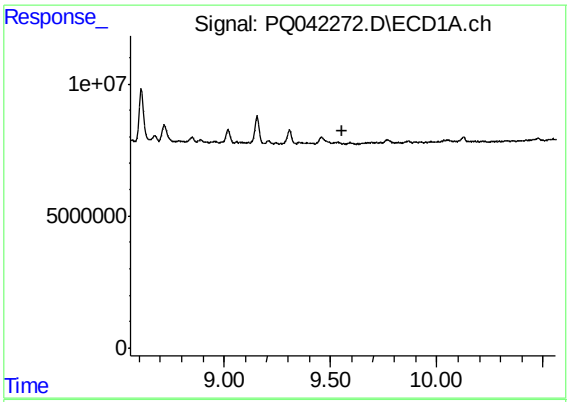
#32 AR-1260-2

R.T.: 9.154 min
Delta R.T.: -0.004 min
Response: 14474585
Conc: 57.38 ng/ml



#32 AR-1260-2

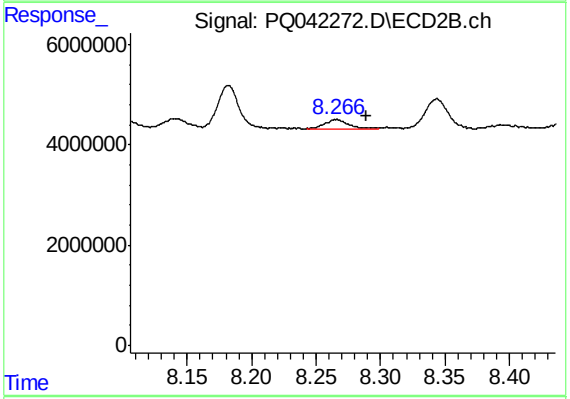
R.T.: 8.100 min
Delta R.T.: -0.024 min
Response: 2030313
Conc: 8.28 ng/ml



#33 AR-1260-3

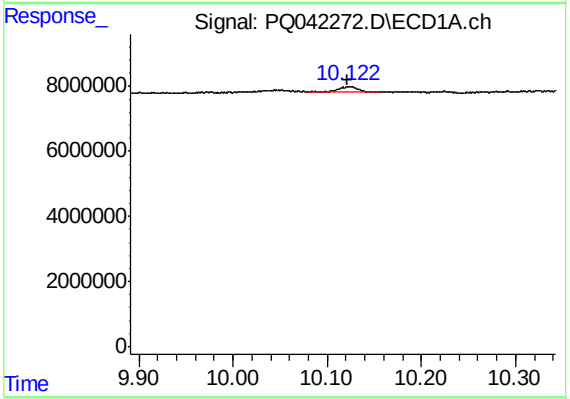
R.T.: 0.000 min
Exp R.T. : 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



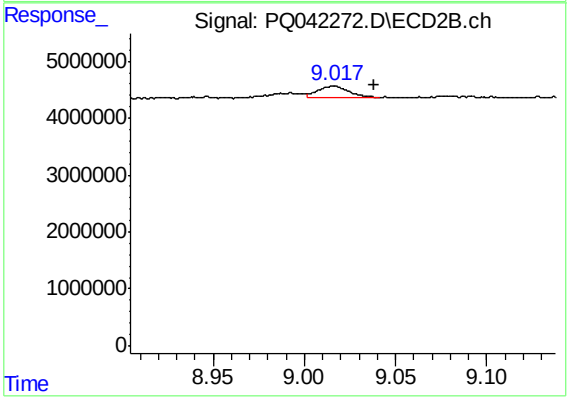
#33 AR-1260-3

R.T.: 8.266 min
Delta R.T.: -0.023 min
Response: 2509571
Conc: 11.79 ng/ml



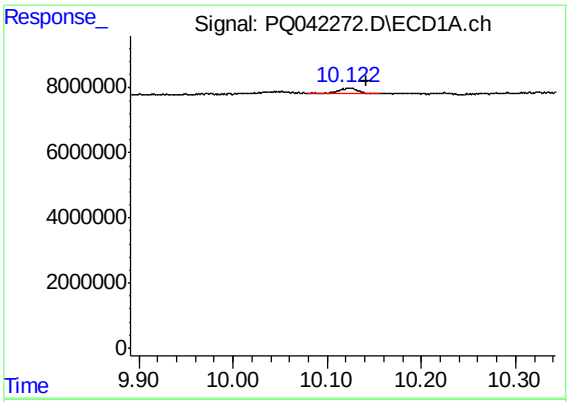
#35 AR-1260-5

R.T.: 10.123 min
Delta R.T.: 0.002 min
Response: 2864036
Conc: 4.25 ng/ml



#35 AR-1260-5

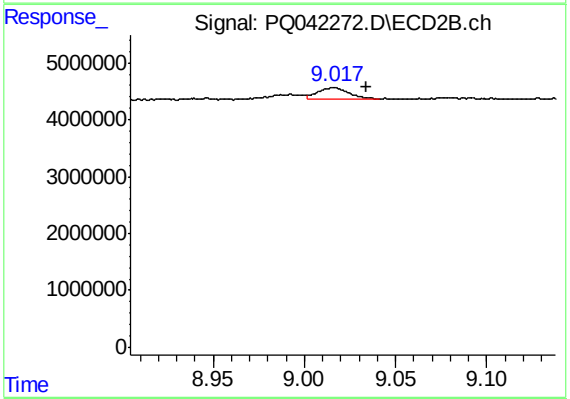
R.T.: 9.017 min
Delta R.T.: -0.022 min
Response: 2522401
Conc: 4.27 ng/ml



#37 AR-1262-2

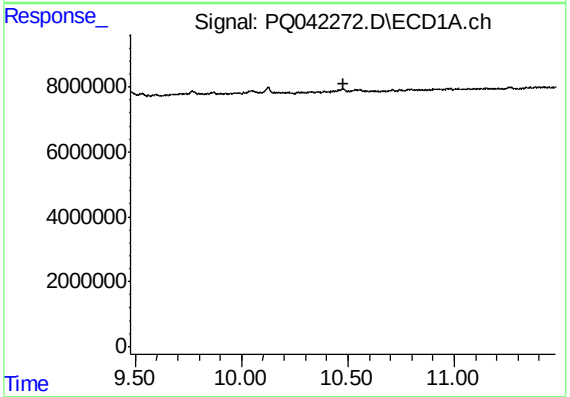
R.T.: 10.123 min
Delta R.T.: -0.019 min
Response: 2864036
Conc: 3.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



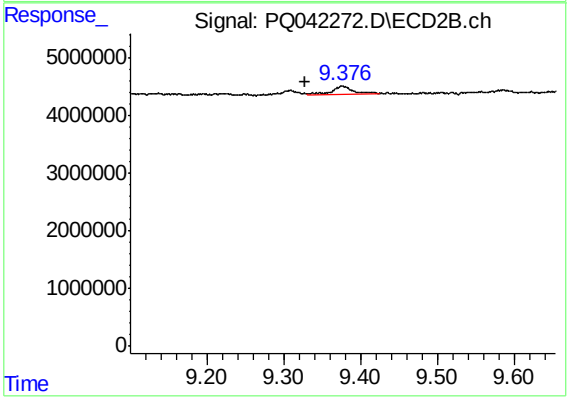
#37 AR-1262-2

R.T.: 9.017 min
Delta R.T.: -0.018 min
Response: 2522401
Conc: 3.40 ng/ml



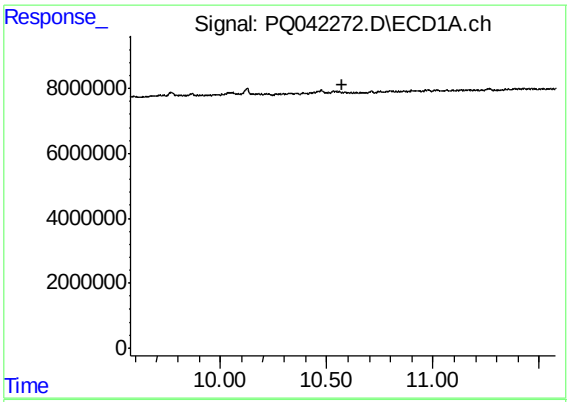
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.477 min
Response: 0
Conc: N.D.



#38 AR-1262-3

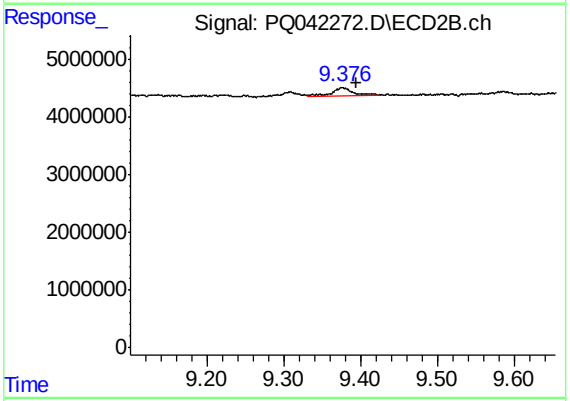
R.T.: 9.376 min
Delta R.T.: 0.049 min
Response: 2644723
Conc: 8.36 ng/ml



#39 AR-1262-4

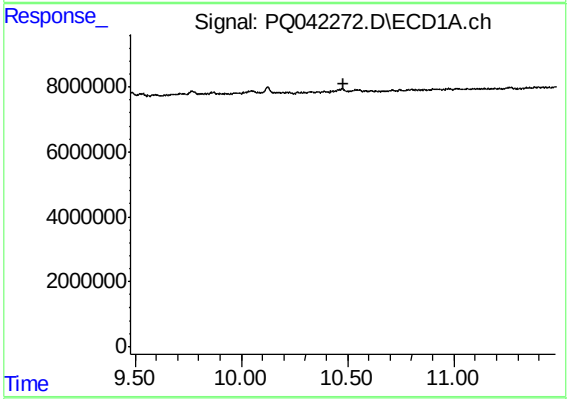
R.T.: 0.000 min
Exp R.T. : 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



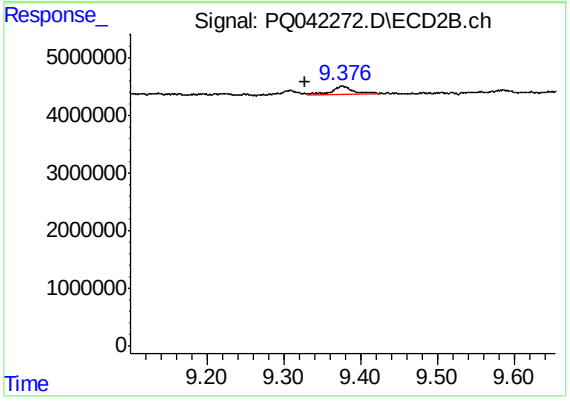
#39 AR-1262-4

R.T.: 9.376 min
Delta R.T.: -0.019 min
Response: 2644723
Conc: 4.70 ng/ml



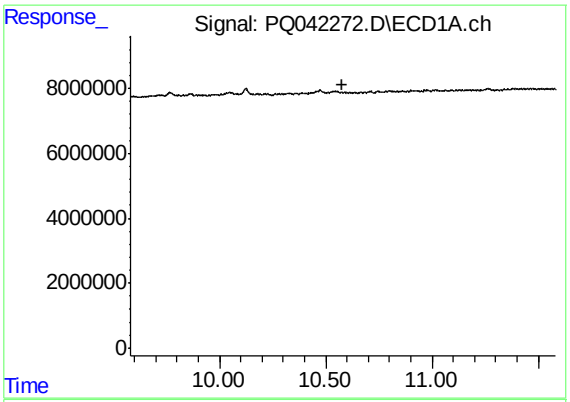
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 10.478 min
Response: 0
Conc: N.D.



#41 AR-1268-1

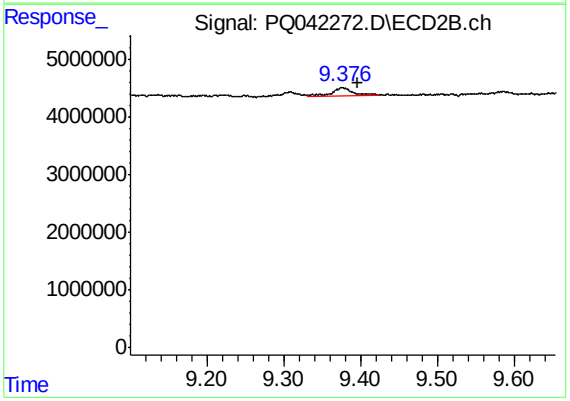
R.T.: 9.376 min
Delta R.T.: 0.048 min
Response: 2644723
Conc: 2.31 ng/ml



#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.581 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#42 AR-1268-2

R.T.: 9.376 min
Delta R.T.: -0.019 min
Response: 2644723
Conc: 2.58 ng/ml