

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 06:35
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1252 LOD 40 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 07:25:41 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	4.783	43381410	15987641	27.227	26.394
2)	SA Decachlor...	12.082	10.554	149.5E6	74892139	23.698	23.910
Target Compounds							
3)	L1 AR-1016-1	0.000	6.176	0	47561	N.D.	1.612 #
4)	L1 AR-1016-2	0.000	6.331	0	29346	N.D.	0.749 #
6)	L1 AR-1016-4	0.000	6.576	0	25030	N.D.	1.437 #
8)	L2 AR-1221-1	0.000	5.026	0	79391	N.D.	13.621 #
9)	L2 AR-1221-2	0.000	5.202	0	87348	N.D.	18.166 #
10)	L2 AR-1221-3	0.000	5.352	0	48946	N.D.	2.982 #
11)	L3 AR-1232-1	0.000	5.352	0	48946	N.D.	2.649 #
12)	L3 AR-1232-2	0.000	6.331	0	29346	N.D.	1.471 #
14)	L3 AR-1232-4	0.000	6.576	0	25030	N.D.	2.452 #
16)	L4 AR-1242-1	0.000	6.176	0	47561	N.D.	2.753 #
17)	L4 AR-1242-2	0.000	6.331	0	29346	N.D.	1.264 #
19)	L4 AR-1242-4	0.000	6.576	0	25030	N.D.	1.970 #
20)	L4 AR-1242-5	0.000	7.191	0	817099	N.D.	40.812 #
21)	L5 AR-1248-1	0.000	6.176	0	47561	N.D.	3.776 #
22)	L5 AR-1248-2	0.000	6.576	0	25030	N.D.	1.413 #
23)	L5 AR-1248-3	0.000	6.576	0	25030	N.D.	1.337 #
24)	L5 AR-1248-4	8.095	6.790	1592291	-9589	22.076	N.D. #
25)	L5 AR-1248-5	0.000	7.219	0	252839	N.D.	8.921 #
26)	L6 AR-1254-1	8.095	7.191	1592291	817099	22.179	18.063
27)	L6 AR-1254-2	8.335	7.357	1467842	1543716	11.939	35.027 #
28)	L6 AR-1254-3	8.787	7.822	5505406	2525221	37.854	33.853
29)	L6 AR-1254-4	9.097	8.053	1350246	628157	10.491	11.351
30)	L6 AR-1254-5	9.465	8.499	9632560	3601864	63.428	44.196 #
31)	L7 AR-1260-1	8.900	7.947	7784819	3909561	59.929	67.347
32)	L7 AR-1260-2	9.171	8.149	9617140	4771117	57.897	62.406
33)	L7 AR-1260-3	9.546	8.317	14727062	5269799	107.285	75.164 #
34)	L7 AR-1260-4	9.788	8.813	14777055	6056683	86.924	91.874
35)	L7 AR-1260-5	10.133	9.064	29579439	12494297	75.221	66.544
36)	L8 AR-1262-1	9.546	8.541	14727062	6445872	66.916	65.192
37)	L8 AR-1262-2	10.133	9.064	29579439	12494297	57.859	55.902
38)	L8 AR-1262-3	10.468	9.359	21186589	6051538	55.202	52.597
39)	L8 AR-1262-4	10.566	9.425	16763988	11746755	98.196	52.139 #
40)	L8 AR-1262-5	11.273	9.951	13166525	8178911	45.239	52.940
41)	L9 AR-1268-1	10.468	9.359	21186589	6051538	33.079	18.509 #
42)	L9 AR-1268-2	10.566	9.425	16763988	11746755	26.976	36.726 #
43)	L9 AR-1268-3	0.000	9.642	0	1539916	N.D.	5.434 #
44)	L9 AR-1268-4	11.273	9.951	13166525	8178911	45.388	50.324
45)	L9 AR-1268-5	11.717	10.271	6321801	3989337	2.651	3.177

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QLast Update : Thu Sep 12 02:33:14 2019
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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
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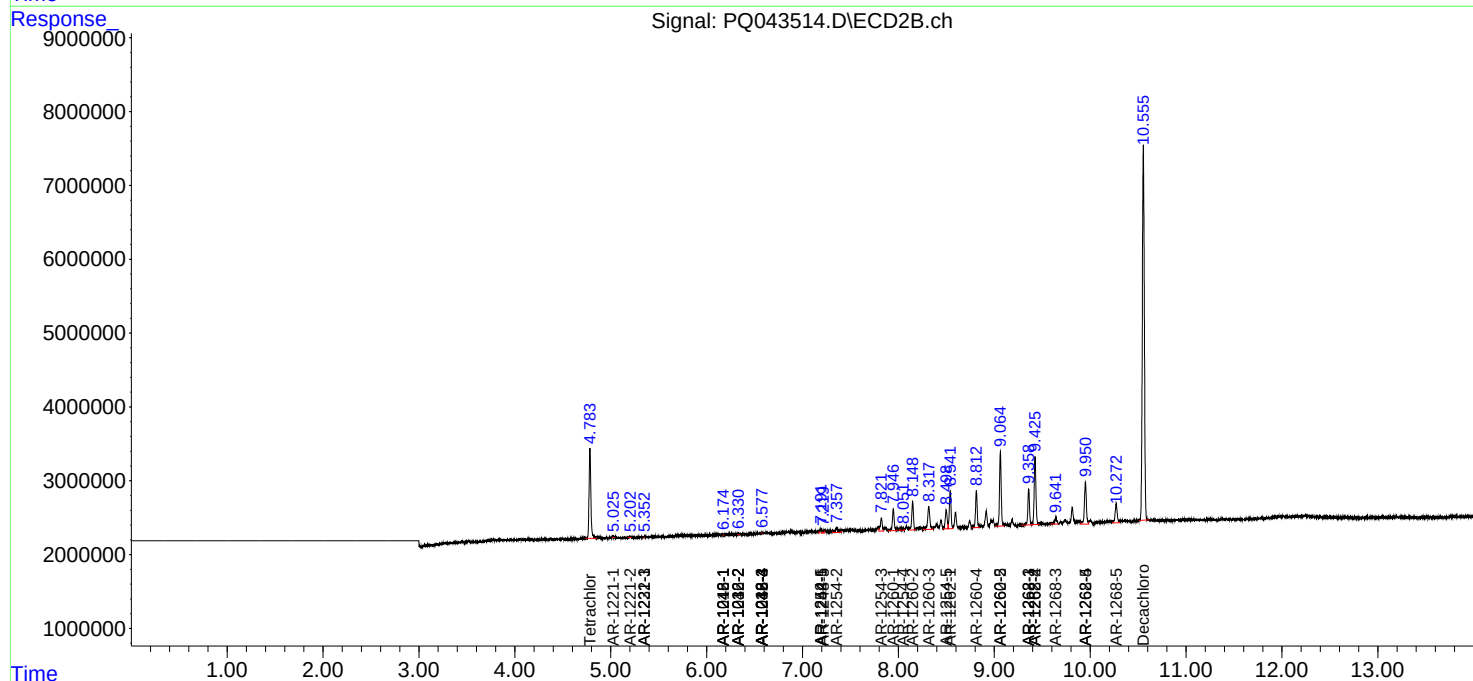
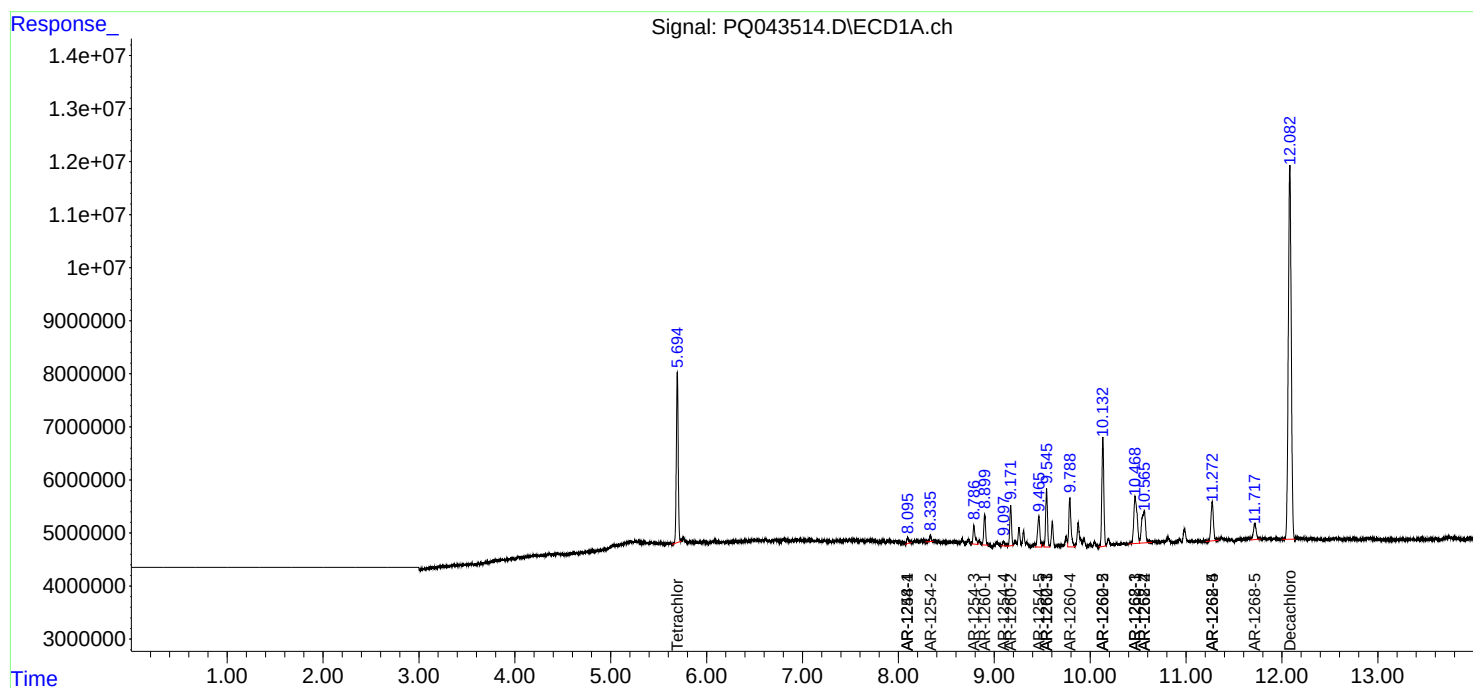
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

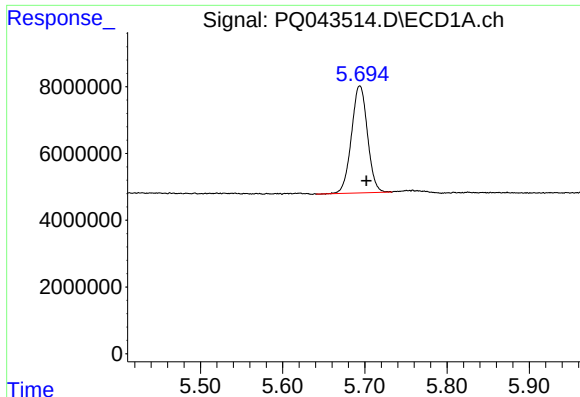
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
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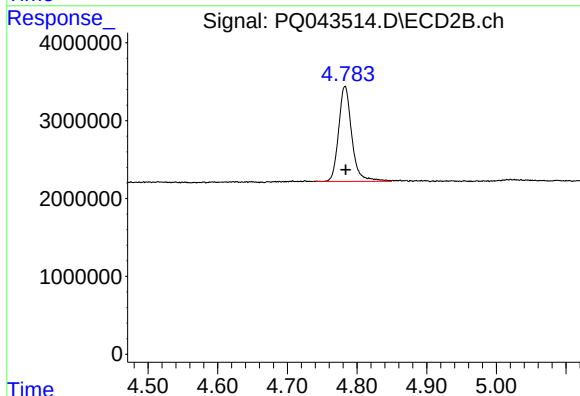




#1 Tetrachloro-m-xylene

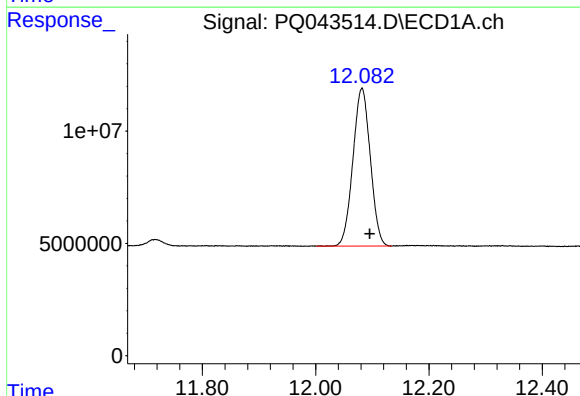
R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 43381410
Conc: 27.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



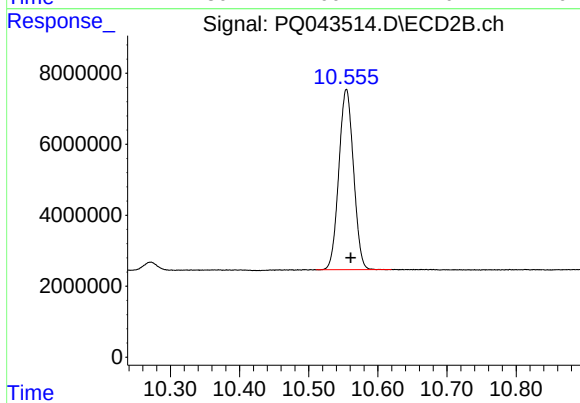
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 15987641
Conc: 26.39 ng/ml



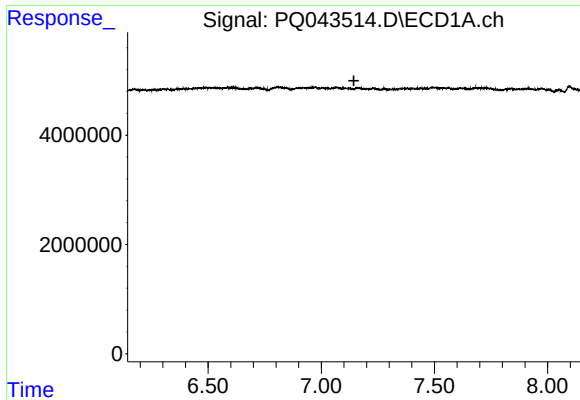
#2 Decachlorobiphenyl

R.T.: 12.082 min
Delta R.T.: -0.014 min
Response: 149466144
Conc: 23.70 ng/ml



#2 Decachlorobiphenyl

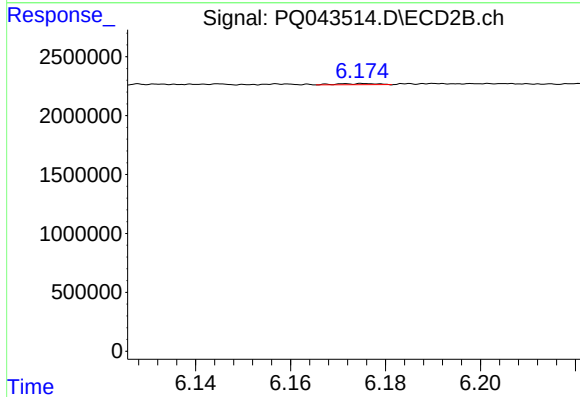
R.T.: 10.554 min
Delta R.T.: -0.006 min
Response: 74892139
Conc: 23.91 ng/ml



#3 AR-1016-1

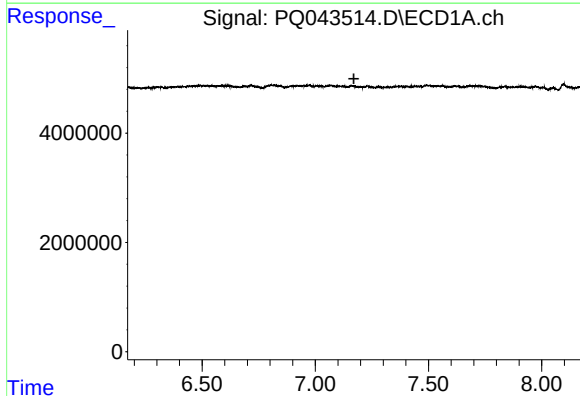
R.T.: 0.000 min
Exp R.T.: 7.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



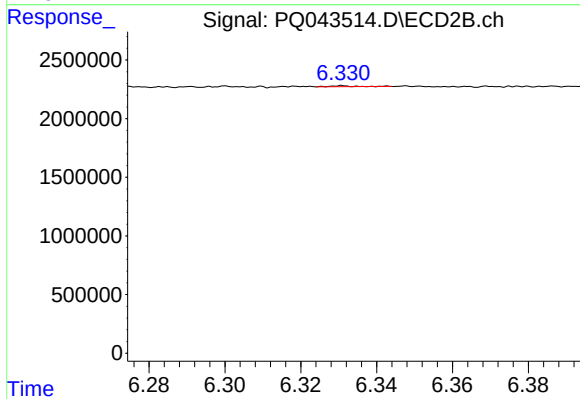
#3 AR-1016-1

R.T.: 6.176 min
Delta R.T.: -0.064 min
Response: 47561
Conc: 1.61 ng/ml



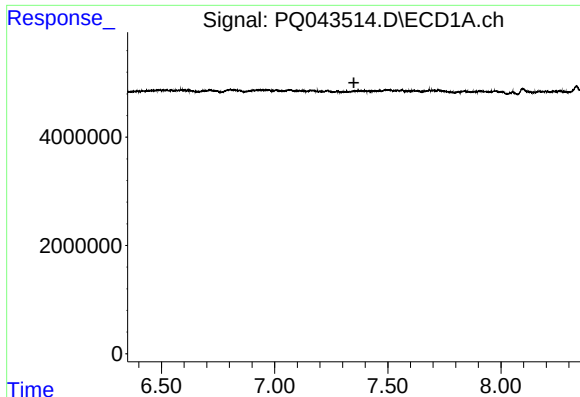
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.



#4 AR-1016-2

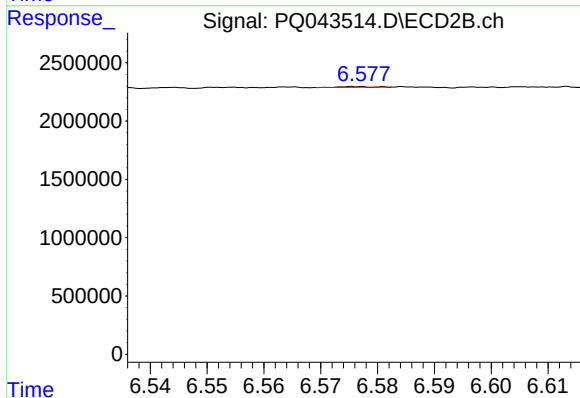
R.T.: 6.331 min
Delta R.T.: 0.070 min
Response: 29346
Conc: 0.75 ng/ml



#6 AR-1016-4

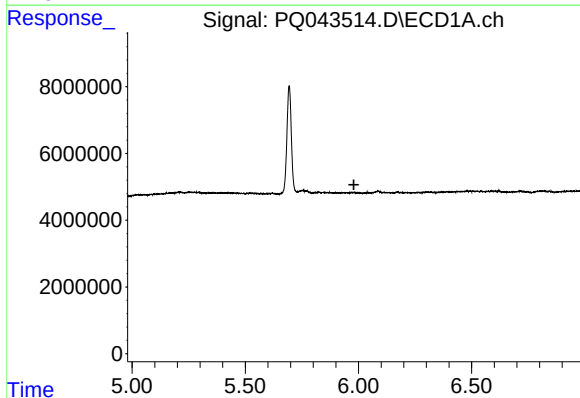
R.T.: 0.000 min
Exp R.T.: 7.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



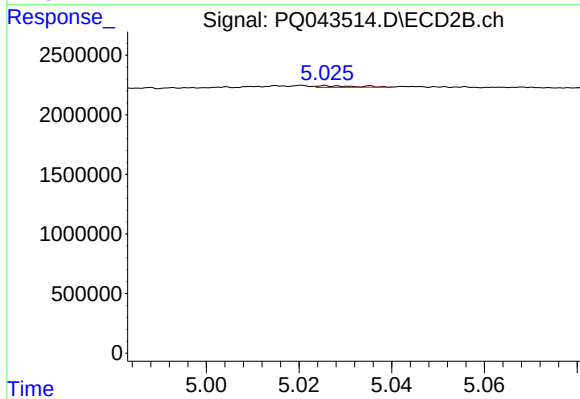
#6 AR-1016-4

R.T.: 6.576 min
Delta R.T.: 0.047 min
Response: 25030
Conc: 1.44 ng/ml



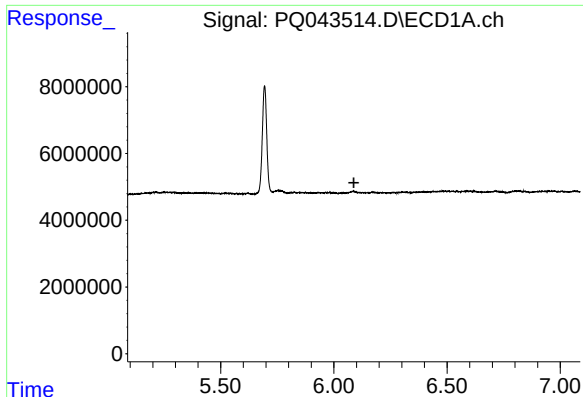
#8 AR-1221-1

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



#8 AR-1221-1

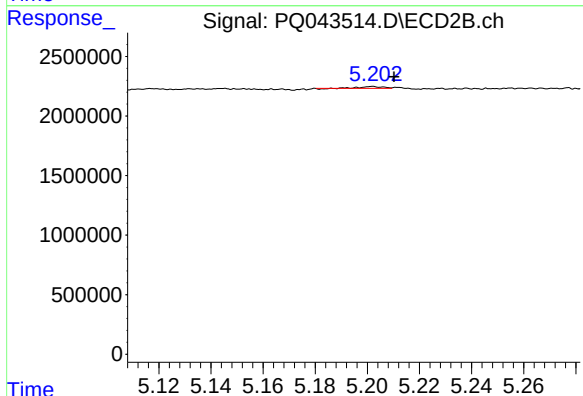
R.T.: 5.026 min
Delta R.T.: -0.066 min
Response: 79391
Conc: 13.62 ng/ml



#9 AR-1221-2

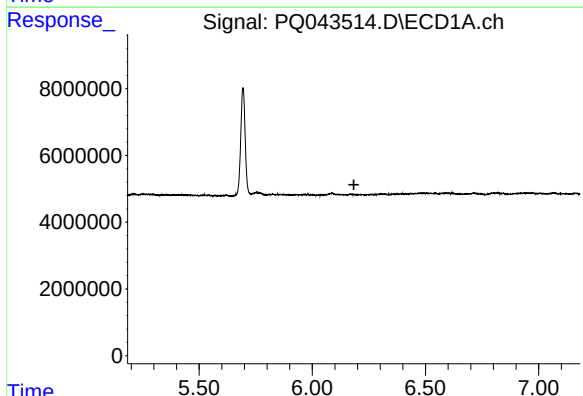
R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



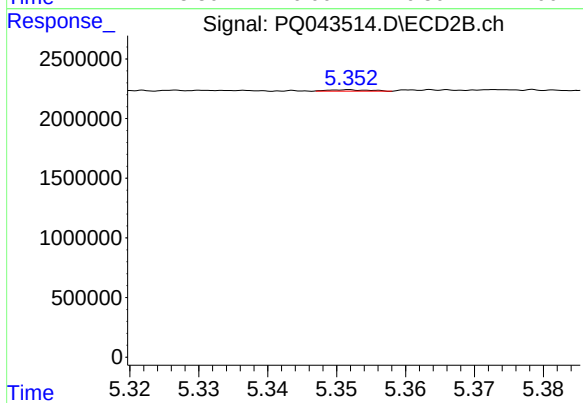
#9 AR-1221-2

R.T.: 5.202 min
Delta R.T.: -0.008 min
Response: 87348
Conc: 18.17 ng/ml



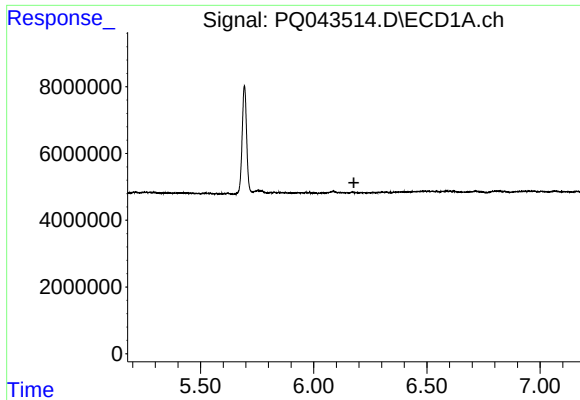
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.



#10 AR-1221-3

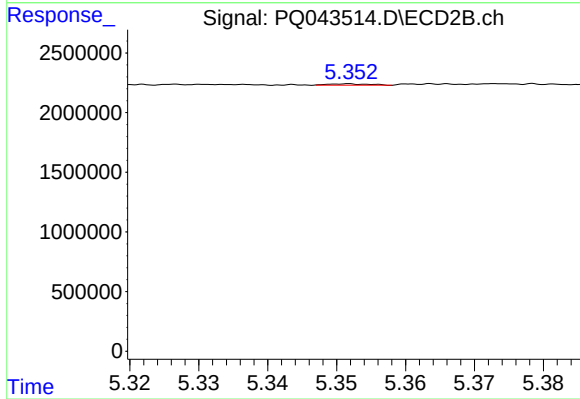
R.T.: 5.352 min
Delta R.T.: 0.038 min
Response: 48946
Conc: 2.98 ng/ml



#11 AR-1232-1

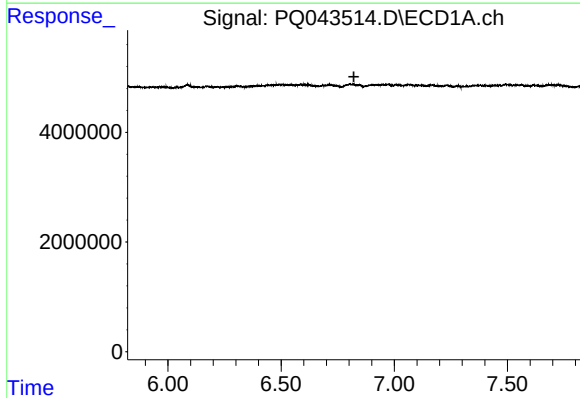
R.T.: 0.000 min
Exp R.T.: 6.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



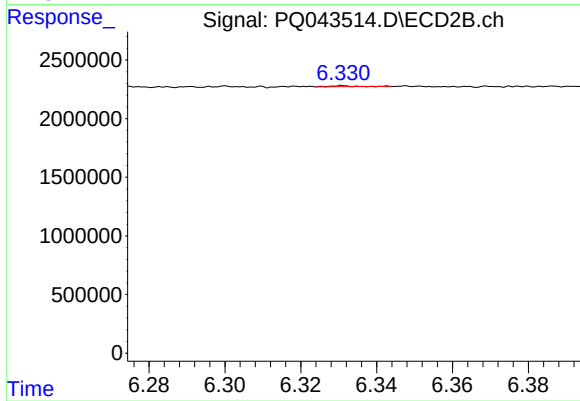
#11 AR-1232-1

R.T.: 5.352 min
Delta R.T.: 0.037 min
Response: 48946
Conc: 2.65 ng/ml



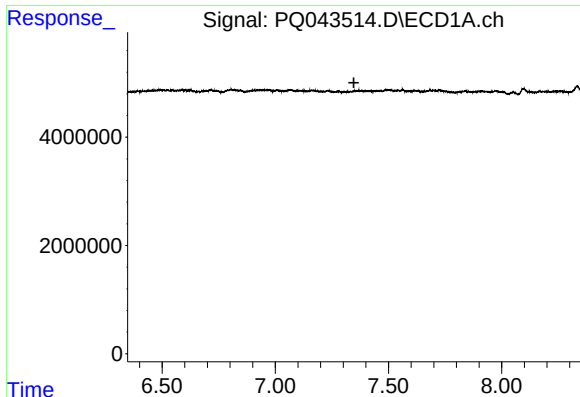
#12 AR-1232-2

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



#12 AR-1232-2

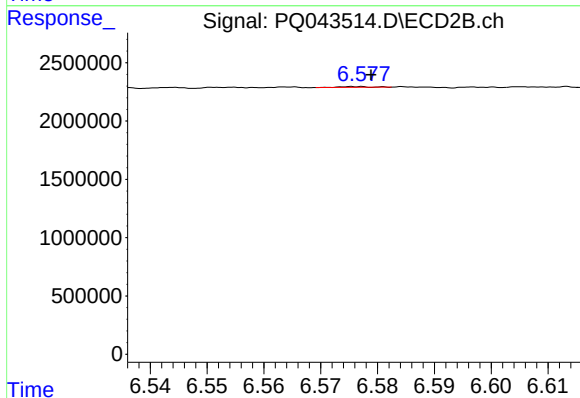
R.T.: 6.331 min
Delta R.T.: 0.069 min
Response: 29346
Conc: 1.47 ng/ml



#14 AR-1232-4

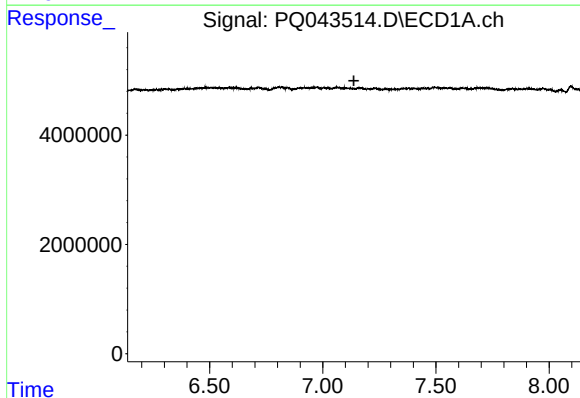
R.T.: 0.000 min
Exp R.T.: 7.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



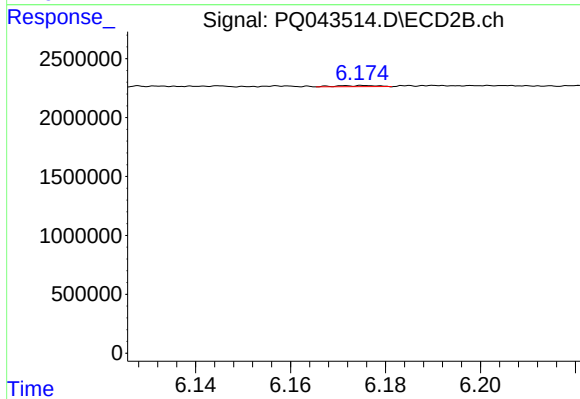
#14 AR-1232-4

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 25030
Conc: 2.45 ng/ml



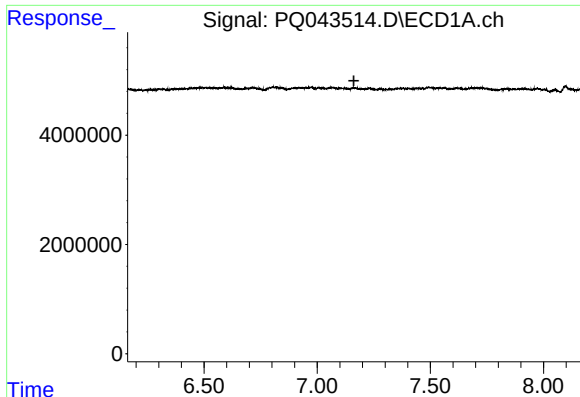
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.



#16 AR-1242-1

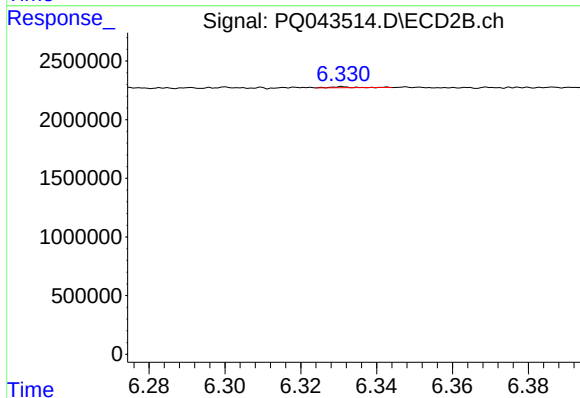
R.T.: 6.176 min
Delta R.T.: -0.063 min
Response: 47561
Conc: 2.75 ng/ml



#17 AR-1242-2

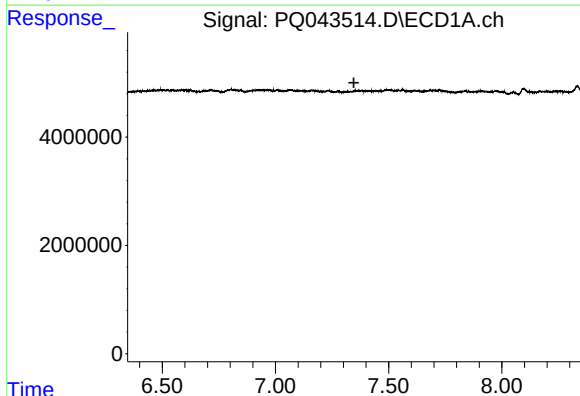
R.T.: 0.000 min
Exp R.T.: 7.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



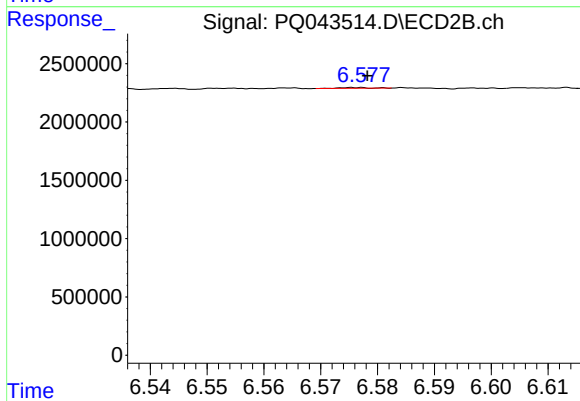
#17 AR-1242-2

R.T.: 6.331 min
Delta R.T.: 0.070 min
Response: 29346
Conc: 1.26 ng/ml



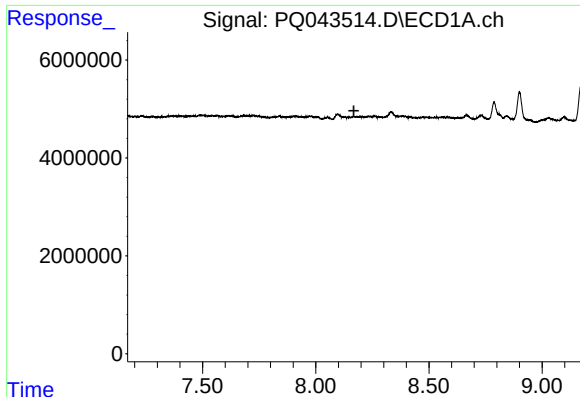
#19 AR-1242-4

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



#19 AR-1242-4

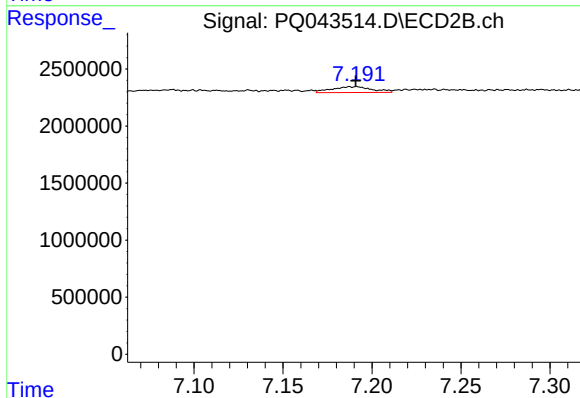
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 25030
Conc: 1.97 ng/ml



#20 AR-1242-5

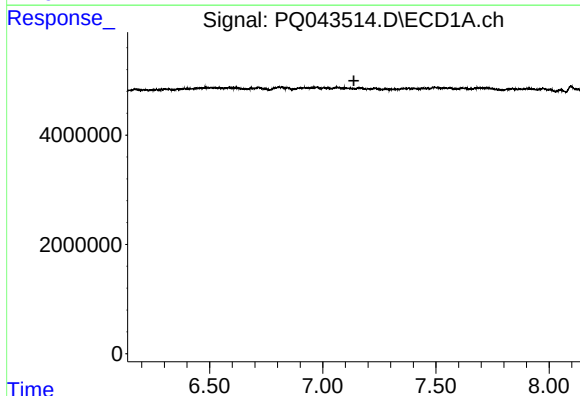
R.T.: 0.000 min
Exp R.T.: 8.168 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



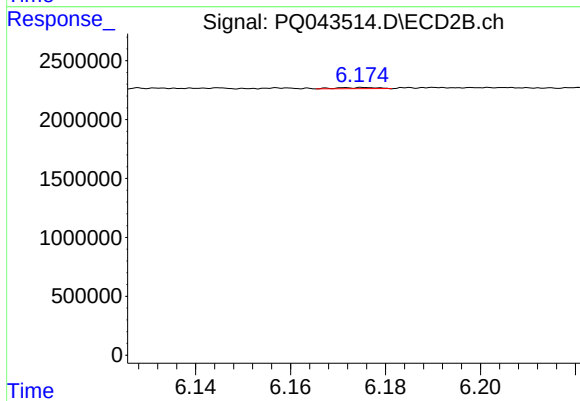
#20 AR-1242-5

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 817099
Conc: 40.81 ng/ml



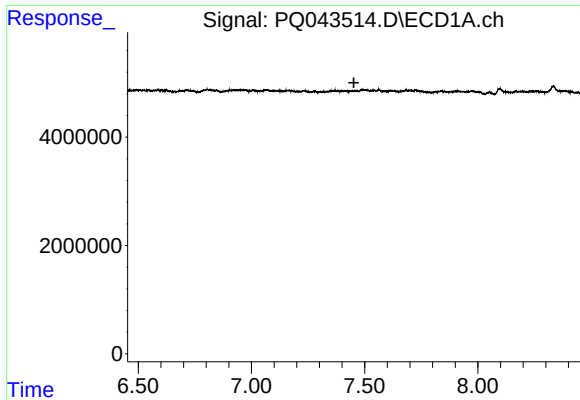
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.



#21 AR-1248-1

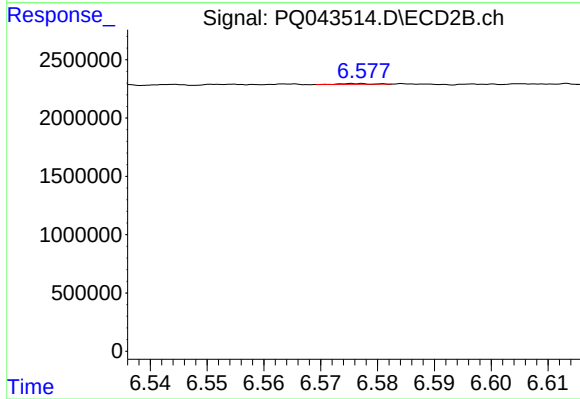
R.T.: 6.176 min
Delta R.T.: -0.063 min
Response: 47561
Conc: 3.78 ng/ml



#22 AR-1248-2

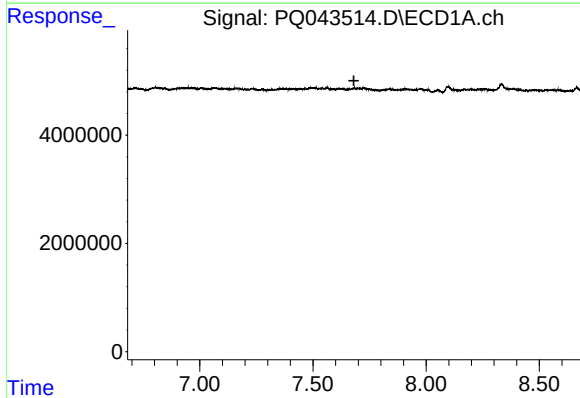
R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



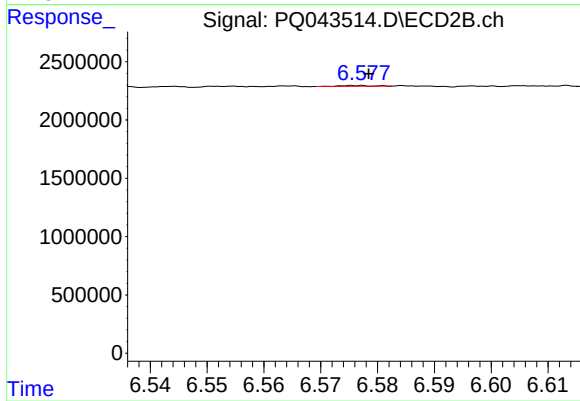
#22 AR-1248-2

R.T.: 6.576 min
Delta R.T.: 0.047 min
Response: 25030
Conc: 1.41 ng/ml



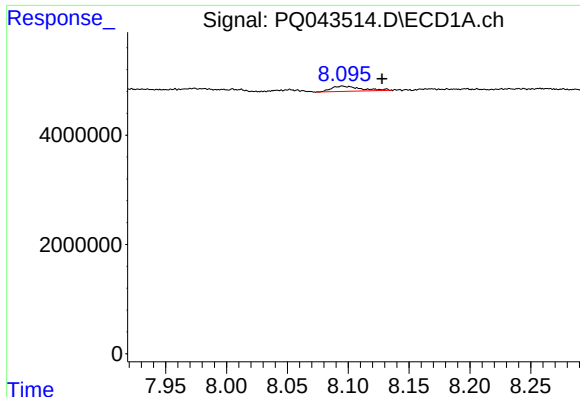
#23 AR-1248-3

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



#23 AR-1248-3

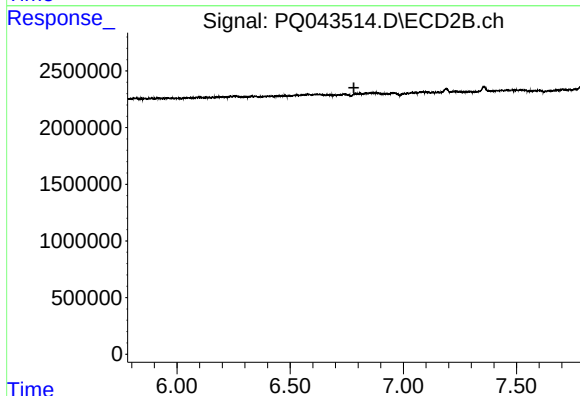
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 25030
Conc: 1.34 ng/ml



#24 AR-1248-4

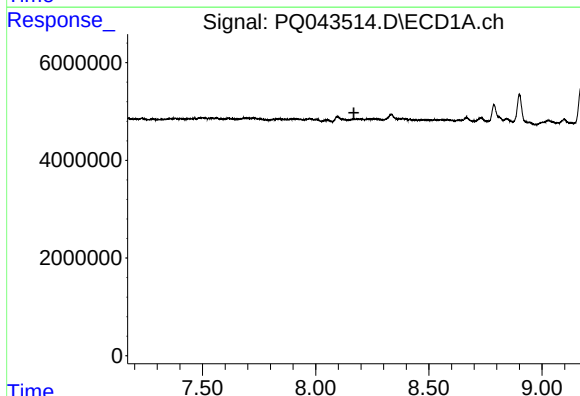
R.T.: 8.095 min
Delta R.T.: -0.032 min
Response: 1592291
Conc: 22.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



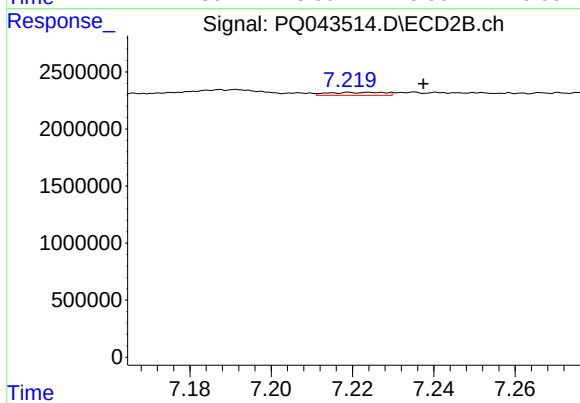
#24 AR-1248-4

R.T.: 6.790 min
Delta R.T.: 0.008 min
Response: -9589
Conc: N.D.



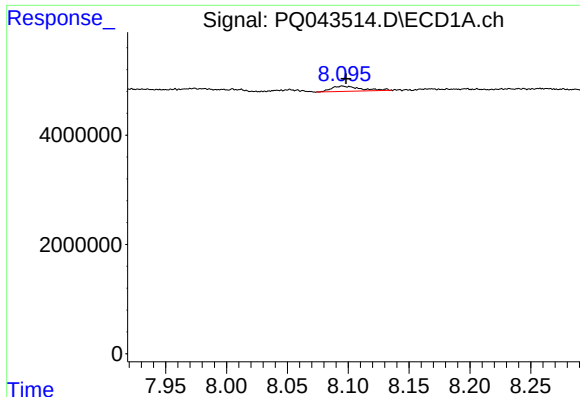
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 8.169 min
Response: 0
Conc: N.D.



#25 AR-1248-5

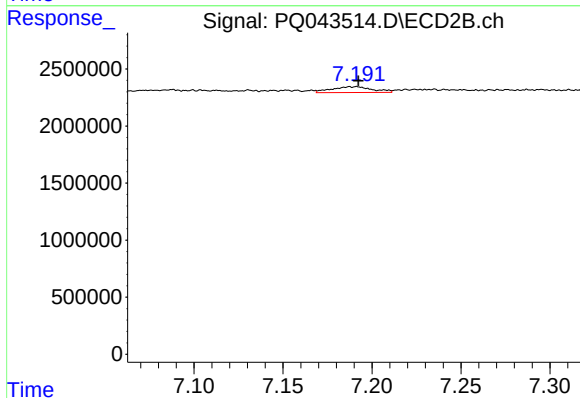
R.T.: 7.219 min
Delta R.T.: -0.018 min
Response: 252839
Conc: 8.92 ng/ml



#26 AR-1254-1

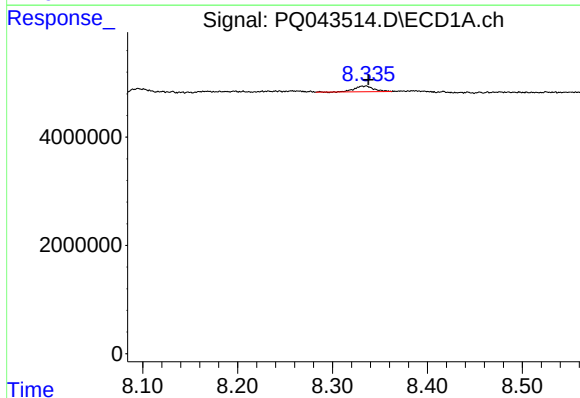
R.T.: 8.095 min
Delta R.T.: -0.003 min
Response: 1592291
Conc: 22.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



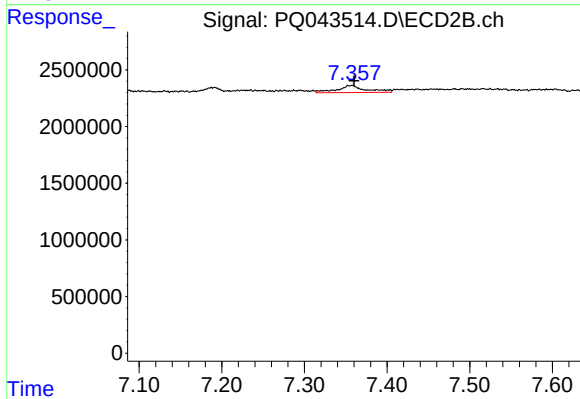
#26 AR-1254-1

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 817099
Conc: 18.06 ng/ml



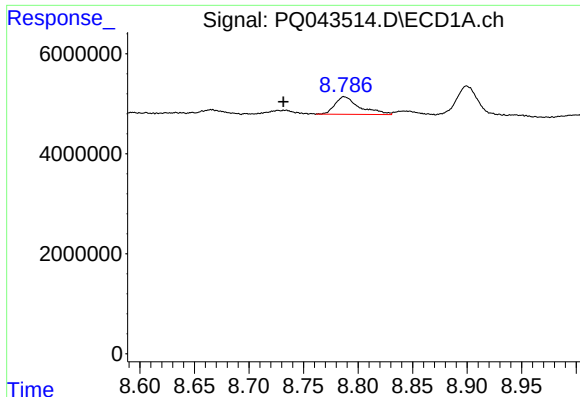
#27 AR-1254-2

R.T.: 8.335 min
Delta R.T.: -0.002 min
Response: 1467842
Conc: 11.94 ng/ml



#27 AR-1254-2

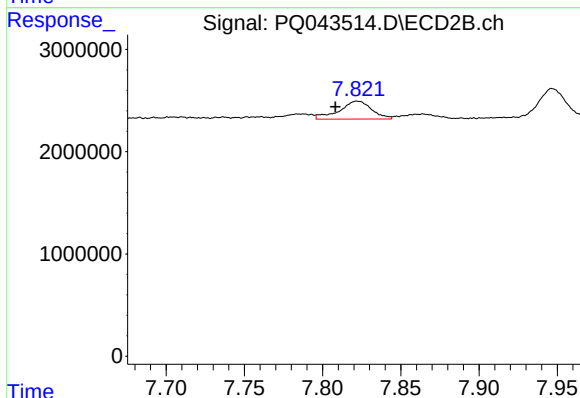
R.T.: 7.357 min
Delta R.T.: -0.003 min
Response: 1543716
Conc: 35.03 ng/ml



#28 AR-1254-3

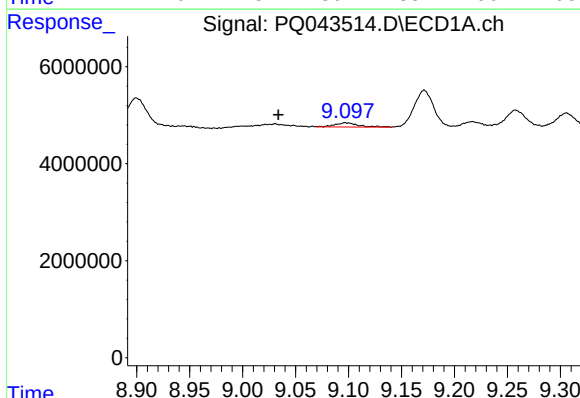
R.T.: 8.787 min
Delta R.T.: 0.056 min
Response: 5505406
Conc: 37.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



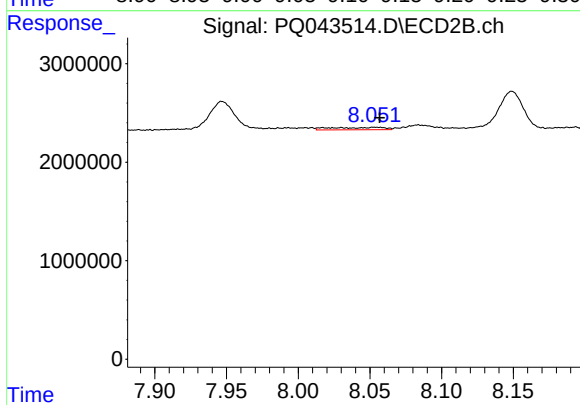
#28 AR-1254-3

R.T.: 7.822 min
Delta R.T.: 0.014 min
Response: 2525221
Conc: 33.85 ng/ml



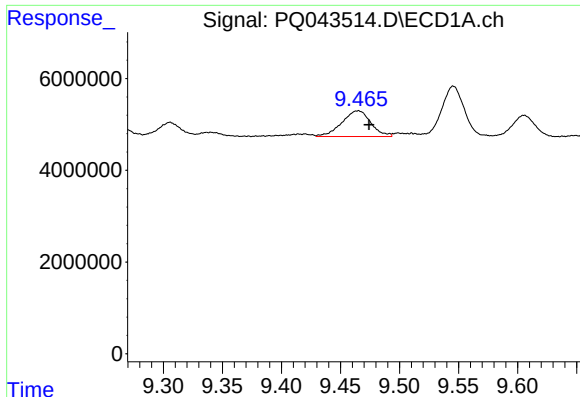
#29 AR-1254-4

R.T.: 9.097 min
Delta R.T.: 0.063 min
Response: 1350246
Conc: 10.49 ng/ml



#29 AR-1254-4

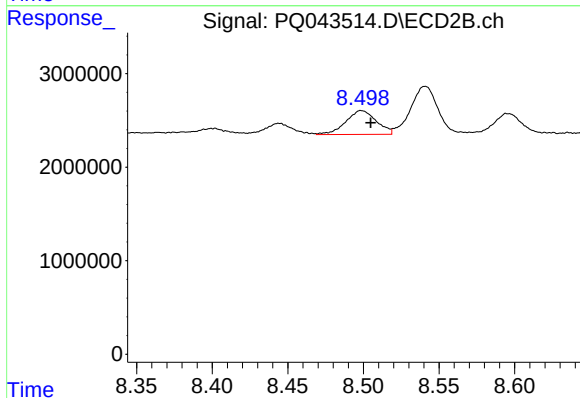
R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 628157
Conc: 11.35 ng/ml



#30 AR-1254-5

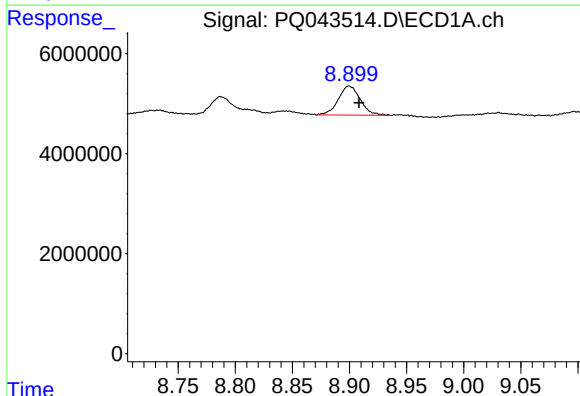
R.T.: 9.465 min
Delta R.T.: -0.009 min
Response: 9632560
Conc: 63.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



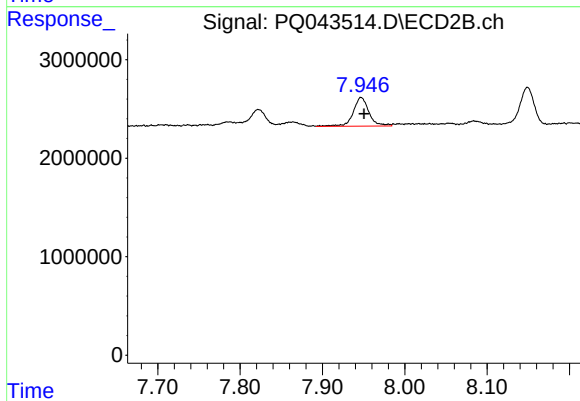
#30 AR-1254-5

R.T.: 8.499 min
Delta R.T.: -0.006 min
Response: 3601864
Conc: 44.20 ng/ml



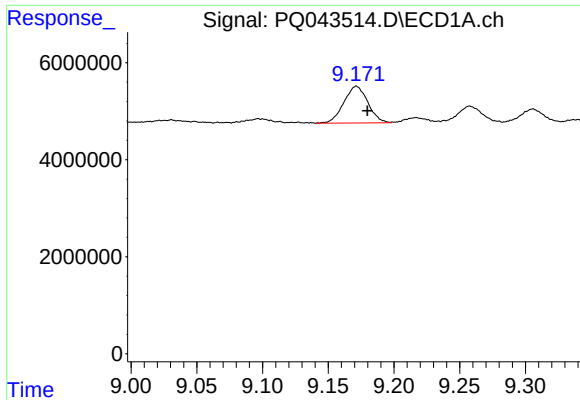
#31 AR-1260-1

R.T.: 8.900 min
Delta R.T.: -0.009 min
Response: 7784819
Conc: 59.93 ng/ml



#31 AR-1260-1

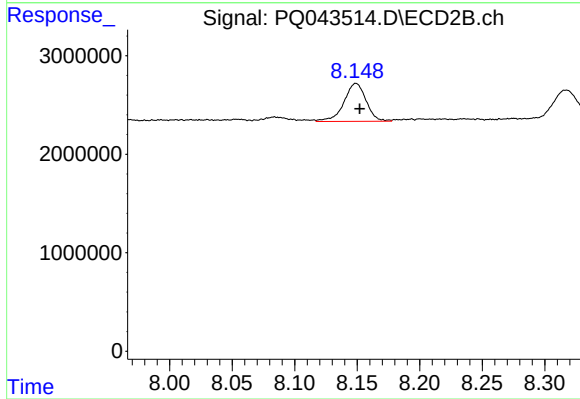
R.T.: 7.947 min
Delta R.T.: -0.003 min
Response: 3909561
Conc: 67.35 ng/ml



#32 AR-1260-2

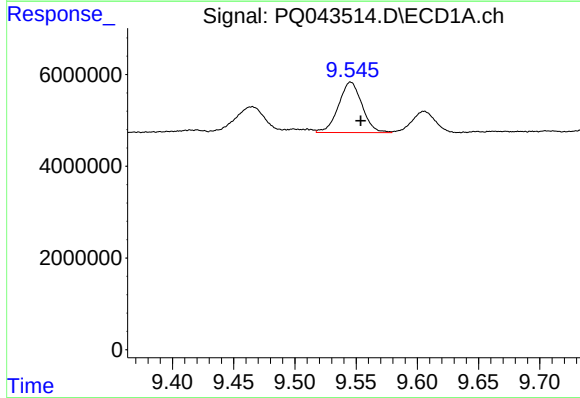
R.T.: 9.171 min
Delta R.T.: -0.008 min
Response: 9617140
Conc: 57.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



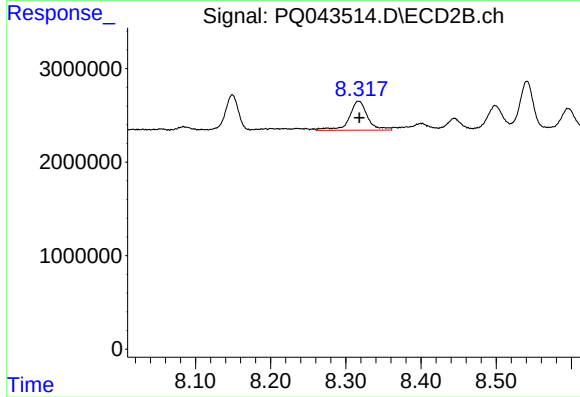
#32 AR-1260-2

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 4771117
Conc: 62.41 ng/ml



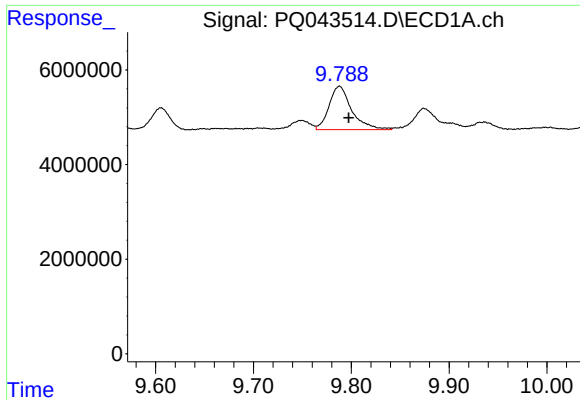
#33 AR-1260-3

R.T.: 9.546 min
Delta R.T.: -0.008 min
Response: 14727062
Conc: 107.28 ng/ml



#33 AR-1260-3

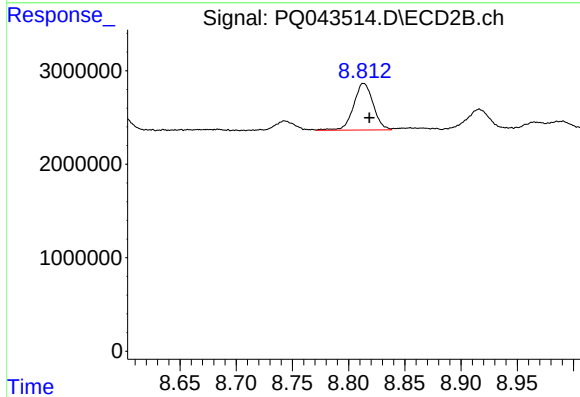
R.T.: 8.317 min
Delta R.T.: -0.001 min
Response: 5269799
Conc: 75.16 ng/ml



#34 AR-1260-4

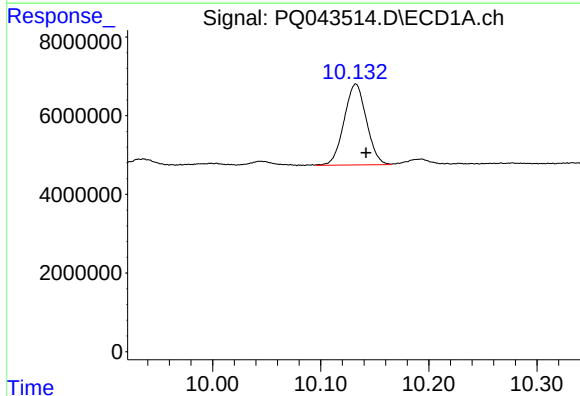
R.T.: 9.788 min
Delta R.T.: -0.009 min
Response: 14777055
Conc: 86.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



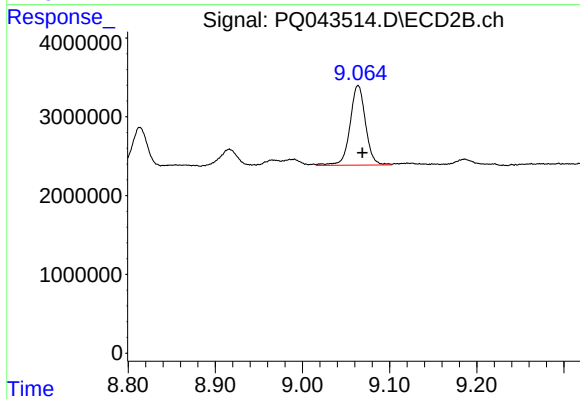
#34 AR-1260-4

R.T.: 8.813 min
Delta R.T.: -0.005 min
Response: 6056683
Conc: 91.87 ng/ml



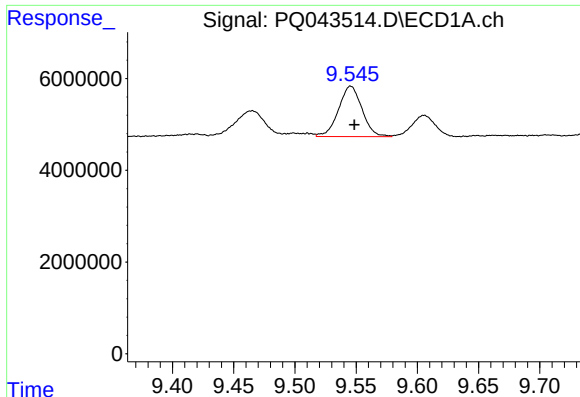
#35 AR-1260-5

R.T.: 10.133 min
Delta R.T.: -0.010 min
Response: 29579439
Conc: 75.22 ng/ml



#35 AR-1260-5

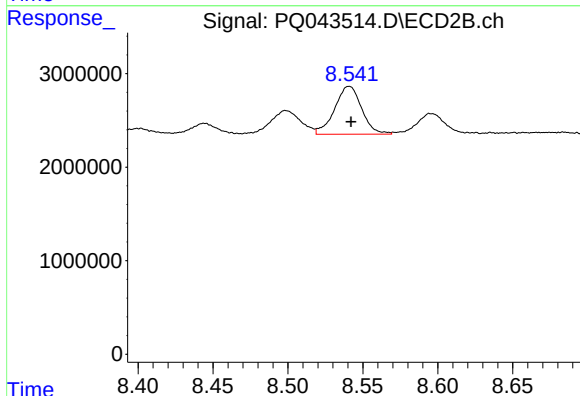
R.T.: 9.064 min
Delta R.T.: -0.005 min
Response: 12494297
Conc: 66.54 ng/ml



#36 AR-1262-1

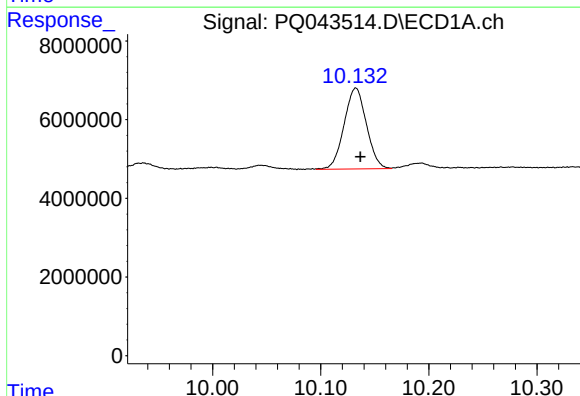
R.T.: 9.546 min
Delta R.T.: -0.003 min
Response: 14727062
Conc: 66.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



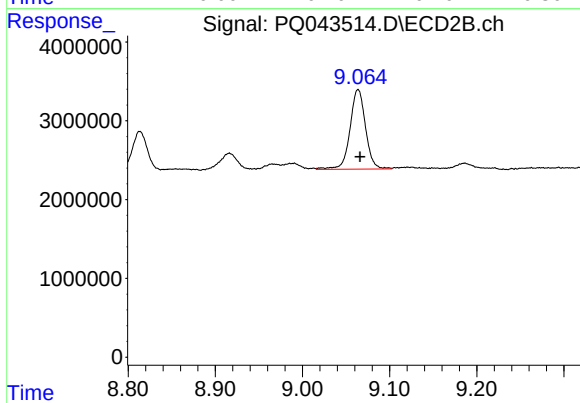
#36 AR-1262-1

R.T.: 8.541 min
Delta R.T.: -0.001 min
Response: 6445872
Conc: 65.19 ng/ml



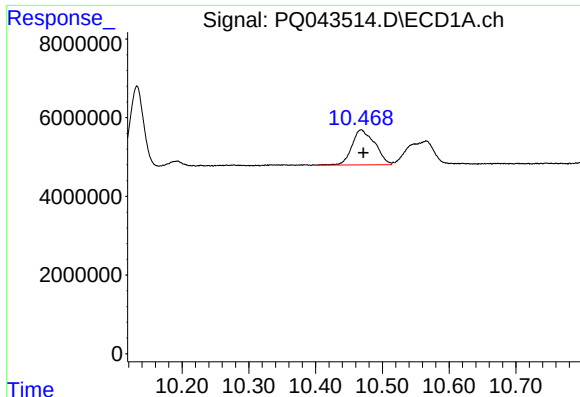
#37 AR-1262-2

R.T.: 10.133 min
Delta R.T.: -0.004 min
Response: 29579439
Conc: 57.86 ng/ml



#37 AR-1262-2

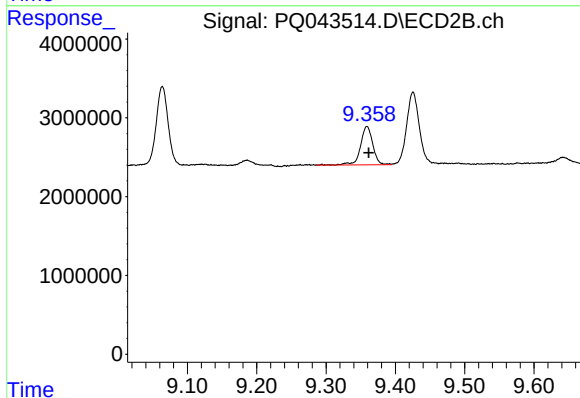
R.T.: 9.064 min
Delta R.T.: -0.002 min
Response: 12494297
Conc: 55.90 ng/ml



#38 AR-1262-3

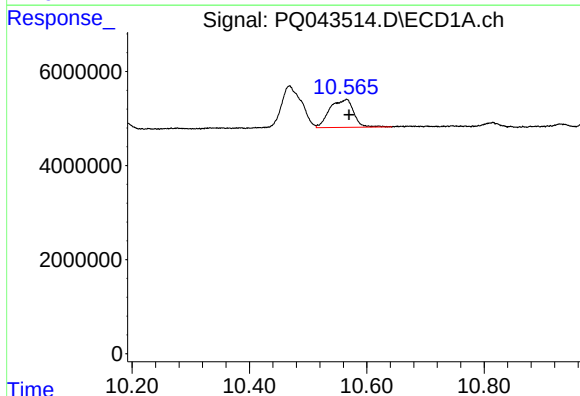
R.T.: 10.468 min
Delta R.T.: -0.003 min
Response: 21186589
Conc: 55.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



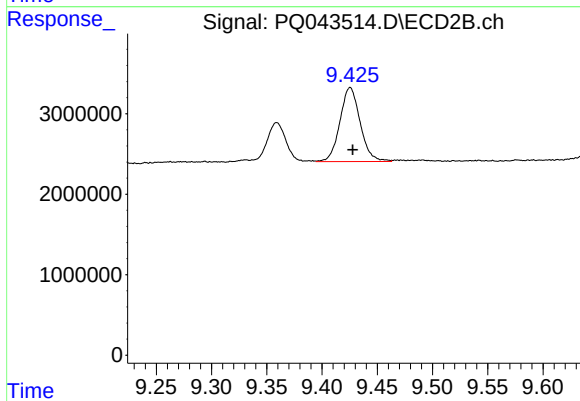
#38 AR-1262-3

R.T.: 9.359 min
Delta R.T.: -0.003 min
Response: 6051538
Conc: 52.60 ng/ml



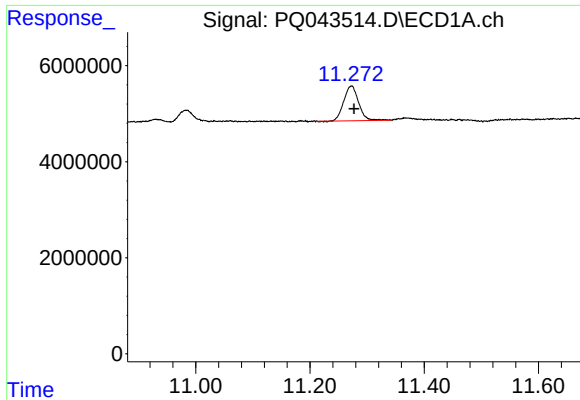
#39 AR-1262-4

R.T.: 10.566 min
Delta R.T.: -0.004 min
Response: 16763988
Conc: 98.20 ng/ml



#39 AR-1262-4

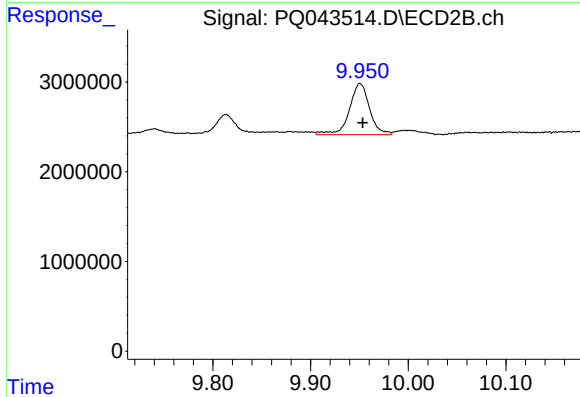
R.T.: 9.425 min
Delta R.T.: -0.002 min
Response: 11746755
Conc: 52.14 ng/ml



#40 AR-1262-5

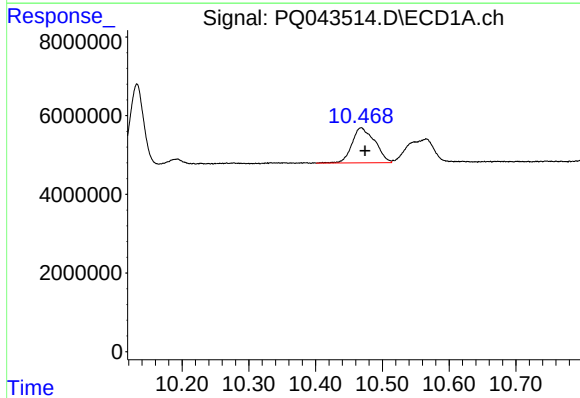
R.T.: 11.273 min
Delta R.T.: -0.004 min
Response: 13166525
Conc: 45.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



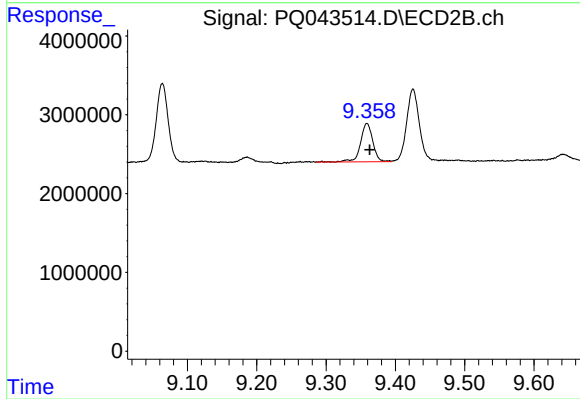
#40 AR-1262-5

R.T.: 9.951 min
Delta R.T.: -0.003 min
Response: 8178911
Conc: 52.94 ng/ml



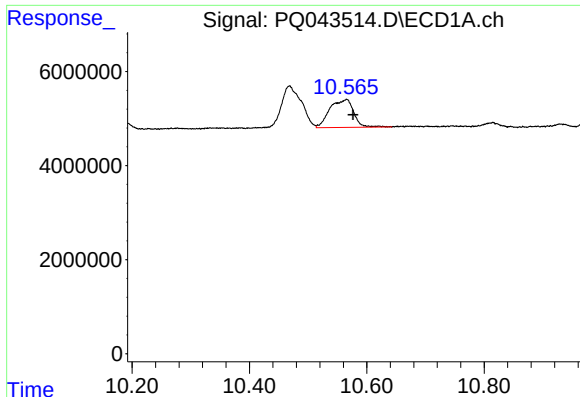
#41 AR-1268-1

R.T.: 10.468 min
Delta R.T.: -0.006 min
Response: 21186589
Conc: 33.08 ng/ml



#41 AR-1268-1

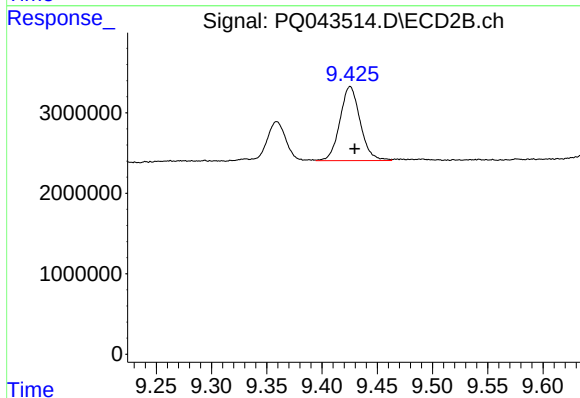
R.T.: 9.359 min
Delta R.T.: -0.004 min
Response: 6051538
Conc: 18.51 ng/ml



#42 AR-1268-2

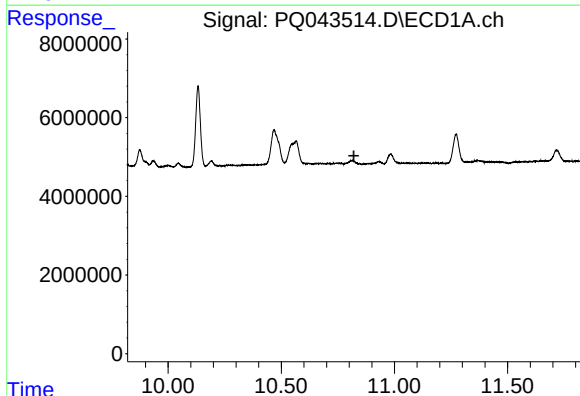
R.T.: 10.566 min
Delta R.T.: -0.011 min
Response: 16763988
Conc: 26.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



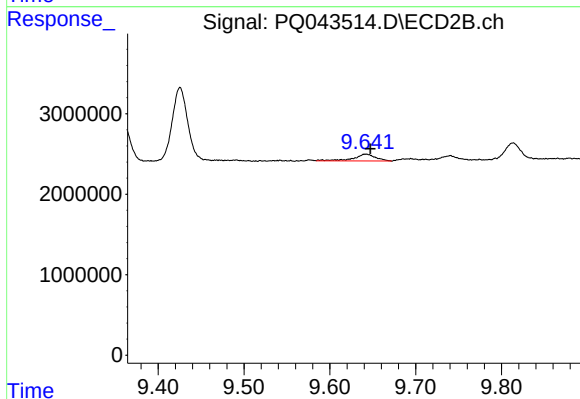
#42 AR-1268-2

R.T.: 9.425 min
Delta R.T.: -0.004 min
Response: 11746755
Conc: 36.73 ng/ml



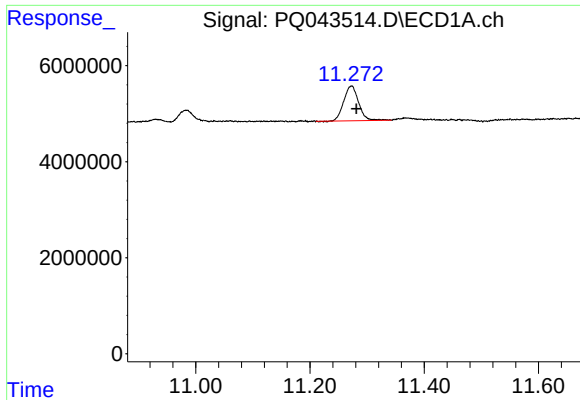
#43 AR-1268-3

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



#43 AR-1268-3

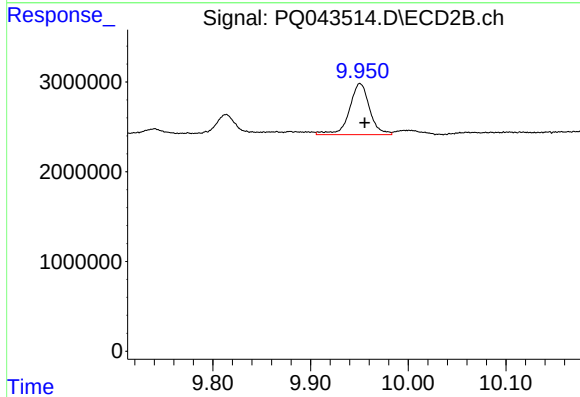
R.T.: 9.642 min
Delta R.T.: -0.006 min
Response: 1539916
Conc: 5.43 ng/ml



#44 AR-1268-4

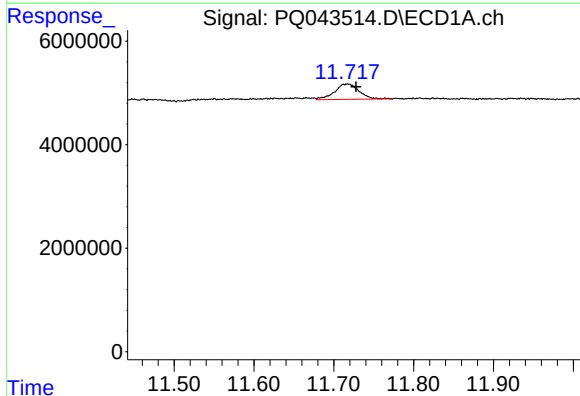
R.T.: 11.273 min
Delta R.T.: -0.008 min
Response: 13166525
Conc: 45.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



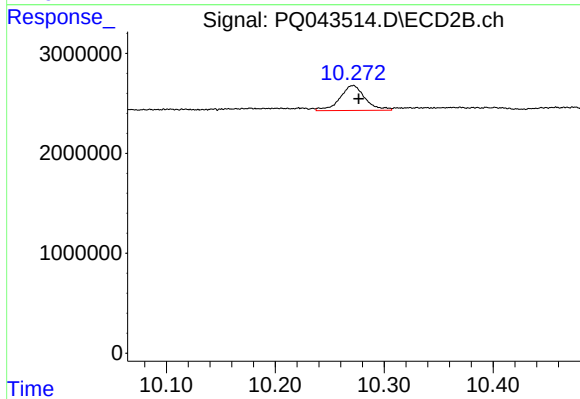
#44 AR-1268-4

R.T.: 9.951 min
Delta R.T.: -0.005 min
Response: 8178911
Conc: 50.32 ng/ml



#45 AR-1268-5

R.T.: 11.717 min
Delta R.T.: -0.011 min
Response: 6321801
Conc: 2.65 ng/ml



#45 AR-1268-5

R.T.: 10.271 min
Delta R.T.: -0.005 min
Response: 3989337
Conc: 3.18 ng/ml