

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051721\
 Data File : PQ053545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2021 11:02
 Operator : DD\AJ
 Sample : M2262-01
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 17:30:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 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...	5.223	4.238	418.9E6	190.4E6	14.509	14.775
2)	SA Decachlor...	11.407	9.573	425.6E6	205.5E6	14.249	14.474
Target Compounds							
3)	L1 AR-1016-1	6.549	5.496	17355472	8323106	17.527	18.287
4)	L1 AR-1016-2	6.573	5.517	22771483	9694984	14.790	14.309
5)	L1 AR-1016-3	6.640	5.709	10332932	5779089	11.283	16.695 #
6)	L1 AR-1016-4	6.744	5.758	12944528	13638414	17.565	48.214 #
7)	L1 AR-1016-5	7.059	5.988	34574917	15980956	47.933	44.271
8)	L2 AR-1221-1	5.466	4.489	2484169	408697	8.514	3.056 #
9)	L2 AR-1221-2	5.580	4.594	16311043	6012879	76.796	59.948
10)	L2 AR-1221-3	5.662	4.686	15903910	2709402	22.788	8.308 #
11)	L3 AR-1232-1	5.662	4.686	15903910	2709402	30.864	11.423 #
12)	L3 AR-1232-2	6.250	5.517	25512701	9694984	91.620	38.327 #
13)	L3 AR-1232-3	6.573	5.709	22771483	5779089	38.786	45.450
14)	L3 AR-1232-4	6.744	5.804	12944528	13307488	47.425	118.641 #
15)	L3 AR-1232-5	6.839	5.988	30535965	15980956	153.544	130.032
16)	L4 AR-1242-1	6.549	5.496	17355472	8323106	24.832	25.932
17)	L4 AR-1242-2	6.573	5.517	22771483	9694984	21.019	20.521
18)	L4 AR-1242-3	6.640	5.709	10332932	5779089	15.912	23.751 #
19)	L4 AR-1242-4	6.744	5.804	12944528	13307488	24.725	56.160 #
20)	L4 AR-1242-5	7.528	6.368	52643032	22656918	90.184	71.024
21)	L5 AR-1248-1	6.549	5.496	17355472	8323106	33.350	34.430
22)	L5 AR-1248-2	6.839	5.758	30535965	13638414	40.276	39.546
23)	L5 AR-1248-3	7.059	5.804	34574917	13307488	40.261	37.939
24)	L5 AR-1248-4	7.488	5.988	45512575	15980956	46.786	37.396
25)	L5 AR-1248-5	7.528	6.412	52643032	15503333	53.849	36.556 #
26)	L6 AR-1254-1	7.458	6.368	40837476	22656918	41.950	33.472
27)	L6 AR-1254-2	7.691	6.526	43285430	7584951	28.677	12.183 #
28)	L6 AR-1254-3	8.068	6.948	22097588	9667748	14.141	9.737 #
29)	L6 AR-1254-4	8.364	7.187	14626486	6657101	12.610	10.721
30)	L6 AR-1254-5	8.789	7.612	3221051	2170435	2.502	2.245
31)	L7 AR-1260-1	8.233	7.096	2420524	4886331	1.777	6.057 #
32)	L7 AR-1260-2	8.492	7.279	6881014	1395868	4.004	1.230 #
33)	L7 AR-1260-3	8.855	7.432	2088889	1876221	1.733	1.967
34)	L7 AR-1260-4	9.102	0.000	2205850	0	1.732	N.D. #
35)	L7 AR-1260-5	9.448	8.164	1679823	8567025	0.611	4.473 #
36)	L8 AR-1262-1	8.855	7.612	2088889	2170435	1.206	4.528 #
37)	L8 AR-1262-2	9.448	8.164	1679823	8567025	0.554	4.183 #
38)	L8 AR-1262-3	9.789	0.000	347755	0	0.169	N.D. #
40)	L8 AR-1262-5	10.598	9.042f	1599852	10712090	1.406	17.375 #
41)	L9 AR-1268-1	9.789	0.000	347755	0	0.099	N.D. #
43)	L9 AR-1268-3	10.126	0.000	1507427	0	0.514	N.D. #

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Integration File signal 1: autoint1.e
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 Quant Time: May 17 17:30:33 2021
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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
44) L9	AR-1268-4	10.598	9.042f	1599852	10712090	1.388	16.728 #
45) L9	AR-1268-5	11.041	9.315	5069971	2445072	0.542	0.505

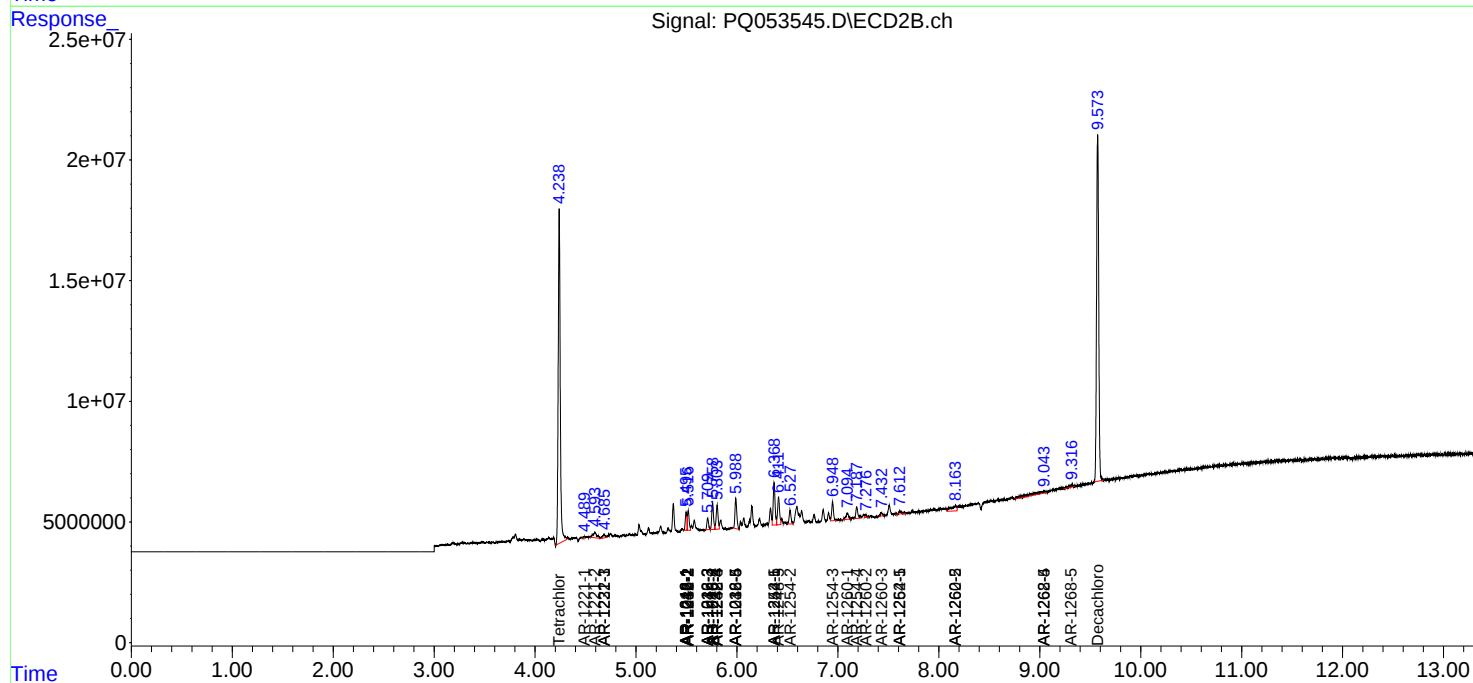
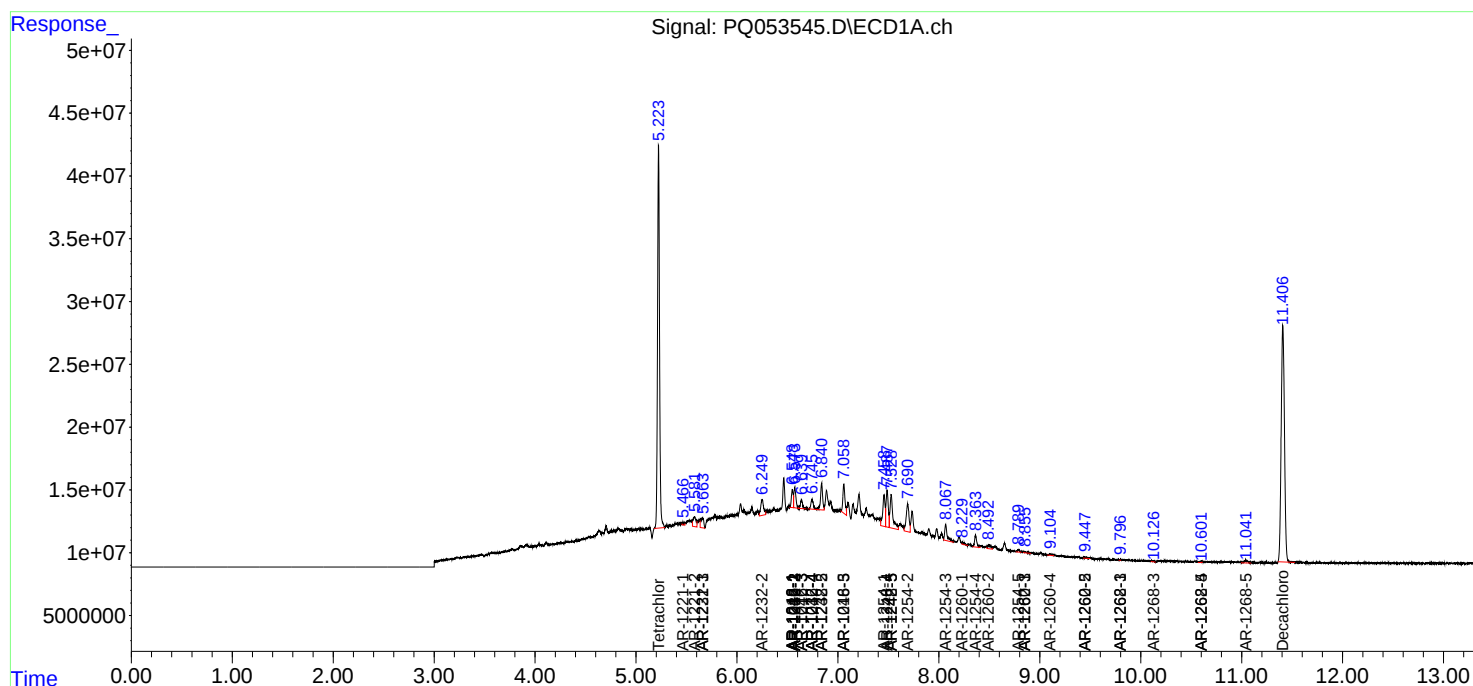
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

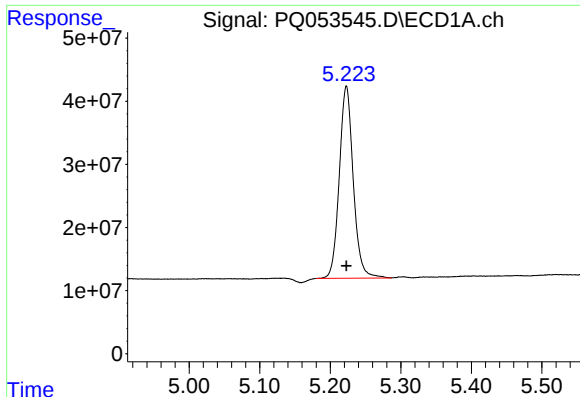
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051721\
Data File : PQ053545.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2021 11:02
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

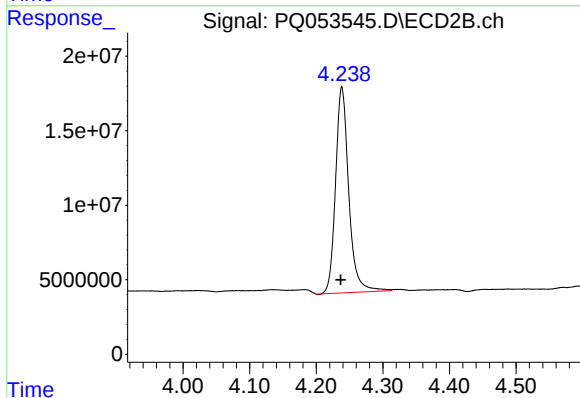




#1 Tetrachloro-m-xylene

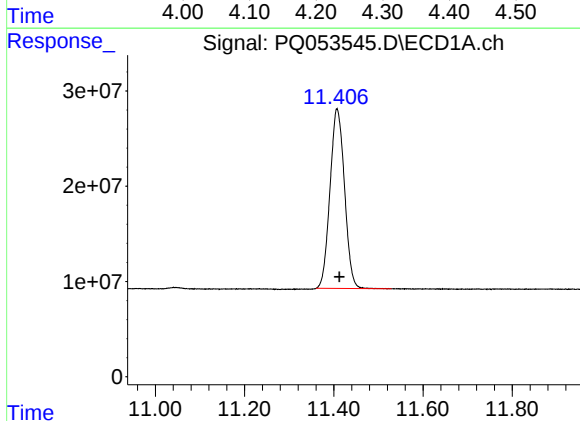
R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 418890052
Conc: 14.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



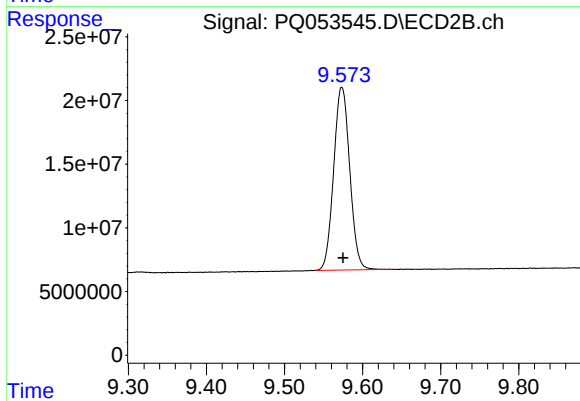
#1 Tetrachloro-m-xylene

R.T.: 4.238 min
Delta R.T.: 0.002 min
Response: 190373702
Conc: 14.77 ng/ml



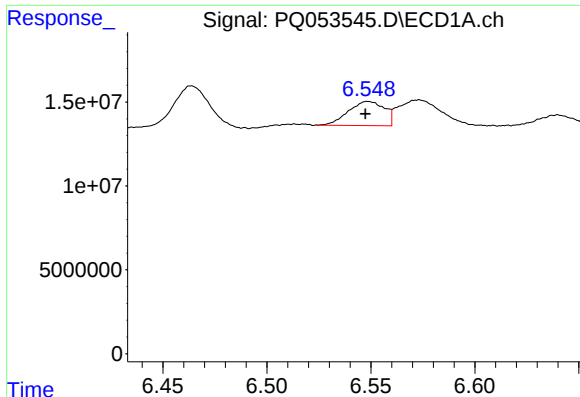
#2 Decachlorobiphenyl

R.T.: 11.407 min
Delta R.T.: -0.005 min
Response: 425574783
Conc: 14.25 ng/ml



#2 Decachlorobiphenyl

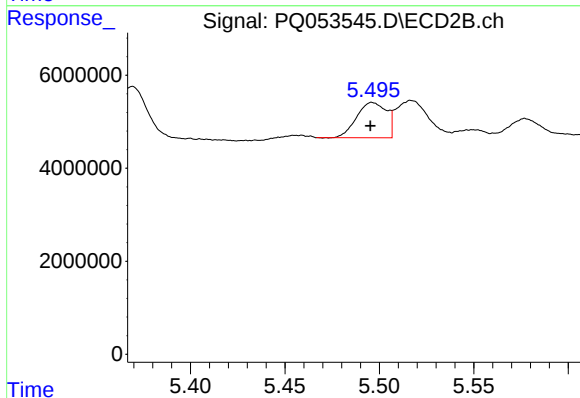
R.T.: 9.573 min
Delta R.T.: -0.001 min
Response: 205508512
Conc: 14.47 ng/ml



#3 AR-1016-1

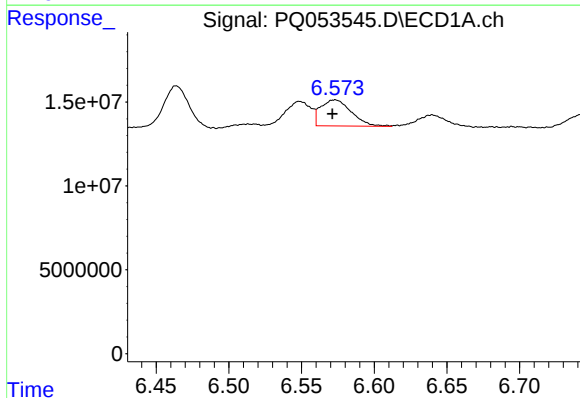
R.T.: 6.549 min
Delta R.T.: 0.001 min
Response: 17355472
Conc: 17.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



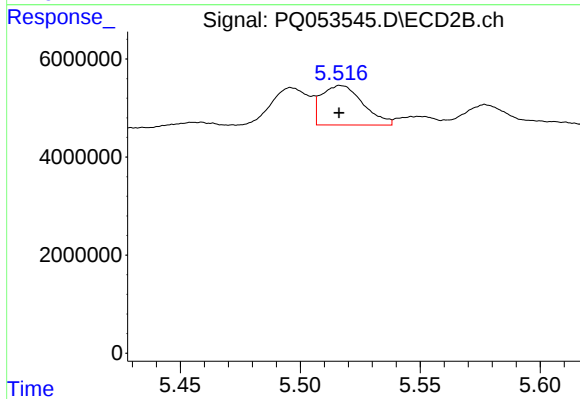
#3 AR-1016-1

R.T.: 5.496 min
Delta R.T.: 0.001 min
Response: 8323106
Conc: 18.29 ng/ml



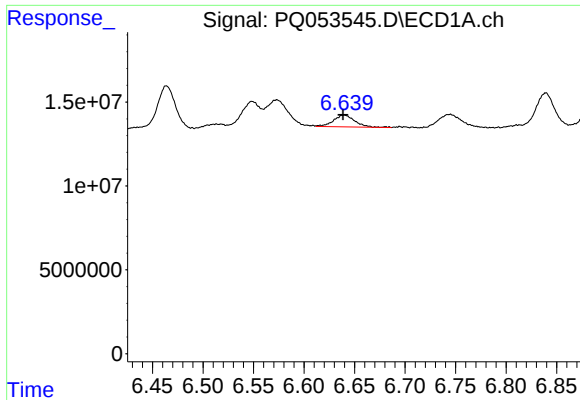
#4 AR-1016-2

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 22771483
Conc: 14.79 ng/ml



#4 AR-1016-2

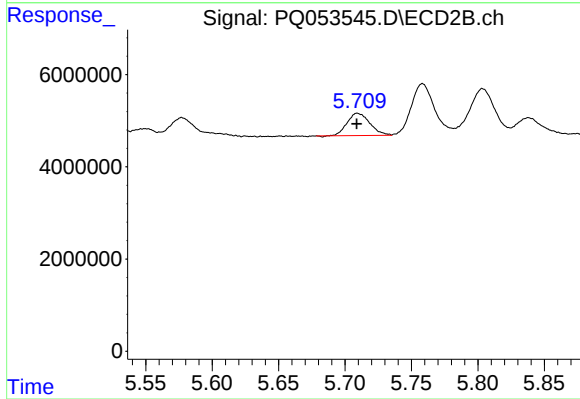
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 9694984
Conc: 14.31 ng/ml



#5 AR-1016-3

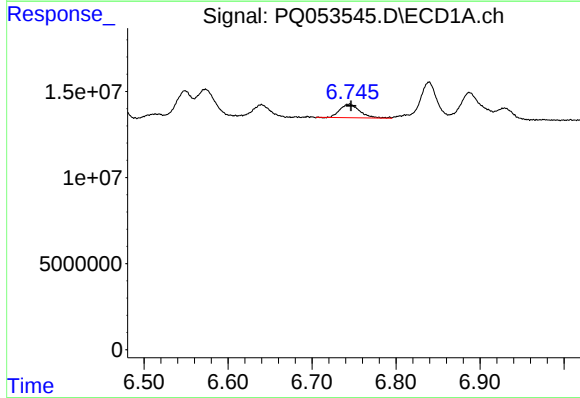
R.T.: 6.640 min
Delta R.T.: 0.001 min
Response: 10332932
Conc: 11.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



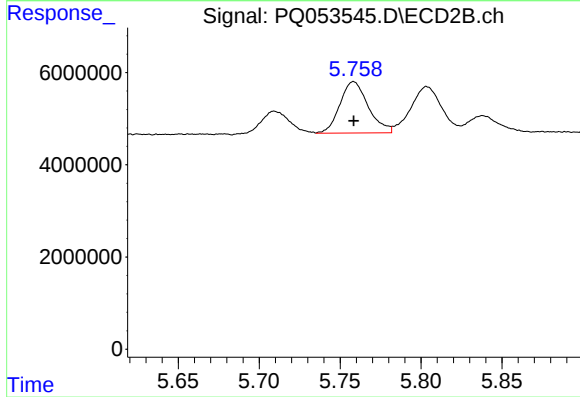
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 5779089
Conc: 16.70 ng/ml



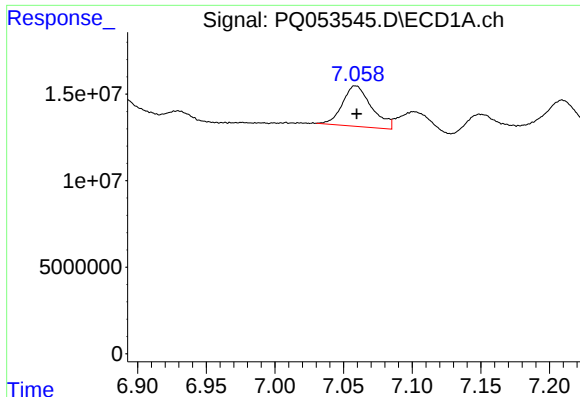
#6 AR-1016-4

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 12944528
Conc: 17.57 ng/ml



#6 AR-1016-4

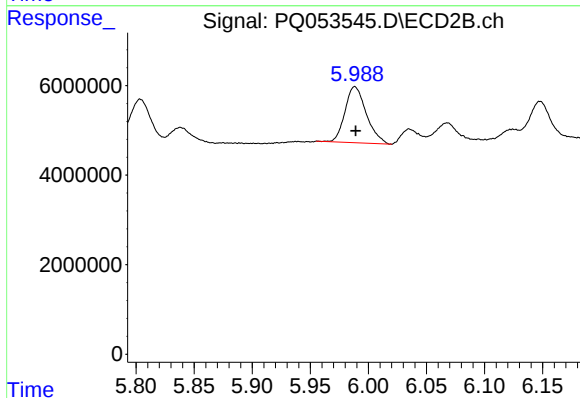
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 13638414
Conc: 48.21 ng/ml



#7 AR-1016-5

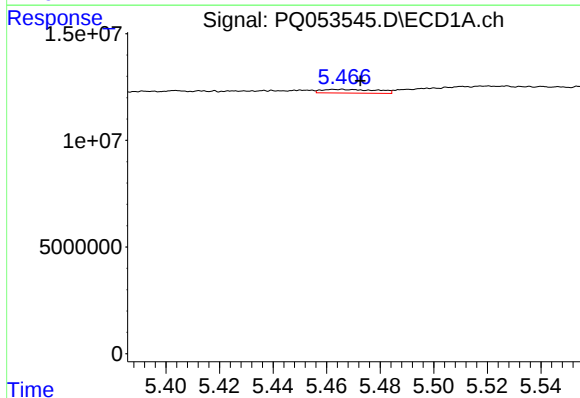
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 34574917
Conc: 47.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



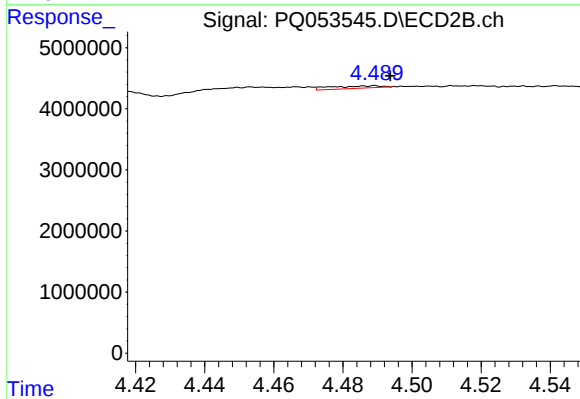
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 15980956
Conc: 44.27 ng/ml



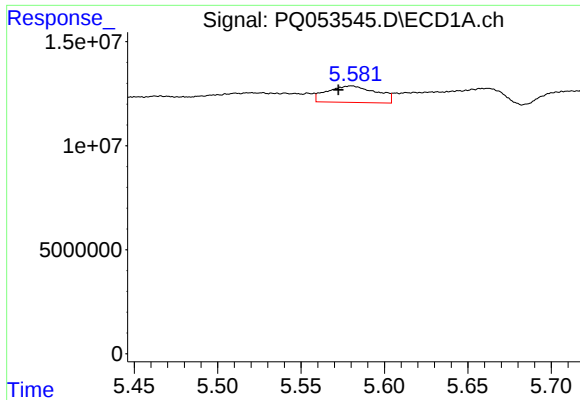
#8 AR-1221-1

R.T.: 5.466 min
Delta R.T.: -0.007 min
Response: 2484169
Conc: 8.51 ng/ml



#8 AR-1221-1

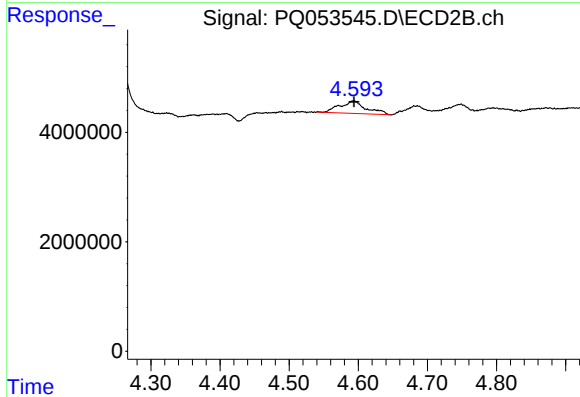
R.T.: 4.489 min
Delta R.T.: -0.005 min
Response: 408697
Conc: 3.06 ng/ml



#9 AR-1221-2

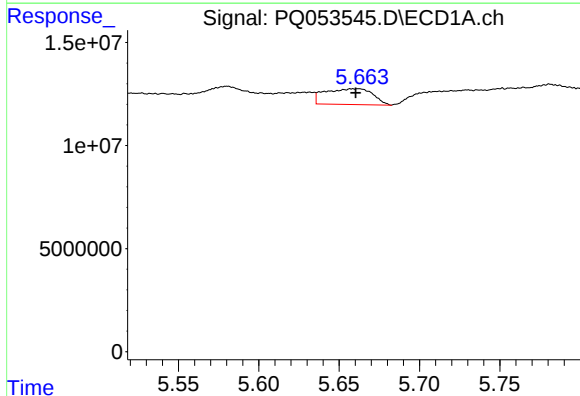
R.T.: 5.580 min
Delta R.T.: 0.008 min
Response: 16311043
Conc: 76.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



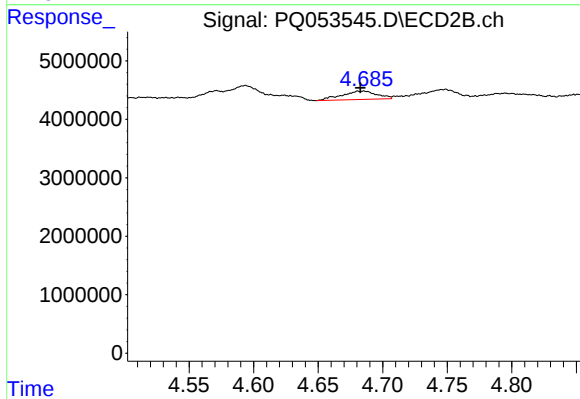
#9 AR-1221-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 6012879
Conc: 59.95 ng/ml



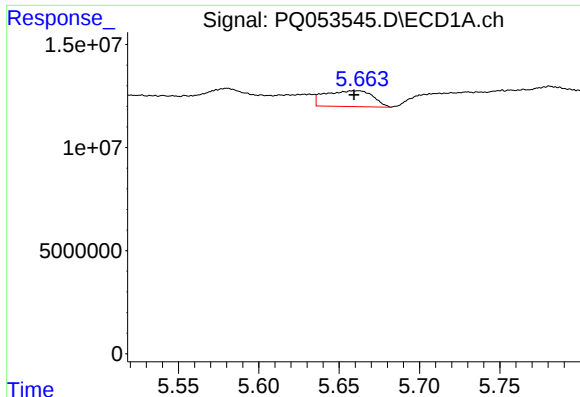
#10 AR-1221-3

R.T.: 5.662 min
Delta R.T.: 0.002 min
Response: 15903910
Conc: 22.79 ng/ml



#10 AR-1221-3

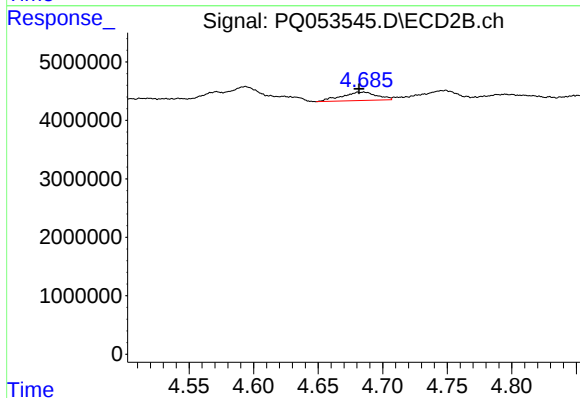
R.T.: 4.686 min
Delta R.T.: 0.003 min
Response: 2709402
Conc: 8.31 ng/ml



#11 AR-1232-1

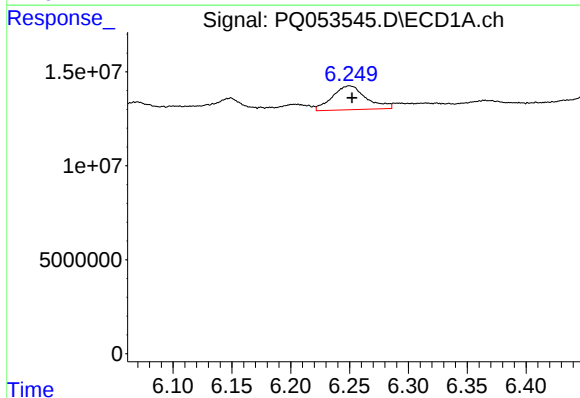
R.T.: 5.662 min
Delta R.T.: 0.003 min
Response: 15903910
Conc: 30.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



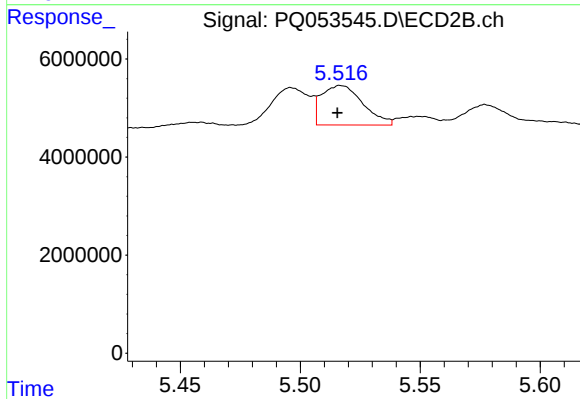
#11 AR-1232-1

R.T.: 4.686 min
Delta R.T.: 0.004 min
Response: 2709402
Conc: 11.42 ng/ml



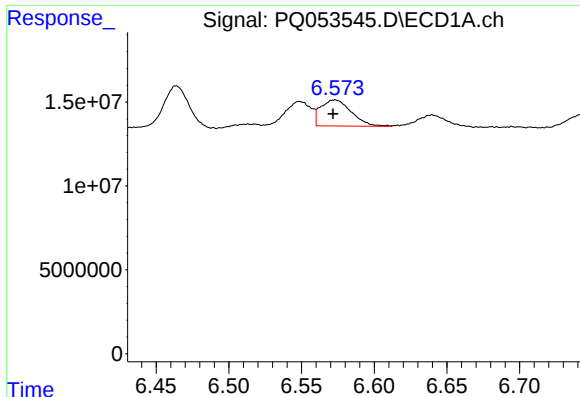
#12 AR-1232-2

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 25512701
Conc: 91.62 ng/ml



#12 AR-1232-2

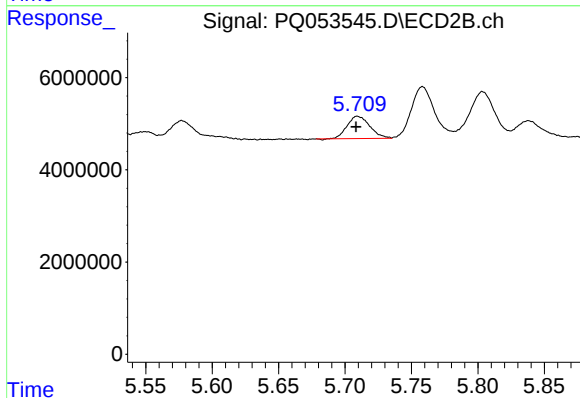
R.T.: 5.517 min
Delta R.T.: 0.002 min
Response: 9694984
Conc: 38.33 ng/ml



#13 AR-1232-3

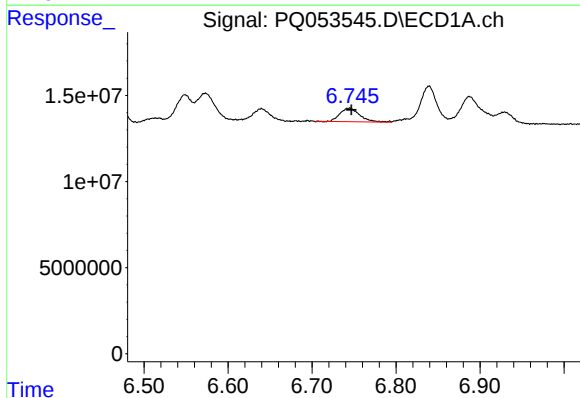
R.T.: 6.573 min
Delta R.T.: 0.001 min
Response: 22771483
Conc: 38.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



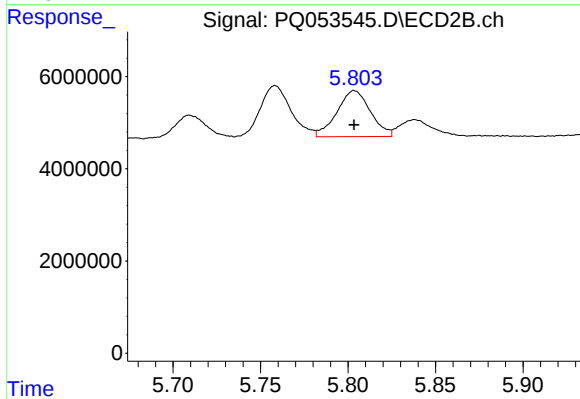
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: 0.001 min
Response: 5779089
Conc: 45.45 ng/ml



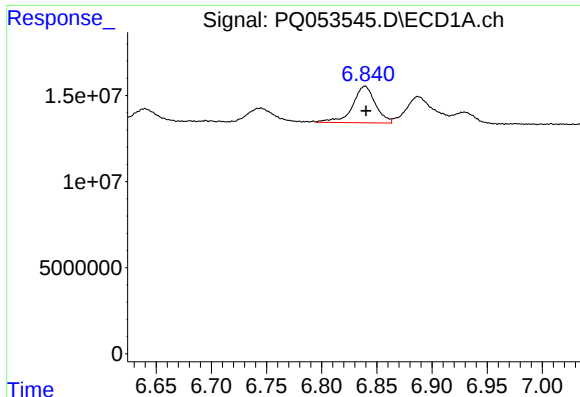
#14 AR-1232-4

R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 12944528
Conc: 47.42 ng/ml



#14 AR-1232-4

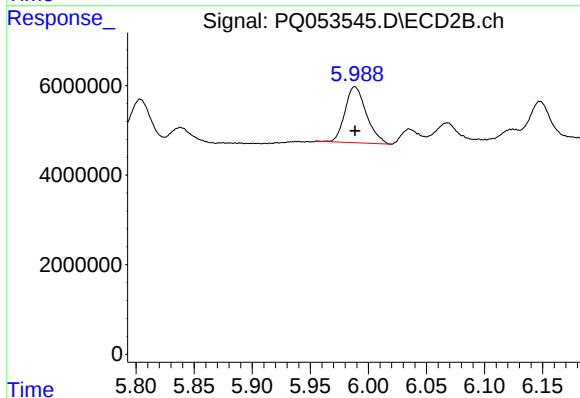
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 13307488
Conc: 118.64 ng/ml



#15 AR-1232-5

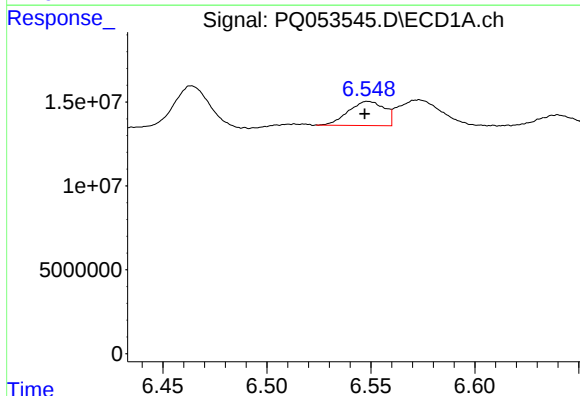
R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 30535965
Conc: 153.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



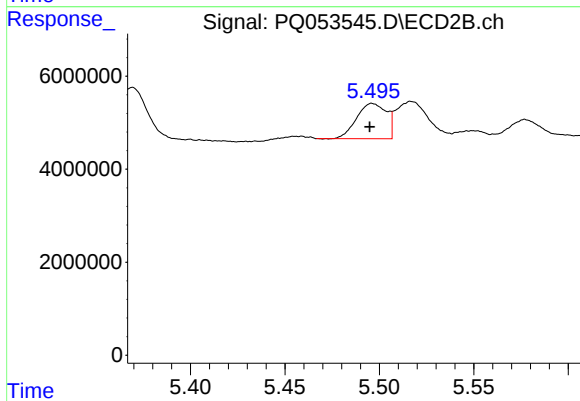
#15 AR-1232-5

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 15980956
Conc: 130.03 ng/ml



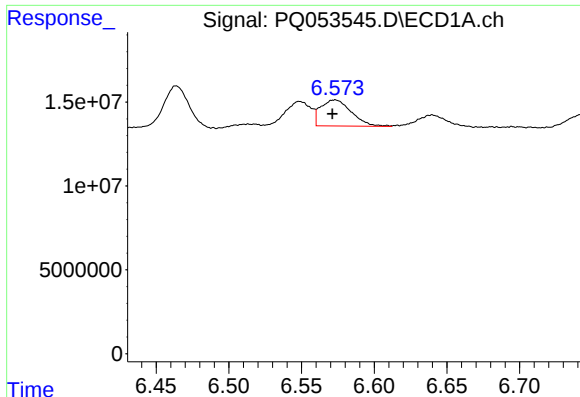
#16 AR-1242-1

R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 17355472
Conc: 24.83 ng/ml



#16 AR-1242-1

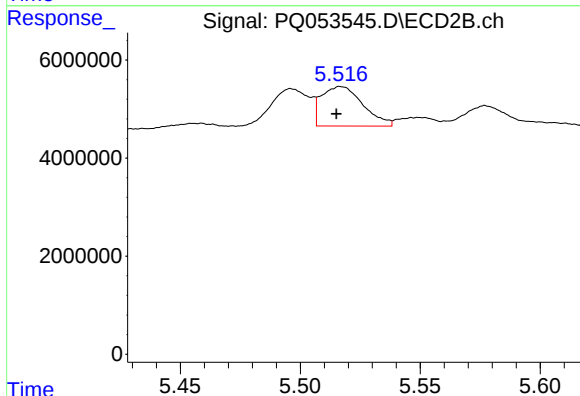
R.T.: 5.496 min
Delta R.T.: 0.001 min
Response: 8323106
Conc: 25.93 ng/ml



#17 AR-1242-2

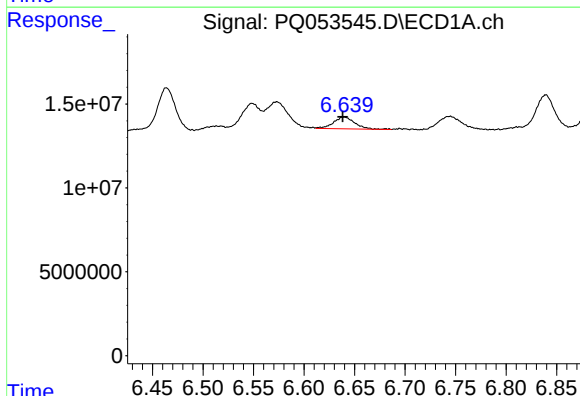
R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 22771483
Conc: 21.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



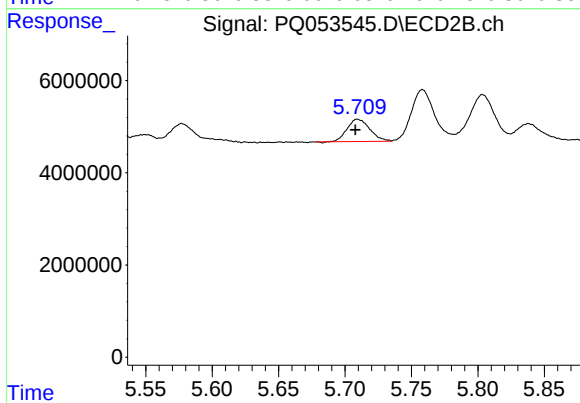
#17 AR-1242-2

R.T.: 5.517 min
Delta R.T.: 0.002 min
Response: 9694984
Conc: 20.52 ng/ml



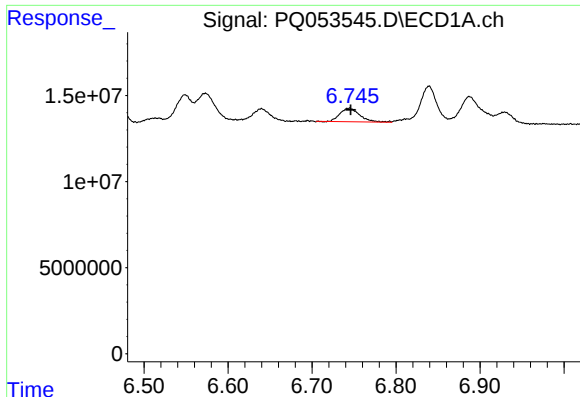
#18 AR-1242-3

R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 10332932
Conc: 15.91 ng/ml



#18 AR-1242-3

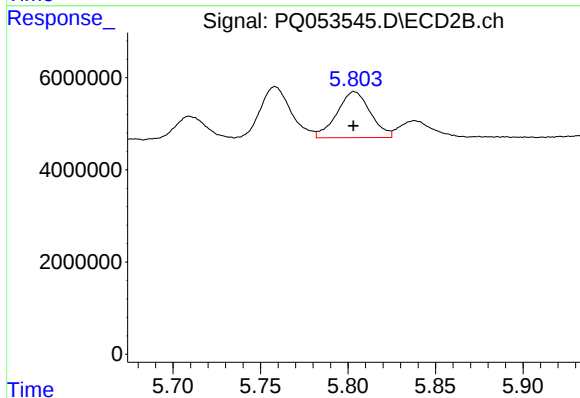
R.T.: 5.709 min
Delta R.T.: 0.002 min
Response: 5779089
Conc: 23.75 ng/ml



#19 AR-1242-4

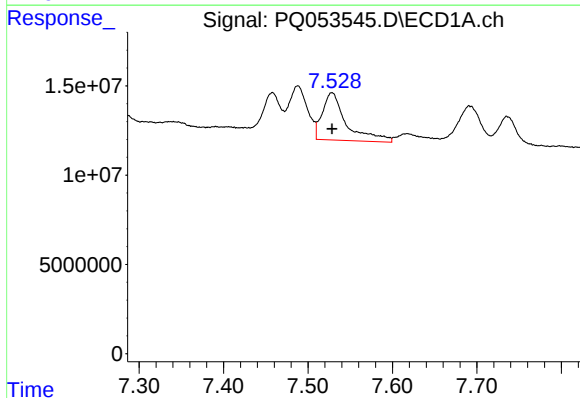
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 12944528
Conc: 24.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



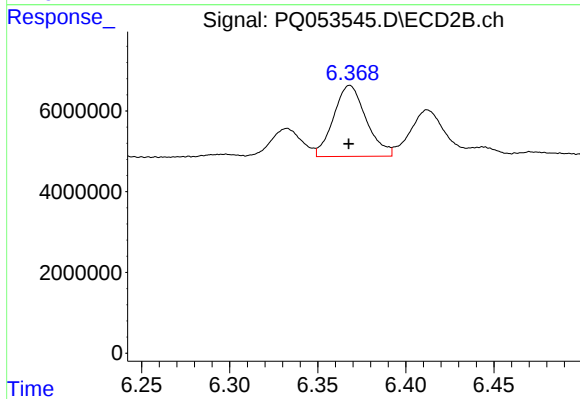
#19 AR-1242-4

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 13307488
Conc: 56.16 ng/ml



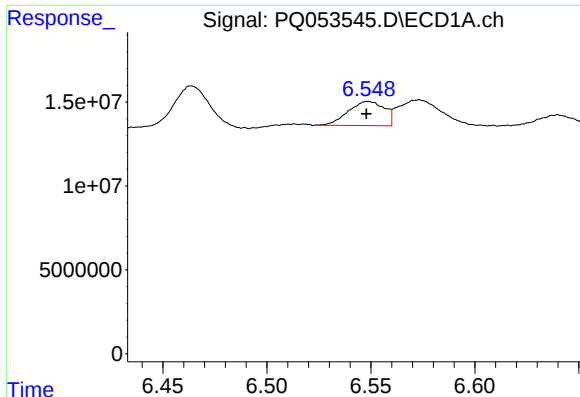
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 52643032
Conc: 90.18 ng/ml



#20 AR-1242-5

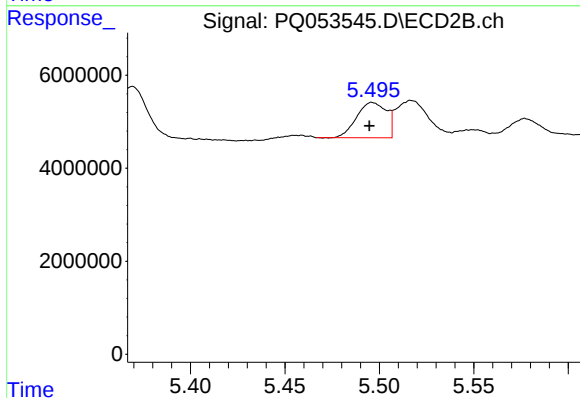
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 22656918
Conc: 71.02 ng/ml



#21 AR-1248-1

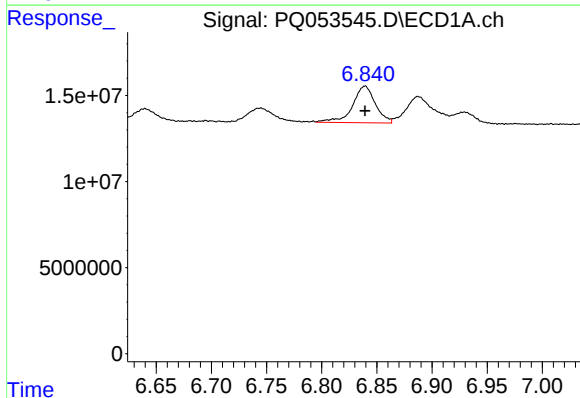
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 17355472
Conc: 33.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



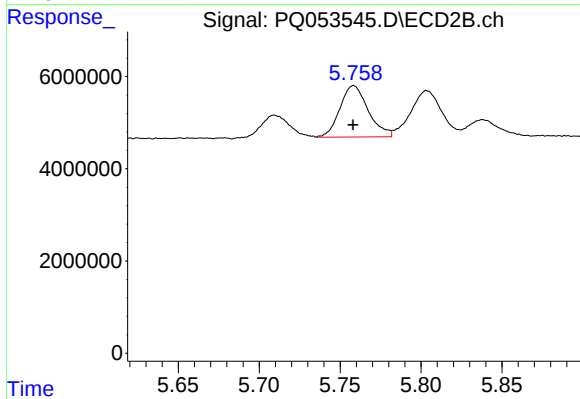
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 8323106
Conc: 34.43 ng/ml



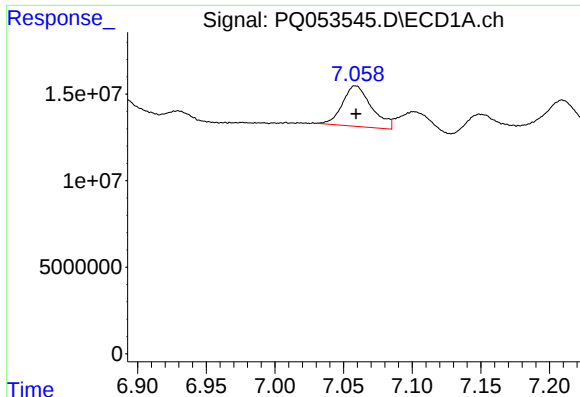
#22 AR-1248-2

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 30535965
Conc: 40.28 ng/ml



#22 AR-1248-2

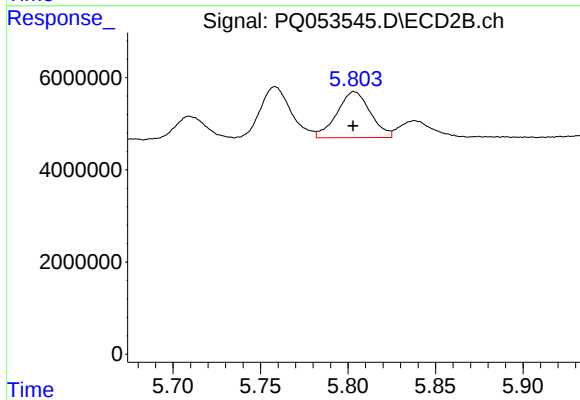
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 13638414
Conc: 39.55 ng/ml



#23 AR-1248-3

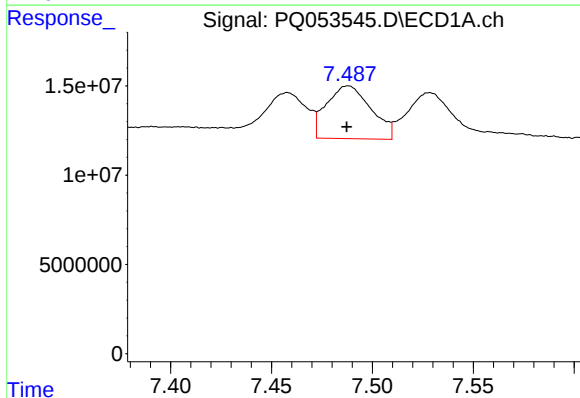
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 34574917
Conc: 40.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



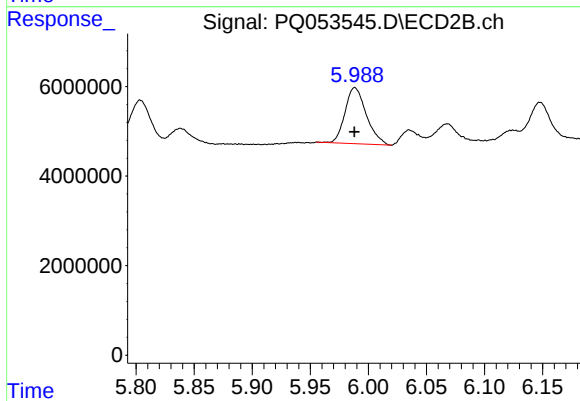
#23 AR-1248-3

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 13307488
Conc: 37.94 ng/ml



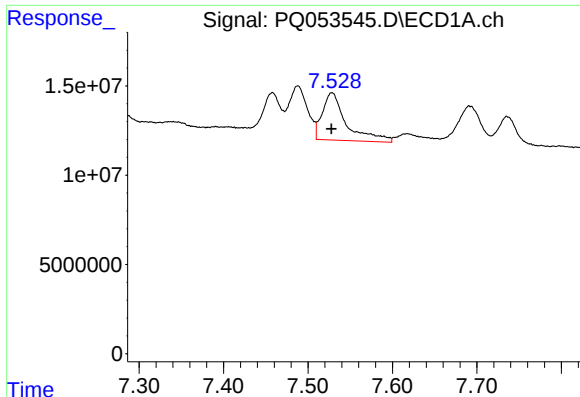
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 45512575
Conc: 46.79 ng/ml



#24 AR-1248-4

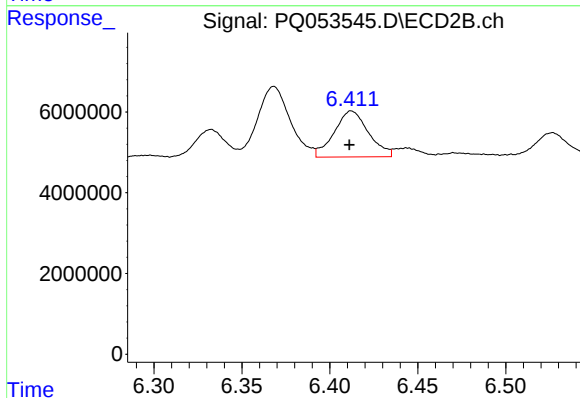
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 15980956
Conc: 37.40 ng/ml



#25 AR-1248-5

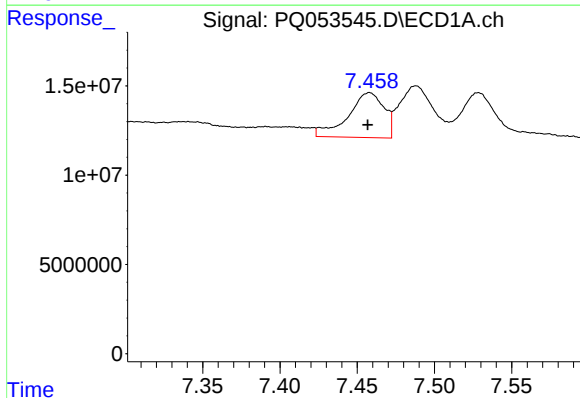
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 52643032
Conc: 53.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



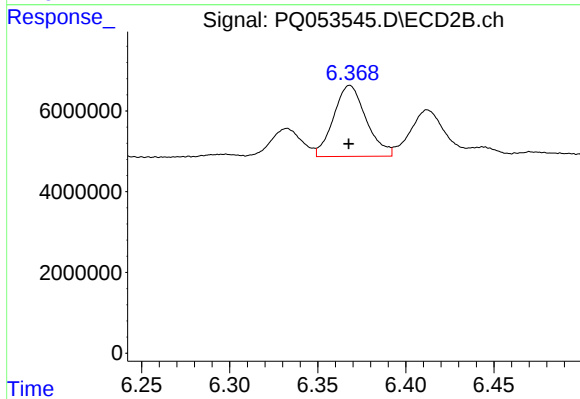
#25 AR-1248-5

R.T.: 6.412 min
Delta R.T.: 0.001 min
Response: 15503333
Conc: 36.56 ng/ml



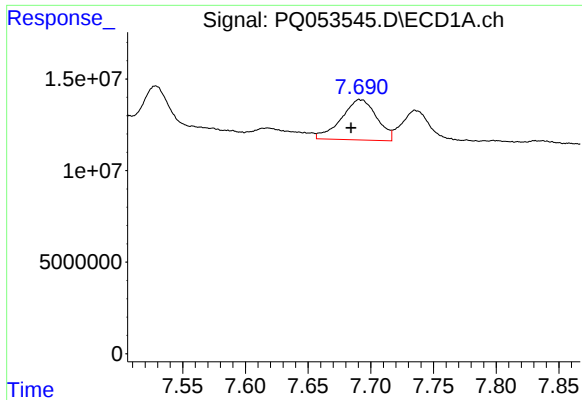
#26 AR-1254-1

R.T.: 7.458 min
Delta R.T.: 0.001 min
Response: 40837476
Conc: 41.95 ng/ml



#26 AR-1254-1

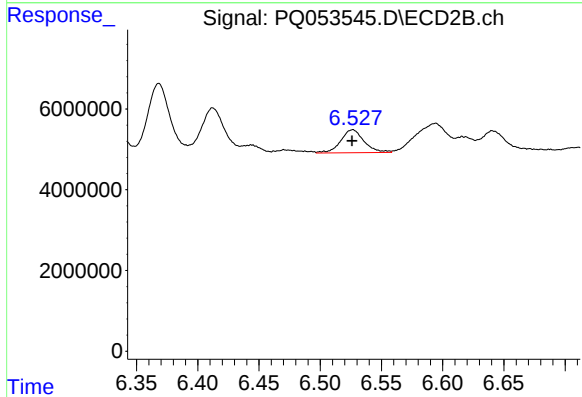
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 22656918
Conc: 33.47 ng/ml



#27 AR-1254-2

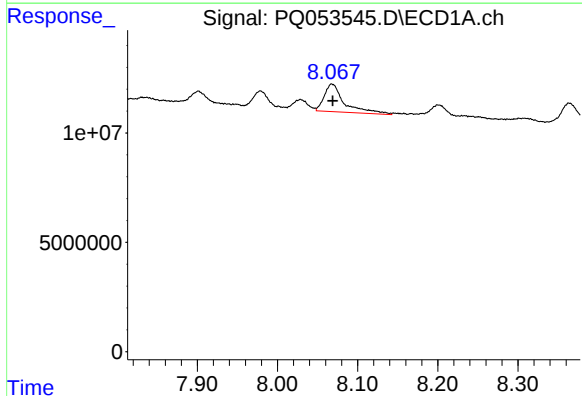
R.T.: 7.691 min
Delta R.T.: 0.007 min
Response: 43285430
Conc: 28.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



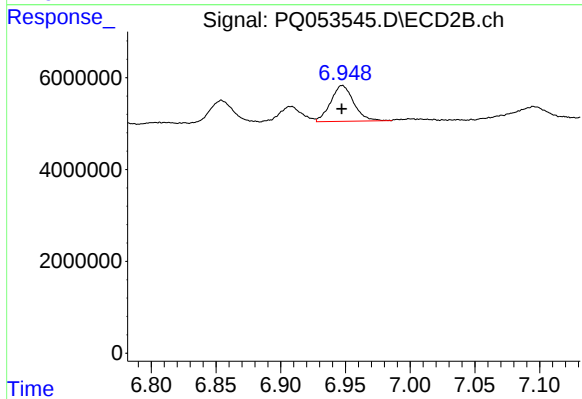
#27 AR-1254-2

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 7584951
Conc: 12.18 ng/ml



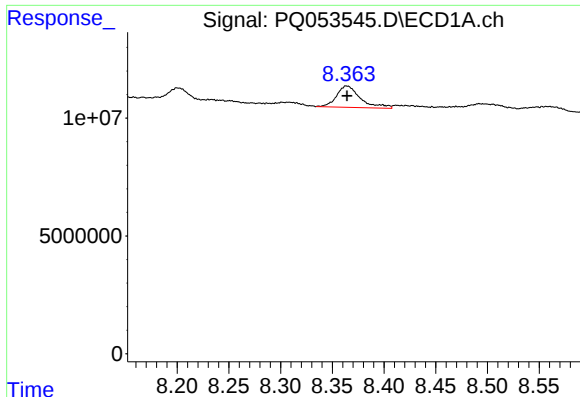
#28 AR-1254-3

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 22097588
Conc: 14.14 ng/ml



#28 AR-1254-3

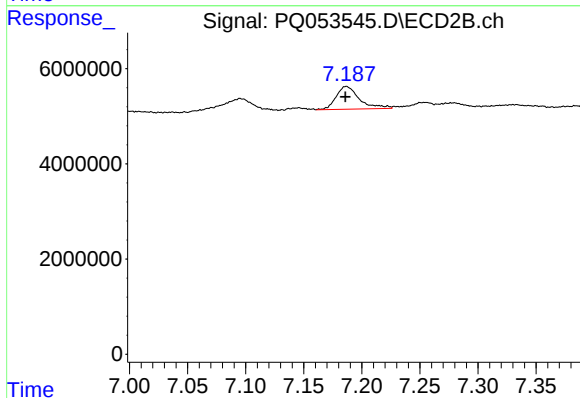
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 9667748
Conc: 9.74 ng/ml



#29 AR-1254-4

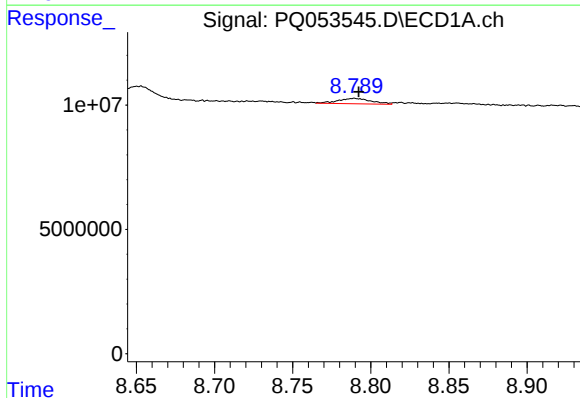
R.T.: 8.364 min
Delta R.T.: 0.000 min
Response: 14626486
Conc: 12.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



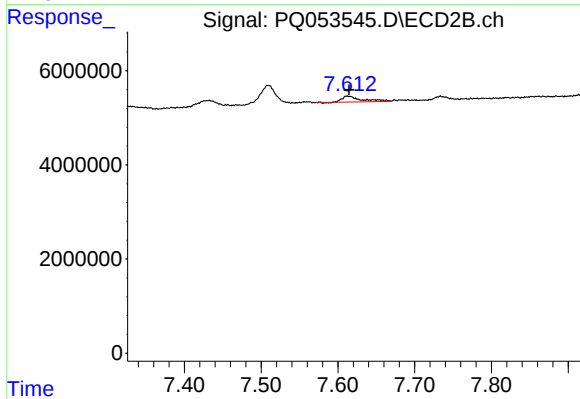
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 6657101
Conc: 10.72 ng/ml



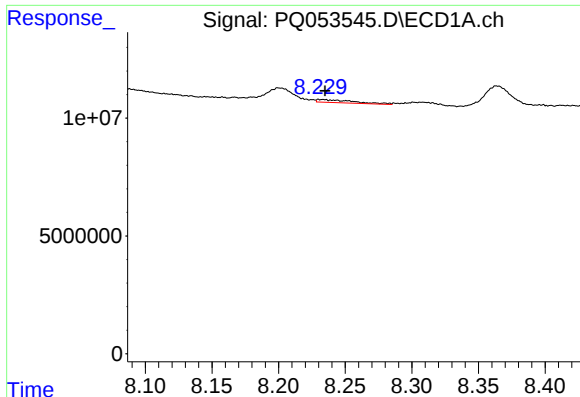
#30 AR-1254-5

R.T.: 8.789 min
Delta R.T.: -0.003 min
Response: 3221051
Conc: 2.50 ng/ml



#30 AR-1254-5

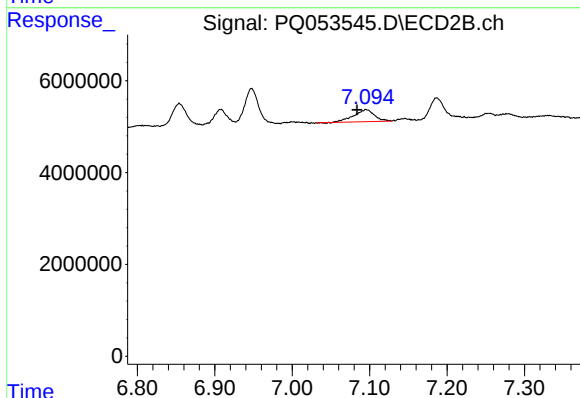
R.T.: 7.612 min
Delta R.T.: -0.002 min
Response: 2170435
Conc: 2.24 ng/ml



#31 AR-1260-1

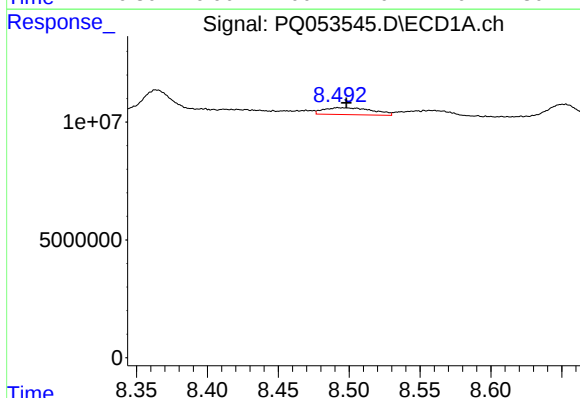
R.T.: 8.233 min
Delta R.T.: -0.001 min
Response: 2420524
Conc: 1.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



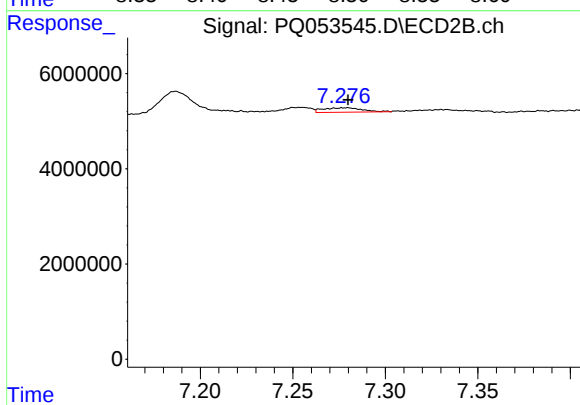
#31 AR-1260-1

R.T.: 7.096 min
Delta R.T.: 0.012 min
Response: 4886331
Conc: 6.06 ng/ml



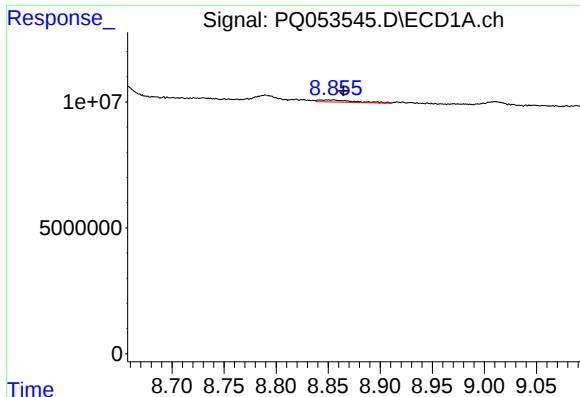
#32 AR-1260-2

R.T.: 8.492 min
Delta R.T.: -0.006 min
Response: 6881014
Conc: 4.00 ng/ml



#32 AR-1260-2

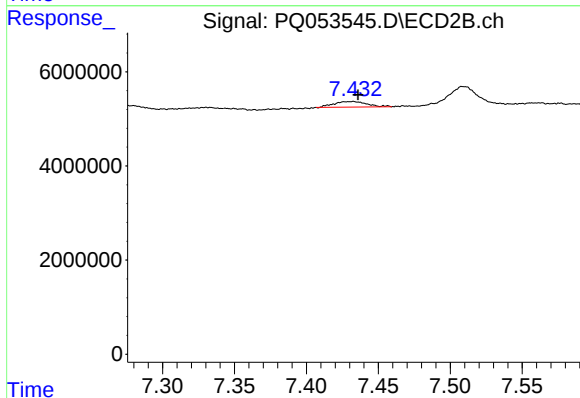
R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 1395868
Conc: 1.23 ng/ml



#33 AR-1260-3

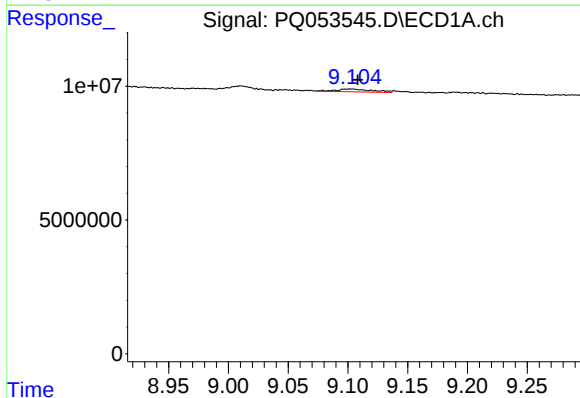
R.T.: 8.855 min
Delta R.T.: -0.009 min
Response: 2088889
Conc: 1.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



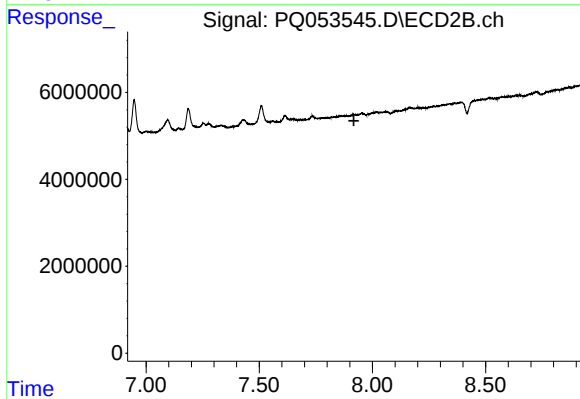
#33 AR-1260-3

R.T.: 7.432 min
Delta R.T.: -0.004 min
Response: 1876221
Conc: 1.97 ng/ml



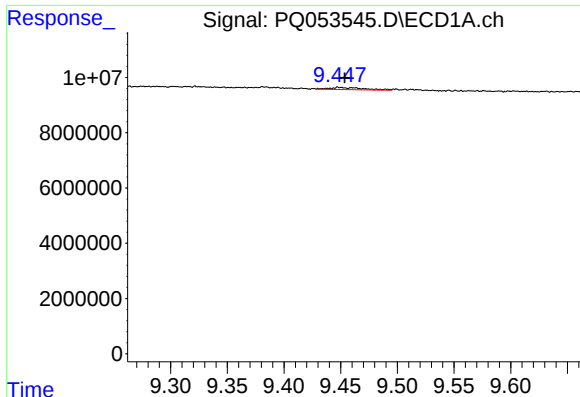
#34 AR-1260-4

R.T.: 9.102 min
Delta R.T.: -0.006 min
Response: 2205850
Conc: 1.73 ng/ml



#34 AR-1260-4

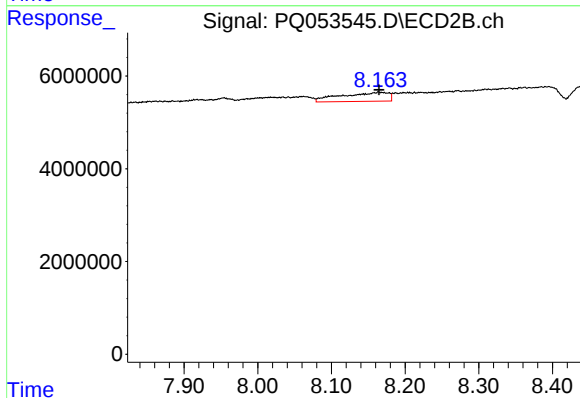
R.T.: 0.000 min
Exp R.T.: 7.918 min
Response: 0
Conc: N.D.



#35 AR-1260-5

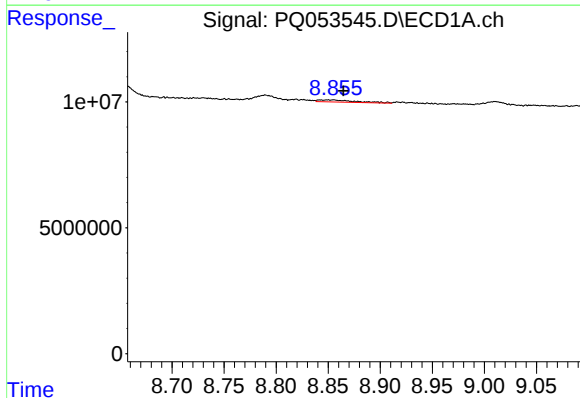
R.T.: 9.448 min
Delta R.T.: -0.006 min
Response: 1679823
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



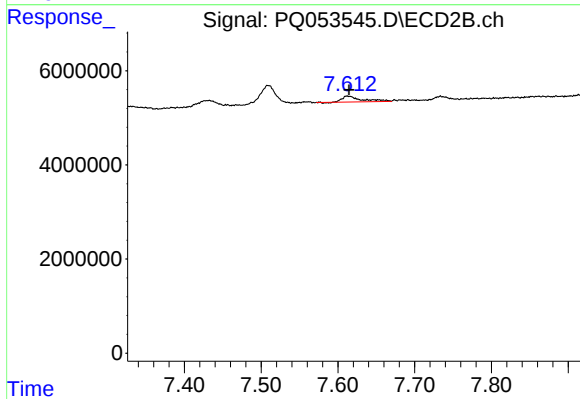
#35 AR-1260-5

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 8567025
Conc: 4.47 ng/ml



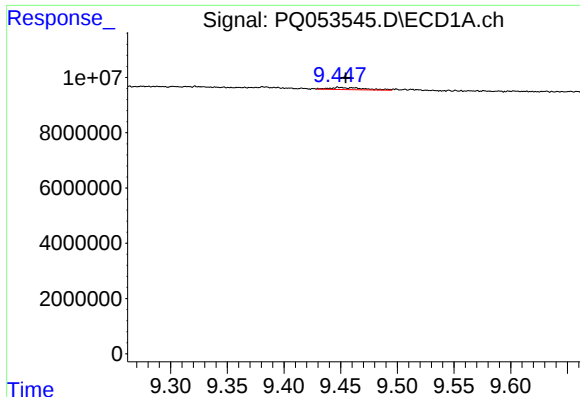
#36 AR-1262-1

R.T.: 8.855 min
Delta R.T.: -0.009 min
Response: 2088889
Conc: 1.21 ng/ml



#36 AR-1262-1

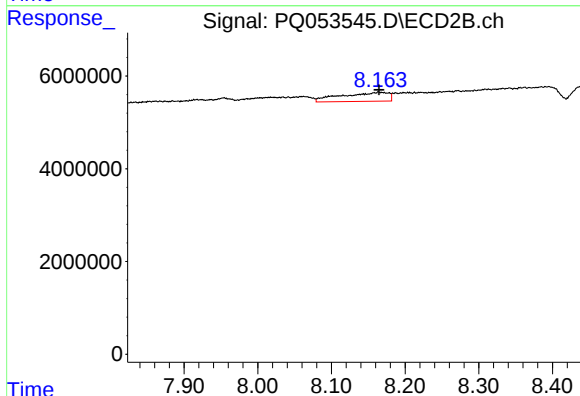
R.T.: 7.612 min
Delta R.T.: -0.003 min
Response: 2170435
Conc: 4.53 ng/ml



#37 AR-1262-2

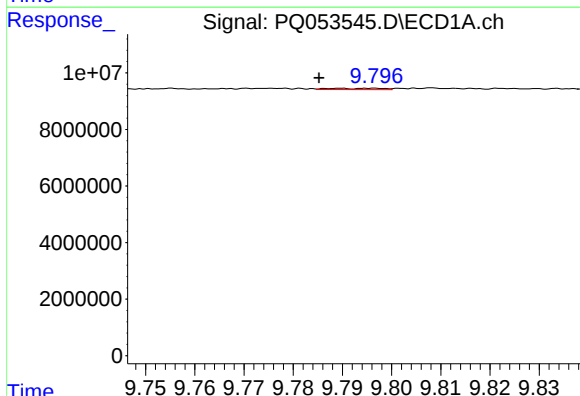
R.T.: 9.448 min
Delta R.T.: -0.006 min
Response: 1679823
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



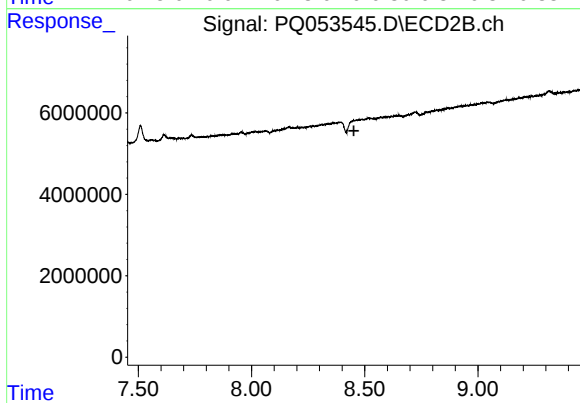
#37 AR-1262-2

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 8567025
Conc: 4.18 ng/ml



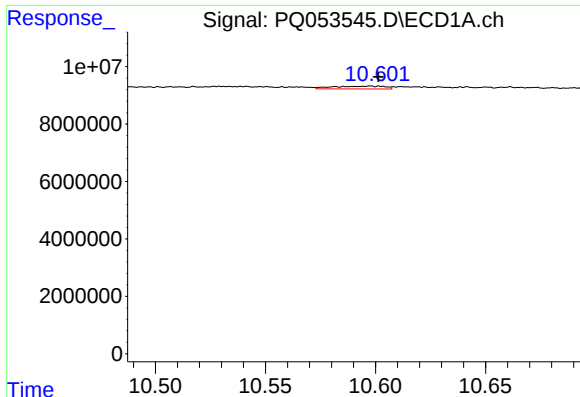
#38 AR-1262-3

R.T.: 9.789 min
Delta R.T.: 0.004 min
Response: 347755
Conc: 0.17 ng/ml



#38 AR-1262-3

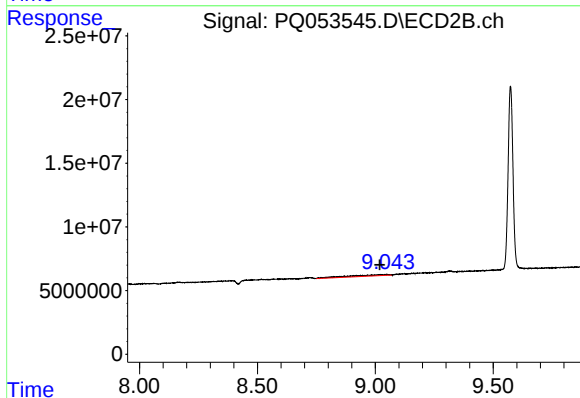
R.T.: 0.000 min
Exp R.T.: 8.452 min
Response: 0
Conc: N.D.



#40 AR-1262-5

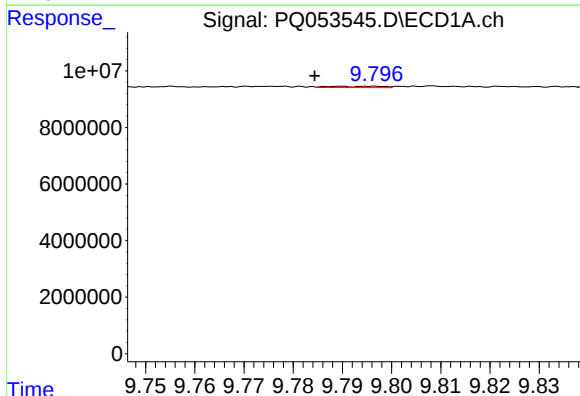
R.T.: 10.598 min
Delta R.T.: -0.004 min
Response: 1599852
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



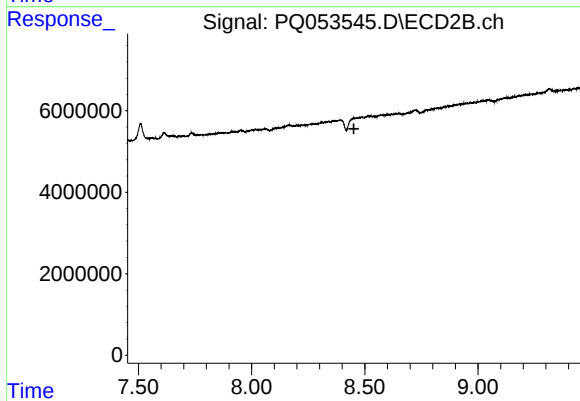
#40 AR-1262-5

R.T.: 9.042 min
Delta R.T.: 0.023 min
Response: 10712090
Conc: 17.37 ng/ml



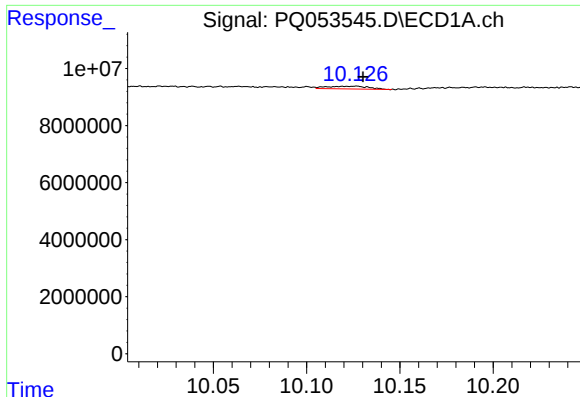
#41 AR-1268-1

R.T.: 9.789 min
Delta R.T.: 0.005 min
Response: 347755
Conc: 0.10 ng/ml



#41 AR-1268-1

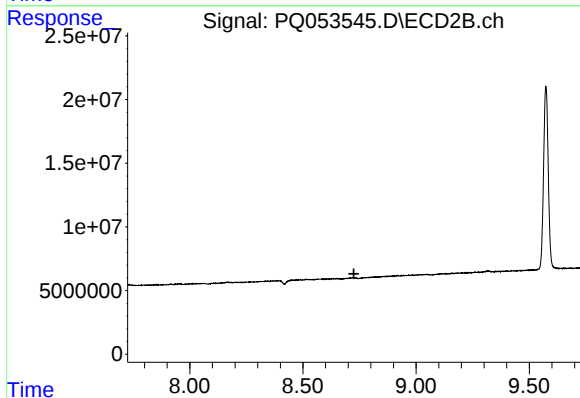
R.T.: 0.000 min
Exp R.T. : 8.452 min
Response: 0
Conc: N.D.



#43 AR-1268-3

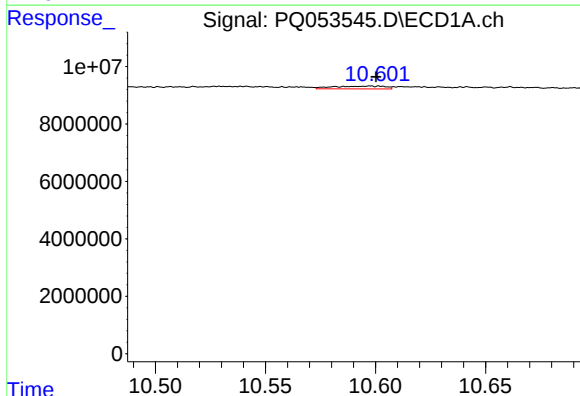
R.T.: 10.126 min
Delta R.T.: -0.004 min
Response: 1507427
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



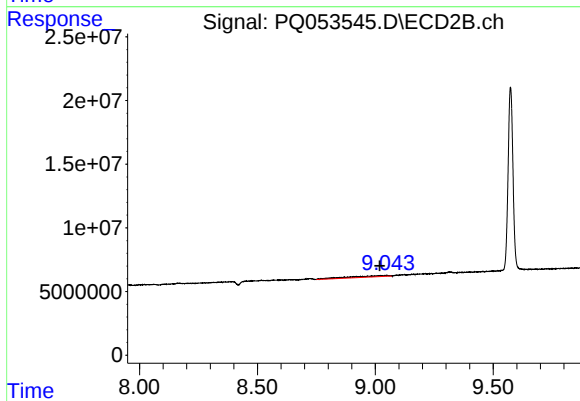
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.725 min
Response: 0
Conc: N.D.



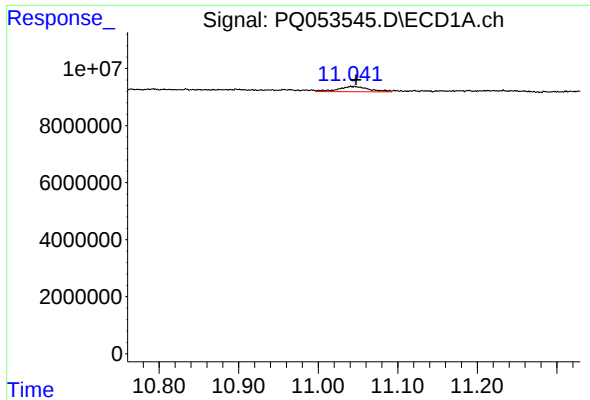
#44 AR-1268-4

R.T.: 10.598 min
Delta R.T.: -0.003 min
Response: 1599852
Conc: 1.39 ng/ml



#44 AR-1268-4

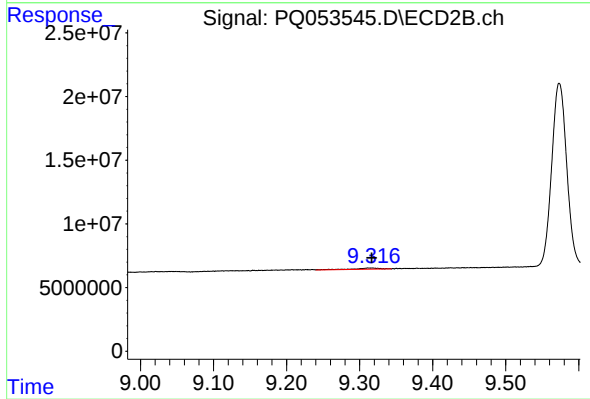
R.T.: 9.042 min
Delta R.T.: 0.024 min
Response: 10712090
Conc: 16.73 ng/ml



#45 AR-1268-5

R.T.: 11.041 min
Delta R.T.: -0.007 min
Response: 5069971
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.315 min
Delta R.T.: -0.002 min
Response: 2445072
Conc: 0.50 ng/ml