

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062822\
 Data File : PQ058392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2022 11:23
 Operator : YP\AJ
 Sample : N3425-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 22:29:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 23 10:51:17 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...	4.688	4.051	266.8E6	136.9E6	17.401	10.833 #
2)	SA Decachlor...	10.607	9.188	348.1E6	219.6E6	25.200	25.400
Target Compounds							
3)	L1 AR-1016-1	5.820f	5.156	14171387	126090	37.331	0.322 #
4)	L1 AR-1016-2	5.930f	5.211	282158	3894425	0.433	6.968 #
5)	L1 AR-1016-3	5.930	5.374	282158	418854	0.716	1.482 #
6)	L1 AR-1016-4	6.058	5.407	2089629	796513	6.133	3.518 #
7)	L1 AR-1016-5	6.348	5.645	2653121	272811	8.945	0.939 #
8)	L2 AR-1221-1	4.943f	4.294	12864666	201.7E6	79.161	1475.770 #
9)	L2 AR-1221-2	5.010	4.356	68035774	4224824	582.745	44.614 #
10)	L2 AR-1221-3	5.054	4.407f	98867	5760465	0.259	17.749 #
11)	L3 AR-1232-1	5.054	4.407f	98867	5760465	0.324	21.712 #
12)	L3 AR-1232-2	5.602	5.211	237810	3894425	1.569	15.603 #
13)	L3 AR-1232-3	5.930f	5.374	282158	418854	0.956	3.404 #
14)	L3 AR-1232-4	6.058	5.437	2089629	18777644	13.927	170.301 #
15)	L3 AR-1232-5	6.124	5.645	26063779	272811	286.645	2.224 #
16)	L4 AR-1242-1	5.820f	5.156	14171387	126090	43.041	0.371 #
17)	L4 AR-1242-2	5.930f	5.211	282158	3894425	0.502	8.042 #
18)	L4 AR-1242-3	5.930	5.374	282158	418854	0.824	1.706 #
19)	L4 AR-1242-4	6.058	5.437	2089629	18777644	6.966	78.209 #
20)	L4 AR-1242-5	6.734f	5.990	1113337	3495295	3.864	11.648 #
21)	L5 AR-1248-1	5.820f	5.156	14171387	126090	59.054	0.508 #
22)	L5 AR-1248-2	6.124	5.407	26063779	796513	81.199	2.374 #
23)	L5 AR-1248-3	6.348	5.437	2653121	18777644	6.470	53.601 #
24)	L5 AR-1248-4	6.734	5.645	1113337	272811	2.442	0.654 #
25)	L5 AR-1248-5	6.734f	5.990	1113337	3495295	2.356	8.388 #
26)	L6 AR-1254-1	6.729	5.990	574579	3495295	1.181	5.136 #
27)	L6 AR-1254-2	0.000	6.129	0	272030	N.D.	0.464 #
28)	L6 AR-1254-3	7.340	6.527	3367799	1042849	3.755	1.131 #
29)	L6 AR-1254-4	7.610	6.790	4435146	747310	7.265	1.314 #
30)	L6 AR-1254-5	7.964f	7.178	2992526	963831	4.424	1.306 #
31)	L7 AR-1260-1	7.443	0.000	5497644	0	12.244	N.D. #
32)	L7 AR-1260-2	7.713	6.827	4423557	2504360	8.162	4.323 #
33)	L7 AR-1260-3	7.964f	7.001	2992526	1720379	4.266	3.195 #
34)	L7 AR-1260-4	0.000	7.479	0	841314	N.D.	1.913 #
35)	L7 AR-1260-5	8.630f	0.000	2518948	0	2.128	N.D. #
36)	L8 AR-1262-1	0.000	7.178	0	963831	N.D.	2.994 #
37)	L8 AR-1262-2	8.630f	0.000	2518948	0	1.751	N.D. #
39)	L8 AR-1262-4	0.000	8.083	0	420541	N.D.	0.503 #
40)	L8 AR-1262-5	9.779	0.000	960025	0	1.556	N.D. #
42)	L9 AR-1268-2	0.000	8.083	0	420541	N.D.	0.280 #
43)	L9 AR-1268-3	9.342	8.271	1399411	130651	0.674	0.104 #

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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
44) L9	AR-1268-4	9.779	0.000	960025	0	1.149	N.D. #
45) L9	AR-1268-5	10.247	8.899	1731157	1468742	0.253	0.357 #

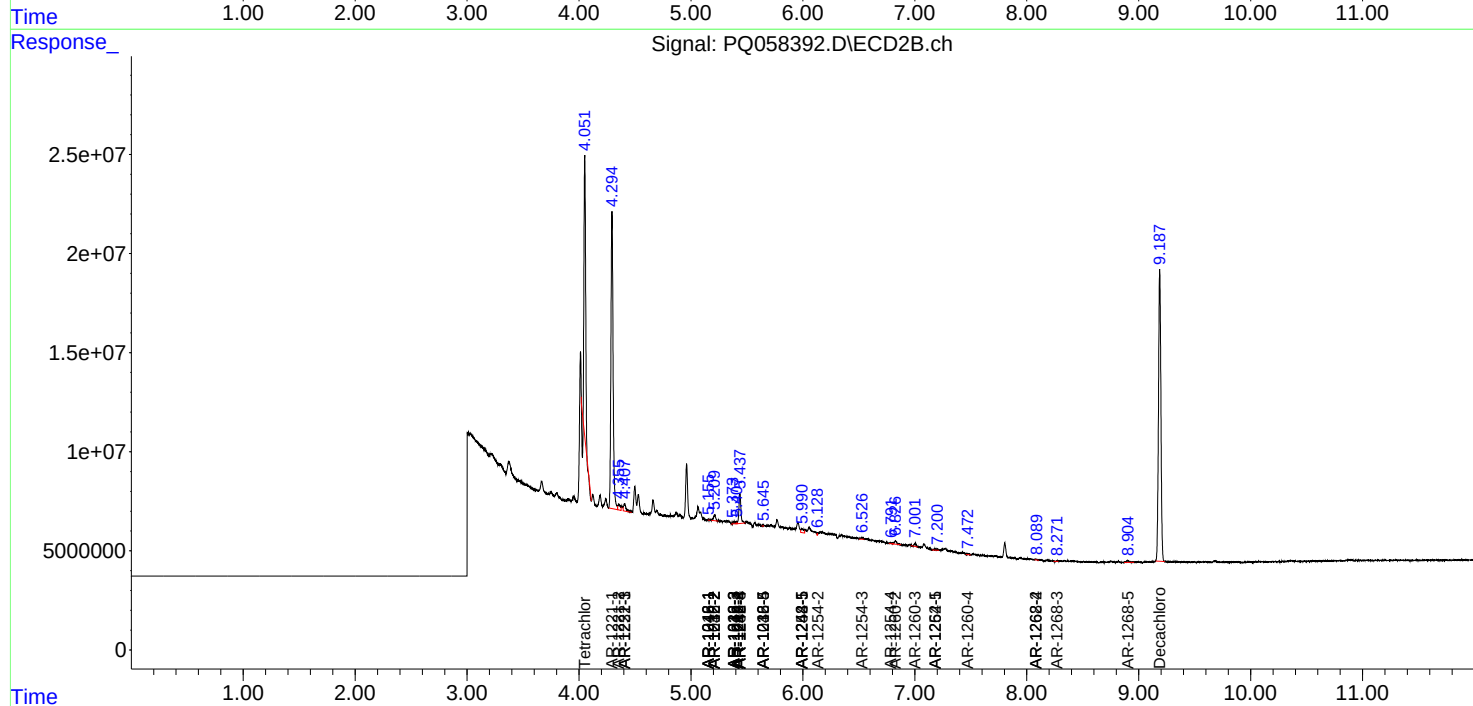
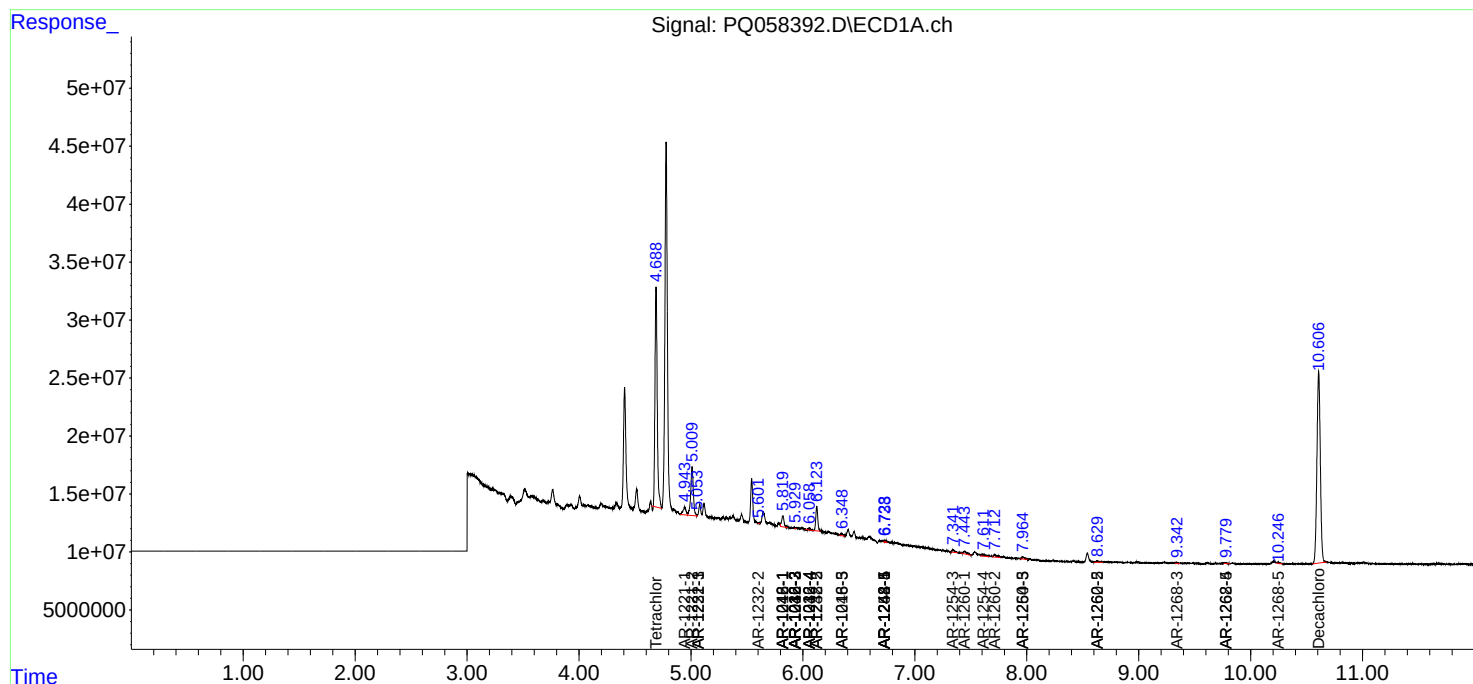
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

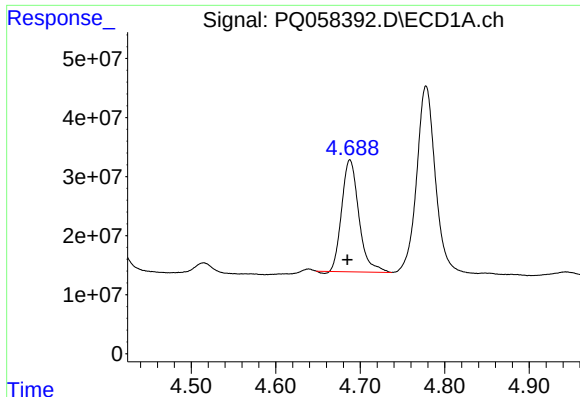
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

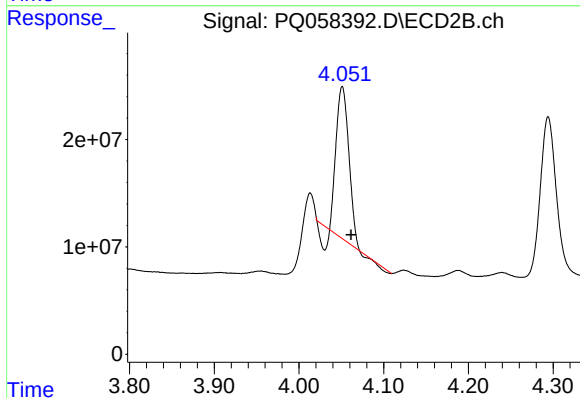




#1 Tetrachloro-m-xylene

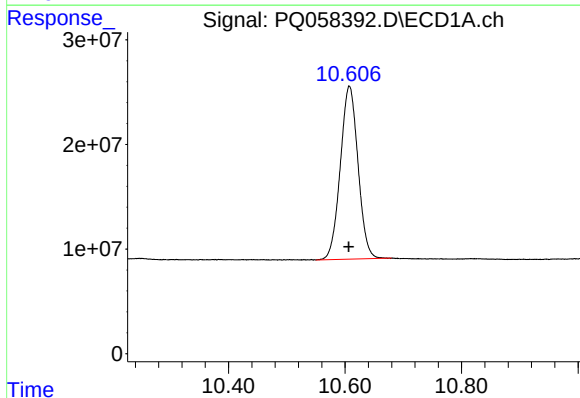
R.T.: 4.688 min
Delta R.T.: 0.003 min
Response: 266763660
Conc: 17.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



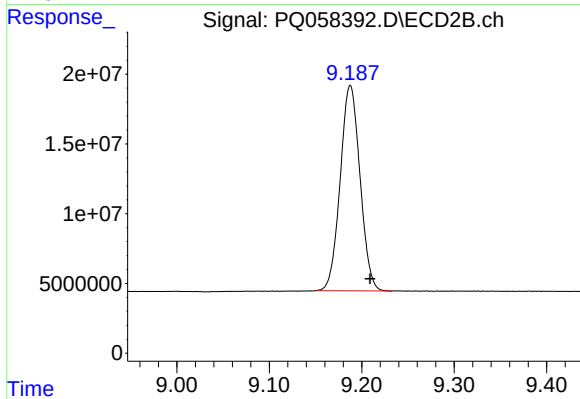
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: -0.010 min
Response: 136876069
Conc: 10.83 ng/ml



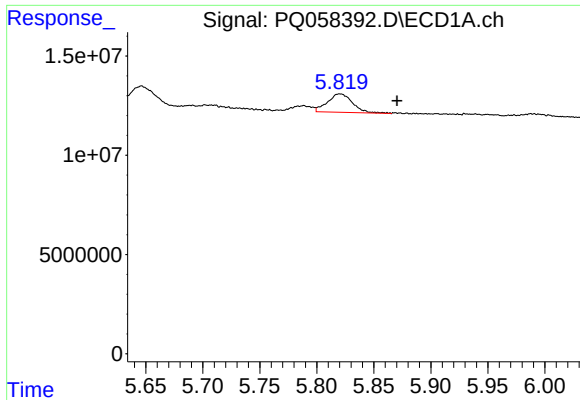
#2 Decachlorobiphenyl

R.T.: 10.607 min
Delta R.T.: 0.001 min
Response: 348139916
Conc: 25.20 ng/ml



#2 Decachlorobiphenyl

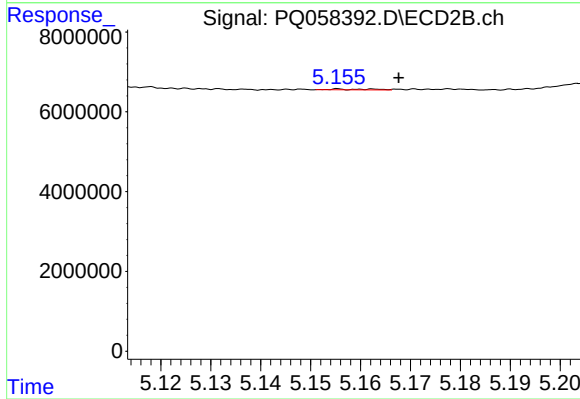
R.T.: 9.188 min
Delta R.T.: -0.022 min
Response: 219560067
Conc: 25.40 ng/ml



#3 AR-1016-1

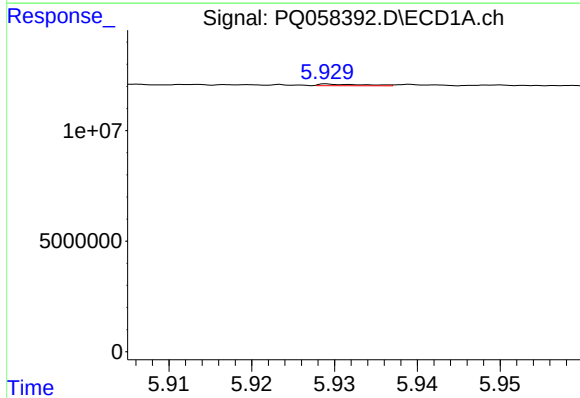
R.T.: 5.820 min
Delta R.T.: -0.050 min
Response: 14171387
Conc: 37.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



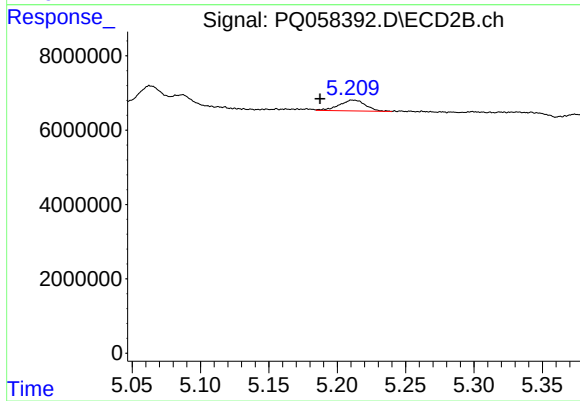
#3 AR-1016-1

R.T.: 5.156 min
Delta R.T.: -0.012 min
Response: 126090
Conc: 0.32 ng/ml



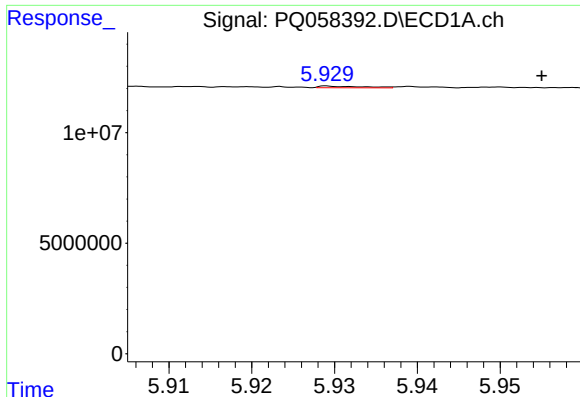
#4 AR-1016-2

R.T.: 5.930 min
Delta R.T.: 0.037 min
Response: 282158
Conc: 0.43 ng/ml



#4 AR-1016-2

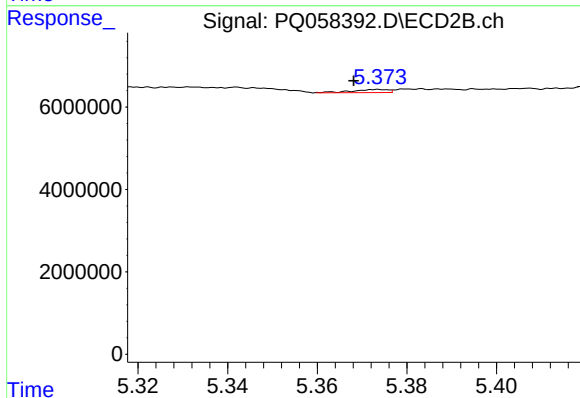
R.T.: 5.211 min
Delta R.T.: 0.023 min
Response: 3894425
Conc: 6.97 ng/ml



#5 AR-1016-3

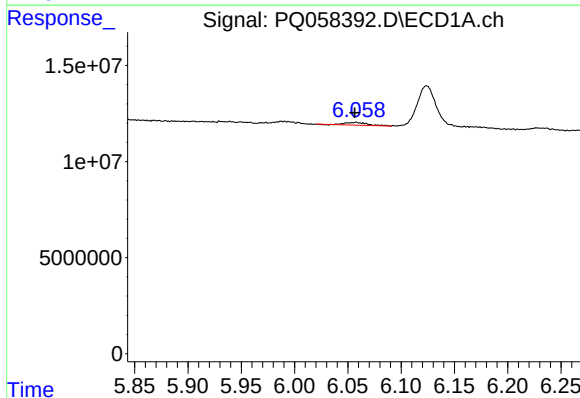
R.T.: 5.930 min
Delta R.T.: -0.026 min
Response: 282158
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



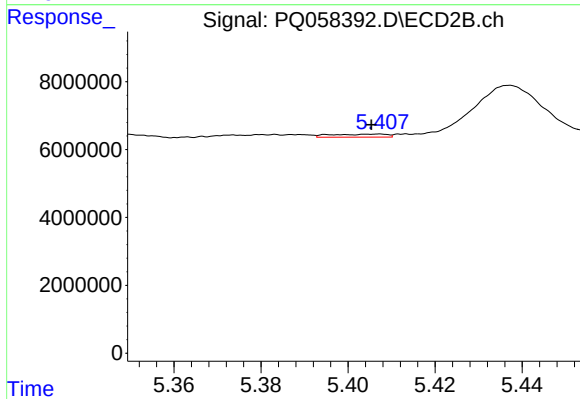
#5 AR-1016-3

R.T.: 5.374 min
Delta R.T.: 0.006 min
Response: 418854
Conc: 1.48 ng/ml



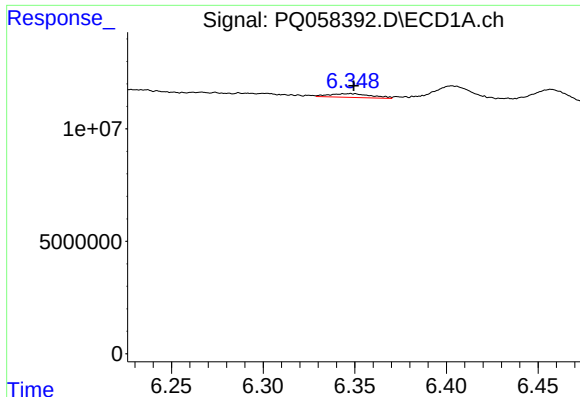
#6 AR-1016-4

R.T.: 6.058 min
Delta R.T.: 0.002 min
Response: 2089629
Conc: 6.13 ng/ml



#6 AR-1016-4

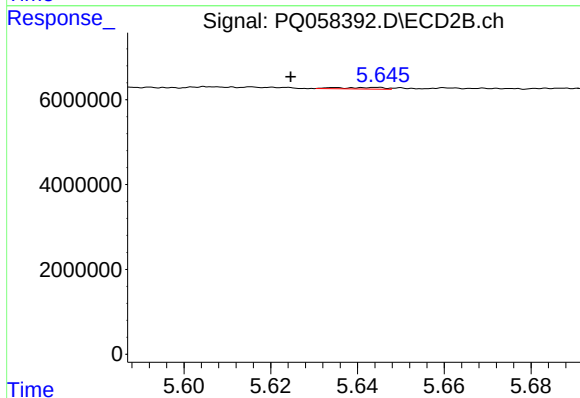
R.T.: 5.407 min
Delta R.T.: 0.002 min
Response: 796513
Conc: 3.52 ng/ml



#7 AR-1016-5

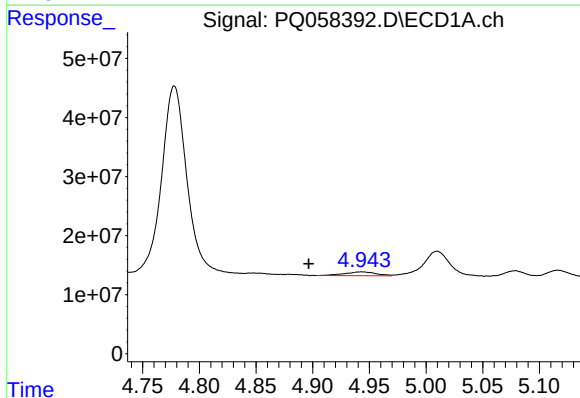
R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 2653121
Conc: 8.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



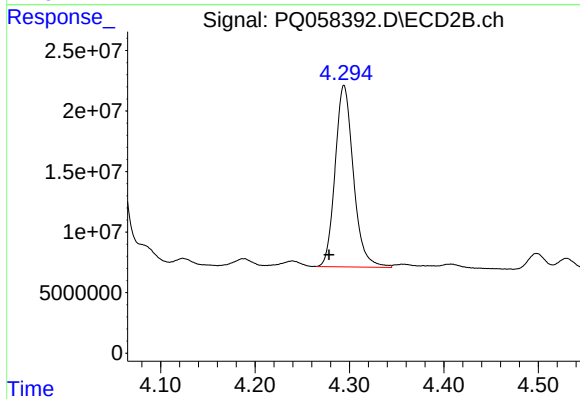
#7 AR-1016-5

R.T.: 5.645 min
Delta R.T.: 0.020 min
Response: 272811
Conc: 0.94 ng/ml



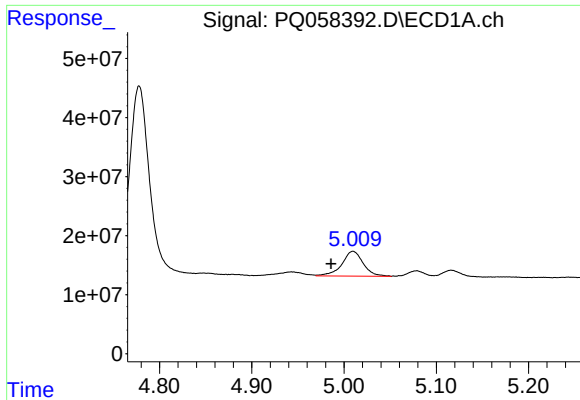
#8 AR-1221-1

R.T.: 4.943 min
Delta R.T.: 0.047 min
Response: 12864666
Conc: 79.16 ng/ml



#8 AR-1221-1

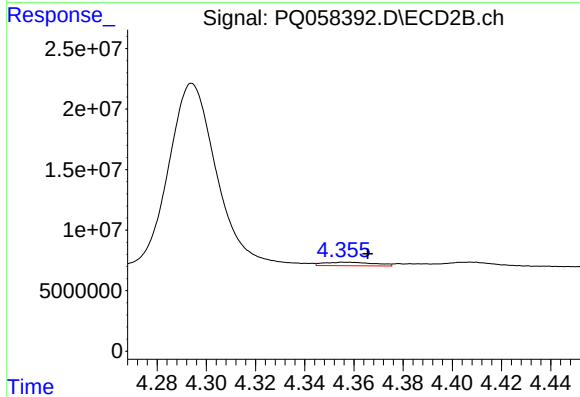
R.T.: 4.294 min
Delta R.T.: 0.016 min
Response: 201655309
Conc: 1475.77 ng/ml



#9 AR-1221-2

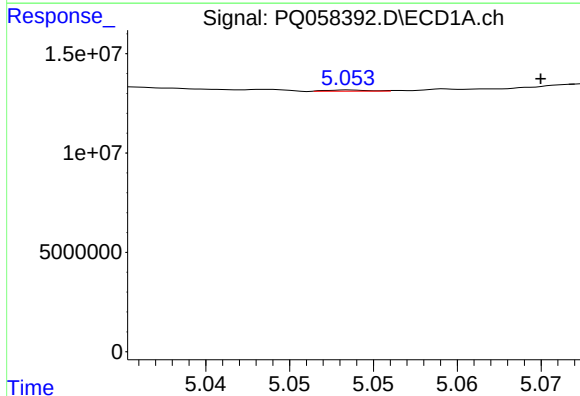
R.T.: 5.010 min
Delta R.T.: 0.024 min
Response: 68035774
Conc: 582.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



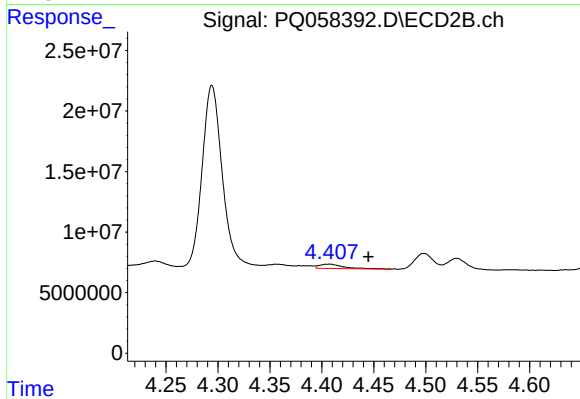
#9 AR-1221-2

R.T.: 4.356 min
Delta R.T.: -0.010 min
Response: 4224824
Conc: 44.61 ng/ml



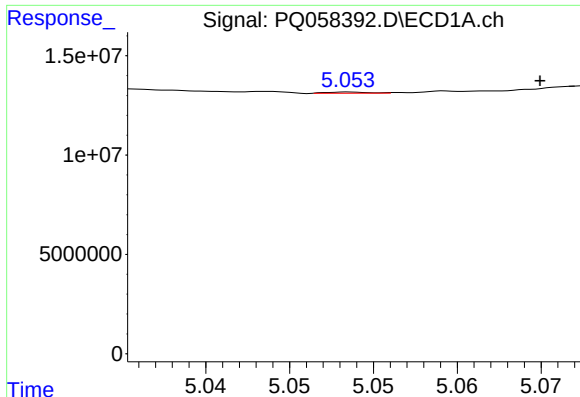
#10 AR-1221-3

R.T.: 5.054 min
Delta R.T.: -0.011 min
Response: 98867
Conc: 0.26 ng/ml



#10 AR-1221-3

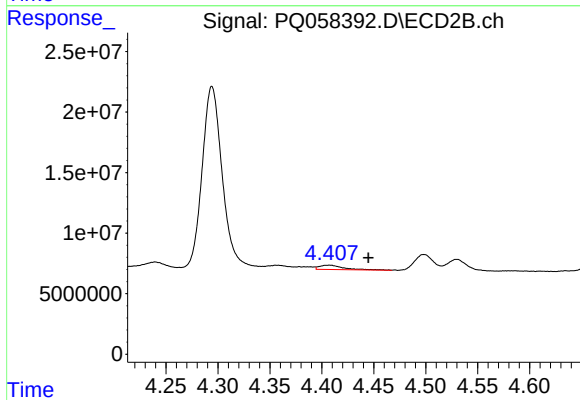
R.T.: 4.407 min
Delta R.T.: -0.037 min
Response: 5760465
Conc: 17.75 ng/ml



#11 AR-1232-1

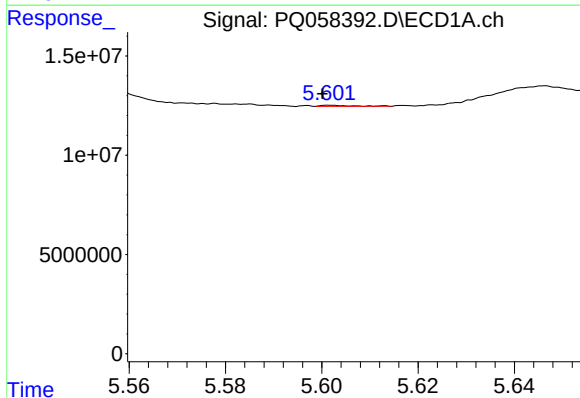
R.T.: 5.054 min
Delta R.T.: -0.011 min
Response: 98867
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



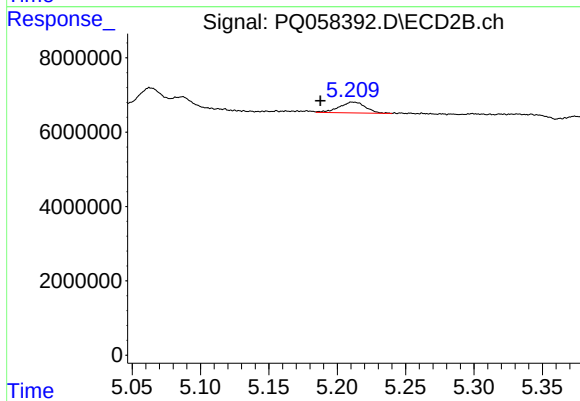
#11 AR-1232-1

R.T.: 4.407 min
Delta R.T.: -0.037 min
Response: 5760465
Conc: 21.71 ng/ml



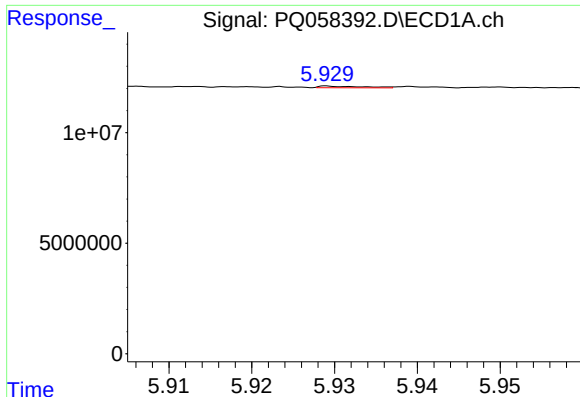
#12 AR-1232-2

R.T.: 5.602 min
Delta R.T.: 0.002 min
Response: 237810
Conc: 1.57 ng/ml



#12 AR-1232-2

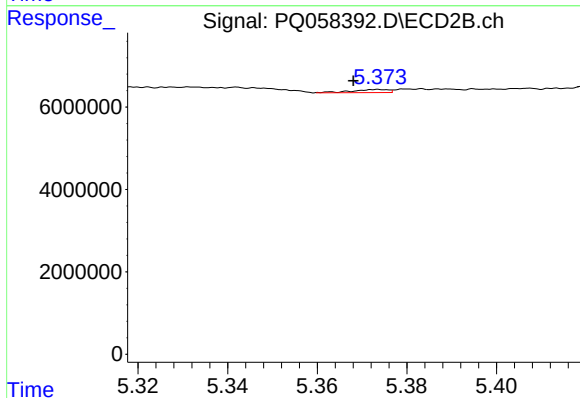
R.T.: 5.211 min
Delta R.T.: 0.023 min
Response: 3894425
Conc: 15.60 ng/ml



#13 AR-1232-3

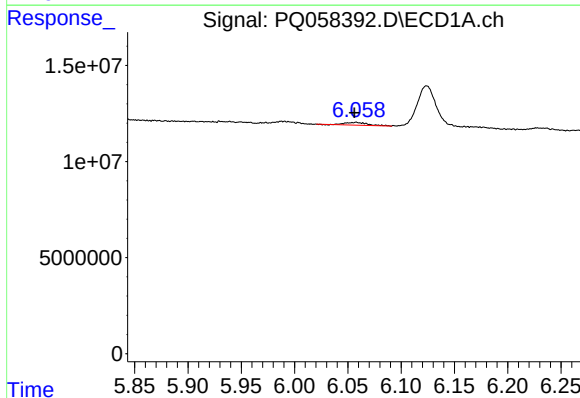
R.T.: 5.930 min
Delta R.T.: 0.037 min
Response: 282158
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



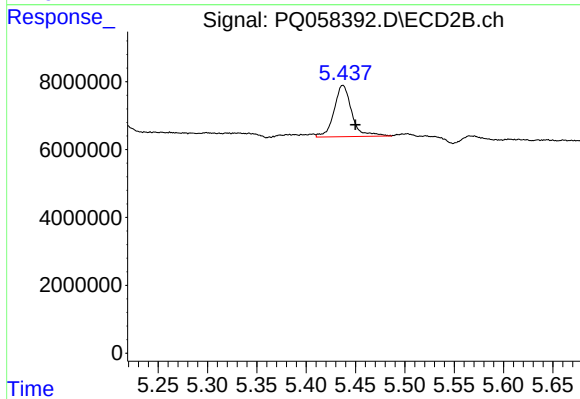
#13 AR-1232-3

R.T.: 5.374 min
Delta R.T.: 0.006 min
Response: 418854
Conc: 3.40 ng/ml



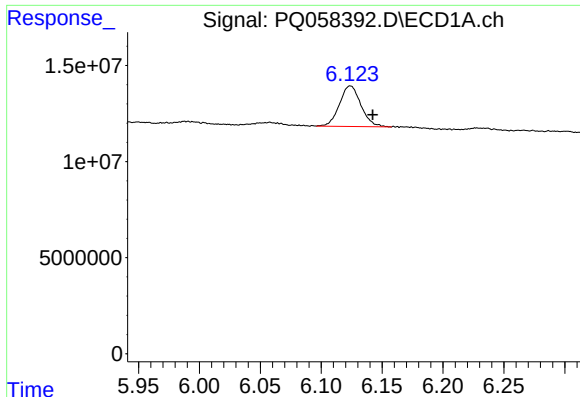
#14 AR-1232-4

R.T.: 6.058 min
Delta R.T.: 0.002 min
Response: 2089629
Conc: 13.93 ng/ml



#14 AR-1232-4

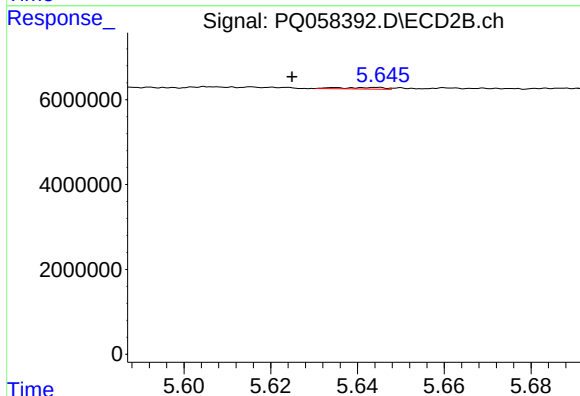
R.T.: 5.437 min
Delta R.T.: -0.013 min
Response: 18777644
Conc: 170.30 ng/ml



#15 AR-1232-5

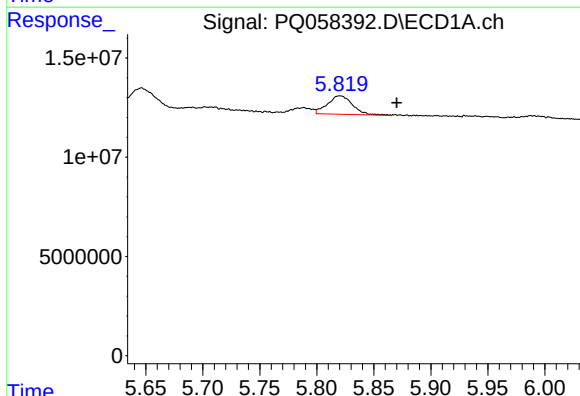
R.T.: 6.124 min
Delta R.T.: -0.018 min
Response: 26063779
Conc: 286.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



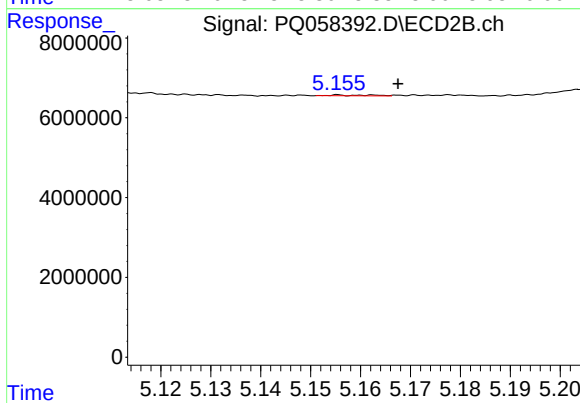
#15 AR-1232-5

R.T.: 5.645 min
Delta R.T.: 0.020 min
Response: 272811
Conc: 2.22 ng/ml



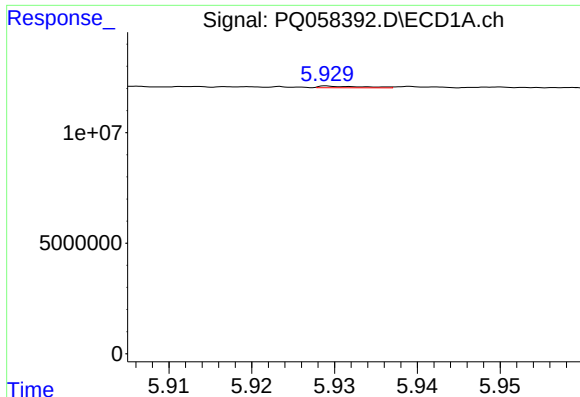
#16 AR-1242-1

R.T.: 5.820 min
Delta R.T.: -0.050 min
Response: 14171387
Conc: 43.04 ng/ml



#16 AR-1242-1

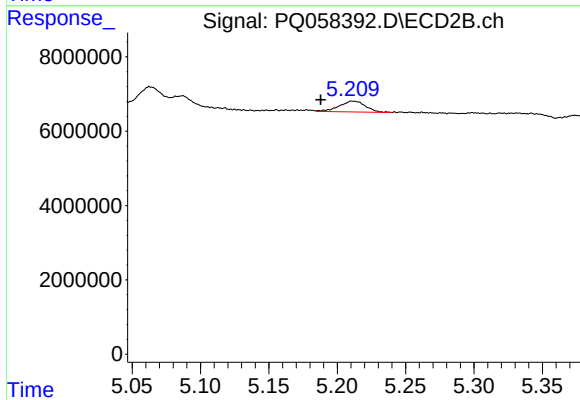
R.T.: 5.156 min
Delta R.T.: -0.012 min
Response: 126090
Conc: 0.37 ng/ml



#17 AR-1242-2

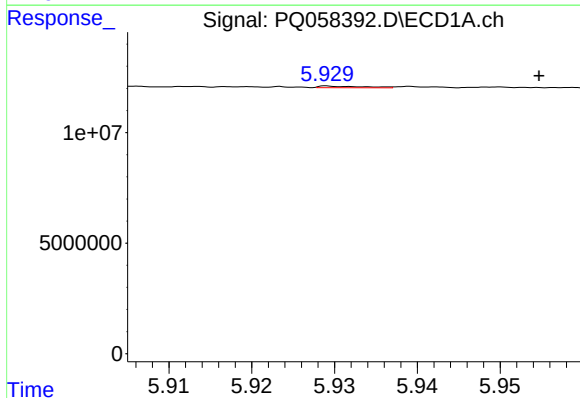
R.T.: 5.930 min
Delta R.T.: 0.037 min
Response: 282158
Conc: 0.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



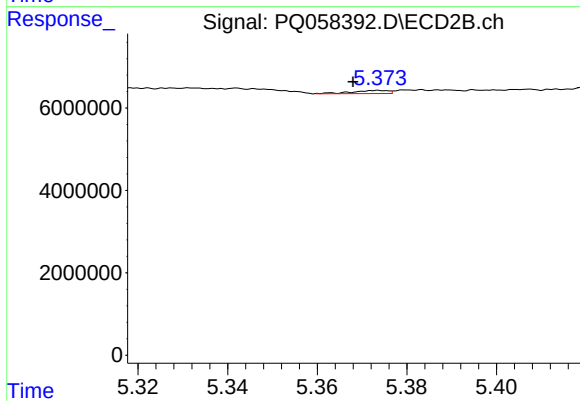
#17 AR-1242-2

R.T.: 5.211 min
Delta R.T.: 0.023 min
Response: 3894425
Conc: 8.04 ng/ml



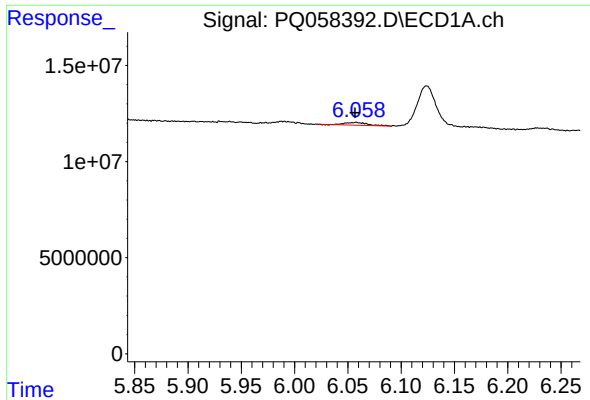
#18 AR-1242-3

R.T.: 5.930 min
Delta R.T.: -0.025 min
Response: 282158
Conc: 0.82 ng/ml



#18 AR-1242-3

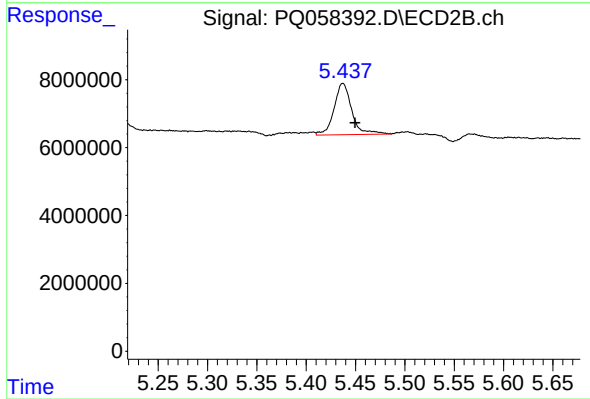
R.T.: 5.374 min
Delta R.T.: 0.006 min
Response: 418854
Conc: 1.71 ng/ml



#19 AR-1242-4

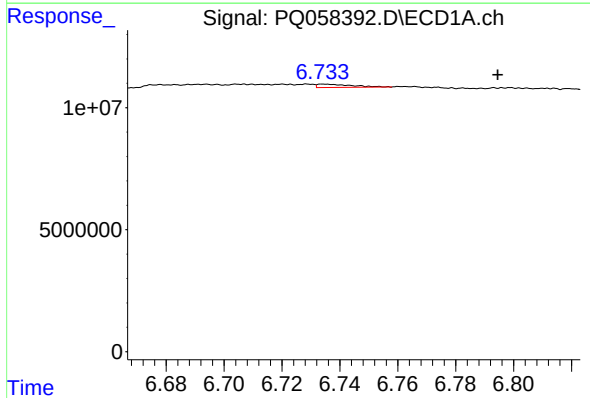
R.T.: 6.058 min
Delta R.T.: 0.001 min
Response: 2089629
Conc: 6.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



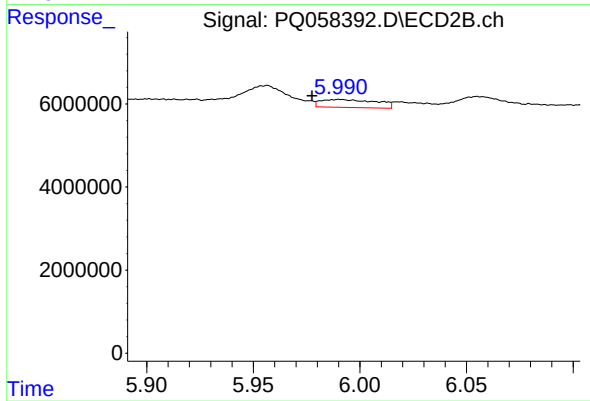
#19 AR-1242-4

R.T.: 5.437 min
Delta R.T.: -0.012 min
Response: 18777644
Conc: 78.21 ng/ml



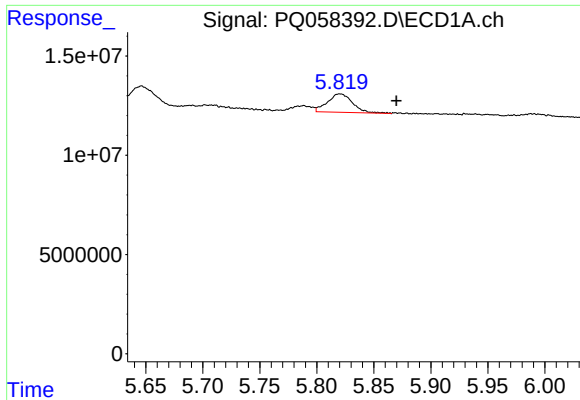
#20 AR-1242-5

R.T.: 6.734 min
Delta R.T.: -0.060 min
Response: 1113337
Conc: 3.86 ng/ml



#20 AR-1242-5

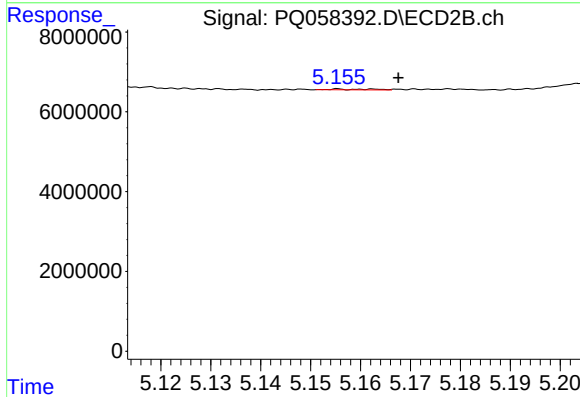
R.T.: 5.990 min
Delta R.T.: 0.013 min
Response: 3495295
Conc: 11.65 ng/ml



#21 AR-1248-1

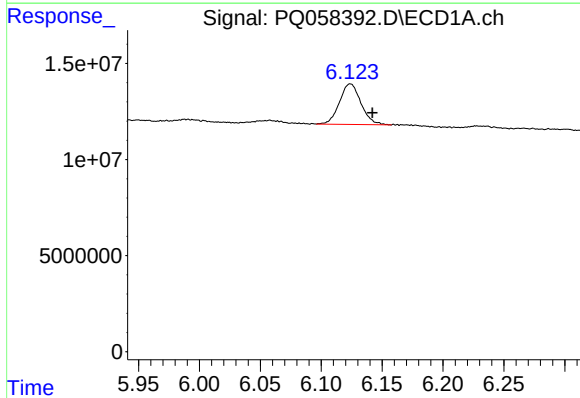
R.T.: 5.820 min
Delta R.T.: -0.050 min
Response: 14171387
Conc: 59.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



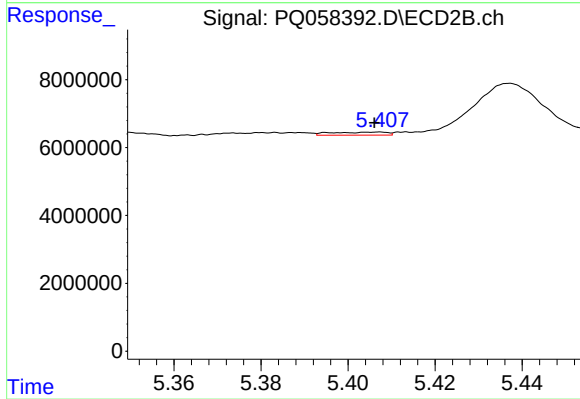
#21 AR-1248-1

R.T.: 5.156 min
Delta R.T.: -0.012 min
Response: 126090
Conc: 0.51 ng/ml



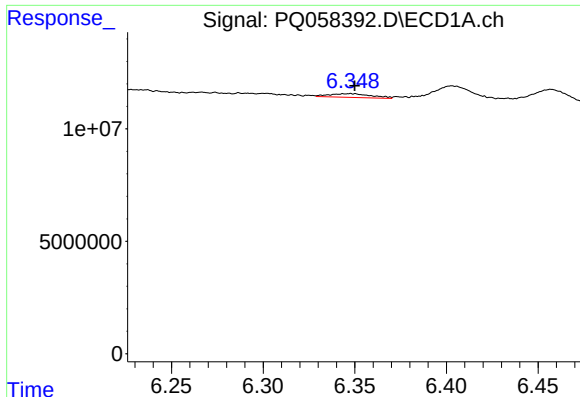
#22 AR-1248-2

R.T.: 6.124 min
Delta R.T.: -0.018 min
Response: 26063779
Conc: 81.20 ng/ml



#22 AR-1248-2

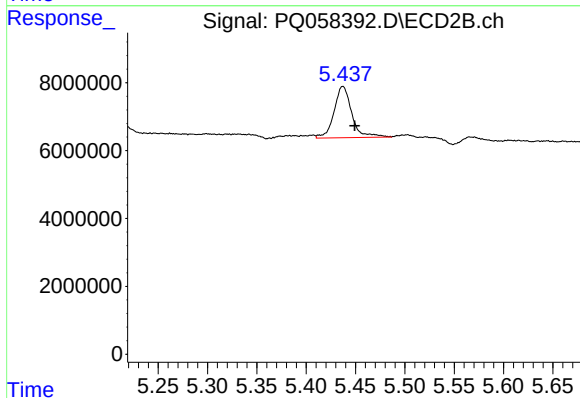
R.T.: 5.407 min
Delta R.T.: 0.001 min
Response: 796513
Conc: 2.37 ng/ml



#23 AR-1248-3

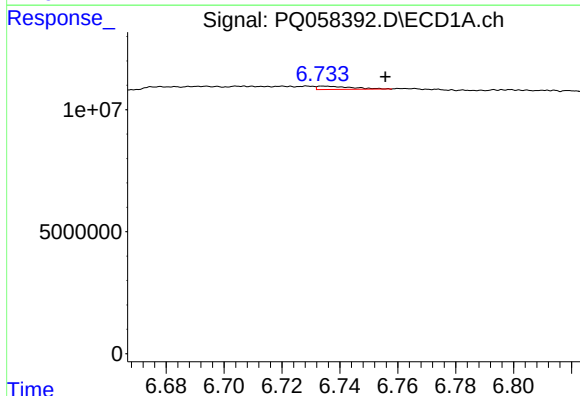
R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 2653121
Conc: 6.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



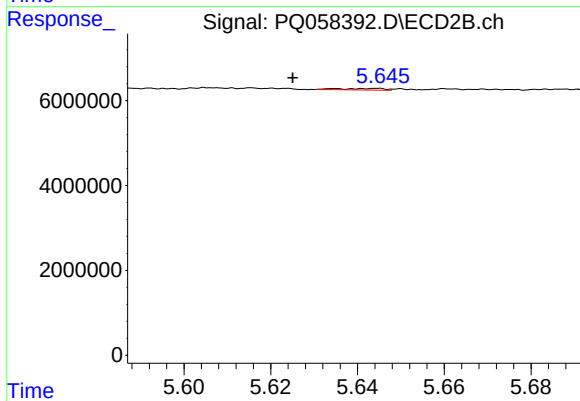
#23 AR-1248-3

R.T.: 5.437 min
Delta R.T.: -0.012 min
Response: 18777644
Conc: 53.60 ng/ml



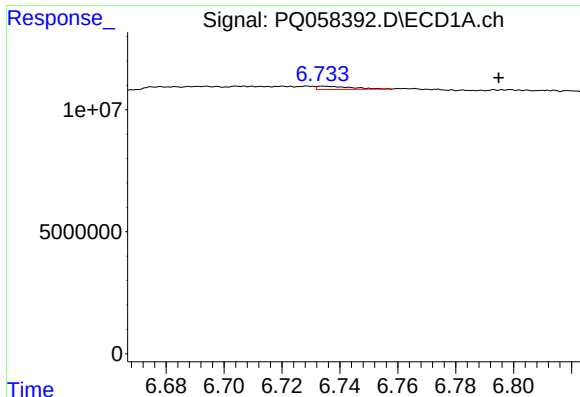
#24 AR-1248-4

R.T.: 6.734 min
Delta R.T.: -0.021 min
Response: 1113337
Conc: 2.44 ng/ml



#24 AR-1248-4

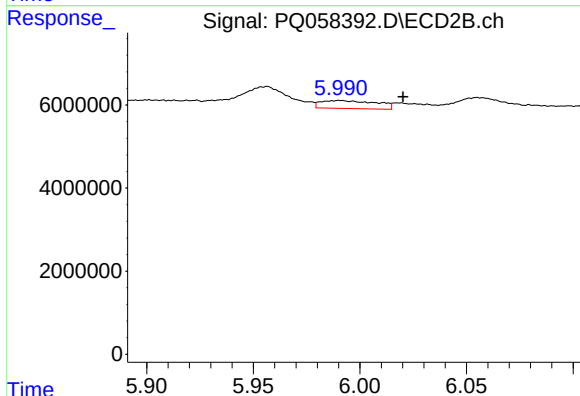
R.T.: 5.645 min
Delta R.T.: 0.020 min
Response: 272811
Conc: 0.65 ng/ml



#25 AR-1248-5

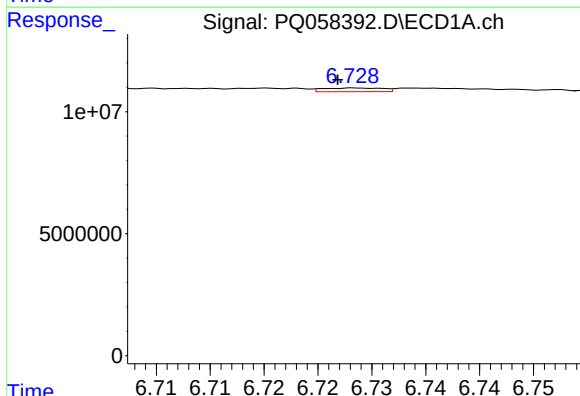
R.T.: 6.734 min
Delta R.T.: -0.061 min
Response: 1113337
Conc: 2.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



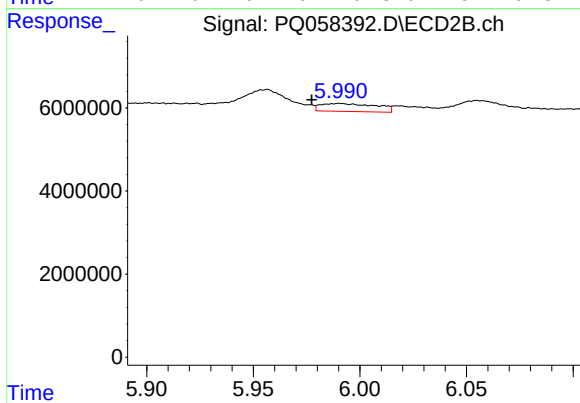
#25 AR-1248-5

R.T.: 5.990 min
Delta R.T.: -0.030 min
Response: 3495295
Conc: 8.39 ng/ml



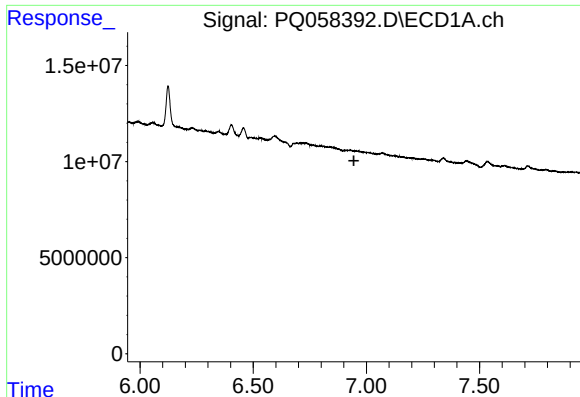
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 574579
Conc: 1.18 ng/ml



#26 AR-1254-1

R.T.: 5.990 min
Delta R.T.: 0.013 min
Response: 3495295
Conc: 5.14 ng/ml



#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :

#27 AR-1254-2

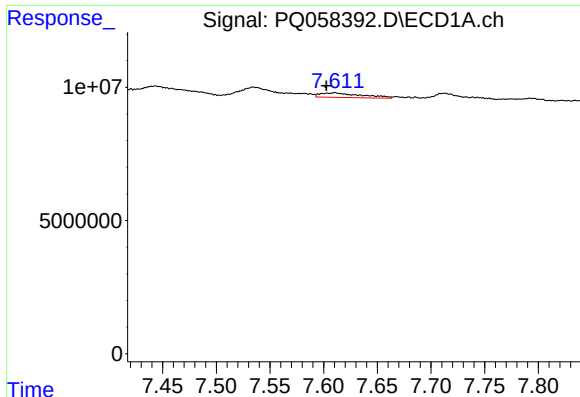
R.T.: 6.129 min
Delta R.T.: 0.006 min
Response: 272030
Conc: 0.46 ng/ml

#28 AR-1254-3

R.T.: 7.340 min
Delta R.T.: 0.023 min
Response: 3367799
Conc: 3.75 ng/ml

#28 AR-1254-3

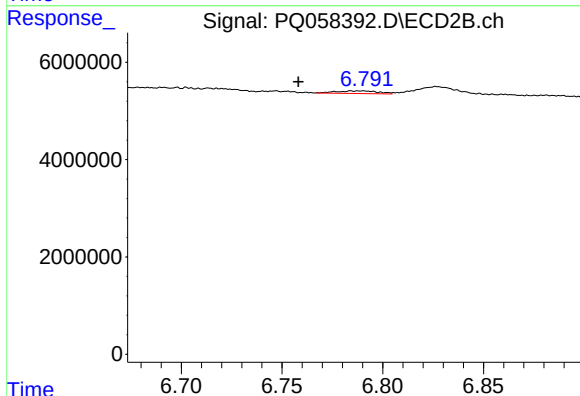
R.T.: 6.527 min
Delta R.T.: -0.005 min
Response: 1042849
Conc: 1.13 ng/ml



#29 AR-1254-4

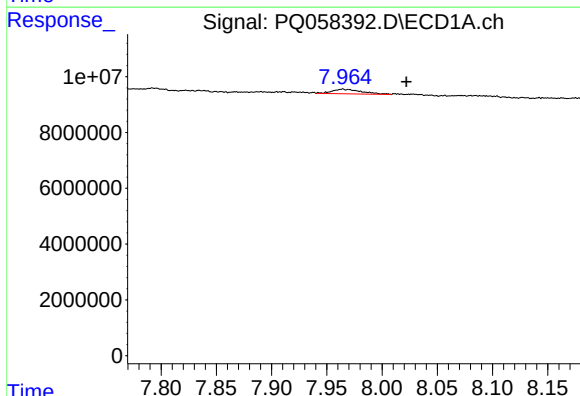
R.T.: 7.610 min
Delta R.T.: 0.008 min
Response: 4435146
Conc: 7.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



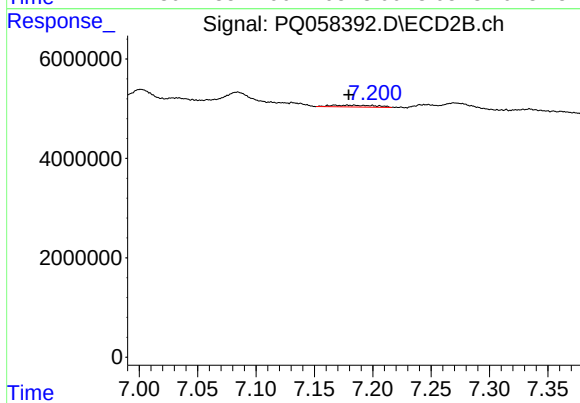
#29 AR-1254-4

R.T.: 6.790 min
Delta R.T.: 0.032 min
Response: 747310
Conc: 1.31 ng/ml



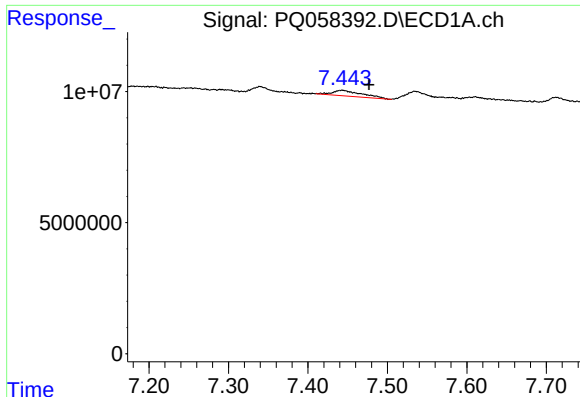
#30 AR-1254-5

R.T.: 7.964 min
Delta R.T.: -0.058 min
Response: 2992526
Conc: 4.42 ng/ml



#30 AR-1254-5

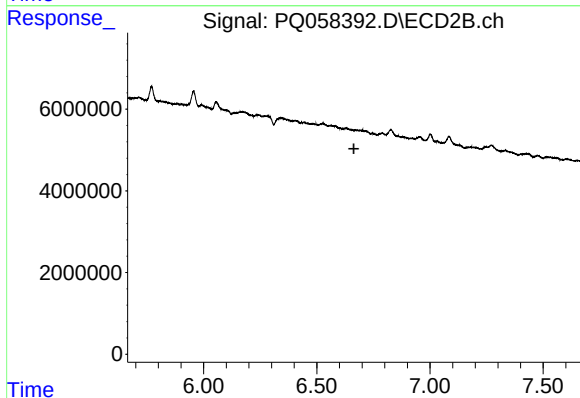
R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 963831
Conc: 1.31 ng/ml



#31 AR-1260-1

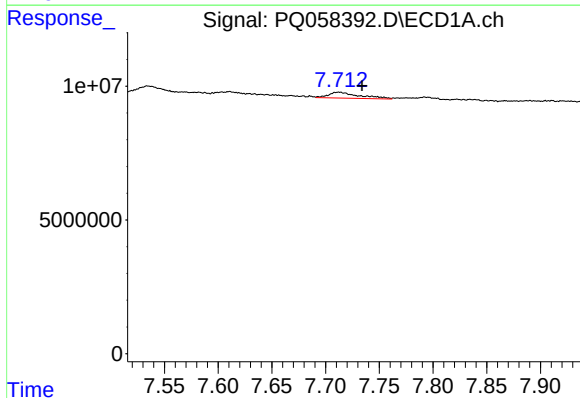
R.T.: 7.443 min
Delta R.T.: -0.034 min
Response: 5497644
Conc: 12.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



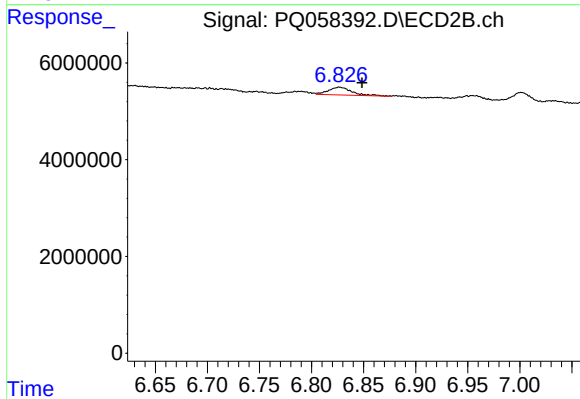
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.664 min
Response: 0
Conc: N.D.



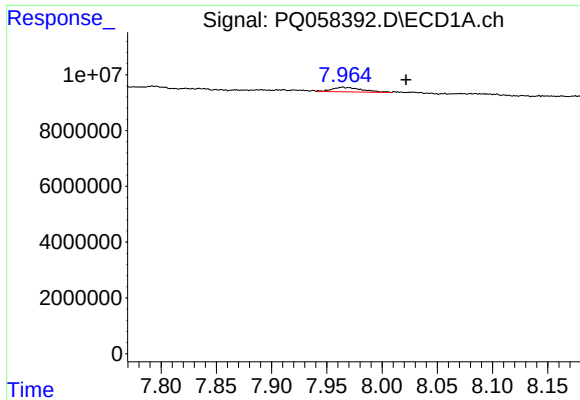
#32 AR-1260-2

R.T.: 7.713 min
Delta R.T.: -0.021 min
Response: 4423557
Conc: 8.16 ng/ml



#32 AR-1260-2

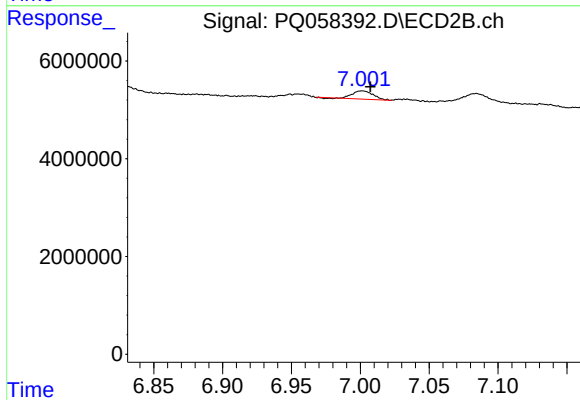
R.T.: 6.827 min
Delta R.T.: -0.022 min
Response: 2504360
Conc: 4.32 ng/ml



#33 AR-1260-3

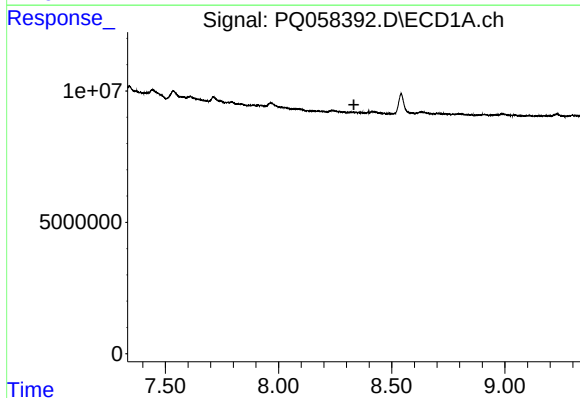
R.T.: 7.964 min
Delta R.T.: -0.058 min
Response: 2992526
Conc: 4.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



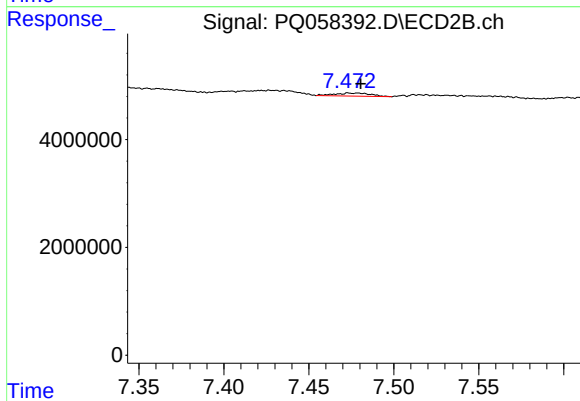
#33 AR-1260-3

R.T.: 7.001 min
Delta R.T.: -0.006 min
Response: 1720379
Conc: 3.19 ng/ml



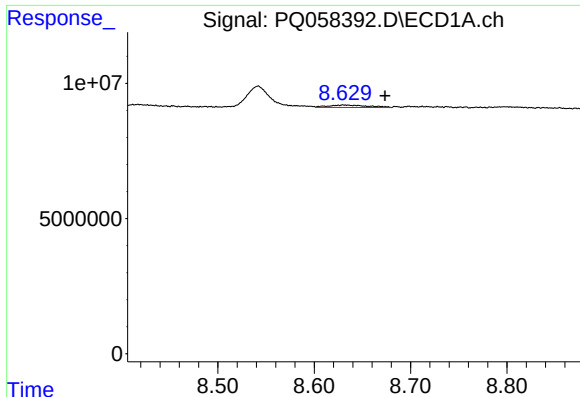
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.333 min
Response: 0
Conc: N.D.



#34 AR-1260-4

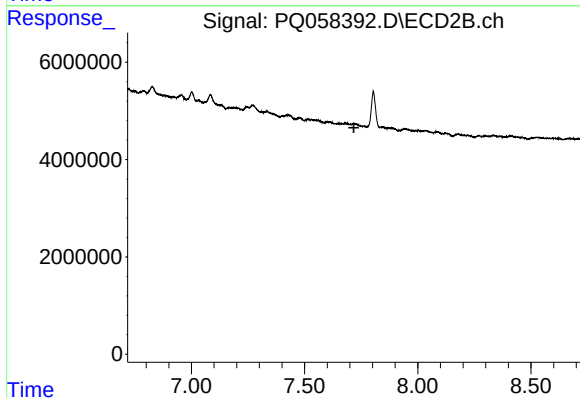
R.T.: 7.479 min
Delta R.T.: -0.002 min
Response: 841314
Conc: 1.91 ng/ml



#35 AR-1260-5

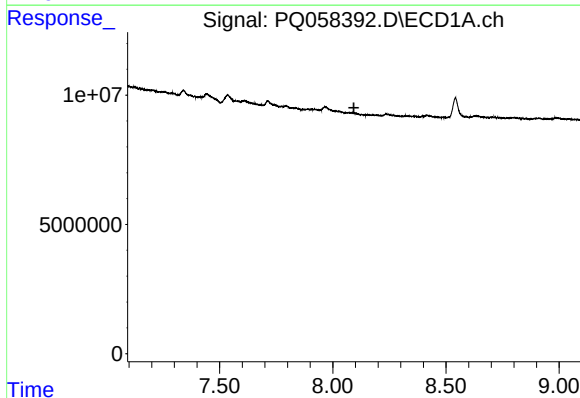
R.T.: 8.630 min
Delta R.T.: -0.043 min
Response: 2518948
Conc: 2.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



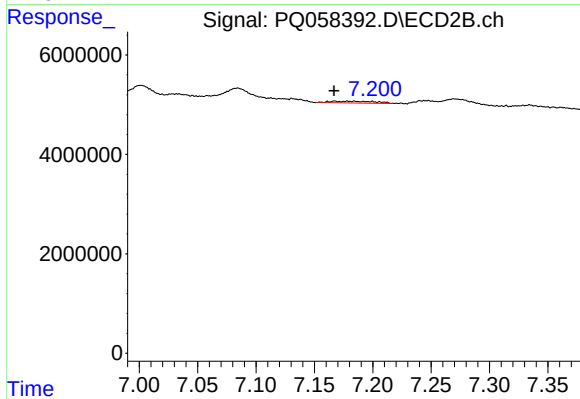
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.718 min
Response: 0
Conc: N.D.



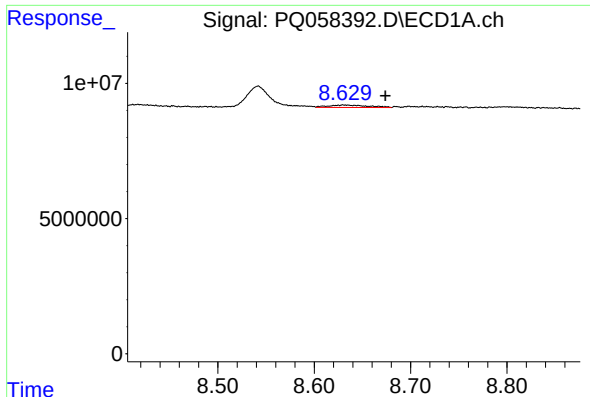
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.093 min
Response: 0
Conc: N.D.



#36 AR-1262-1

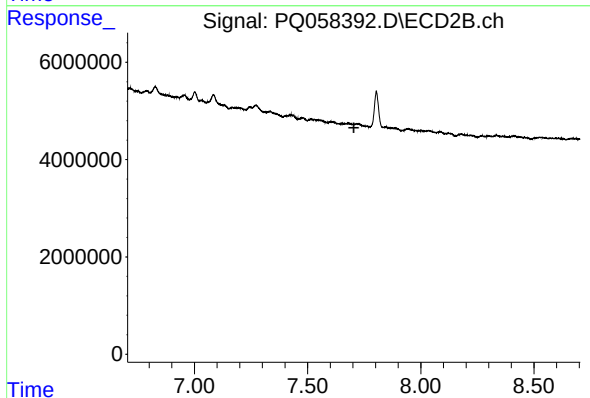
R.T.: 7.178 min
Delta R.T.: 0.011 min
Response: 963831
Conc: 2.99 ng/ml



#37 AR-1262-2

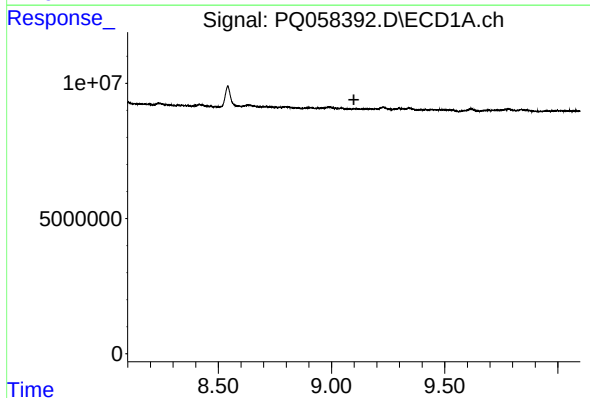
R.T.: 8.630 min
Delta R.T.: -0.043 min
Response: 2518948
Conc: 1.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



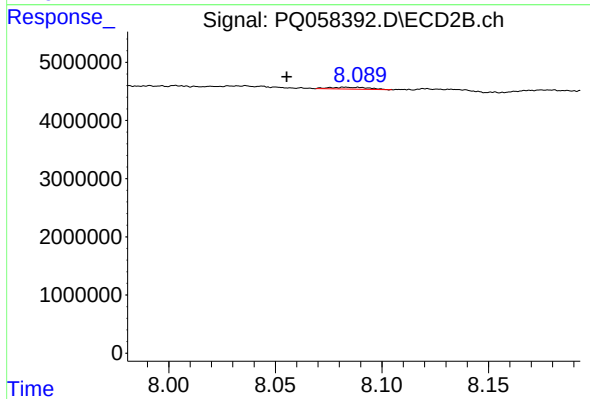
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.704 min
Response: 0
Conc: N.D.



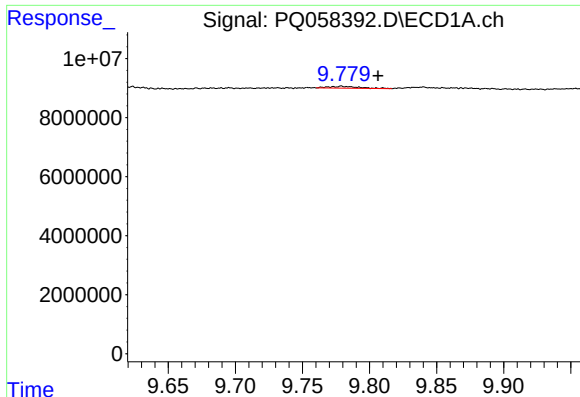
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.099 min
Response: 0
Conc: N.D.



#39 AR-1262-4

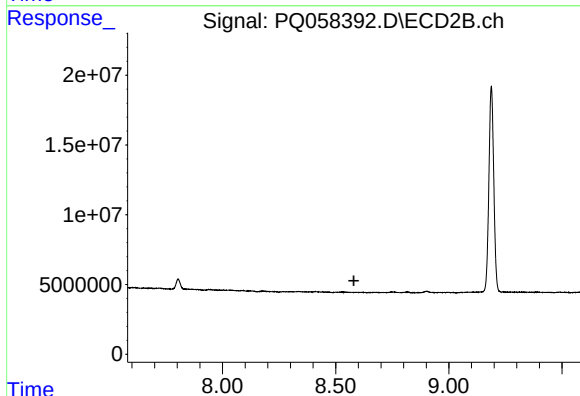
R.T.: 8.083 min
Delta R.T.: 0.028 min
Response: 420541
Conc: 0.50 ng/ml



#40 AR-1262-5

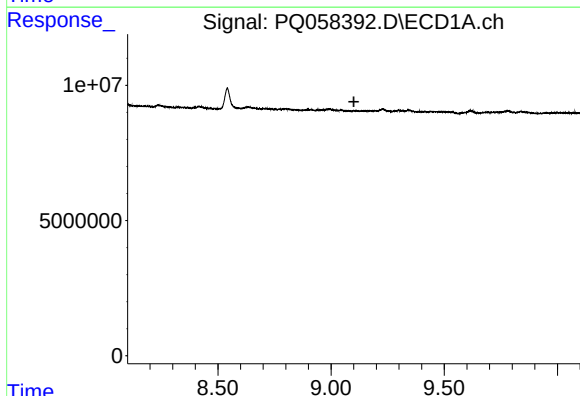
R.T.: 9.779 min
Delta R.T.: -0.027 min
Response: 960025
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



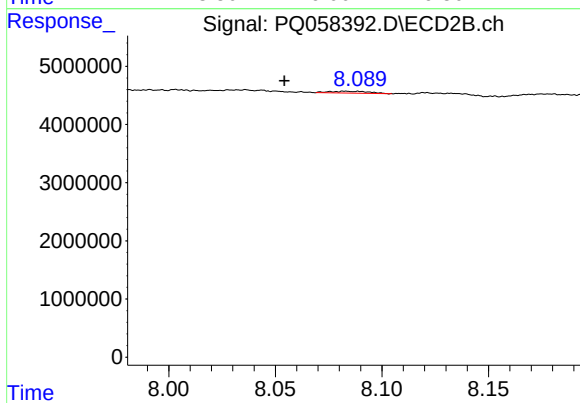
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.581 min
Response: 0
Conc: N.D.



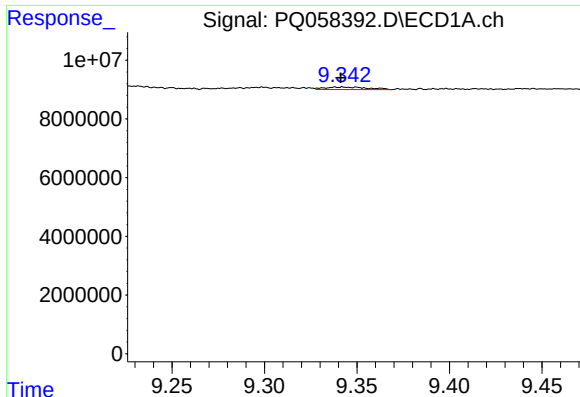
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.101 min
Response: 0
Conc: N.D.



#42 AR-1268-2

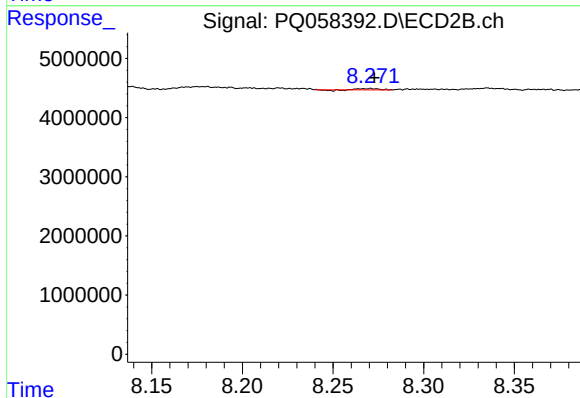
R.T.: 8.083 min
Delta R.T.: 0.029 min
Response: 420541
Conc: 0.28 ng/ml



#43 AR-1268-3

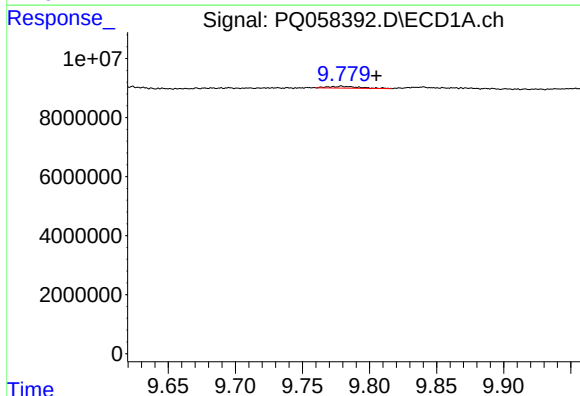
R.T.: 9.342 min
Delta R.T.: 0.001 min
Response: 1399411
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



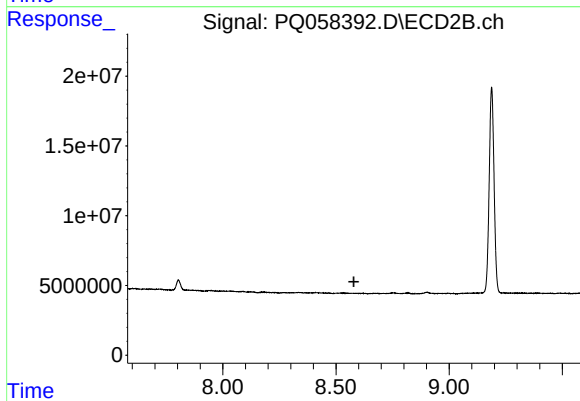
#43 AR-1268-3

R.T.: 8.271 min
Delta R.T.: -0.002 min
Response: 130651
Conc: 0.10 ng/ml



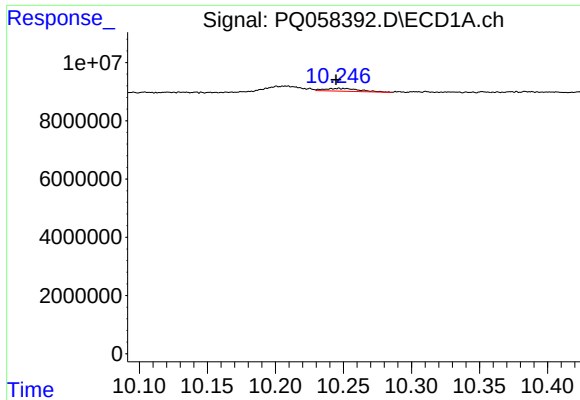
#44 AR-1268-4

R.T.: 9.779 min
Delta R.T.: -0.026 min
Response: 960025
Conc: 1.15 ng/ml



#44 AR-1268-4

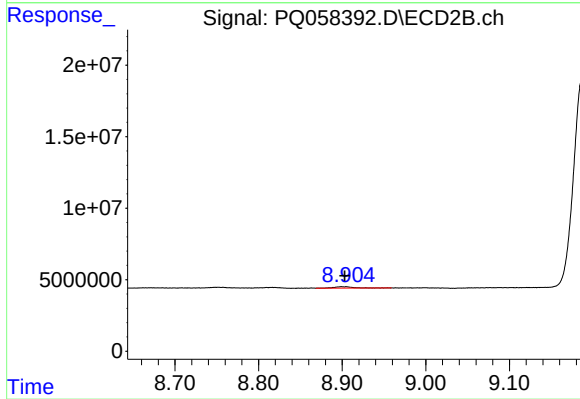
R.T.: 0.000 min
Exp R.T. : 8.579 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.247 min
Delta R.T.: 0.002 min
Response: 1731157
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.899 min
Delta R.T.: -0.003 min
Response: 1468742
Conc: 0.36 ng/ml