

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060450.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 21:04
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:37:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 2023
 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...	3.439	2.798	447.7E6	236.8E6	19.455	21.051
2)	SA Decachlor...	8.573	7.534	280.1E6	230.4E6	20.654	21.468
Target Compounds							
3)	L1 AR-1016-1	4.523	3.792	9559663	4009671	12.025	10.277
4)	L1 AR-1016-2	4.541	3.807	16374861	7618100	13.683	12.914
5)	L1 AR-1016-3	4.599	3.967	12482263	3526470	16.843	11.217 #
6)	L1 AR-1016-4	4.689	4.012	7614428	3348795	12.275	13.661
7)	L1 AR-1016-5	4.969	4.205	17579723	7481689	29.881	23.427
8)	L2 AR-1221-1	3.634	2.997	6395891	2556291	26.699	22.743
9)	L2 AR-1221-2	3.714	3.069	11814927	5163700	67.592	62.030
10)	L2 AR-1221-3	3.783	3.143	16720553	6653109	31.962	25.750
11)	L3 AR-1232-1	3.783	3.143	16720553	6653109	31.845	24.852
12)	L3 AR-1232-2	4.269	3.807	8318111	7618100	31.147	28.367
13)	L3 AR-1232-3	4.541	3.967	16374861	3526470	30.026	25.322
14)	L3 AR-1232-4	4.689	4.047	7614428	5437831	28.184	45.819 #
15)	L3 AR-1232-5	4.783	4.205	8271560	7481689	44.312	54.903
16)	L4 AR-1242-1	4.523	3.792	9559663	4009671	15.481	12.469
17)	L4 AR-1242-2	4.541	3.807	16374861	7618100	17.440	15.901
18)	L4 AR-1242-3	4.599	3.967	12482263	3526470	21.610	13.603 #
19)	L4 AR-1242-4	4.689	4.047	7614428	5437831	15.616	22.719 #
20)	L4 AR-1242-5	5.391	4.536	16166328	5999240	32.415	19.431 #
21)	L5 AR-1248-1	4.523	3.792	9559663	4009671	20.050	16.370
22)	L5 AR-1248-2	4.783	4.012	8271560	3348795	13.299	9.725 #
23)	L5 AR-1248-3	4.969	4.047	17579723	5437831	23.196	15.598 #
24)	L5 AR-1248-4	5.350	4.205	13768180	7481689	16.486	17.678
25)	L5 AR-1248-5	5.391	4.572	16166328	11351241	19.330	26.668 #
26)	L6 AR-1254-1	5.330	4.536	30235644	5999240	36.146	9.265 #
27)	L6 AR-1254-2	5.540	4.675	13305170	3907674	10.399	7.094 #
28)	L6 AR-1254-3	5.882	5.051	7109357	4449289	5.233	5.189
29)	L6 AR-1254-4	6.178	5.278	8248740	1167383	8.317	2.085 #
30)	L6 AR-1254-5	6.587	5.694f	2057038	2998368	1.959	3.699 #
31)	L7 AR-1260-1	6.050	5.192	399796	2184679	0.382	3.557 #
32)	L7 AR-1260-2	6.315	5.394f	1419249	1294791	1.144	1.736 #
33)	L7 AR-1260-3	6.658	5.523	1502759	5800697	1.681	7.981 #
34)	L7 AR-1260-4	6.895	5.959	1221690	2686078	1.240	4.557 #
35)	L7 AR-1260-5	7.201	6.213	617807	1371641	0.318	0.997 #
36)	L8 AR-1262-1	6.658	5.703	1502759	805905	1.307	1.031
37)	L8 AR-1262-2	7.175	6.213f	142356	1371641	0.071	0.967 #
38)	L8 AR-1262-3	0.000	6.445f	0	25988590	N.D.	45.778 #
39)	L8 AR-1262-4	7.517f	6.560f	4096995	763984	4.007	0.715 #
40)	L8 AR-1262-5	8.062f	7.011f	928913	627055	1.428	1.211
41)	L9 AR-1268-1	7.491f	0.000	1455911	0	0.637	N.D. #

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 Acq On : 24 Feb 2023 21:04
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 28 Sample Multiplier: 1

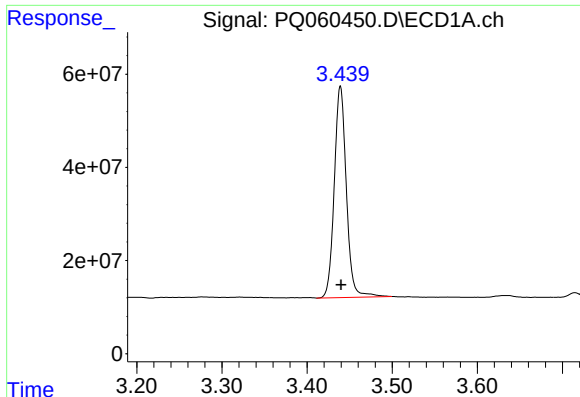
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:37:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.564f	6.560f	2573220	763984	1.212	0.491 #
43) L9	AR-1268-3	7.732	6.756	1043223	2993854	0.600	2.200 #
44) L9	AR-1268-4	8.062f	7.051	928913	661283	1.250	1.121
45) L9	AR-1268-5	8.344	7.318	1662885	11664146	0.323	2.735 #

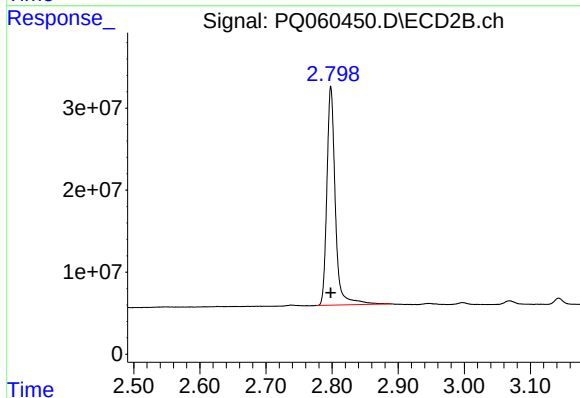
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

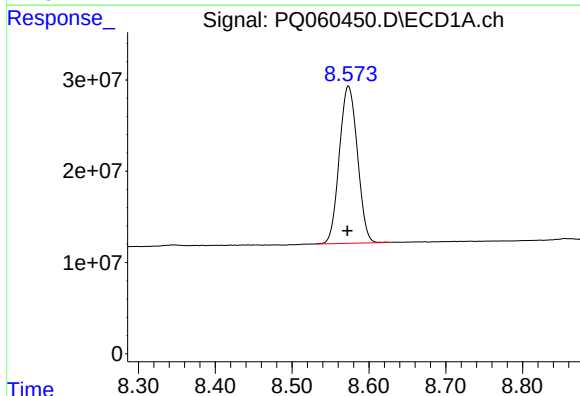
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 447668060
Conc: 19.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



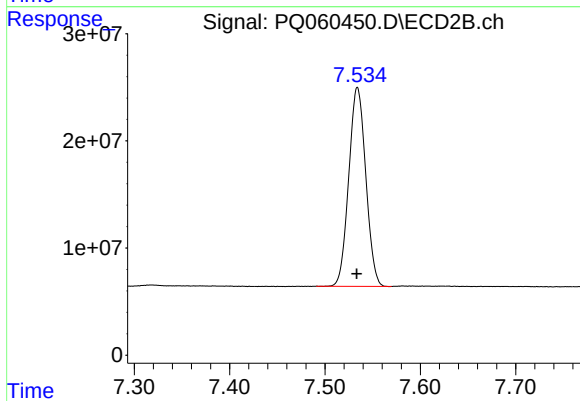
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 236821324
Conc: 21.05 ng/ml



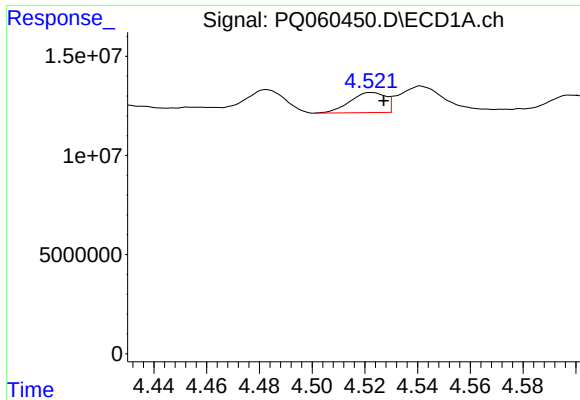
#2 Decachlorobiphenyl

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 280057622
Conc: 20.65 ng/ml



#2 Decachlorobiphenyl

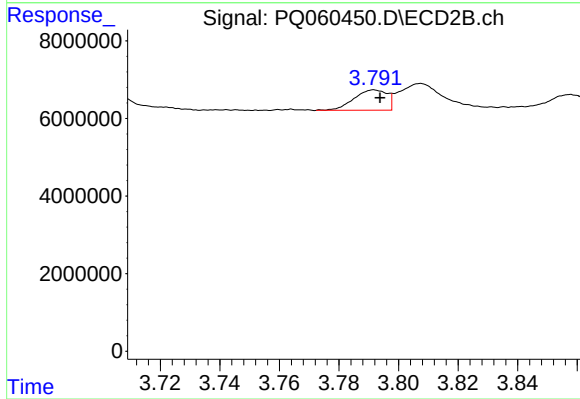
R.T.: 7.534 min
Delta R.T.: 0.001 min
Response: 230405081
Conc: 21.47 ng/ml



#3 AR-1016-1

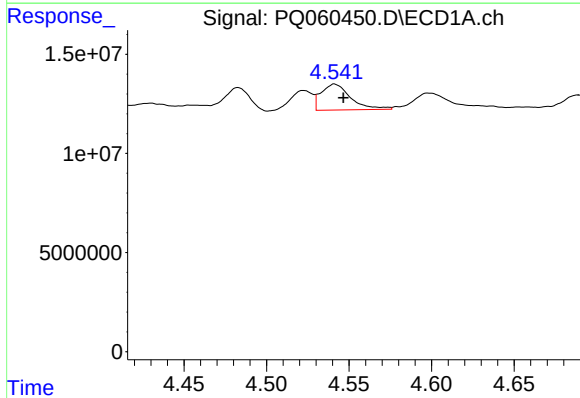
R.T.: 4.523 min
Delta R.T.: -0.005 min
Response: 9559663
Conc: 12.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



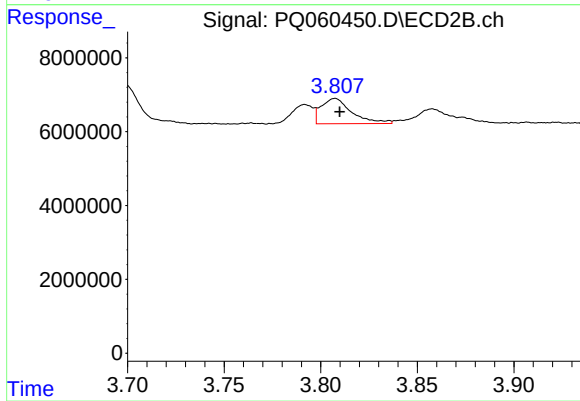
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 4009671
Conc: 10.28 ng/ml



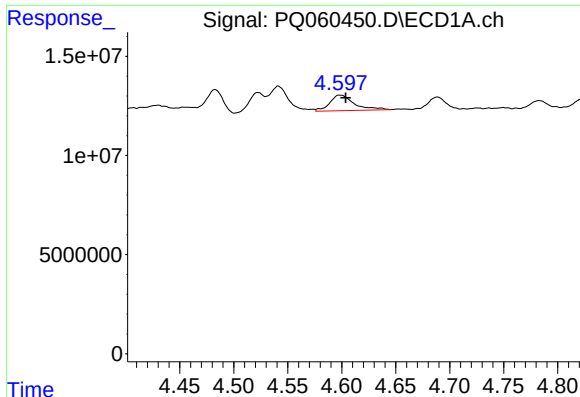
#4 AR-1016-2

R.T.: 4.541 min
Delta R.T.: -0.005 min
Response: 16374861
Conc: 13.68 ng/ml



#4 AR-1016-2

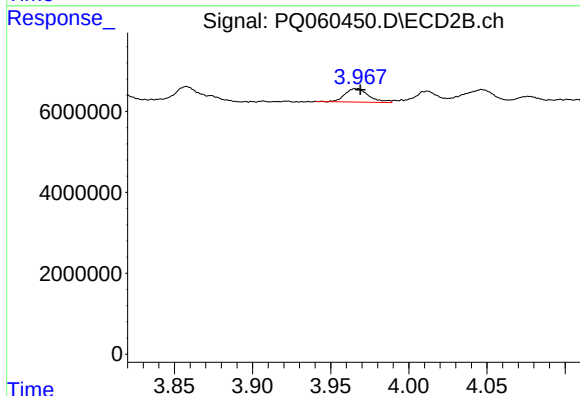
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 7618100
Conc: 12.91 ng/ml



#5 AR-1016-3

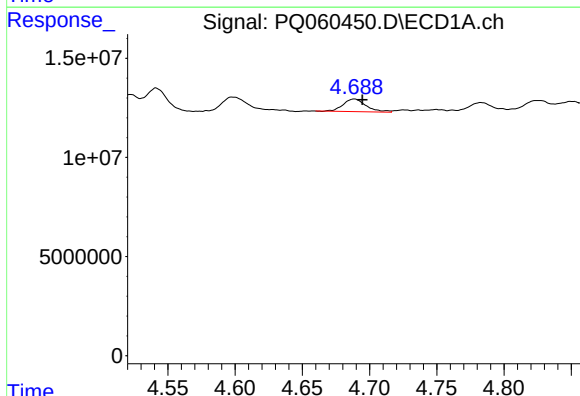
R.T.: 4.599 min
Delta R.T.: -0.005 min
Response: 12482263
Conc: 16.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



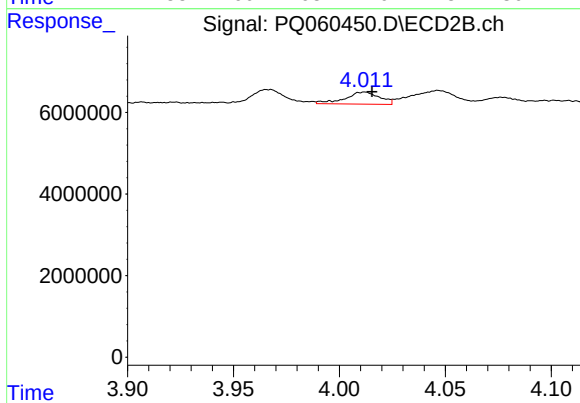
#5 AR-1016-3

R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 3526470
Conc: 11.22 ng/ml



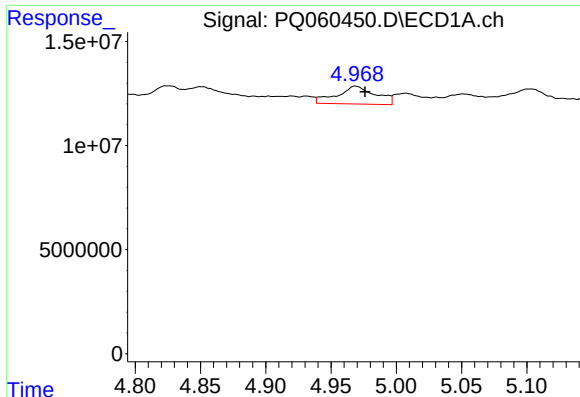
#6 AR-1016-4

R.T.: 4.689 min
Delta R.T.: -0.006 min
Response: 7614428
Conc: 12.28 ng/ml



#6 AR-1016-4

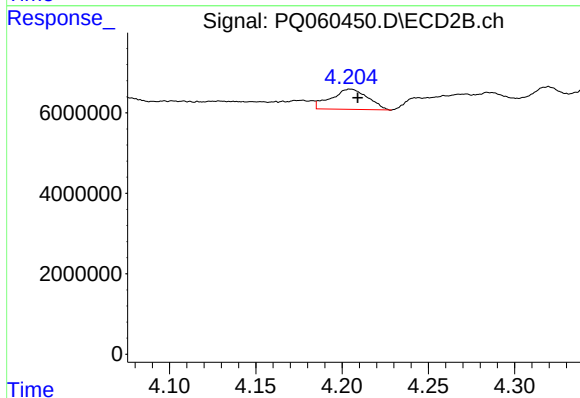
R.T.: 4.012 min
Delta R.T.: -0.004 min
Response: 3348795
Conc: 13.66 ng/ml



#7 AR-1016-5

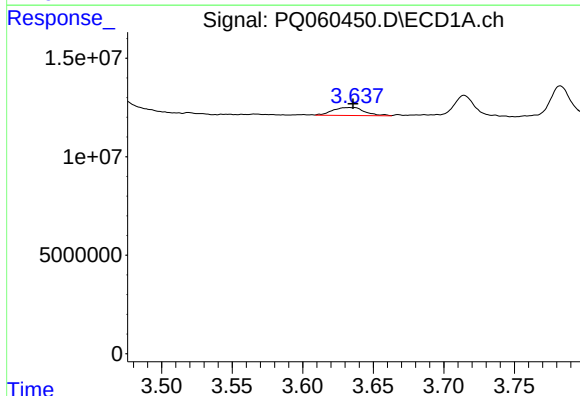
R.T.: 4.969 min
Delta R.T.: -0.007 min
Response: 17579723
Conc: 29.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



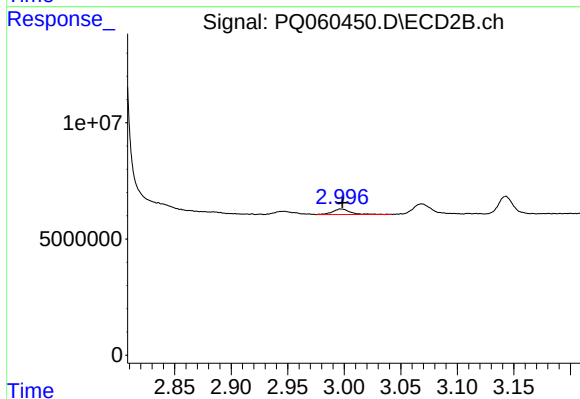
#7 AR-1016-5

R.T.: 4.205 min
Delta R.T.: -0.004 min
Response: 7481689
Conc: 23.43 ng/ml



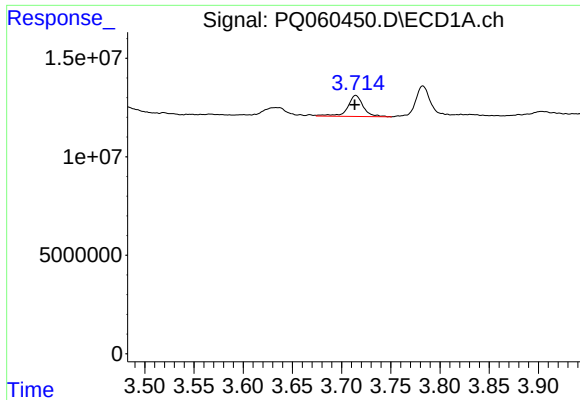
#8 AR-1221-1

R.T.: 3.634 min
Delta R.T.: -0.002 min
Response: 6395891
Conc: 26.70 ng/ml



#8 AR-1221-1

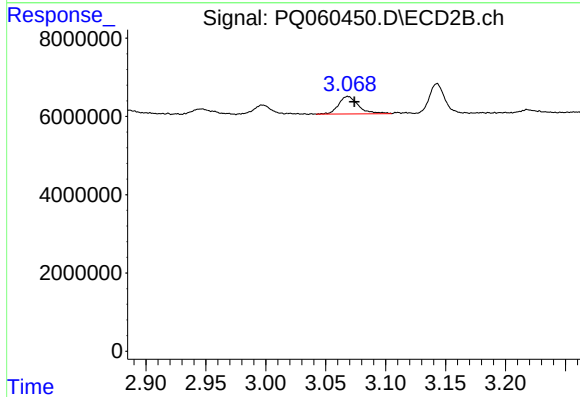
R.T.: 2.997 min
Delta R.T.: 0.000 min
Response: 2556291
Conc: 22.74 ng/ml



#9 AR-1221-2

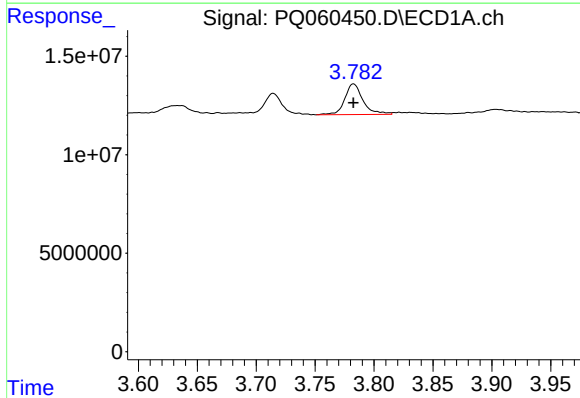
R.T.: 3.714 min
Delta R.T.: 0.000 min
Response: 11814927
Conc: 67.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



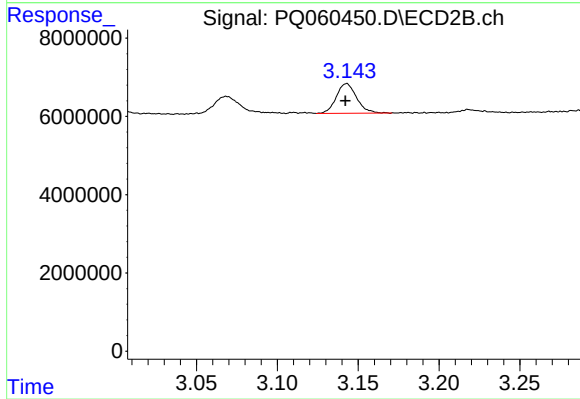
#9 AR-1221-2

R.T.: 3.069 min
Delta R.T.: -0.006 min
Response: 5163700
Conc: 62.03 ng/ml



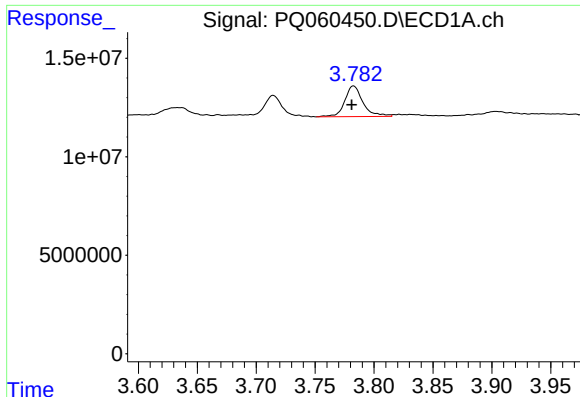
#10 AR-1221-3

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 16720553
Conc: 31.96 ng/ml



#10 AR-1221-3

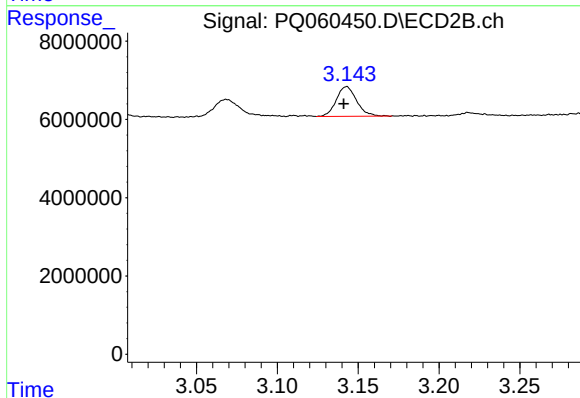
R.T.: 3.143 min
Delta R.T.: 0.000 min
Response: 6653109
Conc: 25.75 ng/ml



#11 AR-1232-1

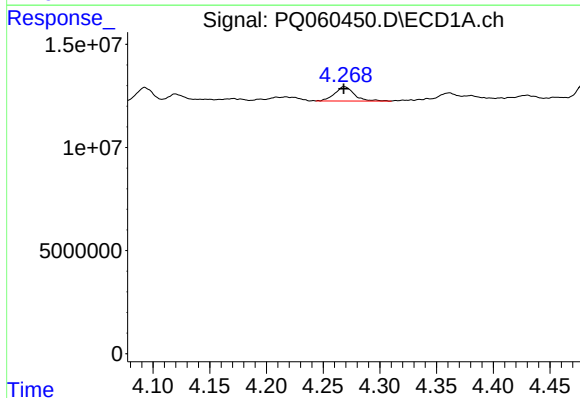
R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 16720553
Conc: 31.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



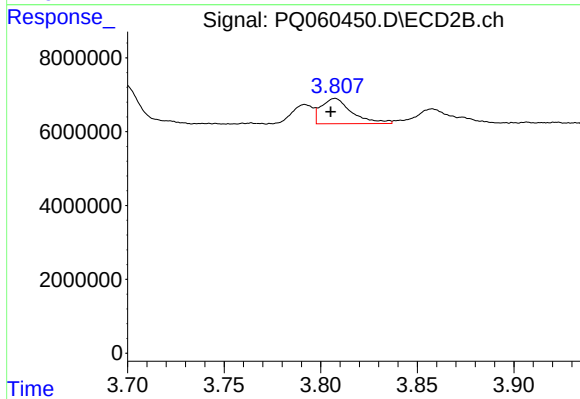
#11 AR-1232-1

R.T.: 3.143 min
Delta R.T.: 0.002 min
Response: 6653109
Conc: 24.85 ng/ml



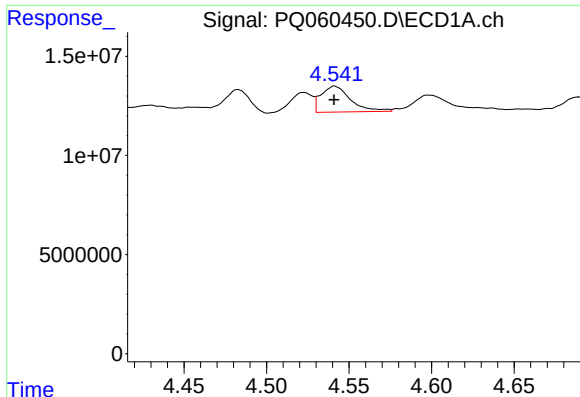
#12 AR-1232-2

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 8318111
Conc: 31.15 ng/ml



#12 AR-1232-2

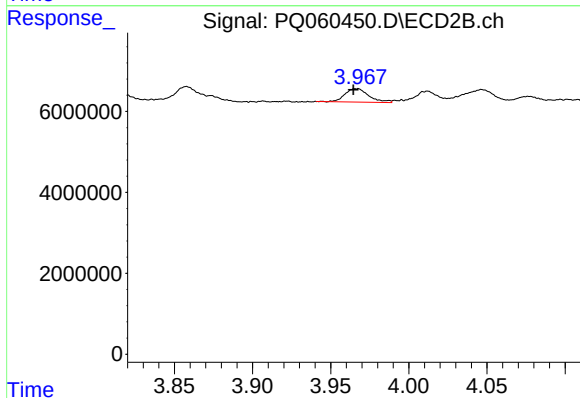
R.T.: 3.807 min
Delta R.T.: 0.002 min
Response: 7618100
Conc: 28.37 ng/ml



#13 AR-1232-3

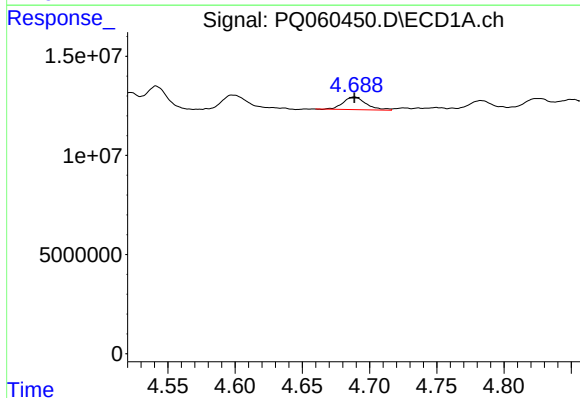
R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 16374861
Conc: 30.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



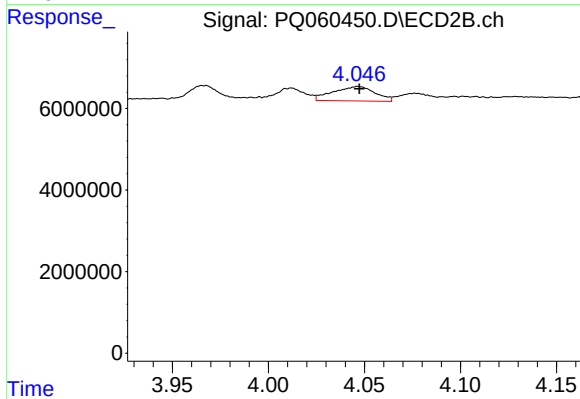
#13 AR-1232-3

R.T.: 3.967 min
Delta R.T.: 0.002 min
Response: 3526470
Conc: 25.32 ng/ml



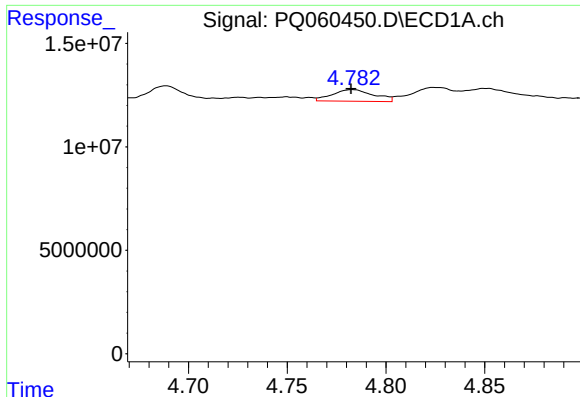
#14 AR-1232-4

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 7614428
Conc: 28.18 ng/ml



#14 AR-1232-4

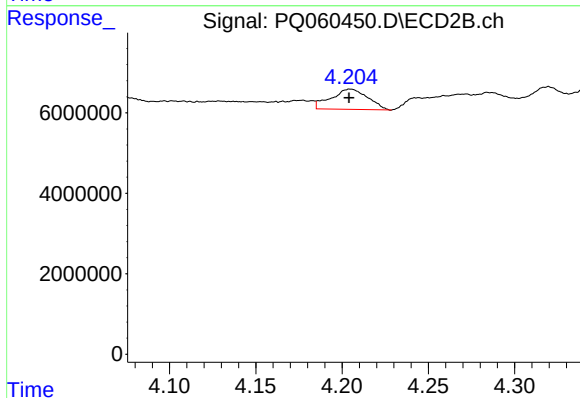
R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 5437831
Conc: 45.82 ng/ml



#15 AR-1232-5

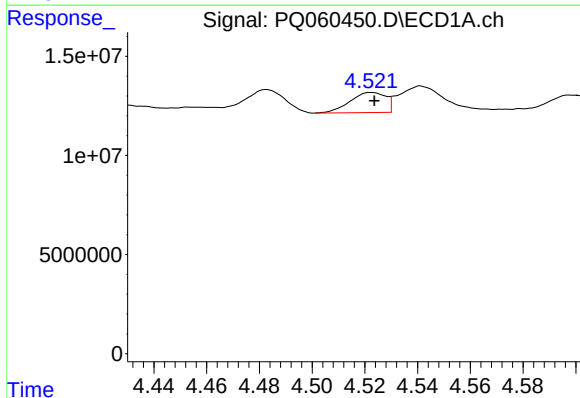
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 8271560
Conc: 44.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



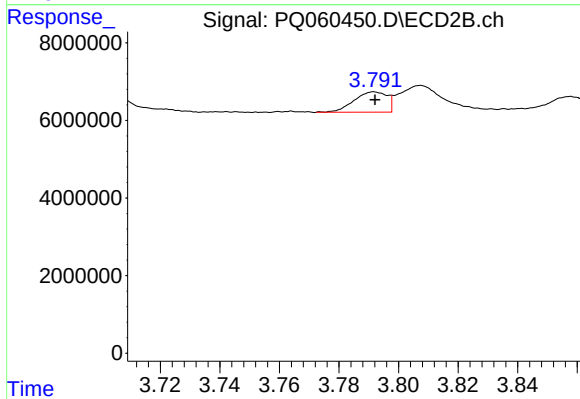
#15 AR-1232-5

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 7481689
Conc: 54.90 ng/ml



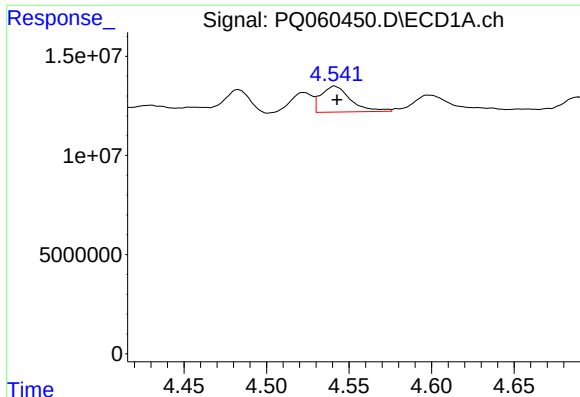
#16 AR-1242-1

R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 9559663
Conc: 15.48 ng/ml



#16 AR-1242-1

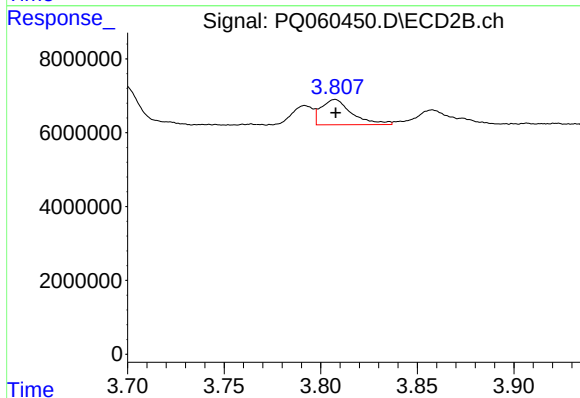
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 4009671
Conc: 12.47 ng/ml



#17 AR-1242-2

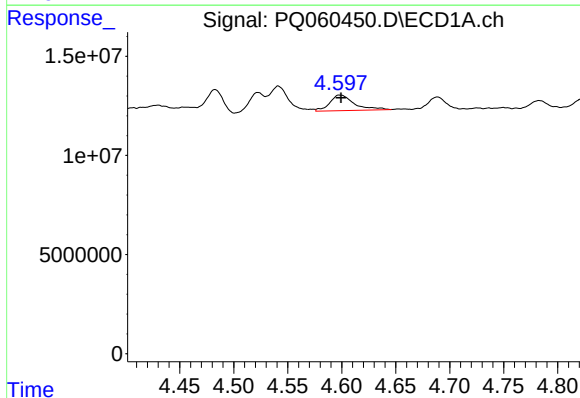
R.T.: 4.541 min
Delta R.T.: -0.001 min
Response: 16374861
Conc: 17.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



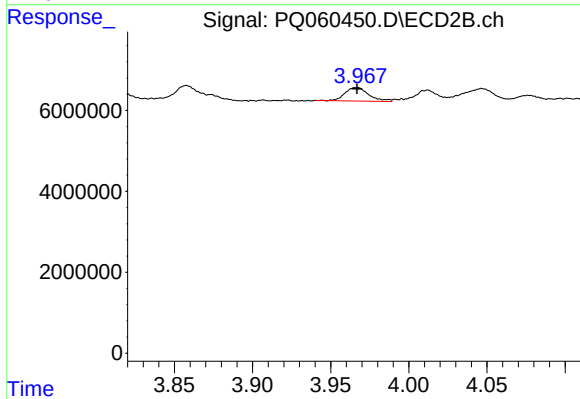
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 7618100
Conc: 15.90 ng/ml



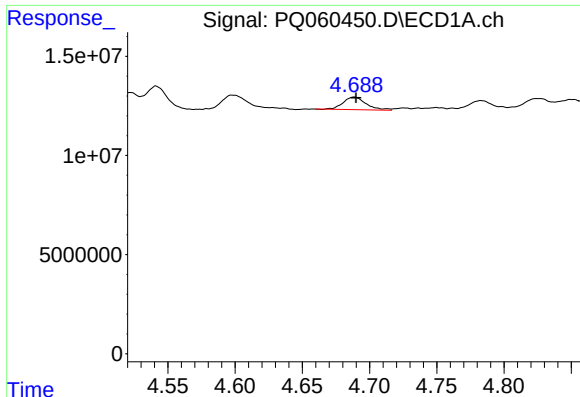
#18 AR-1242-3

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 12482263
Conc: 21.61 ng/ml



#18 AR-1242-3

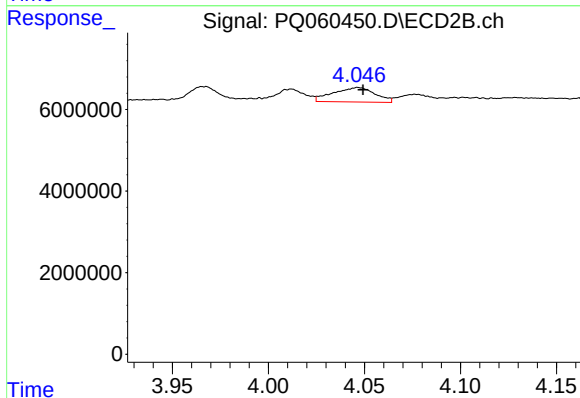
R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 3526470
Conc: 13.60 ng/ml



#19 AR-1242-4

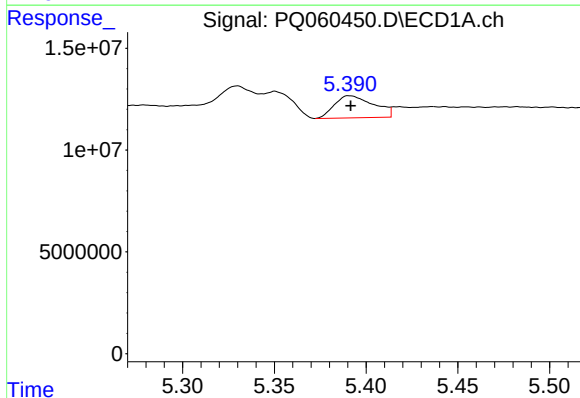
R.T.: 4.689 min
Delta R.T.: -0.001 min
Response: 7614428
Conc: 15.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



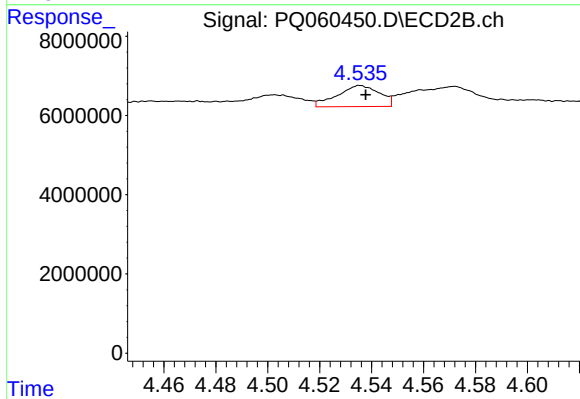
#19 AR-1242-4

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 5437831
Conc: 22.72 ng/ml



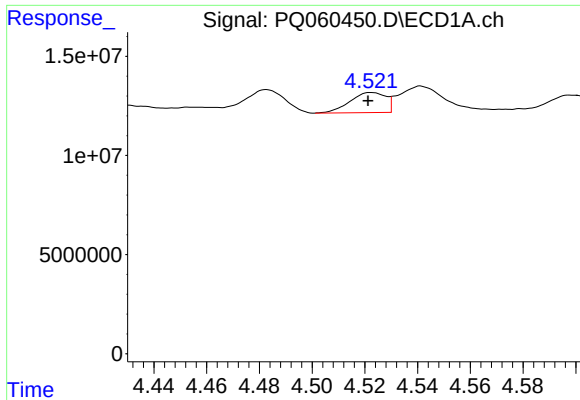
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 16166328
Conc: 32.42 ng/ml



#20 AR-1242-5

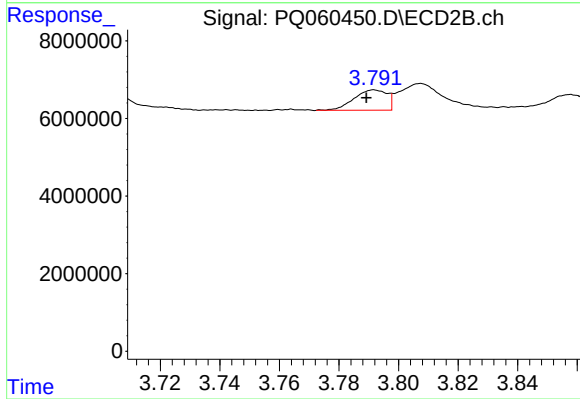
R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 5999240
Conc: 19.43 ng/ml



#21 AR-1248-1

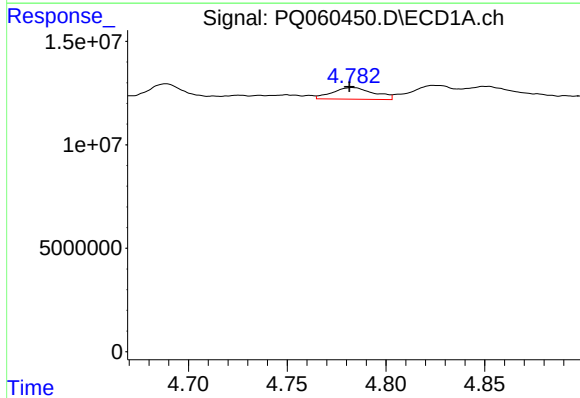
R.T.: 4.523 min
Delta R.T.: 0.001 min
Response: 9559663
Conc: 20.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



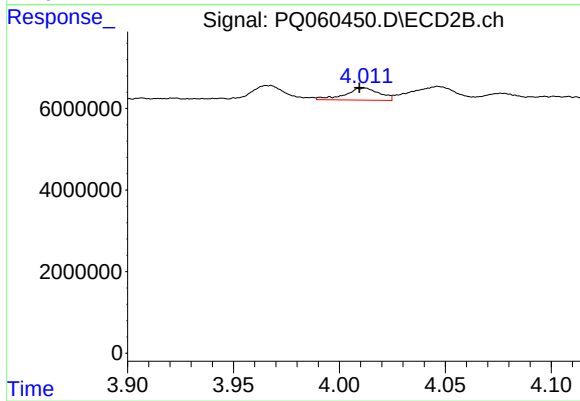
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: 0.003 min
Response: 4009671
Conc: 16.37 ng/ml



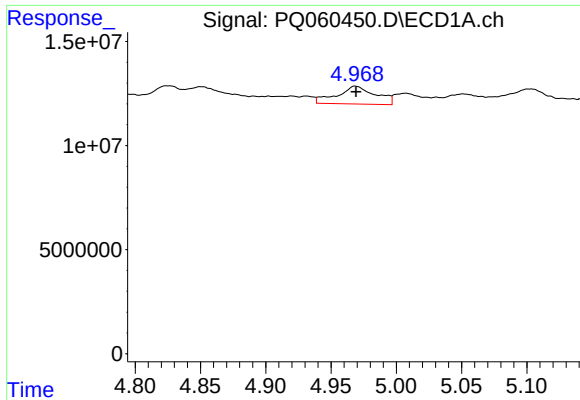
#22 AR-1248-2

R.T.: 4.783 min
Delta R.T.: 0.002 min
Response: 8271560
Conc: 13.30 ng/ml



#22 AR-1248-2

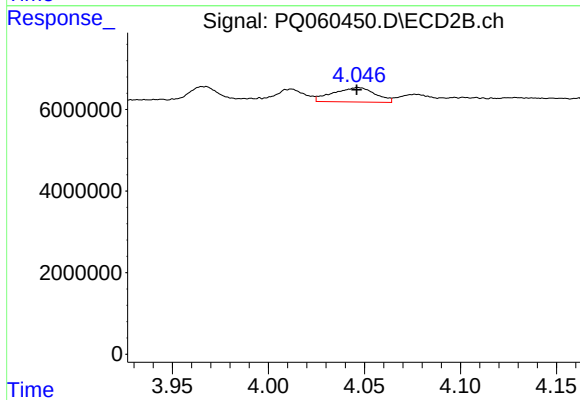
R.T.: 4.012 min
Delta R.T.: 0.002 min
Response: 3348795
Conc: 9.72 ng/ml



#23 AR-1248-3

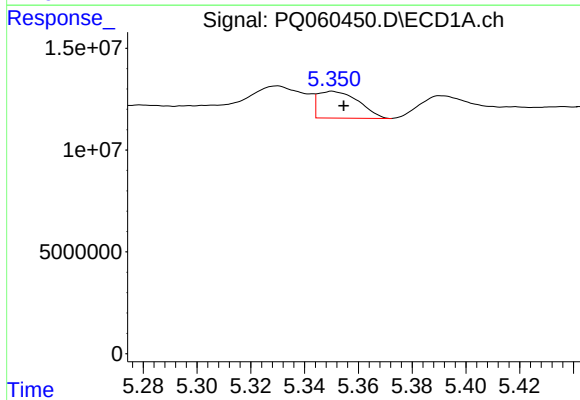
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 17579723
Conc: 23.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



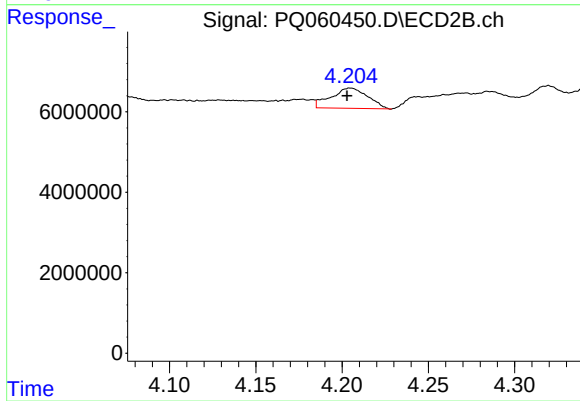
#23 AR-1248-3

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 5437831
Conc: 15.60 ng/ml



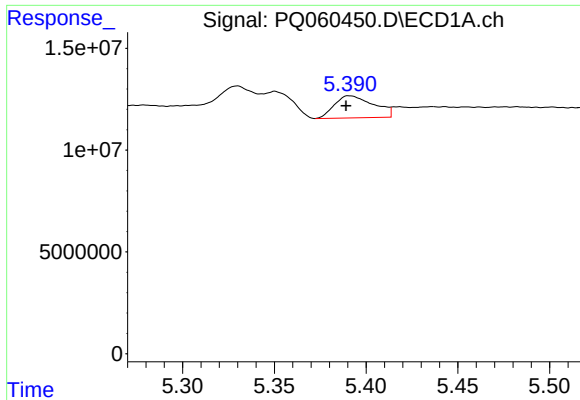
#24 AR-1248-4

R.T.: 5.350 min
Delta R.T.: -0.004 min
Response: 13768180
Conc: 16.49 ng/ml



#24 AR-1248-4

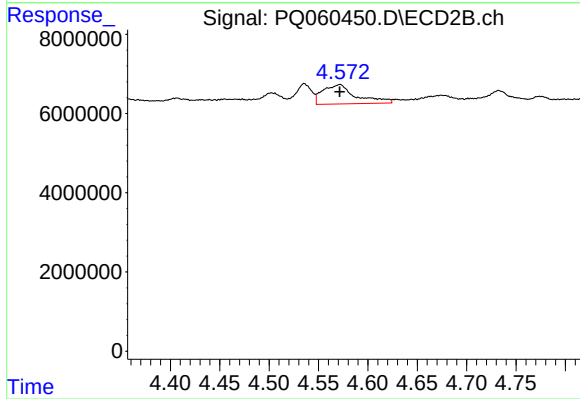
R.T.: 4.205 min
Delta R.T.: 0.002 min
Response: 7481689
Conc: 17.68 ng/ml



#25 AR-1248-5

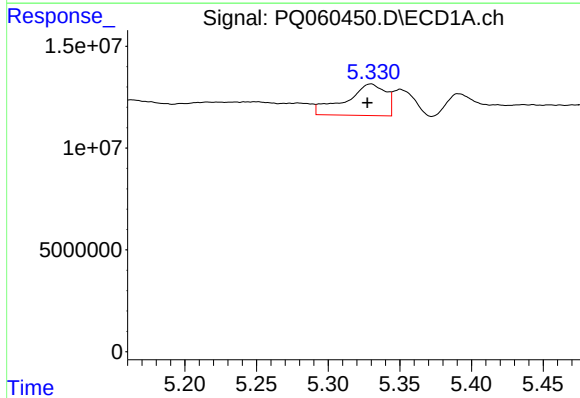
R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 16166328
Conc: 19.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



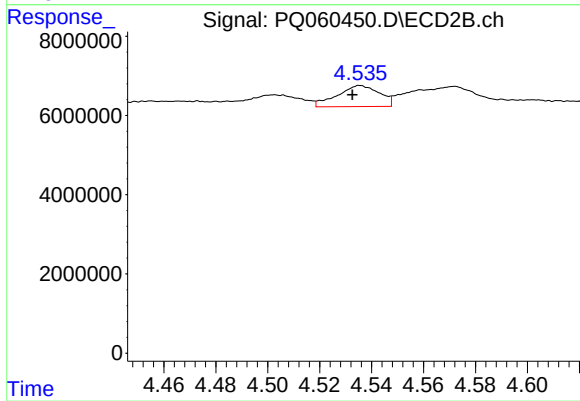
#25 AR-1248-5

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 11351241
Conc: 26.67 ng/ml



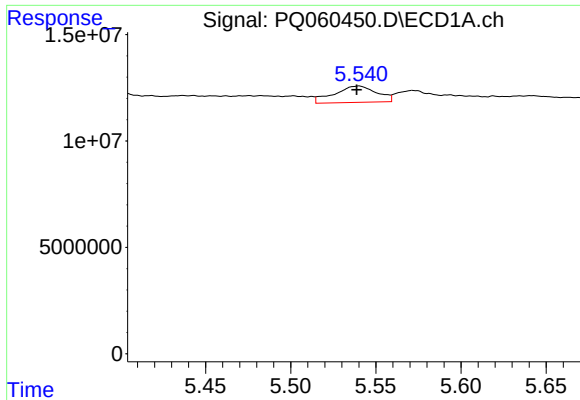
#26 AR-1254-1

R.T.: 5.330 min
Delta R.T.: 0.002 min
Response: 30235644
Conc: 36.15 ng/ml



#26 AR-1254-1

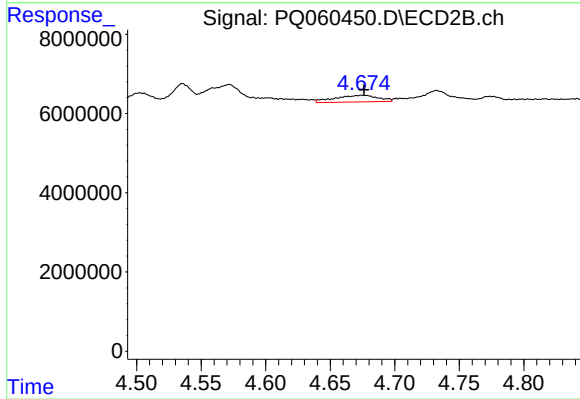
R.T.: 4.536 min
Delta R.T.: 0.003 min
Response: 5999240
Conc: 9.27 ng/ml



#27 AR-1254-2

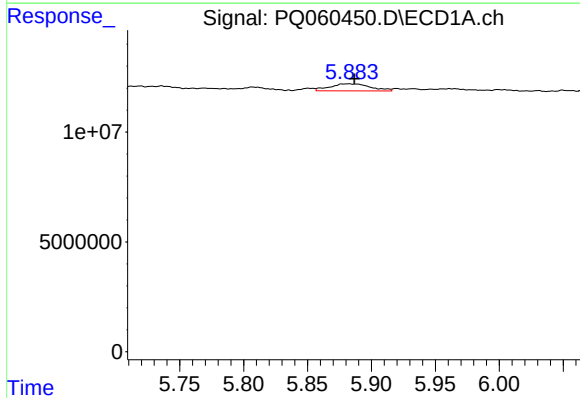
R.T.: 5.540 min
Delta R.T.: 0.001 min
Response: 13305170
Conc: 10.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



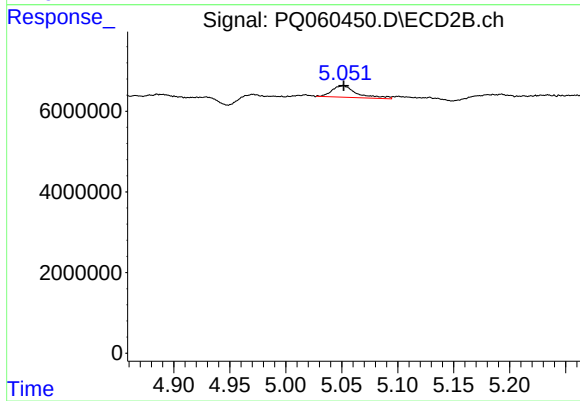
#27 AR-1254-2

R.T.: 4.675 min
Delta R.T.: -0.002 min
Response: 3907674
Conc: 7.09 ng/ml



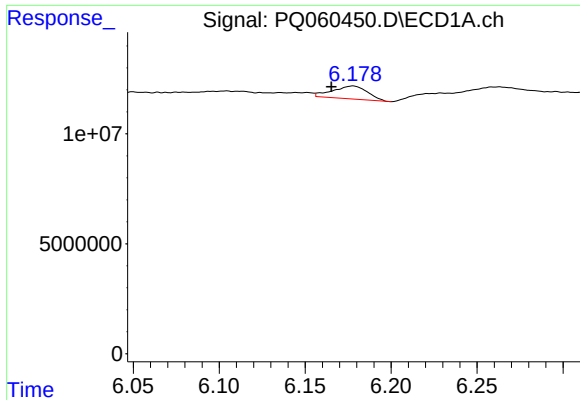
#28 AR-1254-3

R.T.: 5.882 min
Delta R.T.: -0.005 min
Response: 7109357
Conc: 5.23 ng/ml



#28 AR-1254-3

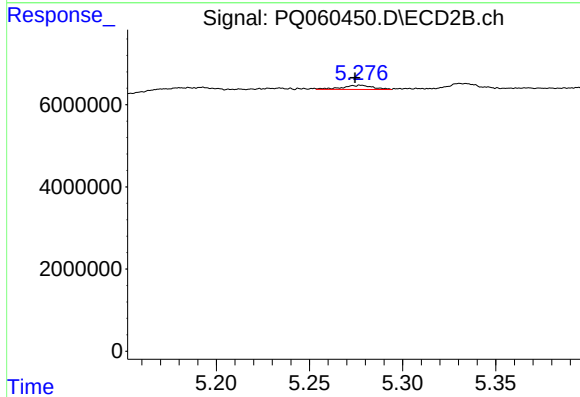
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 4449289
Conc: 5.19 ng/ml



#29 AR-1254-4

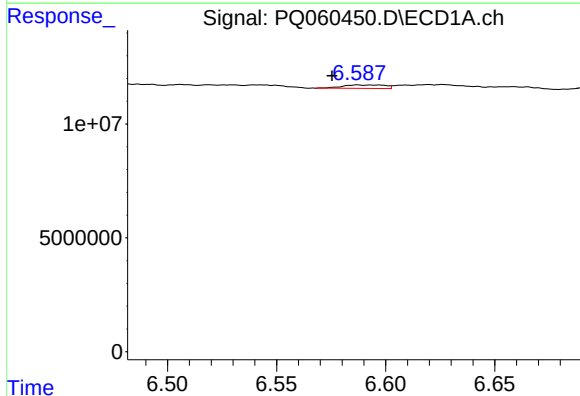
R.T.: 6.178 min
Delta R.T.: 0.012 min
Response: 8248740
Conc: 8.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



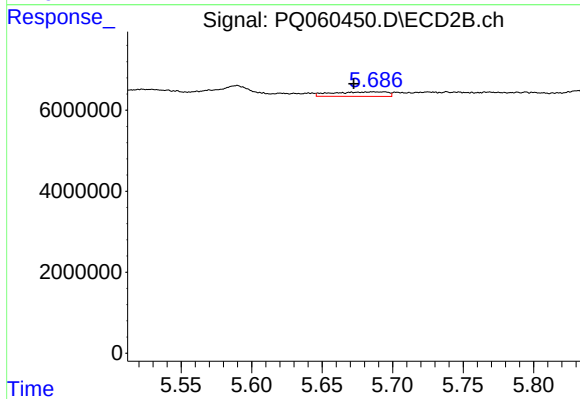
#29 AR-1254-4

R.T.: 5.278 min
Delta R.T.: 0.003 min
Response: 1167383
Conc: 2.09 ng/ml



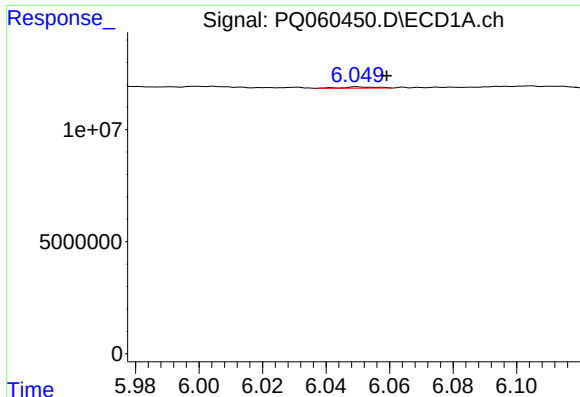
#30 AR-1254-5

R.T.: 6.587 min
Delta R.T.: 0.012 min
Response: 2057038
Conc: 1.96 ng/ml



#30 AR-1254-5

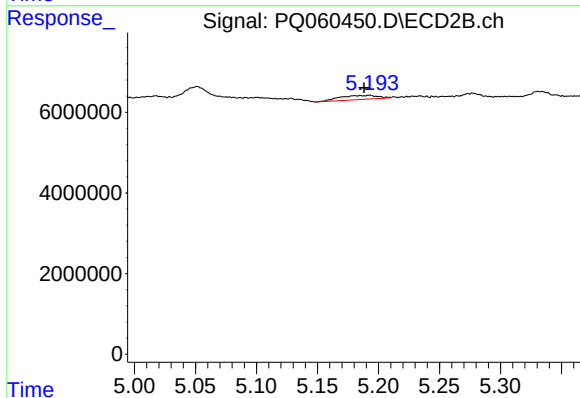
R.T.: 5.694 min
Delta R.T.: 0.021 min
Response: 2998368
Conc: 3.70 ng/ml



#31 AR-1260-1

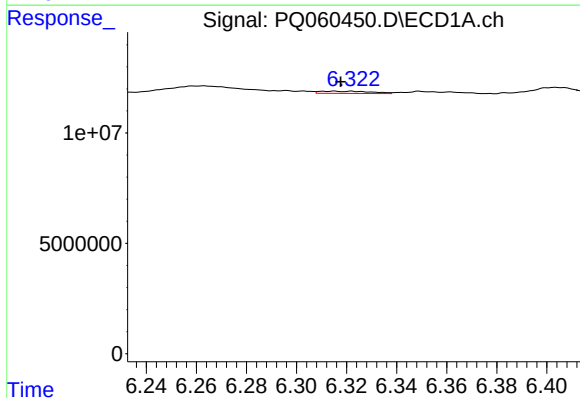
R.T.: 6.050 min
Delta R.T.: -0.009 min
Response: 399796
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



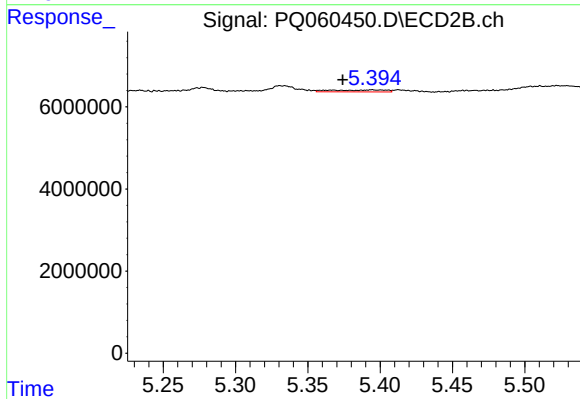
#31 AR-1260-1

R.T.: 5.192 min
Delta R.T.: 0.004 min
Response: 2184679
Conc: 3.56 ng/ml



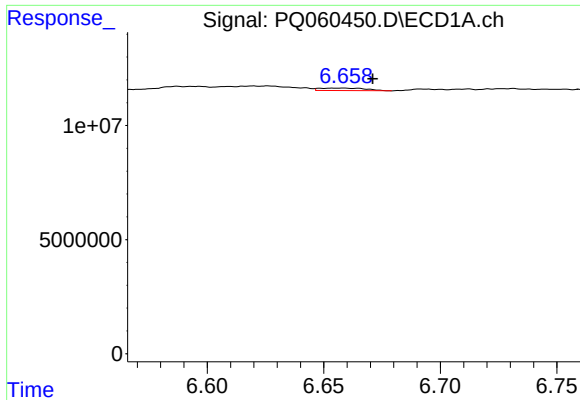
#32 AR-1260-2

R.T.: 6.315 min
Delta R.T.: -0.003 min
Response: 1419249
Conc: 1.14 ng/ml



#32 AR-1260-2

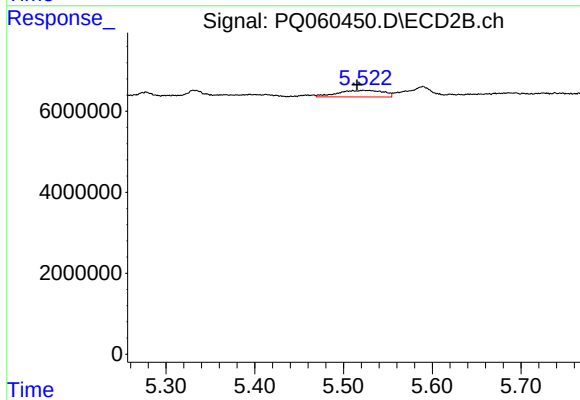
R.T.: 5.394 min
Delta R.T.: 0.020 min
Response: 1294791
Conc: 1.74 ng/ml



#33 AR-1260-3

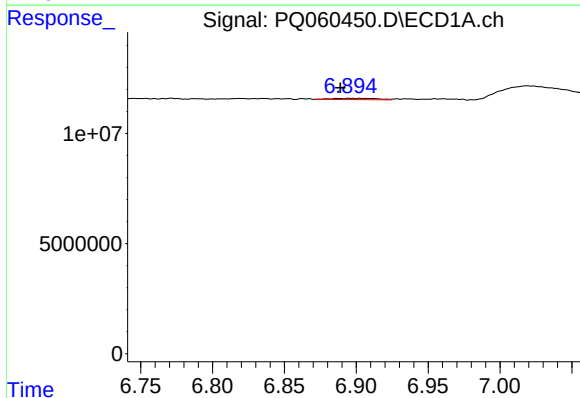
R.T.: 6.658 min
Delta R.T.: -0.013 min
Response: 1502759
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



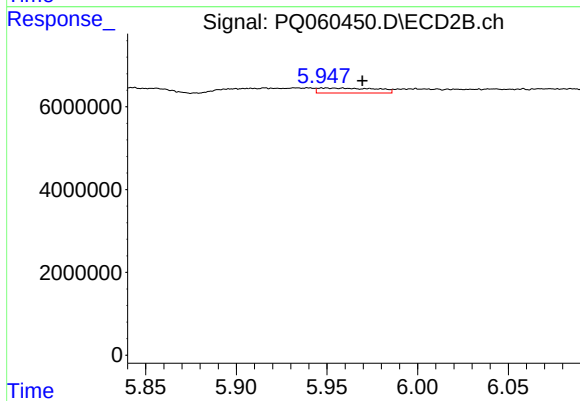
#33 AR-1260-3

R.T.: 5.523 min
Delta R.T.: 0.008 min
Response: 5800697
Conc: 7.98 ng/ml



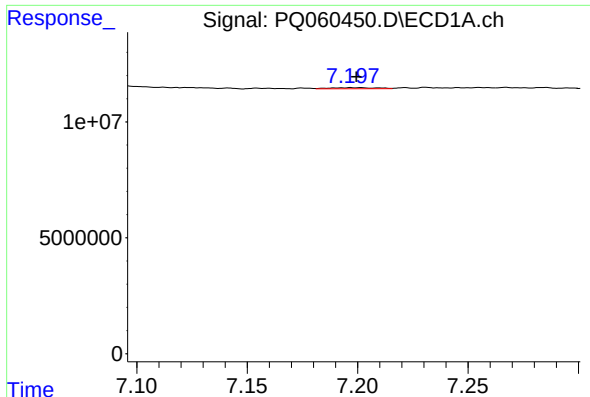
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.007 min
Response: 1221690
Conc: 1.24 ng/ml



#34 AR-1260-4

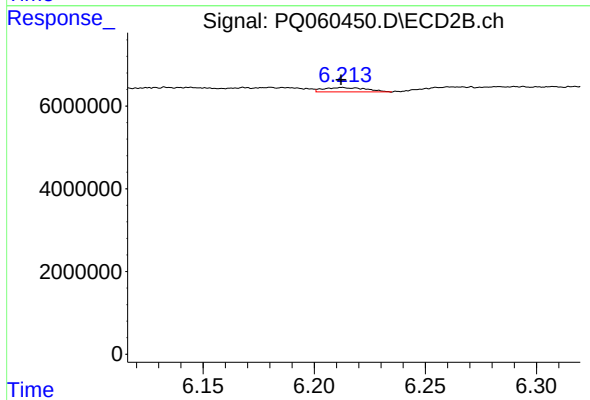
R.T.: 5.959 min
Delta R.T.: -0.011 min
Response: 2686078
Conc: 4.56 ng/ml



#35 AR-1260-5

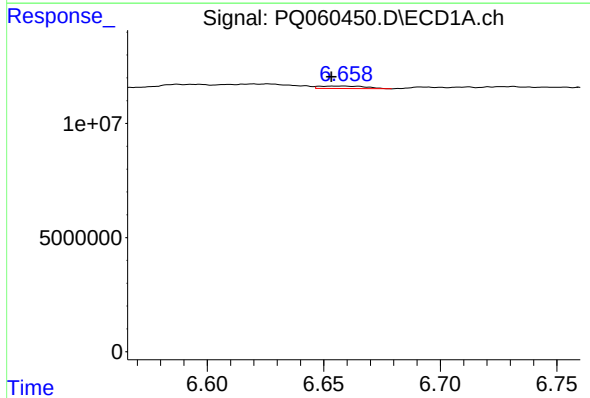
R.T.: 7.201 min
Delta R.T.: 0.001 min
Response: 617807
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



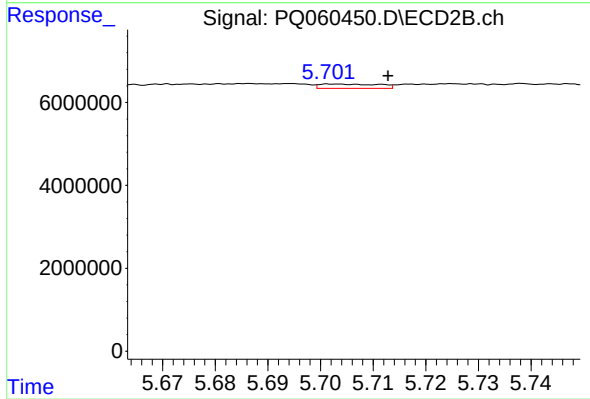
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 1371641
Conc: 1.00 ng/ml



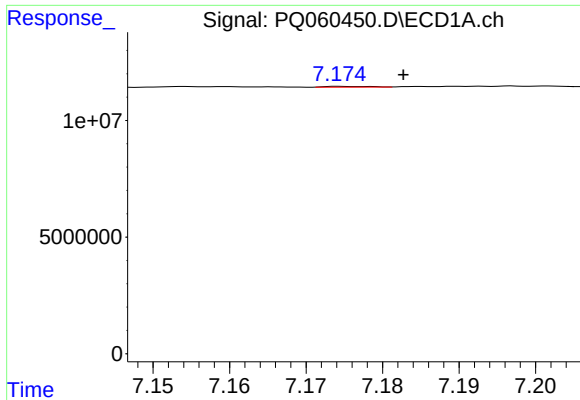
#36 AR-1262-1

R.T.: 6.658 min
Delta R.T.: 0.004 min
Response: 1502759
Conc: 1.31 ng/ml



#36 AR-1262-1

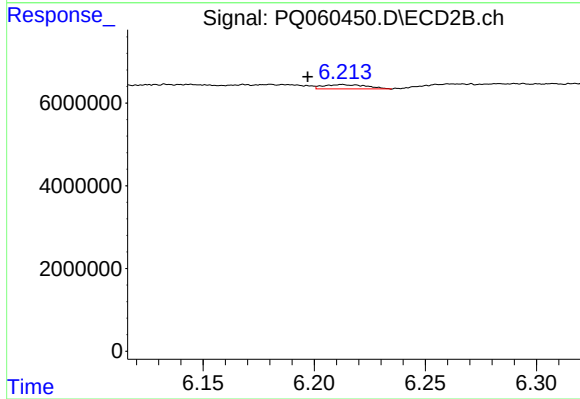
R.T.: 5.703 min
Delta R.T.: -0.010 min
Response: 805905
Conc: 1.03 ng/ml



#37 AR-1262-2

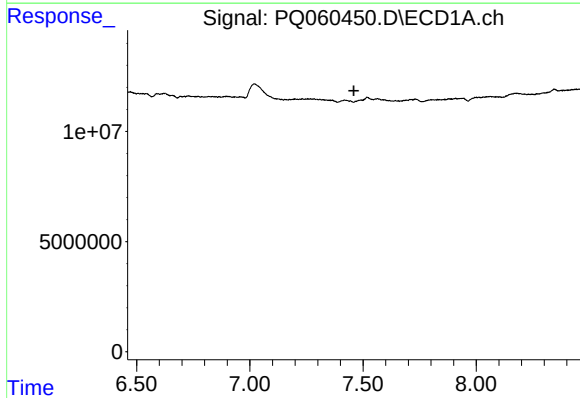
R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 142356
Conc: 0.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



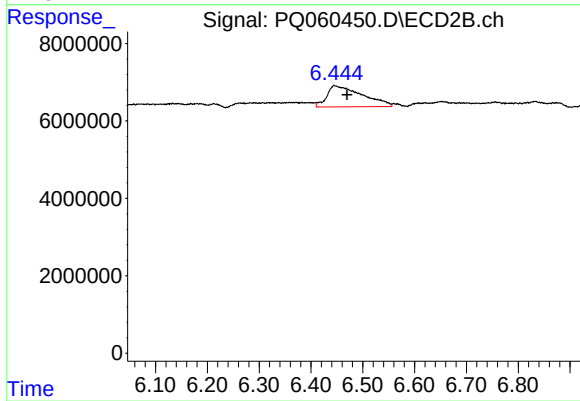
#37 AR-1262-2

R.T.: 6.213 min
Delta R.T.: 0.015 min
Response: 1371641
Conc: 0.97 ng/ml



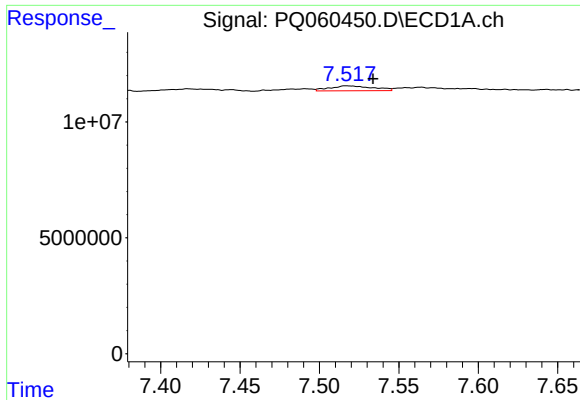
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.460 min
Response: 0
Conc: N.D.



#38 AR-1262-3

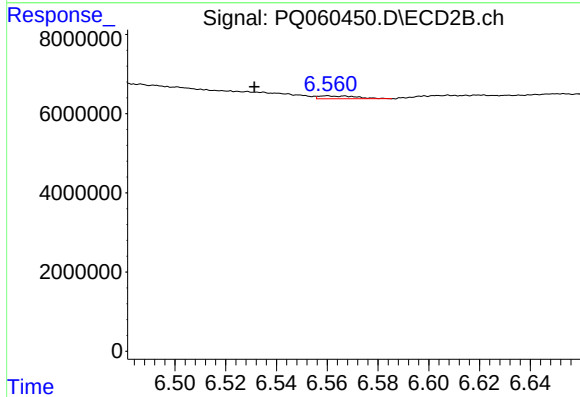
R.T.: 6.445 min
Delta R.T.: -0.025 min
Response: 25988590
Conc: 45.78 ng/ml



#39 AR-1262-4

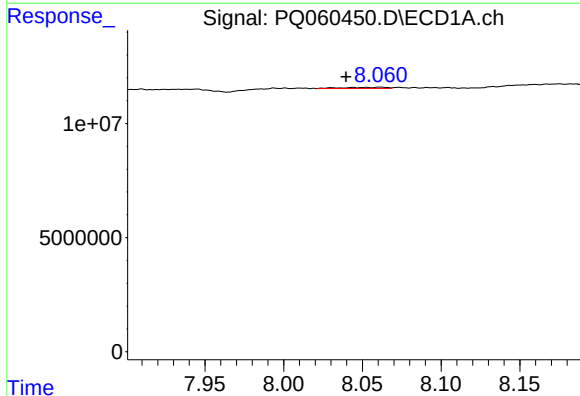
R.T.: 7.517 min
Delta R.T.: -0.017 min
Response: 4096995
Conc: 4.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



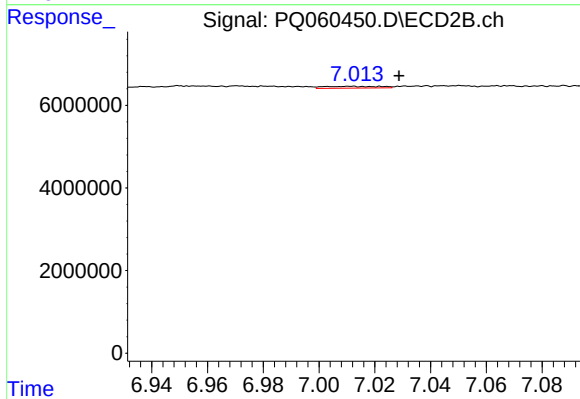
#39 AR-1262-4

R.T.: 6.560 min
Delta R.T.: 0.029 min
Response: 763984
Conc: 0.72 ng/ml



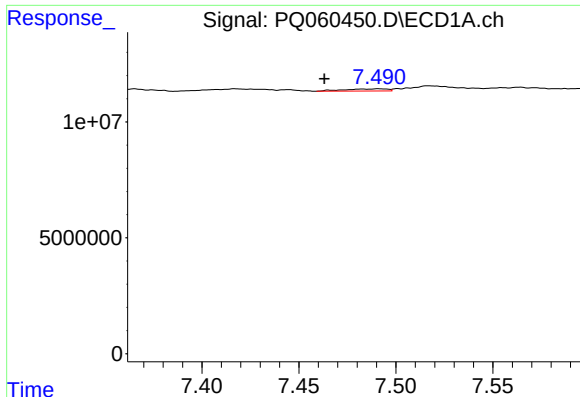
#40 AR-1262-5

R.T.: 8.062 min
Delta R.T.: 0.022 min
Response: 928913
Conc: 1.43 ng/ml



#40 AR-1262-5

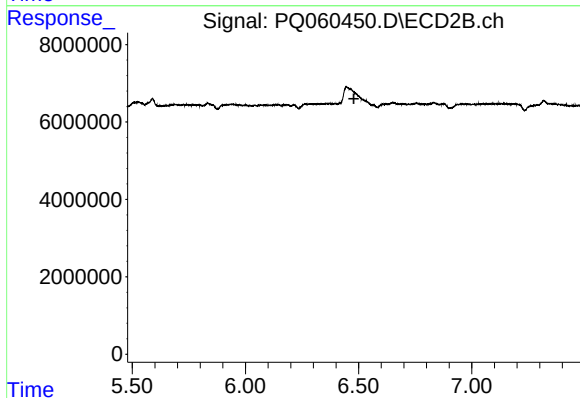
R.T.: 7.011 min
Delta R.T.: -0.018 min
Response: 627055
Conc: 1.21 ng/ml



#41 AR-1268-1

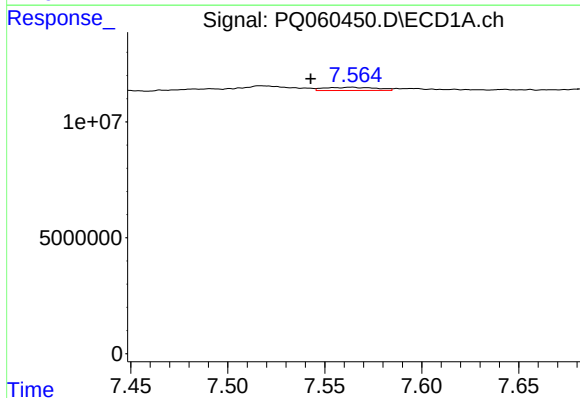
R.T.: 7.491 min
Delta R.T.: 0.028 min
Response: 1455911
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



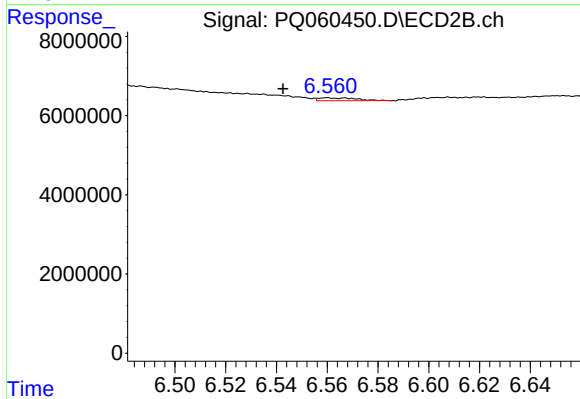
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.479 min
Response: 0
Conc: N.D.



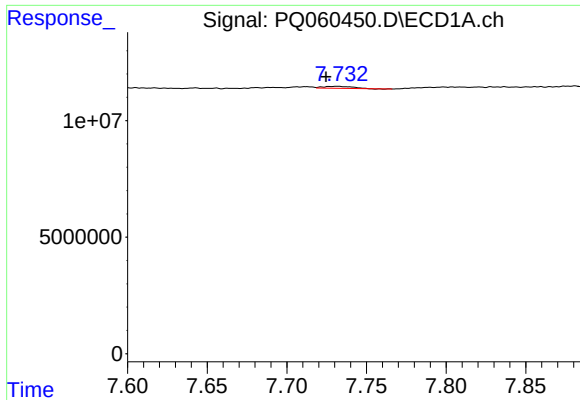
#42 AR-1268-2

R.T.: 7.564 min
Delta R.T.: 0.021 min
Response: 2573220
Conc: 1.21 ng/ml



#42 AR-1268-2

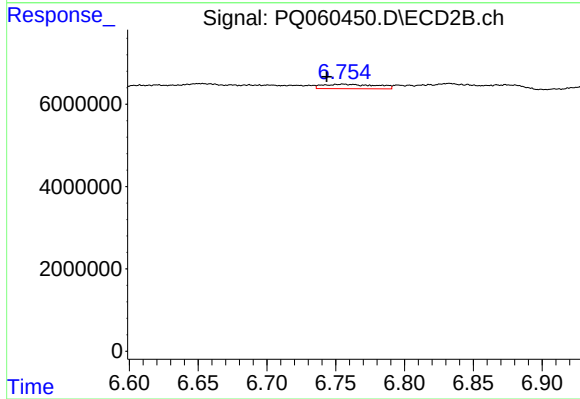
R.T.: 6.560 min
Delta R.T.: 0.017 min
Response: 763984
Conc: 0.49 ng/ml



#43 AR-1268-3

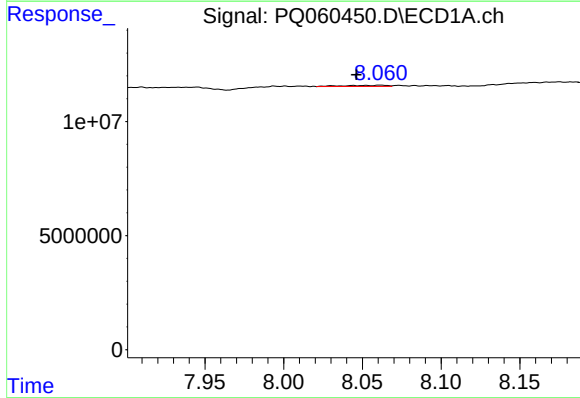
R.T.: 7.732 min
Delta R.T.: 0.007 min
Response: 1043223
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



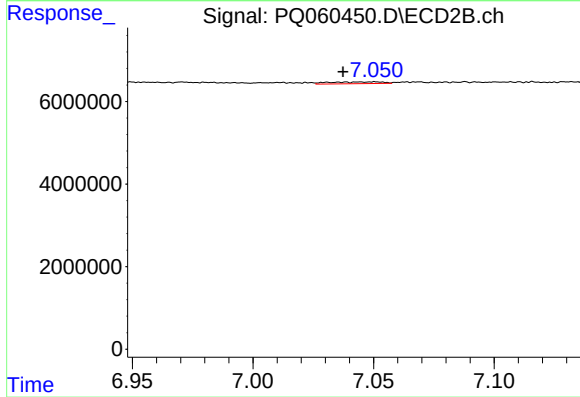
#43 AR-1268-3

R.T.: 6.756 min
Delta R.T.: 0.012 min
Response: 2993854
Conc: 2.20 ng/ml



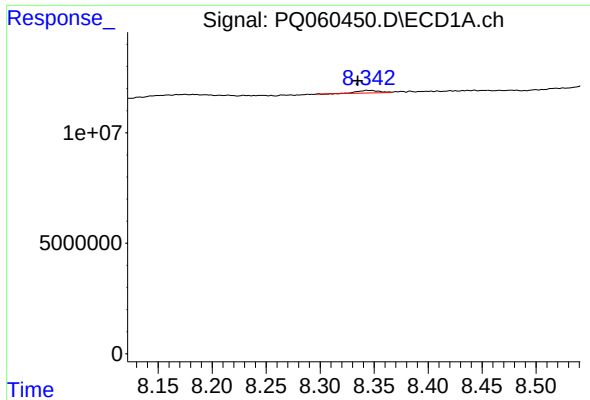
#44 AR-1268-4

R.T.: 8.062 min
Delta R.T.: 0.015 min
Response: 928913
Conc: 1.25 ng/ml



#44 AR-1268-4

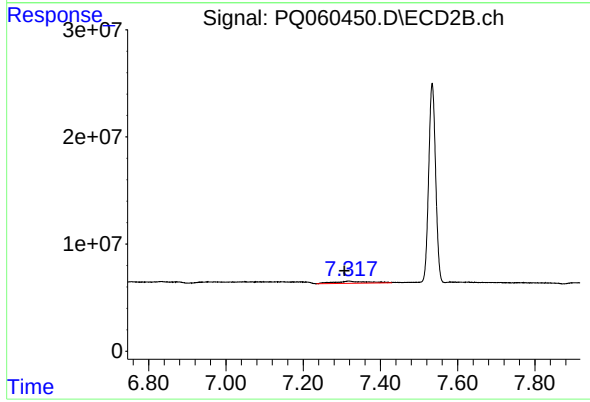
R.T.: 7.051 min
Delta R.T.: 0.013 min
Response: 661283
Conc: 1.12 ng/ml



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: 0.009 min
Response: 1662885
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.011 min
Response: 11664146
Conc: 2.73 ng/ml