

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012220\
 Data File : PQ046233.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2020 14:55
 Operator : AJ\MA
 Sample : L1161-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 16:55:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012220.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 23 06:26:10 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...	5.205	4.353	100.6E6	39356709	19.223	18.644
2)	SA Decachlor...	11.343	9.778	203.3E6	76264174	15.902	15.226
Target Compounds							
3)	L1 AR-1016-1	6.518	5.633	5715014	2106600	27.801	24.476
4)	L1 AR-1016-2	6.542	5.655	8444437	3259878	25.835	24.498
5)	L1 AR-1016-3	6.609	5.851	5162979	1420377	25.122	21.216
6)	L1 AR-1016-4	6.715	5.897	4889018	1104102	29.119	19.924 #
7)	L1 AR-1016-5	7.031	6.132	4519727	2588099	25.405	32.183 #
9)	L2 AR-1221-2	5.555	0.000	1976991	0	38.845	N.D. #
10)	L2 AR-1221-3	5.634	4.811	2624787	967993	16.673	14.766
11)	L3 AR-1232-1	5.634	4.811	2624787	967993	23.753	22.480
12)	L3 AR-1232-2	6.226	5.655	4299366	3259878	65.904	59.971
13)	L3 AR-1232-3	6.542	5.851	8444437	1420377	65.839	56.393
14)	L3 AR-1232-4	6.715	5.943	4889018	1318482	73.154	53.227 #
15)	L3 AR-1232-5	6.813	6.132	4658927	2588099	84.284	89.630
16)	L4 AR-1242-1	6.518	5.633	5715014	2106600	45.543	41.026
17)	L4 AR-1242-2	6.542	5.655	8444437	3259878	41.648	40.532
18)	L4 AR-1242-3	6.609	5.851	5162979	1420377	39.668	34.360
19)	L4 AR-1242-4	6.715	5.943	4889018	1318482	46.002	29.121 #
20)	L4 AR-1242-5	7.457	6.514	1975874	1270713	14.944	22.418 #
21)	L5 AR-1248-1	6.518	5.633	5715014	2106600	45.493	41.848
22)	L5 AR-1248-2	6.813	5.897	4658927	1104102	23.587	14.102 #
23)	L5 AR-1248-3	7.031	5.943	4519727	1318482	20.343	16.115
24)	L5 AR-1248-4	7.457	6.132	1975874	2588099	7.572	24.639 #
25)	L5 AR-1248-5	7.457	6.514	1975874	1270713	7.350	12.246 #
26)	L6 AR-1254-1	7.430	6.514	5103108	1270713	20.095	8.467 #
27)	L6 AR-1254-2	7.658	6.671	3868866	1576623	9.837	11.628
28)	L6 AR-1254-3	8.043	7.114	3900897	3103856	8.707	12.911 #
29)	L6 AR-1254-4	8.334	0.000	3649209	0	11.002	N.D. #
30)	L6 AR-1254-5	8.764	7.769	12889182	5005445	32.546	21.440 #
31)	L7 AR-1260-1	8.209	7.234	11381778	4002434	29.561	22.010 #
32)	L7 AR-1260-2	8.472	7.429	11291760	5020510	24.101	23.811
33)	L7 AR-1260-3	8.841	7.590	9207654	4481127	22.390	21.098
34)	L7 AR-1260-4	9.079	8.076	10803670	4359942	22.485	22.231
35)	L7 AR-1260-5	9.419	8.320	20637593	9486702	21.530	19.144
36)	L8 AR-1262-1	8.841	7.769	9207654	5005445	17.274	39.047 #
37)	L8 AR-1262-2	9.419	8.320	20637593	9486702	20.134	17.909
38)	L8 AR-1262-3	9.767	8.610	14859709	3932386	20.185	18.909
39)	L8 AR-1262-4	9.845	8.675	5867464	7874501	9.426	19.068 #
40)	L8 AR-1262-5	10.541	9.190	6803041	3395854	15.596	17.670
41)	L9 AR-1268-1	9.767	8.610	14859709	3932386	10.933	6.028 #
42)	L9 AR-1268-2	9.845	8.675	5867464	7874501	4.015	12.545 #

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 Acq On : 23 Jan 2020 14:55
 Operator : AJ\MA
 Sample : L1161-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 4 Sample Multiplier: 1

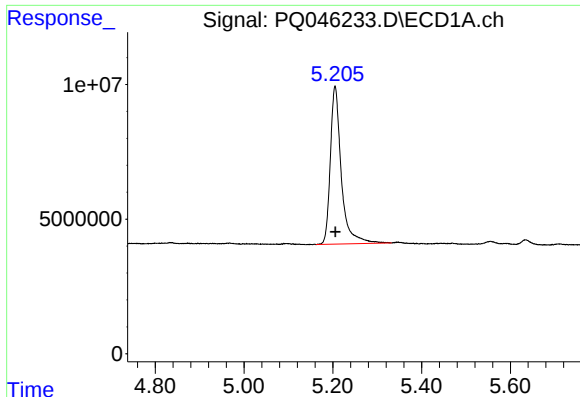
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 16:55:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012220.M
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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
43) L9	AR-1268-3	0.000	8.887	0	1929568	N.D.	3.780 #
44) L9	AR-1268-4	10.541	9.190	6803041	3395854	13.927	15.118
45) L9	AR-1268-5	10.982	9.503	3349718	1218797	0.778	0.658

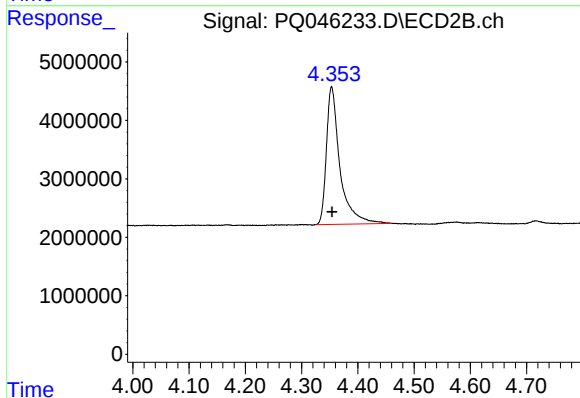
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

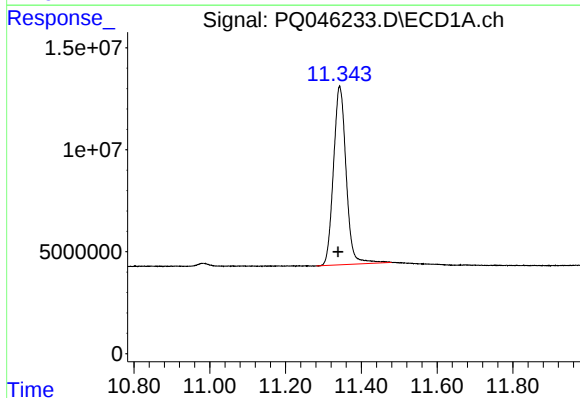
R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 100618433
Conc: 19.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



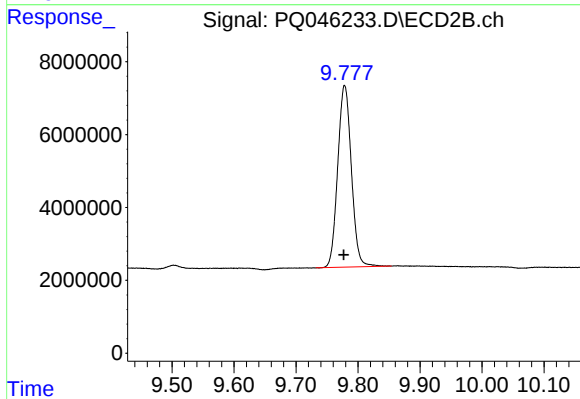
#1 Tetrachloro-m-xylene

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 39356709
Conc: 18.64 ng/ml



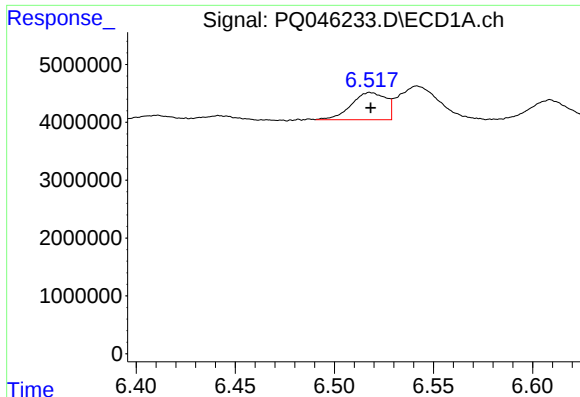
#2 Decachlorobiphenyl

R.T.: 11.343 min
Delta R.T.: 0.004 min
Response: 203333530
Conc: 15.90 ng/ml



#2 Decachlorobiphenyl

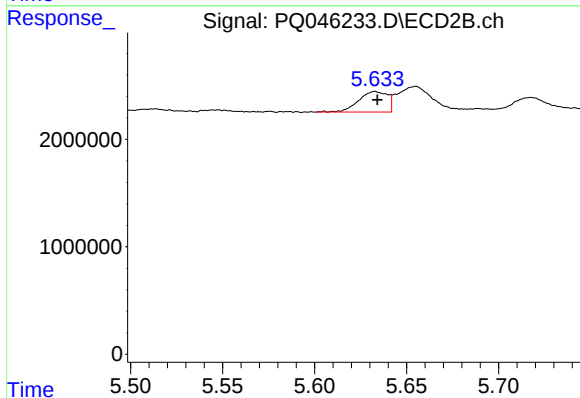
R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 76264174
Conc: 15.23 ng/ml



#3 AR-1016-1

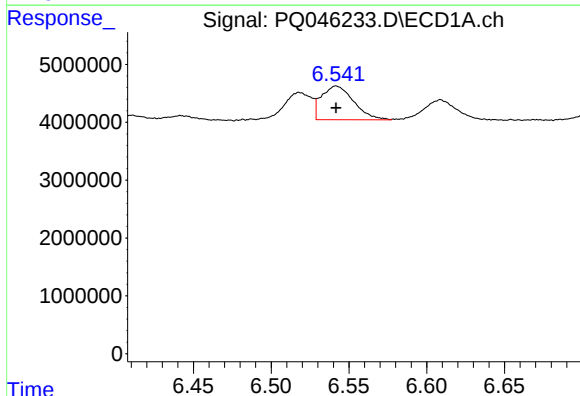
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 5715014
Conc: 27.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



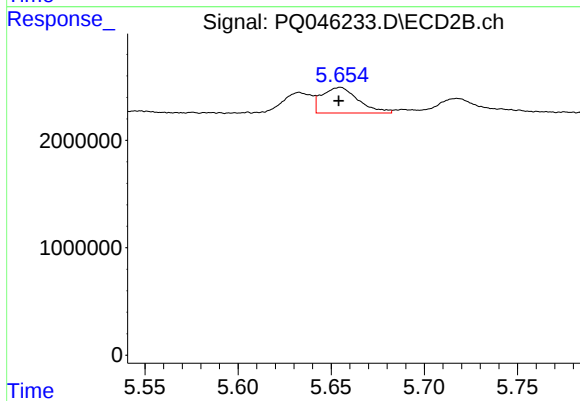
#3 AR-1016-1

R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 2106600
Conc: 24.48 ng/ml



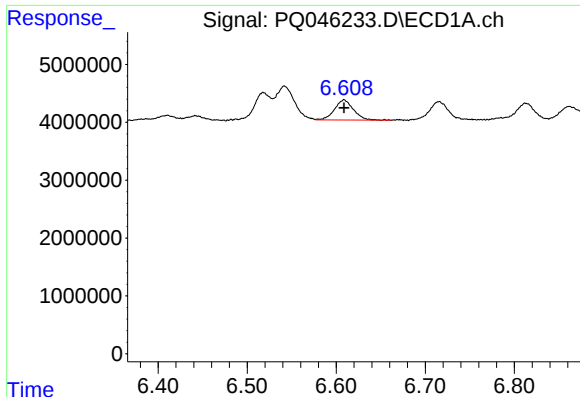
#4 AR-1016-2

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 8444437
Conc: 25.84 ng/ml



#4 AR-1016-2

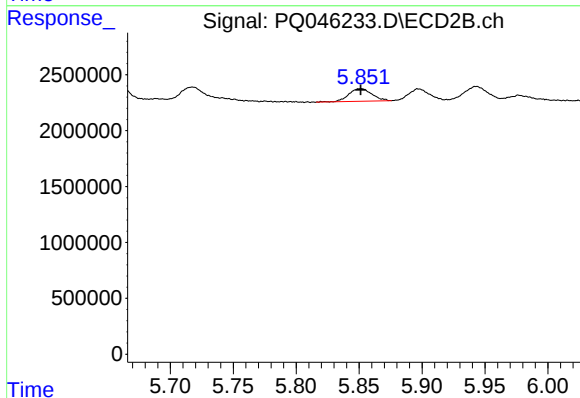
R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 3259878
Conc: 24.50 ng/ml



#5 AR-1016-3

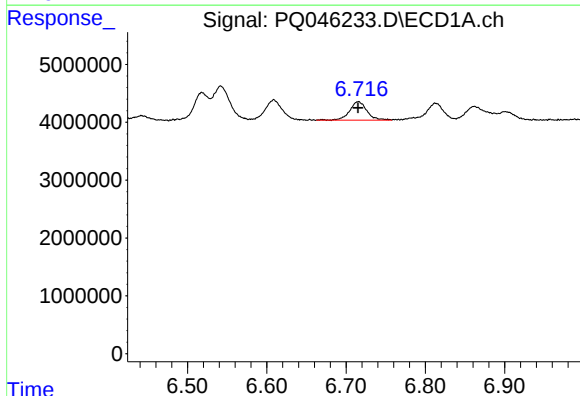
R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 5162979
Conc: 25.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



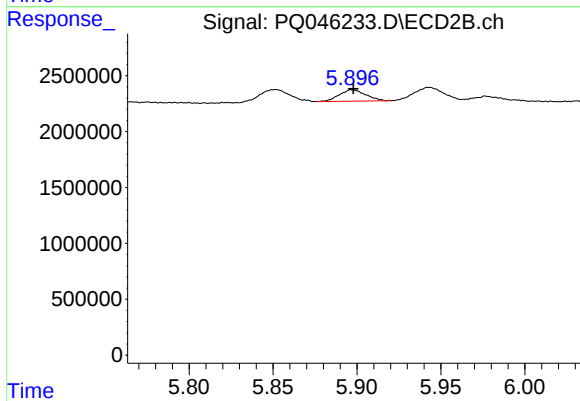
#5 AR-1016-3

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 1420377
Conc: 21.22 ng/ml



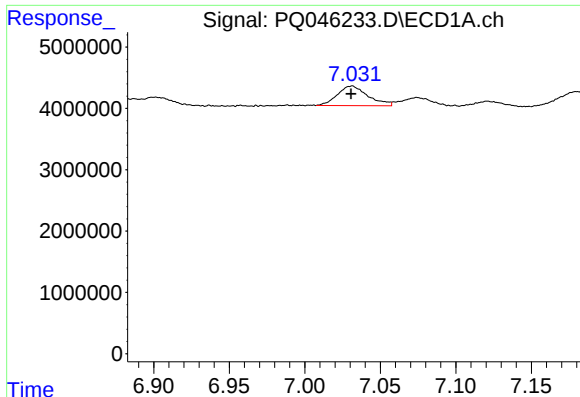
#6 AR-1016-4

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 4889018
Conc: 29.12 ng/ml



#6 AR-1016-4

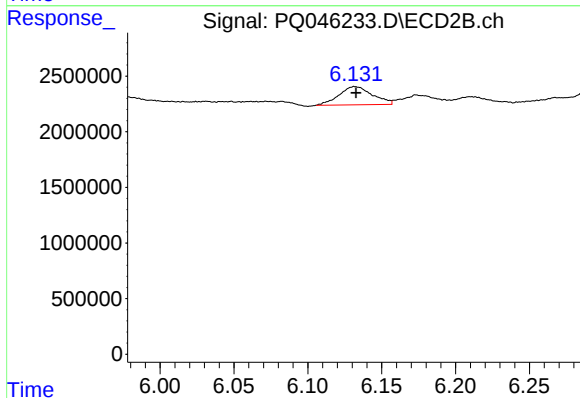
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 1104102
Conc: 19.92 ng/ml



#7 AR-1016-5

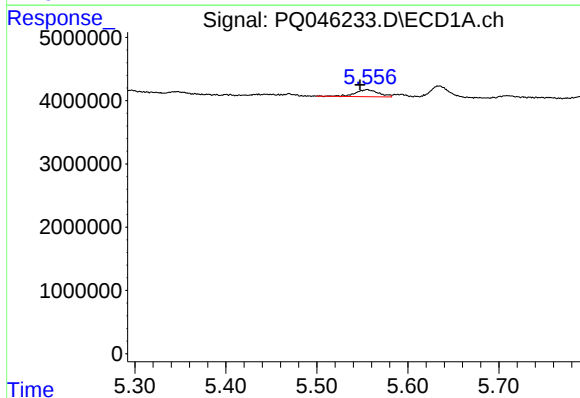
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 4519727
Conc: 25.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



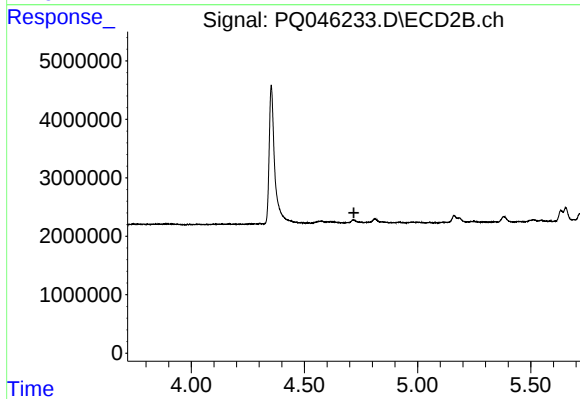
#7 AR-1016-5

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 2588099
Conc: 32.18 ng/ml



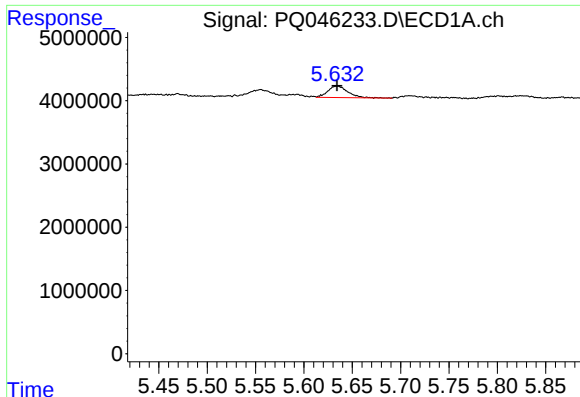
#9 AR-1221-2

R.T.: 5.555 min
Delta R.T.: 0.008 min
Response: 1976991
Conc: 38.84 ng/ml



#9 AR-1221-2

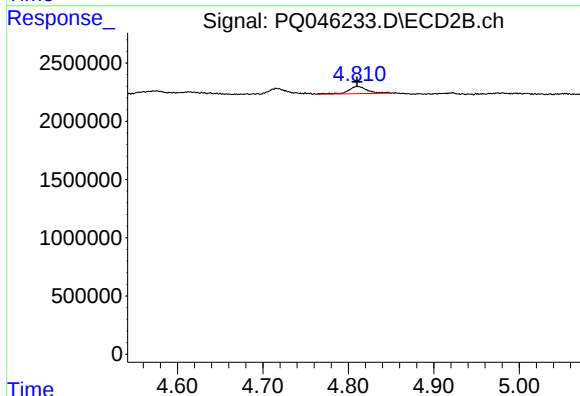
R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



#10 AR-1221-3

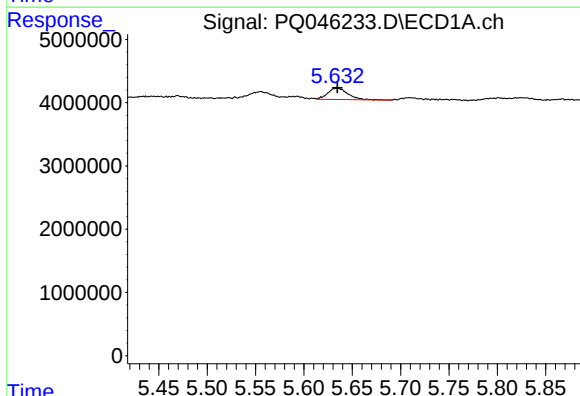
R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 2624787
Conc: 16.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



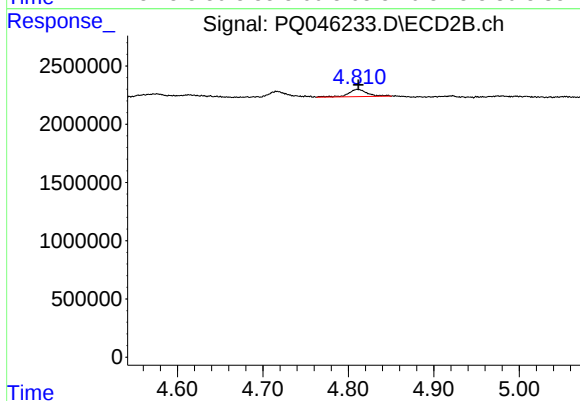
#10 AR-1221-3

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 967993
Conc: 14.77 ng/ml



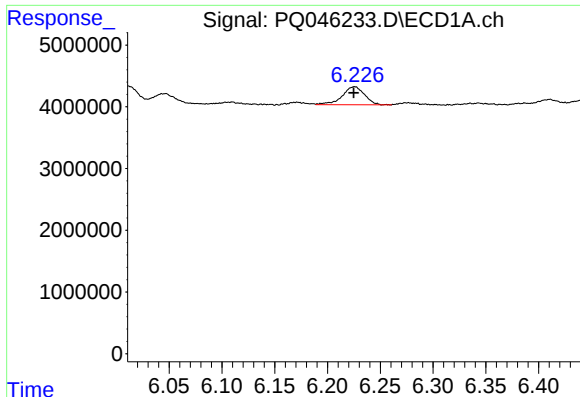
#11 AR-1232-1

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 2624787
Conc: 23.75 ng/ml



#11 AR-1232-1

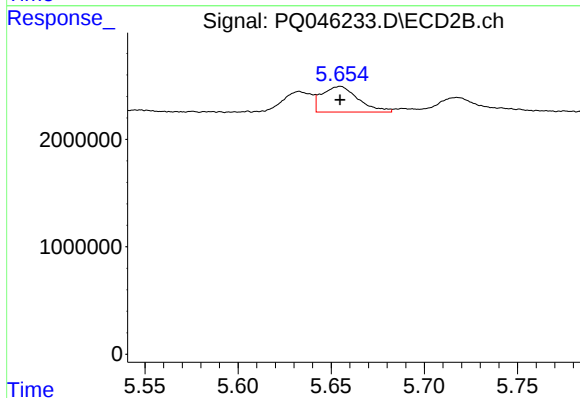
R.T.: 4.811 min
Delta R.T.: -0.001 min
Response: 967993
Conc: 22.48 ng/ml



#12 AR-1232-2

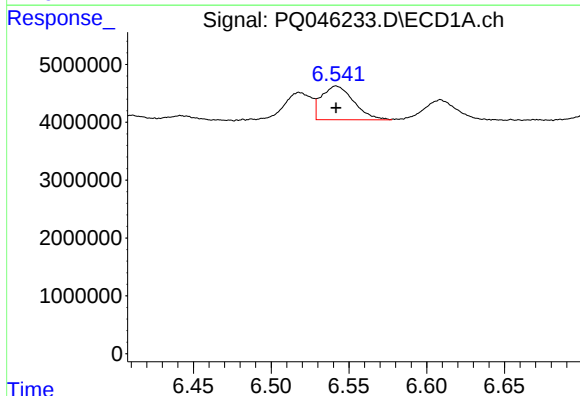
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 4299366
Conc: 65.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



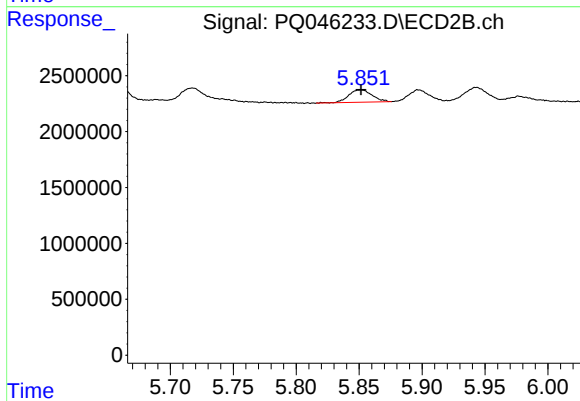
#12 AR-1232-2

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 3259878
Conc: 59.97 ng/ml



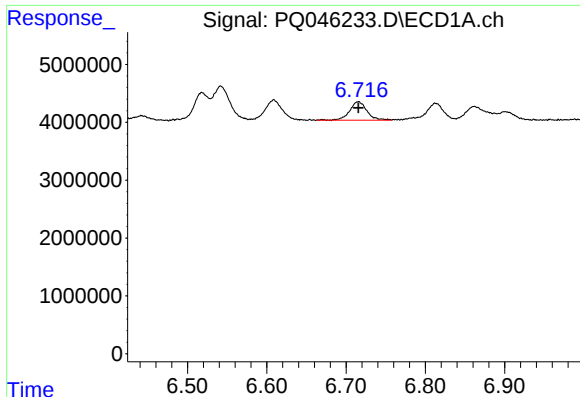
#13 AR-1232-3

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 8444437
Conc: 65.84 ng/ml



#13 AR-1232-3

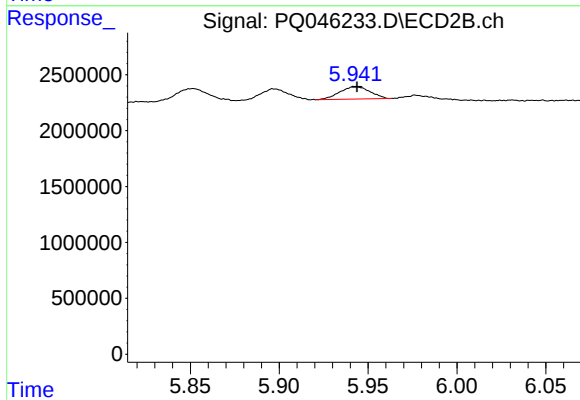
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 1420377
Conc: 56.39 ng/ml



#14 AR-1232-4

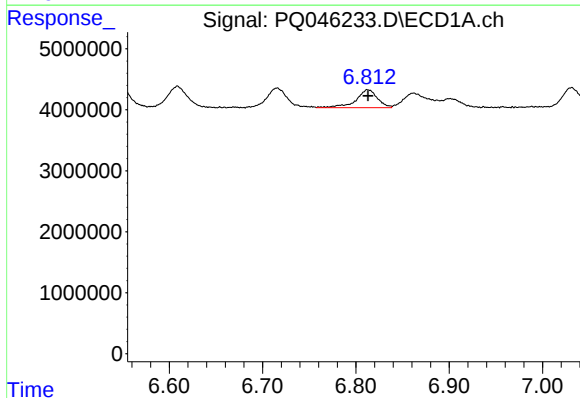
R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 4889018
Conc: 73.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



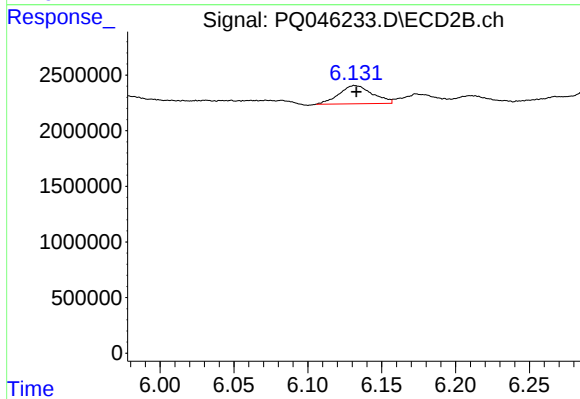
#14 AR-1232-4

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 1318482
Conc: 53.23 ng/ml



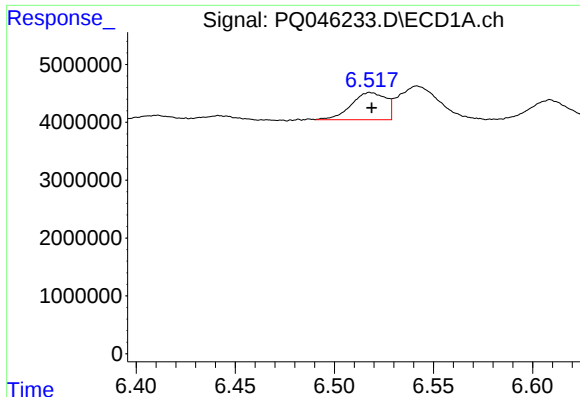
#15 AR-1232-5

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 4658927
Conc: 84.28 ng/ml



#15 AR-1232-5

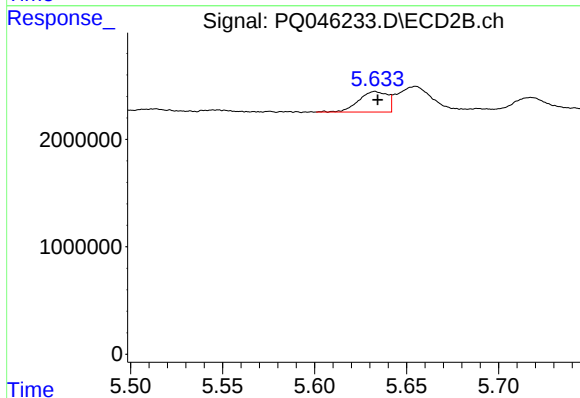
R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 2588099
Conc: 89.63 ng/ml



#16 AR-1242-1

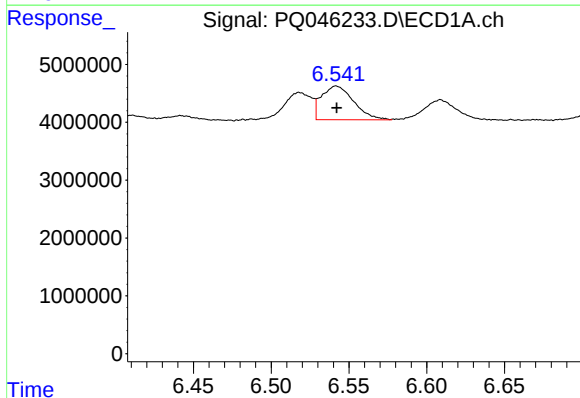
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 5715014
Conc: 45.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



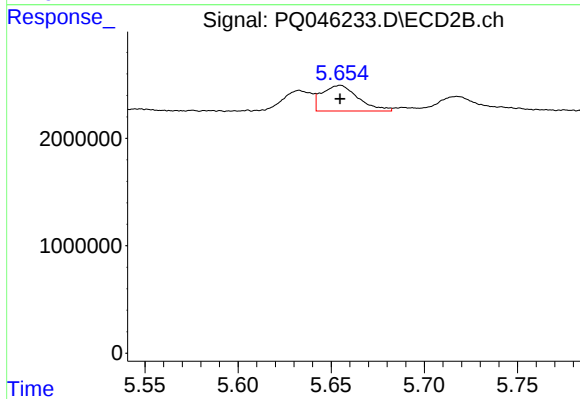
#16 AR-1242-1

R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 2106600
Conc: 41.03 ng/ml



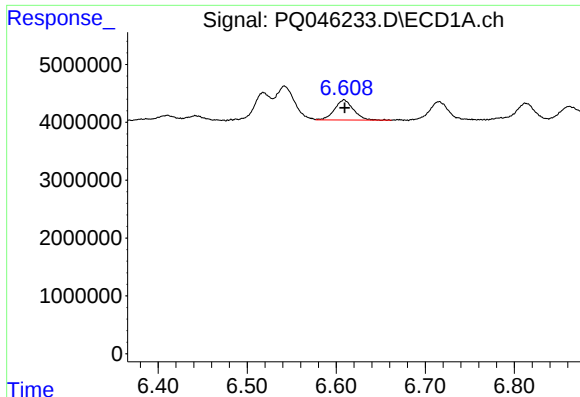
#17 AR-1242-2

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 8444437
Conc: 41.65 ng/ml



#17 AR-1242-2

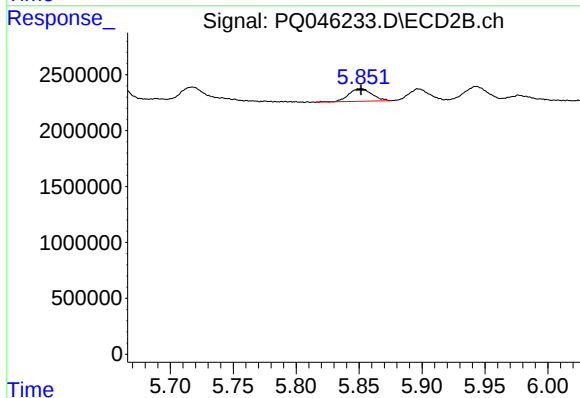
R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 3259878
Conc: 40.53 ng/ml



#18 AR-1242-3

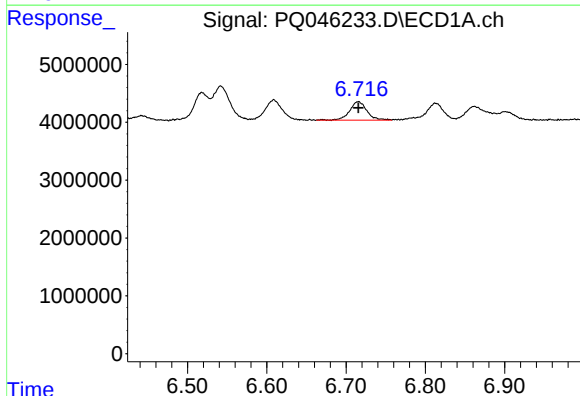
R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 5162979
Conc: 39.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



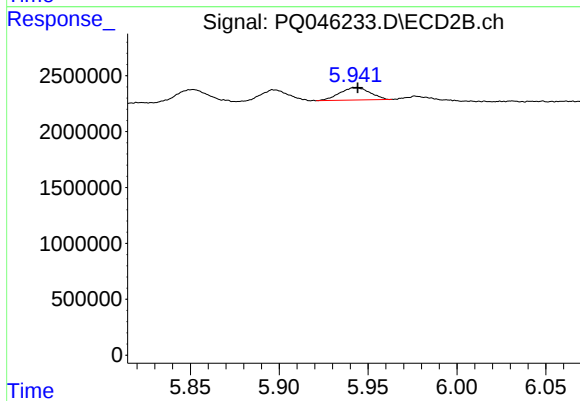
#18 AR-1242-3

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 1420377
Conc: 34.36 ng/ml



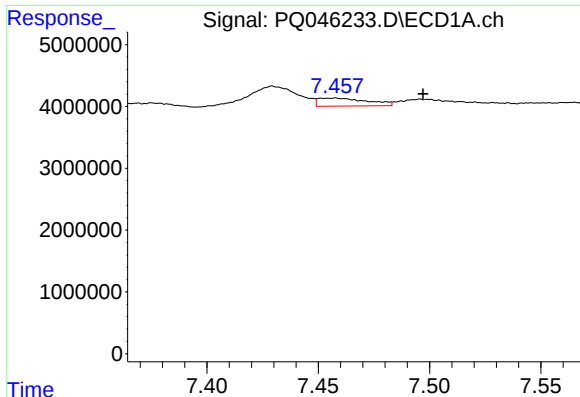
#19 AR-1242-4

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 4889018
Conc: 46.00 ng/ml



#19 AR-1242-4

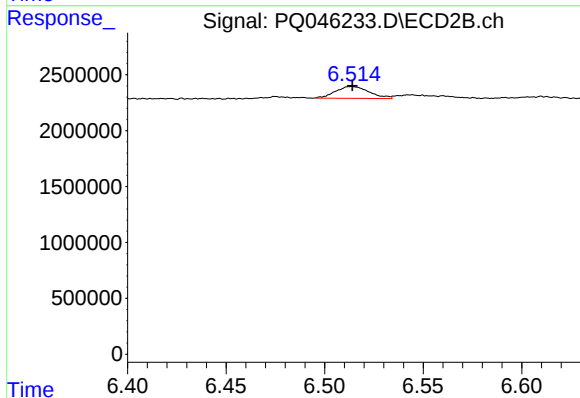
R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 1318482
Conc: 29.12 ng/ml



#20 AR-1242-5

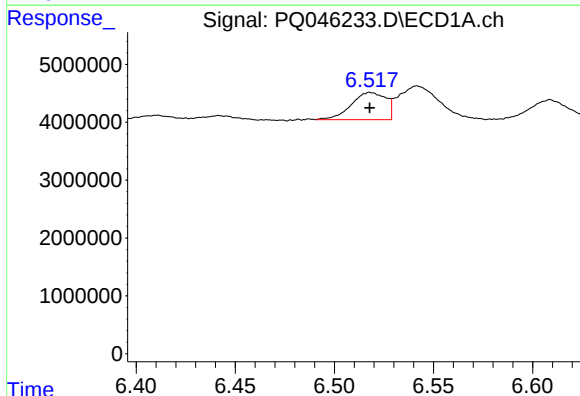
R.T.: 7.457 min
Delta R.T.: -0.040 min
Response: 1975874
Conc: 14.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



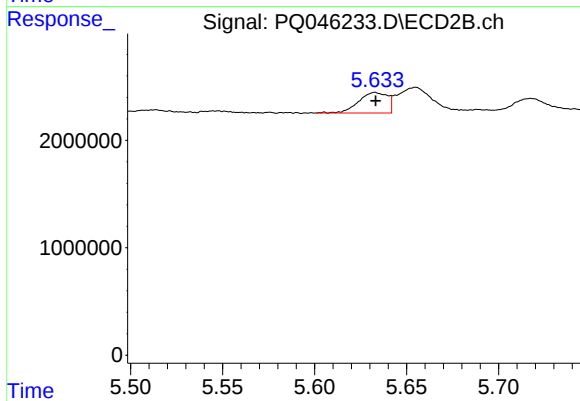
#20 AR-1242-5

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 1270713
Conc: 22.42 ng/ml



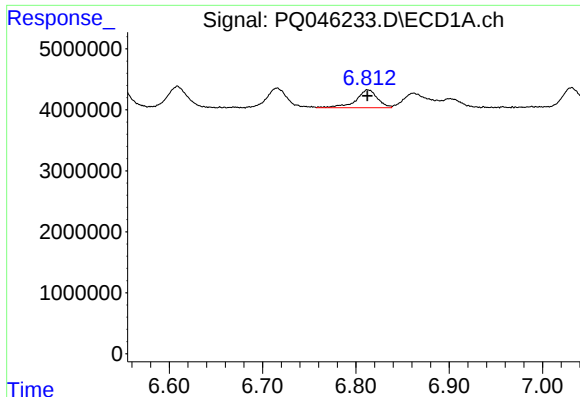
#21 AR-1248-1

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 5715014
Conc: 45.49 ng/ml



#21 AR-1248-1

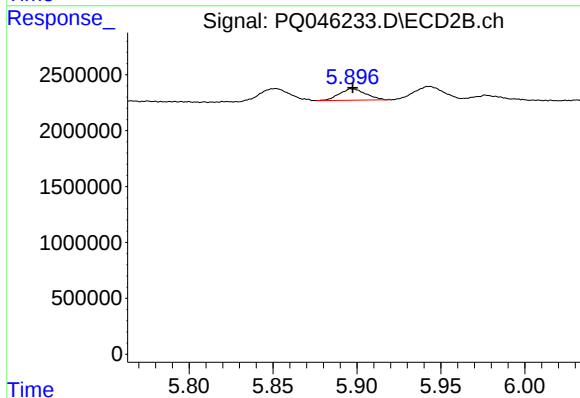
R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 2106600
Conc: 41.85 ng/ml



#22 AR-1248-2

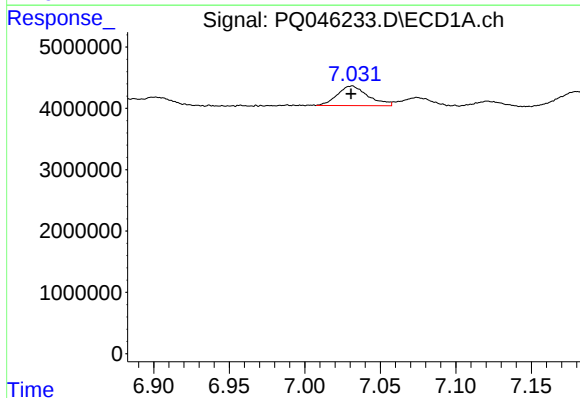
R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 4658927
Conc: 23.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



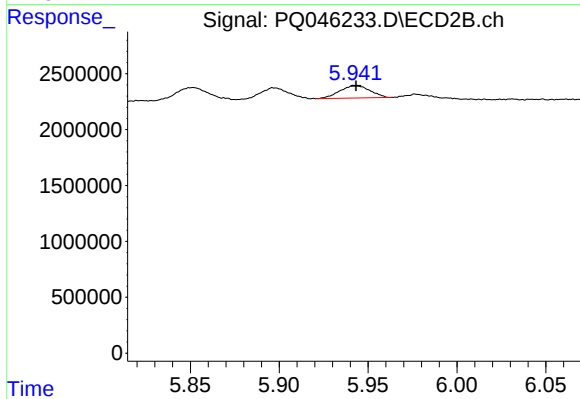
#22 AR-1248-2

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 1104102
Conc: 14.10 ng/ml



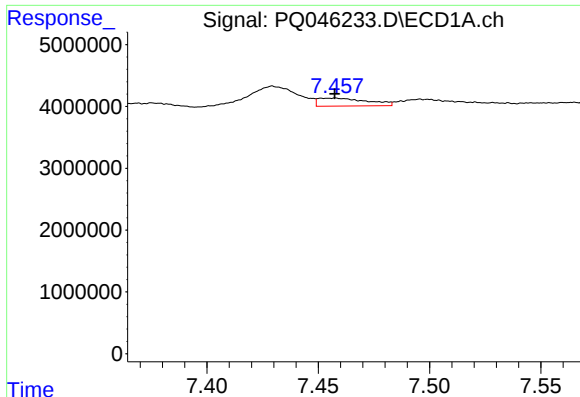
#23 AR-1248-3

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 4519727
Conc: 20.34 ng/ml



#23 AR-1248-3

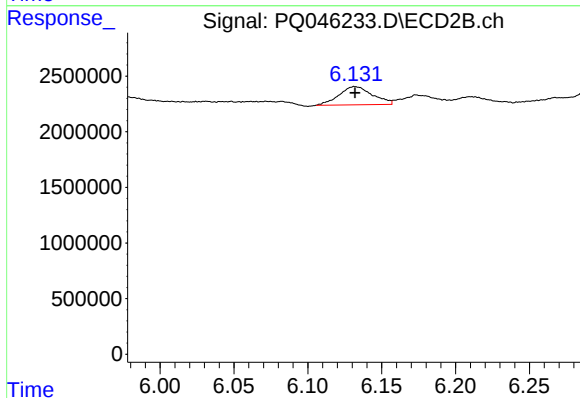
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 1318482
Conc: 16.11 ng/ml



#24 AR-1248-4

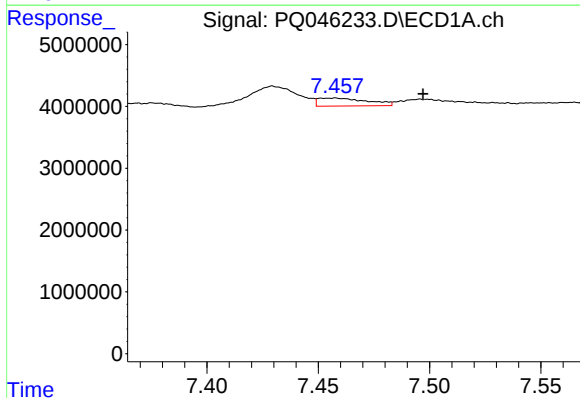
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 1975874
Conc: 7.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



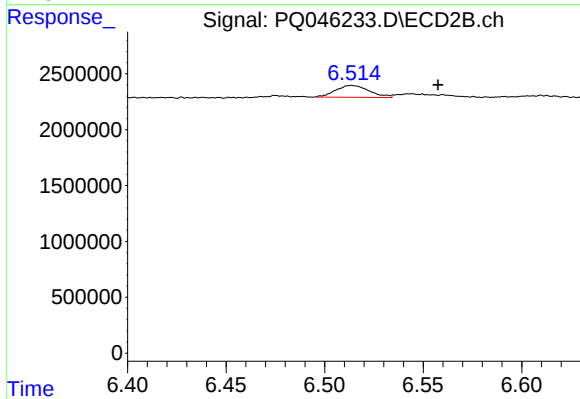
#24 AR-1248-4

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 2588099
Conc: 24.64 ng/ml



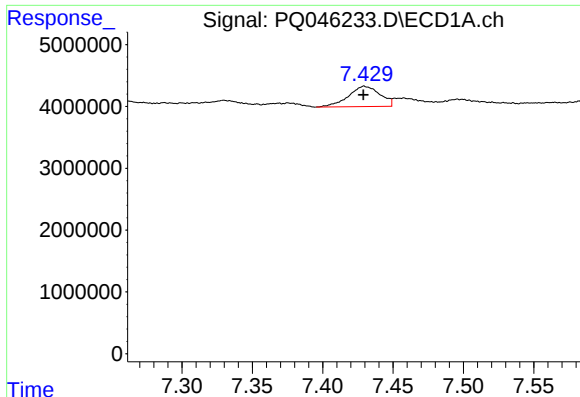
#25 AR-1248-5

R.T.: 7.457 min
Delta R.T.: -0.040 min
Response: 1975874
Conc: 7.35 ng/ml



#25 AR-1248-5

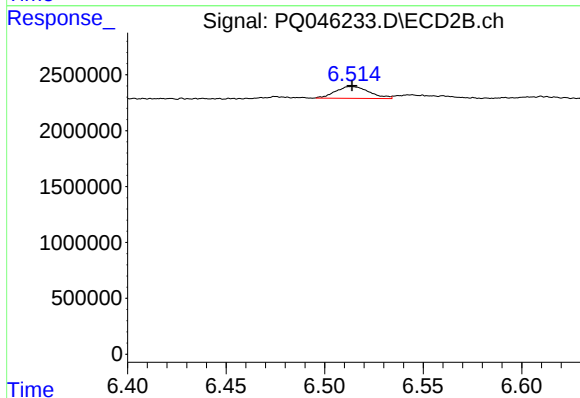
R.T.: 6.514 min
Delta R.T.: -0.044 min
Response: 1270713
Conc: 12.25 ng/ml



#26 AR-1254-1

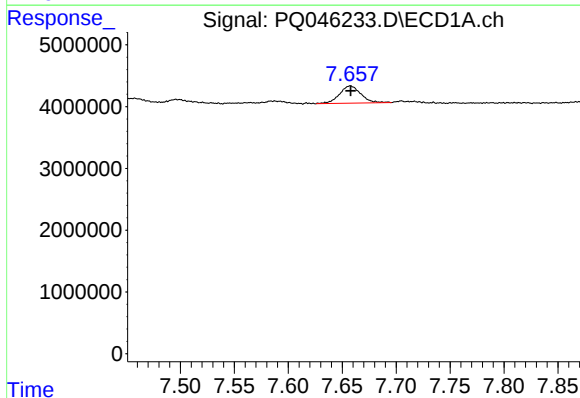
R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 5103108
Conc: 20.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



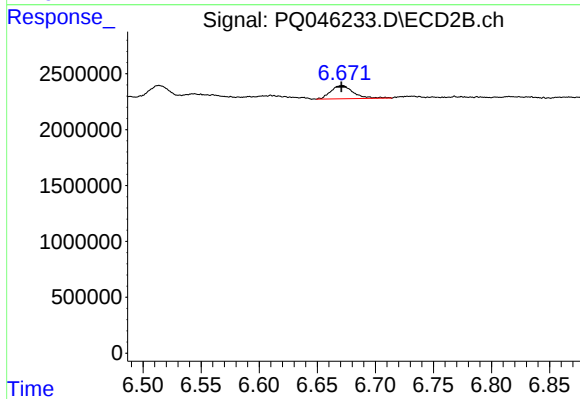
#26 AR-1254-1

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 1270713
Conc: 8.47 ng/ml



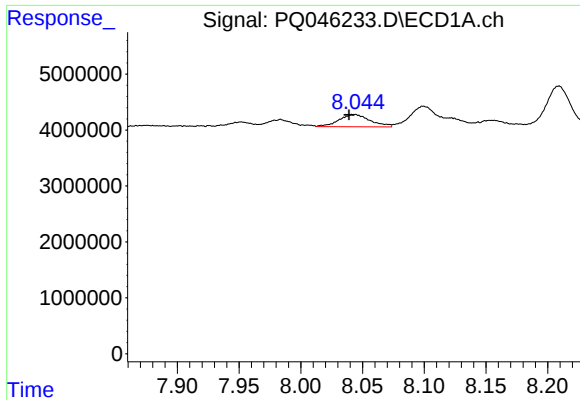
#27 AR-1254-2

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 3868866
Conc: 9.84 ng/ml



#27 AR-1254-2

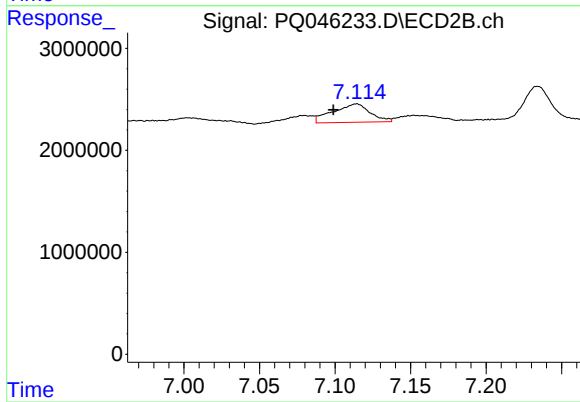
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 1576623
Conc: 11.63 ng/ml



#28 AR-1254-3

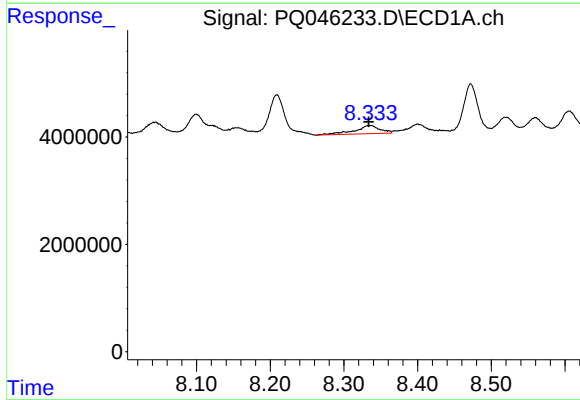
R.T.: 8.043 min
Delta R.T.: 0.004 min
Response: 3900897
Conc: 8.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



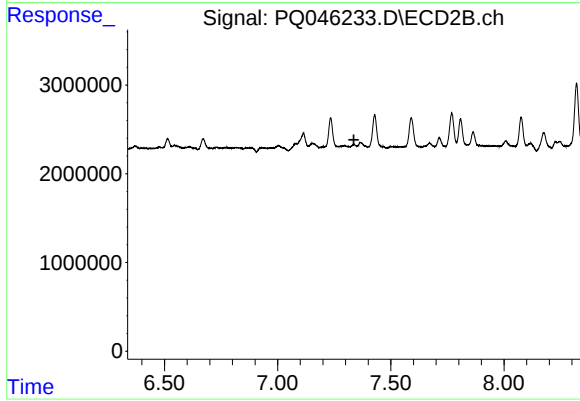
#28 AR-1254-3

R.T.: 7.114 min
Delta R.T.: 0.015 min
Response: 3103856
Conc: 12.91 ng/ml



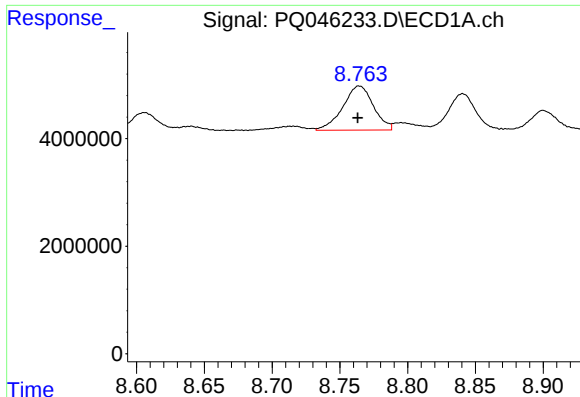
#29 AR-1254-4

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 3649209
Conc: 11.00 ng/ml



#29 AR-1254-4

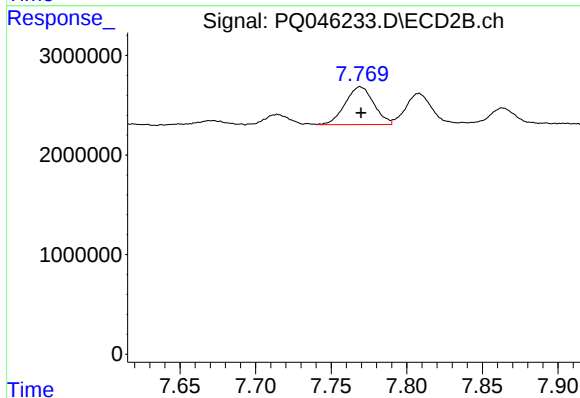
R.T.: 0.000 min
Exp R.T.: 7.337 min
Response: 0
Conc: N.D.



#30 AR-1254-5

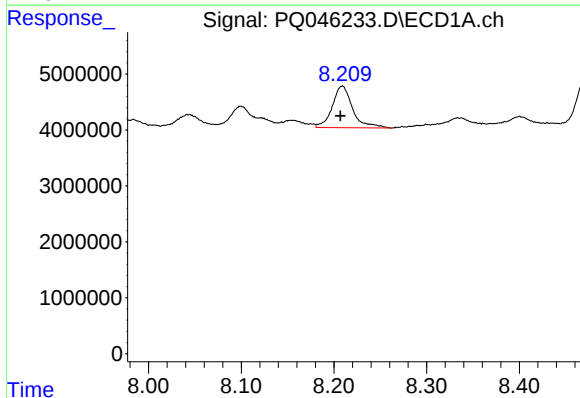
R.T.: 8.764 min
Delta R.T.: 0.001 min
Response: 12889182
Conc: 32.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



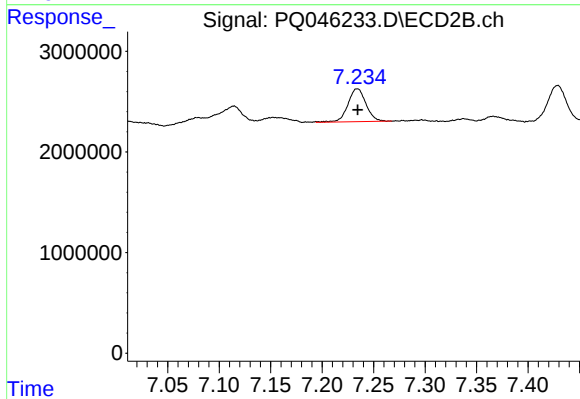
#30 AR-1254-5

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 5005445
Conc: 21.44 ng/ml



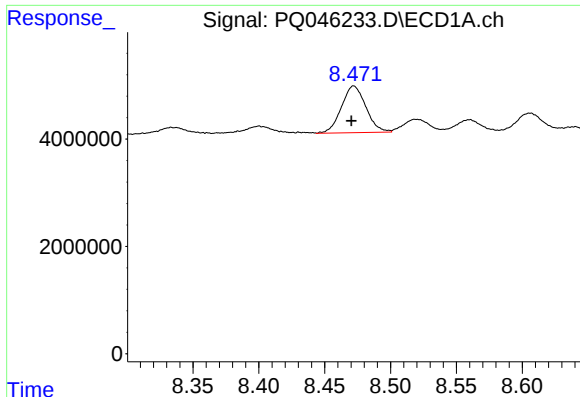
#31 AR-1260-1

R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 11381778
Conc: 29.56 ng/ml



#31 AR-1260-1

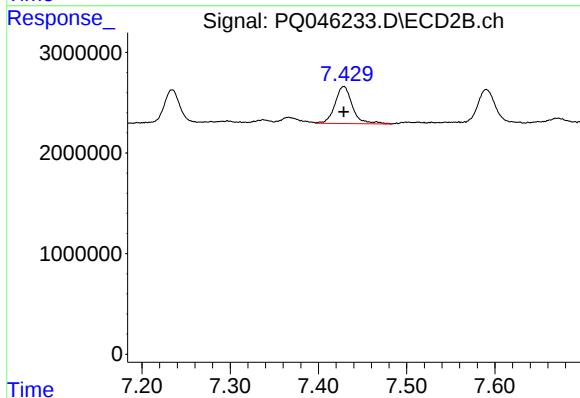
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 4002434
Conc: 22.01 ng/ml



#32 AR-1260-2

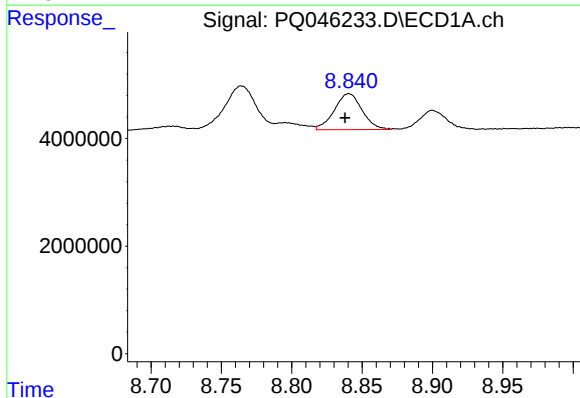
R.T.: 8.472 min
Delta R.T.: 0.002 min
Response: 11291760
Conc: 24.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



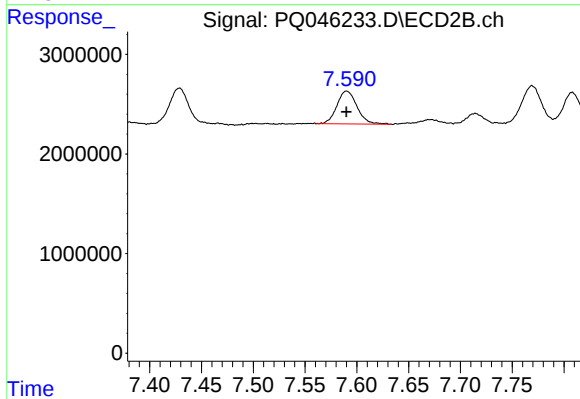
#32 AR-1260-2

R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 5020510
Conc: 23.81 ng/ml



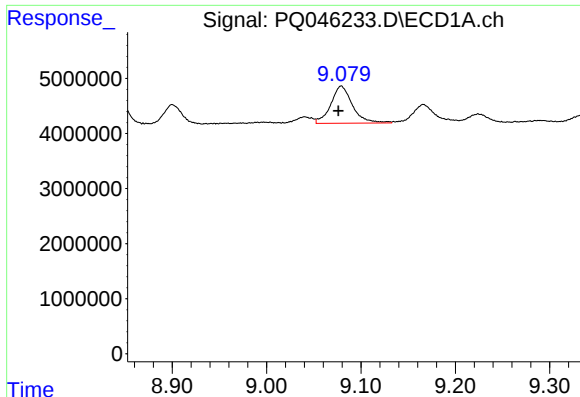
#33 AR-1260-3

R.T.: 8.841 min
Delta R.T.: 0.003 min
Response: 9207654
Conc: 22.39 ng/ml



#33 AR-1260-3

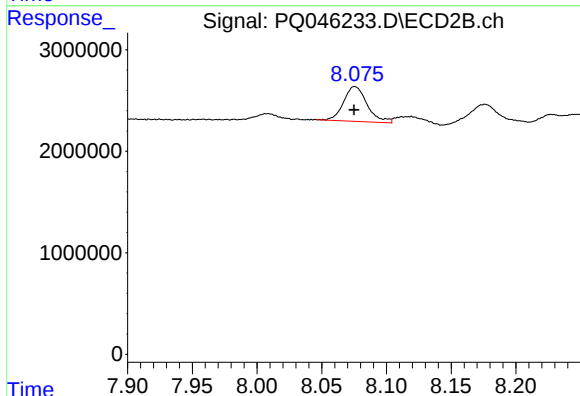
R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 4481127
Conc: 21.10 ng/ml



#34 AR-1260-4

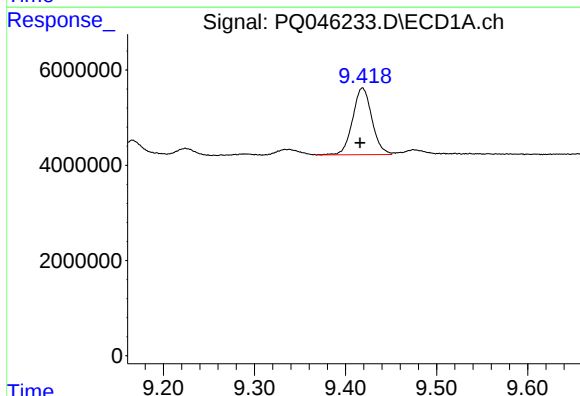
R.T.: 9.079 min
Delta R.T.: 0.003 min
Response: 10803670
Conc: 22.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



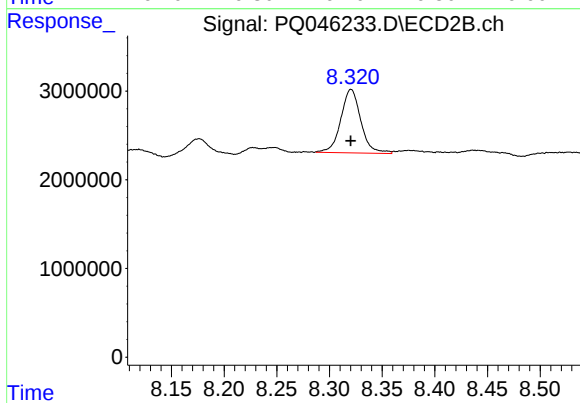
#34 AR-1260-4

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 4359942
Conc: 22.23 ng/ml



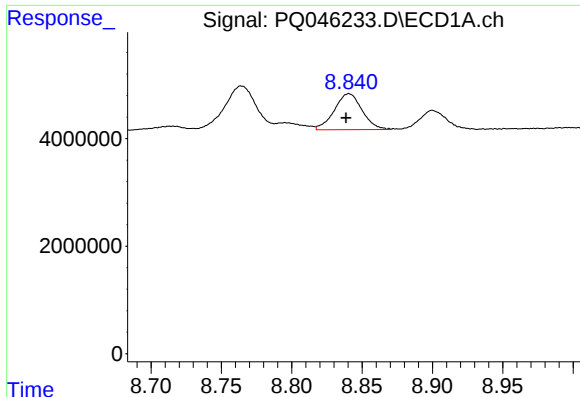
#35 AR-1260-5

R.T.: 9.419 min
Delta R.T.: 0.003 min
Response: 20637593
Conc: 21.53 ng/ml



#35 AR-1260-5

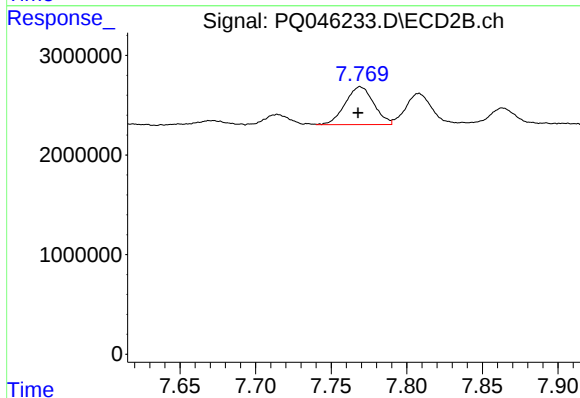
R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 9486702
Conc: 19.14 ng/ml



#36 AR-1262-1

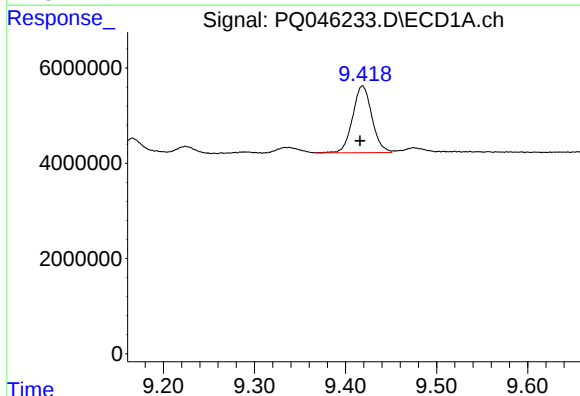
R.T.: 8.841 min
Delta R.T.: 0.002 min
Response: 9207654
Conc: 17.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



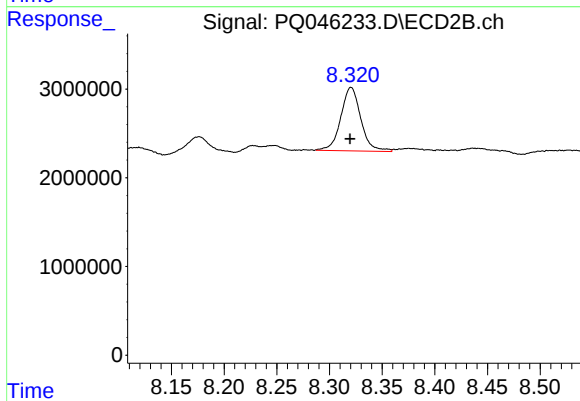
#36 AR-1262-1

R.T.: 7.769 min
Delta R.T.: 0.002 min
Response: 5005445
Conc: 39.05 ng/ml



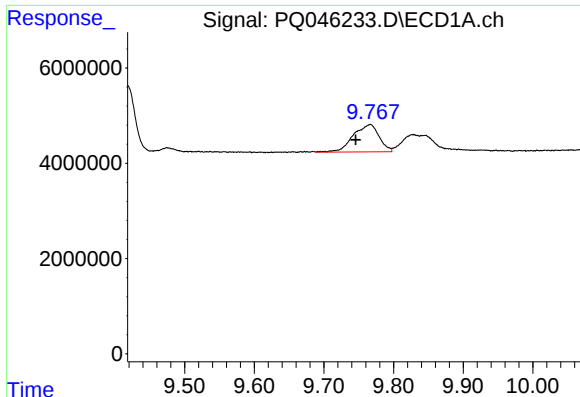
#37 AR-1262-2

R.T.: 9.419 min
Delta R.T.: 0.003 min
Response: 20637593
Conc: 20.13 ng/ml



#37 AR-1262-2

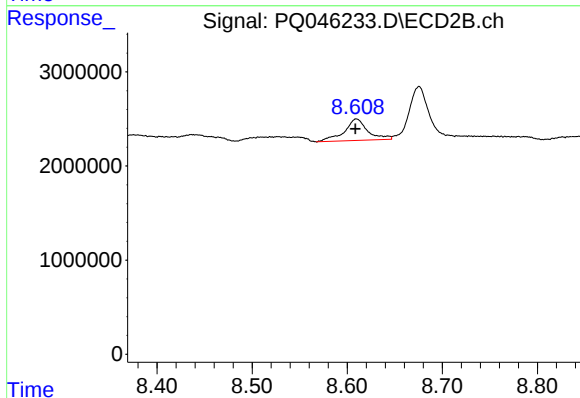
R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 9486702
Conc: 17.91 ng/ml



#38 AR-1262-3

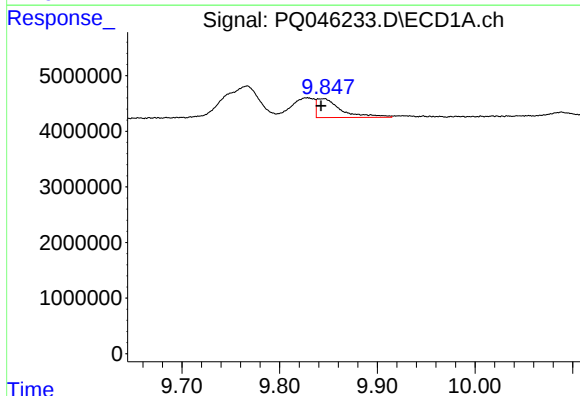
R.T.: 9.767 min
Delta R.T.: 0.021 min
Response: 14859709
Conc: 20.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



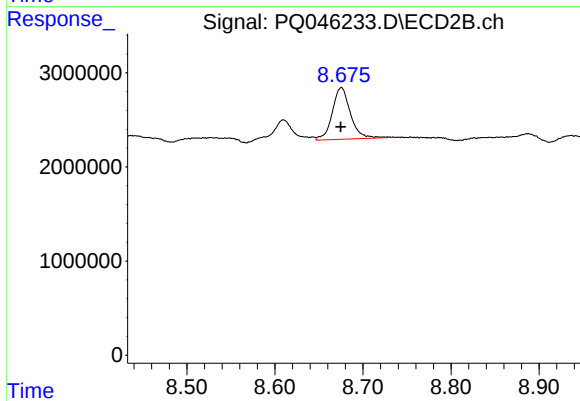
#38 AR-1262-3

R.T.: 8.610 min
Delta R.T.: 0.001 min
Response: 3932386
Conc: 18.91 ng/ml



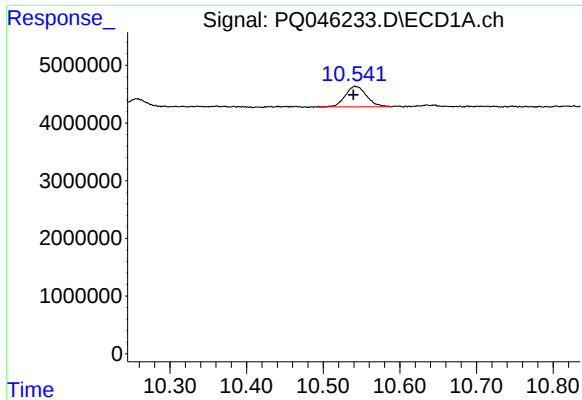
#39 AR-1262-4

R.T.: 9.845 min
Delta R.T.: 0.003 min
Response: 5867464
Conc: 9.43 ng/ml



#39 AR-1262-4

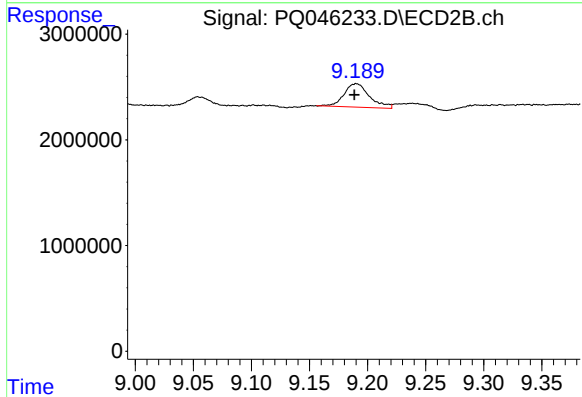
R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 7874501
Conc: 19.07 ng/ml



#40 AR-1262-5

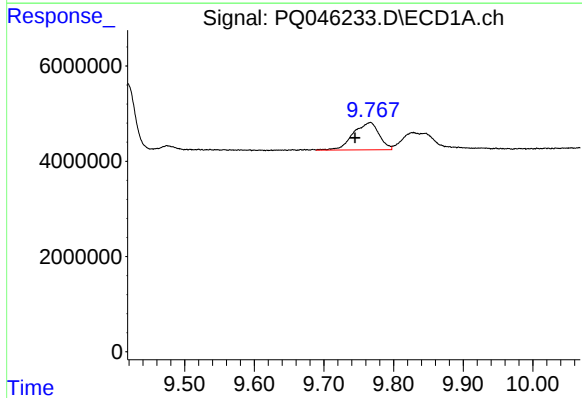
R.T.: 10.541 min
Delta R.T.: 0.002 min
Response: 6803041
Conc: 15.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



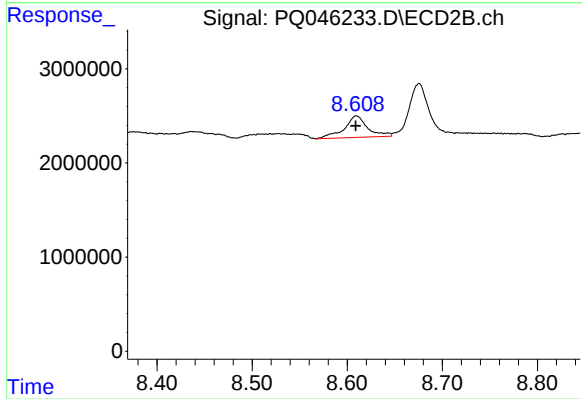
#40 AR-1262-5

R.T.: 9.190 min
Delta R.T.: 0.002 min
Response: 3395854
Conc: 17.67 ng/ml



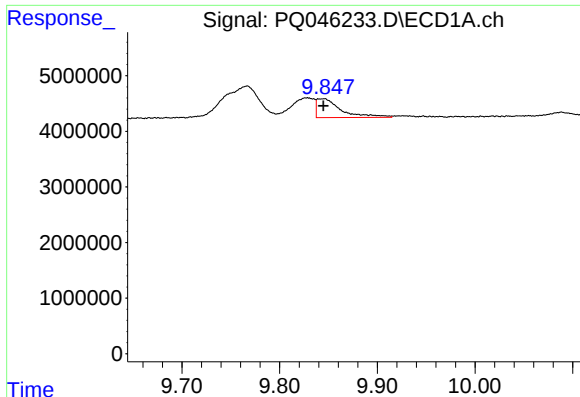
#41 AR-1268-1

R.T.: 9.767 min
Delta R.T.: 0.022 min
Response: 14859709
Conc: 10.93 ng/ml



#41 AR-1268-1

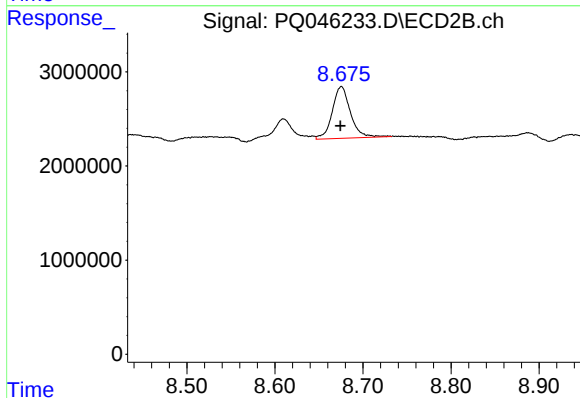
R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 3932386
Conc: 6.03 ng/ml



#42 AR-1268-2

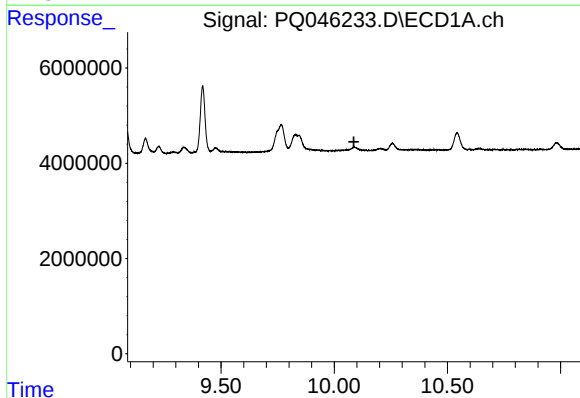
R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 5867464
Conc: 4.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



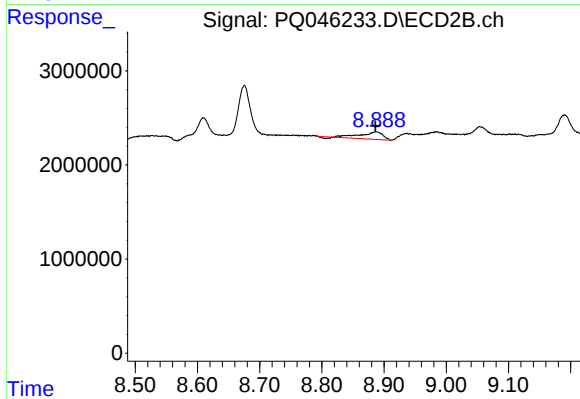
#42 AR-1268-2

R.T.: 8.675 min
Delta R.T.: 0.001 min
Response: 7874501
Conc: 12.54 ng/ml



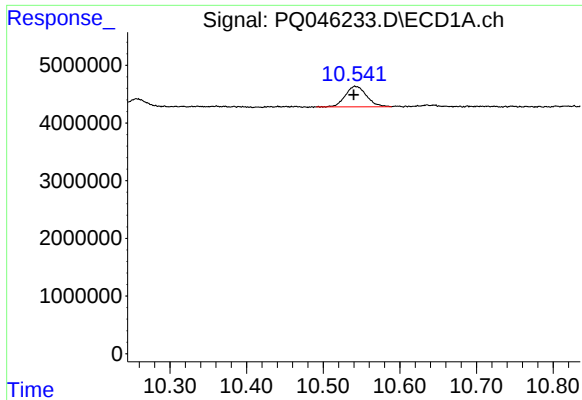
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.087 min
Response: 0
Conc: N.D.



#43 AR-1268-3

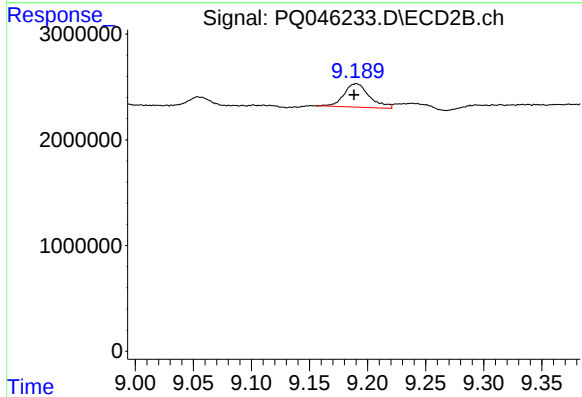
R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 1929568
Conc: 3.78 ng/ml



#44 AR-1268-4

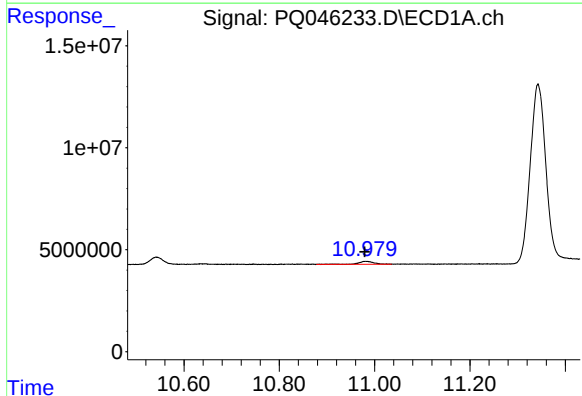
R.T.: 10.541 min
Delta R.T.: 0.002 min
Response: 6803041
Conc: 13.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



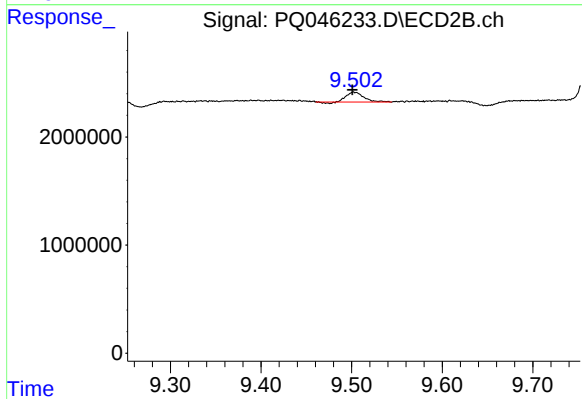
#44 AR-1268-4

R.T.: 9.190 min
Delta R.T.: 0.002 min
Response: 3395854
Conc: 15.12 ng/ml



#45 AR-1268-5

R.T.: 10.982 min
Delta R.T.: 0.002 min
Response: 3349718
Conc: 0.78 ng/ml



#45 AR-1268-5

R.T.: 9.503 min
Delta R.T.: 0.002 min
Response: 1218797
Conc: 0.66 ng/ml