

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 15:47
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:40:17 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...	5.694	4.781	36753115	14199406	23.067	23.442
2)	SA Decachlor...	12.093	10.560	151.4E6	74606851	24.013	23.819
Target Compounds							
3)	L1 AR-1016-1	7.139	6.236	1805862	652203	26.436	22.110
4)	L1 AR-1016-2	7.162	6.258	3325776	906487	33.943	23.142 #
5)	L1 AR-1016-3	7.233	6.474	2316319	483502	38.470	22.984 #
6)	L1 AR-1016-4	0.000	6.527	0	333139	N.D.	19.122 #
7)	L1 AR-1016-5	0.000	6.780	0	533238	N.D.	23.825 #
8)	L2 AR-1221-1	0.000	5.088	0	239798	N.D.	41.142 #
9)	L2 AR-1221-2	0.000	5.205	0	387423	N.D.	80.573 #
10)	L2 AR-1221-3	6.176	5.310	3321237	932131	81.489	56.792 #
11)	L3 AR-1232-1	6.176	5.310	3321237	932131	73.524	50.446 #
12)	L3 AR-1232-2	0.000	6.258	0	906487	N.D.	45.439 #
13)	L3 AR-1232-3	7.162	6.474	3325776	483502	62.204	44.543 #
14)	L3 AR-1232-4	0.000	6.578	0	403199	N.D.	39.495 #
15)	L3 AR-1232-5	0.000	6.780	0	533238	N.D.	48.713 #
16)	L4 AR-1242-1	7.139	6.236	1805862	652203	44.102	37.752
17)	L4 AR-1242-2	7.162	6.258	3325776	906487	56.456	39.034 #
18)	L4 AR-1242-3	7.233	6.474	2316319	483502	62.170	39.121 #
19)	L4 AR-1242-4	0.000	6.578	0	403199	N.D.	31.733 #
20)	L4 AR-1242-5	8.171	7.189	1291514	1143058	31.059	57.092 #
21)	L5 AR-1248-1	7.139	6.236	1805862	652203	57.148	51.786
22)	L5 AR-1248-2	0.000	6.527	0	333139	N.D.	18.811 #
23)	L5 AR-1248-3	0.000	6.578	0	403199	N.D.	21.536 #
24)	L5 AR-1248-4	8.130	6.780	1220150	533238	16.916	23.109 #
25)	L5 AR-1248-5	8.171	7.236	1291514	1312273	17.840	46.301 #
26)	L6 AR-1254-1	8.098	7.189	1302192	1143058	18.138	25.269 #
27)	L6 AR-1254-2	8.342	7.351	1262094	1243228	10.265	28.209 #
28)	L6 AR-1254-3	0.000	7.806	0	1918147	N.D.	25.715 #
29)	L6 AR-1254-4	0.000	8.058	0	1254134	N.D.	22.662 #
30)	L6 AR-1254-5	0.000	8.555	0	2524216	N.D.	30.973 #
31)	L7 AR-1260-1	0.000	7.964	0	704201	N.D.	12.131 #
32)	L7 AR-1260-2	0.000	8.146	0	1817733	N.D.	23.776 #
33)	L7 AR-1260-3	0.000	8.289	0	768414	N.D.	10.960 #
34)	L7 AR-1260-4	0.000	8.807	0	1067072	N.D.	16.186 #
35)	L7 AR-1260-5	0.000	9.094	0	657662	N.D.	3.503 #
36)	L8 AR-1262-1	0.000	8.555	0	2524216	N.D.	25.529 #
37)	L8 AR-1262-2	0.000	9.094	0	657662	N.D.	2.943 #
40)	L8 AR-1262-5	0.000	9.981	0	582180	N.D.	3.768 #
43)	L9 AR-1268-3	0.000	9.647	0	532198	N.D.	1.878 #
44)	L9 AR-1268-4	0.000	9.981	0	582180	N.D.	3.582 #
45)	L9 AR-1268-5	0.000	10.277	0	2267598	N.D.	1.806 #

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Acq On : 11 Sep 2019 15:47
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Sample : K3591-01
Misc : AR1232 LOD 25 PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 02:40:17 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

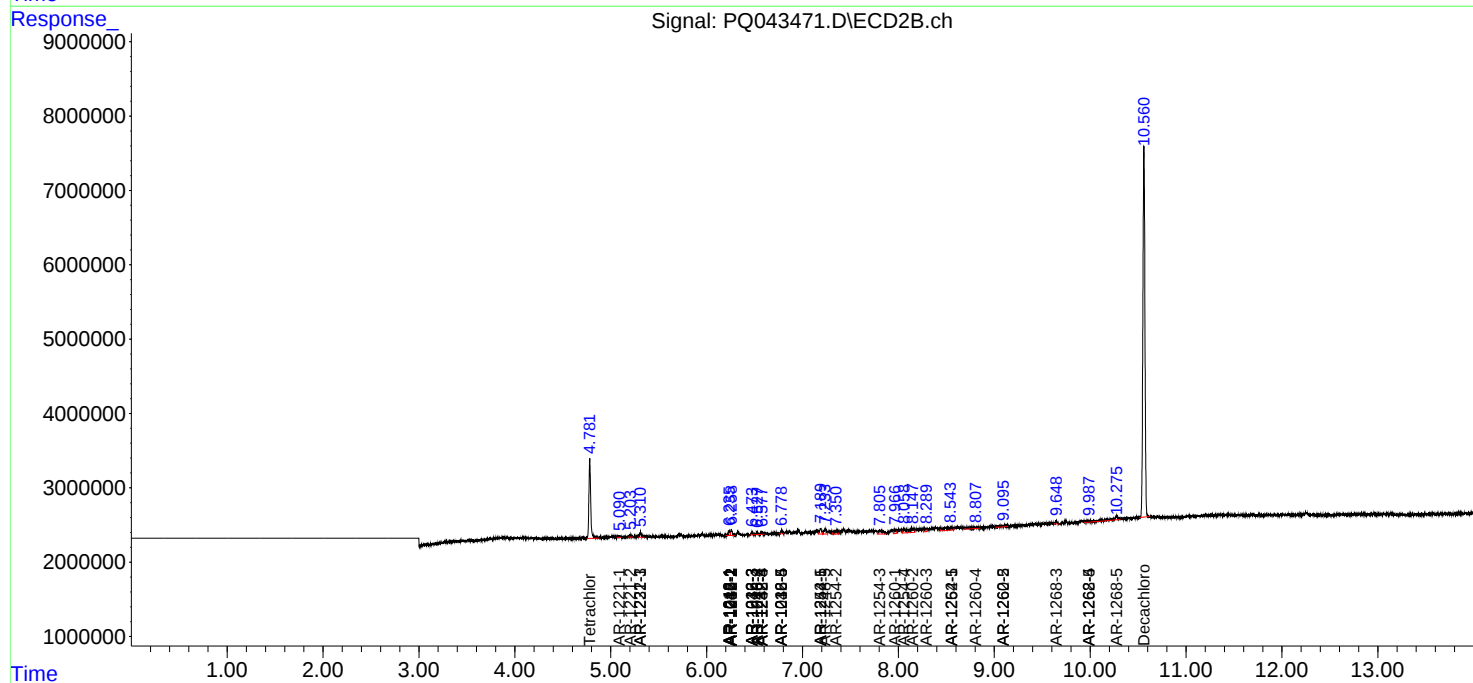
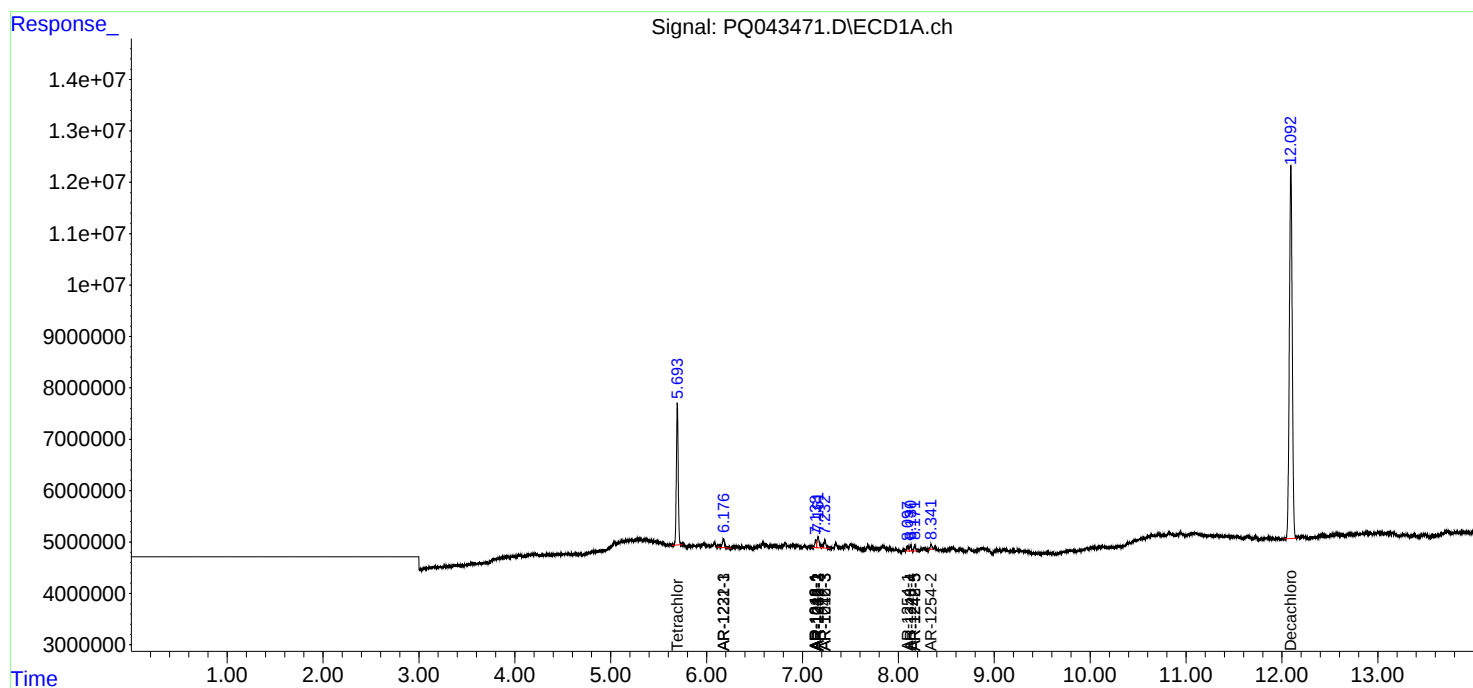
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

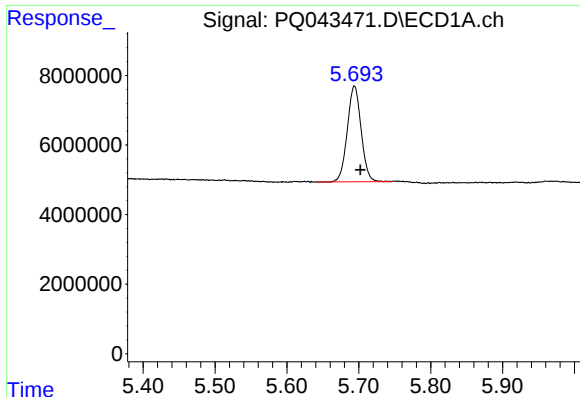
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

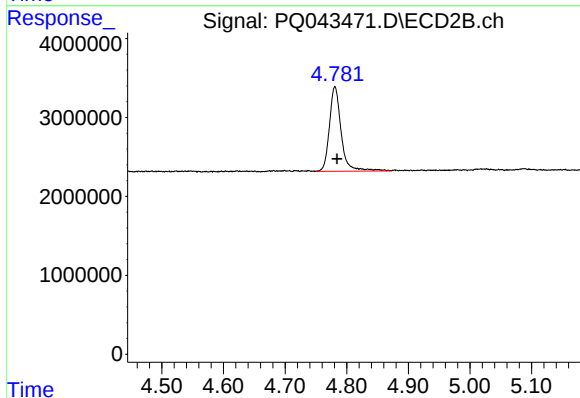




#1 Tetrachloro-m-xylene

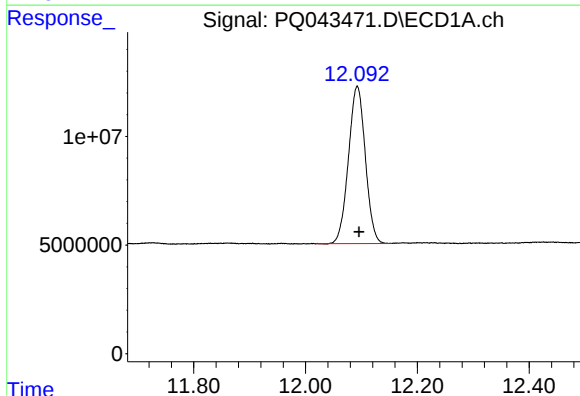
R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 36753115
Conc: 23.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



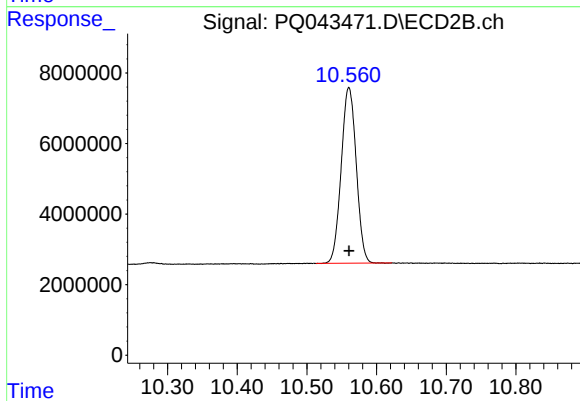
#1 Tetrachloro-m-xylene

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 14199406
Conc: 23.44 ng/ml



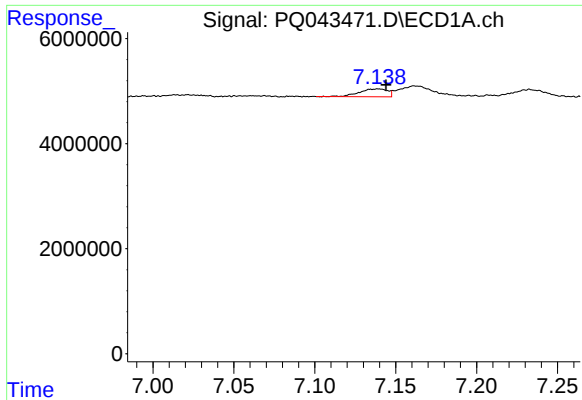
#2 Decachlorobiphenyl

R.T.: 12.093 min
Delta R.T.: -0.003 min
Response: 151448168
Conc: 24.01 ng/ml



#2 Decachlorobiphenyl

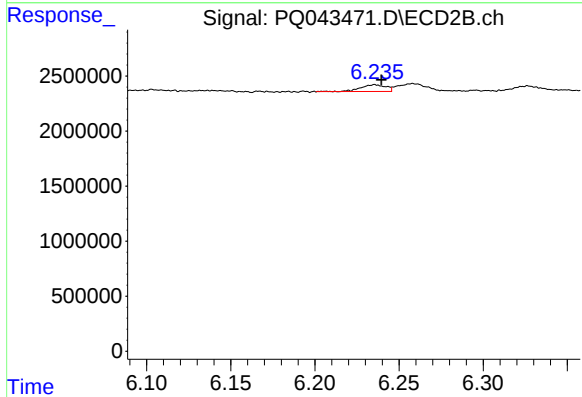
R.T.: 10.560 min
Delta R.T.: 0.000 min
Response: 74606851
Conc: 23.82 ng/ml



#3 AR-1016-1

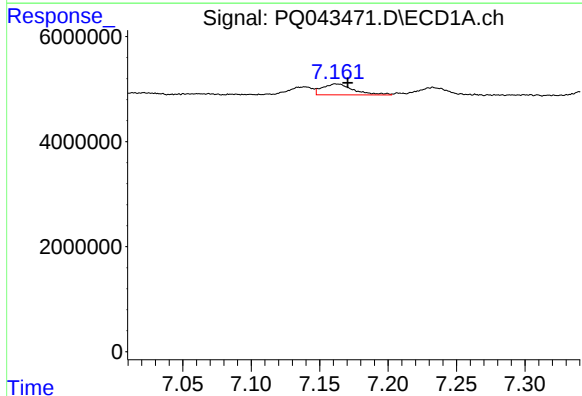
R.T.: 7.139 min
Delta R.T.: -0.005 min
Response: 1805862
Conc: 26.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



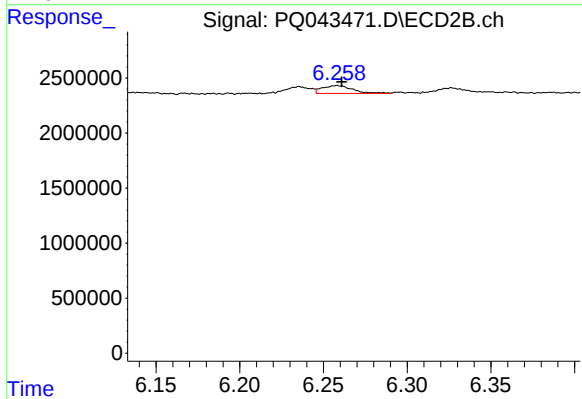
#3 AR-1016-1

R.T.: 6.236 min
Delta R.T.: -0.004 min
Response: 652203
Conc: 22.11 ng/ml



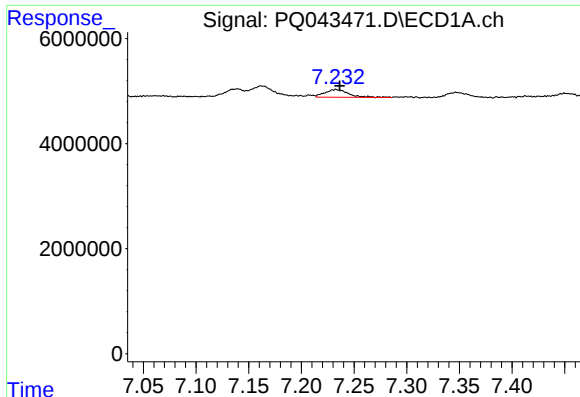
#4 AR-1016-2

R.T.: 7.162 min
Delta R.T.: -0.008 min
Response: 3325776
Conc: 33.94 ng/ml



#4 AR-1016-2

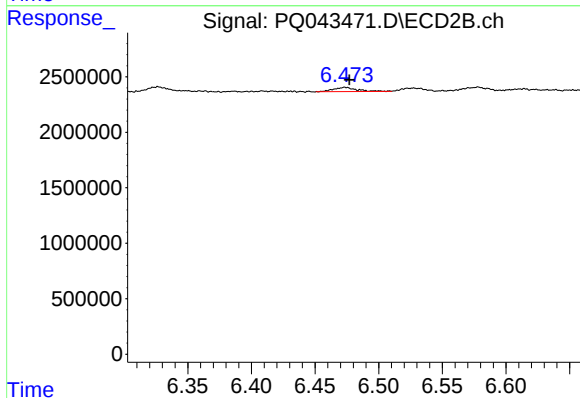
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 906487
Conc: 23.14 ng/ml



#5 AR-1016-3

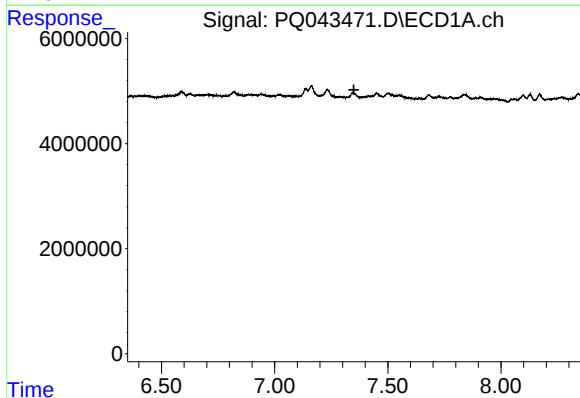
R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 2316319
Conc: 38.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



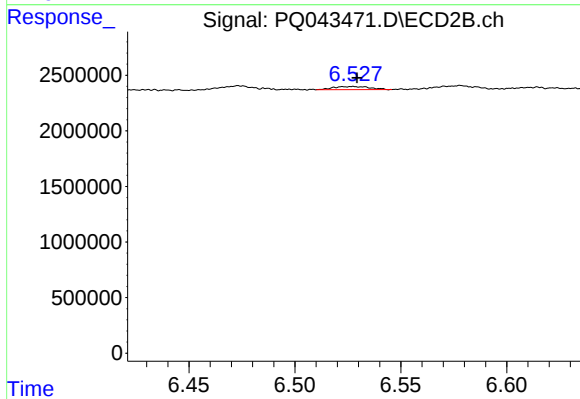
#5 AR-1016-3

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 483502
Conc: 22.98 ng/ml



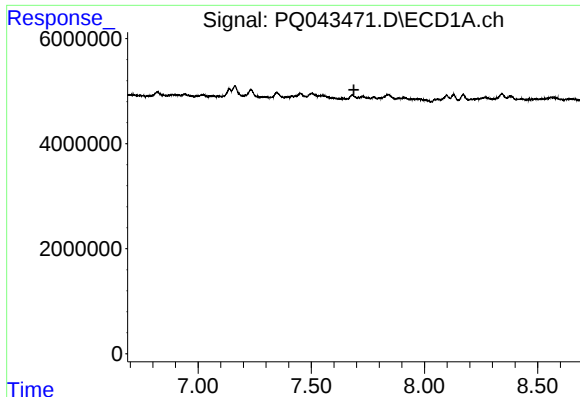
#6 AR-1016-4

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



#6 AR-1016-4

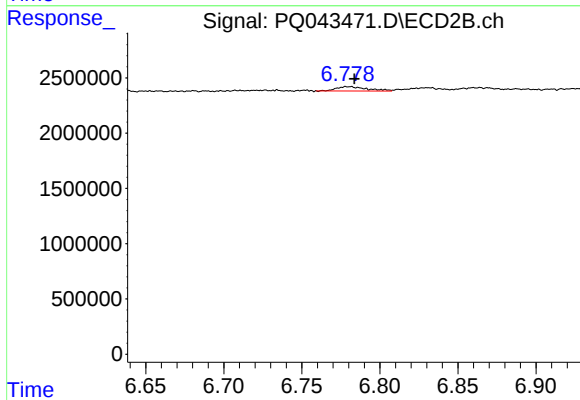
R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 333139
Conc: 19.12 ng/ml



#7 AR-1016-5

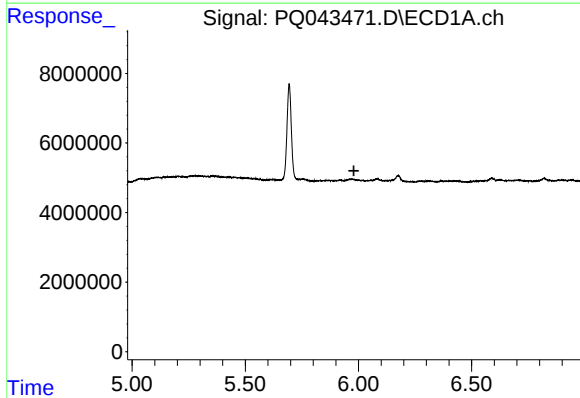
R.T.: 0.000 min
Exp R.T.: 7.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



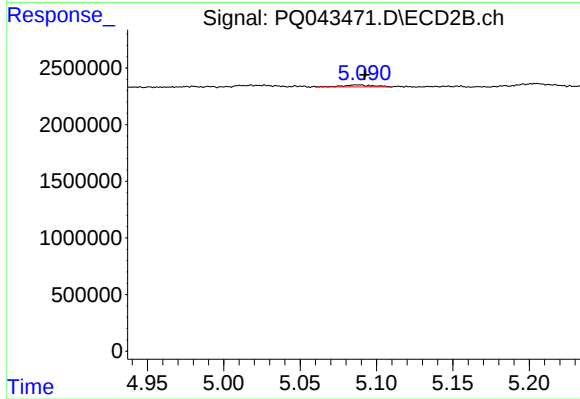
#7 AR-1016-5

R.T.: 6.780 min
Delta R.T.: -0.004 min
Response: 533238
Conc: 23.83 ng/ml



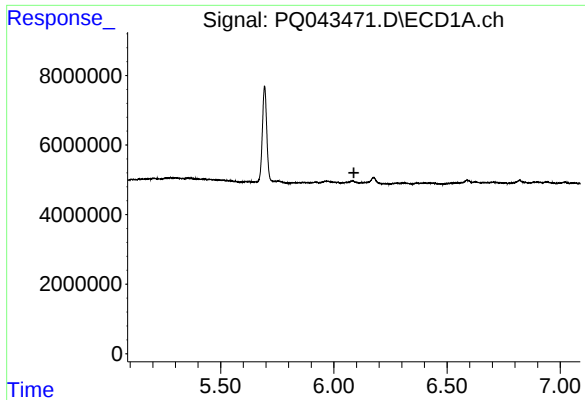
#8 AR-1221-1

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



#8 AR-1221-1

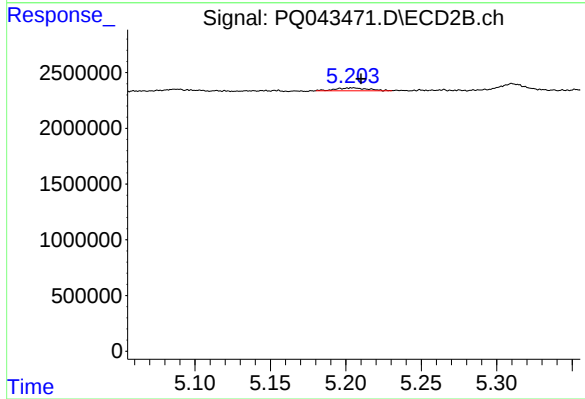
R.T.: 5.088 min
Delta R.T.: -0.004 min
Response: 239798
Conc: 41.14 ng/ml



#9 AR-1221-2

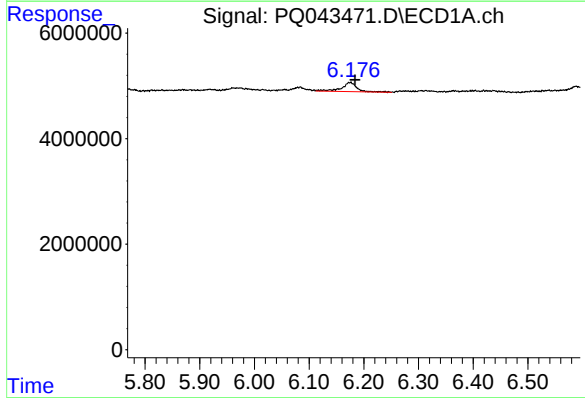
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



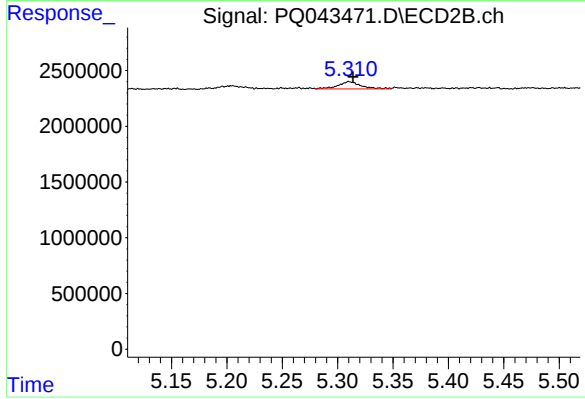
#9 AR-1221-2

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 387423
Conc: 80.57 ng/ml



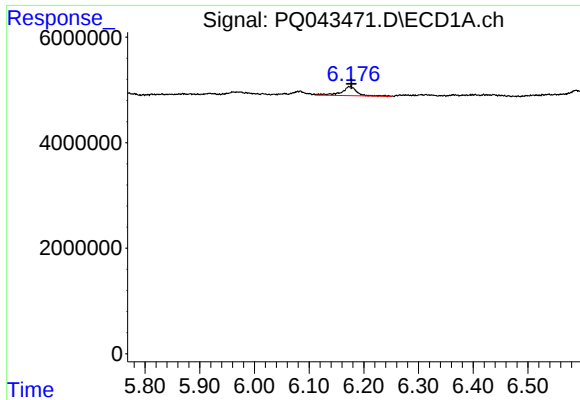
#10 AR-1221-3

R.T.: 6.176 min
Delta R.T.: -0.008 min
Response: 3321237
Conc: 81.49 ng/ml



#10 AR-1221-3

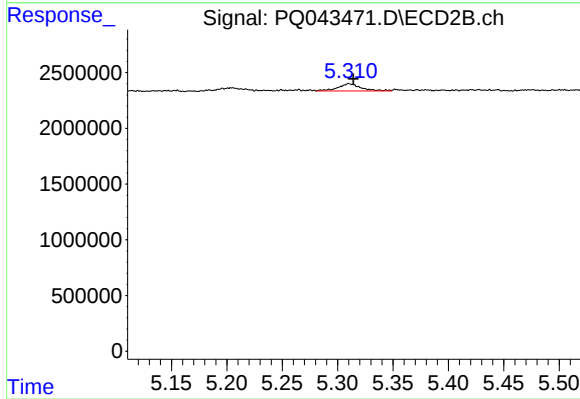
R.T.: 5.310 min
Delta R.T.: -0.003 min
Response: 932131
Conc: 56.79 ng/ml



#11 AR-1232-1

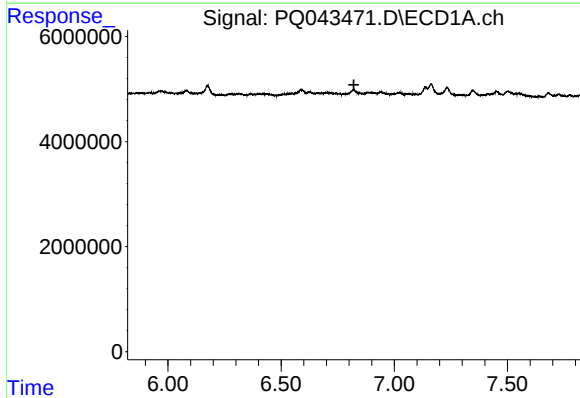
R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 3321237
Conc: 73.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



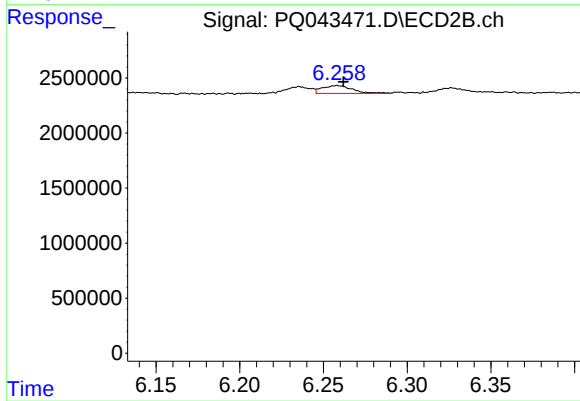
#11 AR-1232-1

R.T.: 5.310 min
Delta R.T.: -0.004 min
Response: 932131
Conc: 50.45 ng/ml



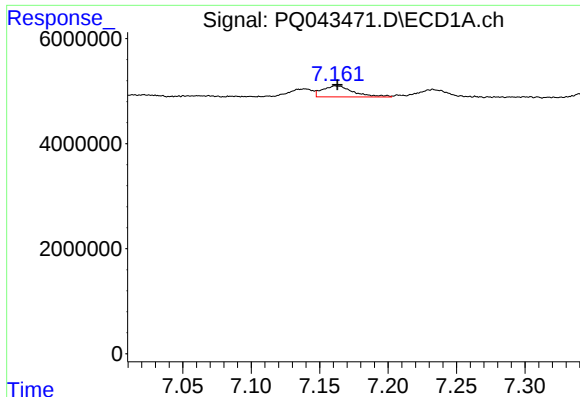
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.822 min
Response: 0
Conc: N.D.



#12 AR-1232-2

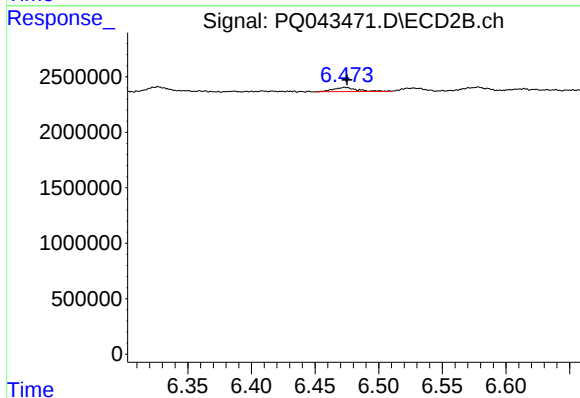
R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 906487
Conc: 45.44 ng/ml



#13 AR-1232-3

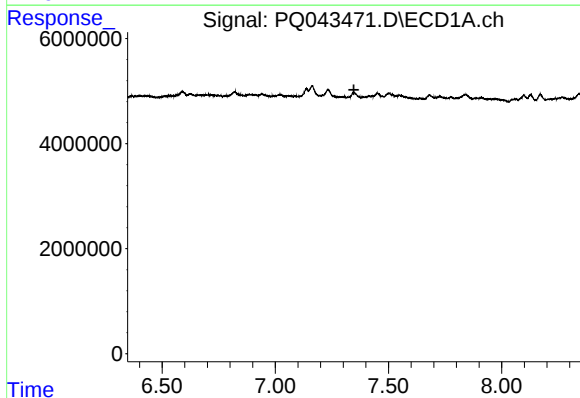
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 3325776
Conc: 62.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



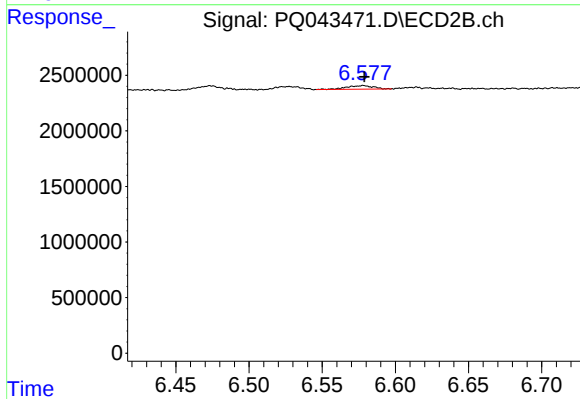
#13 AR-1232-3

R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 483502
Conc: 44.54 ng/ml



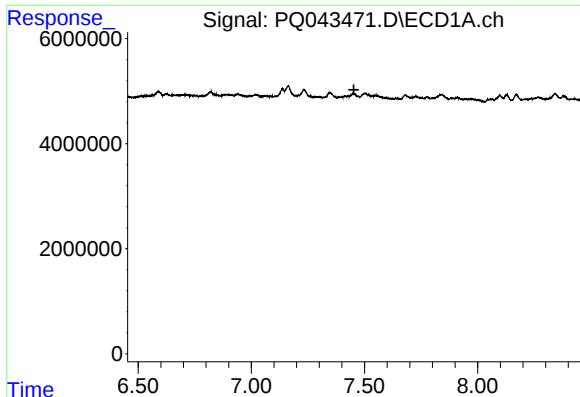
#14 AR-1232-4

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



#14 AR-1232-4

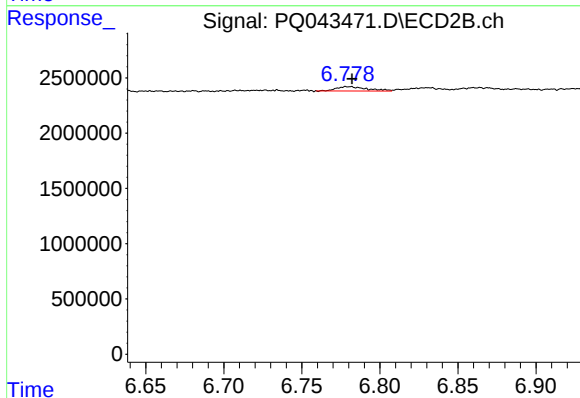
R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 403199
Conc: 39.50 ng/ml



#15 AR-1232-5

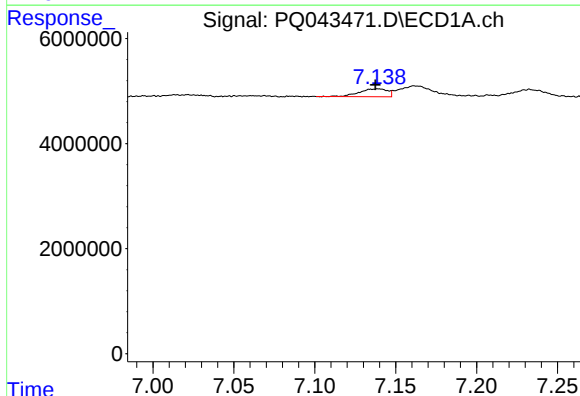
R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



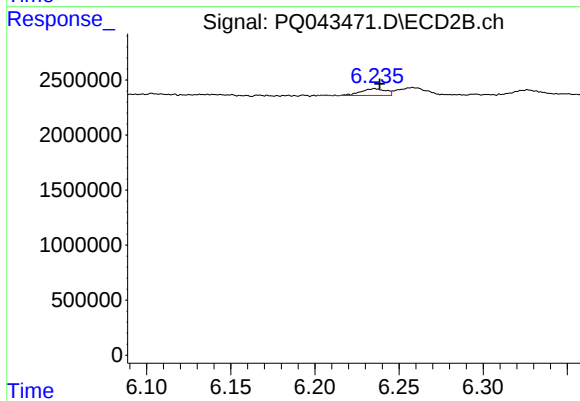
#15 AR-1232-5

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 533238
Conc: 48.71 ng/ml



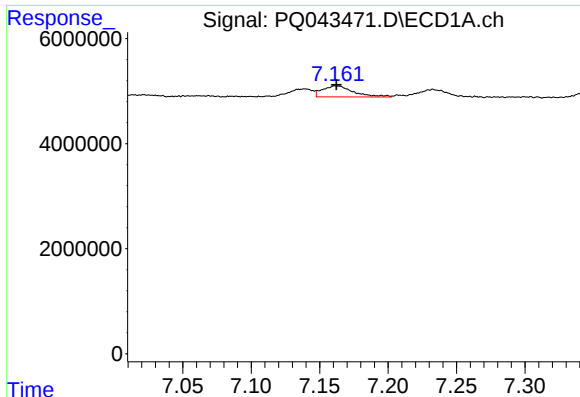
#16 AR-1242-1

R.T.: 7.139 min
Delta R.T.: 0.002 min
Response: 1805862
Conc: 44.10 ng/ml



#16 AR-1242-1

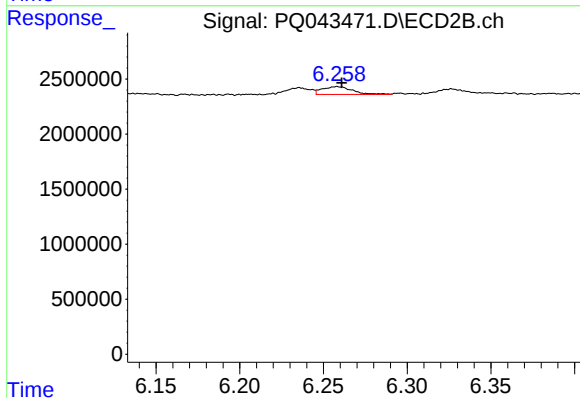
R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 652203
Conc: 37.75 ng/ml



#17 AR-1242-2

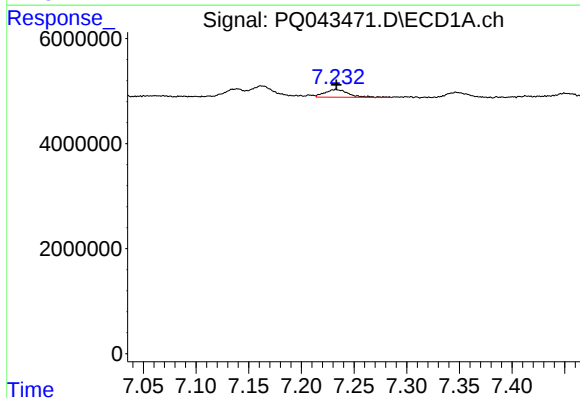
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 3325776
Conc: 56.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



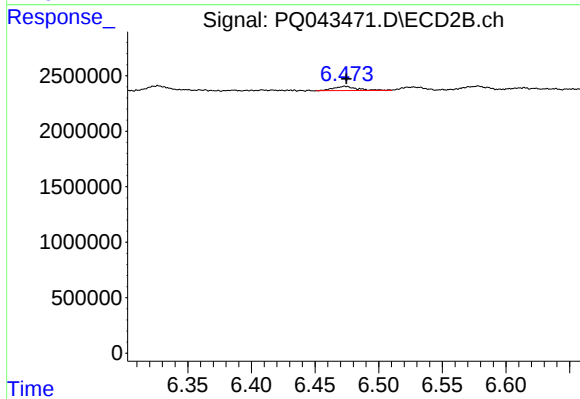
#17 AR-1242-2

R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 906487
Conc: 39.03 ng/ml



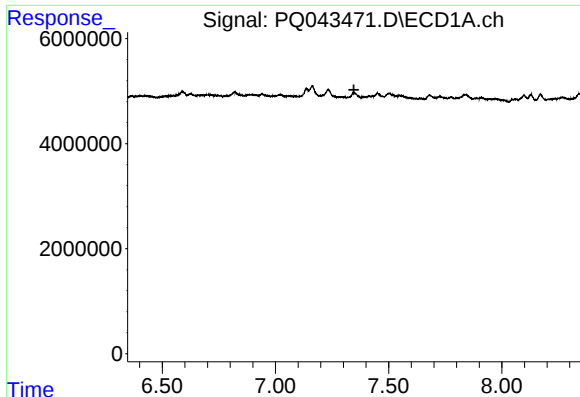
#18 AR-1242-3

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 2316319
Conc: 62.17 ng/ml



#18 AR-1242-3

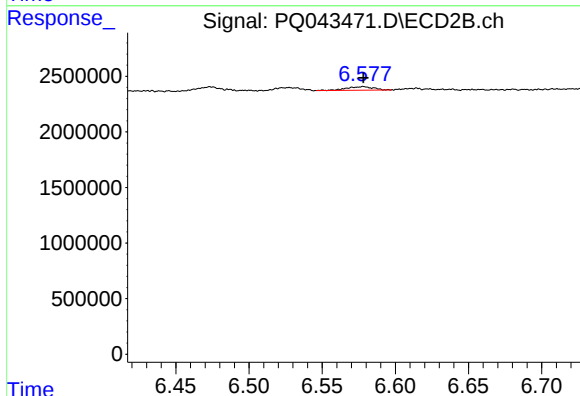
R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 483502
Conc: 39.12 ng/ml



#19 AR-1242-4

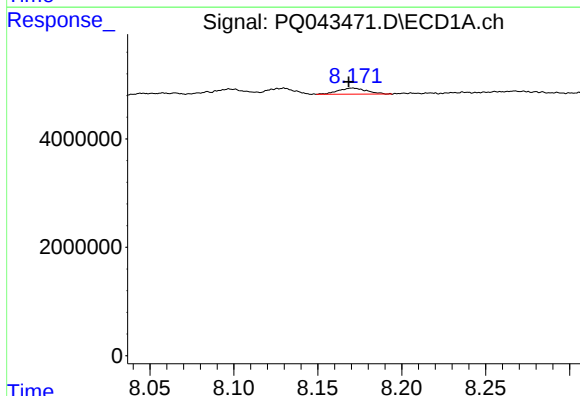
R.T.: 0.000 min
Exp R.T.: 7.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



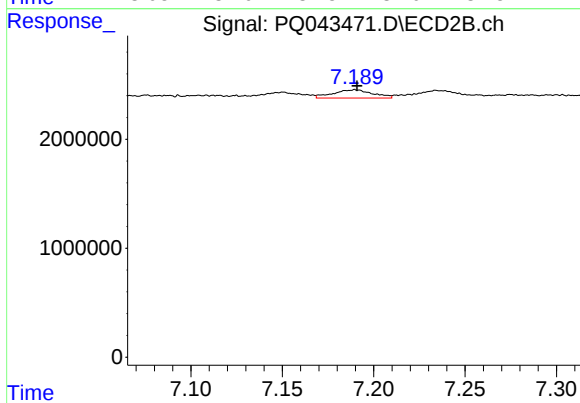
#19 AR-1242-4

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 403199
Conc: 31.73 ng/ml



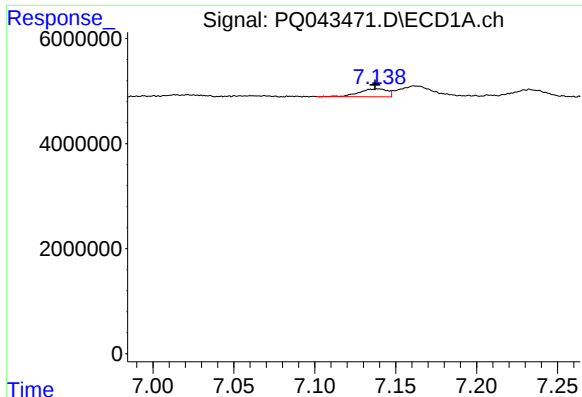
#20 AR-1242-5

R.T.: 8.171 min
Delta R.T.: 0.002 min
Response: 1291514
Conc: 31.06 ng/ml



#20 AR-1242-5

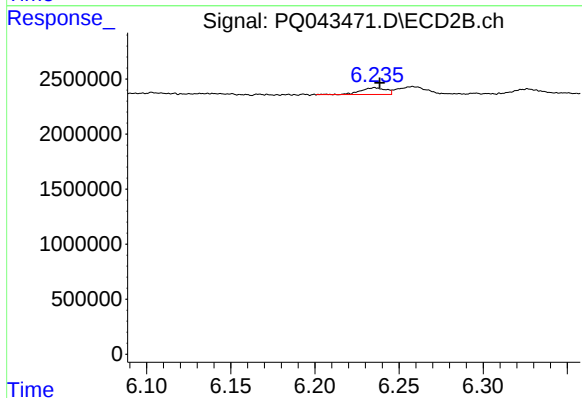
R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 1143058
Conc: 57.09 ng/ml



#21 AR-1248-1

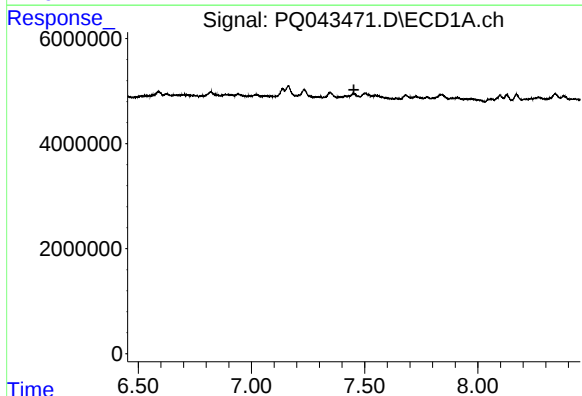
R.T.: 7.139 min
Delta R.T.: 0.002 min
Response: 1805862
Conc: 57.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



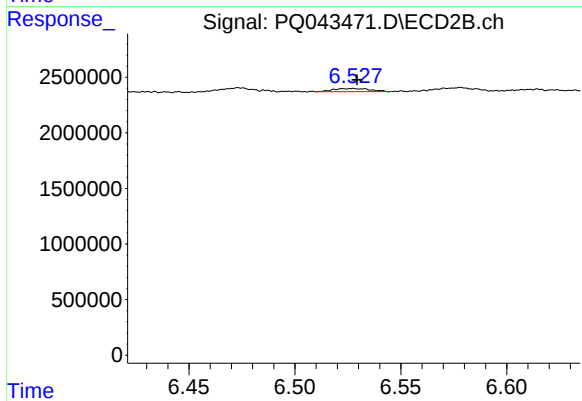
#21 AR-1248-1

R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 652203
Conc: 51.79 ng/ml



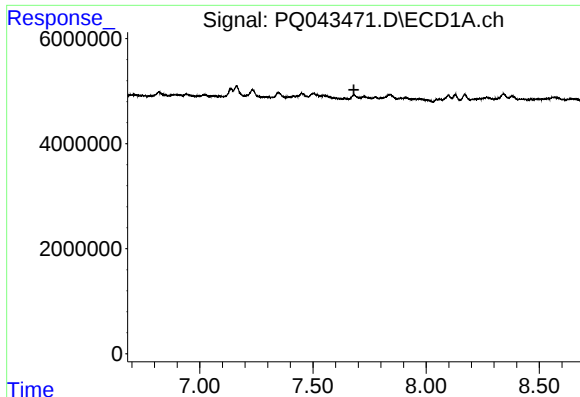
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.453 min
Response: 0
Conc: N.D.



#22 AR-1248-2

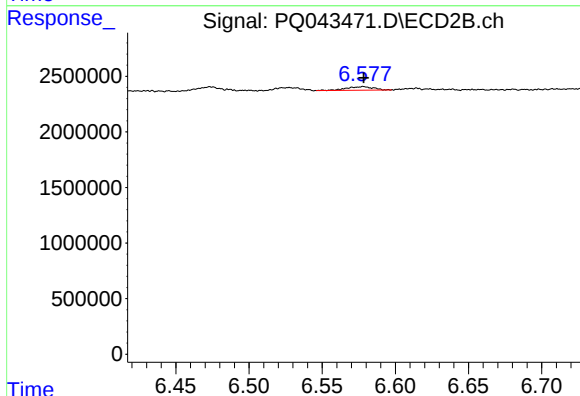
R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 333139
Conc: 18.81 ng/ml



#23 AR-1248-3

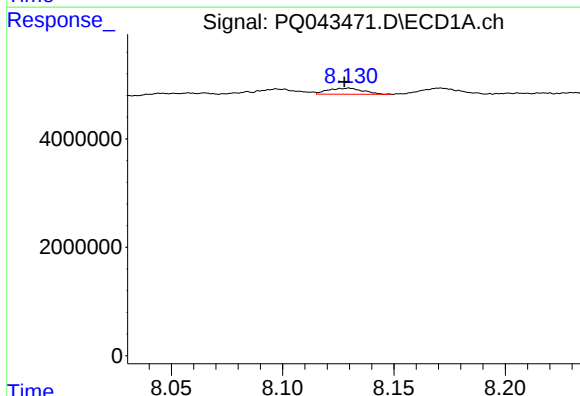
R.T.: 0.000 min
Exp R.T.: 7.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



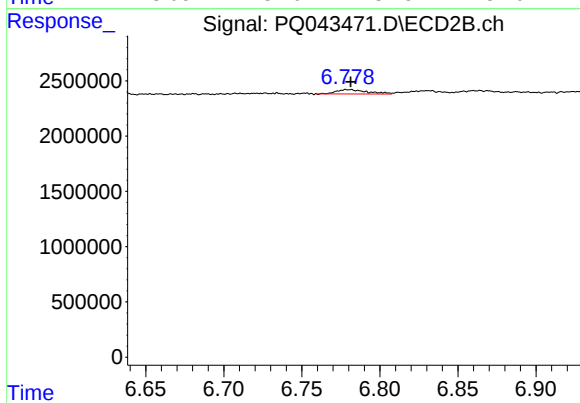
#23 AR-1248-3

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 403199
Conc: 21.54 ng/ml



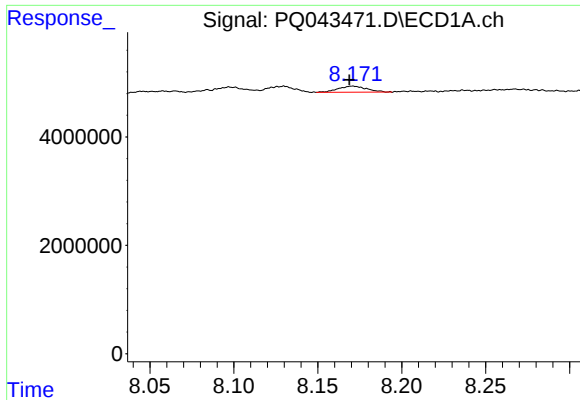
#24 AR-1248-4

R.T.: 8.130 min
Delta R.T.: 0.002 min
Response: 1220150
Conc: 16.92 ng/ml



#24 AR-1248-4

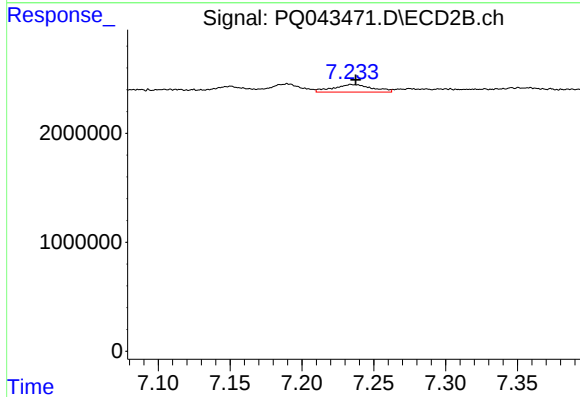
R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 533238
Conc: 23.11 ng/ml



#25 AR-1248-5

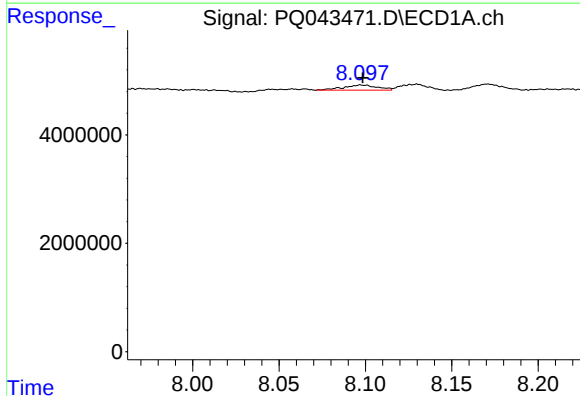
R.T.: 8.171 min
Delta R.T.: 0.002 min
Response: 1291514
Conc: 17.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



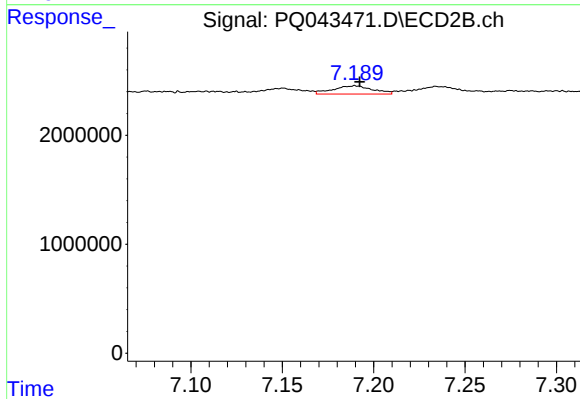
#25 AR-1248-5

R.T.: 7.236 min
Delta R.T.: -0.002 min
Response: 1312273
Conc: 46.30 ng/ml



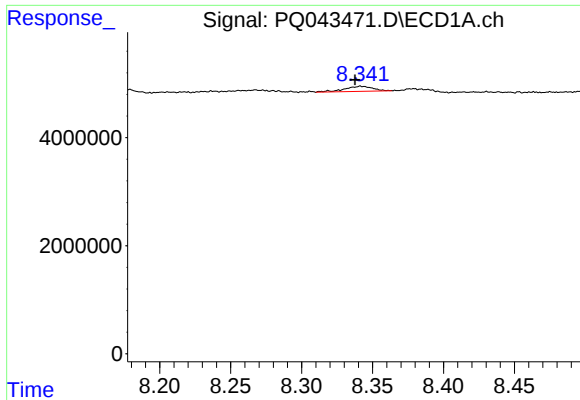
#26 AR-1254-1

R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 1302192
Conc: 18.14 ng/ml



#26 AR-1254-1

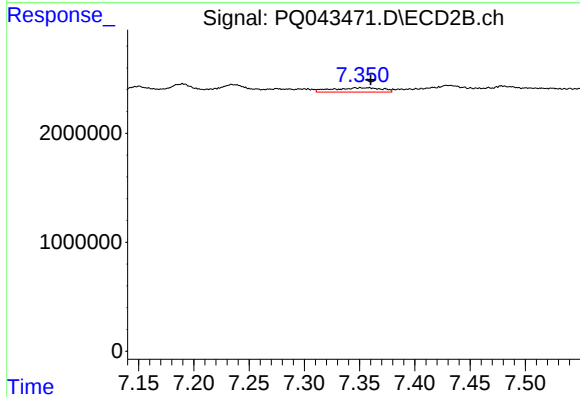
R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 1143058
Conc: 25.27 ng/ml



#27 AR-1254-2

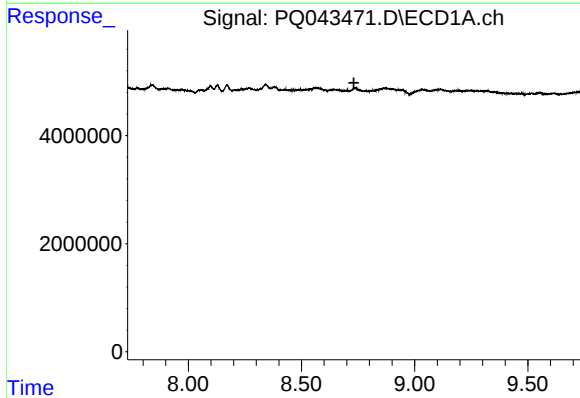
R.T.: 8.342 min
Delta R.T.: 0.004 min
Response: 1262094
Conc: 10.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



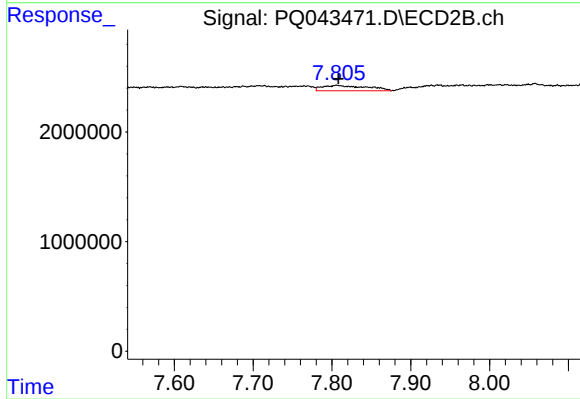
#27 AR-1254-2

R.T.: 7.351 min
Delta R.T.: -0.010 min
Response: 1243228
Conc: 28.21 ng/ml



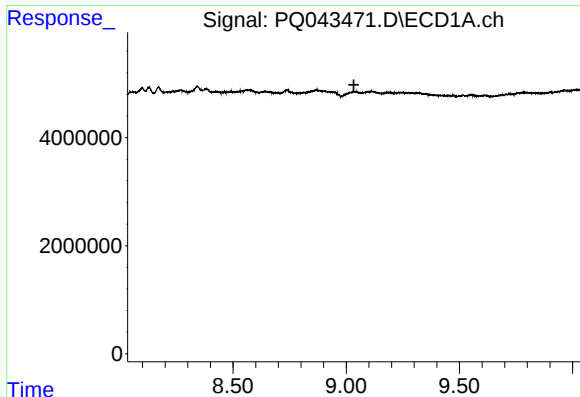
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.732 min
Response: 0
Conc: N.D.



#28 AR-1254-3

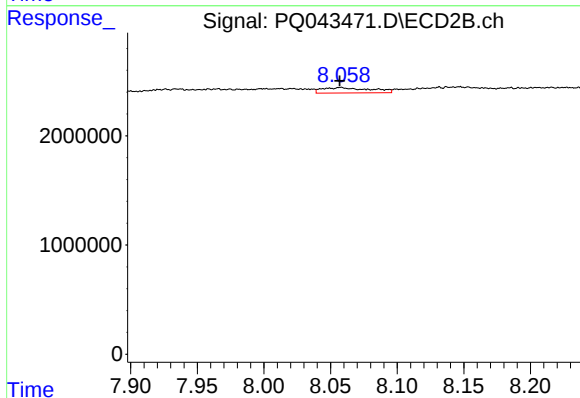
R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1918147
Conc: 25.71 ng/ml



#29 AR-1254-4

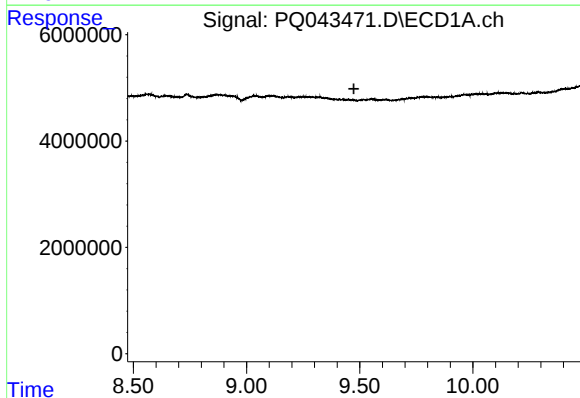
R.T.: 0.000 min
Exp R.T.: 9.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



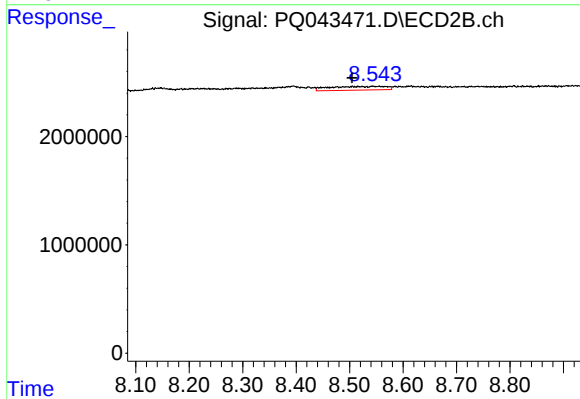
#29 AR-1254-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1254134
Conc: 22.66 ng/ml



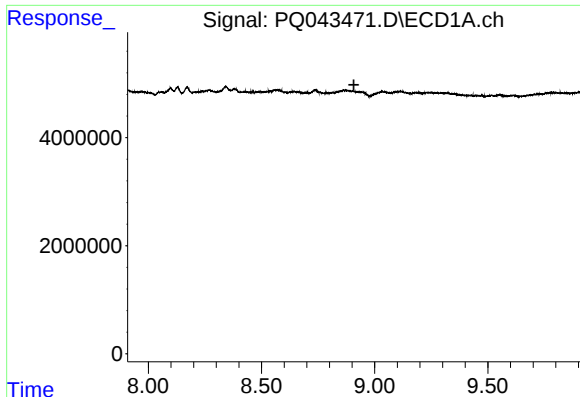
#30 AR-1254-5

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



#30 AR-1254-5

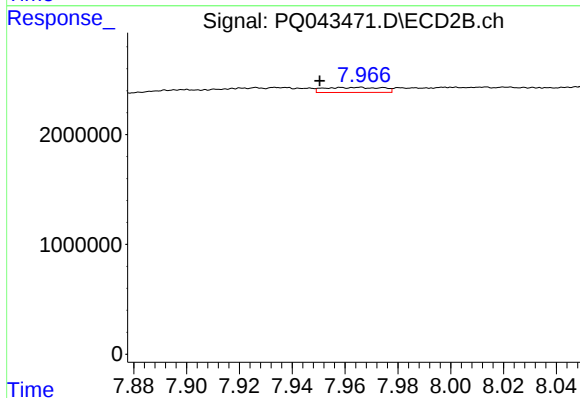
R.T.: 8.555 min
Delta R.T.: 0.050 min
Response: 2524216
Conc: 30.97 ng/ml



#31 AR-1260-1

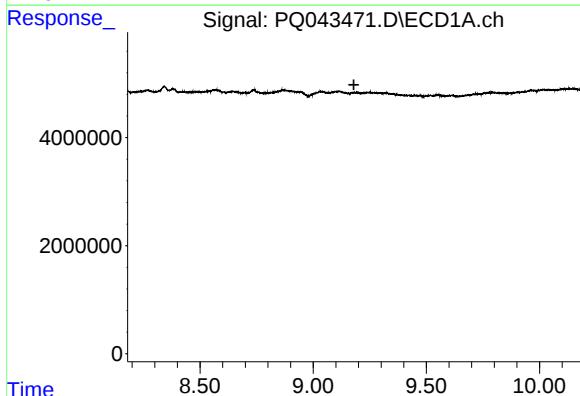
R.T.: 0.000 min
Exp R.T. : 8.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



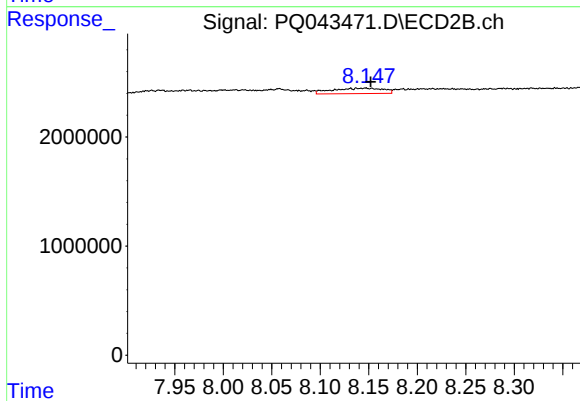
#31 AR-1260-1

R.T.: 7.964 min
Delta R.T.: 0.013 min
Response: 704201
Conc: 12.13 ng/ml



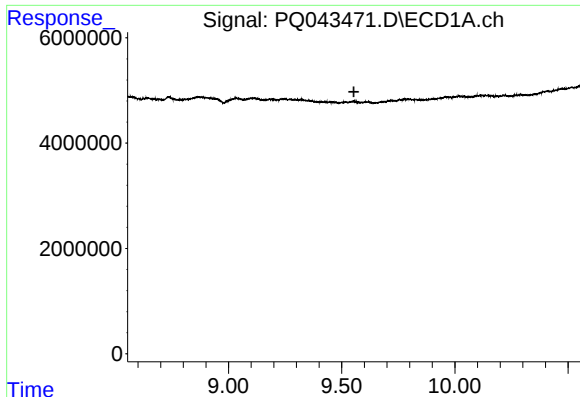
#32 AR-1260-2

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



#32 AR-1260-2

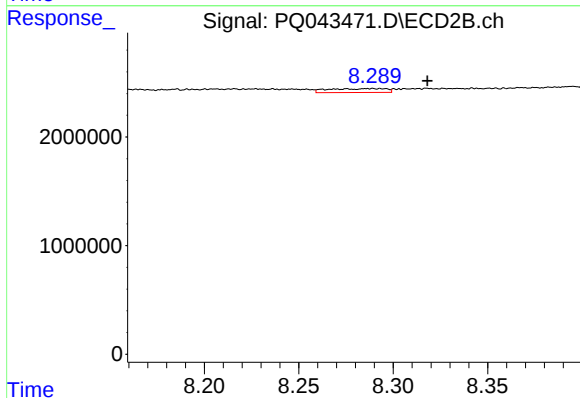
R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 1817733
Conc: 23.78 ng/ml



#33 AR-1260-3

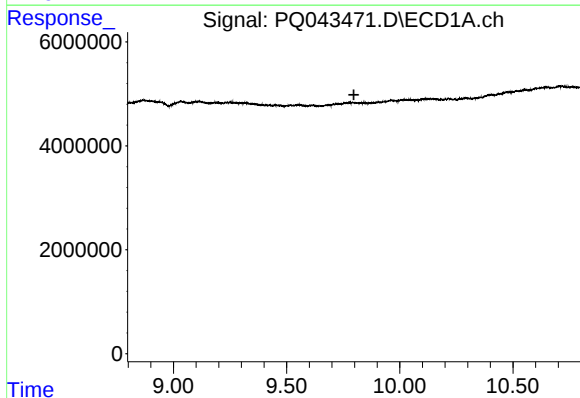
R.T.: 0.000 min
Exp R.T.: 9.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



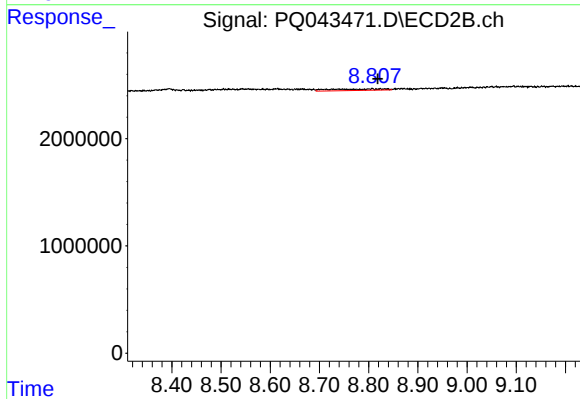
#33 AR-1260-3

R.T.: 8.289 min
Delta R.T.: -0.029 min
Response: 768414
Conc: 10.96 ng/ml



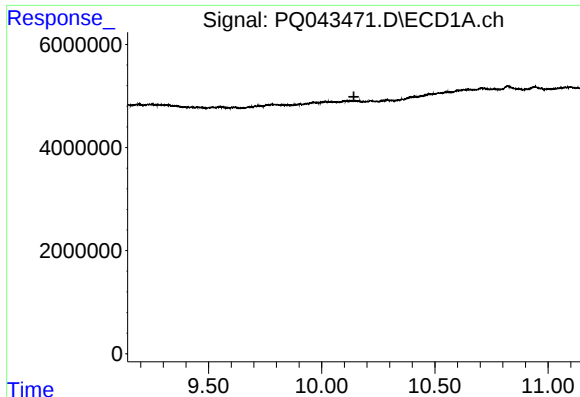
#34 AR-1260-4

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



#34 AR-1260-4

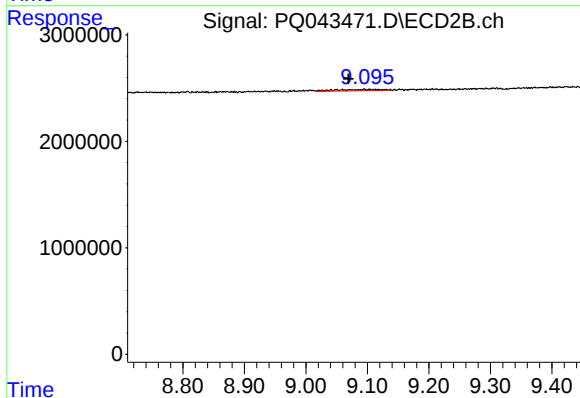
R.T.: 8.807 min
Delta R.T.: -0.012 min
Response: 1067072
Conc: 16.19 ng/ml



#35 AR-1260-5

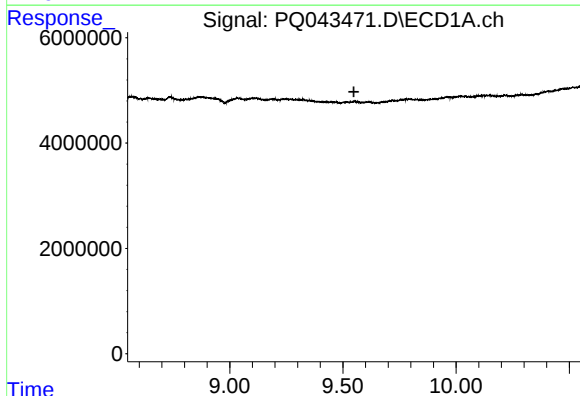
R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



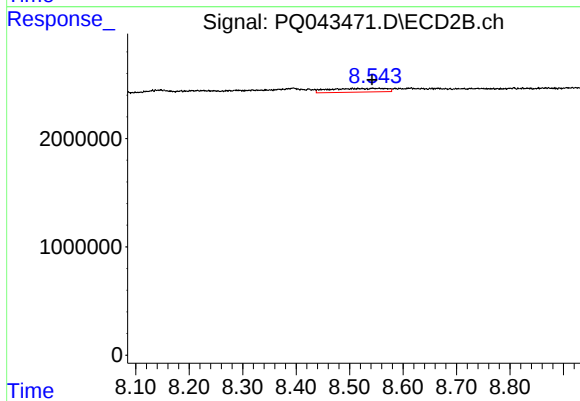
#35 AR-1260-5

R.T.: 9.094 min
Delta R.T.: 0.025 min
Response: 657662
Conc: 3.50 ng/ml



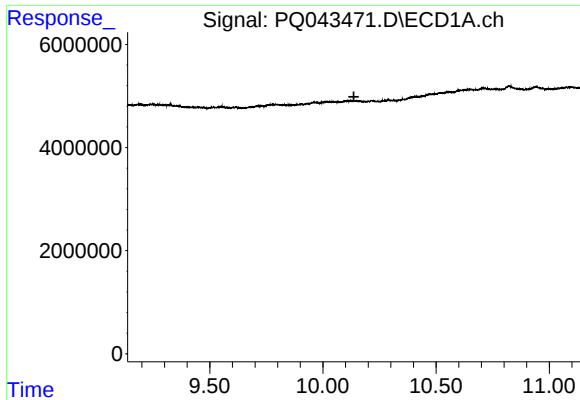
#36 AR-1262-1

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



#36 AR-1262-1

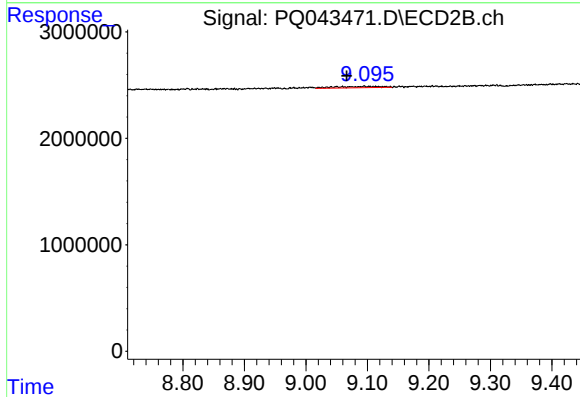
R.T.: 8.555 min
Delta R.T.: 0.013 min
Response: 2524216
Conc: 25.53 ng/ml



#37 AR-1262-2

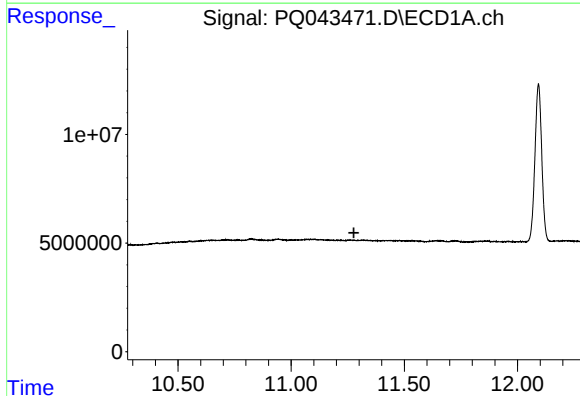
R.T.: 0.000 min
Exp R.T. : 10.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



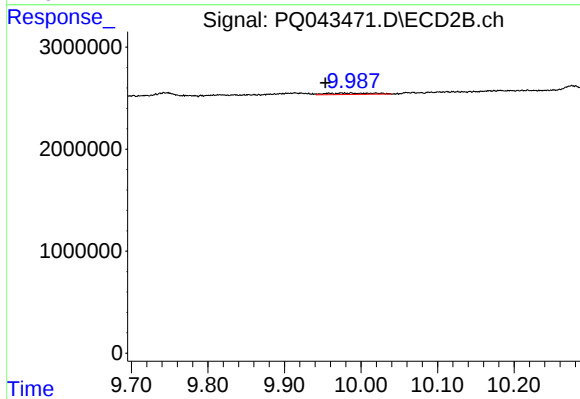
#37 AR-1262-2

R.T.: 9.094 min
Delta R.T.: 0.028 min
Response: 657662
Conc: 2.94 ng/ml



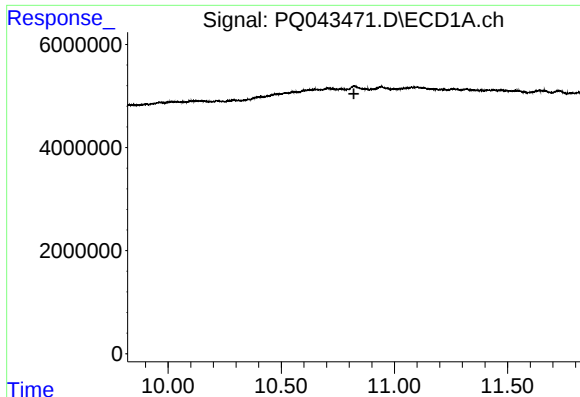
#40 AR-1262-5

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



#40 AR-1262-5

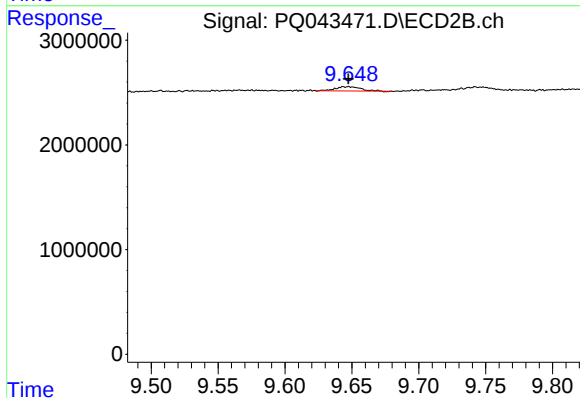
R.T.: 9.981 min
Delta R.T.: 0.027 min
Response: 582180
Conc: 3.77 ng/ml



#43 AR-1268-3

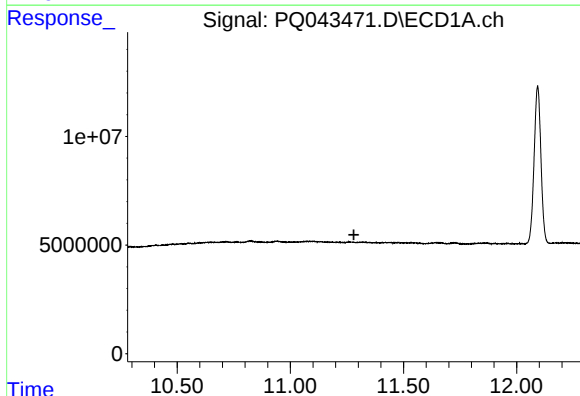
R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



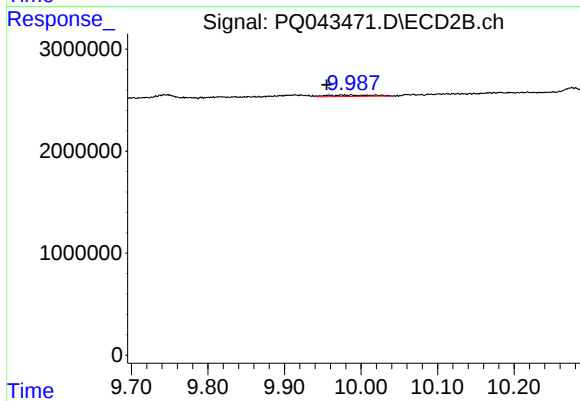
#43 AR-1268-3

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 532198
Conc: 1.88 ng/ml



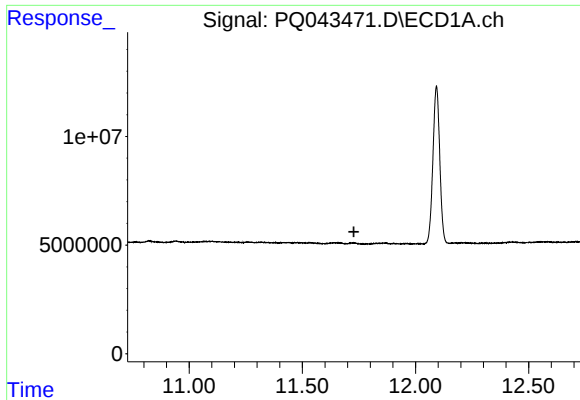
#44 AR-1268-4

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



#44 AR-1268-4

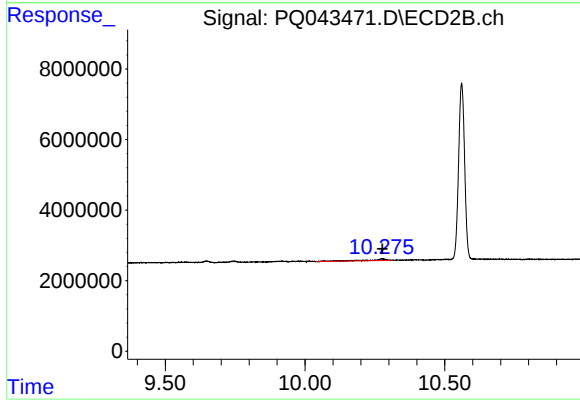
R.T.: 9.981 min
Delta R.T.: 0.025 min
Response: 582180
Conc: 3.58 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 2267598
Conc: 1.81 ng/ml