

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
 Data File : PQ059507.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 12:44
 Operator : YP\AJ
 Sample : N5016-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:54:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.483	2.830	259.4E6	167.3E6	18.842	18.466
2)	SA Decachlor...	8.653	7.607	151.2E6	218.8E6	30.443	28.647
Target Compounds							
3)	L1 AR-1016-1	4.583	3.838	5988779	3387138	14.280	12.012
4)	L1 AR-1016-2	4.604	3.853	13003292	5277924	20.975	12.426 #
5)	L1 AR-1016-3	4.665	4.016	1037652	6872530	2.629	30.900 #
6)	L1 AR-1016-4	4.750	4.062	12393588	4676652	37.638	27.355 #
7)	L1 AR-1016-5	5.037	4.259	8659179	4280958	27.604	19.001 #
8)	L2 AR-1221-1	3.669	2.975f	245841	1239959	1.662	12.483 #
9)	L2 AR-1221-2	3.761	3.101	3518962	2477462	34.001	36.194
10)	L2 AR-1221-3	3.829	3.175	123002	278473	0.369	1.214 #
11)	L3 AR-1232-1	3.829	3.175	123002	278473	0.437	1.446 #
12)	L3 AR-1232-2	4.327	3.853	37268582	5277924	253.676	28.023 #
13)	L3 AR-1232-3	4.604	4.016	13003292	6872530	45.565	70.475 #
14)	L3 AR-1232-4	4.750	4.101	12393588	4624659	82.835	56.653 #
15)	L3 AR-1232-5	4.848	4.259	8742847	4280958	83.296	44.834 #
16)	L4 AR-1242-1	4.583	3.838	5988779	3387138	17.192	14.597
17)	L4 AR-1242-2	4.604	3.853	13003292	5277924	25.422	15.141 #
18)	L4 AR-1242-3	4.658	4.016	1124752	6872530	3.478	37.610 #
19)	L4 AR-1242-4	4.750	4.101	12393588	4624659	45.993	27.418 #
20)	L4 AR-1242-5	5.467	4.597	98797	815995	0.368	3.689 #
21)	L5 AR-1248-1	4.583	3.838	5988779	3387138	22.580	19.052
22)	L5 AR-1248-2	4.848	4.062	8742847	4676652	24.523	18.525
23)	L5 AR-1248-3	5.037	4.101	8659179	4624659	20.162	18.317
24)	L5 AR-1248-4	5.420	4.259	1493769	4280958	3.214	13.706 #
25)	L5 AR-1248-5	5.467	4.639	98797	355108	0.215	1.130 #
26)	L6 AR-1254-1	5.420	4.597	1493769	815995	3.115	1.669 #
27)	L6 AR-1254-2	5.604	4.733	189193	762482	0.254	1.761 #
28)	L6 AR-1254-3	5.960	5.122	368502	2560175	0.471	3.695 #
29)	L6 AR-1254-4	0.000	5.349	0	696927	N.D.	1.619 #
30)	L6 AR-1254-5	6.691	5.756	1665466	1239877	2.809	2.003 #
31)	L7 AR-1260-1	6.143	5.276	232057	1476796	0.417	3.278 #
32)	L7 AR-1260-2	6.380	5.439	2291275	476548	3.589	0.867 #
33)	L7 AR-1260-3	6.691f	5.599	1665466	2082694	3.724	4.015
34)	L7 AR-1260-4	6.914f	6.055	154235	2351867	0.320	5.321 #
35)	L7 AR-1260-5	7.319f	6.304	1876275	1770831	2.128	1.736
36)	L8 AR-1262-1	6.691f	5.842f	1665466	1996881	2.395	3.134 #
37)	L8 AR-1262-2	7.319f	6.304	1876275	1770831	1.726	1.514
38)	L8 AR-1262-3	0.000	6.559	0	2634695	N.D.	5.721 #
39)	L8 AR-1262-4	0.000	6.666	0	251765	N.D.	0.287 #
41)	L9 AR-1268-1	0.000	6.559	0	2634695	N.D.	1.873 #
42)	L9 AR-1268-2	0.000	6.666	0	251765	N.D.	0.195 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	6.832	0	445241	N.D.	0.403 #
45) L9	AR-1268-5	8.418	7.388	975364	2579297	0.433	0.721 #

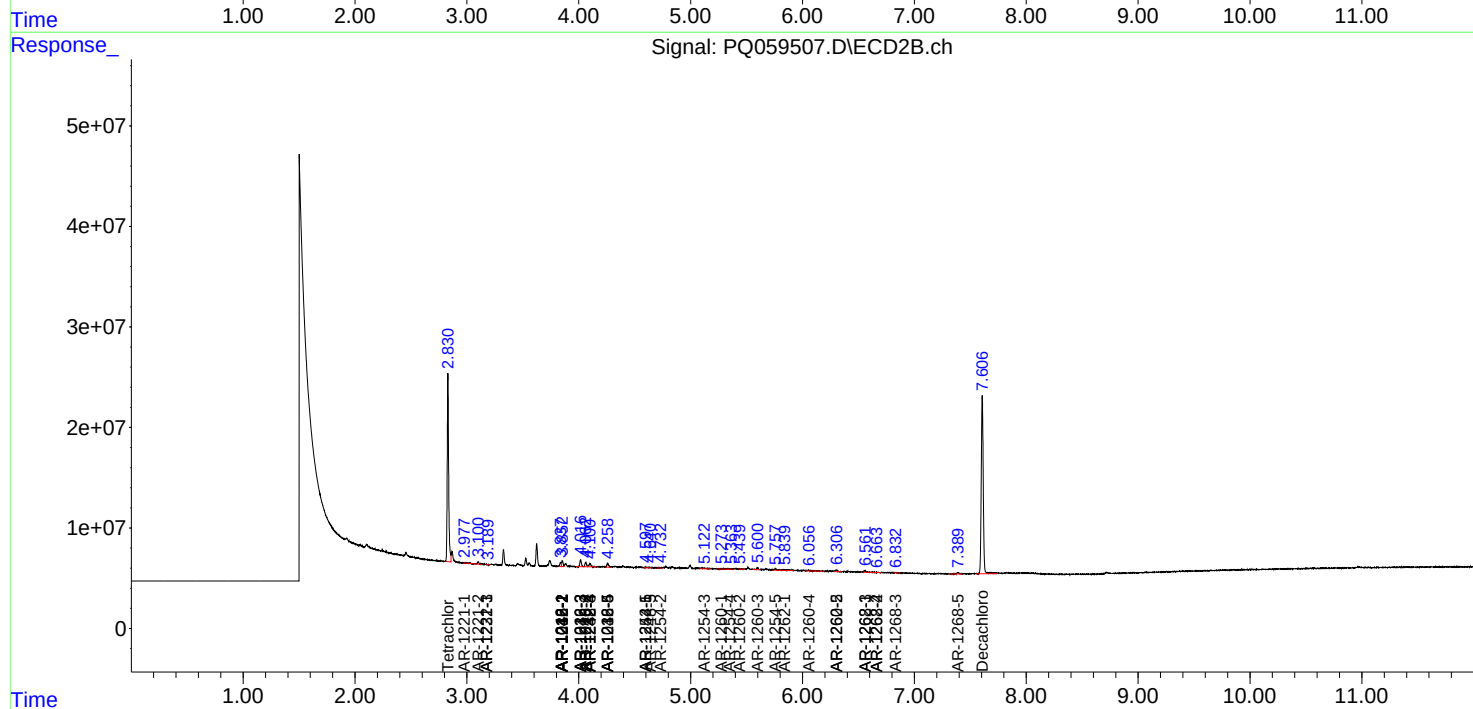
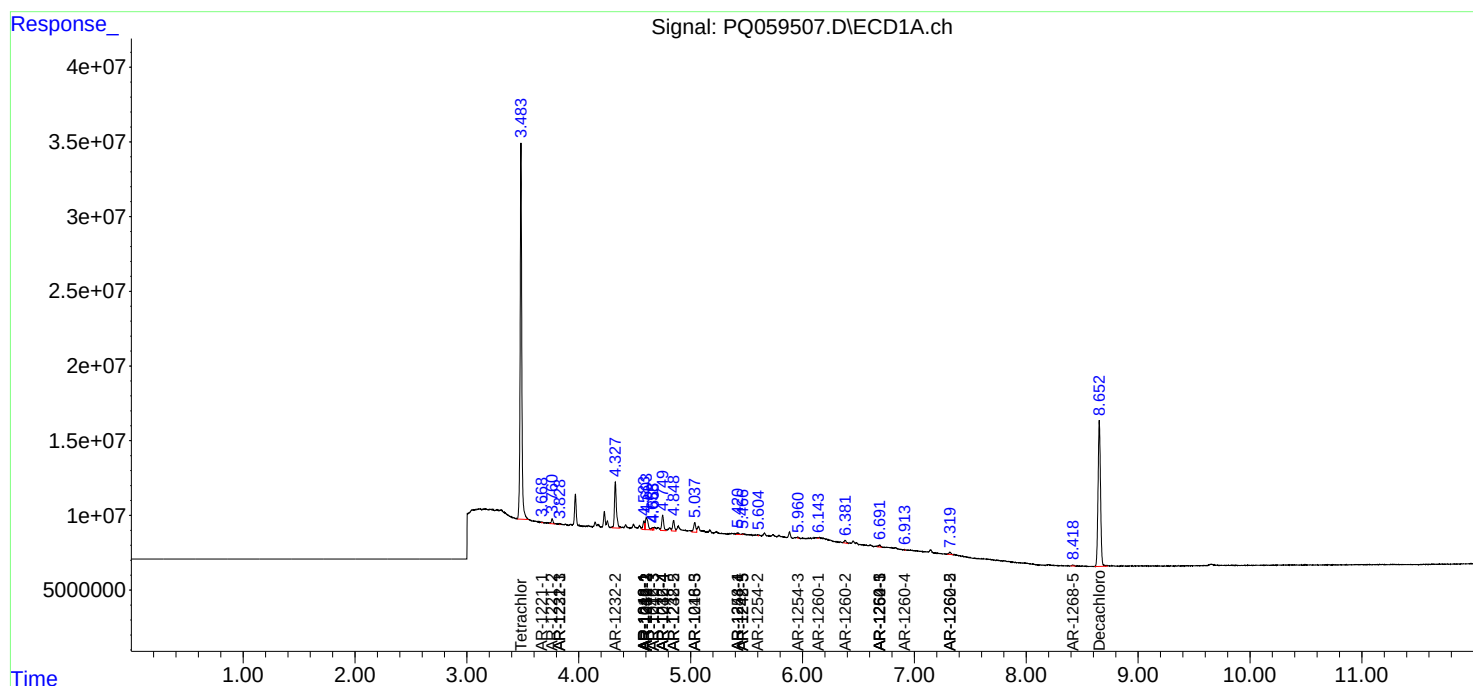
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

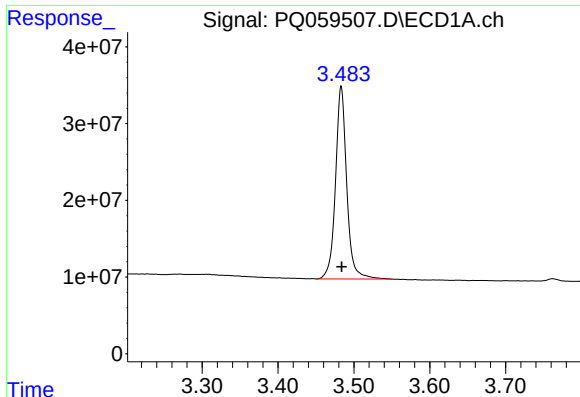
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

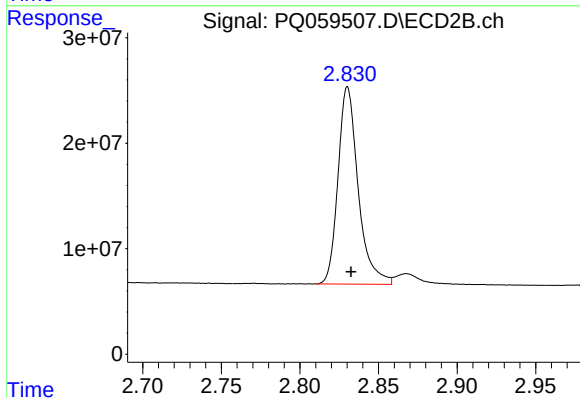




#1 Tetrachloro-m-xylene

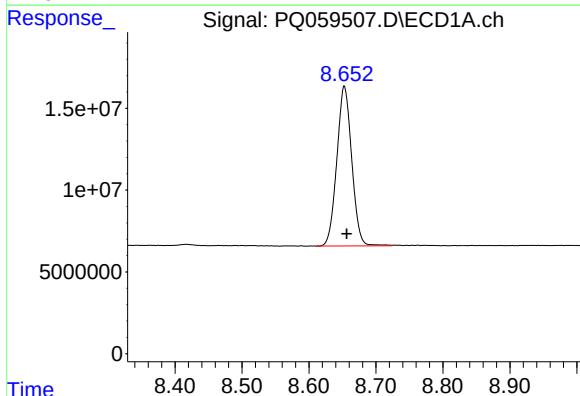
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 259435902
Conc: 18.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



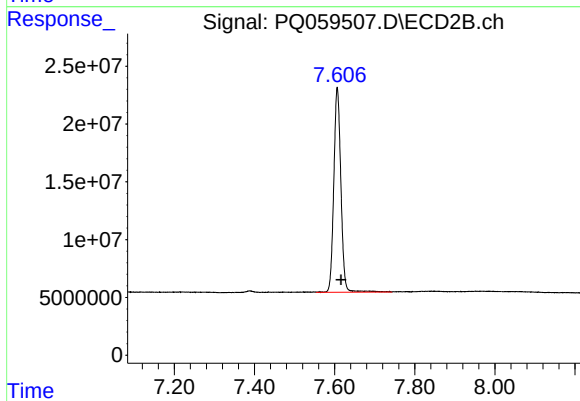
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: -0.002 min
Response: 167272529
Conc: 18.47 ng/ml



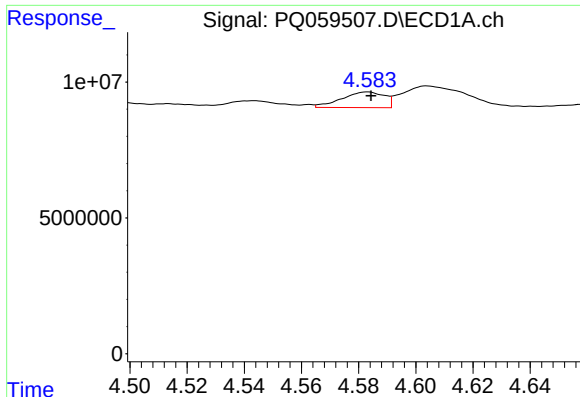
#2 Decachlorobiphenyl

R.T.: 8.653 min
Delta R.T.: -0.004 min
Response: 151184267
Conc: 30.44 ng/ml



#2 Decachlorobiphenyl

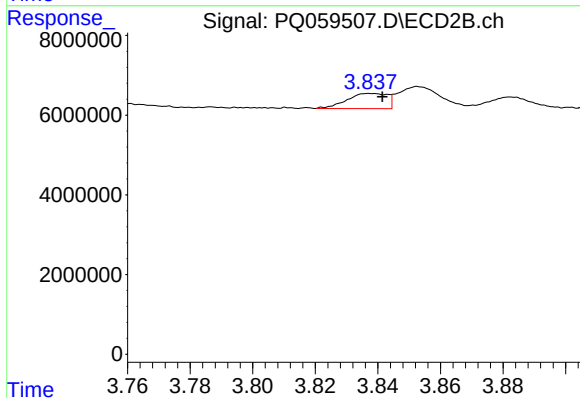
R.T.: 7.607 min
Delta R.T.: -0.009 min
Response: 218756964
Conc: 28.65 ng/ml



#3 AR-1016-1

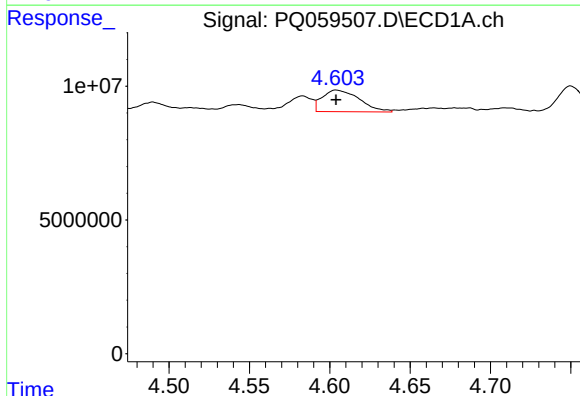
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 5988779
Conc: 14.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



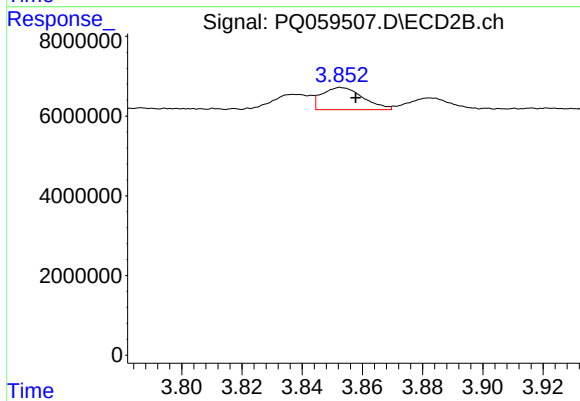
#3 AR-1016-1

R.T.: 3.838 min
Delta R.T.: -0.004 min
Response: 3387138
Conc: 12.01 ng/ml



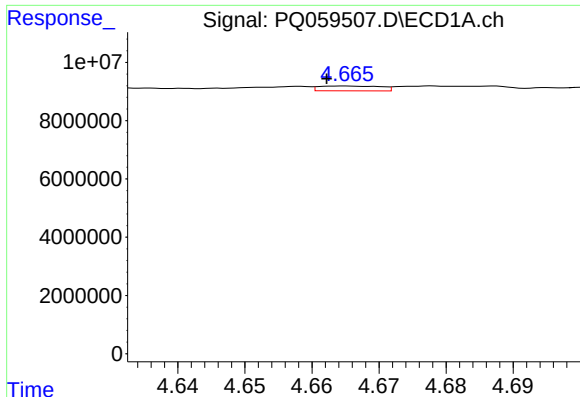
#4 AR-1016-2

R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 13003292
Conc: 20.97 ng/ml



#4 AR-1016-2

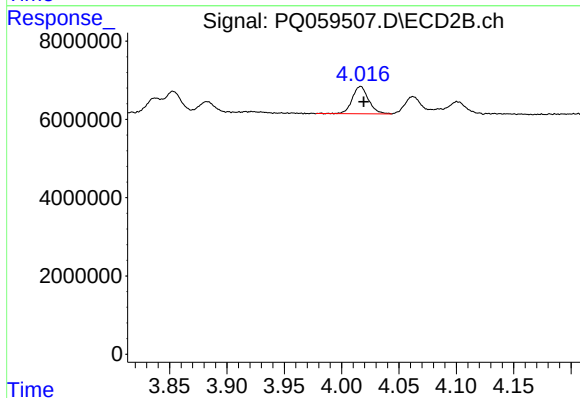
R.T.: 3.853 min
Delta R.T.: -0.005 min
Response: 5277924
Conc: 12.43 ng/ml



#5 AR-1016-3

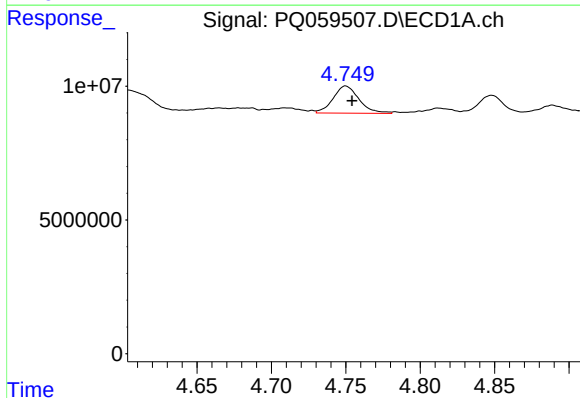
R.T.: 4.665 min
Delta R.T.: 0.003 min
Response: 1037652
Conc: 2.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



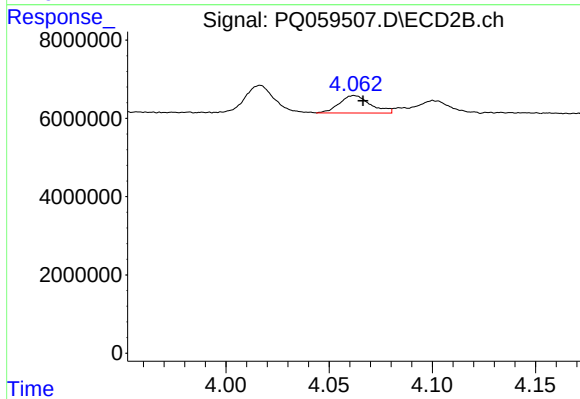
#5 AR-1016-3

R.T.: 4.016 min
Delta R.T.: -0.003 min
Response: 6872530
Conc: 30.90 ng/ml



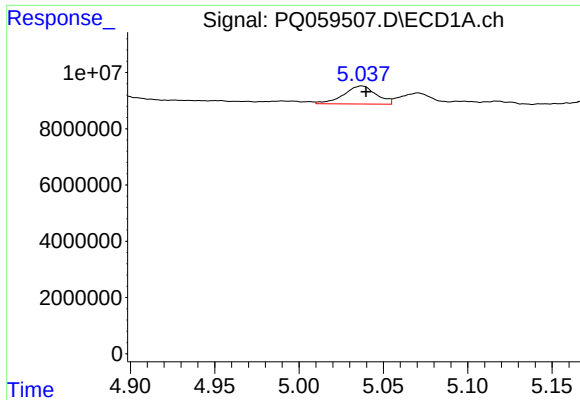
#6 AR-1016-4

R.T.: 4.750 min
Delta R.T.: -0.004 min
Response: 12393588
Conc: 37.64 ng/ml



#6 AR-1016-4

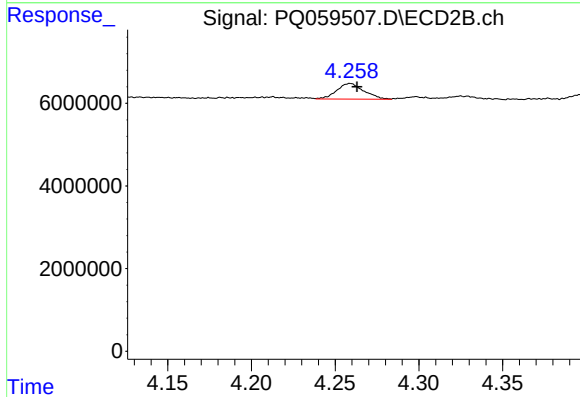
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 4676652
Conc: 27.35 ng/ml



#7 AR-1016-5

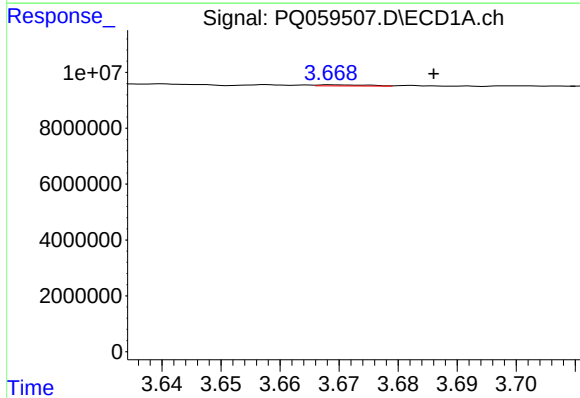
R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 8659179
Conc: 27.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



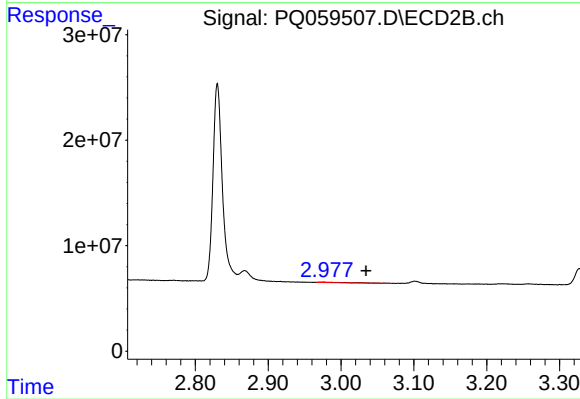
#7 AR-1016-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 4280958
Conc: 19.00 ng/ml



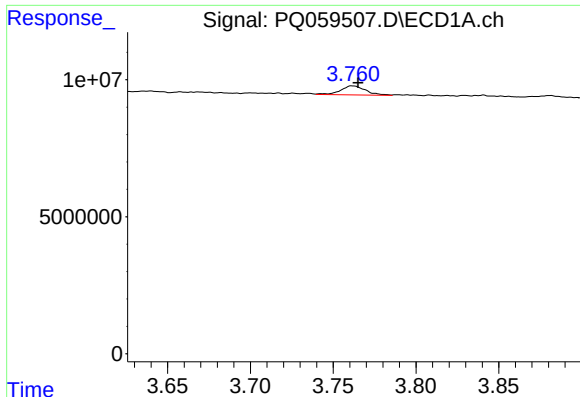
#8 AR-1221-1

R.T.: 3.669 min
Delta R.T.: -0.017 min
Response: 245841
Conc: 1.66 ng/ml



#8 AR-1221-1

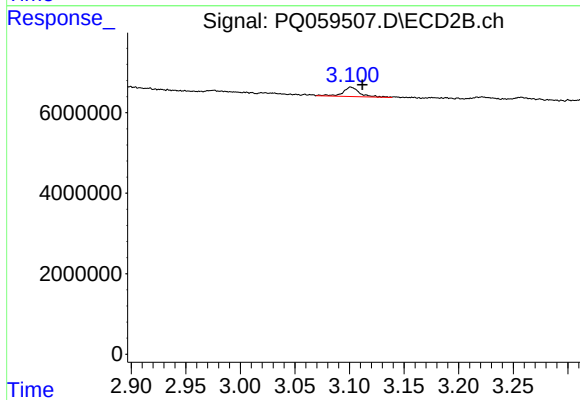
R.T.: 2.975 min
Delta R.T.: -0.059 min
Response: 1239959
Conc: 12.48 ng/ml



#9 AR-1221-2

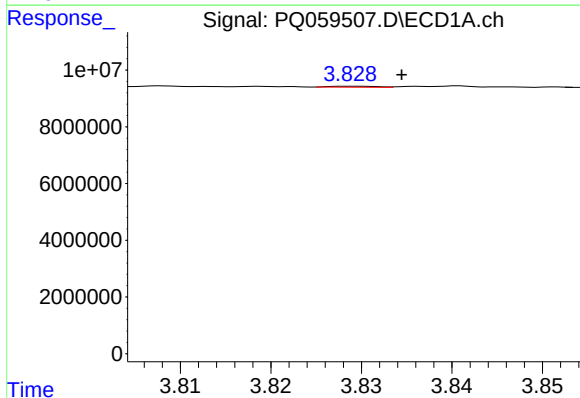
R.T.: 3.761 min
Delta R.T.: -0.004 min
Response: 3518962
Conc: 34.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



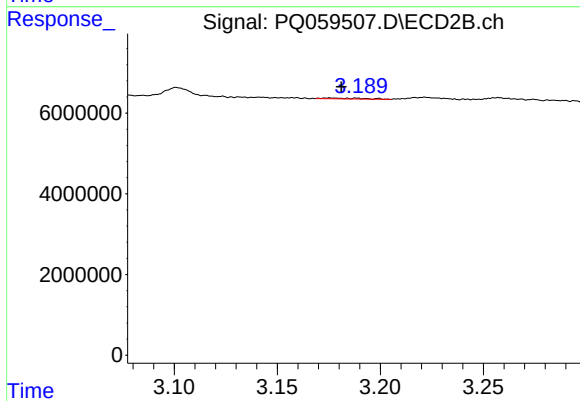
#9 AR-1221-2

R.T.: 3.101 min
Delta R.T.: -0.011 min
Response: 2477462
Conc: 36.19 ng/ml



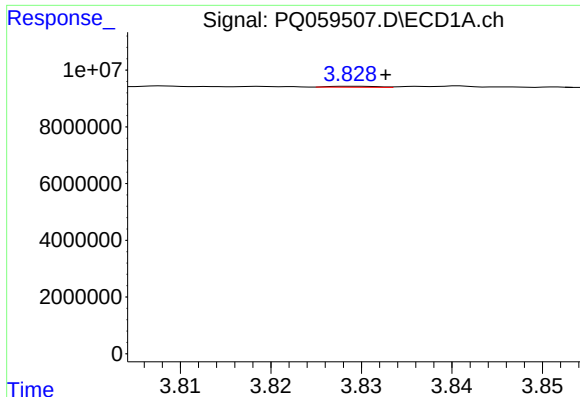
#10 AR-1221-3

R.T.: 3.829 min
Delta R.T.: -0.005 min
Response: 123002
Conc: 0.37 ng/ml



#10 AR-1221-3

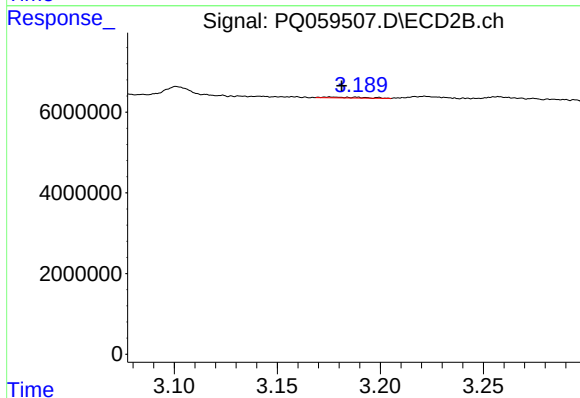
R.T.: 3.175 min
Delta R.T.: -0.006 min
Response: 278473
Conc: 1.21 ng/ml



#11 AR-1232-1

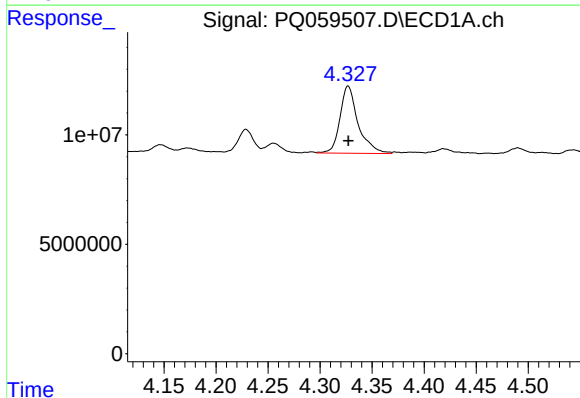
R.T.: 3.829 min
Delta R.T.: -0.004 min
Response: 123002
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



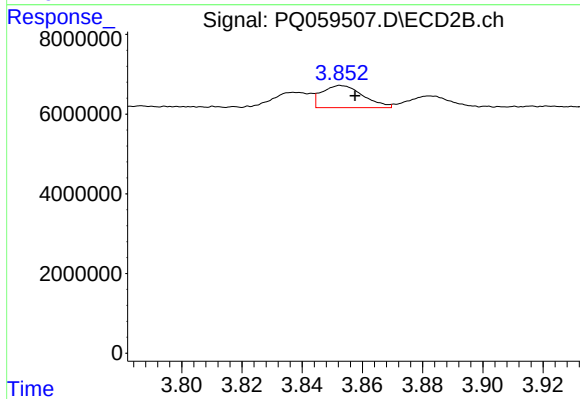
#11 AR-1232-1

R.T.: 3.175 min
Delta R.T.: -0.006 min
Response: 278473
Conc: 1.45 ng/ml



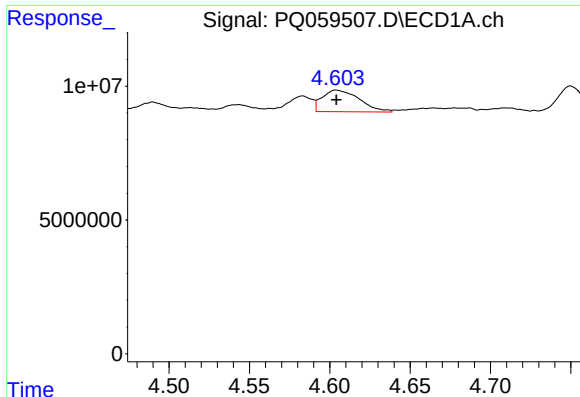
#12 AR-1232-2

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 37268582
Conc: 253.68 ng/ml



#12 AR-1232-2

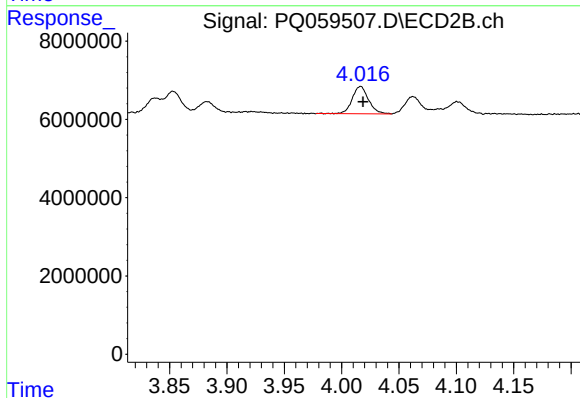
R.T.: 3.853 min
Delta R.T.: -0.005 min
Response: 5277924
Conc: 28.02 ng/ml



#13 AR-1232-3

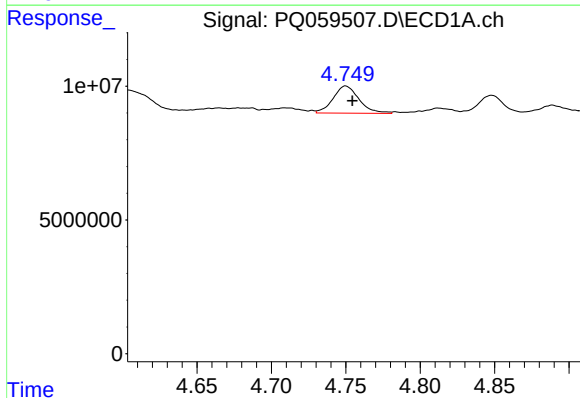
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 13003292
Conc: 45.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



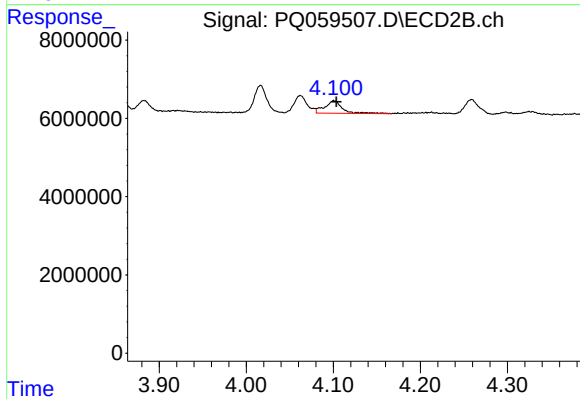
#13 AR-1232-3

R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 6872530
Conc: 70.47 ng/ml



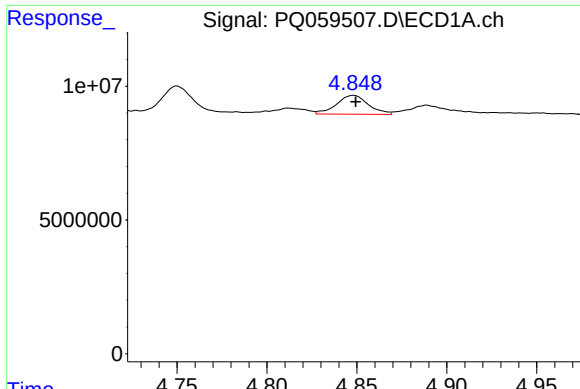
#14 AR-1232-4

R.T.: 4.750 min
Delta R.T.: -0.005 min
Response: 12393588
Conc: 82.84 ng/ml



#14 AR-1232-4

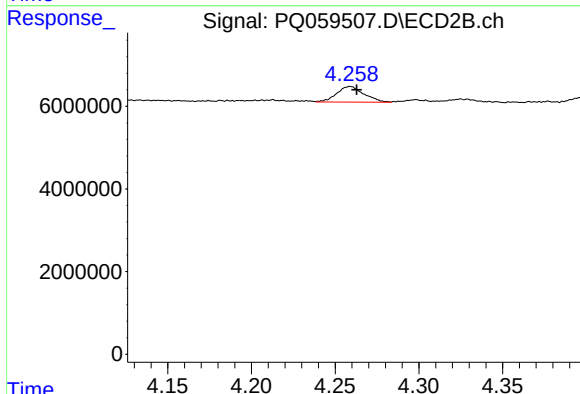
R.T.: 4.101 min
Delta R.T.: -0.003 min
Response: 4624659
Conc: 56.65 ng/ml



#15 AR-1232-5

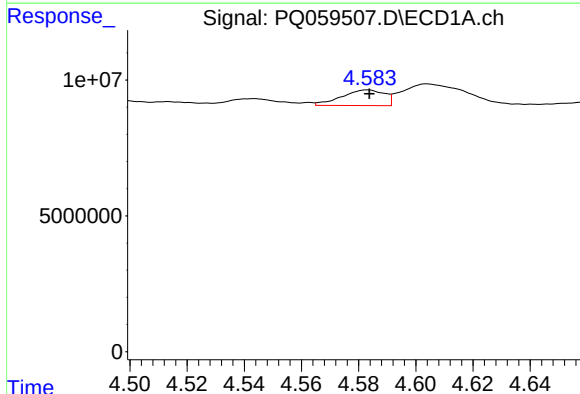
R.T.: 4.848 min
Delta R.T.: -0.001 min
Response: 8742847
Conc: 83.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



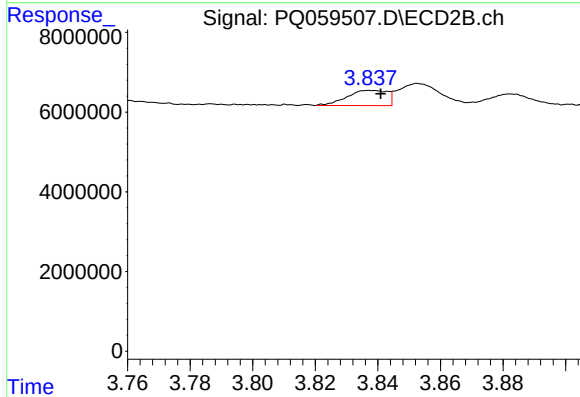
#15 AR-1232-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 4280958
Conc: 44.83 ng/ml



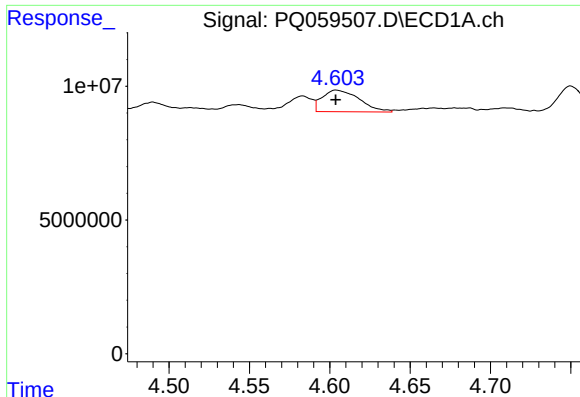
#16 AR-1242-1

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 5988779
Conc: 17.19 ng/ml



#16 AR-1242-1

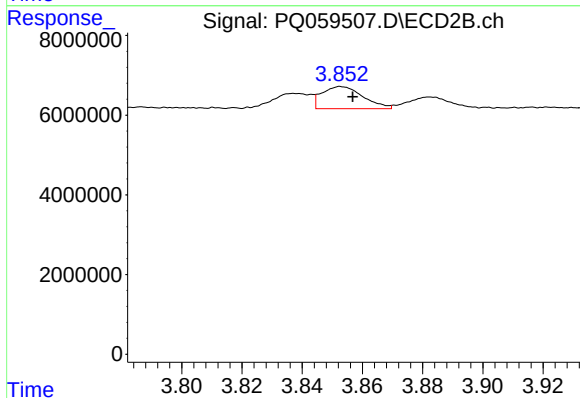
R.T.: 3.838 min
Delta R.T.: -0.003 min
Response: 3387138
Conc: 14.60 ng/ml



#17 AR-1242-2

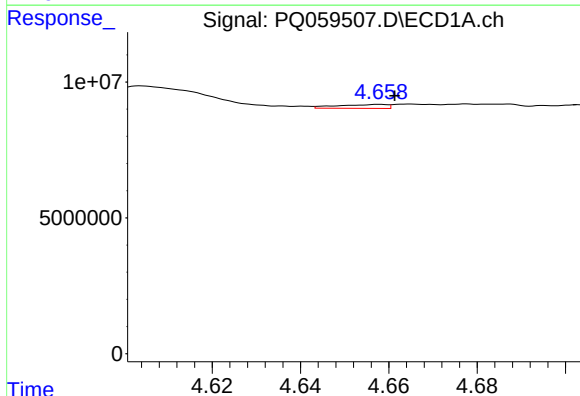
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 13003292
Conc: 25.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



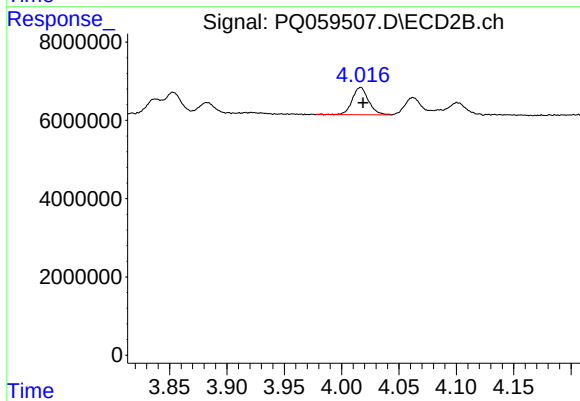
#17 AR-1242-2

R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 5277924
Conc: 15.14 ng/ml



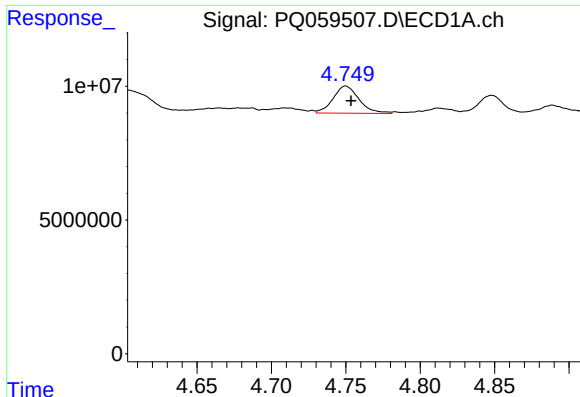
#18 AR-1242-3

R.T.: 4.658 min
Delta R.T.: -0.003 min
Response: 1124752
Conc: 3.48 ng/ml



#18 AR-1242-3

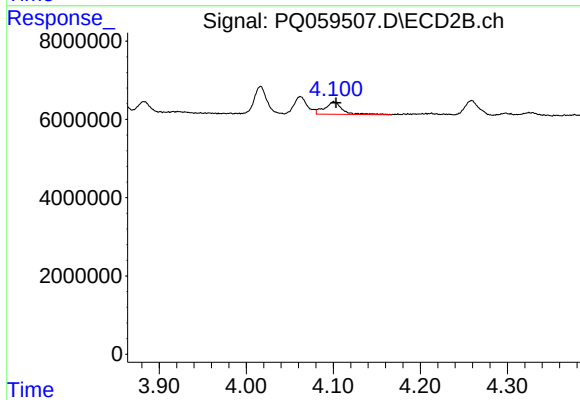
R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 6872530
Conc: 37.61 ng/ml



#19 AR-1242-4

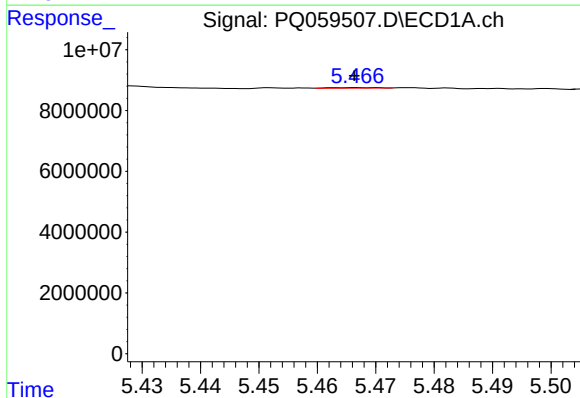
R.T.: 4.750 min
Delta R.T.: -0.004 min
Response: 12393588
Conc: 45.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



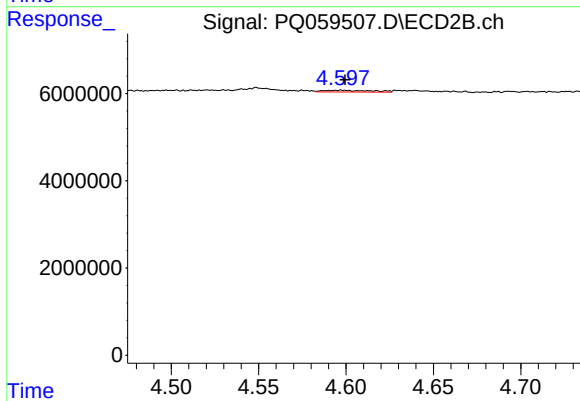
#19 AR-1242-4

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 4624659
Conc: 27.42 ng/ml



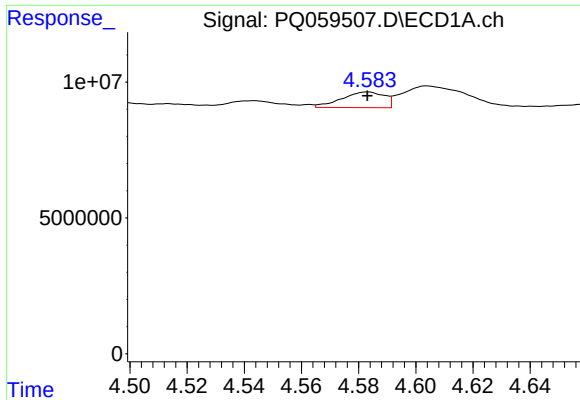
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 98797
Conc: 0.37 ng/ml



#20 AR-1242-5

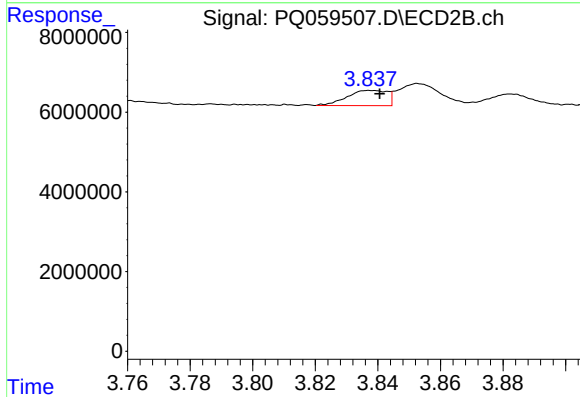
R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 815995
Conc: 3.69 ng/ml



#21 AR-1248-1

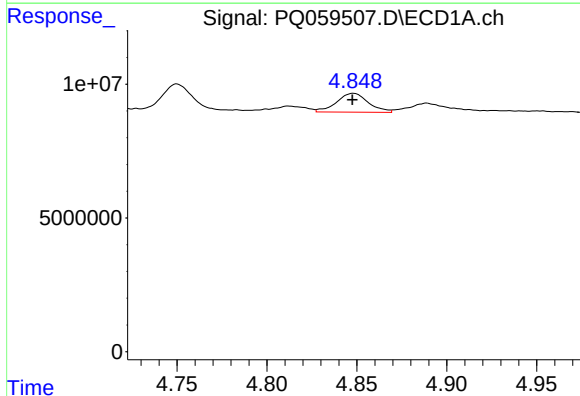
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 5988779
Conc: 22.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



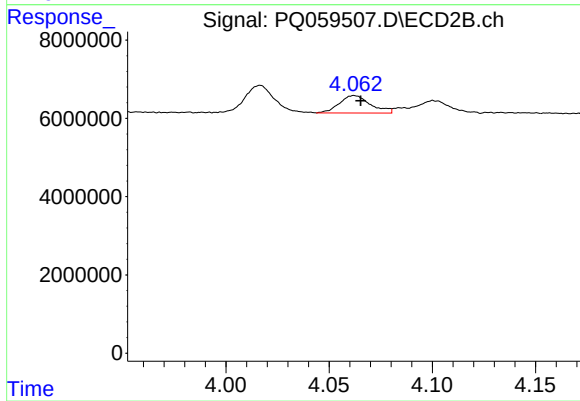
#21 AR-1248-1

R.T.: 3.838 min
Delta R.T.: -0.003 min
Response: 3387138
Conc: 19.05 ng/ml



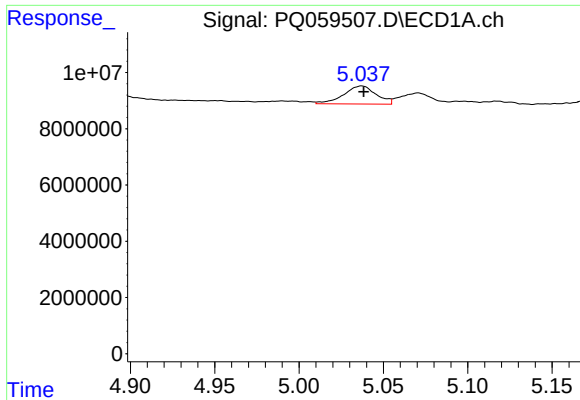
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 8742847
Conc: 24.52 ng/ml



#22 AR-1248-2

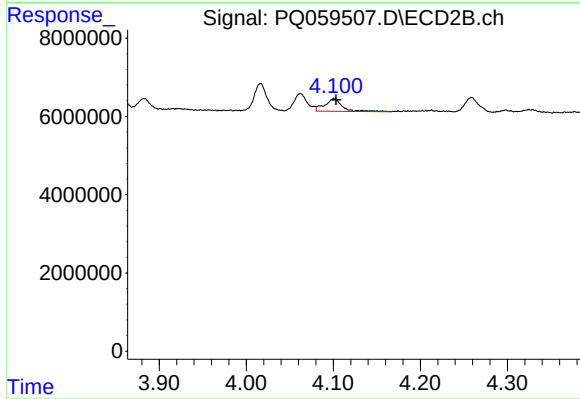
R.T.: 4.062 min
Delta R.T.: -0.003 min
Response: 4676652
Conc: 18.52 ng/ml



#23 AR-1248-3

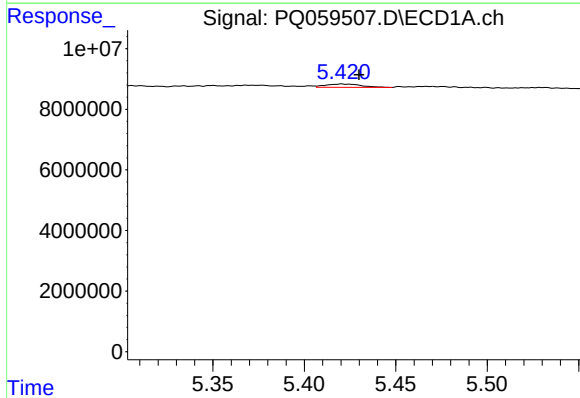
R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 8659179
Conc: 20.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



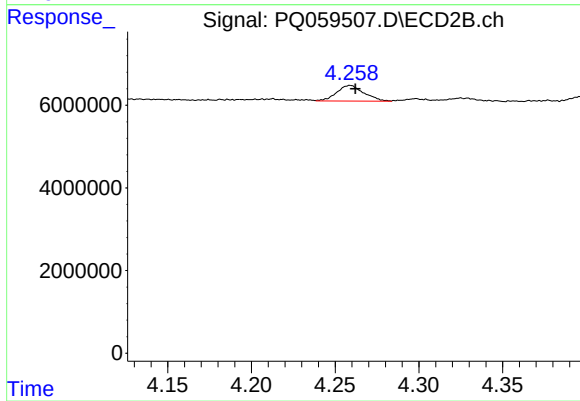
#23 AR-1248-3

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 4624659
Conc: 18.32 ng/ml



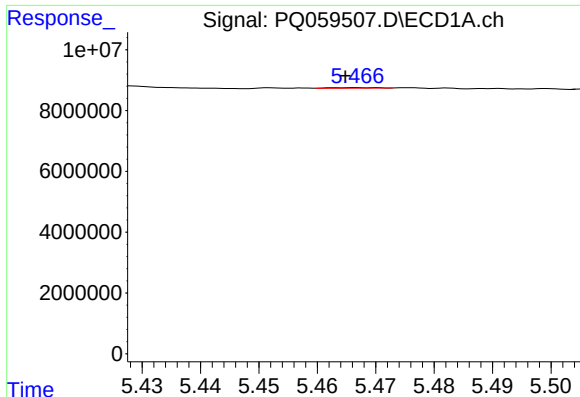
#24 AR-1248-4

R.T.: 5.420 min
Delta R.T.: -0.010 min
Response: 1493769
Conc: 3.21 ng/ml



#24 AR-1248-4

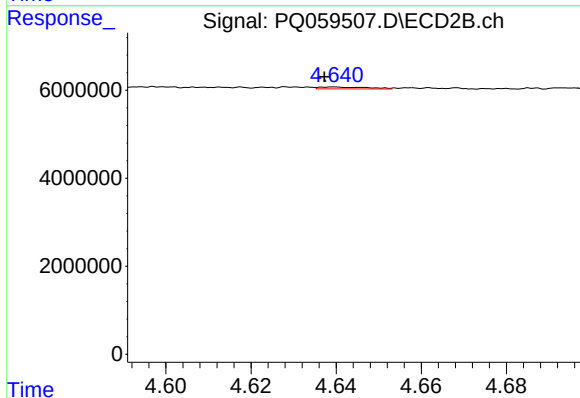
R.T.: 4.259 min
Delta R.T.: -0.003 min
Response: 4280958
Conc: 13.71 ng/ml



#25 AR-1248-5

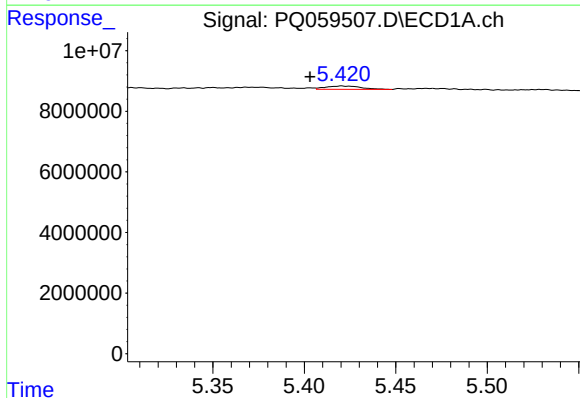
R.T.: 5.467 min
Delta R.T.: 0.002 min
Response: 98797
Conc: 0.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



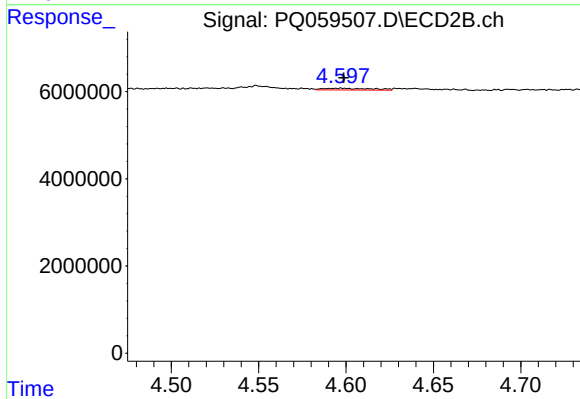
#25 AR-1248-5

R.T.: 4.639 min
Delta R.T.: 0.002 min
Response: 355108
Conc: 1.13 ng/ml



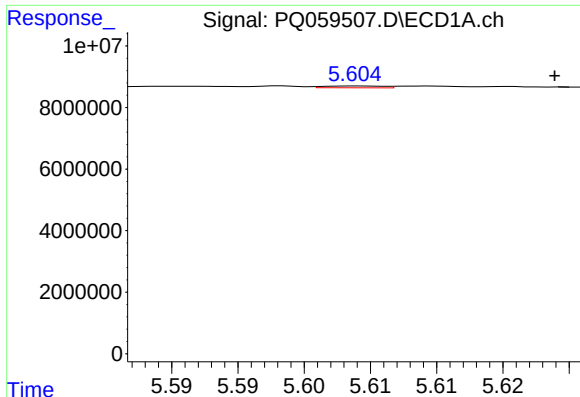
#26 AR-1254-1

R.T.: 5.420 min
Delta R.T.: 0.017 min
Response: 1493769
Conc: 3.11 ng/ml



#26 AR-1254-1

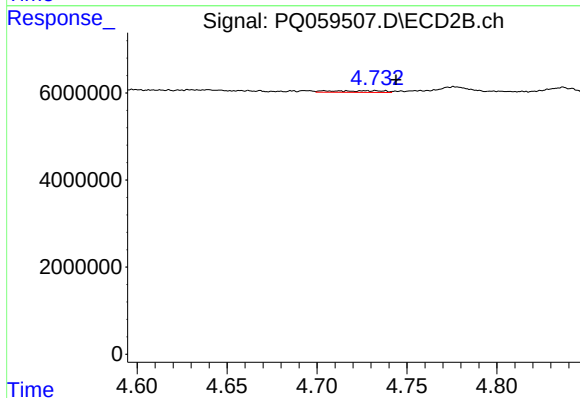
R.T.: 4.597 min
Delta R.T.: -0.001 min
Response: 815995
Conc: 1.67 ng/ml



#27 AR-1254-2

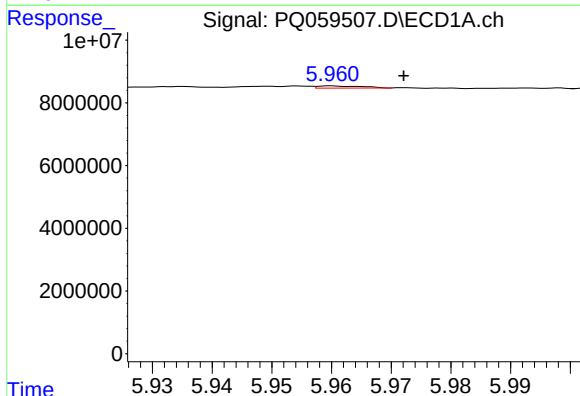
R.T.: 5.604 min
Delta R.T.: -0.015 min
Response: 189193
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



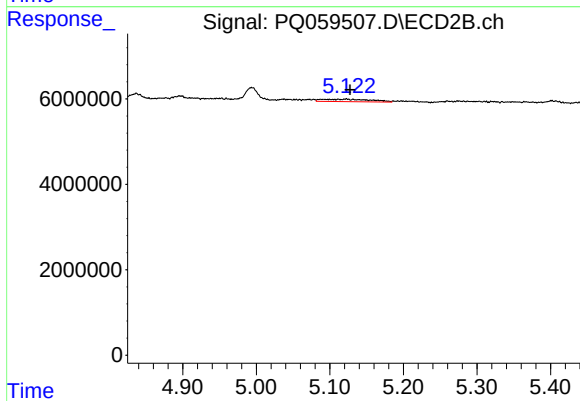
#27 AR-1254-2

R.T.: 4.733 min
Delta R.T.: -0.011 min
Response: 762482
Conc: 1.76 ng/ml



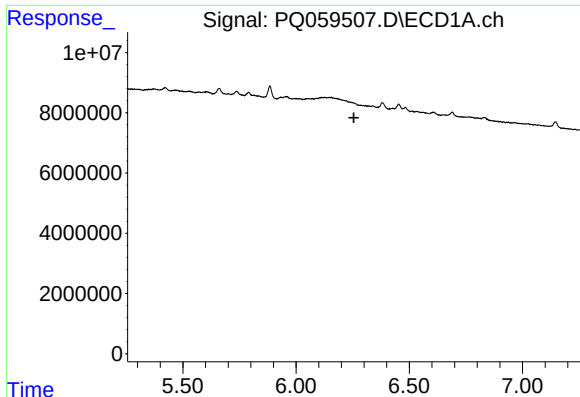
#28 AR-1254-3

R.T.: 5.960 min
Delta R.T.: -0.012 min
Response: 368502
Conc: 0.47 ng/ml



#28 AR-1254-3

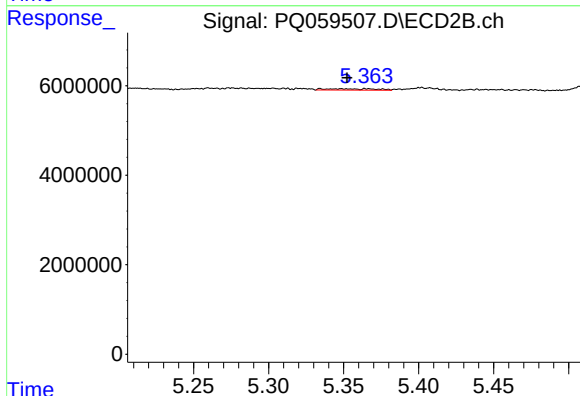
R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 2560175
Conc: 3.69 ng/ml



#29 AR-1254-4

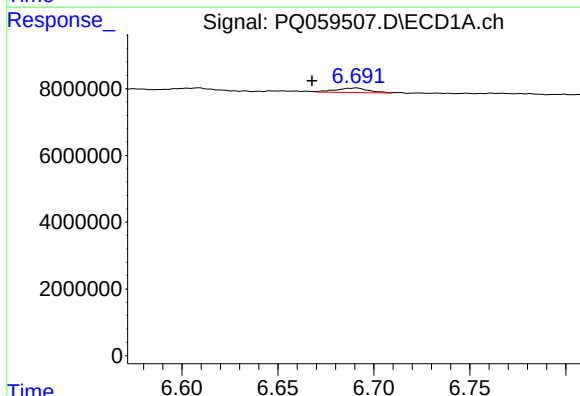
R.T.: 0.000 min
Exp R.T.: 6.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



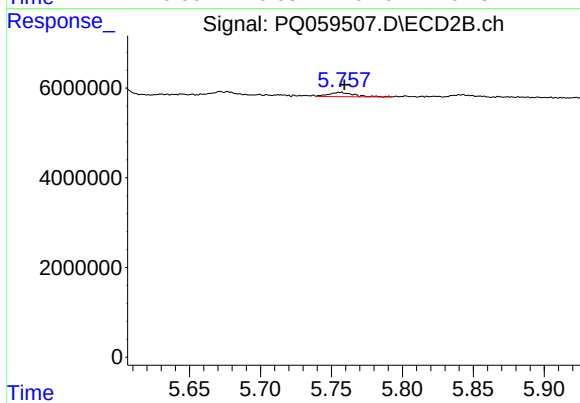
#29 AR-1254-4

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 696927
Conc: 1.62 ng/ml



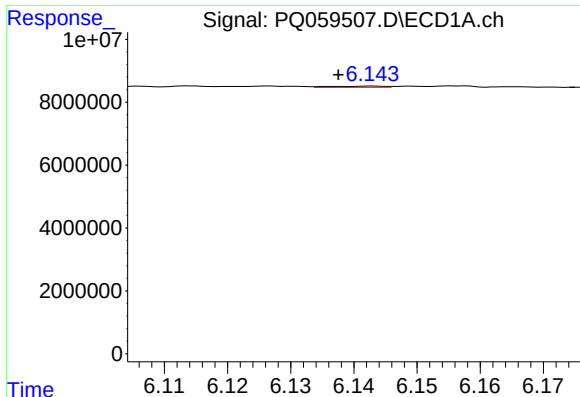
#30 AR-1254-5

R.T.: 6.691 min
Delta R.T.: 0.023 min
Response: 1665466
Conc: 2.81 ng/ml



#30 AR-1254-5

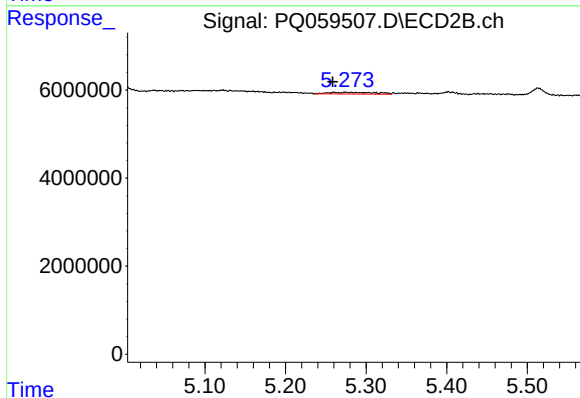
R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 1239877
Conc: 2.00 ng/ml



#31 AR-1260-1

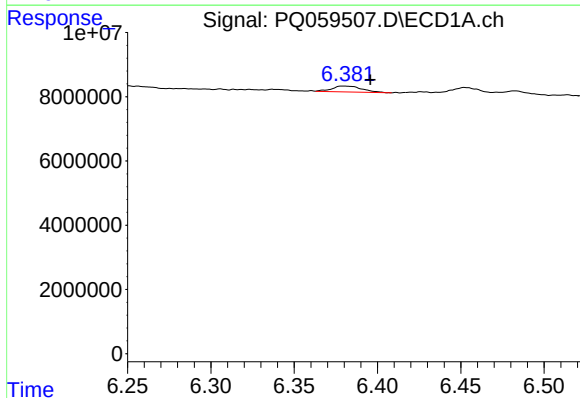
R.T.: 6.143 min
Delta R.T.: 0.005 min
Response: 232057
Conc: 0.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



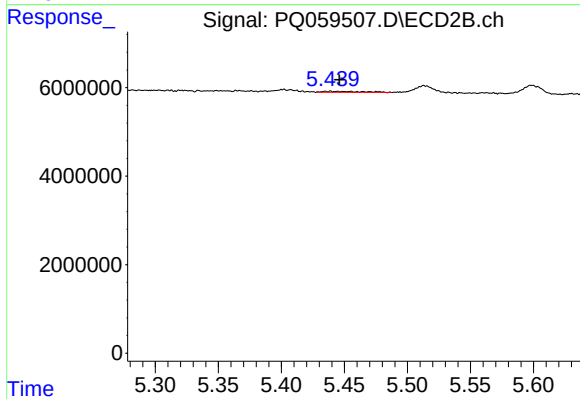
#31 AR-1260-1

R.T.: 5.276 min
Delta R.T.: 0.017 min
Response: 1476796
Conc: 3.28 ng/ml



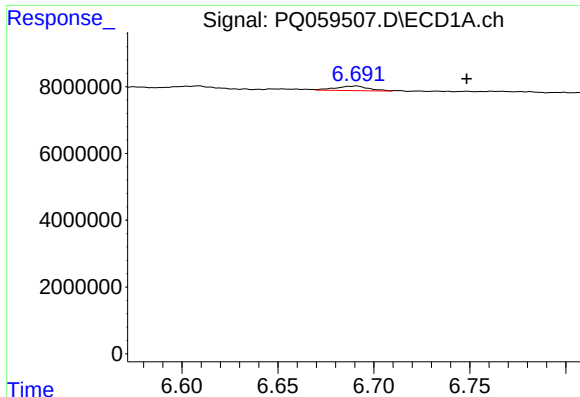
#32 AR-1260-2

R.T.: 6.380 min
Delta R.T.: -0.015 min
Response: 2291275
Conc: 3.59 ng/ml



#32 AR-1260-2

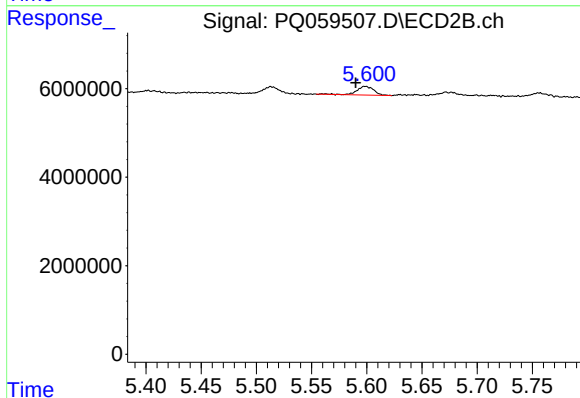
R.T.: 5.439 min
Delta R.T.: -0.007 min
Response: 476548
Conc: 0.87 ng/ml



#33 AR-1260-3

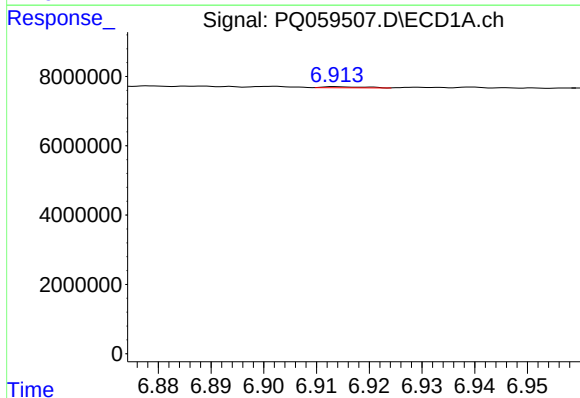
R.T.: 6.691 min
Delta R.T.: -0.058 min
Response: 1665466
Conc: 3.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



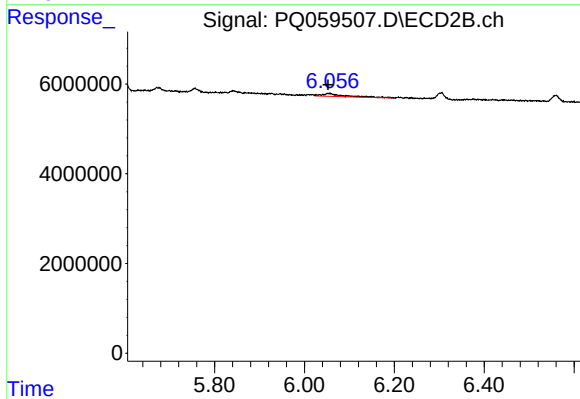
#33 AR-1260-3

R.T.: 5.599 min
Delta R.T.: 0.009 min
Response: 2082694
Conc: 4.01 ng/ml



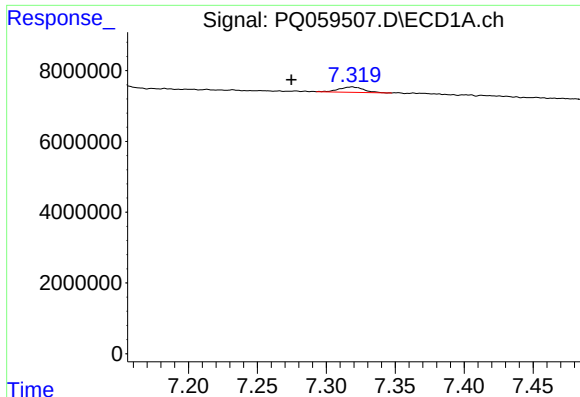
#34 AR-1260-4

R.T.: 6.914 min
Delta R.T.: -0.053 min
Response: 154235
Conc: 0.32 ng/ml



#34 AR-1260-4

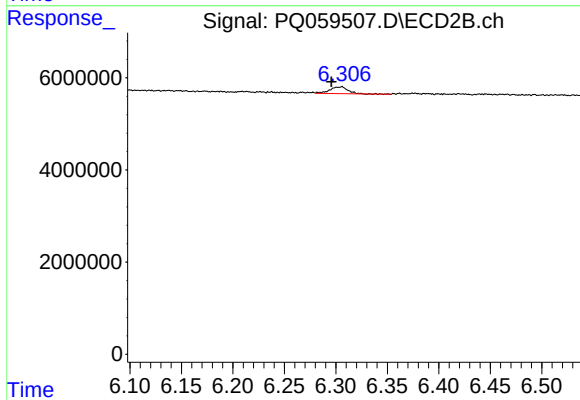
R.T.: 6.055 min
Delta R.T.: 0.003 min
Response: 2351867
Conc: 5.32 ng/ml



#35 AR-1260-5

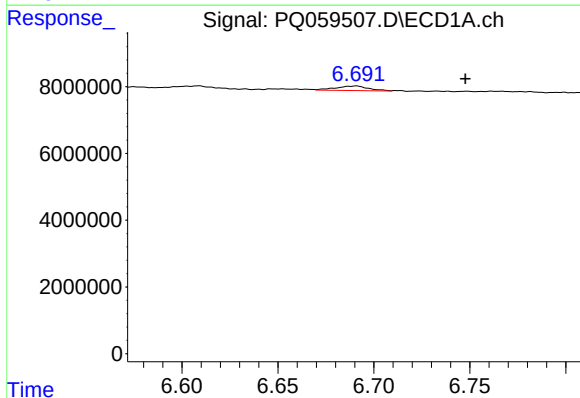
R.T.: 7.319 min
Delta R.T.: 0.044 min
Response: 1876275
Conc: 2.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



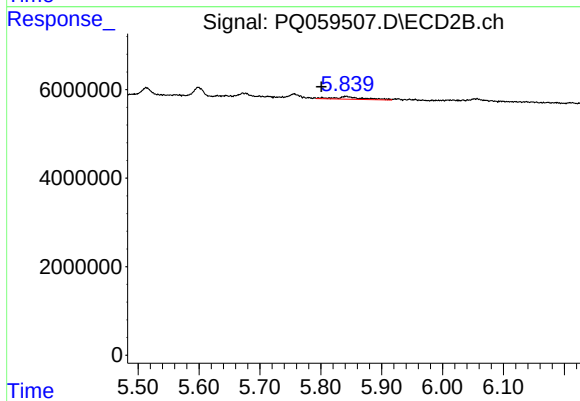
#35 AR-1260-5

R.T.: 6.304 min
Delta R.T.: 0.008 min
Response: 1770831
Conc: 1.74 ng/ml



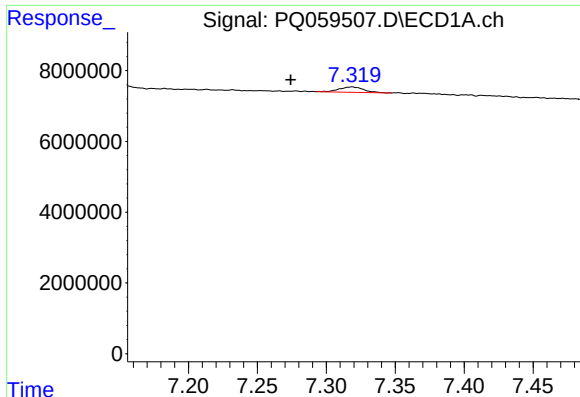
#36 AR-1262-1

R.T.: 6.691 min
Delta R.T.: -0.057 min
Response: 1665466
Conc: 2.40 ng/ml



#36 AR-1262-1

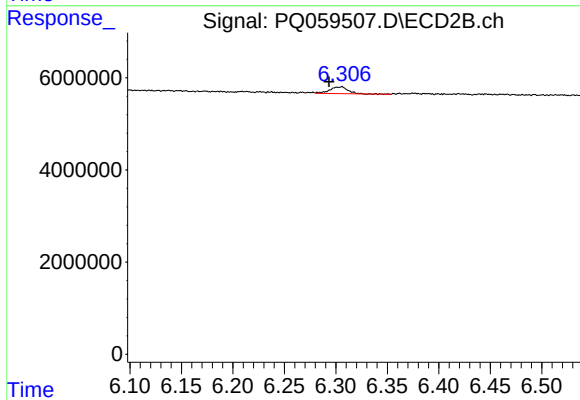
R.T.: 5.842 min
Delta R.T.: 0.041 min
Response: 1996881
Conc: 3.13 ng/ml



#37 AR-1262-2

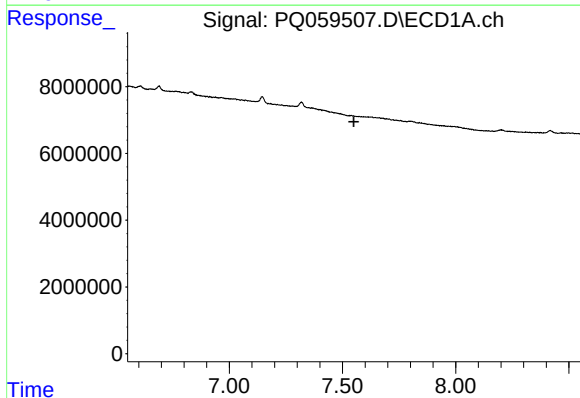
R.T.: 7.319 min
Delta R.T.: 0.045 min
Response: 1876275
Conc: 1.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



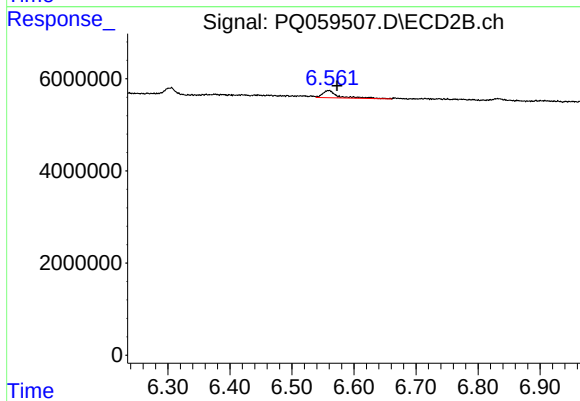
#37 AR-1262-2

R.T.: 6.304 min
Delta R.T.: 0.010 min
Response: 1770831
Conc: 1.51 ng/ml



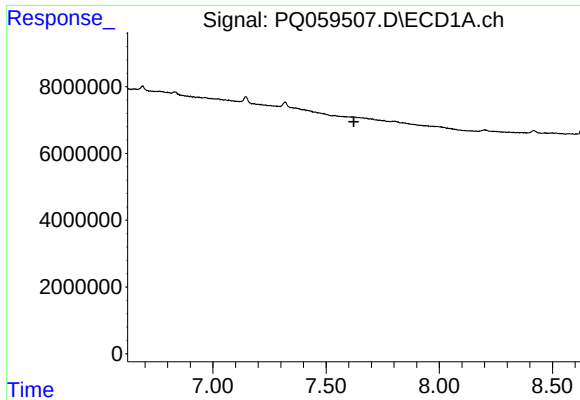
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.550 min
Response: 0
Conc: N.D.



#38 AR-1262-3

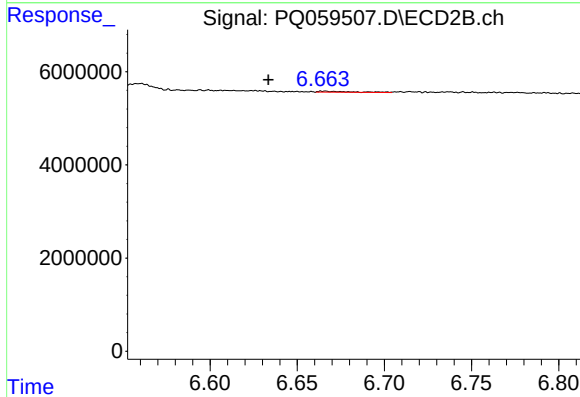
R.T.: 6.559 min
Delta R.T.: -0.014 min
Response: 2634695
Conc: 5.72 ng/ml



#39 AR-1262-4

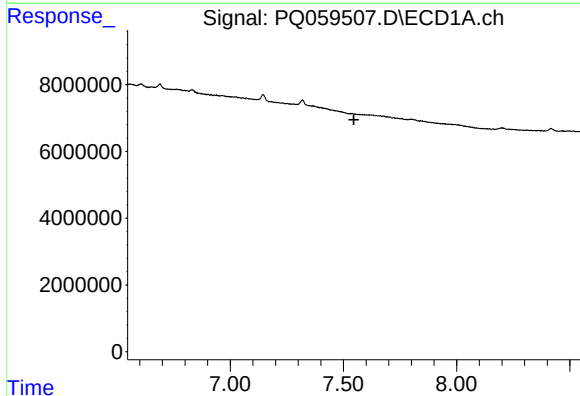
R.T.: 0.000 min
Exp R.T.: 7.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



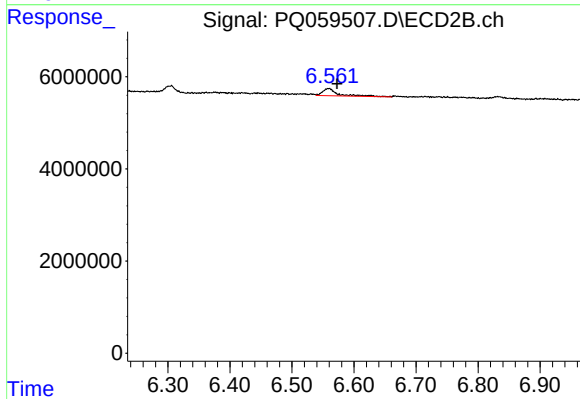
#39 AR-1262-4

R.T.: 6.666 min
Delta R.T.: 0.033 min
Response: 251765
Conc: 0.29 ng/ml



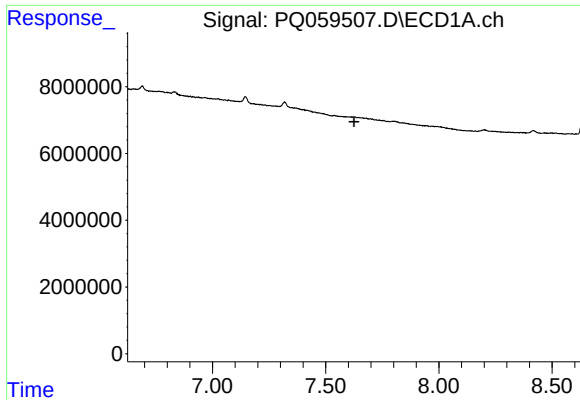
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.546 min
Response: 0
Conc: N.D.



#41 AR-1268-1

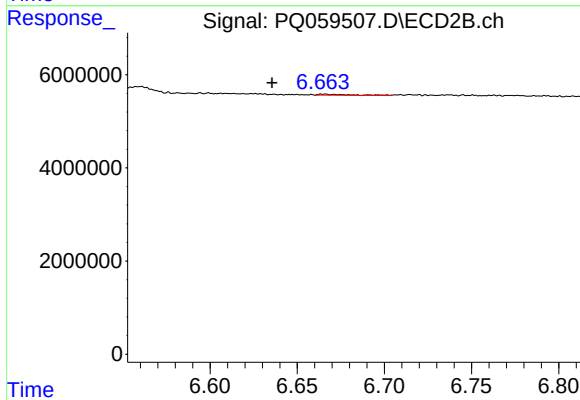
R.T.: 6.559 min
Delta R.T.: -0.014 min
Response: 2634695
Conc: 1.87 ng/ml



#42 AR-1268-2

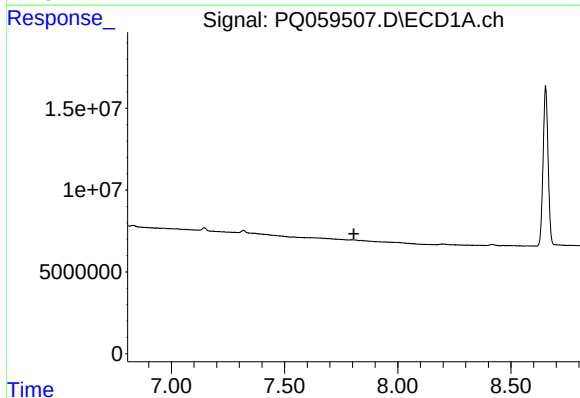
R.T.: 0.000 min
Exp R.T.: 7.625 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



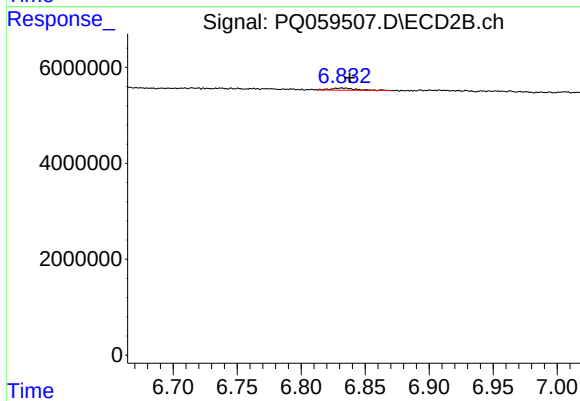
#42 AR-1268-2

R.T.: 6.666 min
Delta R.T.: 0.031 min
Response: 251765
Conc: 0.19 ng/ml



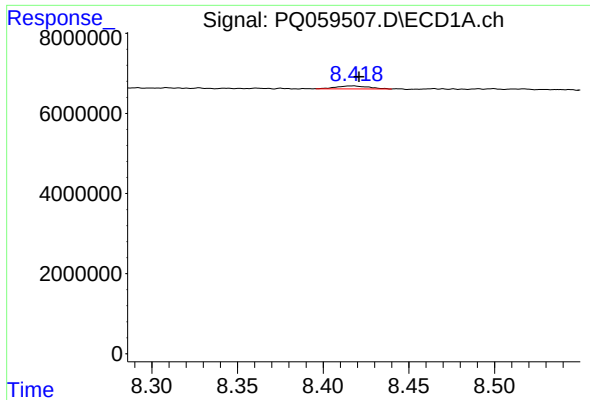
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 7.806 min
Response: 0
Conc: N.D.



#43 AR-1268-3

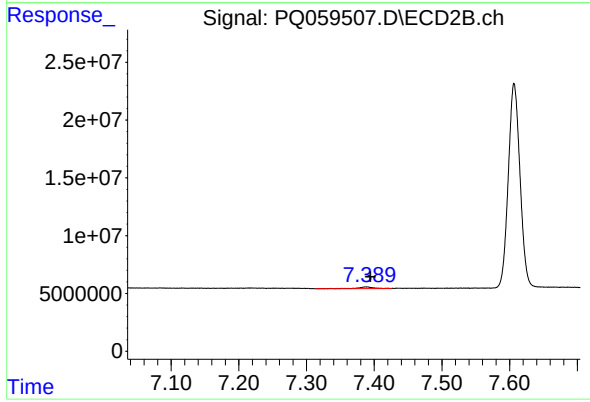
R.T.: 6.832 min
Delta R.T.: -0.006 min
Response: 445241
Conc: 0.40 ng/ml



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.003 min
Response: 975364
Conc: 0.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 2579297
Conc: 0.72 ng/ml