

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 03:21
 Operator : SM\AJ
 Sample : K3043-16
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 04:32:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.602	4.738	41914978	26675078	12.795	12.420
2)	SA Decachlor...	11.908	10.456	162.7E6	81604464	22.771	19.626
Target Compounds							
3)	L1 AR-1016-1	7.049	6.182	9330527	7313628	55.774	57.014
4)	L1 AR-1016-2	7.077	6.204	12414034	5490319	47.219	28.445 #
5)	L1 AR-1016-3	0.000	6.418	0	1449420	N.D.	13.439 #
6)	L1 AR-1016-4	0.000	6.472	0	6191830	N.D.	72.718 #
7)	L1 AR-1016-5	0.000	6.723	0	3841834	N.D.	33.367 #
8)	L2 AR-1221-1	0.000	5.033	0	547409	N.D.	22.337 #
9)	L2 AR-1221-2	0.000	5.157	0	612300	N.D.	37.593 #
10)	L2 AR-1221-3	0.000	5.258	0	323374	N.D.	5.318 #
11)	L3 AR-1232-1	0.000	5.258	0	323374	N.D.	7.057 #
12)	L3 AR-1232-2	0.000	6.204	0	5490319	N.D.	91.526 #
13)	L3 AR-1232-3	7.077	6.418	12414034	1449420	153.616	41.214 #
14)	L3 AR-1232-4	0.000	6.519	0	7276295	N.D.	246.251 #
15)	L3 AR-1232-5	7.362	6.723	8866589	3841834	279.769	127.617 #
16)	L4 AR-1242-1	7.049	6.182	9330527	7313628	96.235	98.902
17)	L4 AR-1242-2	7.077	6.204	12414034	5490319	85.899	51.572 #
18)	L4 AR-1242-3	0.000	6.418	0	1449420	N.D.	24.027 #
19)	L4 AR-1242-4	0.000	6.519	0	7276295	N.D.	122.085 #
20)	L4 AR-1242-5	0.000	7.131	0	5193264	N.D.	64.442 #
21)	L5 AR-1248-1	7.049	6.182	9330527	7313628	120.546	126.921
22)	L5 AR-1248-2	7.362	6.472	8866589	6191830	78.722	70.426
23)	L5 AR-1248-3	0.000	6.519	0	7276295	N.D.	80.416 #
24)	L5 AR-1248-4	8.006	6.723	3356371	3841834	22.232	34.790 #
25)	L5 AR-1248-5	0.000	7.178	0	1955408	N.D.	17.223 #
26)	L6 AR-1254-1	8.006	7.131	3356371	5193264	19.246	27.114 #
27)	L6 AR-1254-2	8.246	7.300	35102738	1571829	126.929	9.048 #
28)	L6 AR-1254-3	8.645	7.746	22945176	11739254	77.313	40.623 #
29)	L6 AR-1254-4	0.000	7.995	0	3216057	N.D.	18.012 #
30)	L6 AR-1254-5	9.393	8.437	12485323	4005589	43.353	15.548 #
31)	L7 AR-1260-1	0.000	7.884	0	5996319	N.D.	21.873 #
32)	L7 AR-1260-2	0.000	8.090	0	3423612	N.D.	9.897 #
33)	L7 AR-1260-3	0.000	8.251	0	2360945	N.D.	7.362 #
34)	L7 AR-1260-4	0.000	8.747	0	1633128	N.D.	6.010 #
35)	L7 AR-1260-5	0.000	9.001	0	4252860	N.D.	6.327 #
36)	L8 AR-1262-1	0.000	8.531	0	833183	N.D.	7.338 #
37)	L8 AR-1262-2	0.000	9.001	0	4252860	N.D.	8.572 #
38)	L8 AR-1262-3	0.000	9.291	0	687073	N.D.	3.268 #
39)	L8 AR-1262-4	0.000	9.358	0	2871442	N.D.	7.584 #
40)	L8 AR-1262-5	0.000	9.879	0	991023	N.D.	6.112 #
41)	L9 AR-1268-1	0.000	9.291	0	687073	N.D.	1.506 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 03:21
 Operator : SM\AJ
 Sample : K3043-16
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

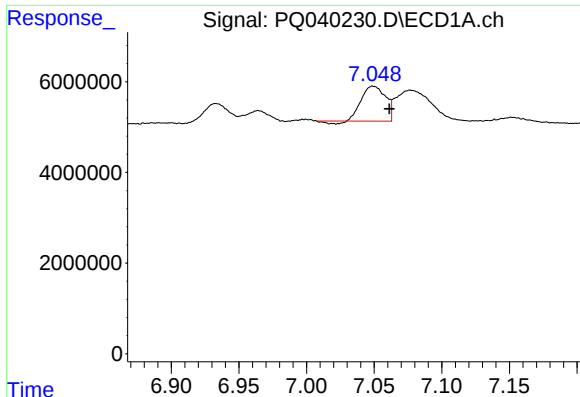
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 04:32:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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
42) L9	AR-1268-2	0.000	9.358	0	2871442	N.D.	6.568 #
43) L9	AR-1268-3	0.000	9.566	0	544724	N.D.	1.451 #
44) L9	AR-1268-4	0.000	9.879	0	991023	N.D.	7.193 #
45) L9	AR-1268-5	0.000	10.190	0	1348344	N.D.	1.142 #

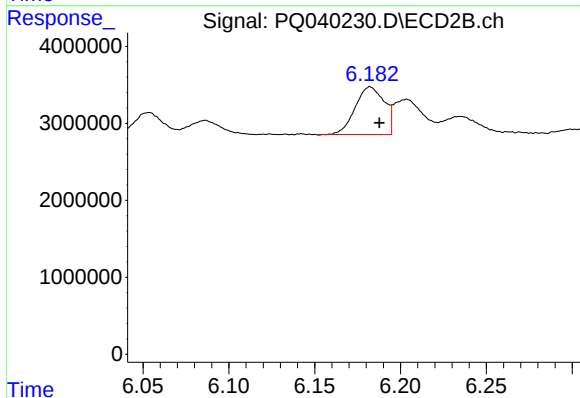
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

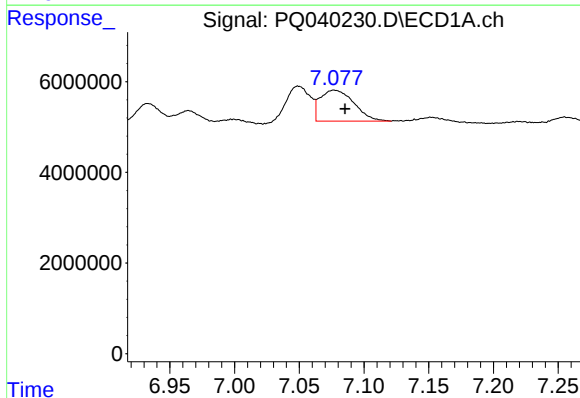
R.T.: 7.049 min
Delta R.T.: -0.012 min
Response: 9330527
Conc: 55.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



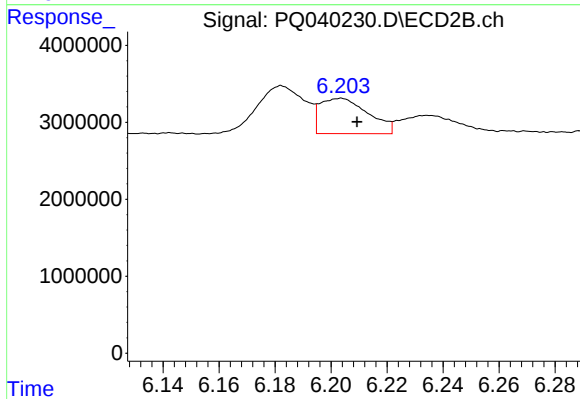
#3 AR-1016-1

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 7313628
Conc: 57.01 ng/ml



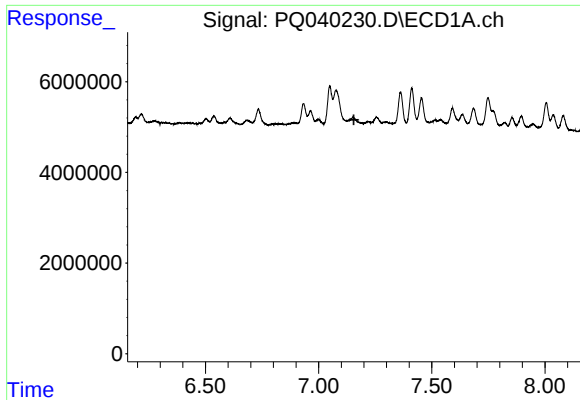
#4 AR-1016-2

R.T.: 7.077 min
Delta R.T.: -0.008 min
Response: 12414034
Conc: 47.22 ng/ml



#4 AR-1016-2

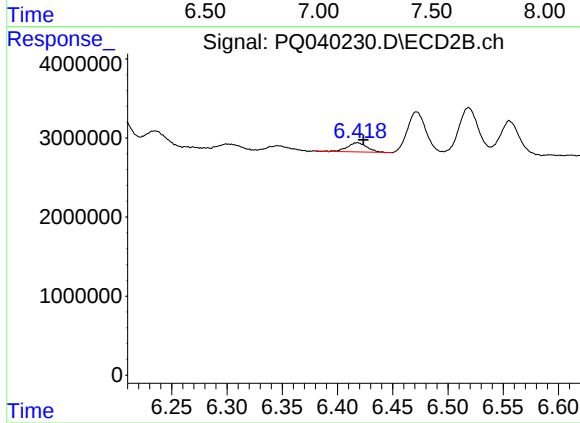
R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 5490319
Conc: 28.45 ng/ml



#5 AR-1016-3

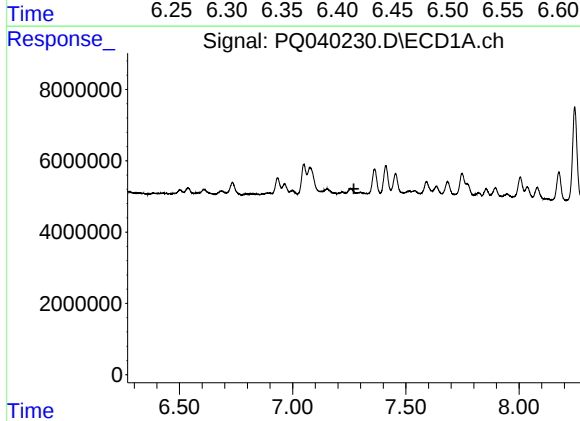
R.T.: 0.000 min
Exp R.T.: 7.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



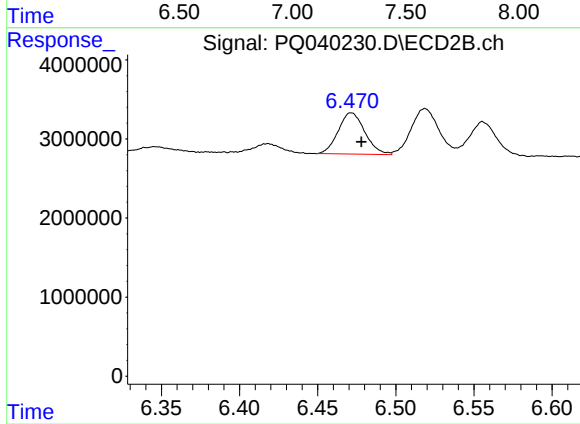
#5 AR-1016-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 1449420
Conc: 13.44 ng/ml



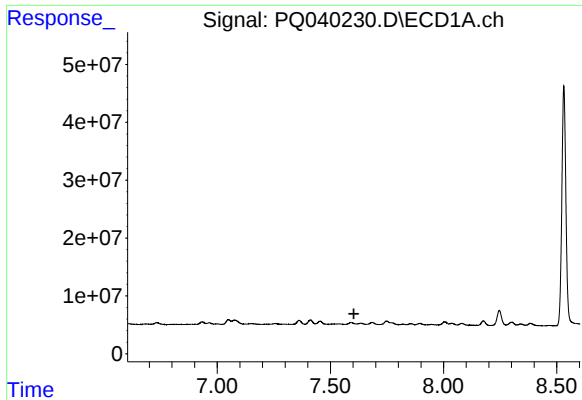
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

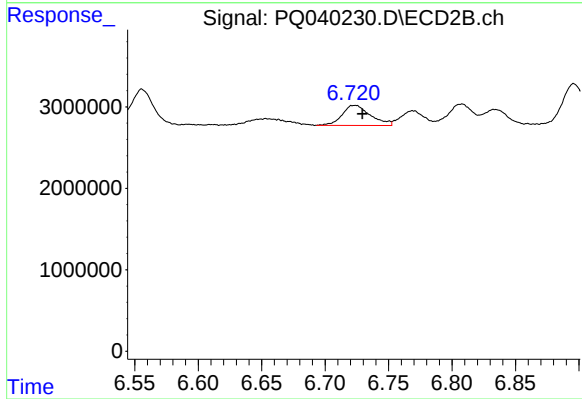
R.T.: 6.472 min
Delta R.T.: -0.006 min
Response: 6191830
Conc: 72.72 ng/ml



#7 AR-1016-5

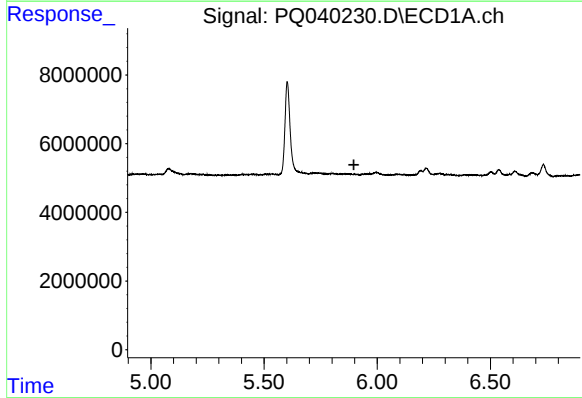
R.T.: 0.000 min
Exp R.T.: 7.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



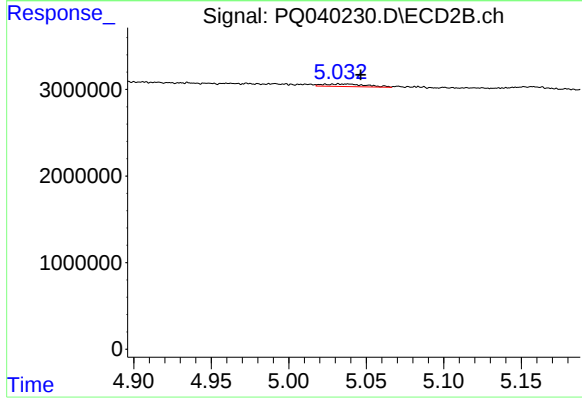
#7 AR-1016-5

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 3841834
Conc: 33.37 ng/ml



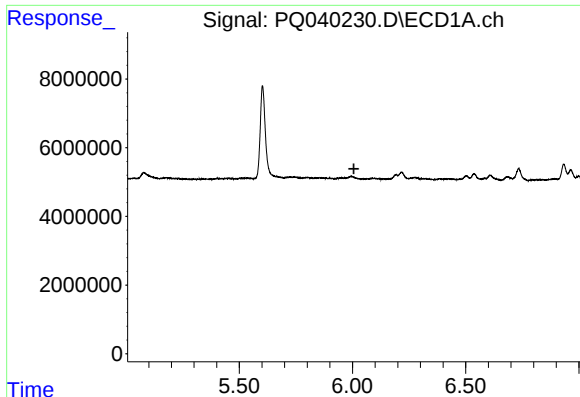
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

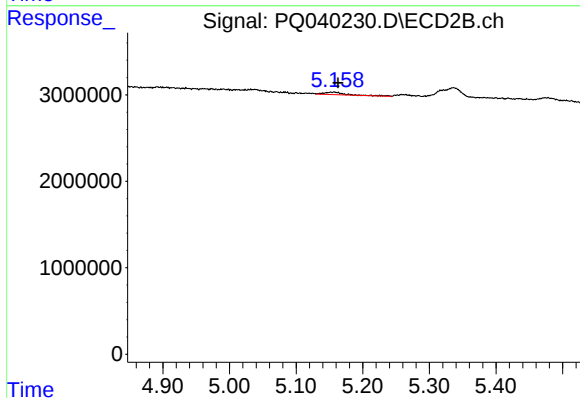
R.T.: 5.033 min
Delta R.T.: -0.014 min
Response: 547409
Conc: 22.34 ng/ml



#9 AR-1221-2

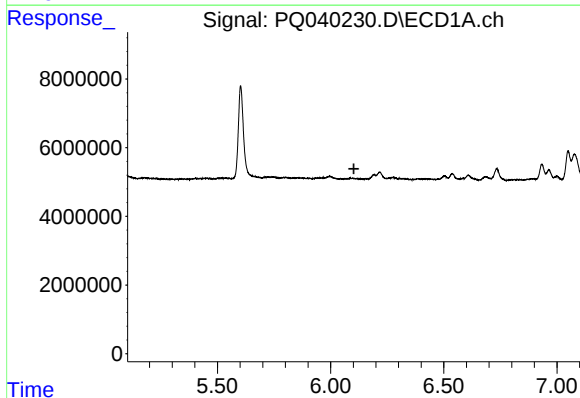
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



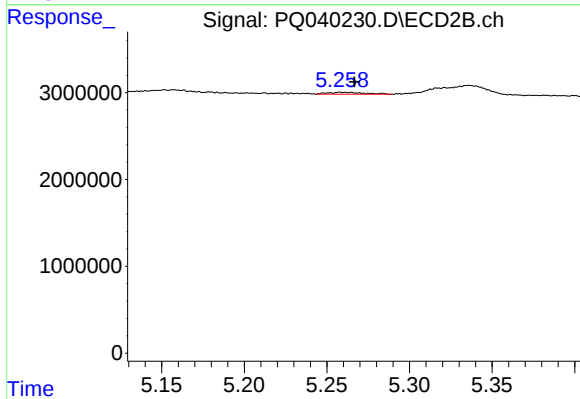
#9 AR-1221-2

R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 612300
Conc: 37.59 ng/ml



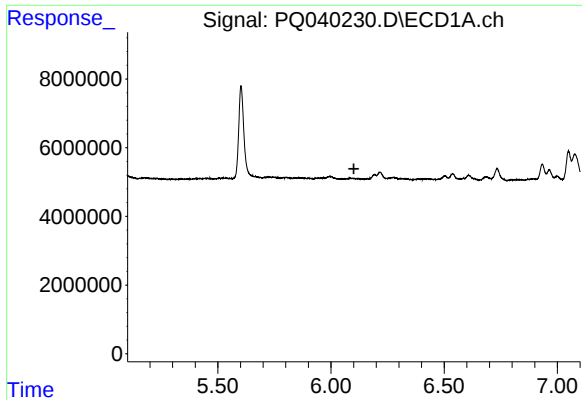
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

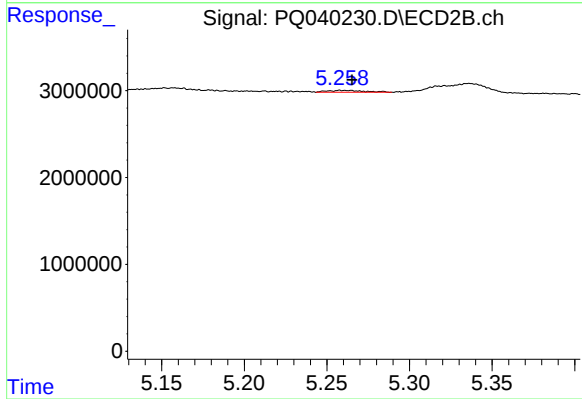
R.T.: 5.258 min
Delta R.T.: -0.008 min
Response: 323374
Conc: 5.32 ng/ml



#11 AR-1232-1

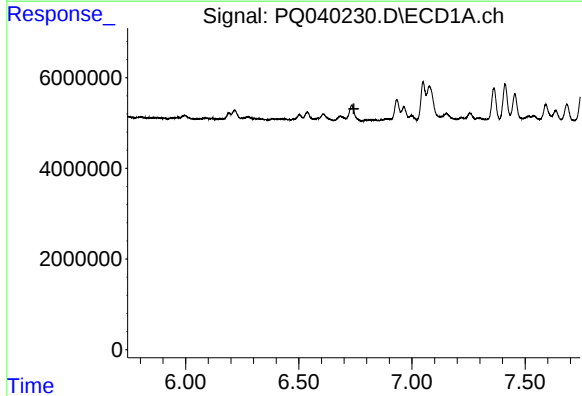
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



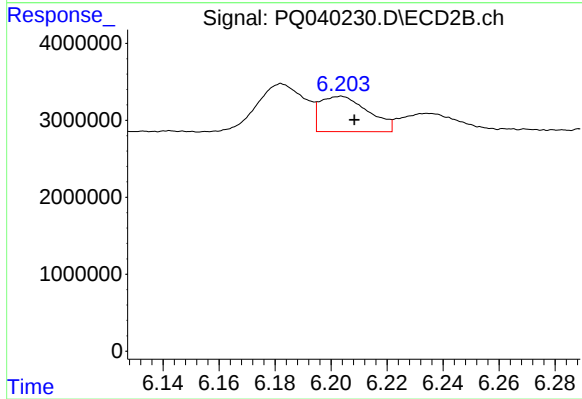
#11 AR-1232-1

R.T.: 5.258 min
Delta R.T.: -0.007 min
Response: 323374
Conc: 7.06 ng/ml



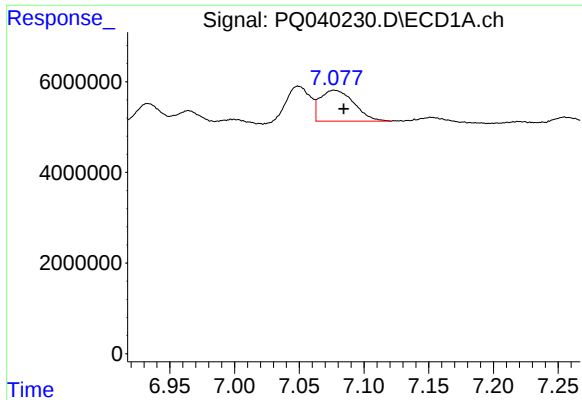
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

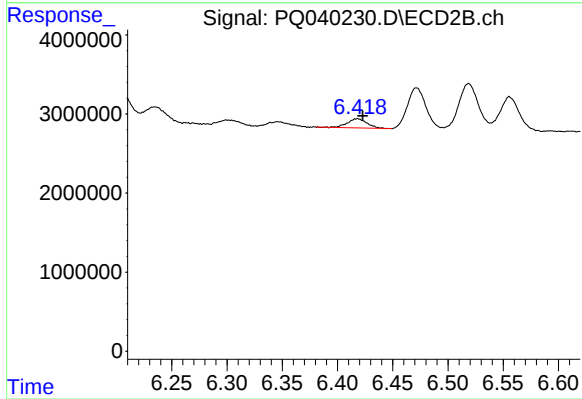
R.T.: 6.204 min
Delta R.T.: -0.005 min
Response: 5490319
Conc: 91.53 ng/ml



#13 AR-1232-3

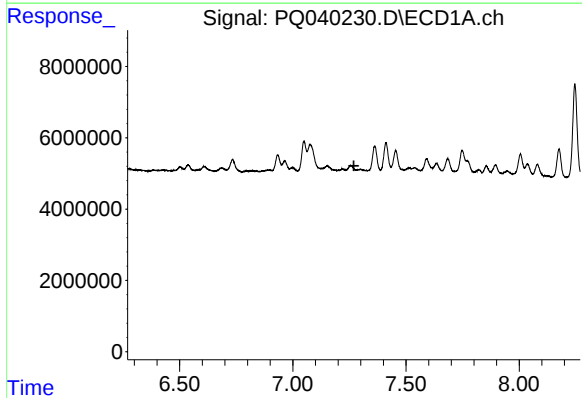
R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 12414034
Conc: 153.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



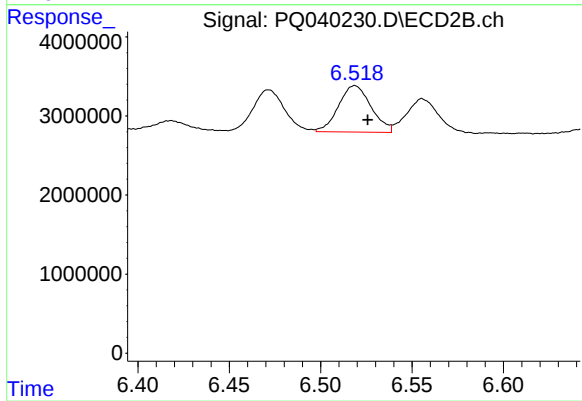
#13 AR-1232-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 1449420
Conc: 41.21 ng/ml



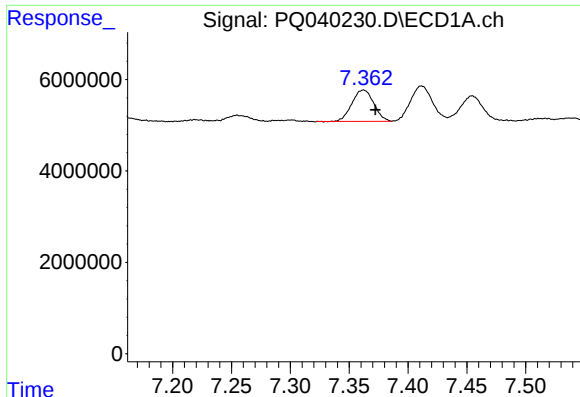
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



#14 AR-1232-4

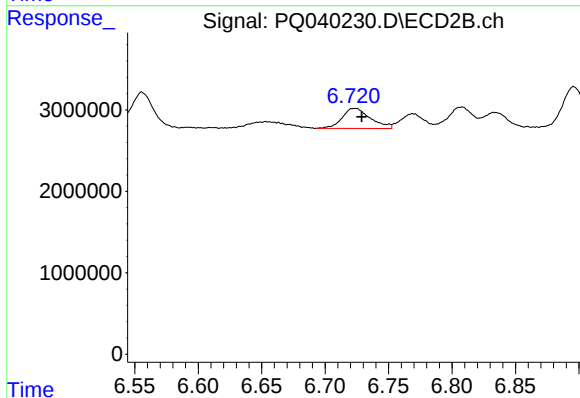
R.T.: 6.519 min
Delta R.T.: -0.007 min
Response: 7276295
Conc: 246.25 ng/ml



#15 AR-1232-5

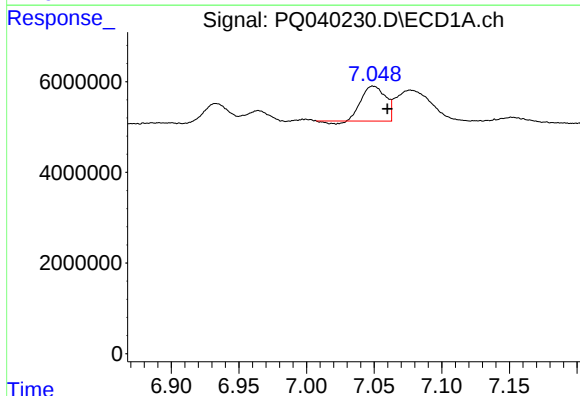
R.T.: 7.362 min
Delta R.T.: -0.010 min
Response: 8866589
Conc: 279.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



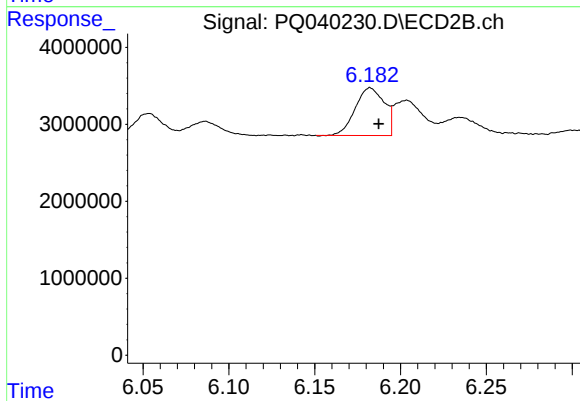
#15 AR-1232-5

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 3841834
Conc: 127.62 ng/ml



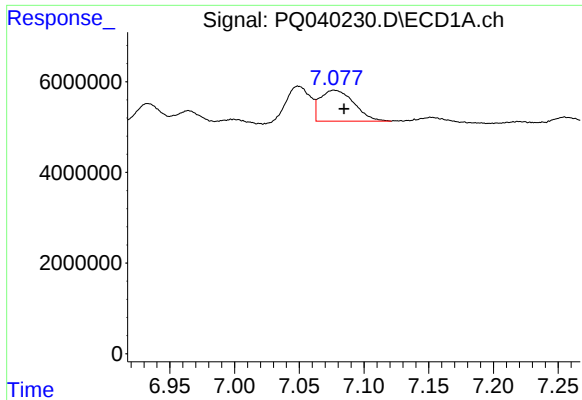
#16 AR-1242-1

R.T.: 7.049 min
Delta R.T.: -0.011 min
Response: 9330527
Conc: 96.23 ng/ml



#16 AR-1242-1

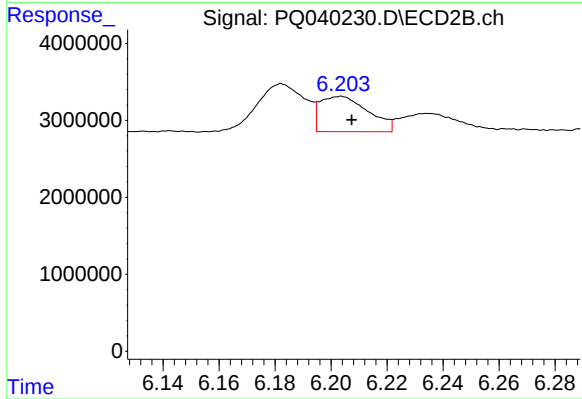
R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 7313628
Conc: 98.90 ng/ml



#17 AR-1242-2

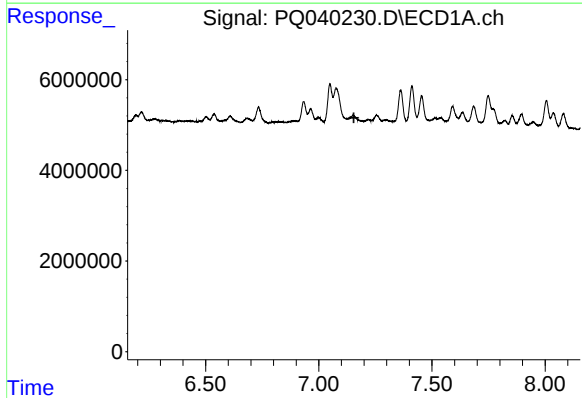
R.T.: 7.077 min
Delta R.T.: -0.008 min
Response: 12414034
Conc: 85.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



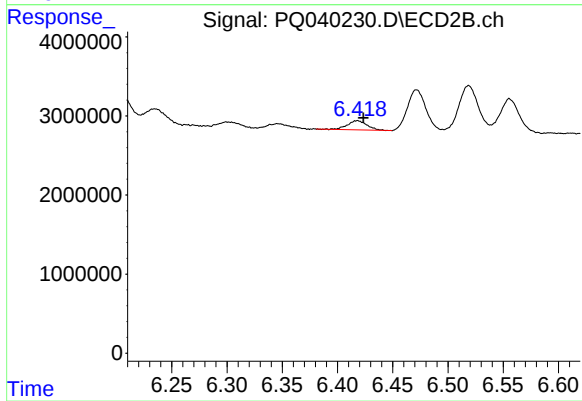
#17 AR-1242-2

R.T.: 6.204 min
Delta R.T.: -0.004 min
Response: 5490319
Conc: 51.57 ng/ml



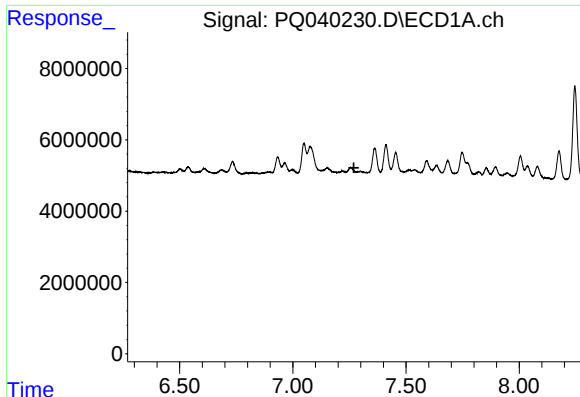
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.155 min
Response: 0
Conc: N.D.



#18 AR-1242-3

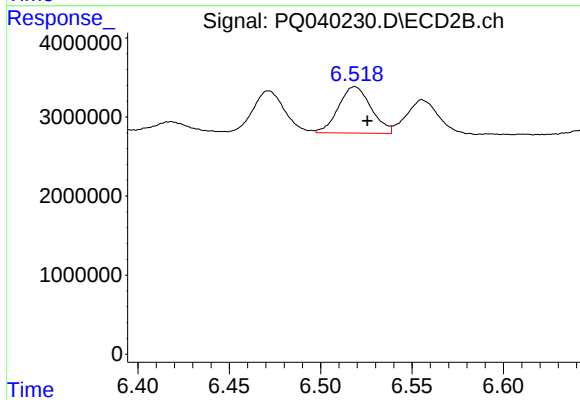
R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 1449420
Conc: 24.03 ng/ml



#19 AR-1242-4

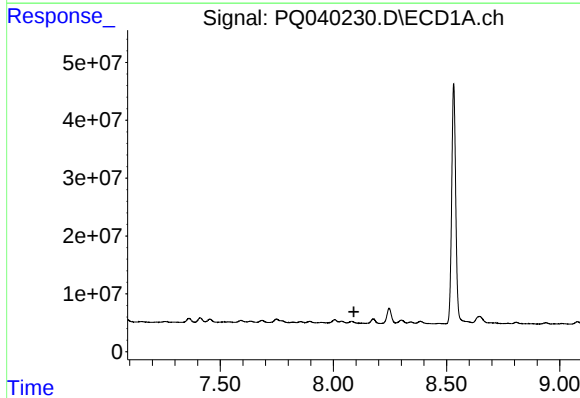
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



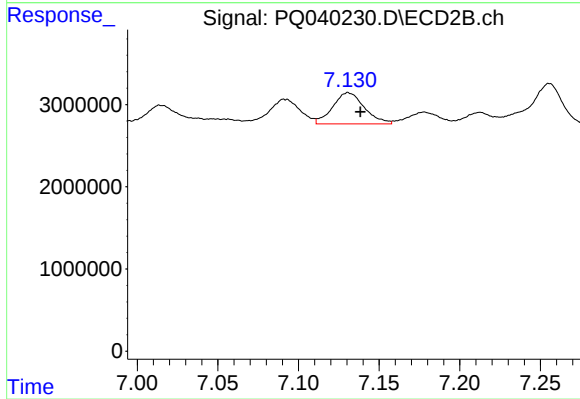
#19 AR-1242-4

R.T.: 6.519 min
Delta R.T.: -0.007 min
Response: 7276295
Conc: 122.08 ng/ml



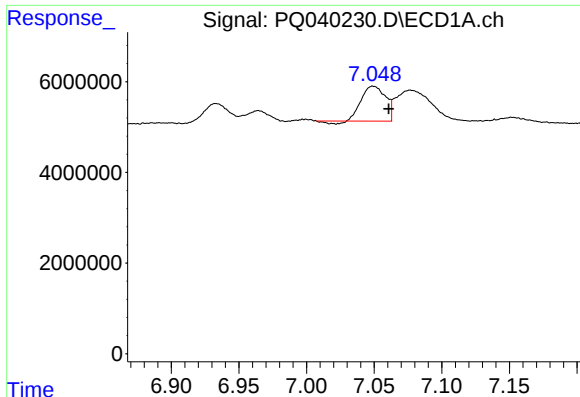
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 8.090 min
Response: 0
Conc: N.D.



#20 AR-1242-5

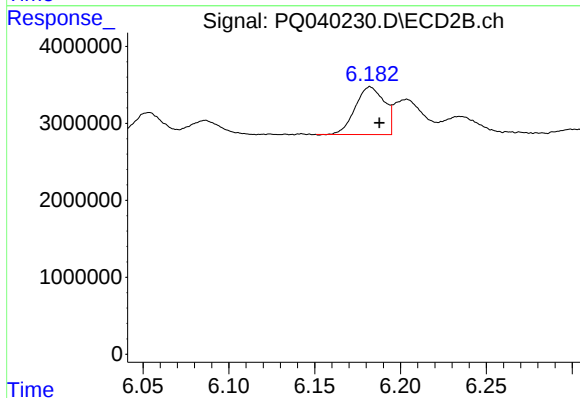
R.T.: 7.131 min
Delta R.T.: -0.008 min
Response: 5193264
Conc: 64.44 ng/ml



#21 AR-1248-1

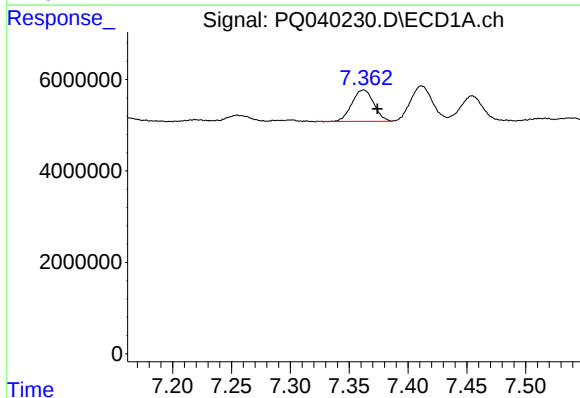
R.T.: 7.049 min
Delta R.T.: -0.011 min
Response: 9330527
Conc: 120.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



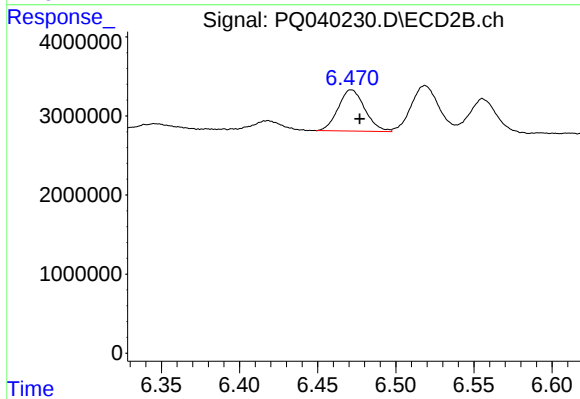
#21 AR-1248-1

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 7313628
Conc: 126.92 ng/ml



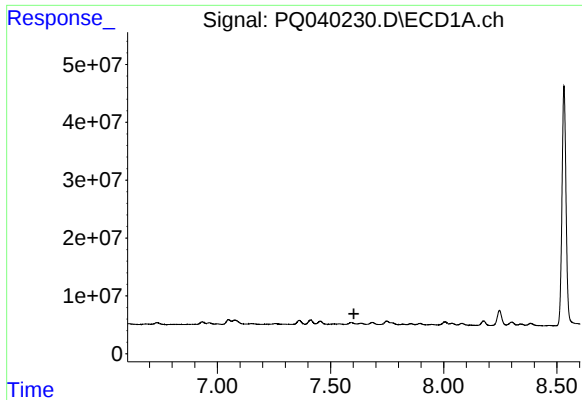
#22 AR-1248-2

R.T.: 7.362 min
Delta R.T.: -0.012 min
Response: 8866589
Conc: 78.72 ng/ml



#22 AR-1248-2

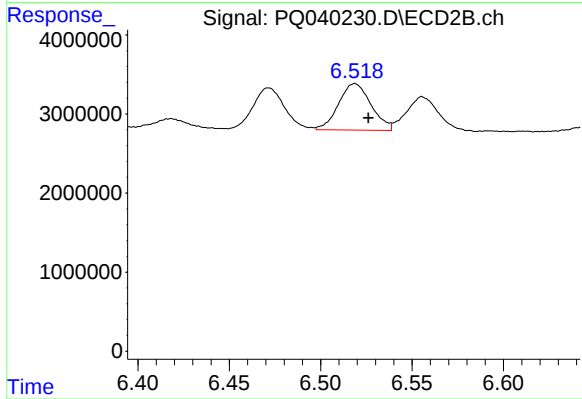
R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 6191830
Conc: 70.43 ng/ml



#23 AR-1248-3

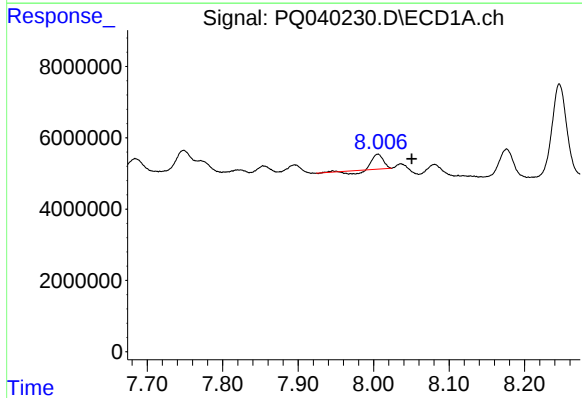
R.T.: 0.000 min
Exp R.T.: 7.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



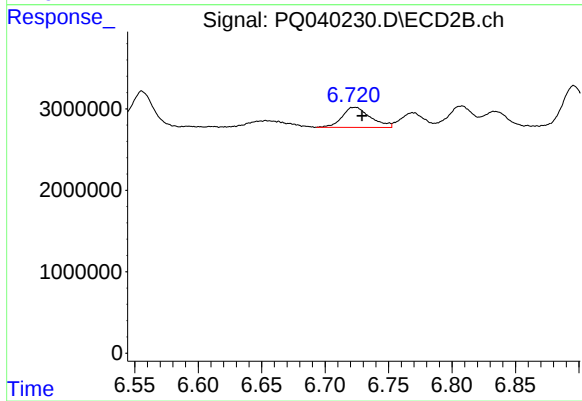
#23 AR-1248-3

R.T.: 6.519 min
Delta R.T.: -0.007 min
Response: 7276295
Conc: 80.42 ng/ml



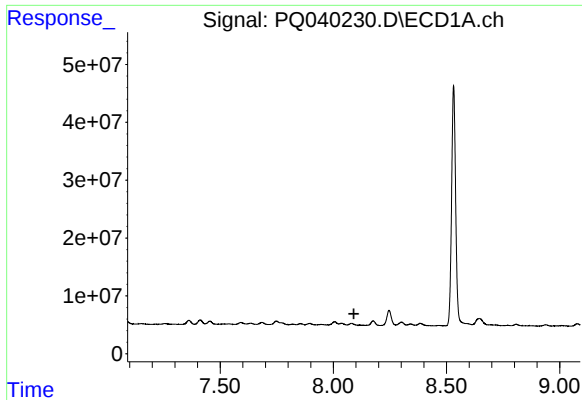
#24 AR-1248-4

R.T.: 8.006 min
Delta R.T.: -0.045 min
Response: 3356371
Conc: 22.23 ng/ml



#24 AR-1248-4

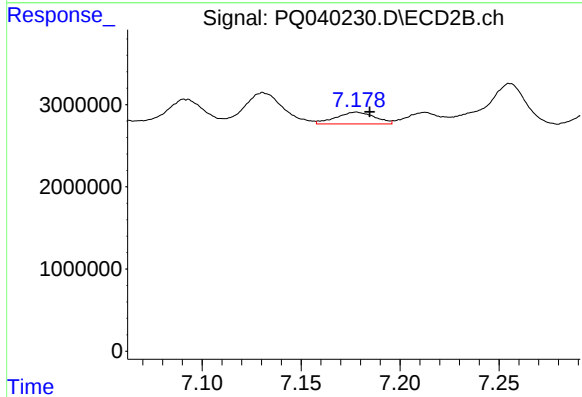
R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 3841834
Conc: 34.79 ng/ml



#25 AR-1248-5

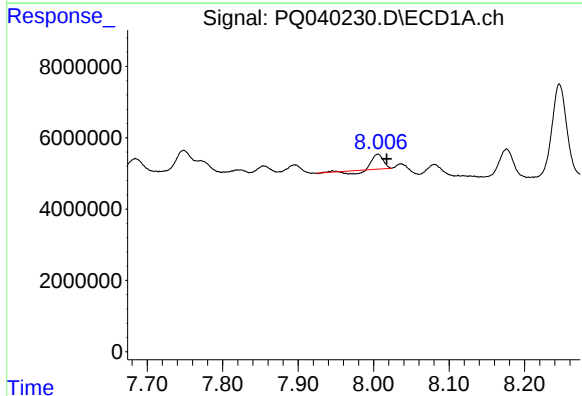
R.T.: 0.000 min
Exp R.T.: 8.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



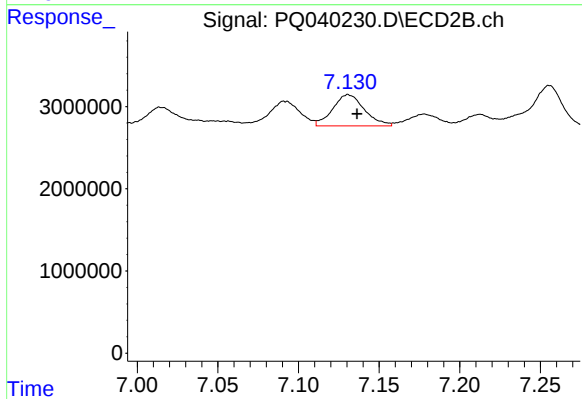
#25 AR-1248-5

R.T.: 7.178 min
Delta R.T.: -0.007 min
Response: 1955408
Conc: 17.22 ng/ml



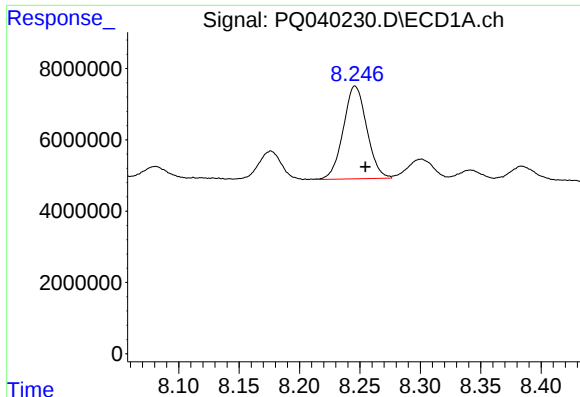
#26 AR-1254-1

R.T.: 8.006 min
Delta R.T.: -0.012 min
Response: 3356371
Conc: 19.25 ng/ml



#26 AR-1254-1

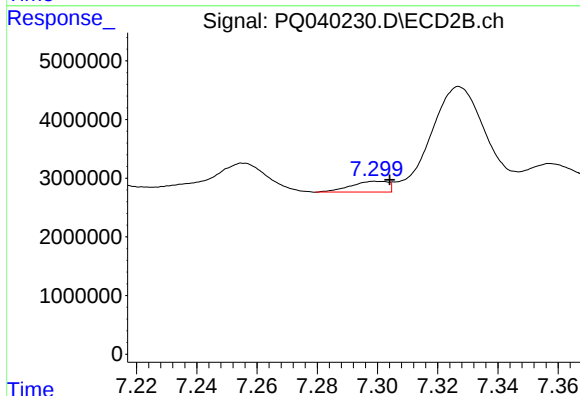
R.T.: 7.131 min
Delta R.T.: -0.006 min
Response: 5193264
Conc: 27.11 ng/ml



#27 AR-1254-2

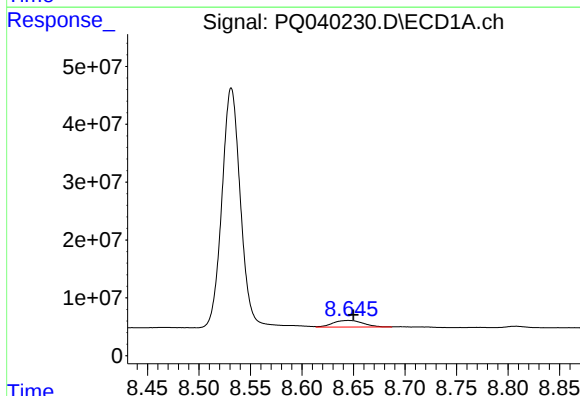
R.T.: 8.246 min
Delta R.T.: -0.008 min
Response: 35102738
Conc: 126.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



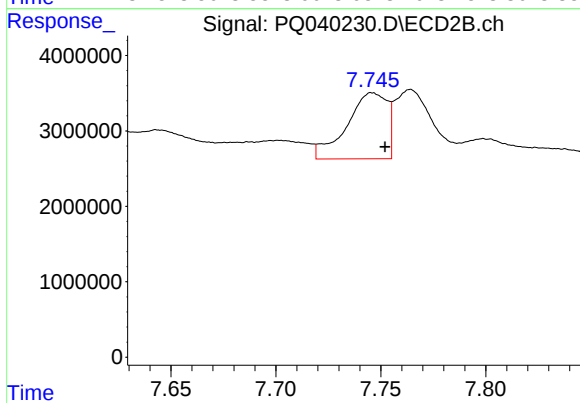
#27 AR-1254-2

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 1571829
Conc: 9.05 ng/ml



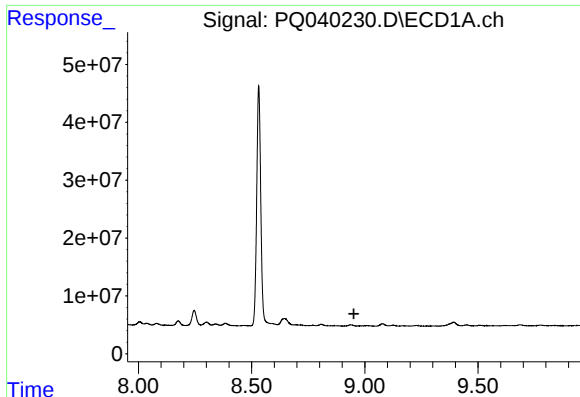
#28 AR-1254-3

R.T.: 8.645 min
Delta R.T.: -0.005 min
Response: 22945176
Conc: 77.31 ng/ml



#28 AR-1254-3

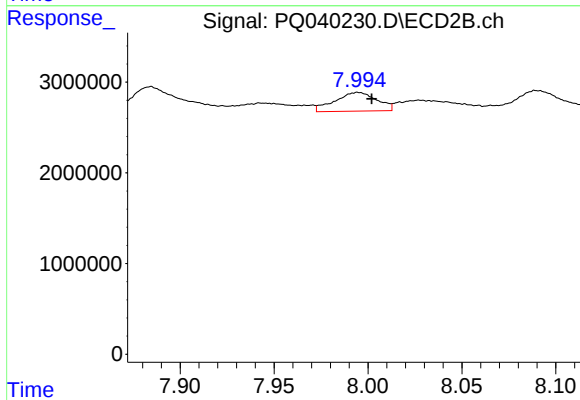
R.T.: 7.746 min
Delta R.T.: -0.006 min
Response: 11739254
Conc: 40.62 ng/ml



#29 AR-1254-4

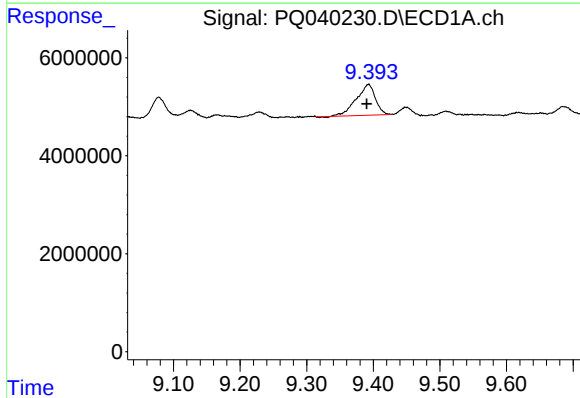
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



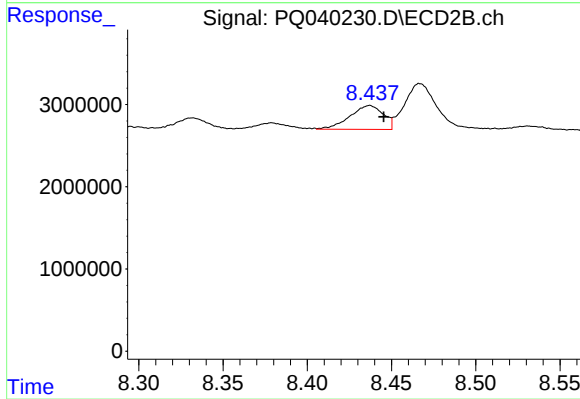
#29 AR-1254-4

R.T.: 7.995 min
Delta R.T.: -0.007 min
Response: 3216057
Conc: 18.01 ng/ml



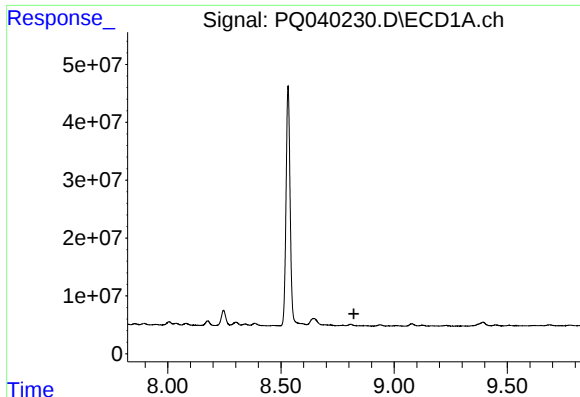
#30 AR-1254-5

R.T.: 9.393 min
Delta R.T.: 0.003 min
Response: 12485323
Conc: 43.35 ng/ml



#30 AR-1254-5

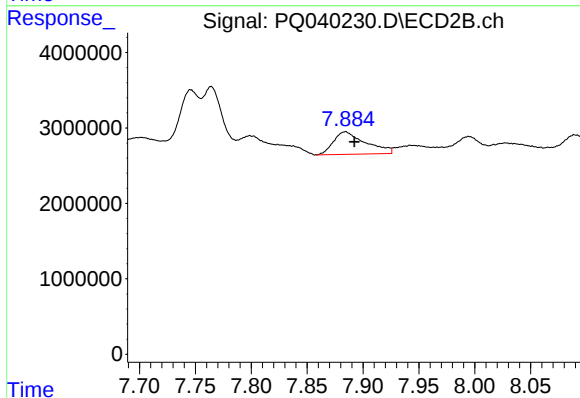
R.T.: 8.437 min
Delta R.T.: -0.008 min
Response: 4005589
Conc: 15.55 ng/ml



#31 AR-1260-1

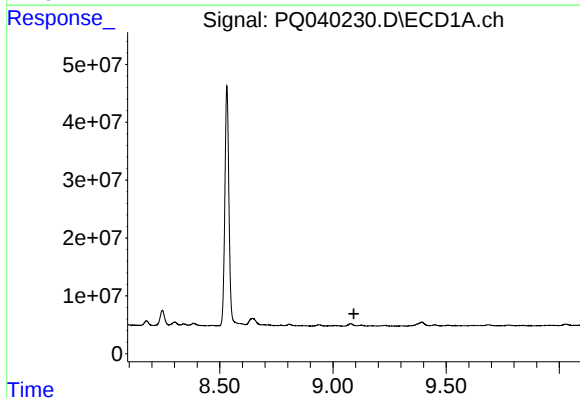
R.T.: 0.000 min
Exp R.T. : 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



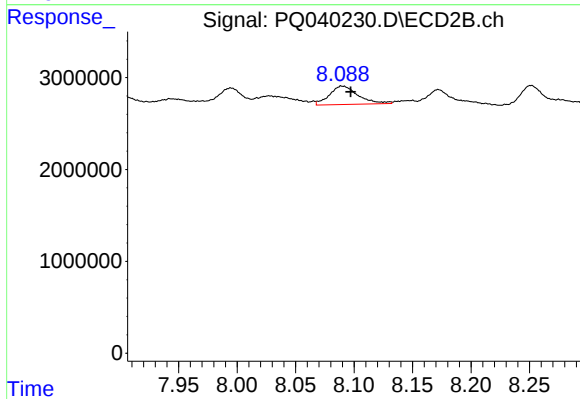
#31 AR-1260-1

R.T.: 7.884 min
Delta R.T.: -0.008 min
Response: 5996319
Conc: 21.87 ng/ml



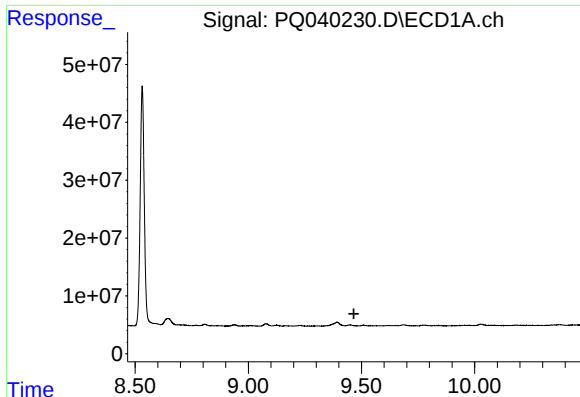
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

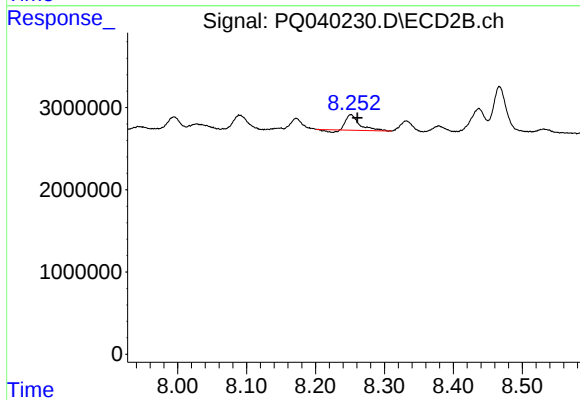
R.T.: 8.090 min
Delta R.T.: -0.007 min
Response: 3423612
Conc: 9.90 ng/ml



#33 AR-1260-3

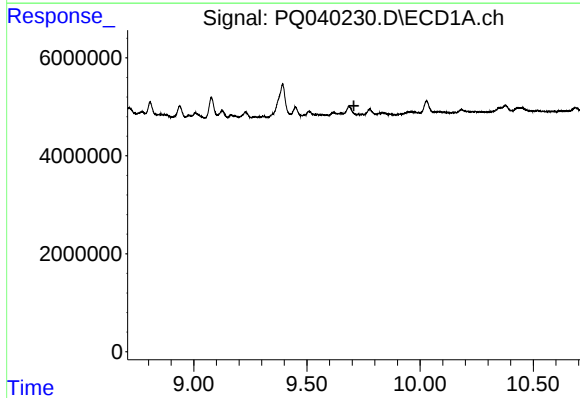
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



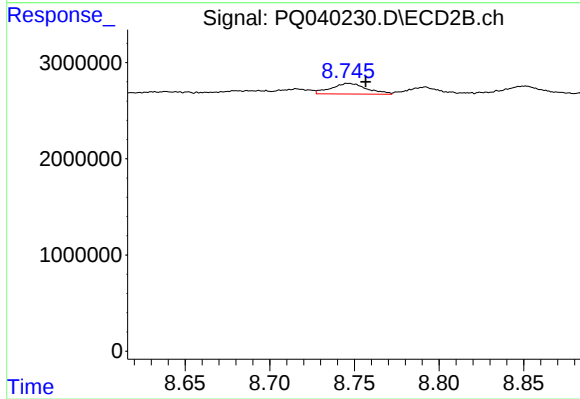
#33 AR-1260-3

R.T.: 8.251 min
Delta R.T.: -0.009 min
Response: 2360945
Conc: 7.36 ng/ml



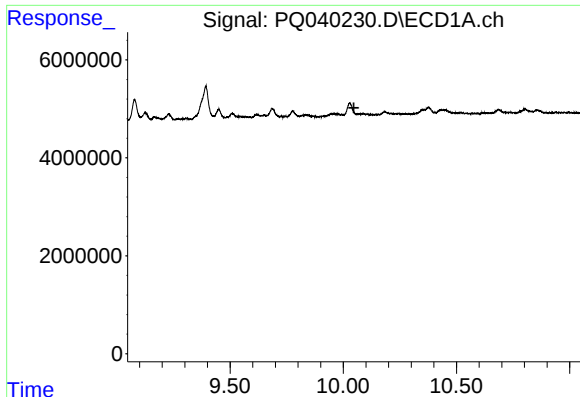
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

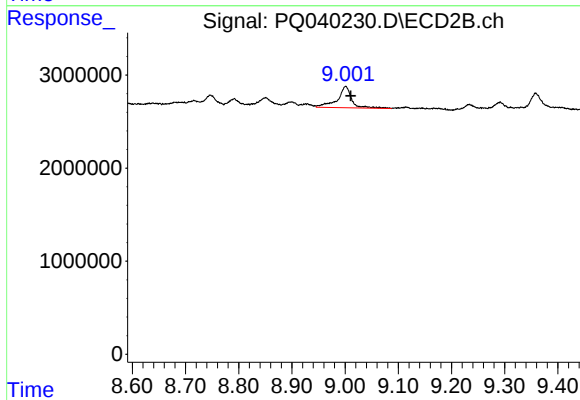
R.T.: 8.747 min
Delta R.T.: -0.010 min
Response: 1633128
Conc: 6.01 ng/ml



#35 AR-1260-5

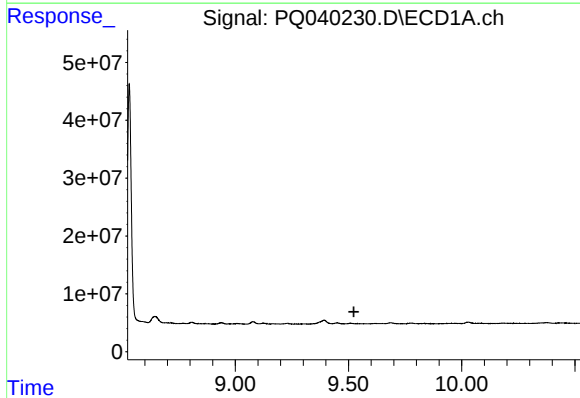
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



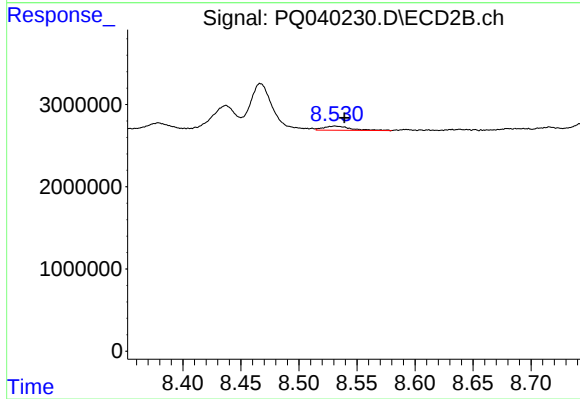
#35 AR-1260-5

R.T.: 9.001 min
Delta R.T.: -0.009 min
Response: 4252860
Conc: 6.33 ng/ml



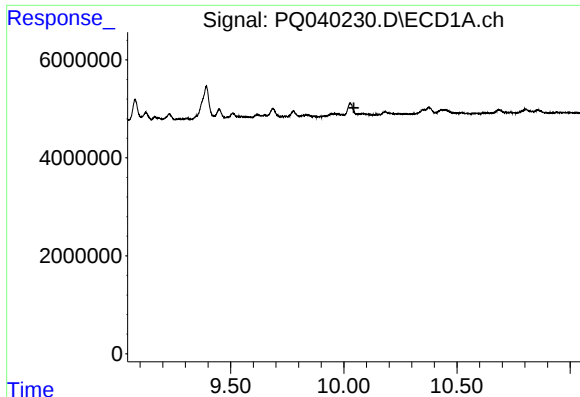
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

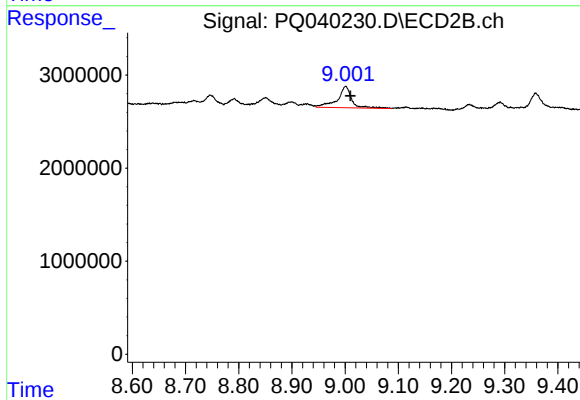
R.T.: 8.531 min
Delta R.T.: -0.008 min
Response: 833183
Conc: 7.34 ng/ml



#37 AR-1262-2

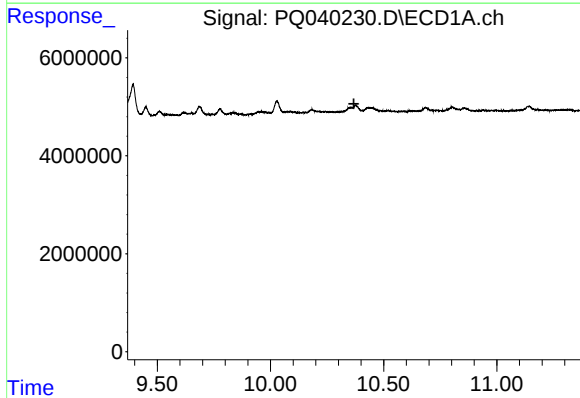
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



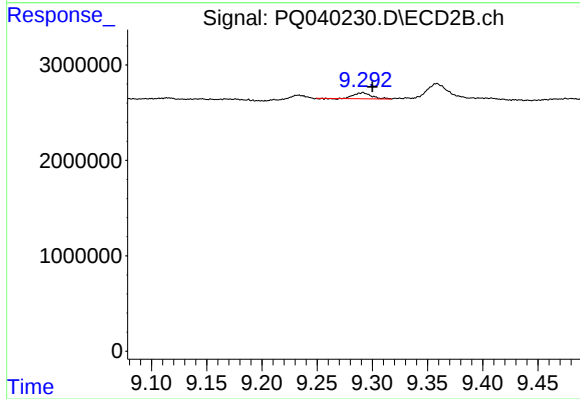
#37 AR-1262-2

R.T.: 9.001 min
Delta R.T.: -0.009 min
Response: 4252860
Conc: 8.57 ng/ml



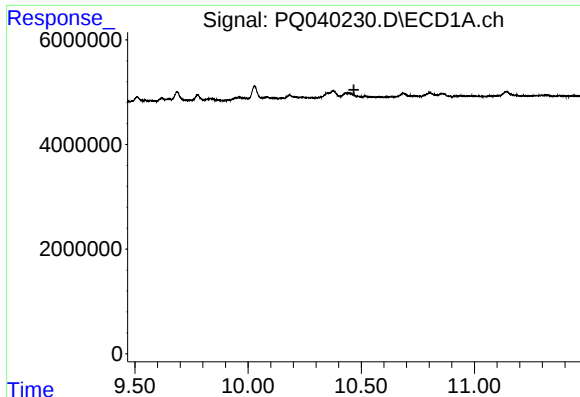
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

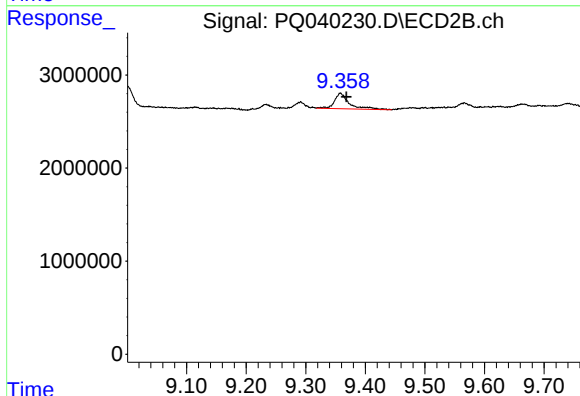
R.T.: 9.291 min
Delta R.T.: -0.009 min
Response: 687073
Conc: 3.27 ng/ml



#39 AR-1262-4

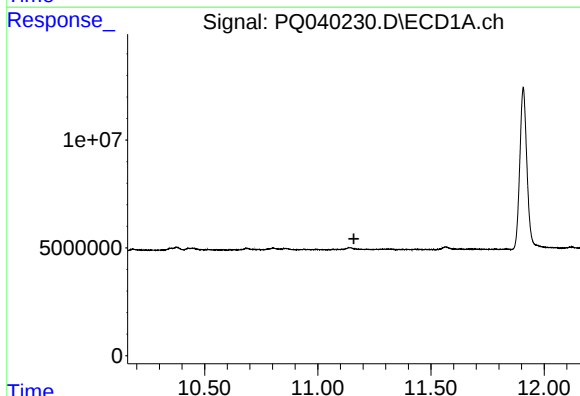
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



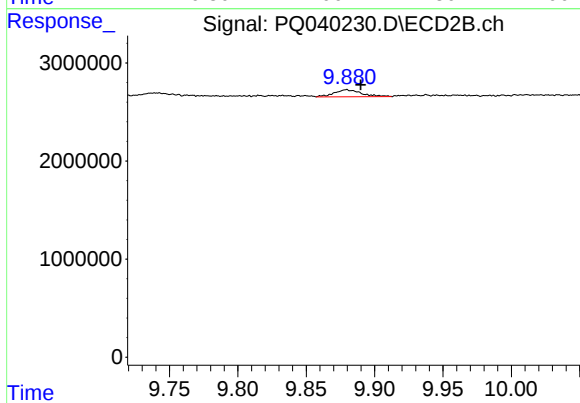
#39 AR-1262-4

R.T.: 9.358 min
Delta R.T.: -0.010 min
Response: 2871442
Conc: 7.58 ng/ml



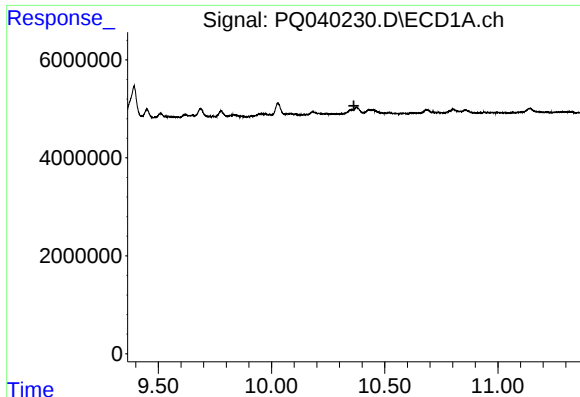
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

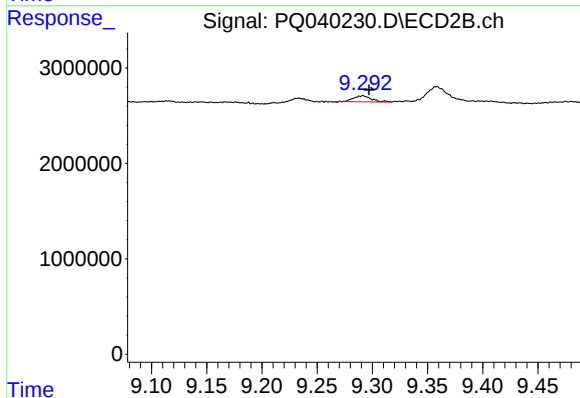
R.T.: 9.879 min
Delta R.T.: -0.010 min
Response: 991023
Conc: 6.11 ng/ml



#41 AR-1268-1

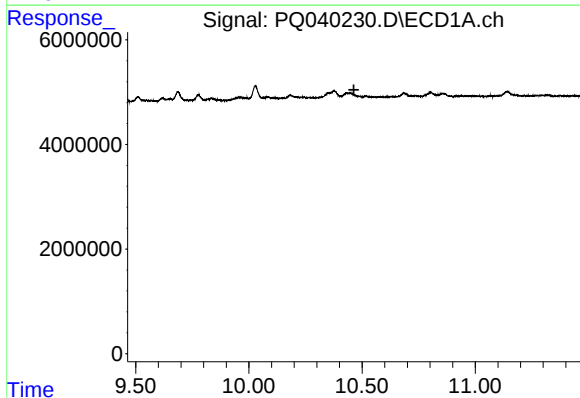
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



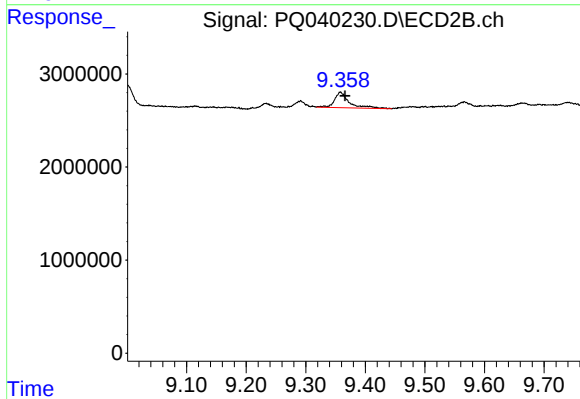
#41 AR-1268-1

R.T.: 9.291 min
Delta R.T.: -0.005 min
Response: 687073
Conc: 1.51 ng/ml



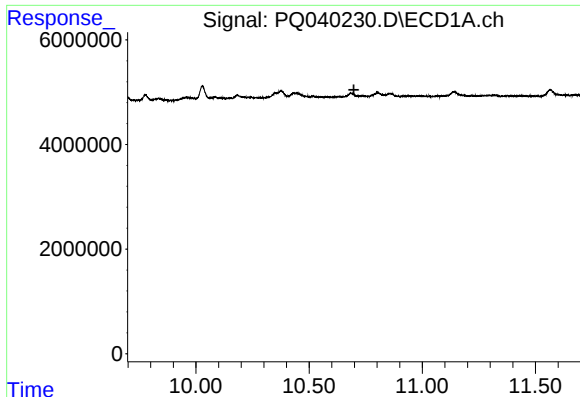
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

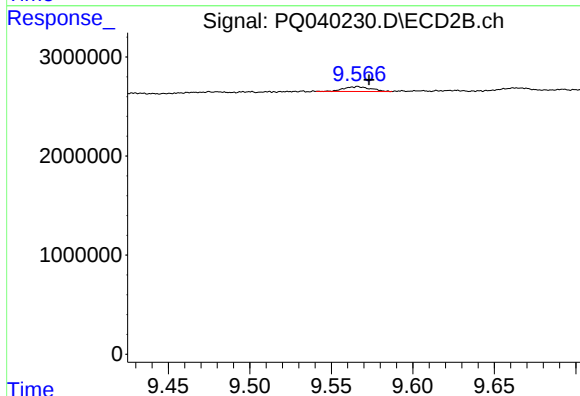
R.T.: 9.358 min
Delta R.T.: -0.007 min
Response: 2871442
Conc: 6.57 ng/ml



#43 AR-1268-3

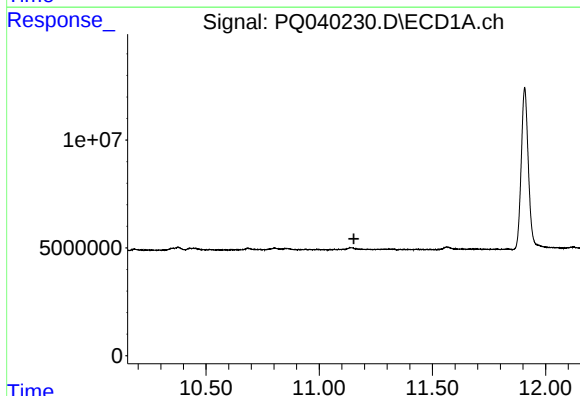
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



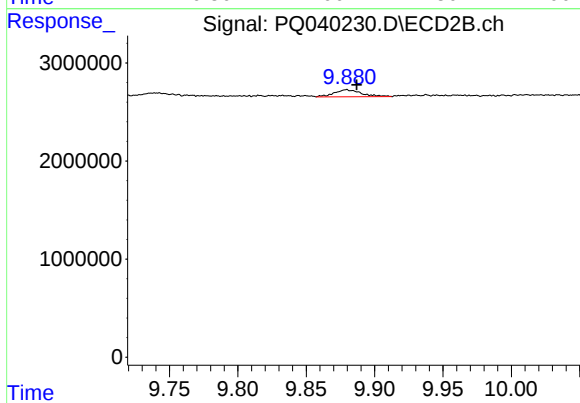
#43 AR-1268-3

R.T.: 9.566 min
Delta R.T.: -0.007 min
Response: 544724
Conc: 1.45 ng/ml



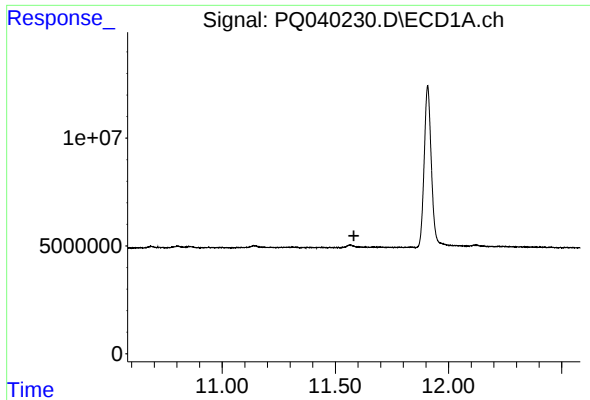
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

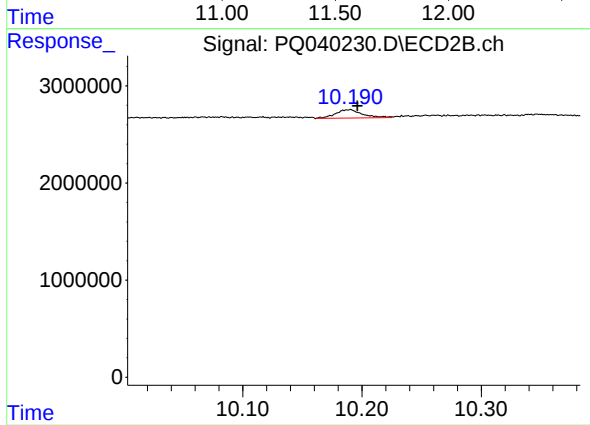
R.T.: 9.879 min
Delta R.T.: -0.007 min
Response: 991023
Conc: 7.19 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.190 min
Delta R.T.: -0.006 min
Response: 1348344
Conc: 1.14 ng/ml