

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043519.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 08:02
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 08:24:55 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...	5.693	4.782	55737262	19447010	34.982	32.105
2)	SA Decachlor...	12.081	10.554	164.1E6	81573030	26.015	26.043
Target Compounds							
3)	L1 AR-1016-1	7.136	6.237	4713184	1818587	68.996	61.651
4)	L1 AR-1016-2	7.161	6.260	6461489	2459604	65.946	62.791
5)	L1 AR-1016-3	7.231	6.473	4122100	1306773	68.461	62.120
6)	L1 AR-1016-4	7.343	6.527	3296714	1069242	65.809	61.373
7)	L1 AR-1016-5	7.678	6.780	3911384	1484610	73.904	66.333
9)	L2 AR-1221-2	0.000	5.204	0	458130	N.D.	95.278 #
10)	L2 AR-1221-3	6.174	5.312	2378409	934770	58.356	56.953
11)	L3 AR-1232-1	6.174	5.312	2378409	934770	52.652	50.589
12)	L3 AR-1232-2	6.818	6.260	3678255	2459604	146.509	123.291
13)	L3 AR-1232-3	7.161	6.473	6461489	1306773	120.853	120.388
14)	L3 AR-1232-4	7.343	6.577	3296714	1442041	127.362	141.254
15)	L3 AR-1232-5	7.450	6.780	2760859	1484610	135.307	135.623
16)	L4 AR-1242-1	7.136	6.237	4713184	1818587	115.104	105.266
17)	L4 AR-1242-2	7.161	6.260	6461489	2459604	109.686	105.913
18)	L4 AR-1242-3	7.231	6.473	4122100	1306773	110.638	105.732
19)	L4 AR-1242-4	7.343	6.577	3296714	1442041	110.611	113.494
20)	L4 AR-1242-5	8.167	7.189	5581679	2542652	134.231	126.998
21)	L5 AR-1248-1	7.136	6.237	4713184	1818587	149.153	144.399
22)	L5 AR-1248-2	7.450	6.527	2760859	1069242	64.522	60.376
23)	L5 AR-1248-3	7.678	6.577	3911384	1442041	72.931	77.025
24)	L5 AR-1248-4	8.126	6.780	4984403	1484610	69.104	64.339
25)	L5 AR-1248-5	8.167	7.236	5581679	2475231	77.101	87.334
26)	L6 AR-1254-1	8.095	7.189	3993227	2542652	55.622	56.210
27)	L6 AR-1254-2	8.338	7.355	3819774	1471767	31.068	33.395
28)	L6 AR-1254-3	8.726	7.806	2738788	1850104	18.831	24.803 #
29)	L6 AR-1254-4	9.031	8.053	2890037	1594853	22.454	28.819 #
30)	L6 AR-1254-5	0.000	8.501	0	776741	N.D.	9.531 #
31)	L7 AR-1260-1	0.000	7.964	0	966061	N.D.	16.642 #
32)	L7 AR-1260-2	0.000	8.139	0	1294905	N.D.	16.937 #
33)	L7 AR-1260-3	0.000	8.316	0	1198101	N.D.	17.089 #
34)	L7 AR-1260-4	0.000	8.854	0	766454	N.D.	11.626 #
35)	L7 AR-1260-5	0.000	9.042	0	608050	N.D.	3.238 #
36)	L8 AR-1262-1	0.000	8.569	0	467308	N.D.	4.726 #
37)	L8 AR-1262-2	0.000	9.042	0	608050	N.D.	2.721 #
38)	L8 AR-1262-3	0.000	9.413	0	3141648	N.D.	27.306 #
39)	L8 AR-1262-4	0.000	9.413	0	3141648	N.D.	13.944 #
41)	L9 AR-1268-1	0.000	9.413	0	3141648	N.D.	9.609 #
42)	L9 AR-1268-2	0.000	9.413	0	3141648	N.D.	9.822 #
43)	L9 AR-1268-3	0.000	9.642	0	1260149	N.D.	4.447 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043519.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 08:02
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 49 Sample Multiplier: 1

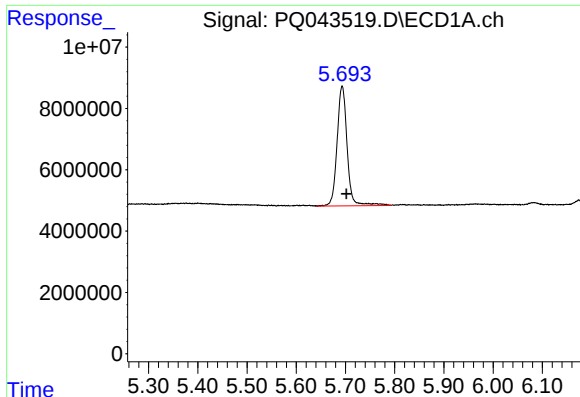
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 08:24:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 2019
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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	10.272	0	3519693	N.D.	2.803 #

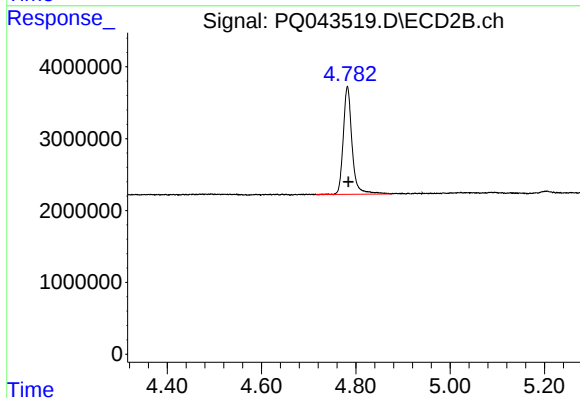
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

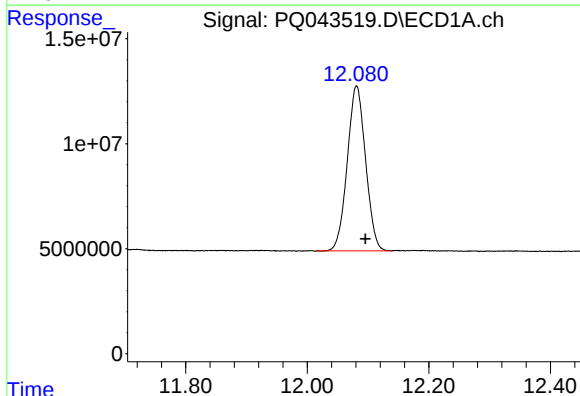
R.T.: 5.693 min
Delta R.T.: -0.009 min
Response: 55737262
Conc: 34.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



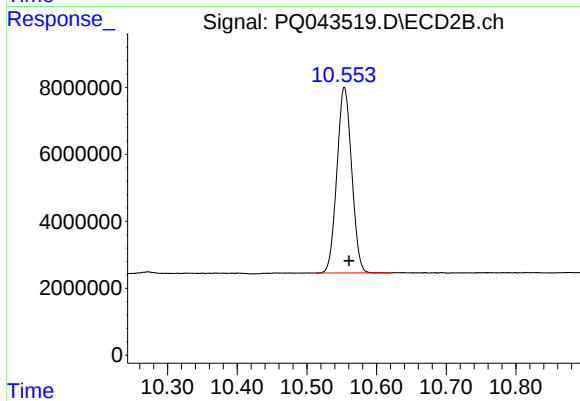
#1 Tetrachloro-m-xylene

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 19447010
Conc: 32.11 ng/ml



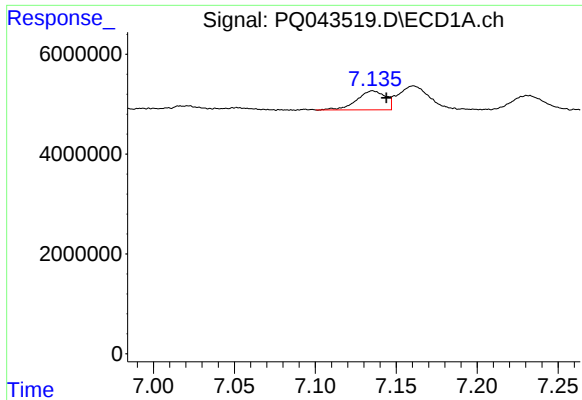
#2 Decachlorobiphenyl

R.T.: 12.081 min
Delta R.T.: -0.015 min
Response: 164077666
Conc: 26.02 ng/ml



#2 Decachlorobiphenyl

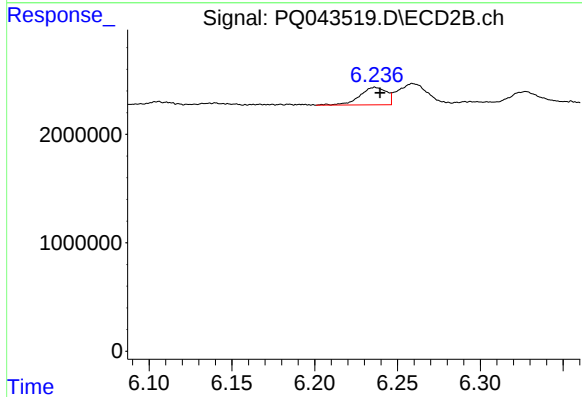
R.T.: 10.554 min
Delta R.T.: -0.007 min
Response: 81573030
Conc: 26.04 ng/ml



#3 AR-1016-1

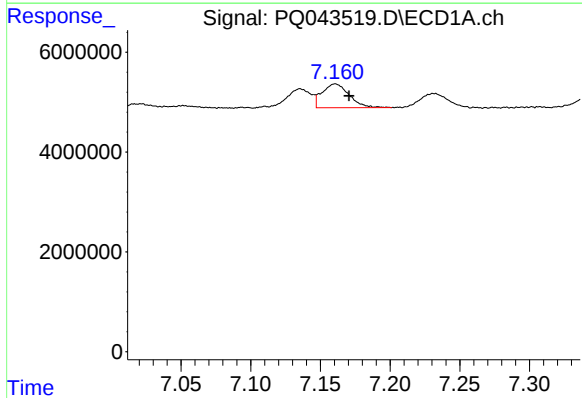
R.T.: 7.136 min
Delta R.T.: -0.008 min
Response: 4713184
Conc: 69.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



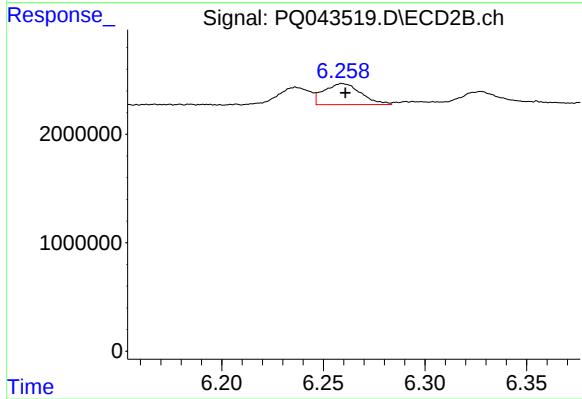
#3 AR-1016-1

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 1818587
Conc: 61.65 ng/ml



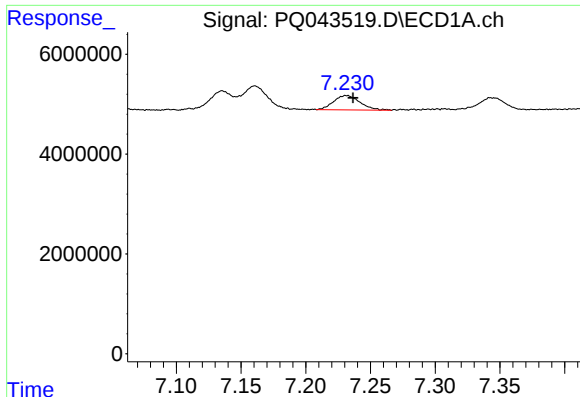
#4 AR-1016-2

R.T.: 7.161 min
Delta R.T.: -0.010 min
Response: 6461489
Conc: 65.95 ng/ml



#4 AR-1016-2

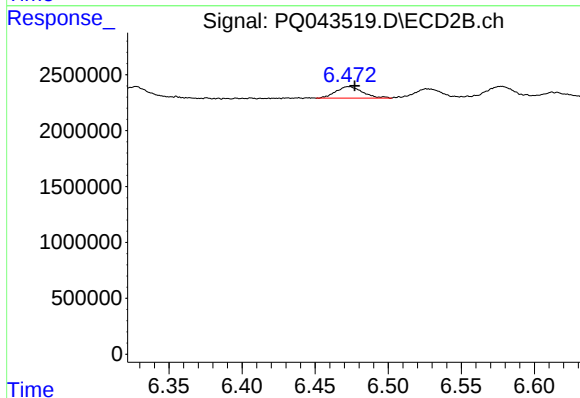
R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 2459604
Conc: 62.79 ng/ml



#5 AR-1016-3

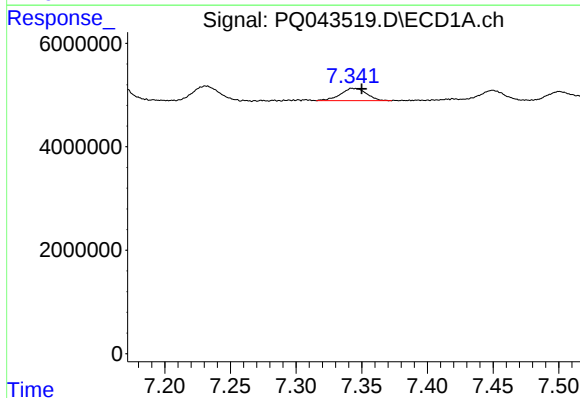
R.T.: 7.231 min
Delta R.T.: -0.005 min
Response: 4122100
Conc: 68.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



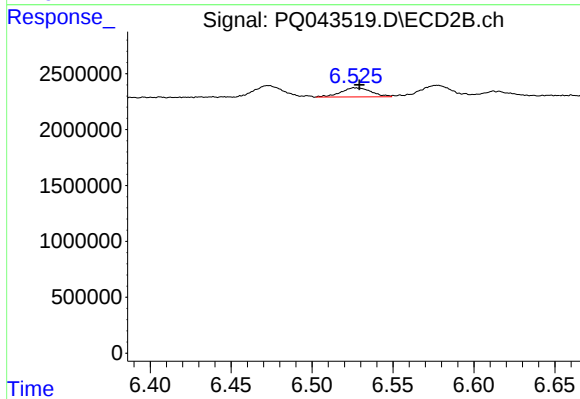
#5 AR-1016-3

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 1306773
Conc: 62.12 ng/ml



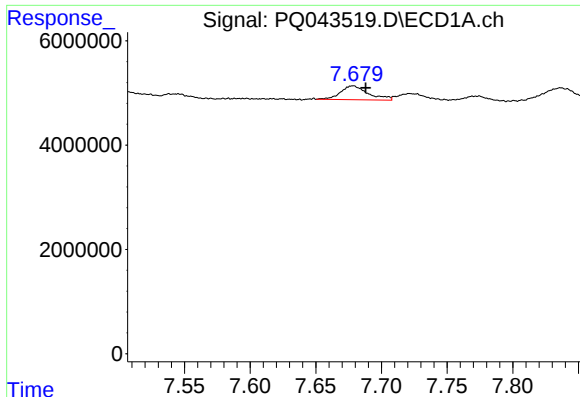
#6 AR-1016-4

R.T.: 7.343 min
Delta R.T.: -0.007 min
Response: 3296714
Conc: 65.81 ng/ml



#6 AR-1016-4

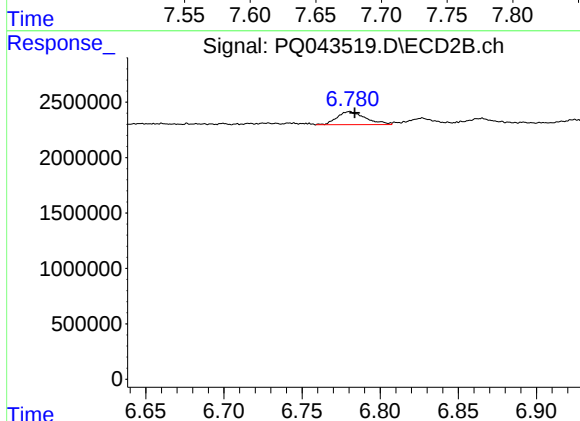
R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 1069242
Conc: 61.37 ng/ml



#7 AR-1016-5

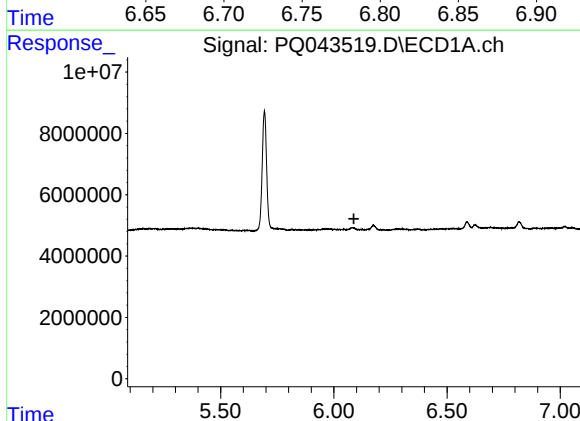
R.T.: 7.678 min
Delta R.T.: -0.010 min
Response: 3911384
Conc: 73.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



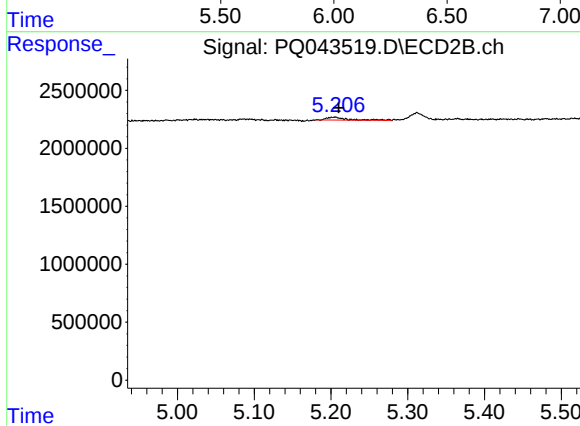
#7 AR-1016-5

R.T.: 6.780 min
Delta R.T.: -0.003 min
Response: 1484610
Conc: 66.33 ng/ml



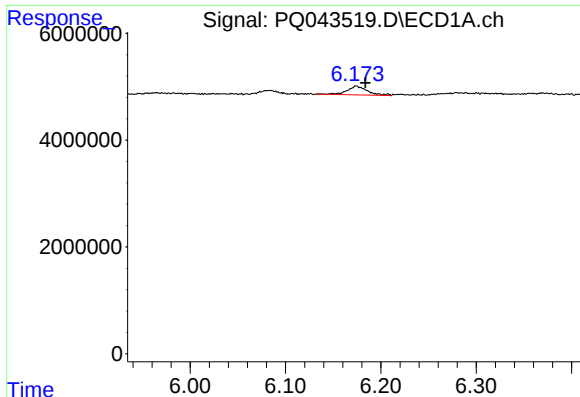
#9 AR-1221-2

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



#9 AR-1221-2

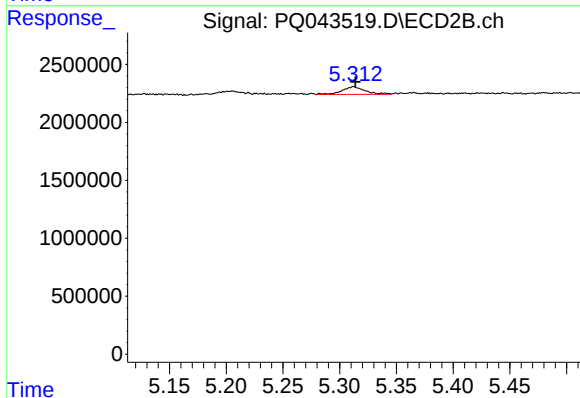
R.T.: 5.204 min
Delta R.T.: -0.006 min
Response: 458130
Conc: 95.28 ng/ml



#10 AR-1221-3

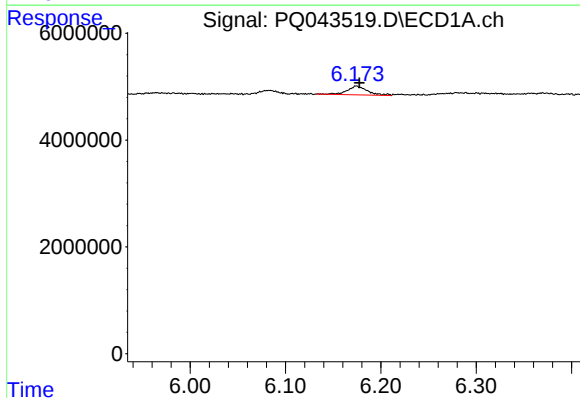
R.T.: 6.174 min
Delta R.T.: -0.010 min
Response: 2378409
Conc: 58.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



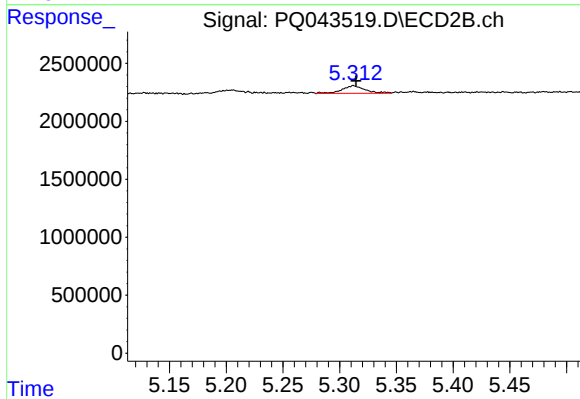
#10 AR-1221-3

R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 934770
Conc: 56.95 ng/ml



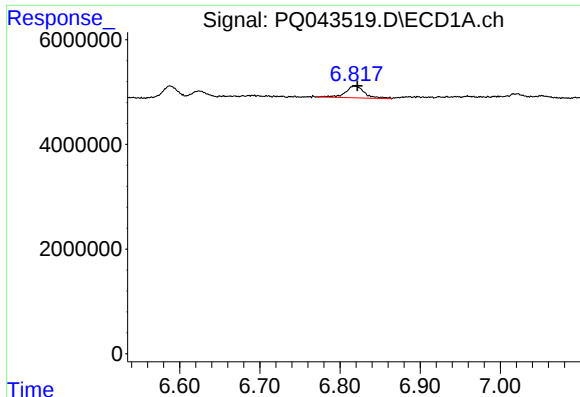
#11 AR-1232-1

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 2378409
Conc: 52.65 ng/ml



#11 AR-1232-1

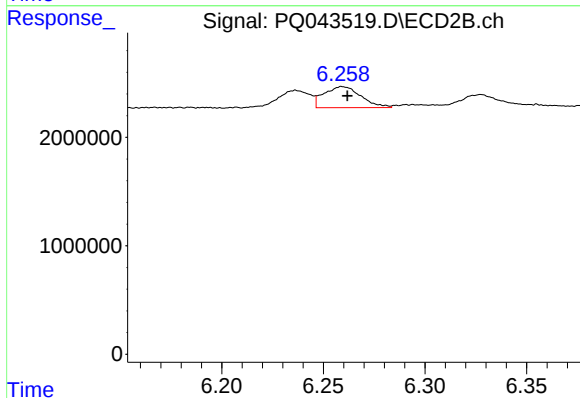
R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 934770
Conc: 50.59 ng/ml



#12 AR-1232-2

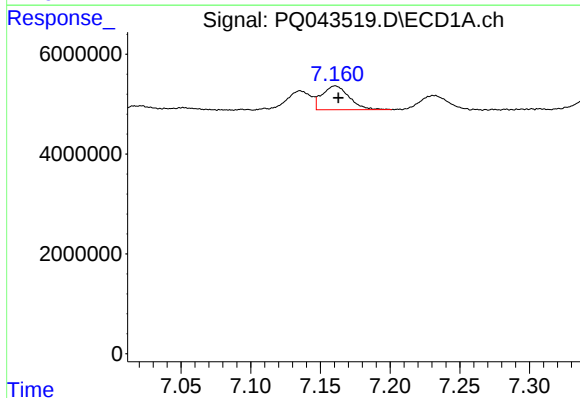
R.T.: 6.818 min
Delta R.T.: -0.003 min
Response: 3678255
Conc: 146.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



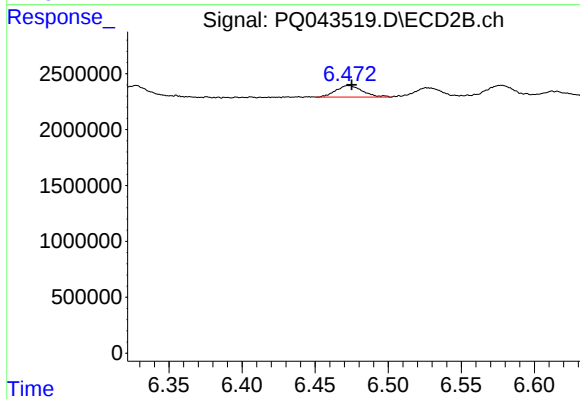
#12 AR-1232-2

R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 2459604
Conc: 123.29 ng/ml



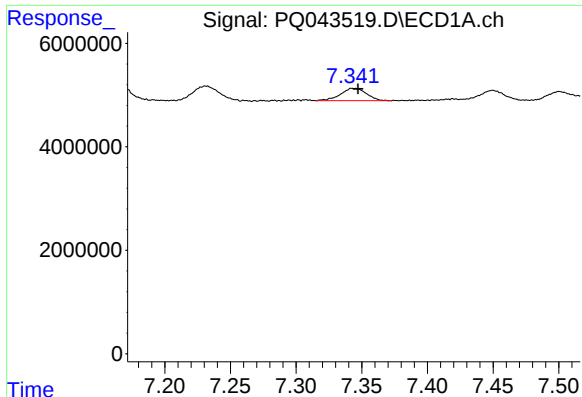
#13 AR-1232-3

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 6461489
Conc: 120.85 ng/ml



#13 AR-1232-3

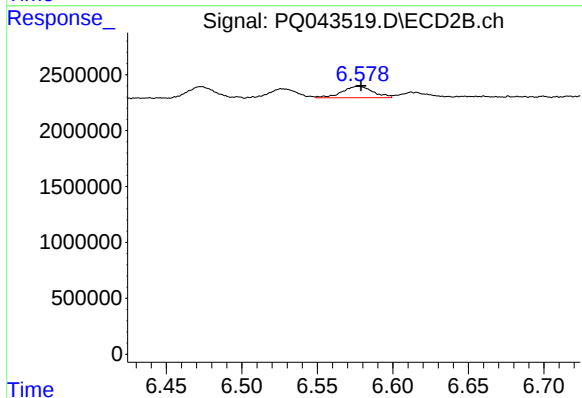
R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 1306773
Conc: 120.39 ng/ml



#14 AR-1232-4

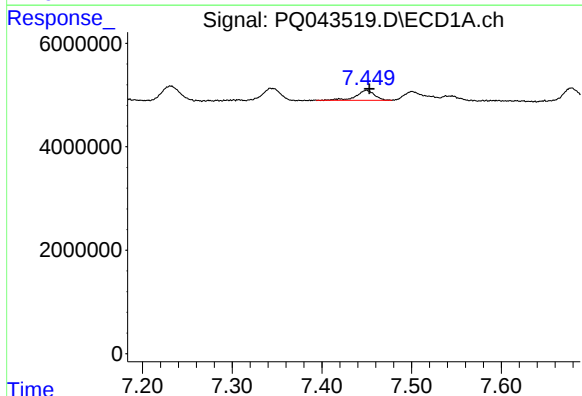
R.T.: 7.343 min
Delta R.T.: -0.004 min
Response: 3296714
Conc: 127.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



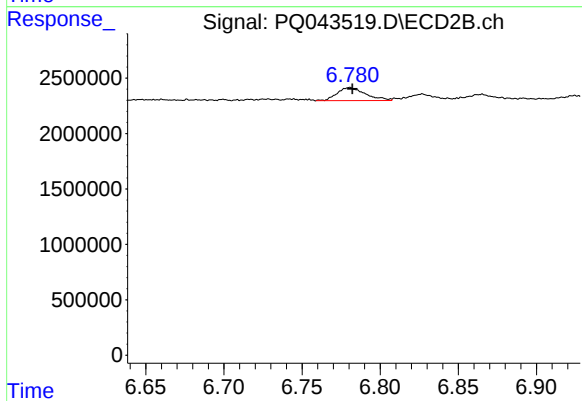
#14 AR-1232-4

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 1442041
Conc: 141.25 ng/ml



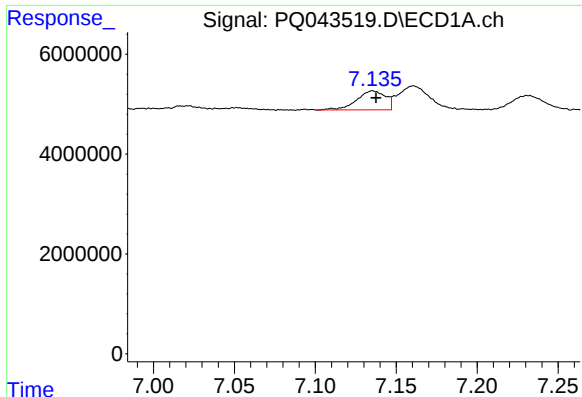
#15 AR-1232-5

R.T.: 7.450 min
Delta R.T.: -0.003 min
Response: 2760859
Conc: 135.31 ng/ml



#15 AR-1232-5

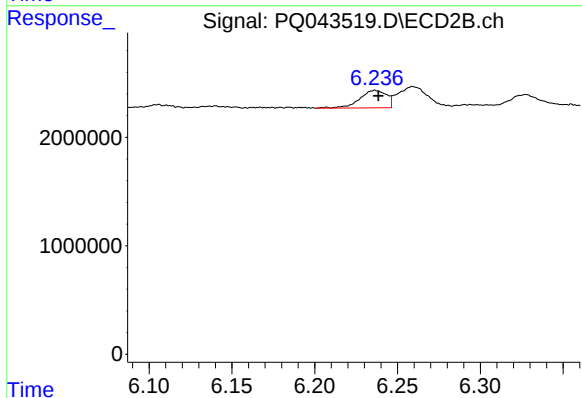
R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 1484610
Conc: 135.62 ng/ml



#16 AR-1242-1

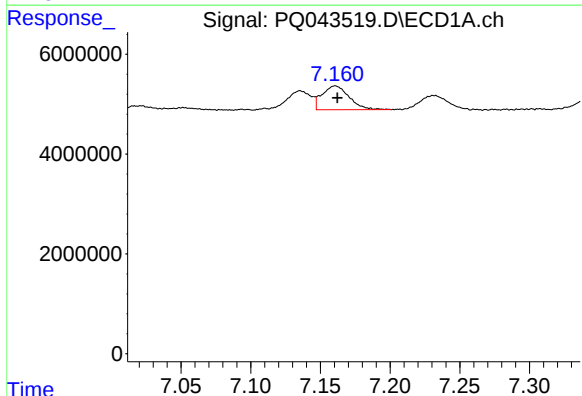
R.T.: 7.136 min
Delta R.T.: -0.002 min
Response: 4713184
Conc: 115.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



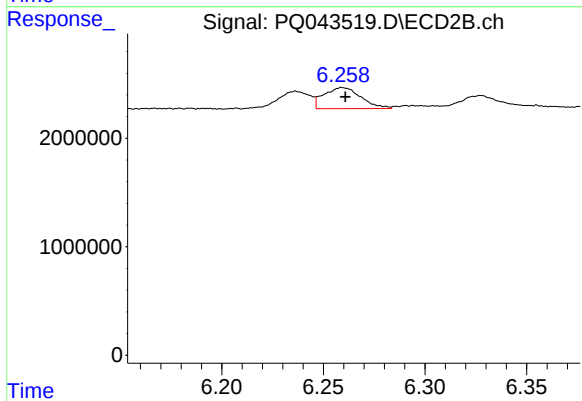
#16 AR-1242-1

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 1818587
Conc: 105.27 ng/ml



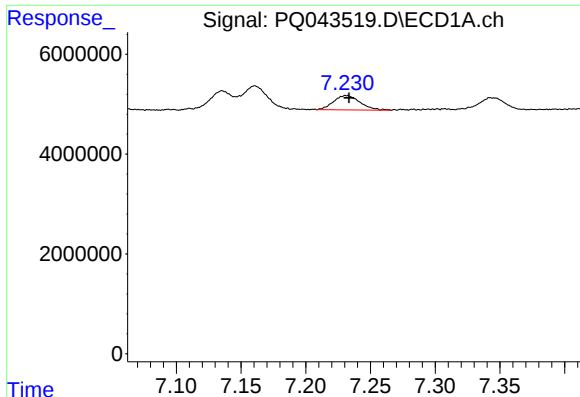
#17 AR-1242-2

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 6461489
Conc: 109.69 ng/ml



#17 AR-1242-2

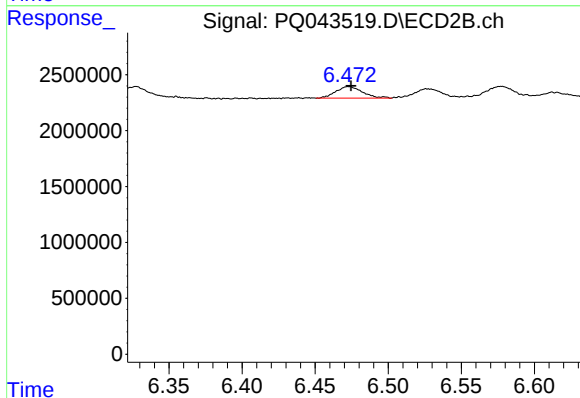
R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 2459604
Conc: 105.91 ng/ml



#18 AR-1242-3

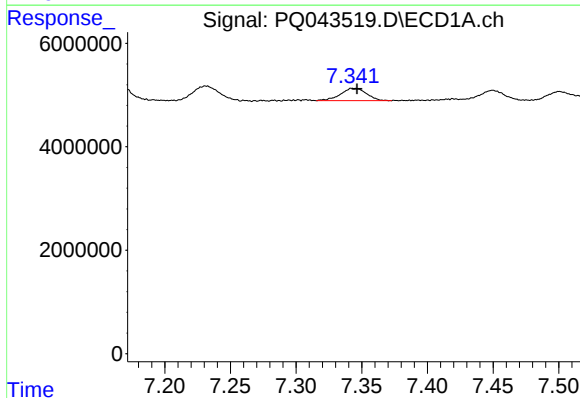
R.T.: 7.231 min
Delta R.T.: -0.002 min
Response: 4122100
Conc: 110.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



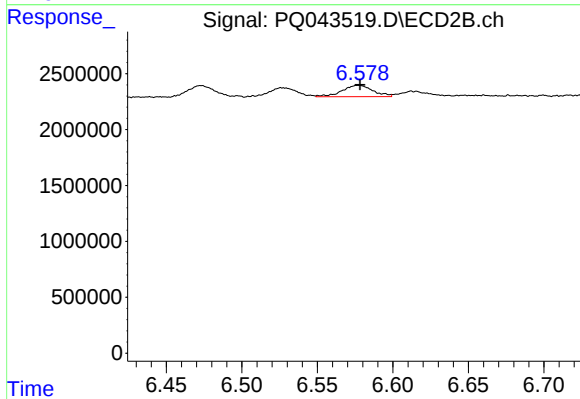
#18 AR-1242-3

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 1306773
Conc: 105.73 ng/ml



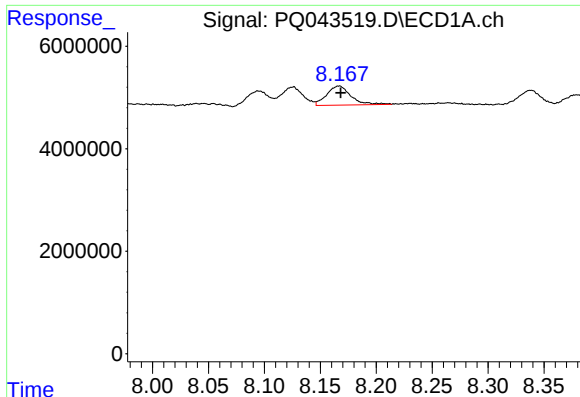
#19 AR-1242-4

R.T.: 7.343 min
Delta R.T.: -0.003 min
Response: 3296714
Conc: 110.61 ng/ml



#19 AR-1242-4

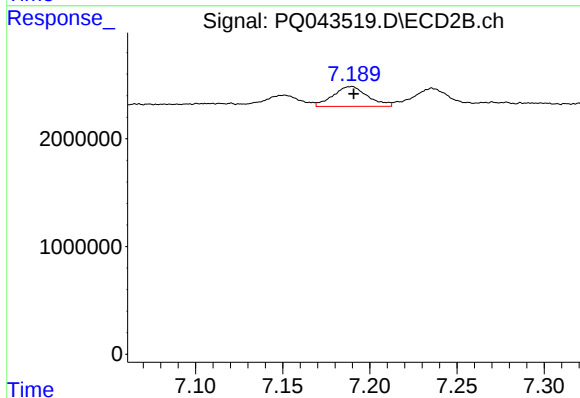
R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 1442041
Conc: 113.49 ng/ml



#20 AR-1242-5

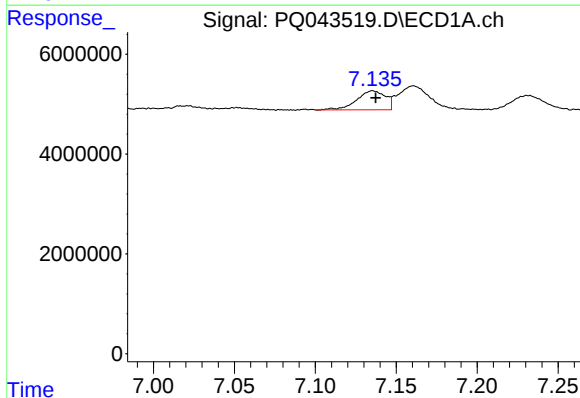
R.T.: 8.167 min
Delta R.T.: -0.002 min
Response: 5581679
Conc: 134.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



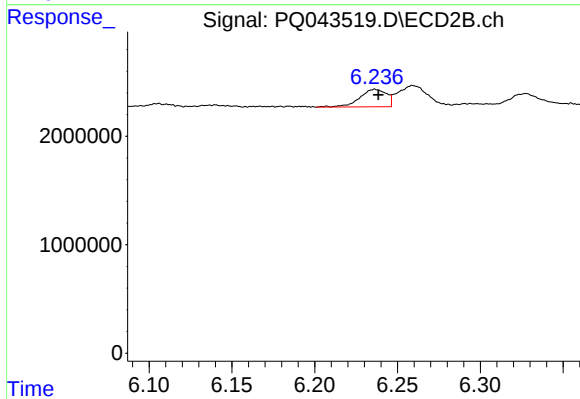
#20 AR-1242-5

R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 2542652
Conc: 127.00 ng/ml



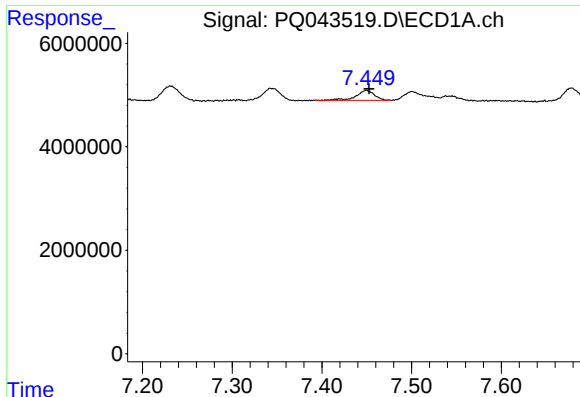
#21 AR-1248-1

R.T.: 7.136 min
Delta R.T.: -0.002 min
Response: 4713184
Conc: 149.15 ng/ml



#21 AR-1248-1

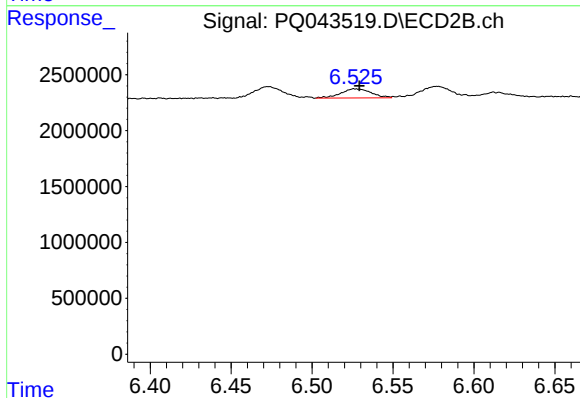
R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 1818587
Conc: 144.40 ng/ml



#22 AR-1248-2

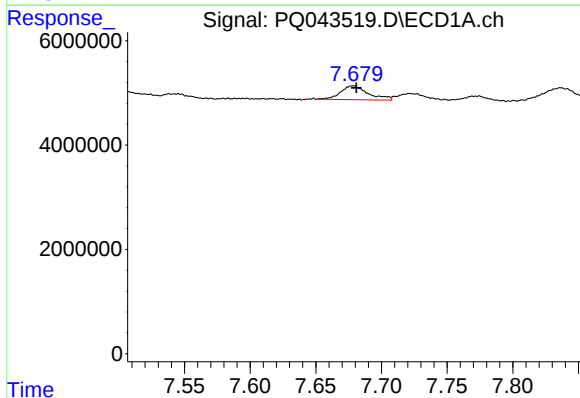
R.T.: 7.450 min
Delta R.T.: -0.003 min
Response: 2760859
Conc: 64.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



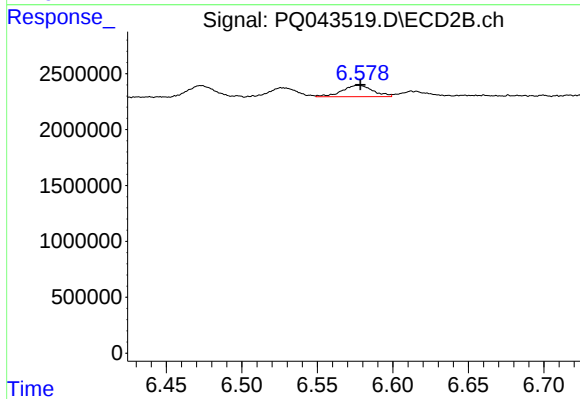
#22 AR-1248-2

R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 1069242
Conc: 60.38 ng/ml



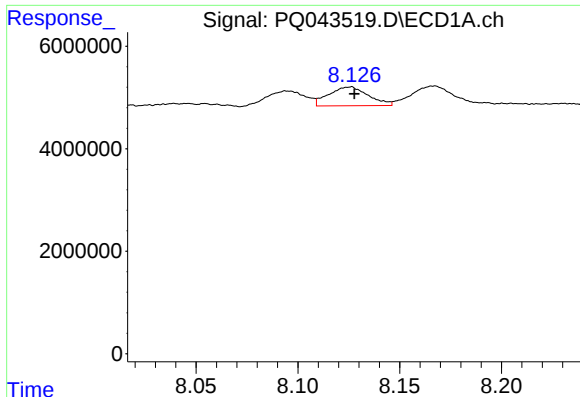
#23 AR-1248-3

R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 3911384
Conc: 72.93 ng/ml



#23 AR-1248-3

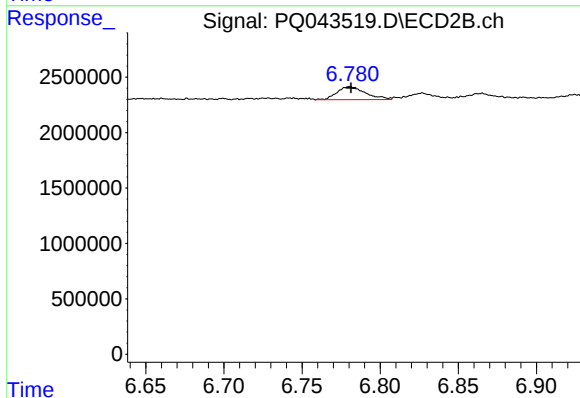
R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 1442041
Conc: 77.03 ng/ml



#24 AR-1248-4

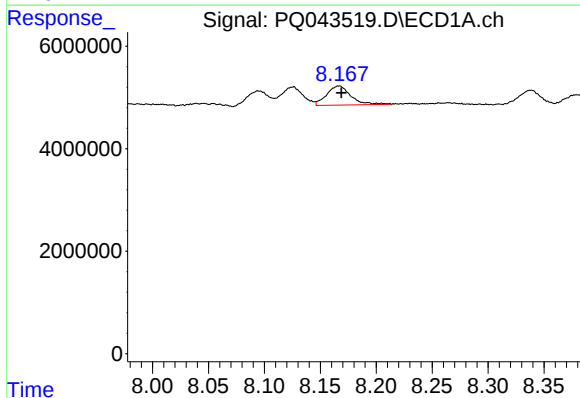
R.T.: 8.126 min
Delta R.T.: -0.002 min
Response: 4984403
Conc: 69.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



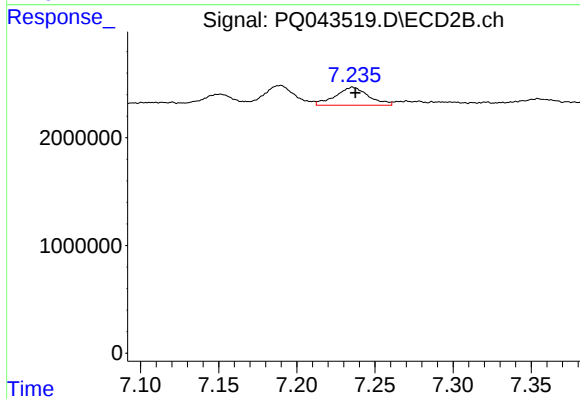
#24 AR-1248-4

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 1484610
Conc: 64.34 ng/ml



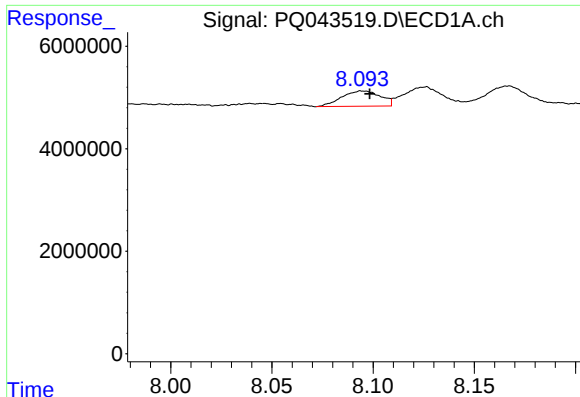
#25 AR-1248-5

R.T.: 8.167 min
Delta R.T.: -0.002 min
Response: 5581679
Conc: 77.10 ng/ml



#25 AR-1248-5

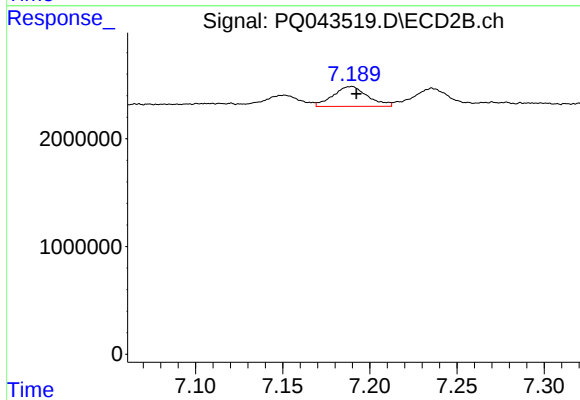
R.T.: 7.236 min
Delta R.T.: -0.002 min
Response: 2475231
Conc: 87.33 ng/ml



#26 AR-1254-1

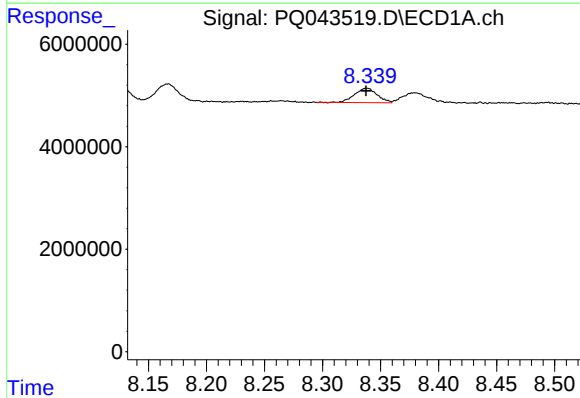
R.T.: 8.095 min
Delta R.T.: -0.003 min
Response: 3993227
Conc: 55.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



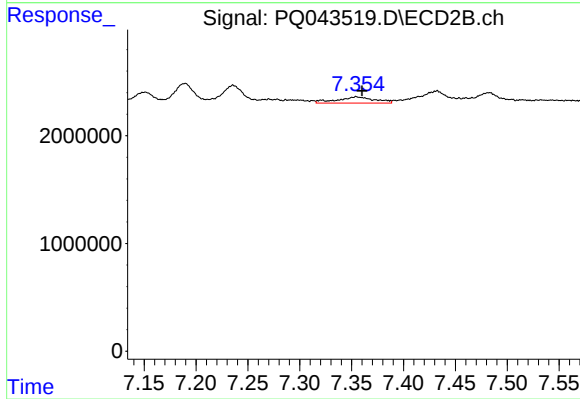
#26 AR-1254-1

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 2542652
Conc: 56.21 ng/ml



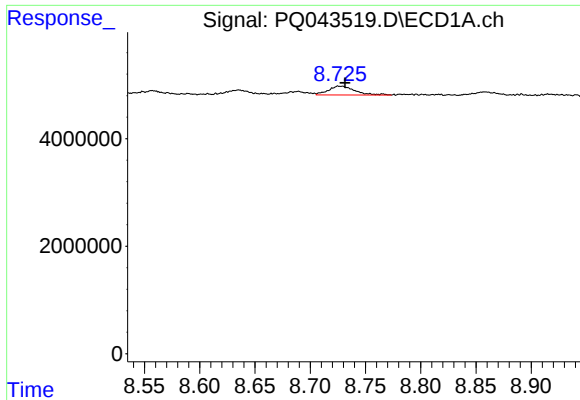
#27 AR-1254-2

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 3819774
Conc: 31.07 ng/ml



#27 AR-1254-2

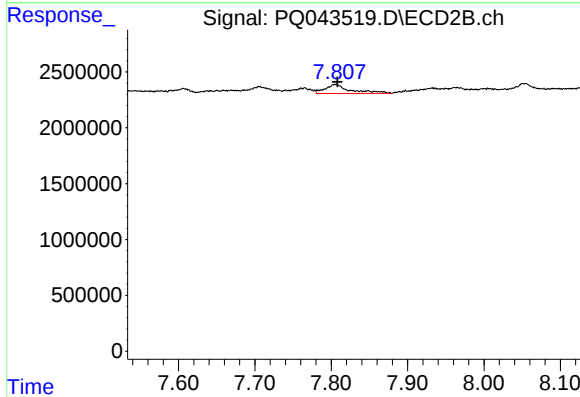
R.T.: 7.355 min
Delta R.T.: -0.005 min
Response: 1471767
Conc: 33.39 ng/ml



#28 AR-1254-3

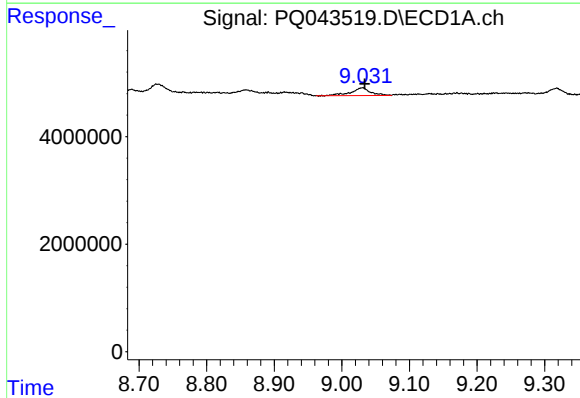
R.T.: 8.726 min
Delta R.T.: -0.005 min
Response: 2738788
Conc: 18.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



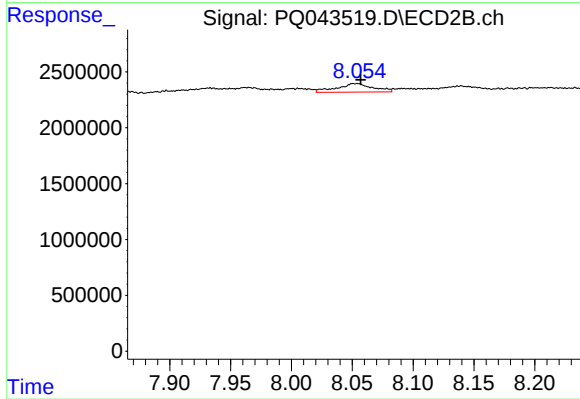
#28 AR-1254-3

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1850104
Conc: 24.80 ng/ml



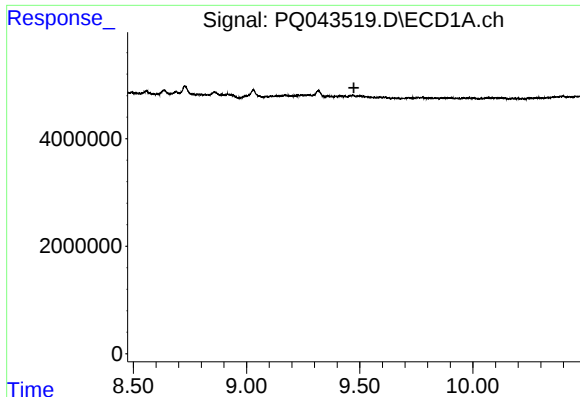
#29 AR-1254-4

R.T.: 9.031 min
Delta R.T.: -0.003 min
Response: 2890037
Conc: 22.45 ng/ml



#29 AR-1254-4

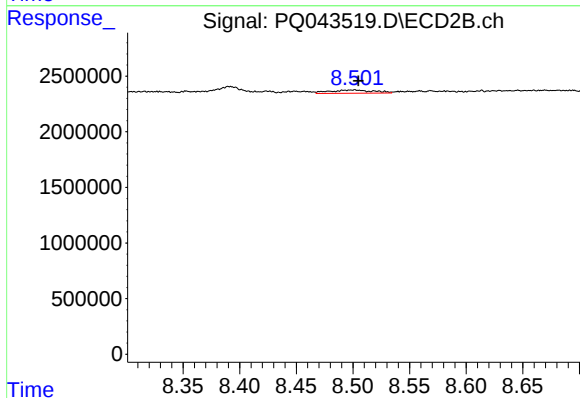
R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 1594853
Conc: 28.82 ng/ml



#30 AR-1254-5

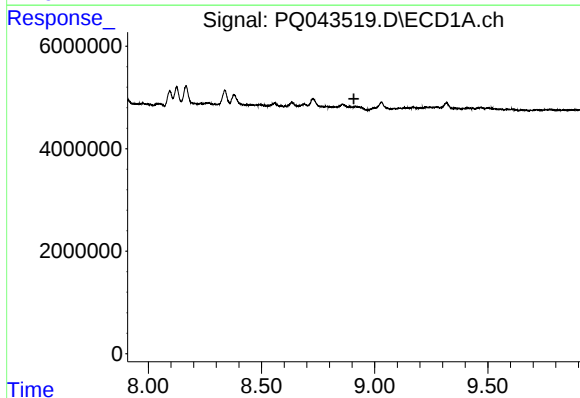
R.T.: 0.000 min
Exp R.T. : 9.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



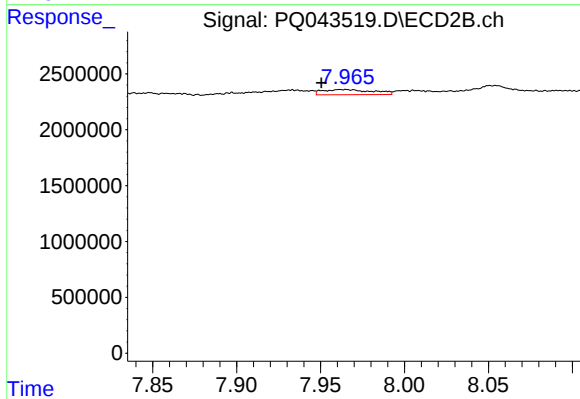
#30 AR-1254-5

R.T.: 8.501 min
Delta R.T.: -0.004 min
Response: 776741
Conc: 9.53 ng/ml



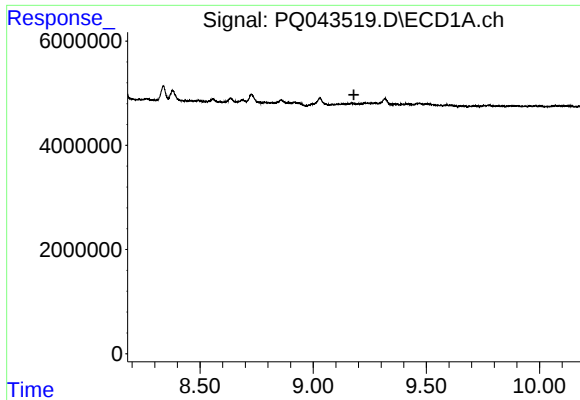
#31 AR-1260-1

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



#31 AR-1260-1

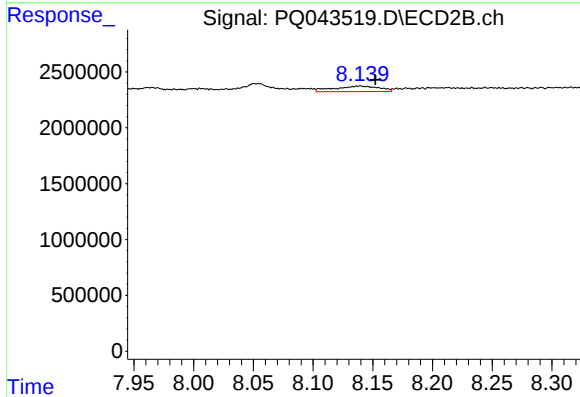
R.T.: 7.964 min
Delta R.T.: 0.014 min
Response: 966061
Conc: 16.64 ng/ml



#32 AR-1260-2

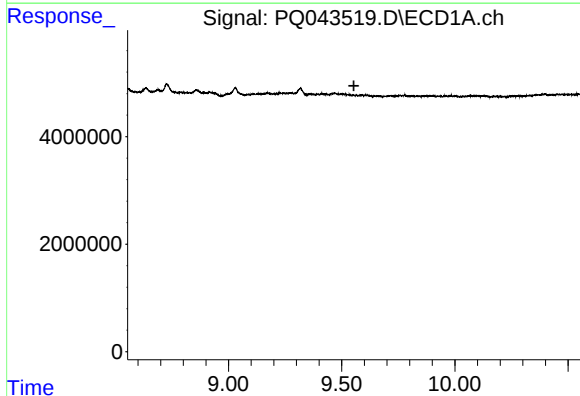
R.T.: 0.000 min
Exp R.T.: 9.180 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



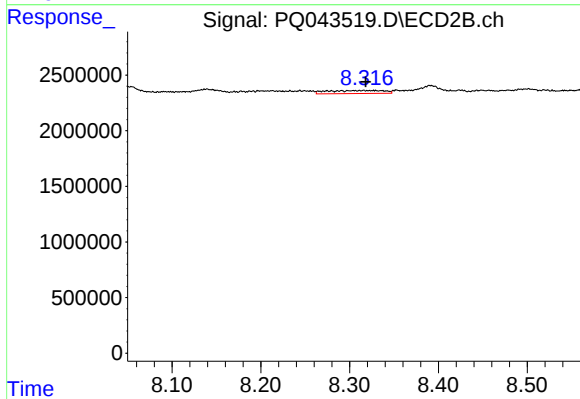
#32 AR-1260-2

R.T.: 8.139 min
Delta R.T.: -0.013 min
Response: 1294905
Conc: 16.94 ng/ml



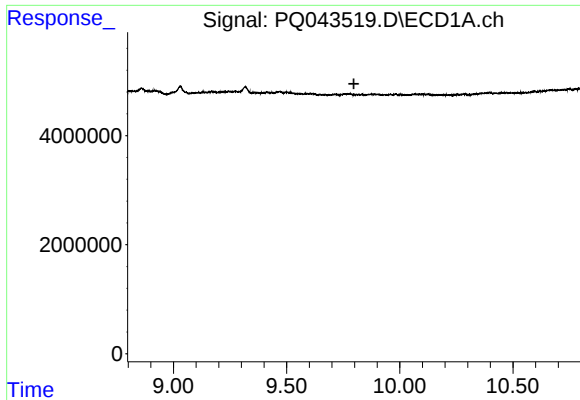
#33 AR-1260-3

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



#33 AR-1260-3

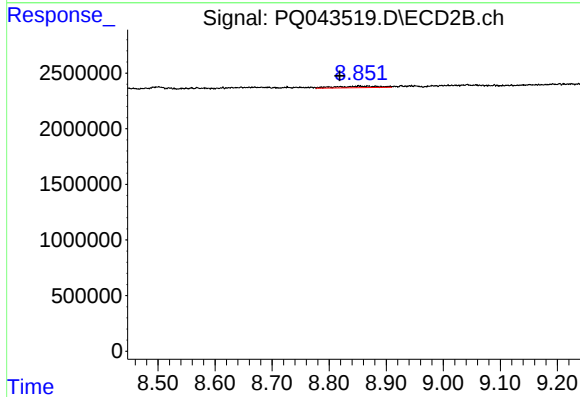
R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 1198101
Conc: 17.09 ng/ml



#34 AR-1260-4

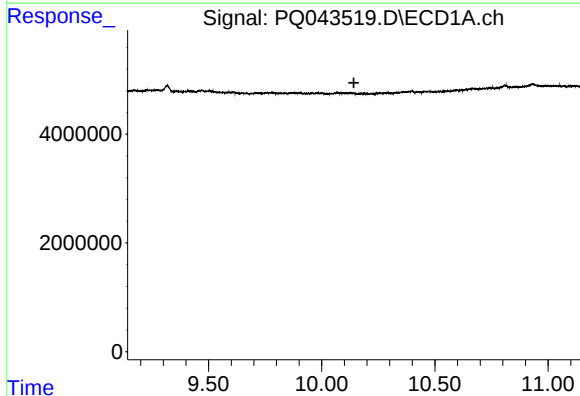
R.T.: 0.000 min
Exp R.T. : 9.797 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



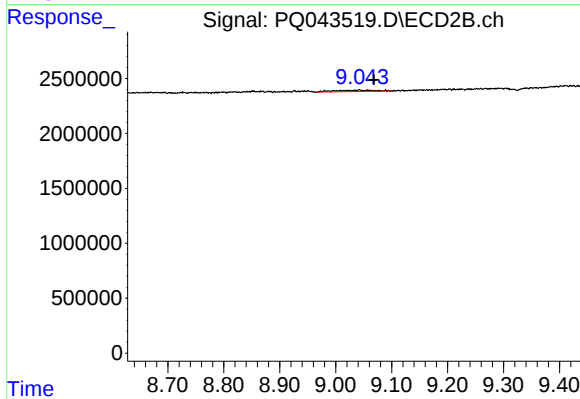
#34 AR-1260-4

R.T.: 8.854 min
Delta R.T.: 0.036 min
Response: 766454
Conc: 11.63 ng/ml



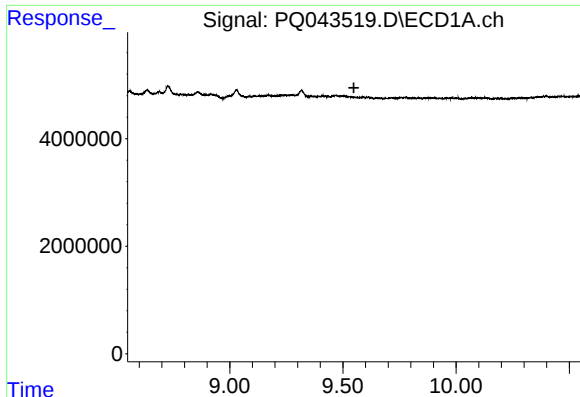
#35 AR-1260-5

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



#35 AR-1260-5

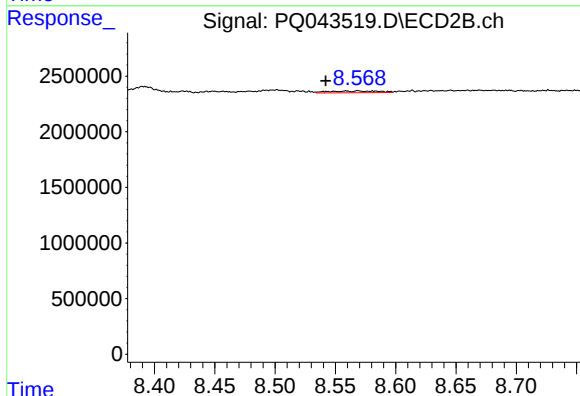
R.T.: 9.042 min
Delta R.T.: -0.027 min
Response: 608050
Conc: 3.24 ng/ml



#36 AR-1262-1

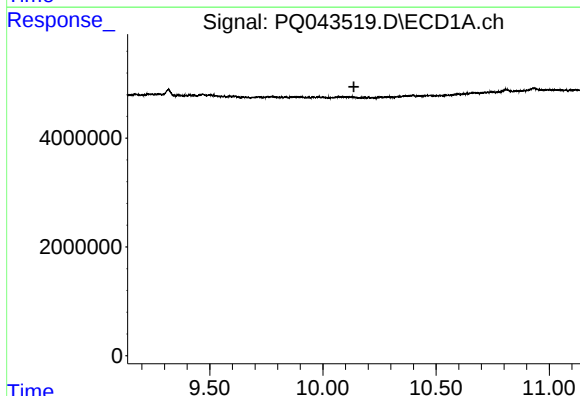
R.T.: 0.000 min
Exp R.T. : 9.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



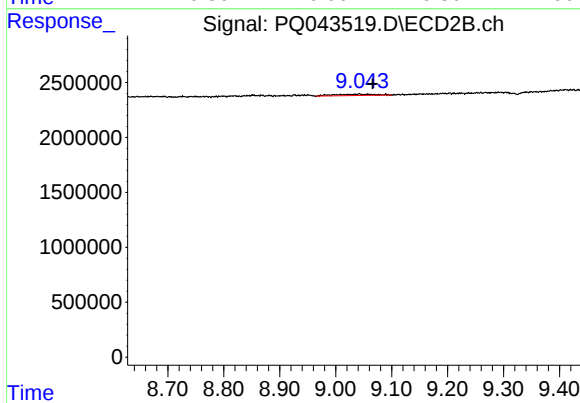
#36 AR-1262-1

R.T.: 8.569 min
Delta R.T.: 0.027 min
Response: 467308
Conc: 4.73 ng/ml



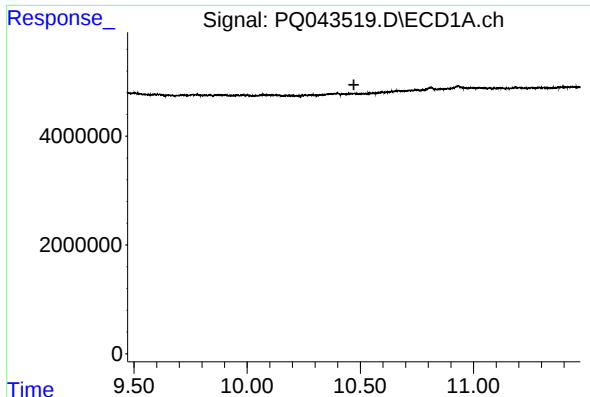
#37 AR-1262-2

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



#37 AR-1262-2

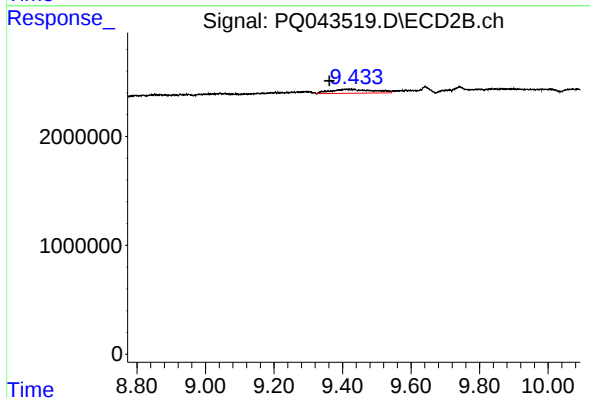
R.T.: 9.042 min
Delta R.T.: -0.024 min
Response: 608050
Conc: 2.72 ng/ml



#38 AR-1262-3

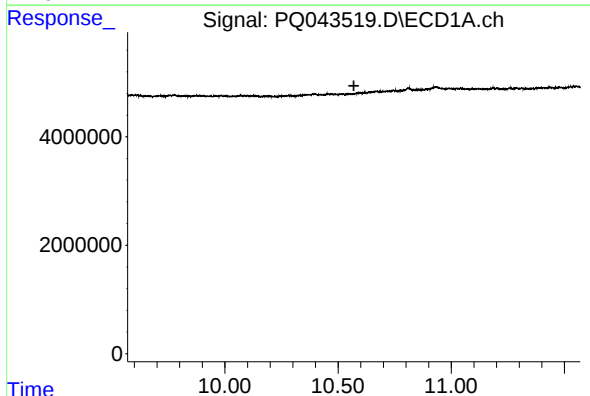
R.T.: 0.000 min
Exp R.T. : 10.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



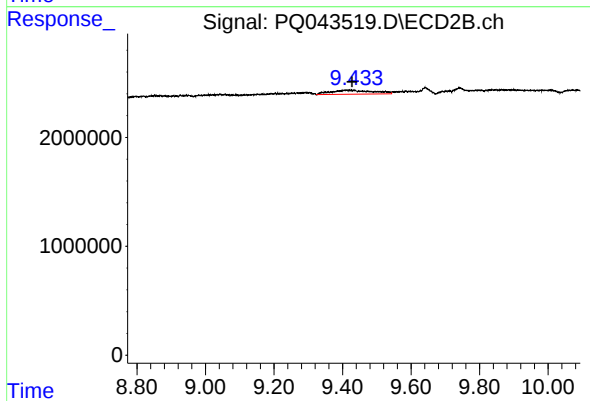
#38 AR-1262-3

R.T.: 9.413 min
Delta R.T.: 0.052 min
Response: 3141648
Conc: 27.31 ng/ml



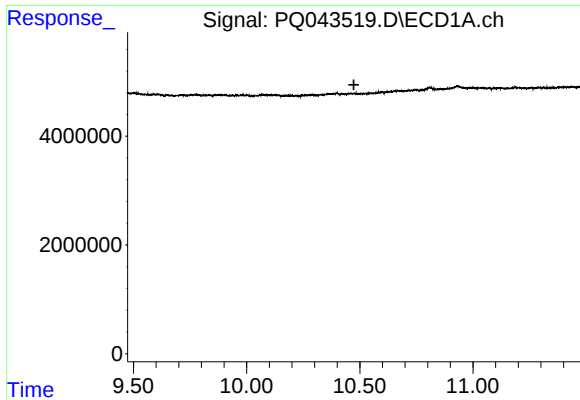
#39 AR-1262-4

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



#39 AR-1262-4

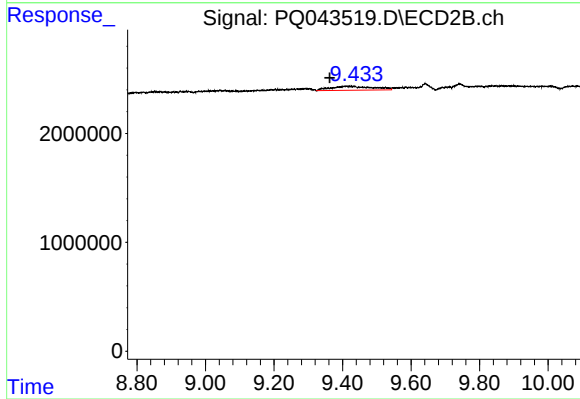
R.T.: 9.413 min
Delta R.T.: -0.015 min
Response: 3141648
Conc: 13.94 ng/ml



#41 AR-1268-1

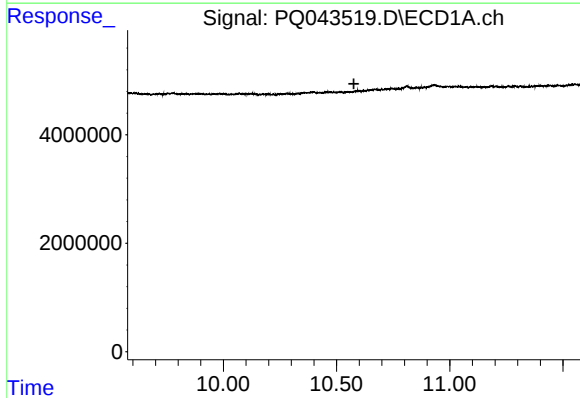
R.T.: 0.000 min
Exp R.T. : 10.474 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



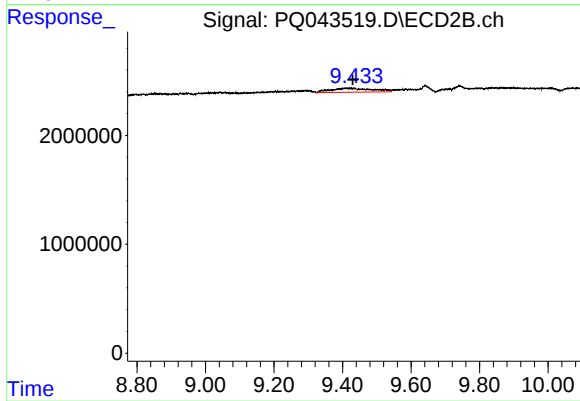
#41 AR-1268-1

R.T.: 9.413 min
Delta R.T.: 0.050 min
Response: 3141648
Conc: 9.61 ng/ml



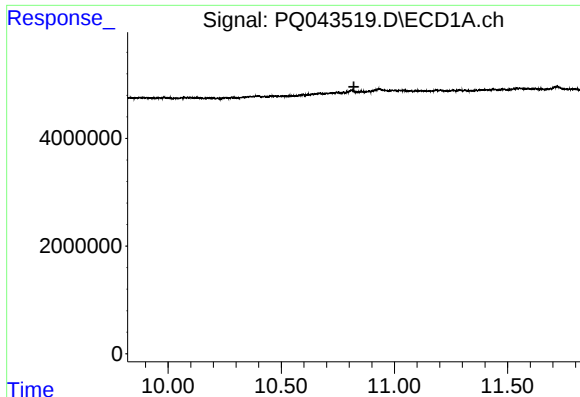
#42 AR-1268-2

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



#42 AR-1268-2

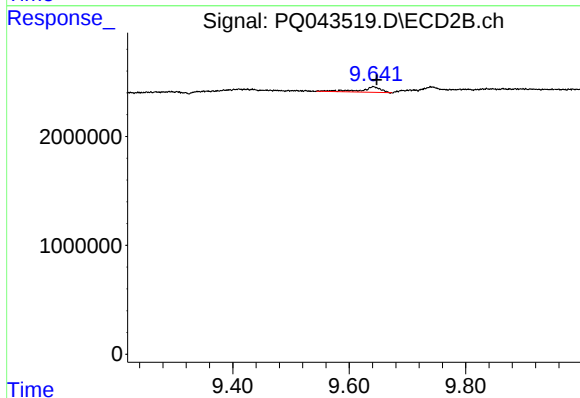
R.T.: 9.413 min
Delta R.T.: -0.016 min
Response: 3141648
Conc: 9.82 ng/ml



#43 AR-1268-3

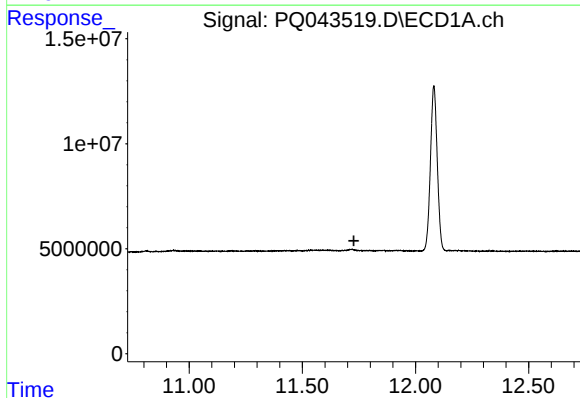
R.T.: 0.000 min
Exp R.T.: 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



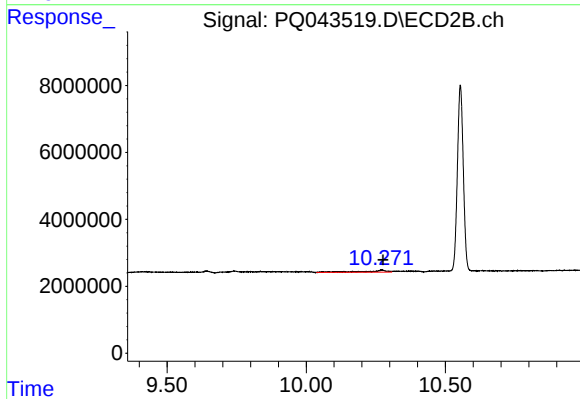
#43 AR-1268-3

R.T.: 9.642 min
Delta R.T.: -0.005 min
Response: 1260149
Conc: 4.45 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.: 10.272 min
Delta R.T.: -0.005 min
Response: 3519693
Conc: 2.80 ng/ml