

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051120\
 Data File : PQ047663.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2020 12:08
 Operator : AJ\MA
 Sample : L2182-09
 Misc : AR1254 25PPB MDL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 03:00:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 06 16:27:16 2020
 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...	5.104	4.261	348.0E6	59677143	18.135	18.129
2)	SA Decachlor...	11.177	9.643	434.2E6	63781830	19.964	19.553
Target Compounds							
3)	L1 AR-1016-1	6.443	5.554	3487707	930636	5.049	7.850 #
4)	L1 AR-1016-2	6.443	5.554	3487707	930636	3.602	5.860 #
5)	L1 AR-1016-3	6.505	5.797	4068130	1245802	6.970	14.968 #
6)	L1 AR-1016-4	0.000	5.797	0	1245802	N.D.	18.856 #
7)	L1 AR-1016-5	6.932	6.031	7634671	2114137	15.897	23.691 #
8)	L2 AR-1221-1	0.000	4.464	0	71746	N.D.	2.088 #
9)	L2 AR-1221-2	5.456	4.622	6813849	1261827	42.361	47.243
10)	L2 AR-1221-3	0.000	4.712	0	426977	N.D.	5.234 #
11)	L3 AR-1232-1	0.000	4.712	0	426977	N.D.	6.689 #
12)	L3 AR-1232-2	6.107	5.554	12374953	930636	62.714	14.300 #
13)	L3 AR-1232-3	6.443	5.797	3487707	1245802	8.686	37.067 #
14)	L3 AR-1232-4	0.000	5.842	0	390782	N.D.	13.334 #
15)	L3 AR-1232-5	6.713	6.031	8545701	2114137	55.138	61.189
16)	L4 AR-1242-1	6.443	5.554	3487707	930636	6.278	9.645 #
17)	L4 AR-1242-2	6.443	5.554	3487707	930636	4.338	7.053 #
18)	L4 AR-1242-3	6.505	5.797	4068130	1245802	8.487	17.849 #
19)	L4 AR-1242-4	0.000	5.842	0	390782	N.D.	5.912 #
20)	L4 AR-1242-5	7.400	6.412	7078734	3063709	15.190	32.988 #
21)	L5 AR-1248-1	6.443	5.554	3487707	930636	9.008	13.974 #
22)	L5 AR-1248-2	6.713	5.797	8545701	1245802	16.498	14.910
23)	L5 AR-1248-3	6.932	5.842	7634671	390782	13.263	4.582 #
24)	L5 AR-1248-4	7.359	6.031	14193175	2114137	20.668	20.148
25)	L5 AR-1248-5	7.400	6.442	7078734	790611	10.915	7.496 #
26)	L6 AR-1254-1	7.330	6.412	24147031	3063709	34.481	17.609 #
27)	L6 AR-1254-2	7.558	6.570	25215885	2727294	23.121	18.064
28)	L6 AR-1254-3	7.940	6.996	28937934	4544310	24.871	18.720
29)	L6 AR-1254-4	8.235	7.235	26008040	2873627	26.919	18.399 #
30)	L6 AR-1254-5	8.664	7.666	21006127	3596121	21.456	17.182
31)	L7 AR-1260-1	8.108	7.132	16573519	2285226	19.152	14.486
32)	L7 AR-1260-2	8.371	7.326	19842621	2099306	17.446	10.678 #
33)	L7 AR-1260-3	8.694	7.485	3555652	1813700	3.663	9.920 #
34)	L7 AR-1260-4	8.964	8.010	7719983	903213	7.951	5.986
35)	L7 AR-1260-5	9.307	8.195	3327727	1005434	1.464	2.594 #
36)	L8 AR-1262-1	8.694	7.666	3555652	3596121	2.573	32.465 #
37)	L8 AR-1262-2	9.307	8.195	3327727	1005434	1.286	2.385 #
38)	L8 AR-1262-3	9.646	8.567	2583047	1029936	1.487	6.393 #
39)	L8 AR-1262-4	0.000	8.567	0	1029936	N.D.	3.365 #
41)	L9 AR-1268-1	9.646	8.567	2583047	1029936	0.719	1.872 #
42)	L9 AR-1268-2	0.000	8.567	0	1029936	N.D.	2.025 #

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 03:00:49 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 06 16:27:16 2020
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
43) L9	AR-1268-3	9.960	8.777	3684110	597967	1.323	1.443
45) L9	AR-1268-5	10.832	9.379	4375255	1444448	0.548	1.106 #

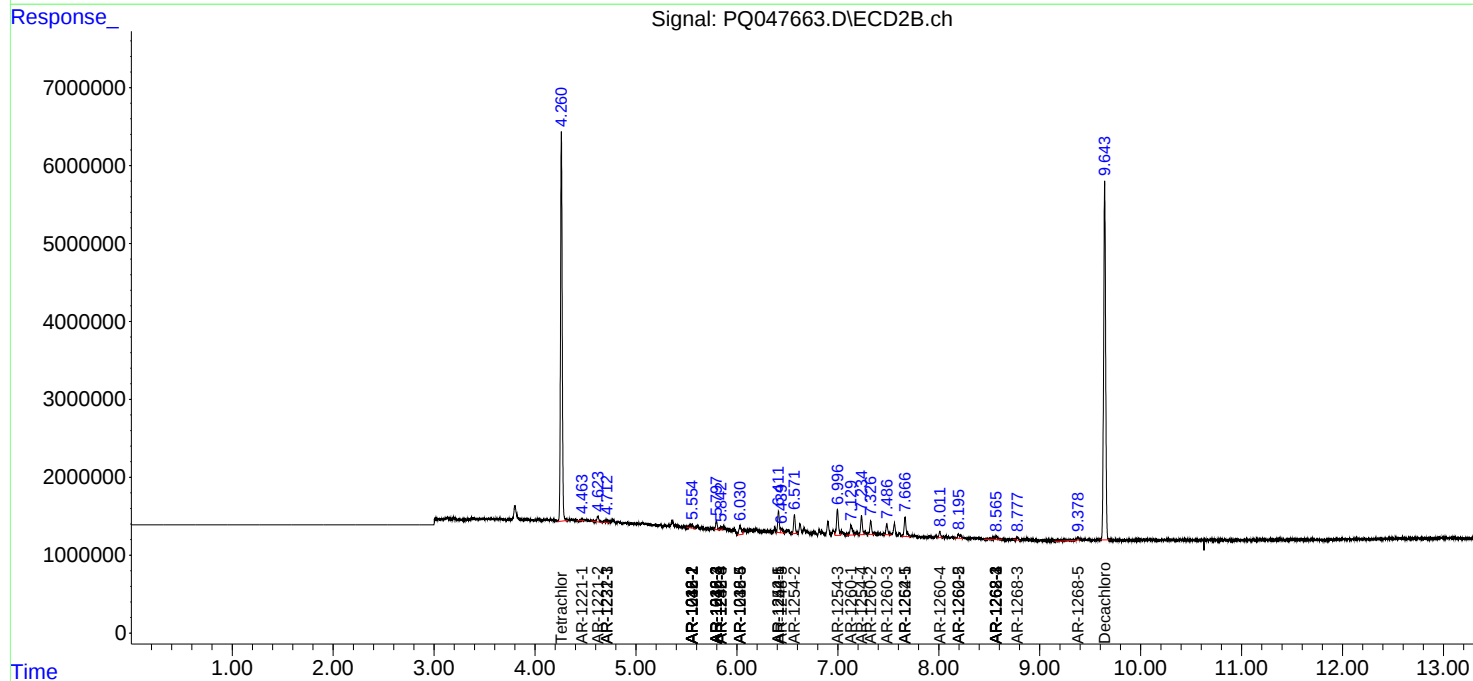
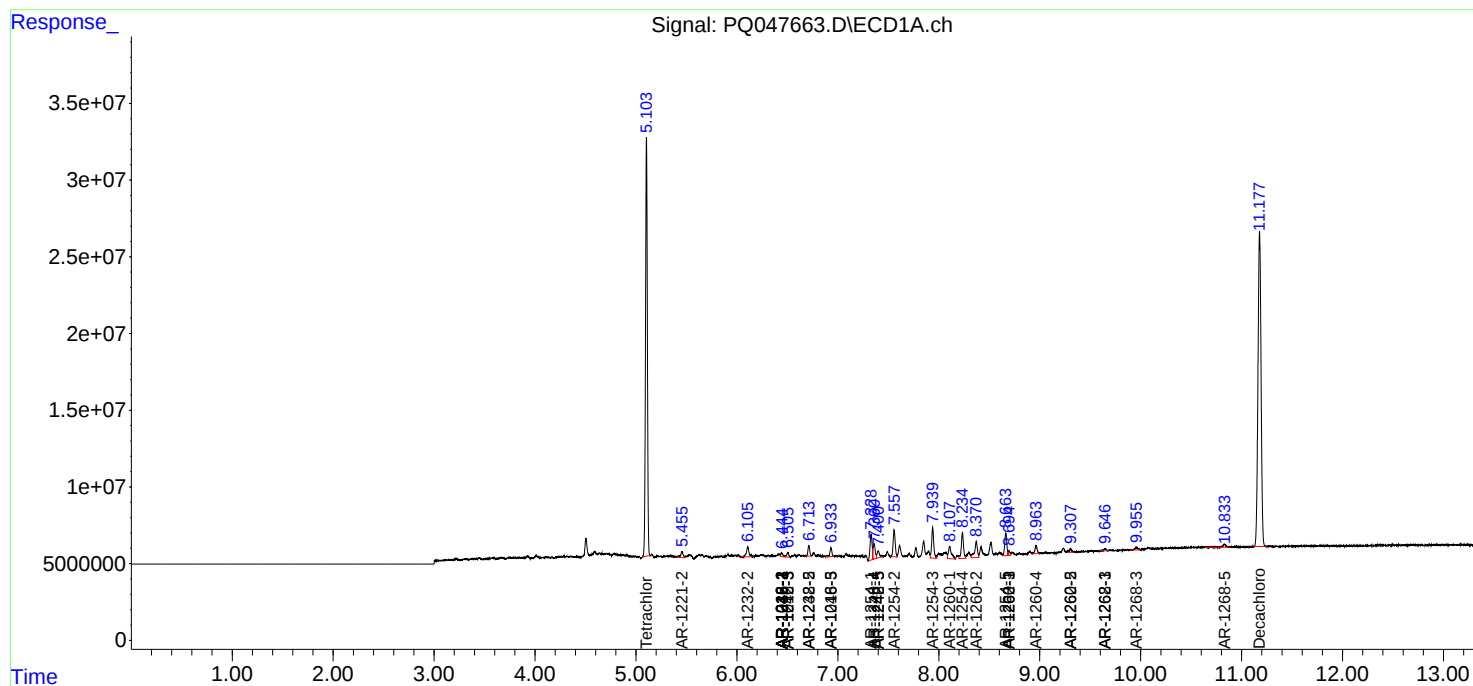
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

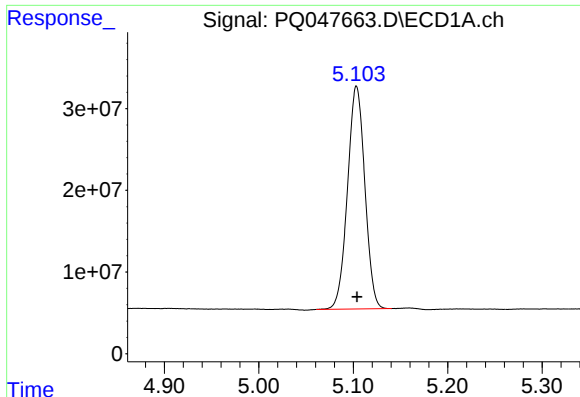
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051120\
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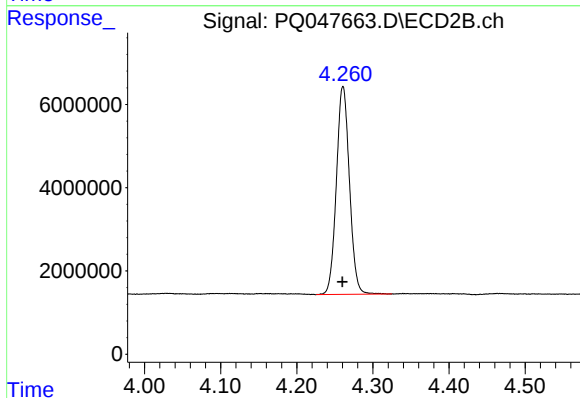




#1 Tetrachloro-m-xylene

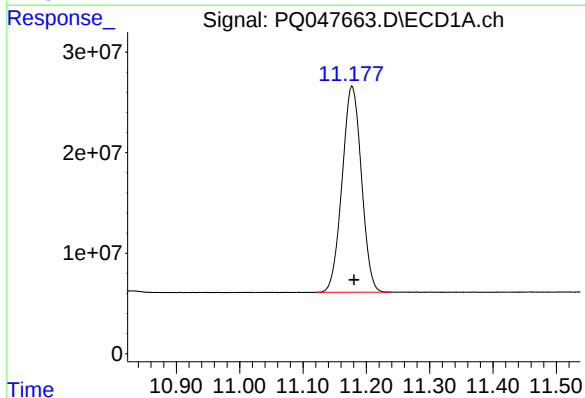
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 348026800
Conc: 18.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



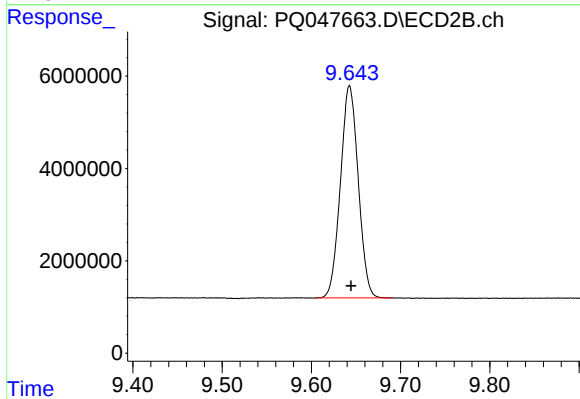
#1 Tetrachloro-m-xylene

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 59677143
Conc: 18.13 ng/ml



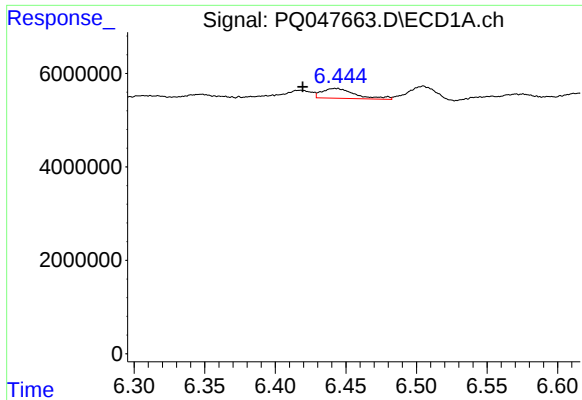
#2 Decachlorobiphenyl

R.T.: 11.177 min
Delta R.T.: -0.003 min
Response: 434178067
Conc: 19.96 ng/ml



#2 Decachlorobiphenyl

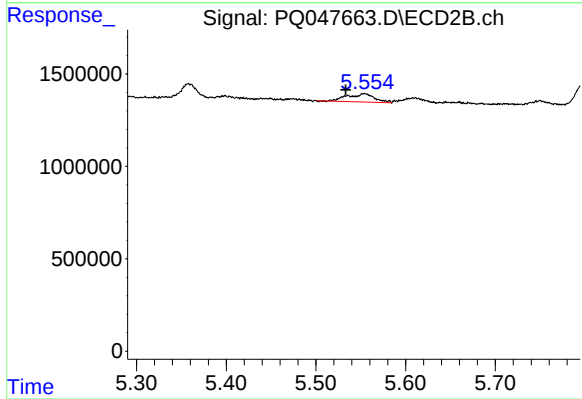
R.T.: 9.643 min
Delta R.T.: -0.002 min
Response: 63781830
Conc: 19.55 ng/ml



#3 AR-1016-1

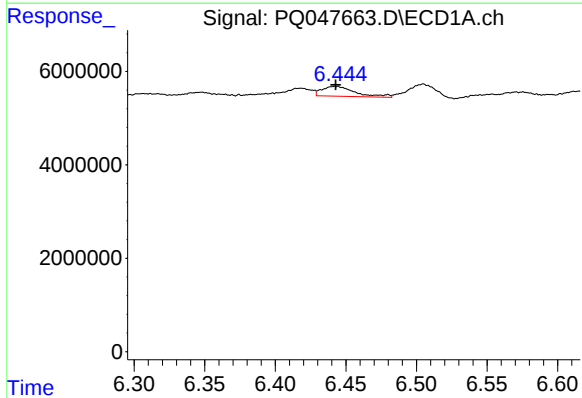
R.T.: 6.443 min
Delta R.T.: 0.023 min
Response: 3487707
Conc: 5.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



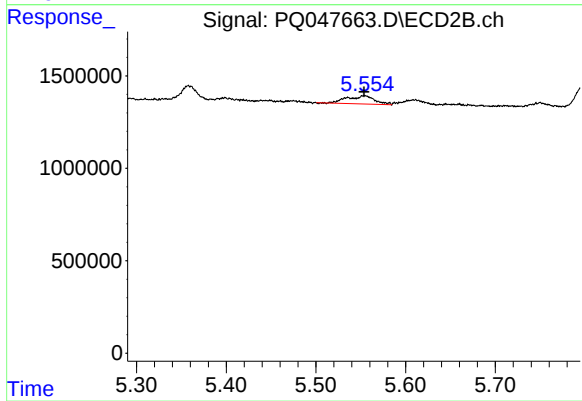
#3 AR-1016-1

R.T.: 5.554 min
Delta R.T.: 0.020 min
Response: 930636
Conc: 7.85 ng/ml



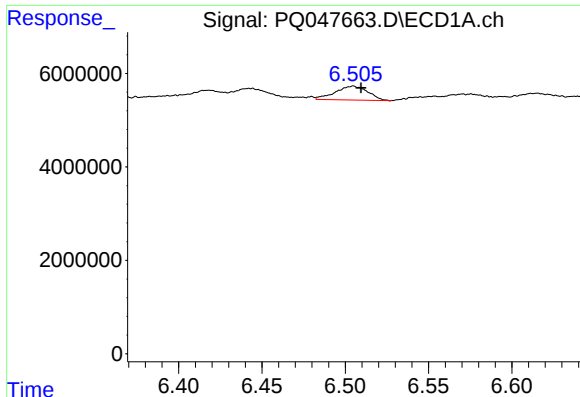
#4 AR-1016-2

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 3487707
Conc: 3.60 ng/ml



#4 AR-1016-2

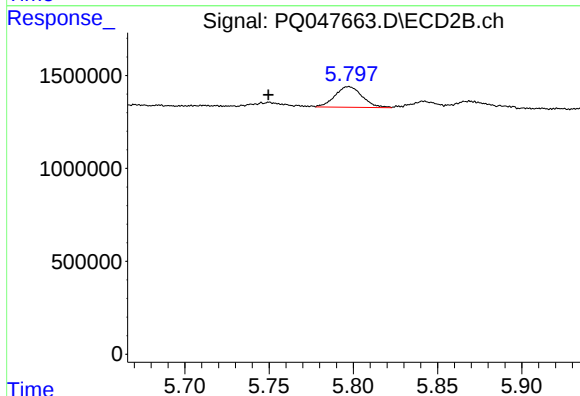
R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 930636
Conc: 5.86 ng/ml



#5 AR-1016-3

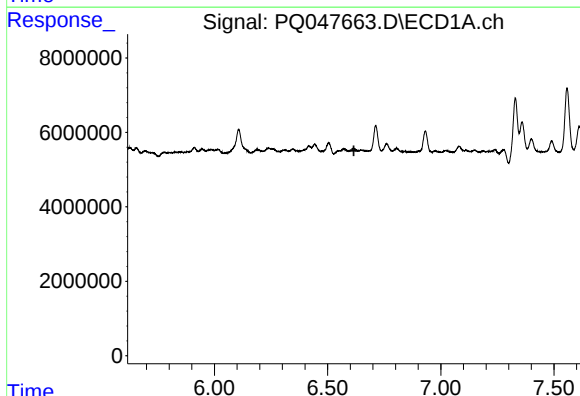
R.T.: 6.505 min
Delta R.T.: -0.005 min
Response: 4068130
Conc: 6.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



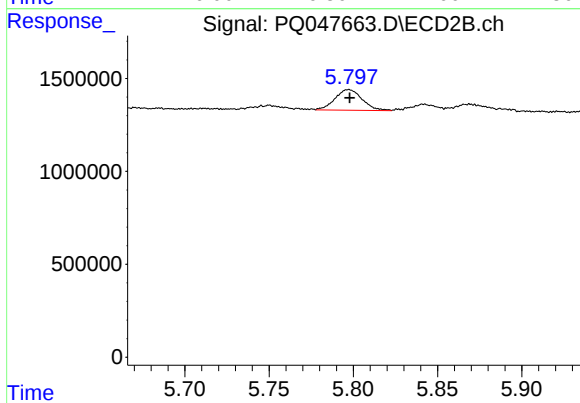
#5 AR-1016-3

R.T.: 5.797 min
Delta R.T.: 0.048 min
Response: 1245802
Conc: 14.97 ng/ml



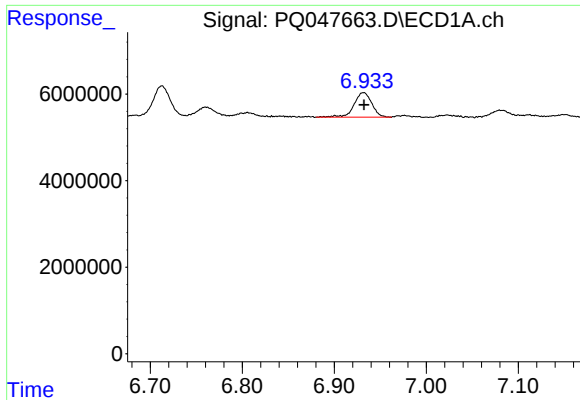
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.616 min
Response: 0
Conc: N.D.



#6 AR-1016-4

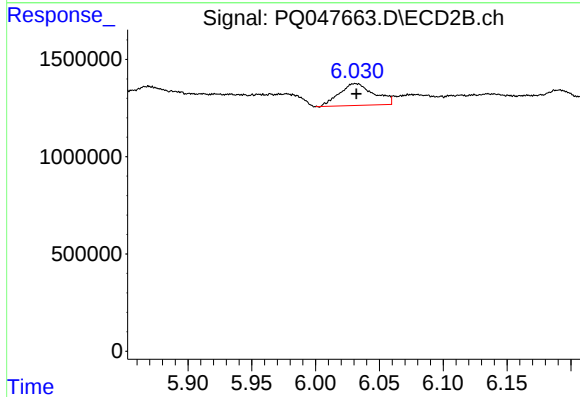
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 1245802
Conc: 18.86 ng/ml



#7 AR-1016-5

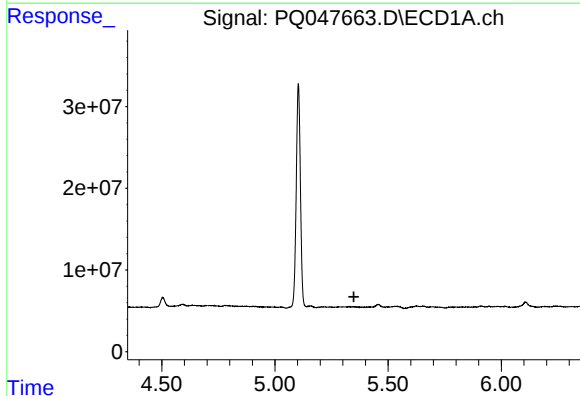
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 7634671
Conc: 15.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



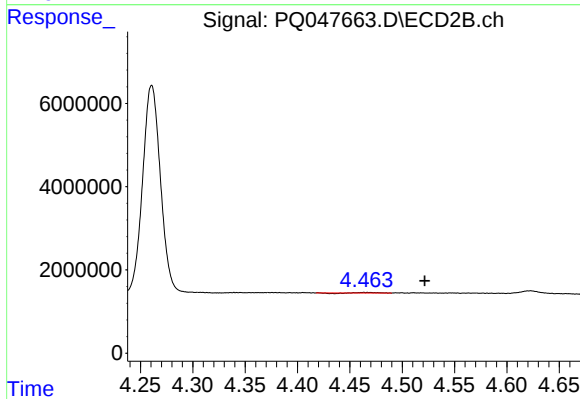
#7 AR-1016-5

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2114137
Conc: 23.69 ng/ml



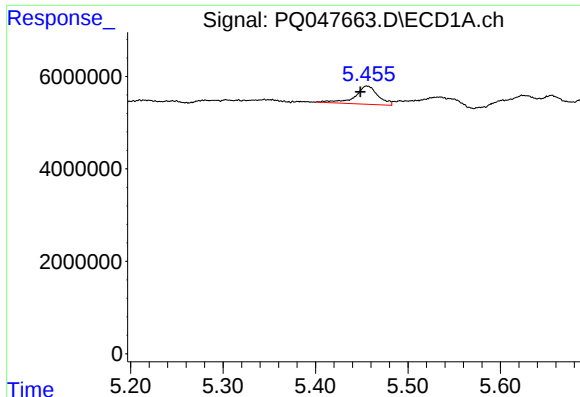
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.349 min
Response: 0
Conc: N.D.



#8 AR-1221-1

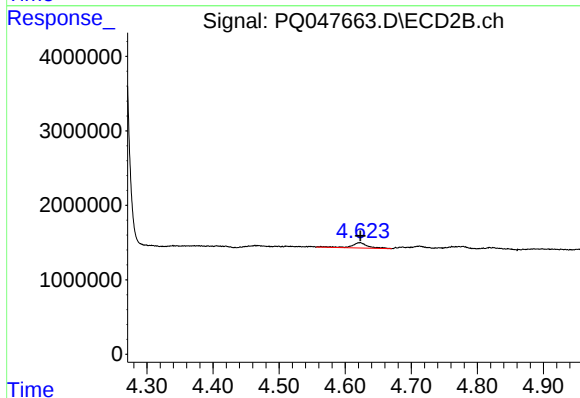
R.T.: 4.464 min
Delta R.T.: -0.058 min
Response: 71746
Conc: 2.09 ng/ml



#9 AR-1221-2

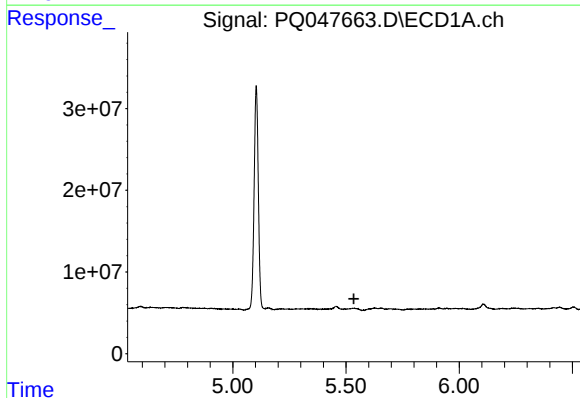
R.T.: 5.456 min
Delta R.T.: 0.007 min
Response: 6813849
Conc: 42.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



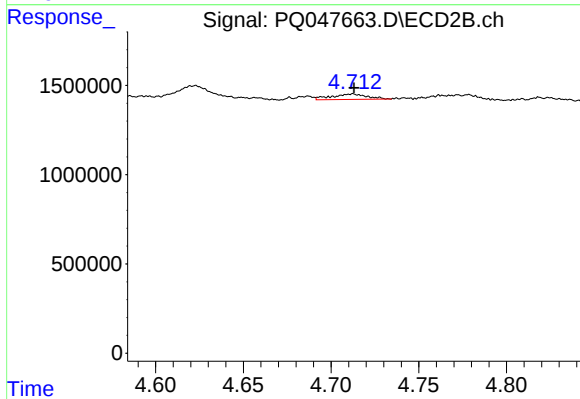
#9 AR-1221-2

R.T.: 4.622 min
Delta R.T.: 0.000 min
Response: 1261827
Conc: 47.24 ng/ml



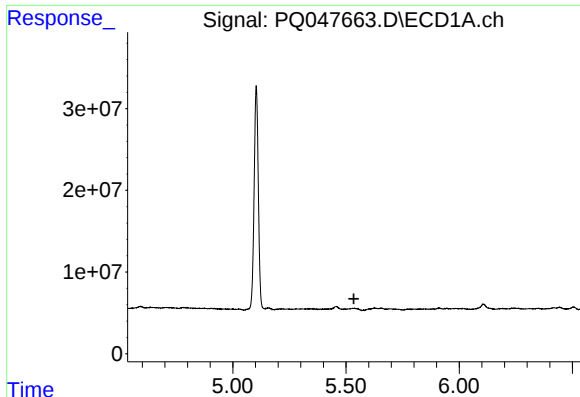
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.535 min
Response: 0
Conc: N.D.



#10 AR-1221-3

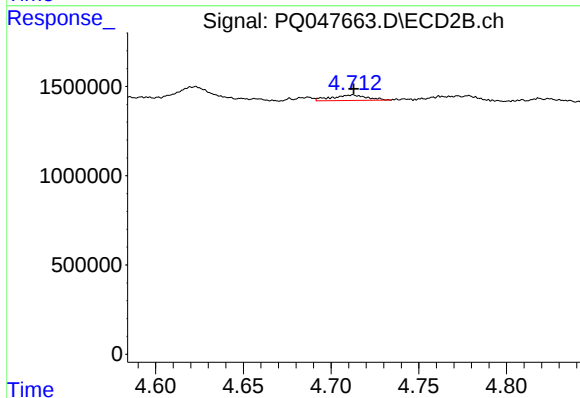
R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 426977
Conc: 5.23 ng/ml



#11 AR-1232-1

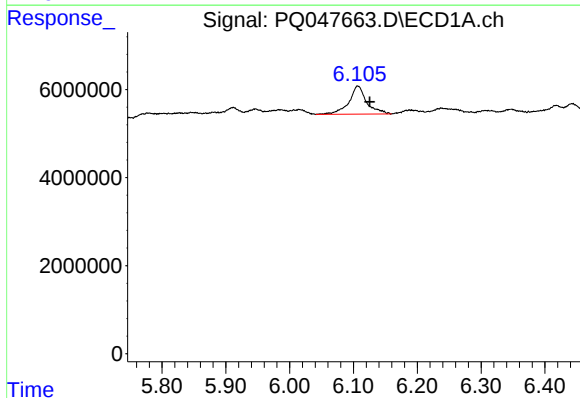
R.T.: 0.000 min
Exp R.T.: 5.535 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



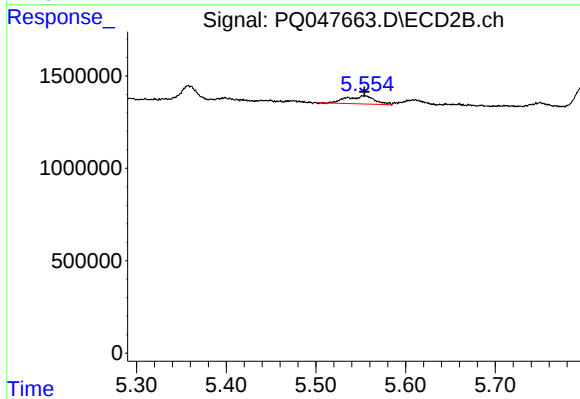
#11 AR-1232-1

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 426977
Conc: 6.69 ng/ml



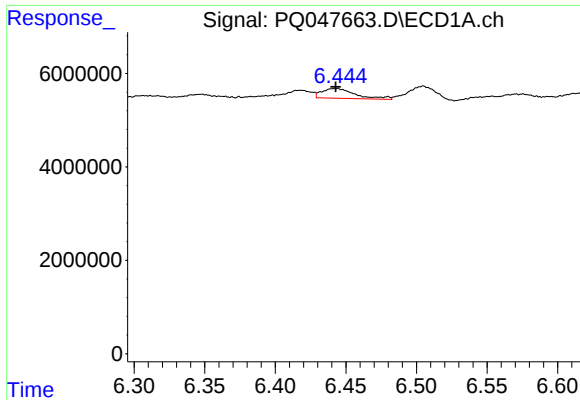
#12 AR-1232-2

R.T.: 6.107 min
Delta R.T.: -0.019 min
Response: 12374953
Conc: 62.71 ng/ml



#12 AR-1232-2

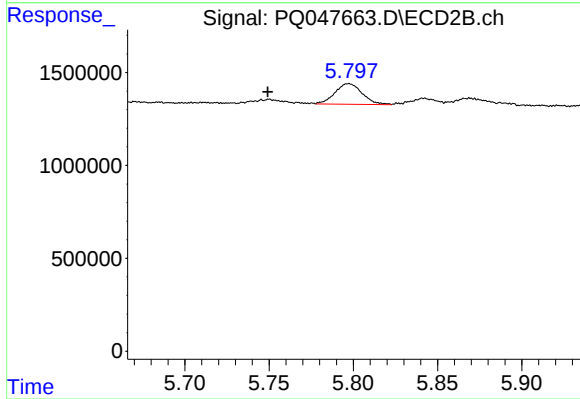
R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 930636
Conc: 14.30 ng/ml



#13 AR-1232-3

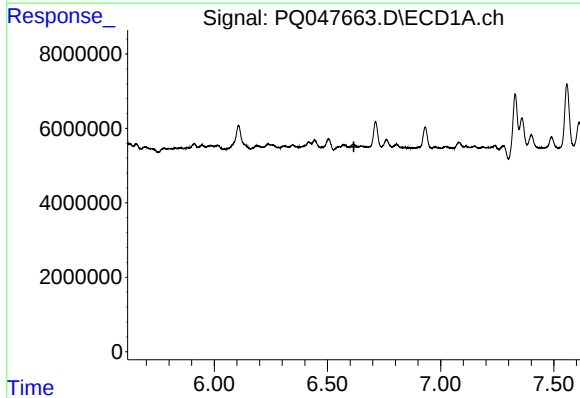
R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 3487707
Conc: 8.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



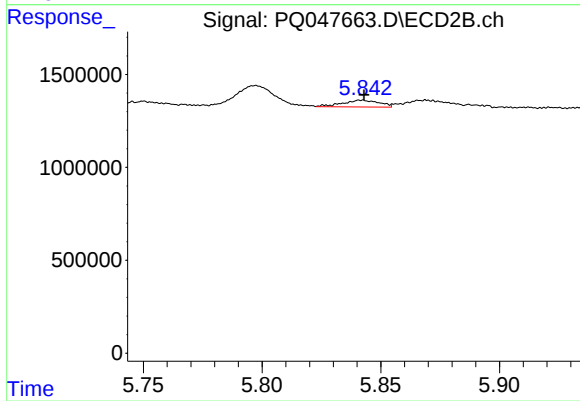
#13 AR-1232-3

R.T.: 5.797 min
Delta R.T.: 0.048 min
Response: 1245802
Conc: 37.07 ng/ml



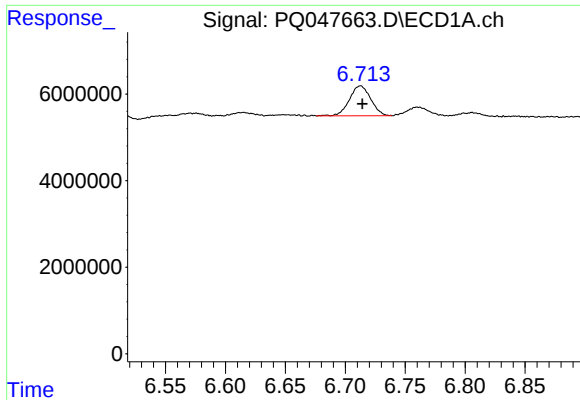
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.617 min
Response: 0
Conc: N.D.



#14 AR-1232-4

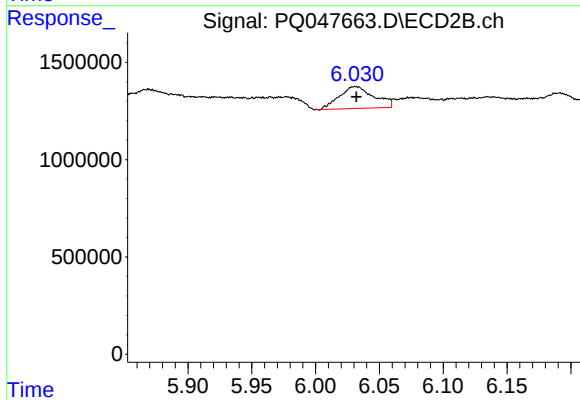
R.T.: 5.842 min
Delta R.T.: -0.001 min
Response: 390782
Conc: 13.33 ng/ml



#15 AR-1232-5

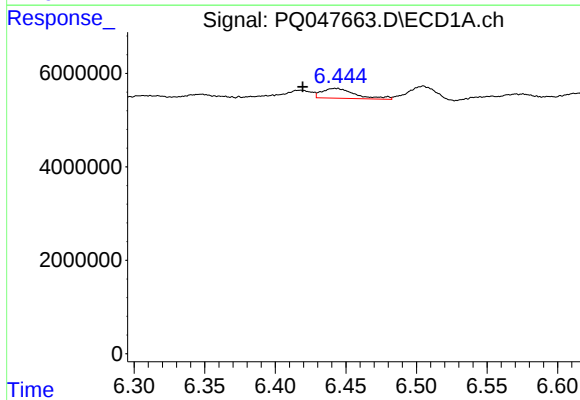
R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 8545701
Conc: 55.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



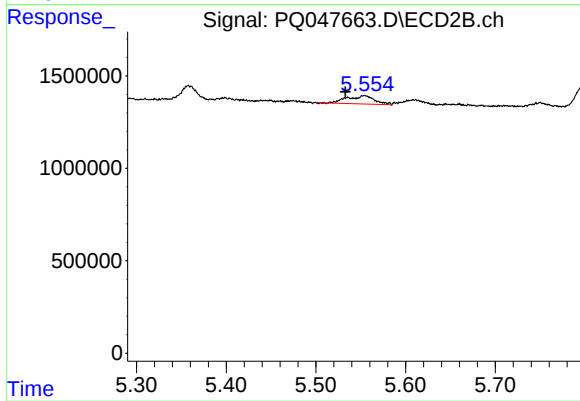
#15 AR-1232-5

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2114137
Conc: 61.19 ng/ml



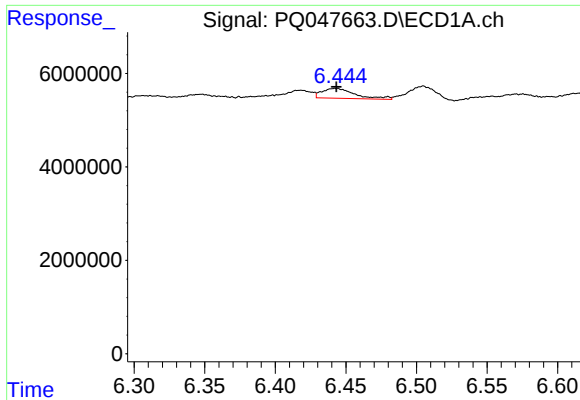
#16 AR-1242-1

R.T.: 6.443 min
Delta R.T.: 0.023 min
Response: 3487707
Conc: 6.28 ng/ml



#16 AR-1242-1

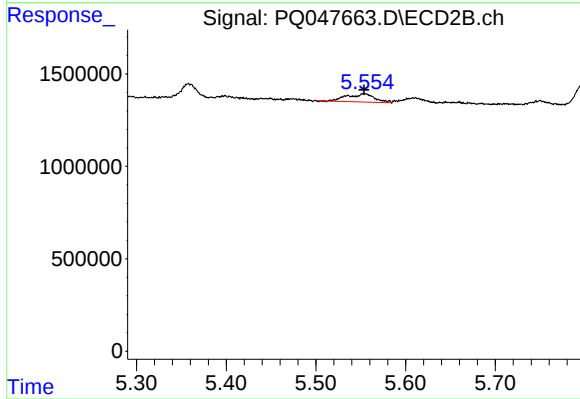
R.T.: 5.554 min
Delta R.T.: 0.021 min
Response: 930636
Conc: 9.64 ng/ml



#17 AR-1242-2

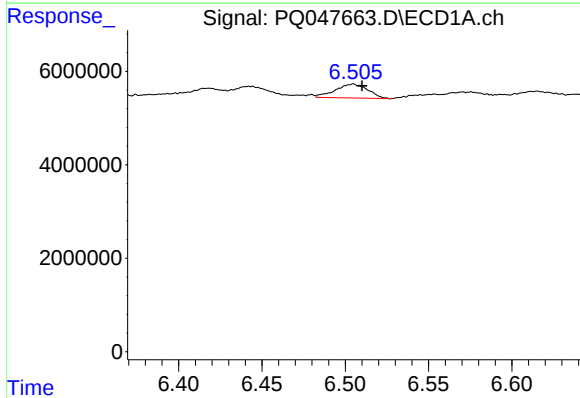
R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 3487707
Conc: 4.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



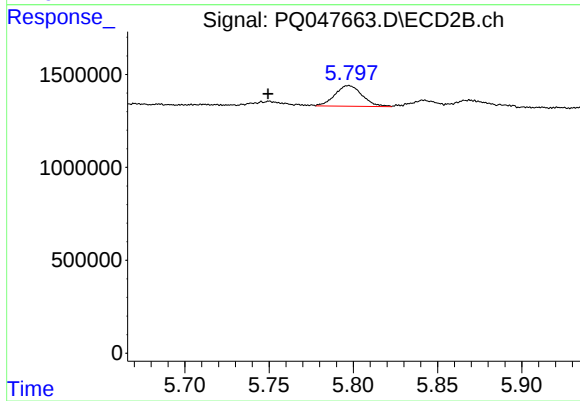
#17 AR-1242-2

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 930636
Conc: 7.05 ng/ml



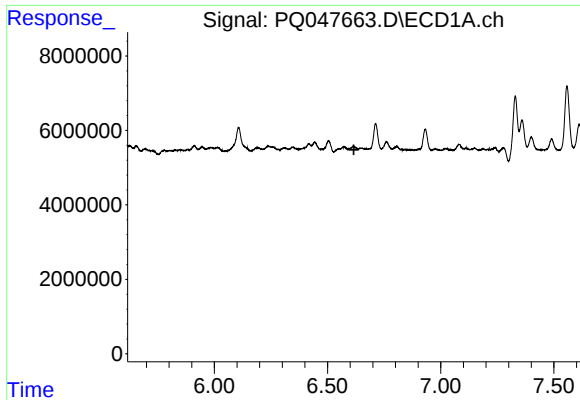
#18 AR-1242-3

R.T.: 6.505 min
Delta R.T.: -0.006 min
Response: 4068130
Conc: 8.49 ng/ml



#18 AR-1242-3

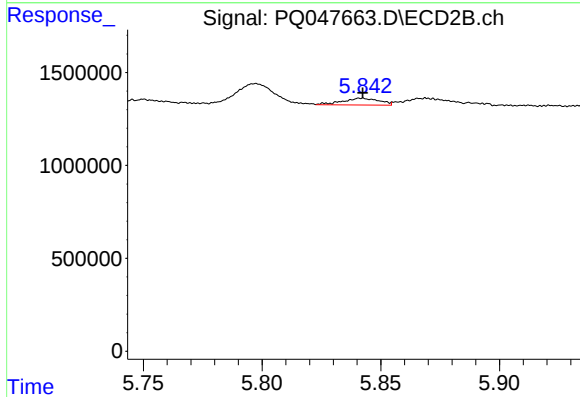
R.T.: 5.797 min
Delta R.T.: 0.048 min
Response: 1245802
Conc: 17.85 ng/ml



#19 AR-1242-4

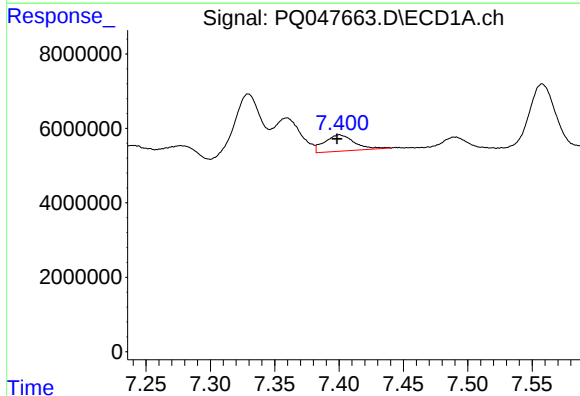
R.T.: 0.000 min
Exp R.T.: 6.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



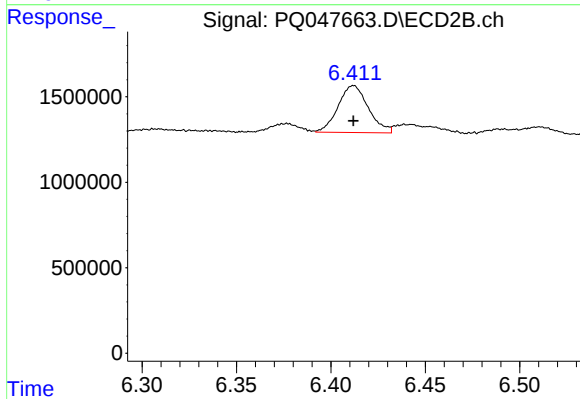
#19 AR-1242-4

R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 390782
Conc: 5.91 ng/ml



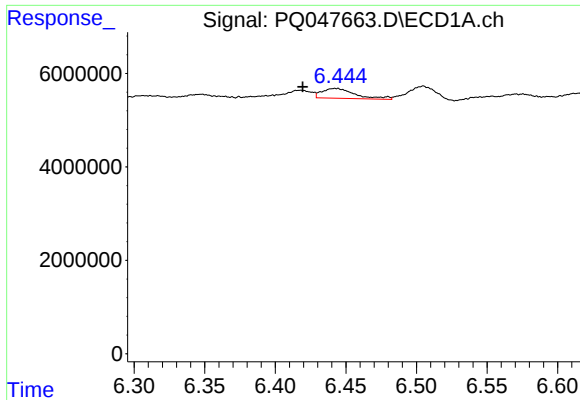
#20 AR-1242-5

R.T.: 7.400 min
Delta R.T.: 0.002 min
Response: 7078734
Conc: 15.19 ng/ml



#20 AR-1242-5

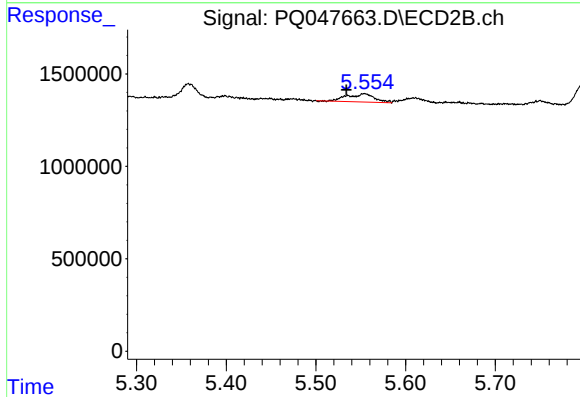
R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 3063709
Conc: 32.99 ng/ml



#21 AR-1248-1

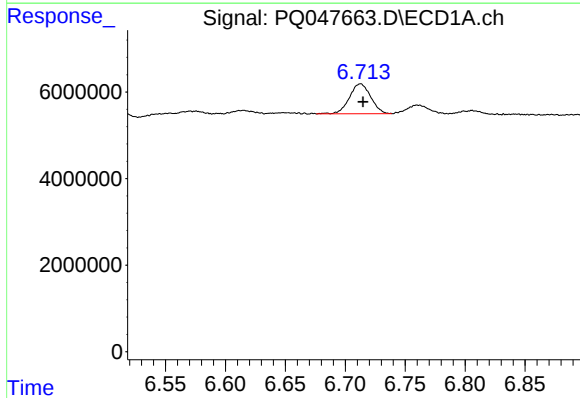
R.T.: 6.443 min
Delta R.T.: 0.023 min
Response: 3487707
Conc: 9.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



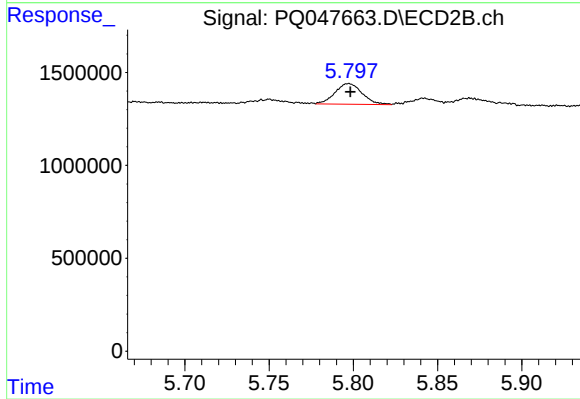
#21 AR-1248-1

R.T.: 5.554 min
Delta R.T.: 0.020 min
Response: 930636
Conc: 13.97 ng/ml



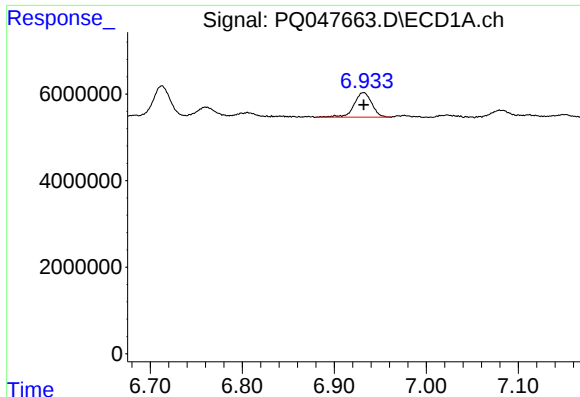
#22 AR-1248-2

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 8545701
Conc: 16.50 ng/ml



#22 AR-1248-2

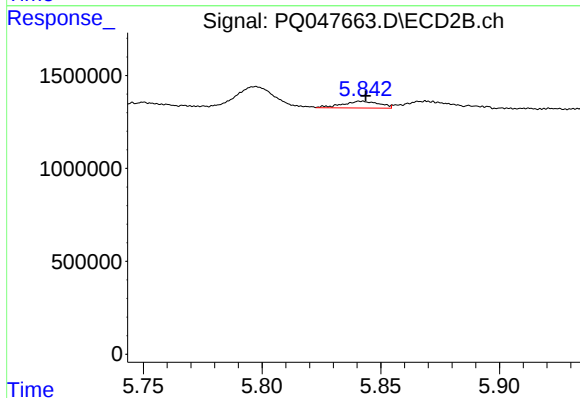
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 1245802
Conc: 14.91 ng/ml



#23 AR-1248-3

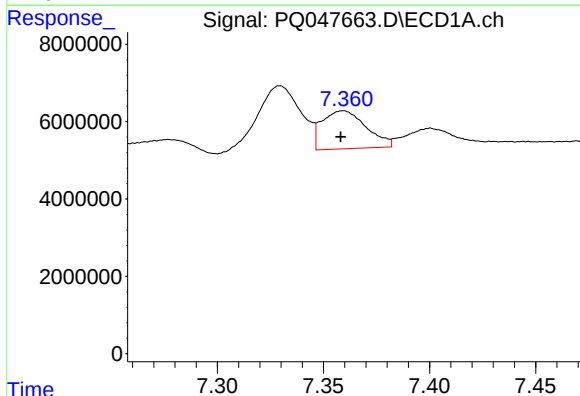
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 7634671
Conc: 13.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



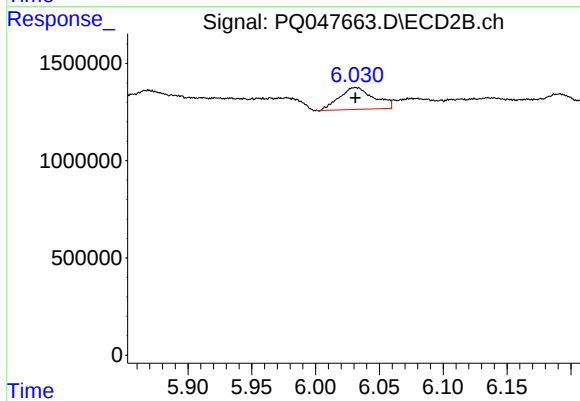
#23 AR-1248-3

R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 390782
Conc: 4.58 ng/ml



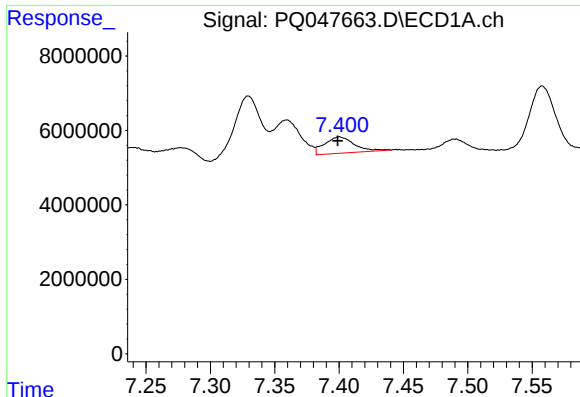
#24 AR-1248-4

R.T.: 7.359 min
Delta R.T.: 0.001 min
Response: 14193175
Conc: 20.67 ng/ml



#24 AR-1248-4

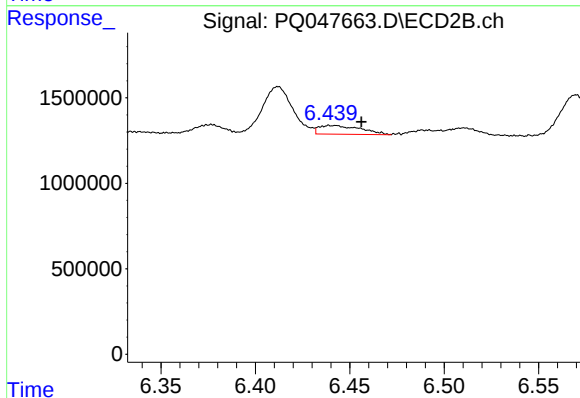
R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2114137
Conc: 20.15 ng/ml



#25 AR-1248-5

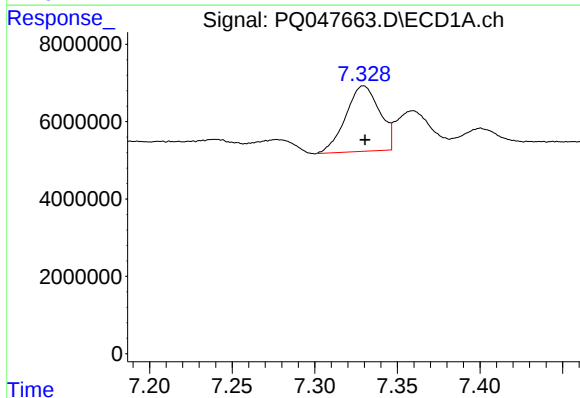
R.T.: 7.400 min
Delta R.T.: 0.001 min
Response: 7078734
Conc: 10.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



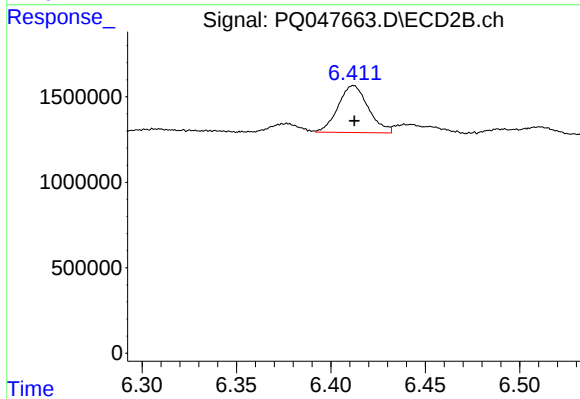
#25 AR-1248-5

R.T.: 6.442 min
Delta R.T.: -0.015 min
Response: 790611
Conc: 7.50 ng/ml



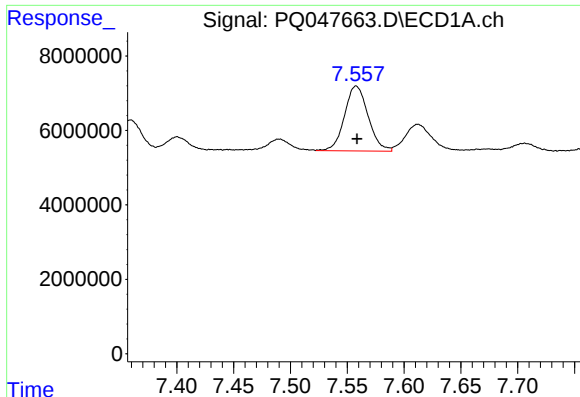
#26 AR-1254-1

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 24147031
Conc: 34.48 ng/ml



#26 AR-1254-1

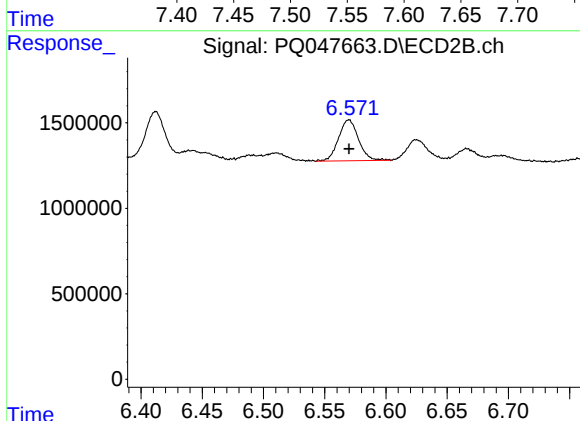
R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 3063709
Conc: 17.61 ng/ml



#27 AR-1254-2

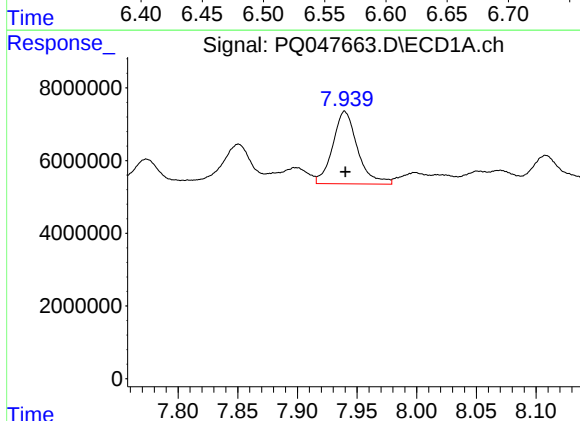
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 25215885
Conc: 23.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



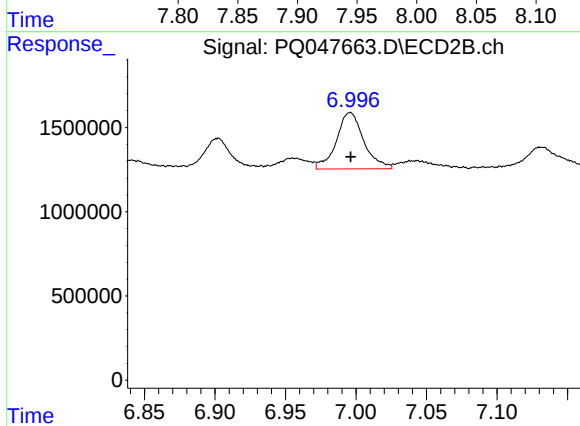
#27 AR-1254-2

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 2727294
Conc: 18.06 ng/ml



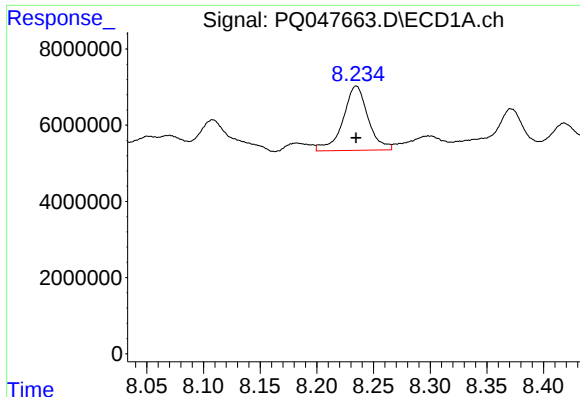
#28 AR-1254-3

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 28937934
Conc: 24.87 ng/ml



#28 AR-1254-3

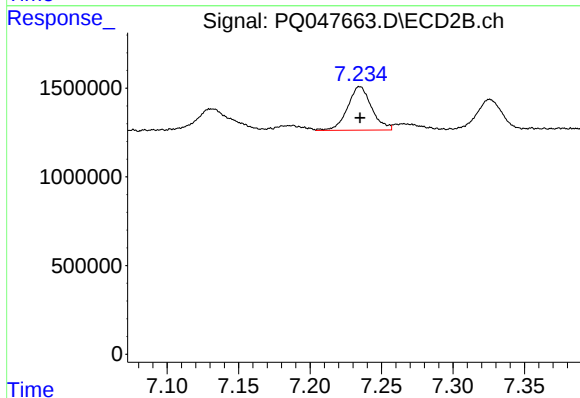
R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 4544310
Conc: 18.72 ng/ml



#29 AR-1254-4

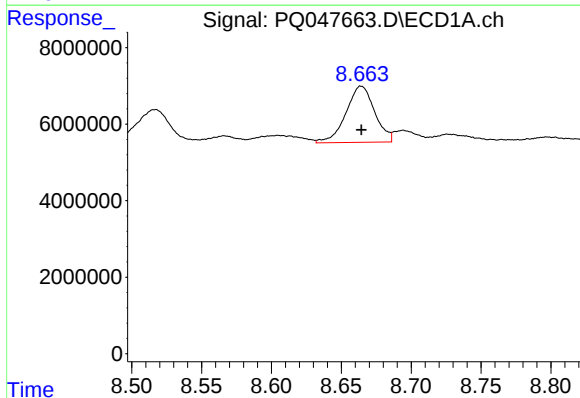
R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 26008040
Conc: 26.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



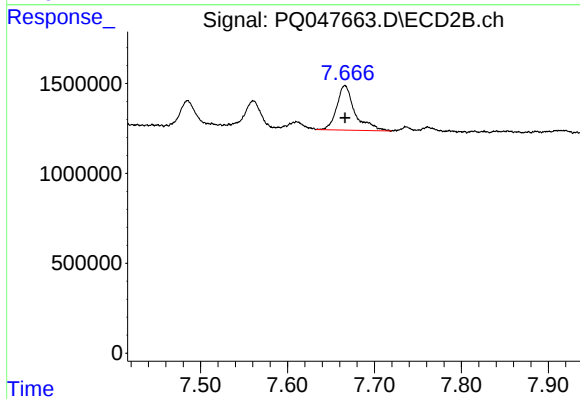
#29 AR-1254-4

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 2873627
Conc: 18.40 ng/ml



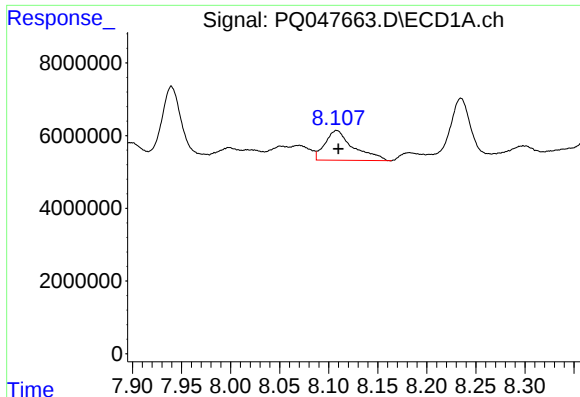
#30 AR-1254-5

R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 21006127
Conc: 21.46 ng/ml



#30 AR-1254-5

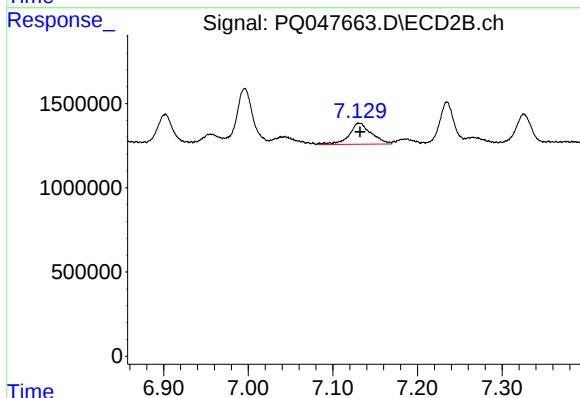
R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 3596121
Conc: 17.18 ng/ml



#31 AR-1260-1

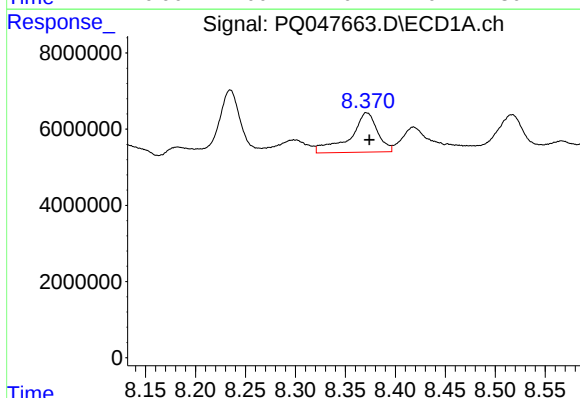
R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 16573519
Conc: 19.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



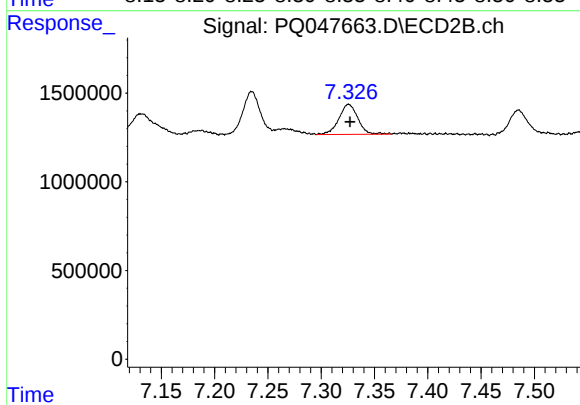
#31 AR-1260-1

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 2285226
Conc: 14.49 ng/ml



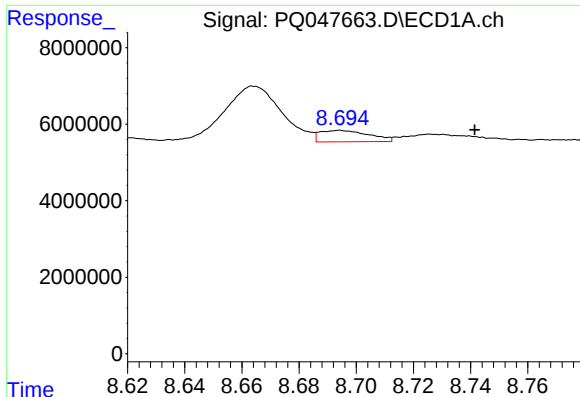
#32 AR-1260-2

R.T.: 8.371 min
Delta R.T.: -0.003 min
Response: 19842621
Conc: 17.45 ng/ml



#32 AR-1260-2

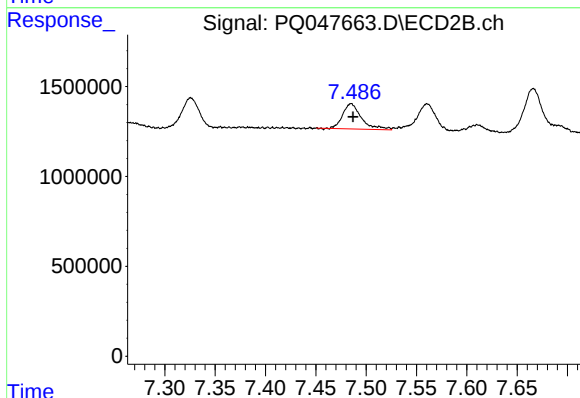
R.T.: 7.326 min
Delta R.T.: -0.001 min
Response: 2099306
Conc: 10.68 ng/ml



#33 AR-1260-3

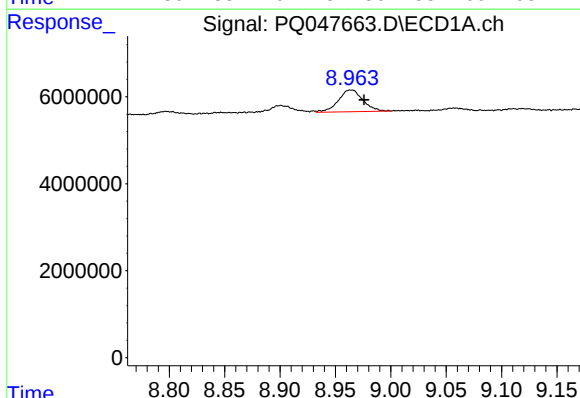
R.T.: 8.694 min
Delta R.T.: -0.047 min
Response: 3555652
Conc: 3.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



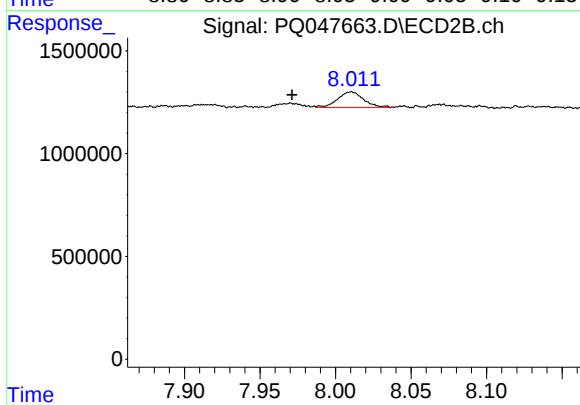
#33 AR-1260-3

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 1813700
Conc: 9.92 ng/ml



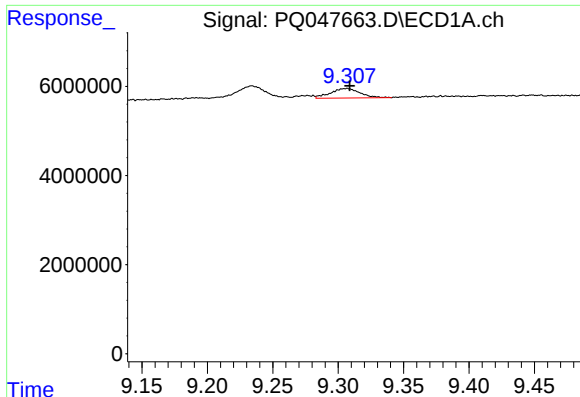
#34 AR-1260-4

R.T.: 8.964 min
Delta R.T.: -0.012 min
Response: 7719983
Conc: 7.95 ng/ml



#34 AR-1260-4

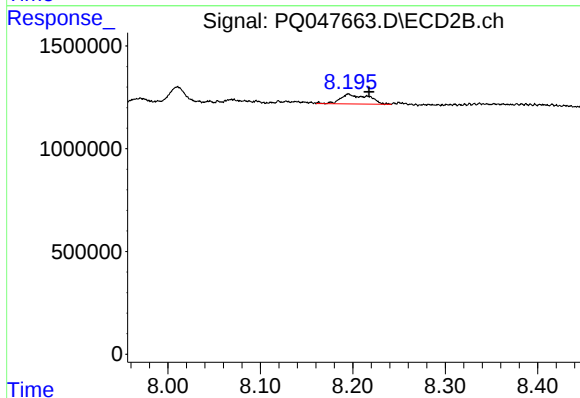
R.T.: 8.010 min
Delta R.T.: 0.039 min
Response: 903213
Conc: 5.99 ng/ml



#35 AR-1260-5

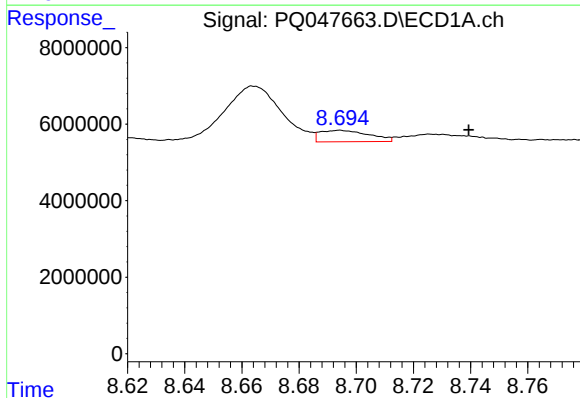
R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 3327727
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



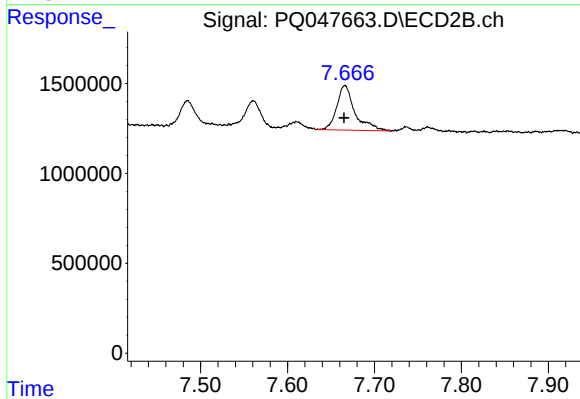
#35 AR-1260-5

R.T.: 8.195 min
Delta R.T.: -0.022 min
Response: 1005434
Conc: 2.59 ng/ml



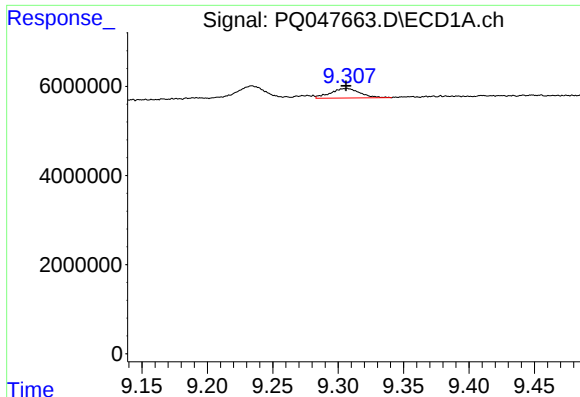
#36 AR-1262-1

R.T.: 8.694 min
Delta R.T.: -0.045 min
Response: 3555652
Conc: 2.57 ng/ml



#36 AR-1262-1

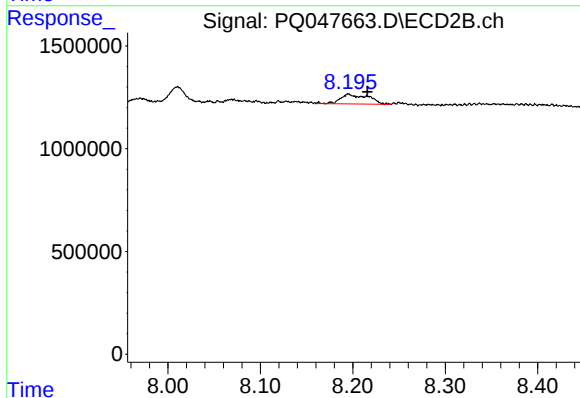
R.T.: 7.666 min
Delta R.T.: 0.001 min
Response: 3596121
Conc: 32.46 ng/ml



#37 AR-1262-2

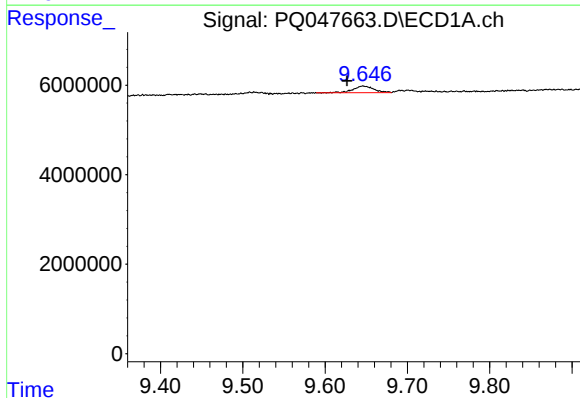
R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 3327727
Conc: 1.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



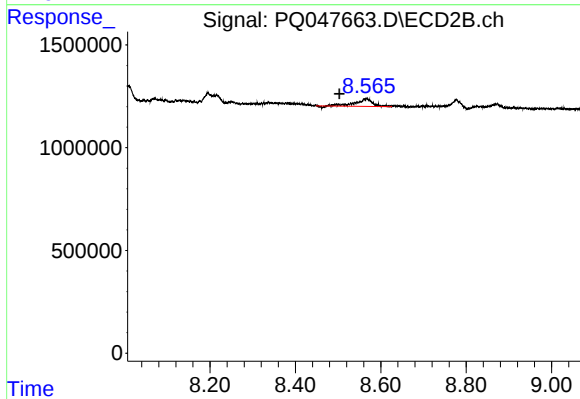
#37 AR-1262-2

R.T.: 8.195 min
Delta R.T.: -0.021 min
Response: 1005434
Conc: 2.38 ng/ml



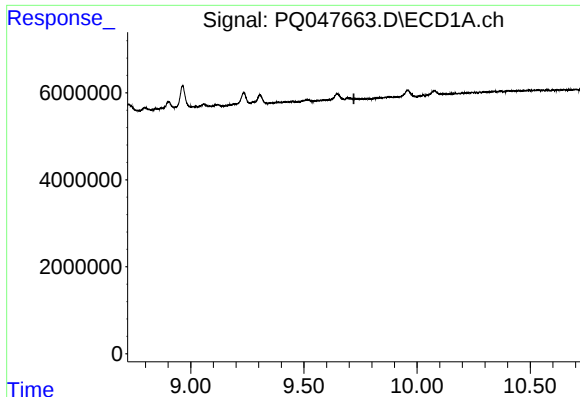
#38 AR-1262-3

R.T.: 9.646 min
Delta R.T.: 0.019 min
Response: 2583047
Conc: 1.49 ng/ml



#38 AR-1262-3

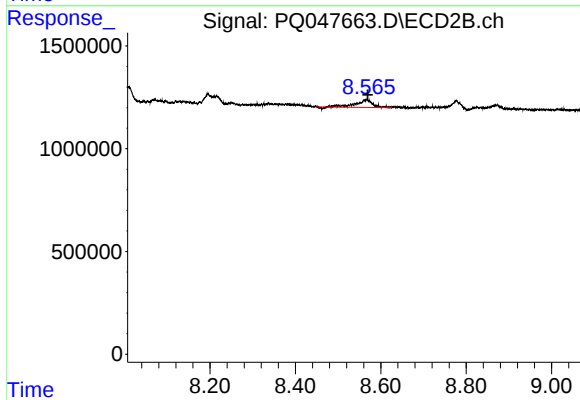
R.T.: 8.567 min
Delta R.T.: 0.064 min
Response: 1029936
Conc: 6.39 ng/ml



#39 AR-1262-4

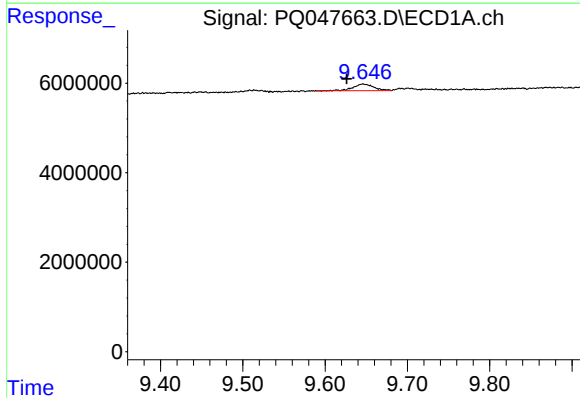
R.T.: 0.000 min
Exp R.T.: 9.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



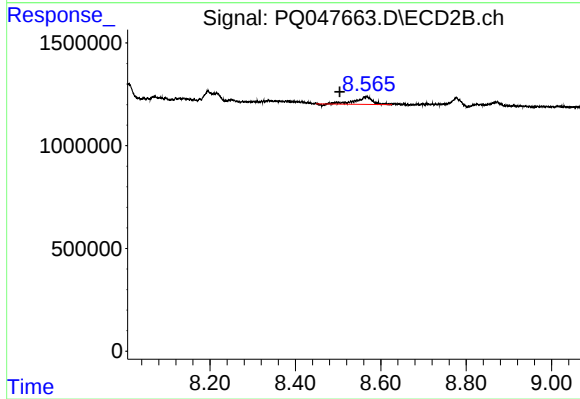
#39 AR-1262-4

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 1029936
Conc: 3.37 ng/ml



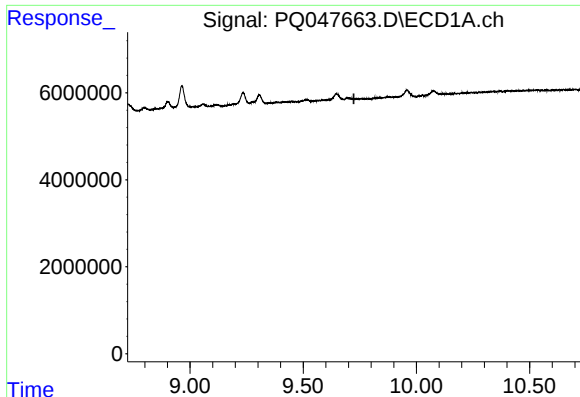
#41 AR-1268-1

R.T.: 9.646 min
Delta R.T.: 0.020 min
Response: 2583047
Conc: 0.72 ng/ml



#41 AR-1268-1

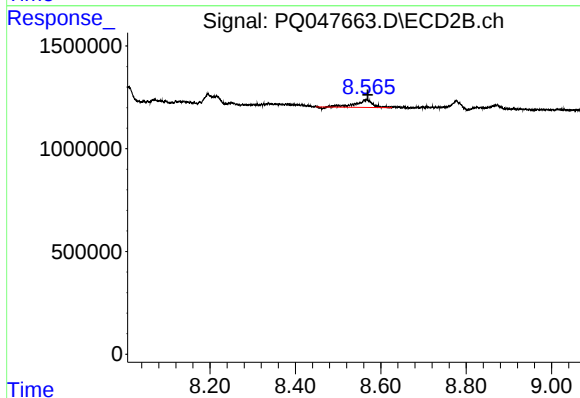
R.T.: 8.567 min
Delta R.T.: 0.063 min
Response: 1029936
Conc: 1.87 ng/ml



#42 AR-1268-2

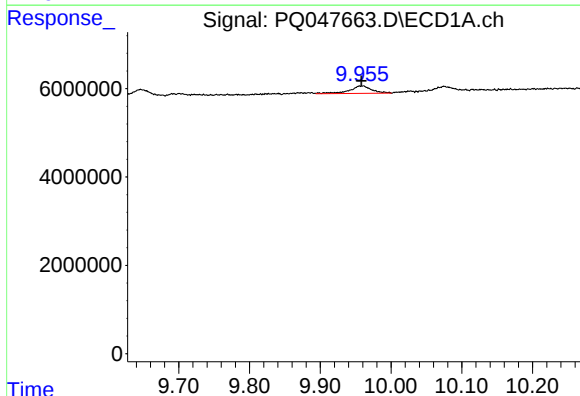
R.T.: 0.000 min
Exp R.T.: 9.724 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



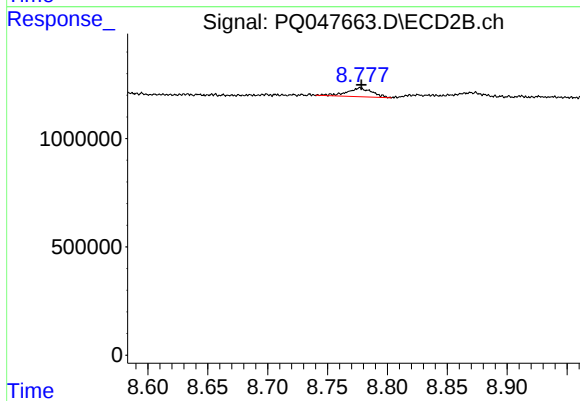
#42 AR-1268-2

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 1029936
Conc: 2.03 ng/ml



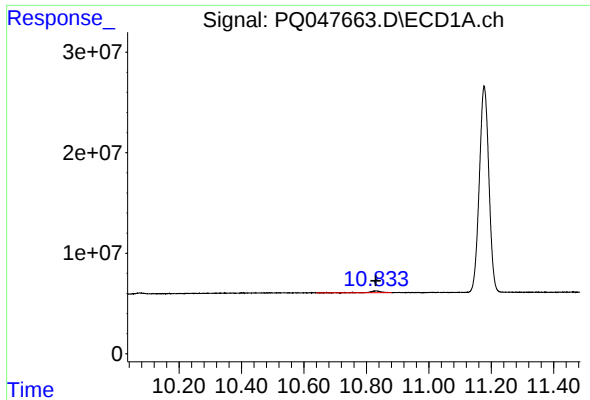
#43 AR-1268-3

R.T.: 9.960 min
Delta R.T.: 0.003 min
Response: 3684110
Conc: 1.32 ng/ml



#43 AR-1268-3

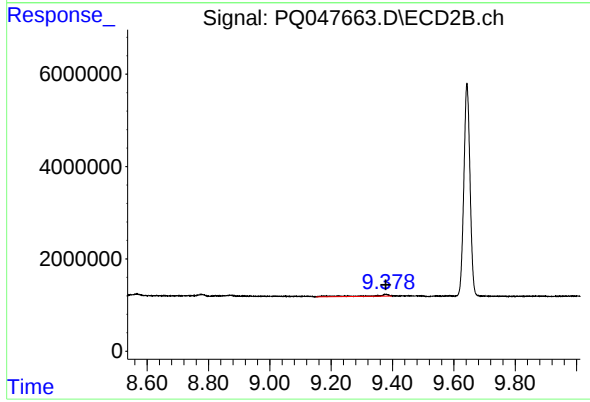
R.T.: 8.777 min
Delta R.T.: -0.001 min
Response: 597967
Conc: 1.44 ng/ml



#45 AR-1268-5

R.T.: 10.832 min
Delta R.T.: 0.003 min
Response: 4375255
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: 0.000 min
Response: 1444448
Conc: 1.11 ng/ml