

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071023\
 Data File : PQ062050.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 11:39
 Operator : YP\AJ
 Sample : 03555-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:33:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.404	2.758	90060240	55805045	18.462	22.241
2)	SA Decachlor...	8.583	7.527	58315987	54489896	16.053	16.353
Target Compounds							
3)	L1 AR-1016-1	4.504	3.759	557669	2870043	3.386	28.998 #
4)	L1 AR-1016-2	4.525	3.775	2030337	2778201	8.211	19.266 #
5)	L1 AR-1016-3	4.583	3.937	1236857	1190067	8.116	15.774 #
6)	L1 AR-1016-4	4.670	3.984	658710	13674871	5.255	208.207 #
7)	L1 AR-1016-5	4.960	4.178	12767180	11949781	104.892	145.762 #
8)	L2 AR-1221-1	3.589	2.955	2644658	498879	43.999	15.119 #
9)	L2 AR-1221-2	3.682	3.025	1883907	1558597	41.927	61.362 #
10)	L2 AR-1221-3	3.771	3.099	3733365	3407952	26.569	44.207 #
11)	L3 AR-1232-1	3.771	3.099	3733365	3407952	35.353	59.477 #
12)	L3 AR-1232-2	4.246	3.775	4145452	2778201	70.082	41.743 #
13)	L3 AR-1232-3	4.525	3.937	2030337	1190067	17.955	34.440 #
14)	L3 AR-1232-4	4.670	4.020	658710	4925621	11.624	165.624 #
15)	L3 AR-1232-5	4.770	4.178	20918016	11949781	522.297	335.095 #
16)	L4 AR-1242-1	4.504	3.759	557669	2870043	4.267	37.110 #
17)	L4 AR-1242-2	4.525	3.775	2030337	2778201	10.458	24.993 #
18)	L4 AR-1242-3	4.583	3.937	1236857	1190067	10.235	20.317 #
19)	L4 AR-1242-4	4.670	4.020	658710	4925621	6.757	84.015 #
20)	L4 AR-1242-5	5.391	4.515	13638457	45212645	142.468	545.436 #
21)	L5 AR-1248-1	4.504	3.759	557669	2870043	5.363	45.906 #
22)	L5 AR-1248-2	4.770	3.984	20918016	13674871	145.606	145.836
23)	L5 AR-1248-3	4.960	4.020	12767180	4925621	73.496	54.400 #
24)	L5 AR-1248-4	5.354	4.178	18864813	11949781	98.290	105.901
25)	L5 AR-1248-5	5.391	4.553	13638457	10134979	75.300	90.465
26)	L6 AR-1254-1	5.327	4.515	40548909	45212645	218.214	280.019 #
27)	L6 AR-1254-2	5.542	4.662	55775762	44712460	191.859	303.702 #
28)	L6 AR-1254-3	5.898	5.043	73091987	71094114	237.976	304.210 #
29)	L6 AR-1254-4	6.182	5.270	50427686	43070641	217.180	282.589 #
30)	L6 AR-1254-5	6.595	5.676	63036502	76234693	245.402	330.311 #
31)	L7 AR-1260-1	6.062	5.173	31064355	42894125	131.667	257.540 #
32)	L7 AR-1260-2	6.319	5.363	59591792	37652750	206.334	181.070
33)	L7 AR-1260-3	6.676	5.499	5028621	33800677	28.478	173.730 #
34)	L7 AR-1260-4	6.892	5.965	8839149	5349924	41.961	36.678
35)	L7 AR-1260-5	7.204	6.211	14704724	15747533	35.812	47.424 #
36)	L8 AR-1262-1	6.676	5.717	5028621	4631223	16.490	19.922
37)	L8 AR-1262-2	7.204	5.965	14704724	5349924	27.918	24.744
38)	L8 AR-1262-3	7.483	6.490	10757399	3455845	30.534	19.824 #
39)	L8 AR-1262-4	7.555	6.546	4918217	11687609	18.440	36.264 #
40)	L8 AR-1262-5	8.058	7.044	4275400	2547377	24.086	16.423 #
41)	L9 AR-1268-1	7.483	6.490	10757399	3455845	18.956	7.344 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071023\
 Data File : PQ062050.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 11:39
 Operator : YP\AJ
 Sample : 03555-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

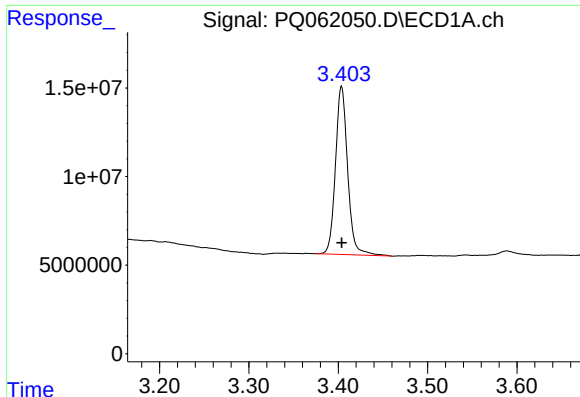
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:33:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
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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	7.555	6.546	4918217	11687609	9.646	27.584 #
43) L9	AR-1268-3	7.734	6.752	488331	2464880	1.144	6.692 #
44) L9	AR-1268-4	8.058	7.044	4275400	2547377	23.365	15.927 #
45) L9	AR-1268-5	8.348	7.311	3268501	3068819	2.592	2.630

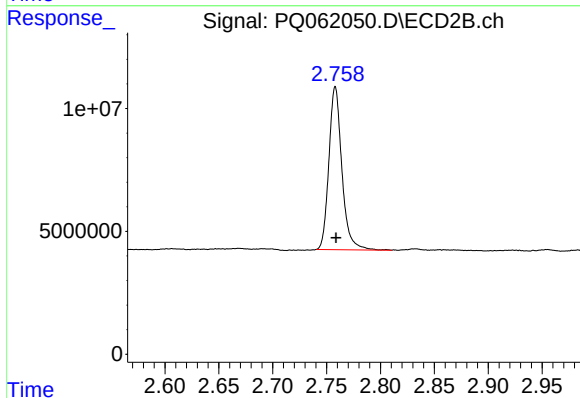
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

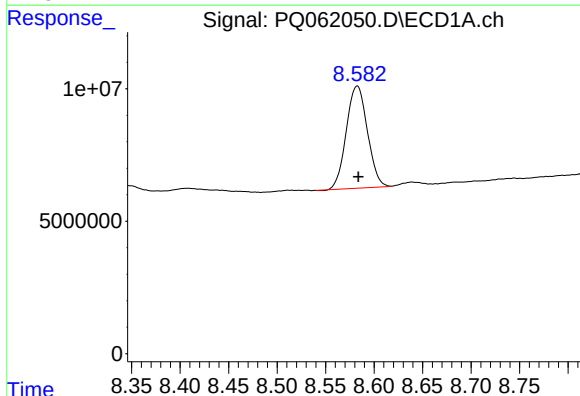
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 90060240
Conc: 18.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



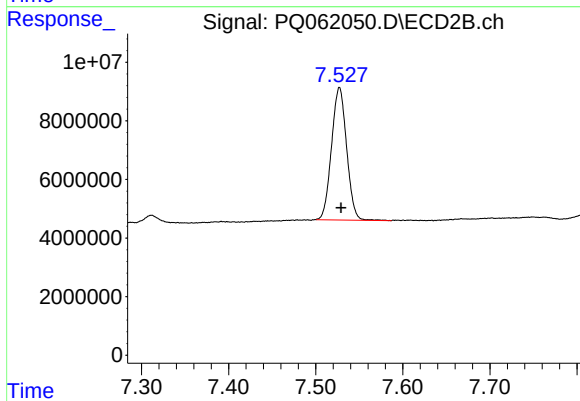
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 55805045
Conc: 22.24 ng/ml



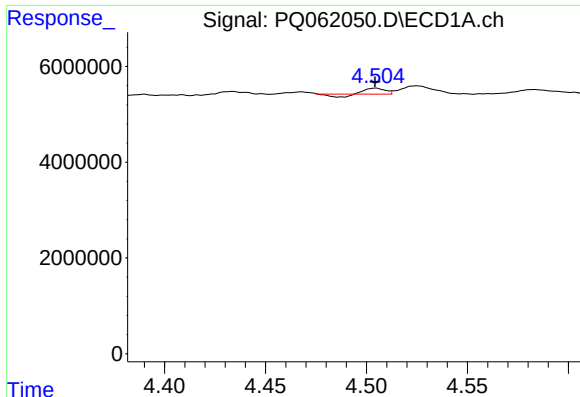
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 58315987
Conc: 16.05 ng/ml



#2 Decachlorobiphenyl

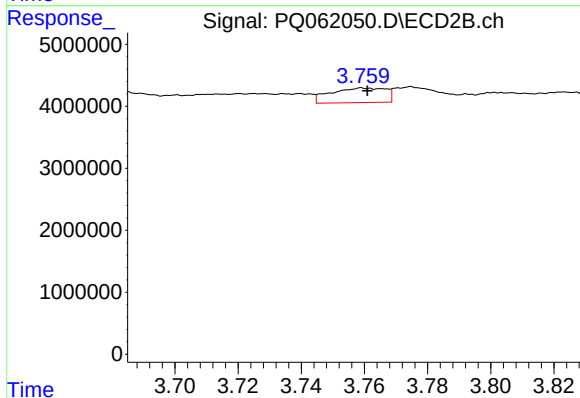
R.T.: 7.527 min
Delta R.T.: -0.002 min
Response: 54489896
Conc: 16.35 ng/ml



#3 AR-1016-1

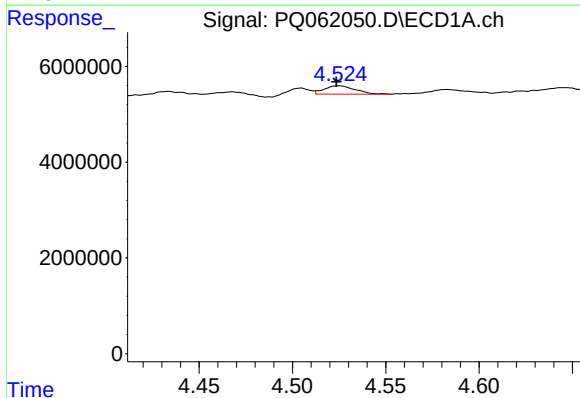
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 557669
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



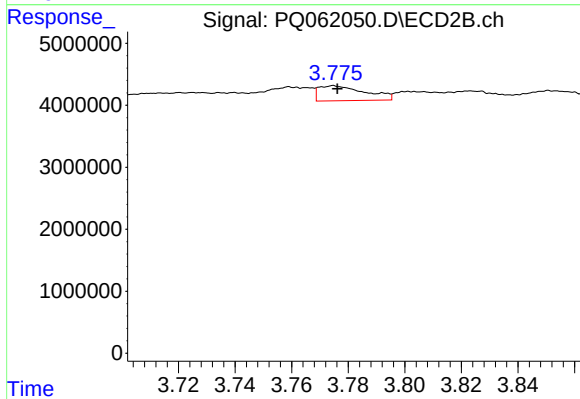
#3 AR-1016-1

R.T.: 3.759 min
Delta R.T.: -0.002 min
Response: 2870043
Conc: 29.00 ng/ml



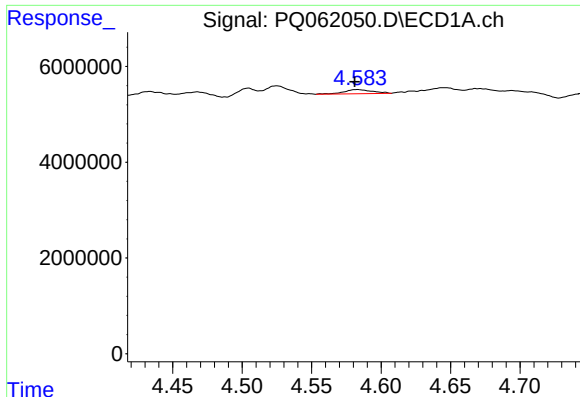
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 2030337
Conc: 8.21 ng/ml



#4 AR-1016-2

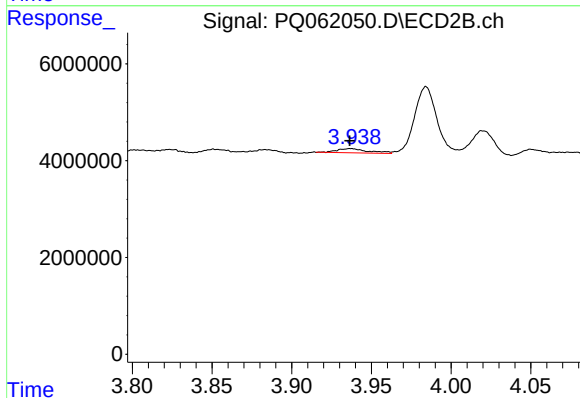
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 2778201
Conc: 19.27 ng/ml



#5 AR-1016-3

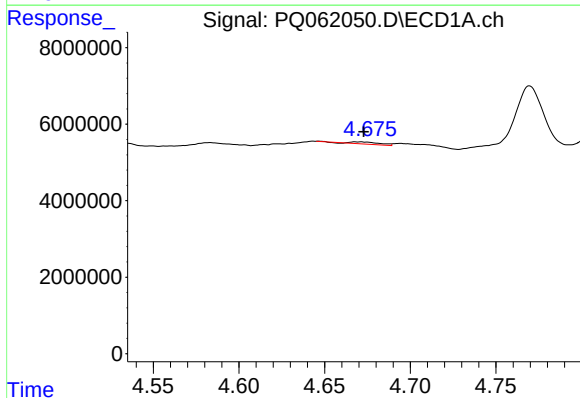
R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 1236857
Conc: 8.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



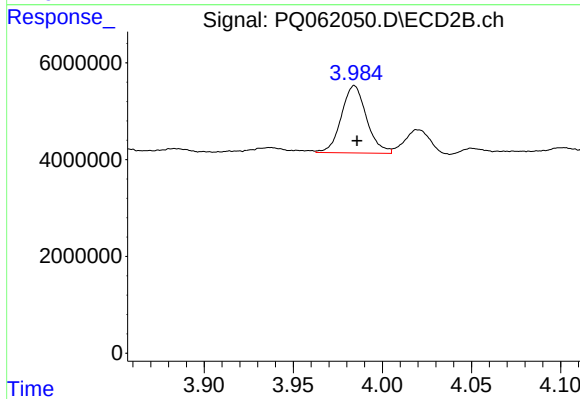
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 1190067
Conc: 15.77 ng/ml



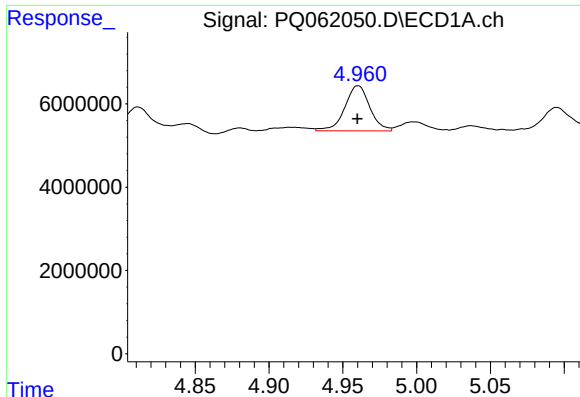
#6 AR-1016-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 658710
Conc: 5.26 ng/ml



#6 AR-1016-4

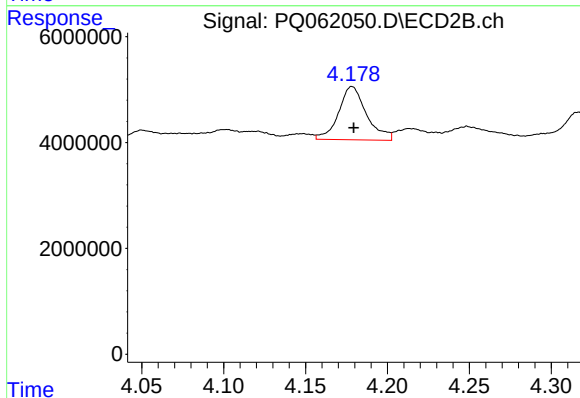
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 13674871
Conc: 208.21 ng/ml



#7 AR-1016-5

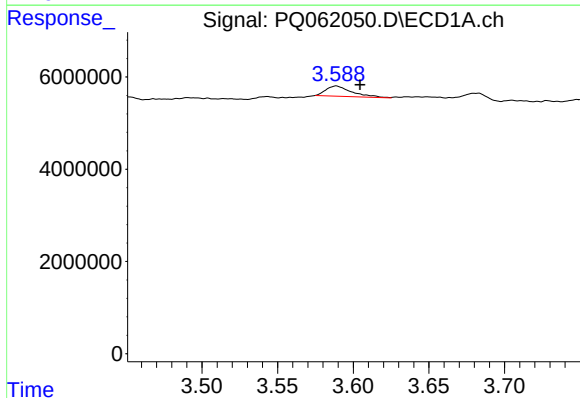
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 12767180
Conc: 104.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



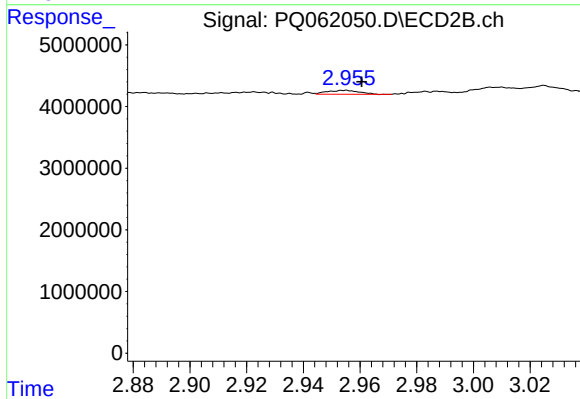
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 11949781
Conc: 145.76 ng/ml



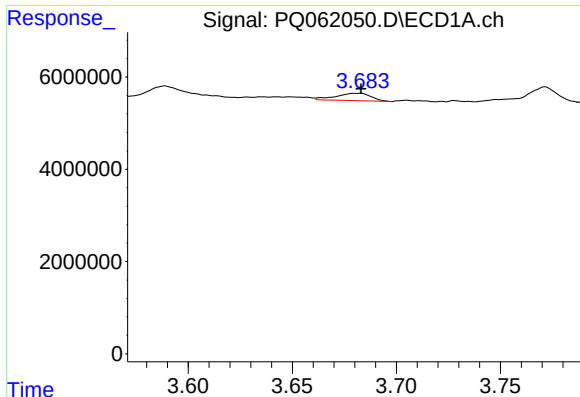
#8 AR-1221-1

R.T.: 3.589 min
Delta R.T.: -0.016 min
Response: 2644658
Conc: 44.00 ng/ml



#8 AR-1221-1

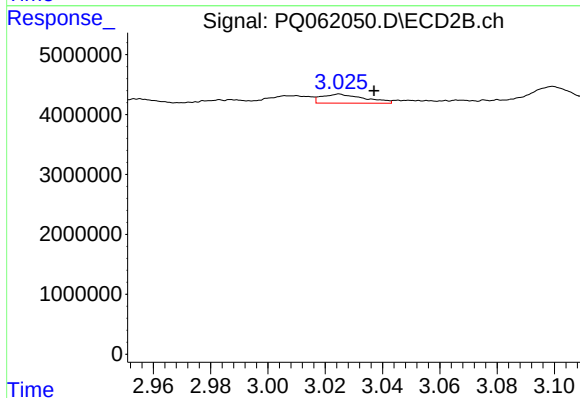
R.T.: 2.955 min
Delta R.T.: -0.006 min
Response: 498879
Conc: 15.12 ng/ml



#9 AR-1221-2

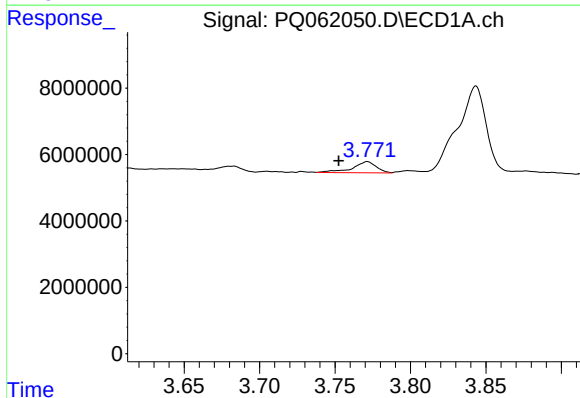
R.T.: 3.682 min
Delta R.T.: -0.001 min
Response: 1883907
Conc: 41.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



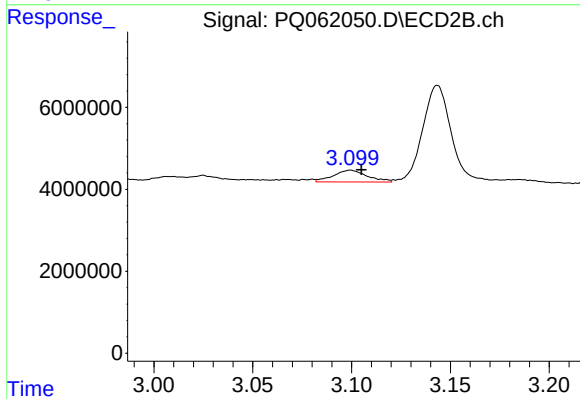
#9 AR-1221-2

R.T.: 3.025 min
Delta R.T.: -0.012 min
Response: 1558597
Conc: 61.36 ng/ml



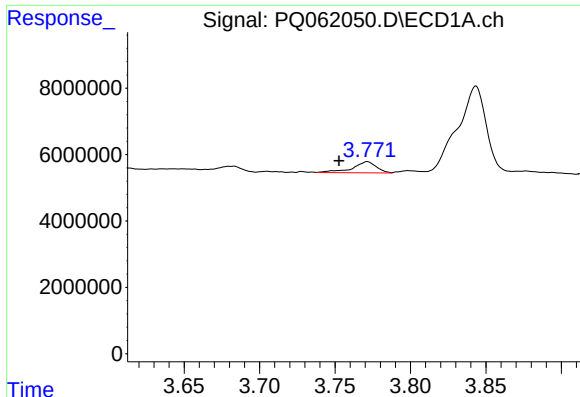
#10 AR-1221-3

R.T.: 3.771 min
Delta R.T.: 0.019 min
Response: 3733365
Conc: 26.57 ng/ml



#10 AR-1221-3

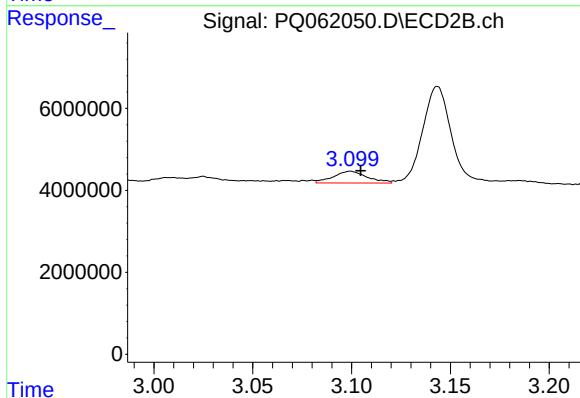
R.T.: 3.099 min
Delta R.T.: -0.006 min
Response: 3407952
Conc: 44.21 ng/ml



#11 AR-1232-1

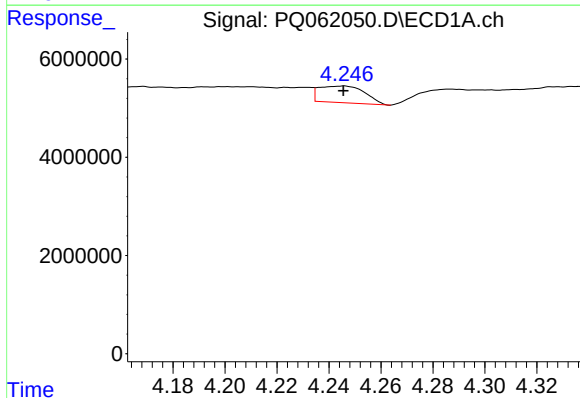
R.T.: 3.771 min
Delta R.T.: 0.019 min
Response: 3733365
Conc: 35.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



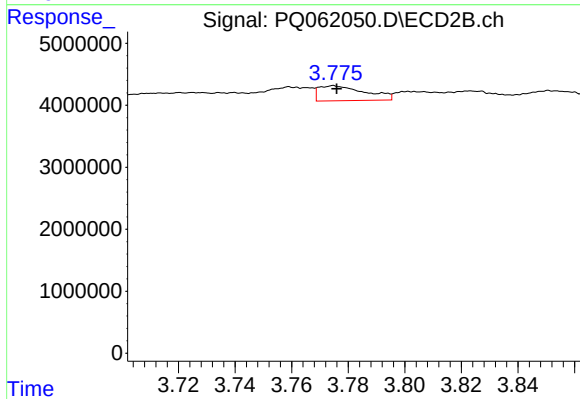
#11 AR-1232-1

R.T.: 3.099 min
Delta R.T.: -0.005 min
Response: 3407952
Conc: 59.48 ng/ml



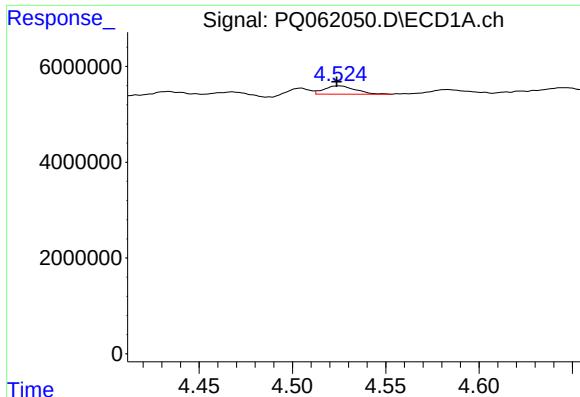
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 4145452
Conc: 70.08 ng/ml



#12 AR-1232-2

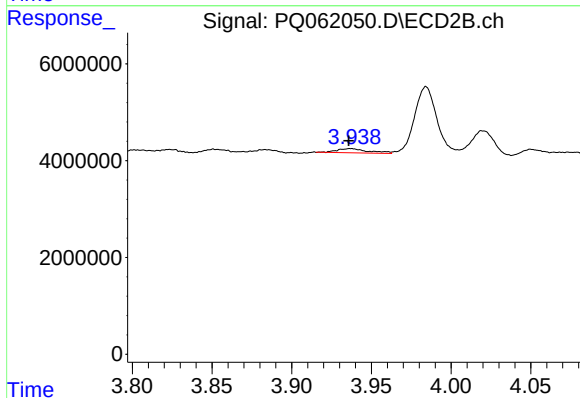
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 2778201
Conc: 41.74 ng/ml



#13 AR-1232-3

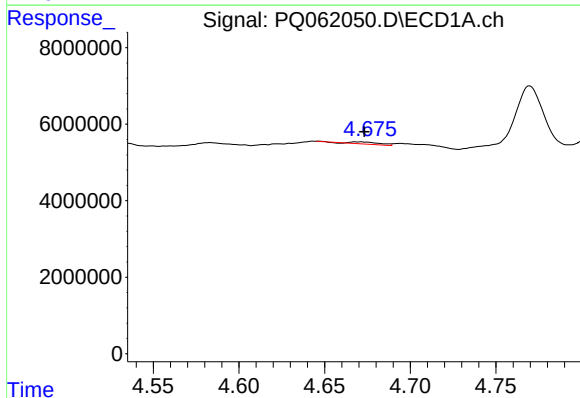
R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 2030337
Conc: 17.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



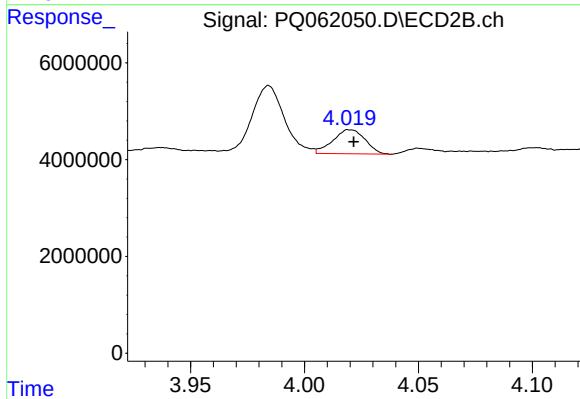
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 1190067
Conc: 34.44 ng/ml



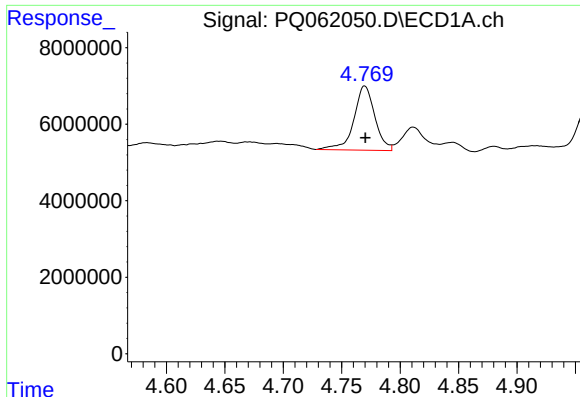
#14 AR-1232-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 658710
Conc: 11.62 ng/ml



#14 AR-1232-4

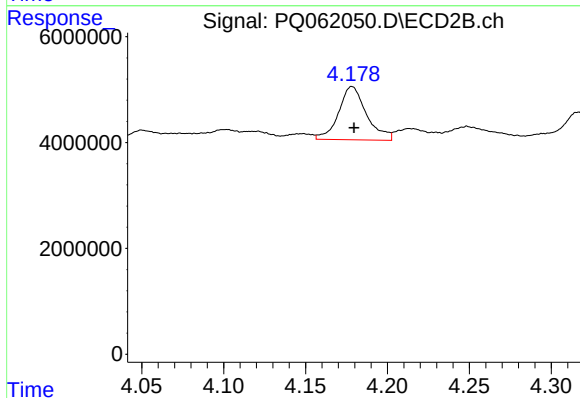
R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 4925621
Conc: 165.62 ng/ml



#15 AR-1232-5

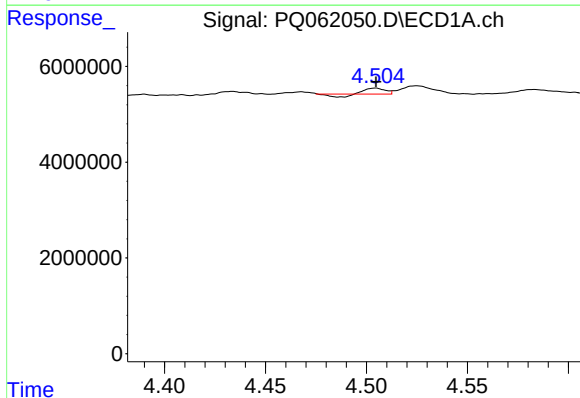
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 20918016
Conc: 522.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



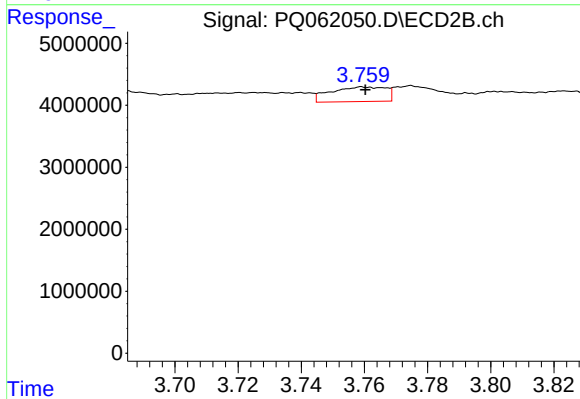
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 11949781
Conc: 335.10 ng/ml



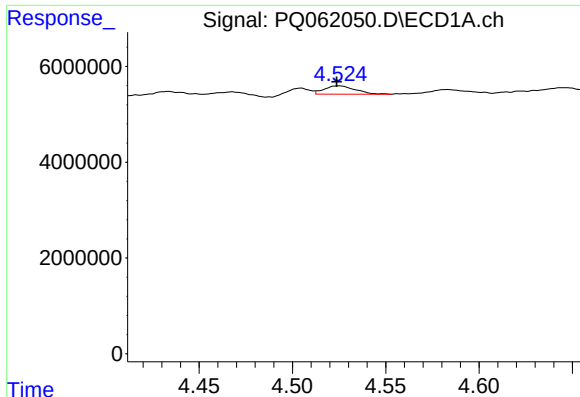
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 557669
Conc: 4.27 ng/ml



#16 AR-1242-1

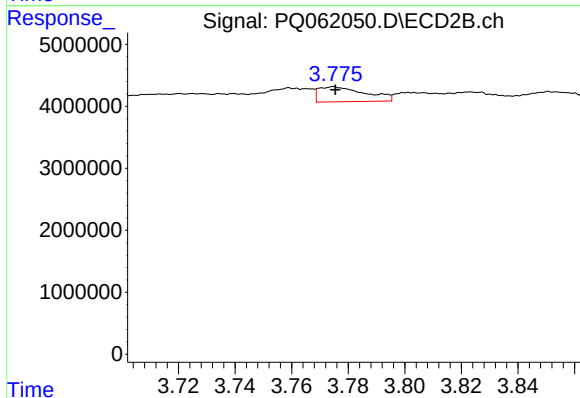
R.T.: 3.759 min
Delta R.T.: -0.001 min
Response: 2870043
Conc: 37.11 ng/ml



#17 AR-1242-2

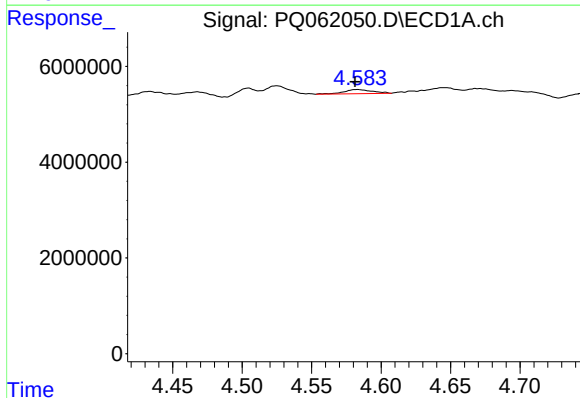
R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 2030337
Conc: 10.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



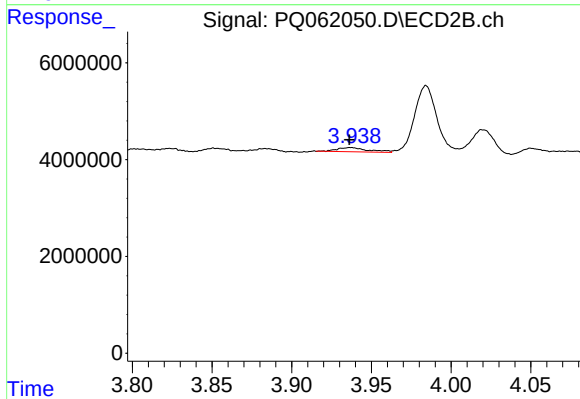
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 2778201
Conc: 24.99 ng/ml



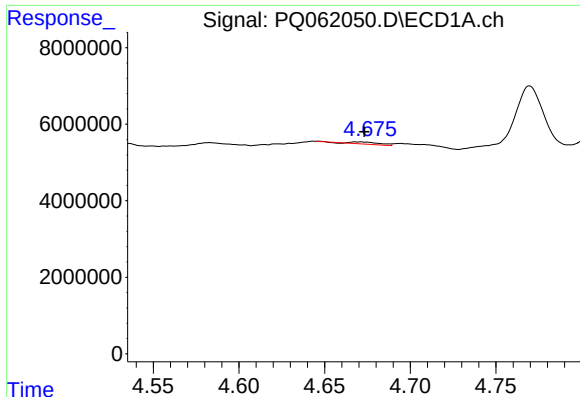
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.001 min
Response: 1236857
Conc: 10.24 ng/ml



#18 AR-1242-3

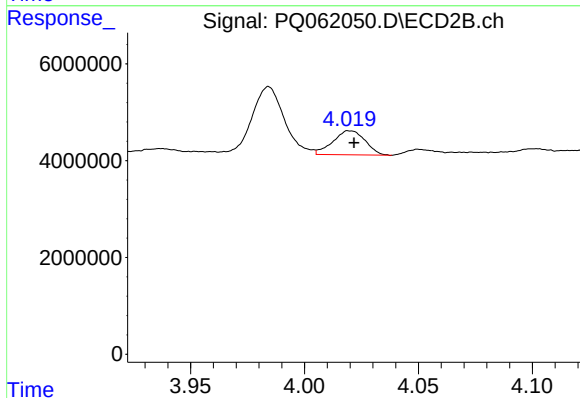
R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 1190067
Conc: 20.32 ng/ml



#19 AR-1242-4

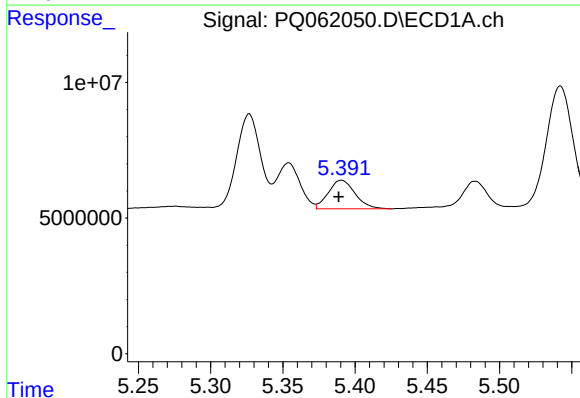
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 658710
Conc: 6.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



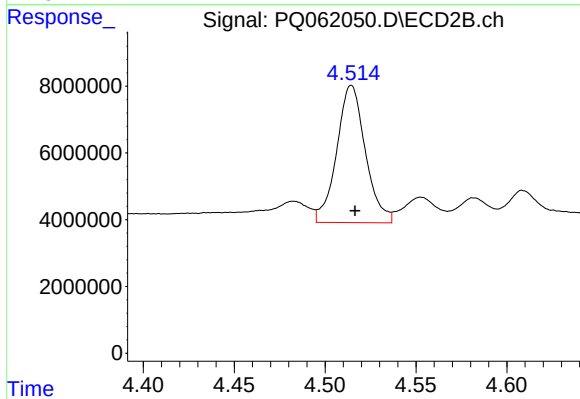
#19 AR-1242-4

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 4925621
Conc: 84.01 ng/ml



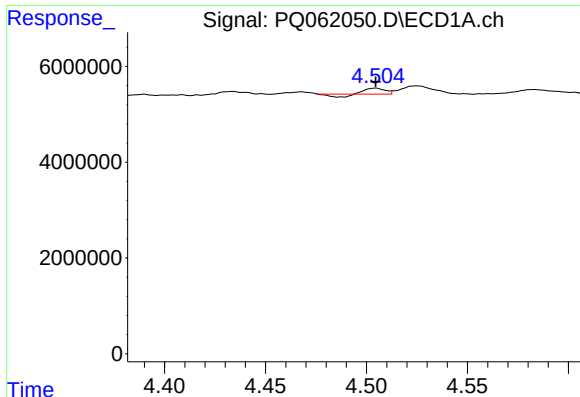
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 13638457
Conc: 142.47 ng/ml



#20 AR-1242-5

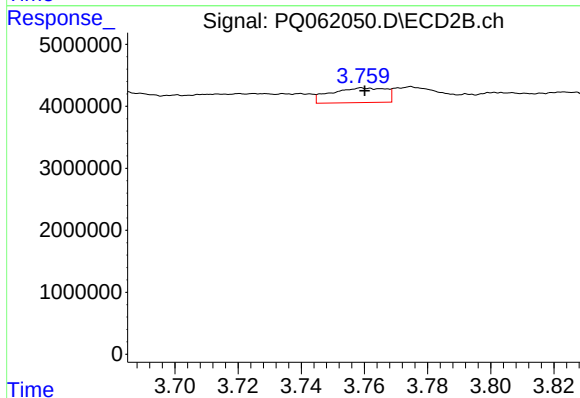
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 45212645
Conc: 545.44 ng/ml



#21 AR-1248-1

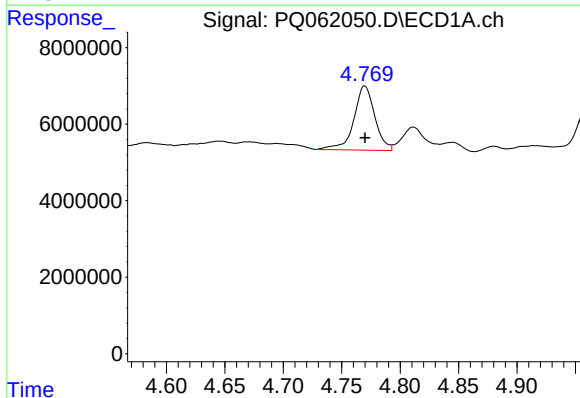
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 557669
Conc: 5.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



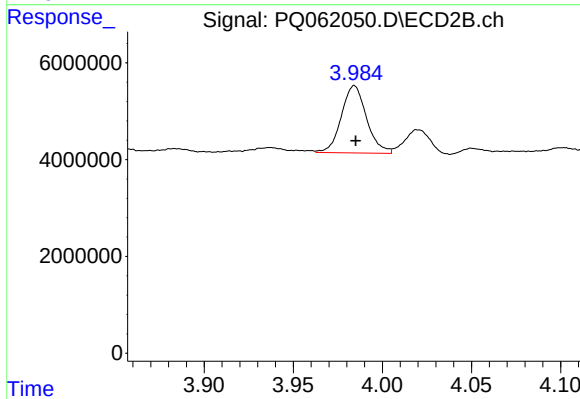
#21 AR-1248-1

R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 2870043
Conc: 45.91 ng/ml



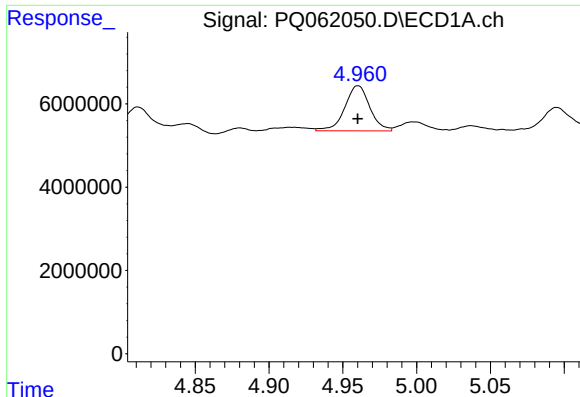
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 20918016
Conc: 145.61 ng/ml



#22 AR-1248-2

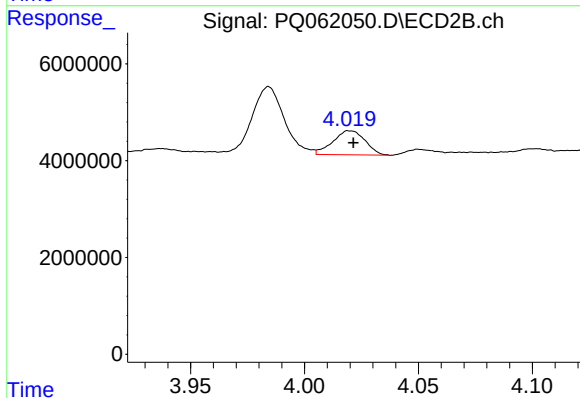
R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 13674871
Conc: 145.84 ng/ml



#23 AR-1248-3

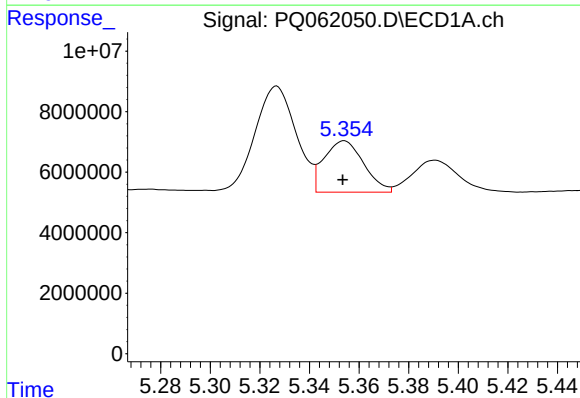
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 12767180
Conc: 73.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



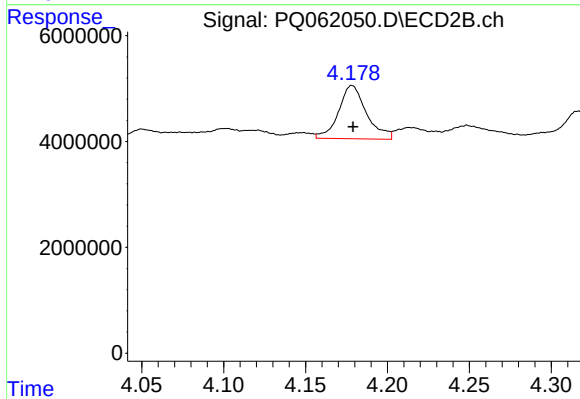
#23 AR-1248-3

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 4925621
Conc: 54.40 ng/ml



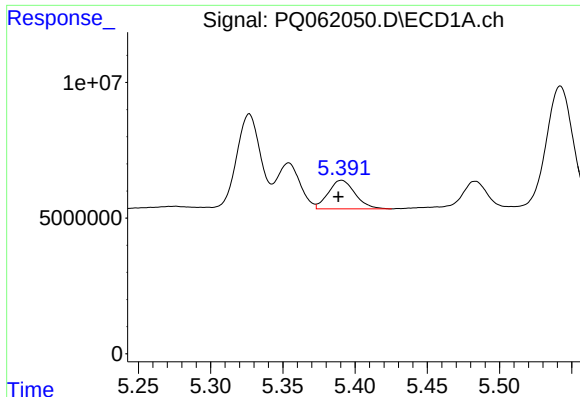
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 18864813
Conc: 98.29 ng/ml



#24 AR-1248-4

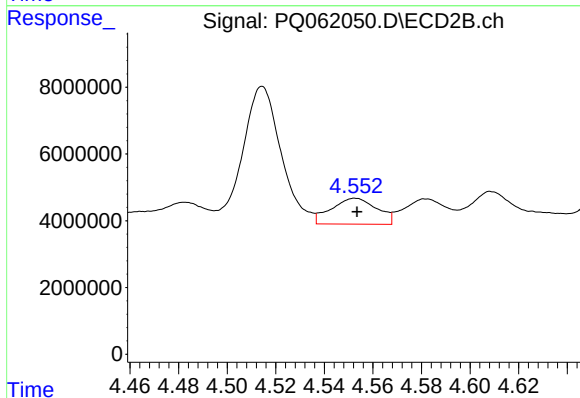
R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 11949781
Conc: 105.90 ng/ml



#25 AR-1248-5

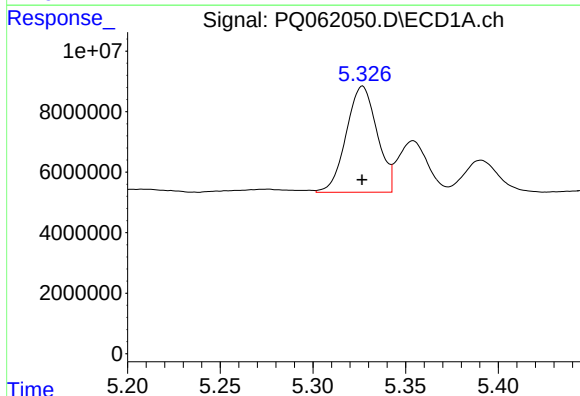
R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 13638457
Conc: 75.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



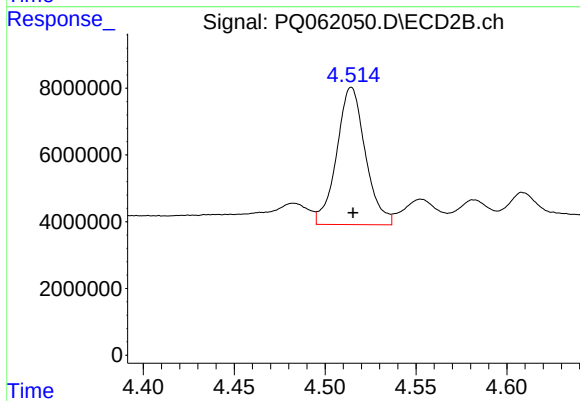
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 10134979
Conc: 90.46 ng/ml



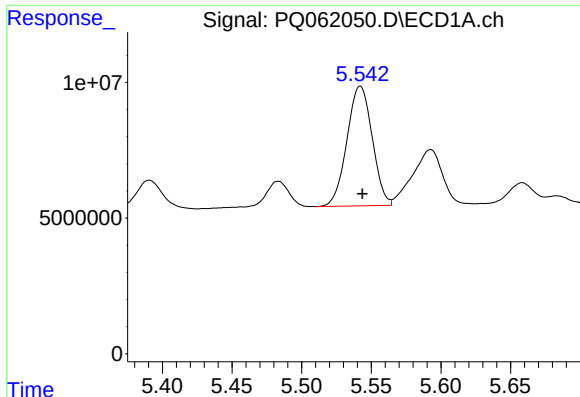
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 40548909
Conc: 218.21 ng/ml



#26 AR-1254-1

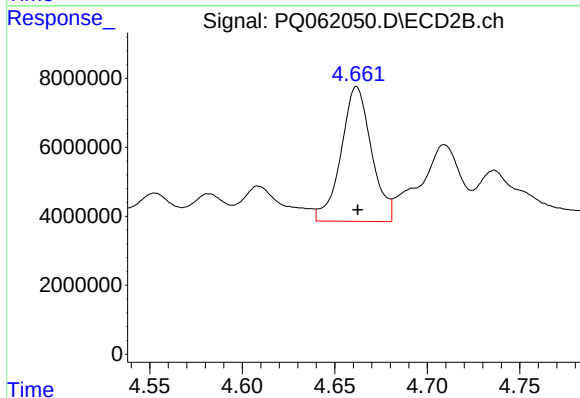
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 45212645
Conc: 280.02 ng/ml



#27 AR-1254-2

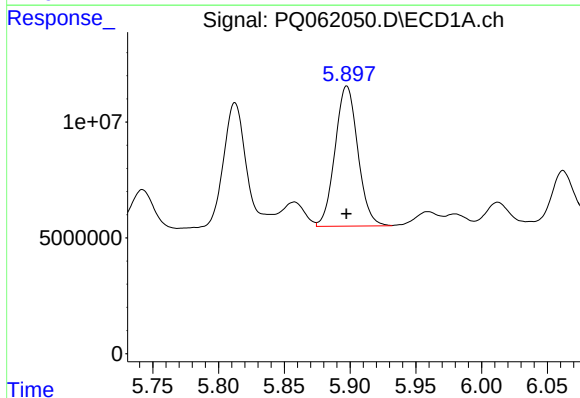
R.T.: 5.542 min
Delta R.T.: -0.001 min
Response: 55775762
Conc: 191.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



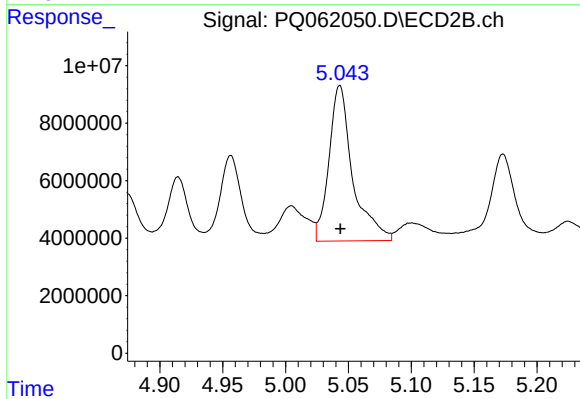
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 44712460
Conc: 303.70 ng/ml



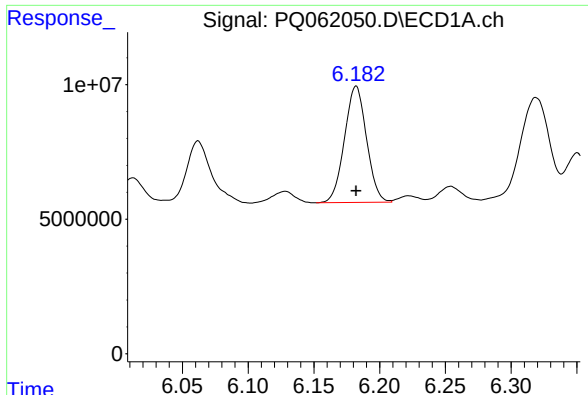
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 73091987
Conc: 237.98 ng/ml



#28 AR-1254-3

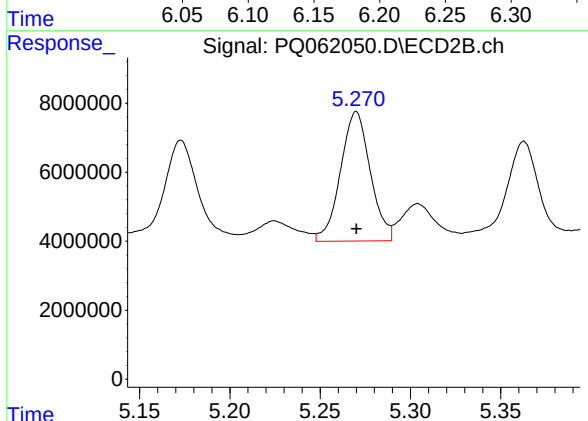
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 71094114
Conc: 304.21 ng/ml



#29 AR-1254-4

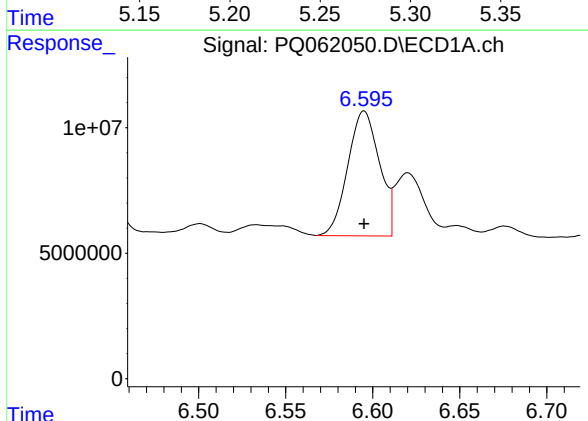
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 50427686
Conc: 217.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



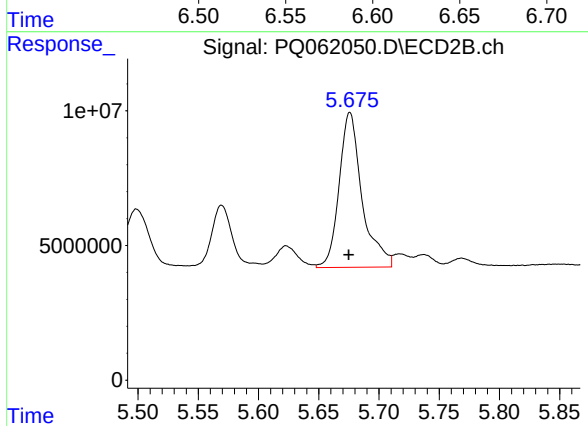
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 43070641
Conc: 282.59 ng/ml



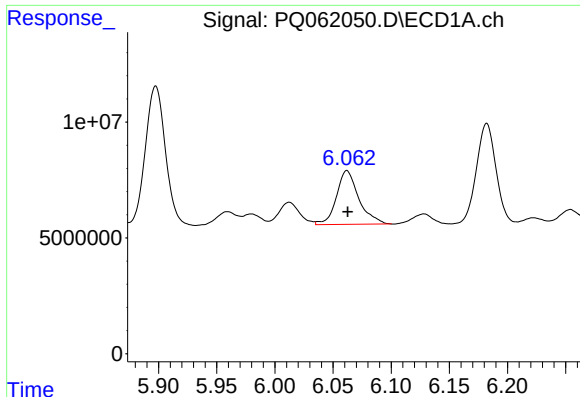
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 63036502
Conc: 245.40 ng/ml



#30 AR-1254-5

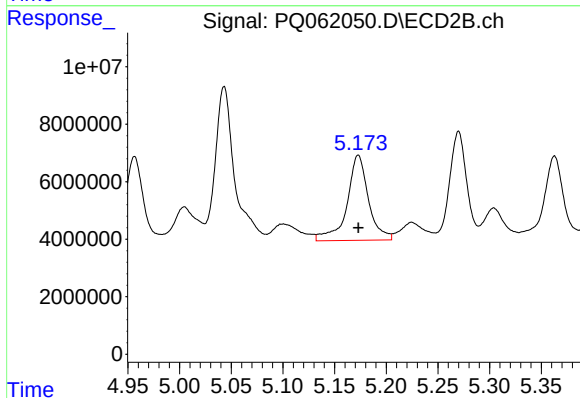
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 76234693
Conc: 330.31 ng/ml



#31 AR-1260-1

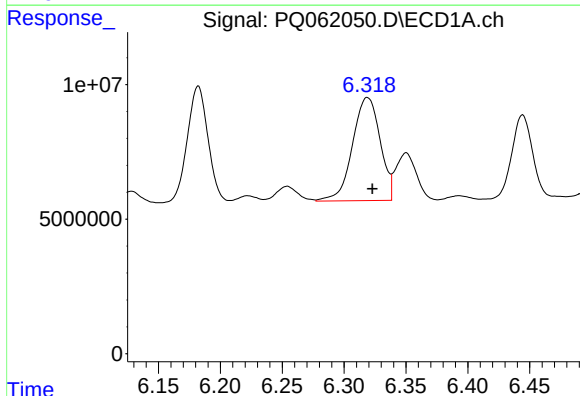
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 31064355
Conc: 131.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



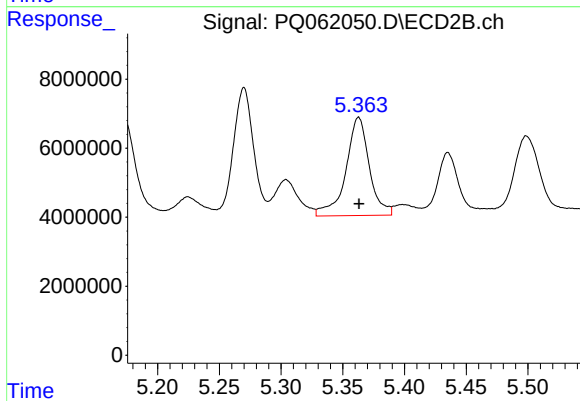
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 42894125
Conc: 257.54 ng/ml



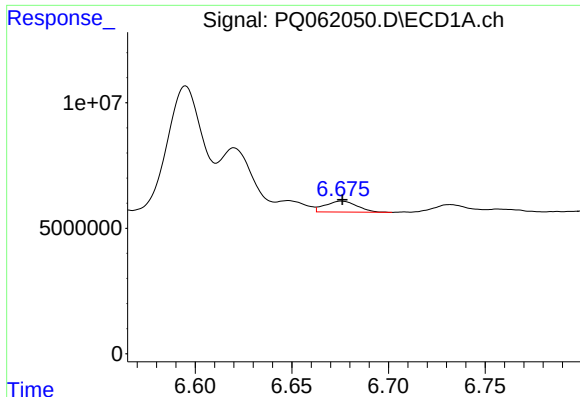
#32 AR-1260-2

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 59591792
Conc: 206.33 ng/ml



#32 AR-1260-2

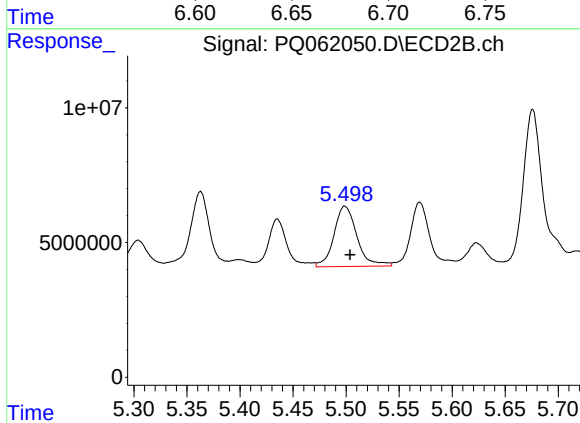
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 37652750
Conc: 181.07 ng/ml



#33 AR-1260-3

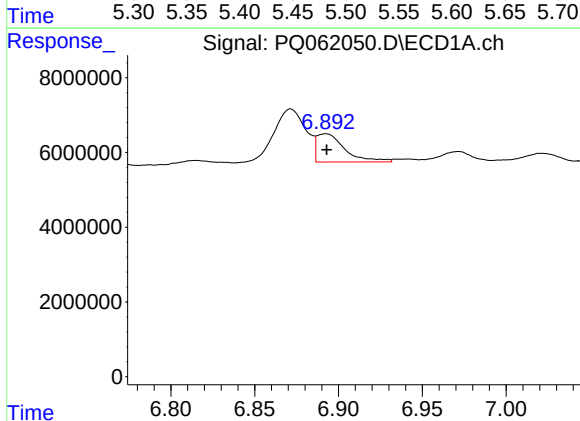
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 5028621
Conc: 28.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



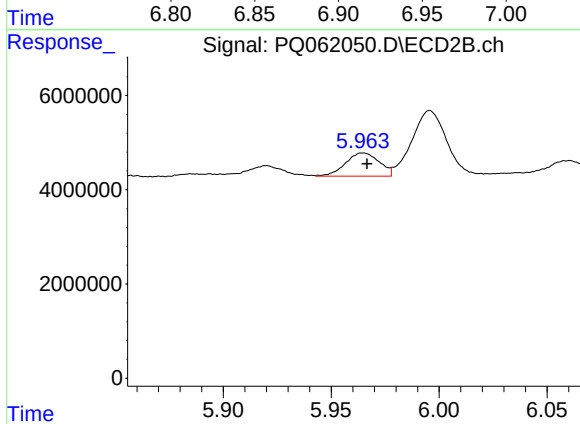
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 33800677
Conc: 173.73 ng/ml



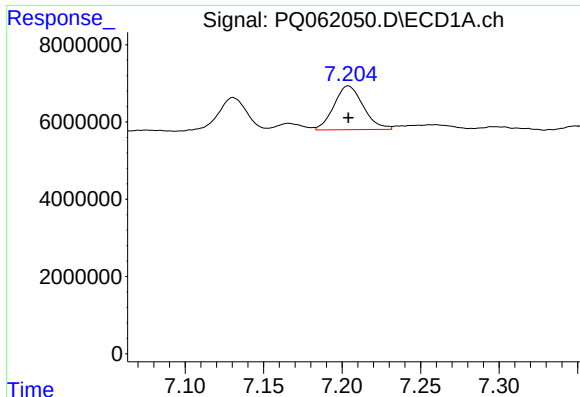
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 8839149
Conc: 41.96 ng/ml



#34 AR-1260-4

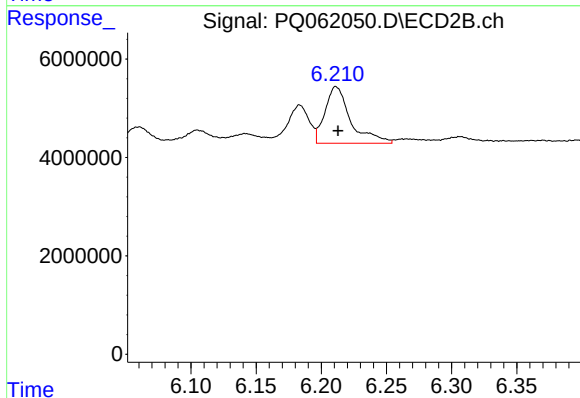
R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 5349924
Conc: 36.68 ng/ml



#35 AR-1260-5

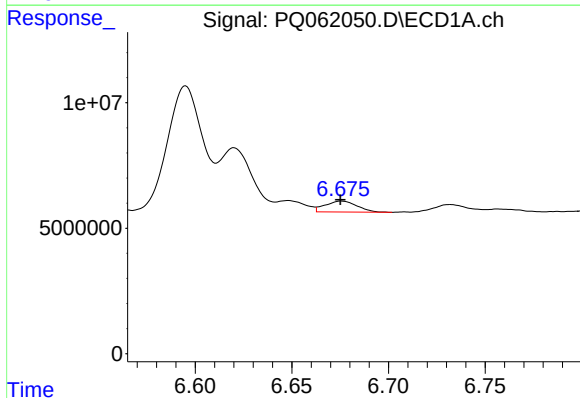
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 14704724
Conc: 35.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



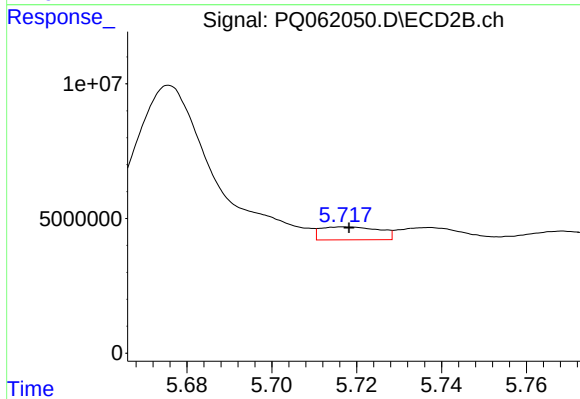
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 15747533
Conc: 47.42 ng/ml



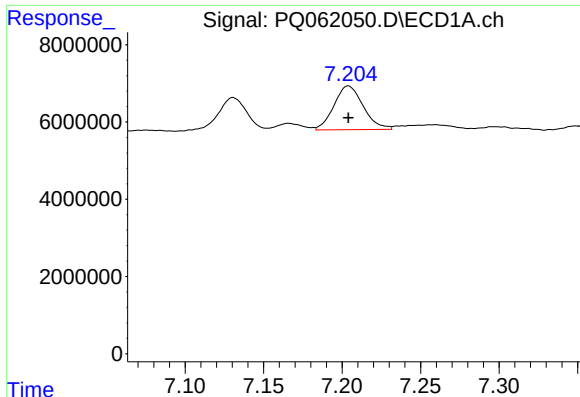
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 5028621
Conc: 16.49 ng/ml



#36 AR-1262-1

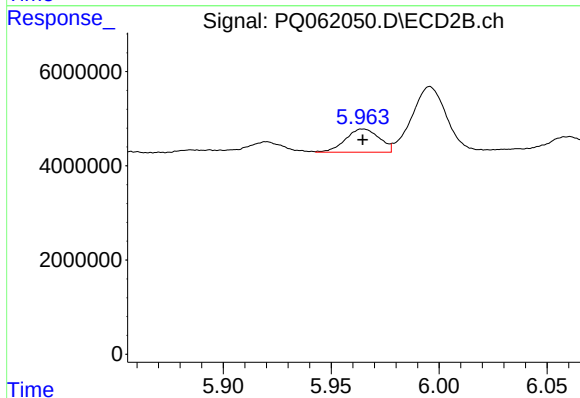
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 4631223
Conc: 19.92 ng/ml



#37 AR-1262-2

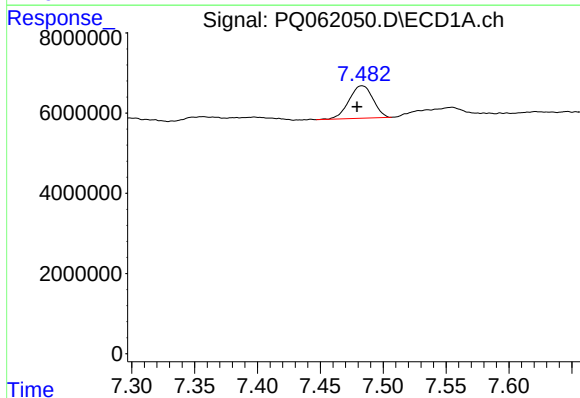
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 14704724
Conc: 27.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



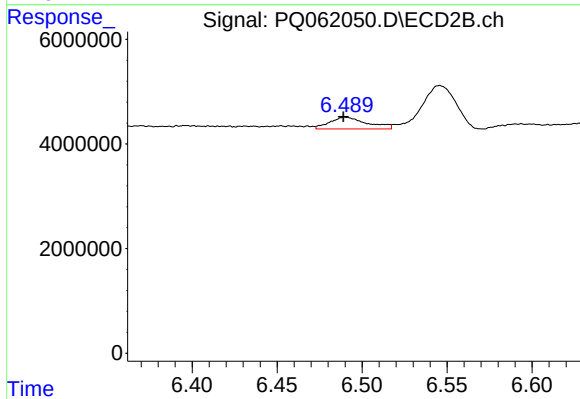
#37 AR-1262-2

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 5349924
Conc: 24.74 ng/ml



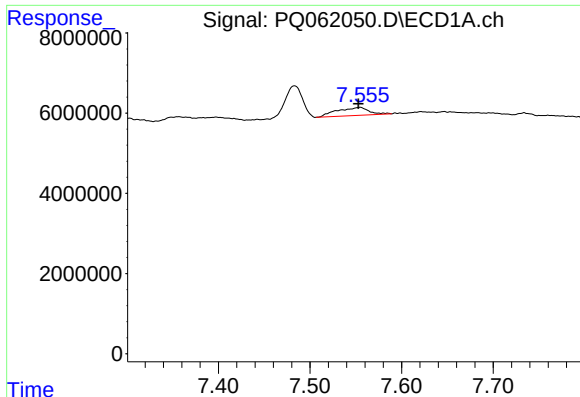
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 10757399
Conc: 30.53 ng/ml



#38 AR-1262-3

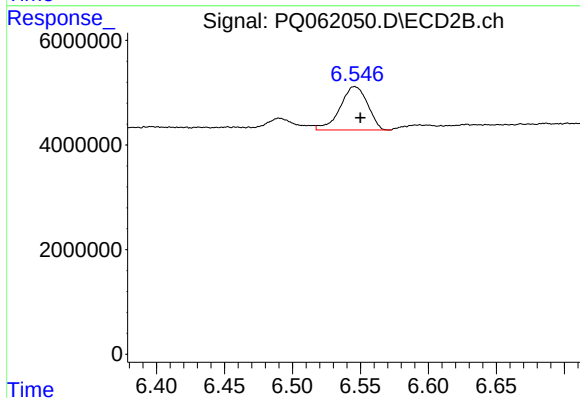
R.T.: 6.490 min
Delta R.T.: 0.001 min
Response: 3455845
Conc: 19.82 ng/ml



#39 AR-1262-4

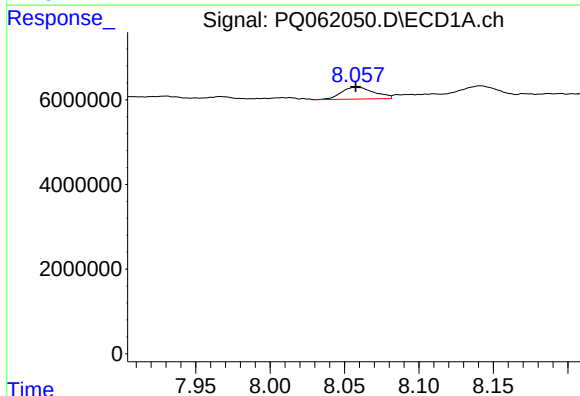
R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 4918217
Conc: 18.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



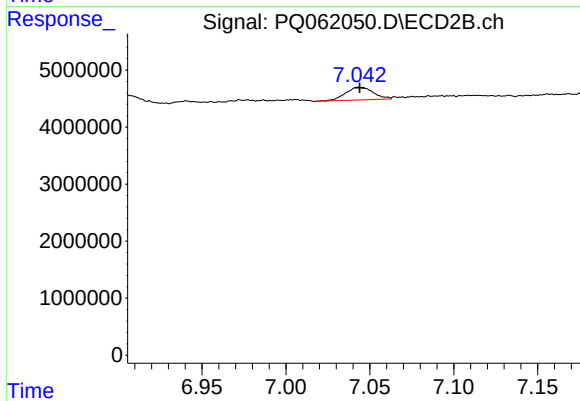
#39 AR-1262-4

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 11687609
Conc: 36.26 ng/ml



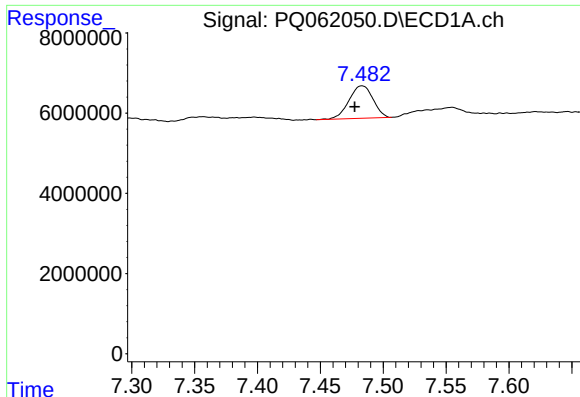
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 4275400
Conc: 24.09 ng/ml



#40 AR-1262-5

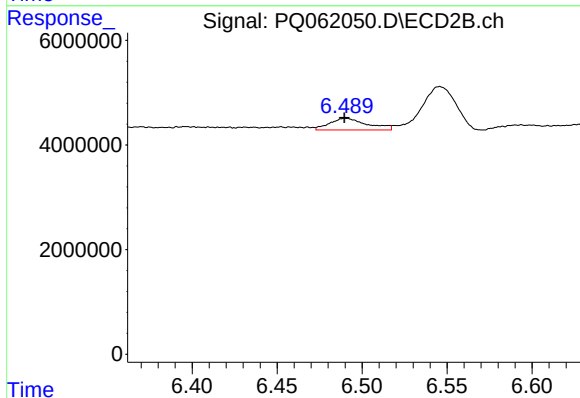
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 2547377
Conc: 16.42 ng/ml



#41 AR-1268-1

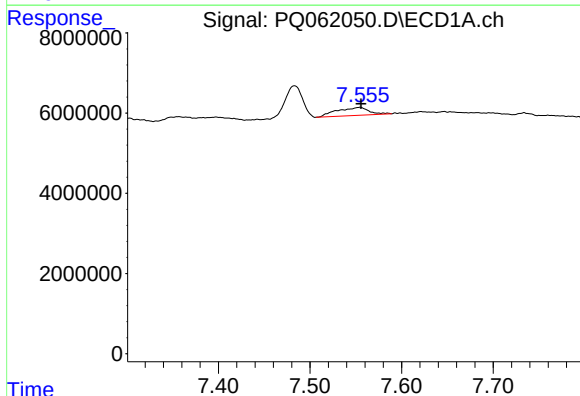
R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 10757399
Conc: 18.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



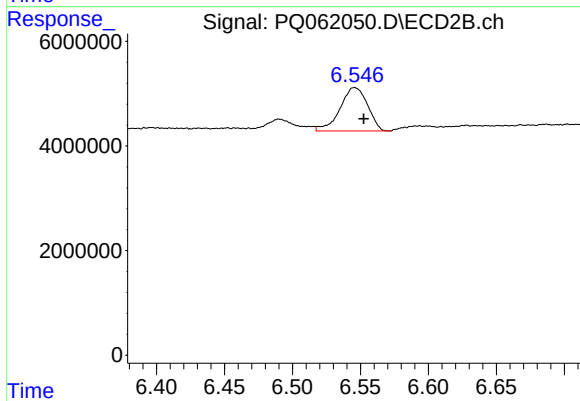
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 3455845
Conc: 7.34 ng/ml



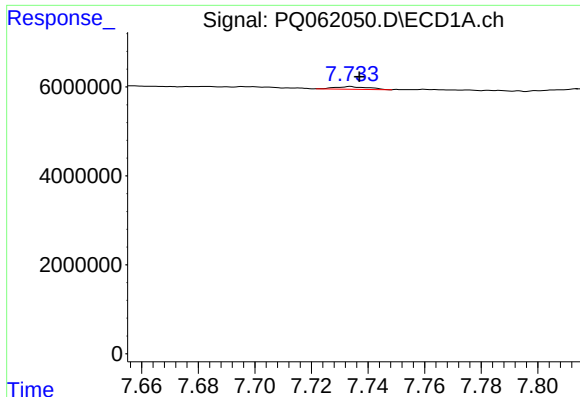
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.001 min
Response: 4918217
Conc: 9.65 ng/ml



#42 AR-1268-2

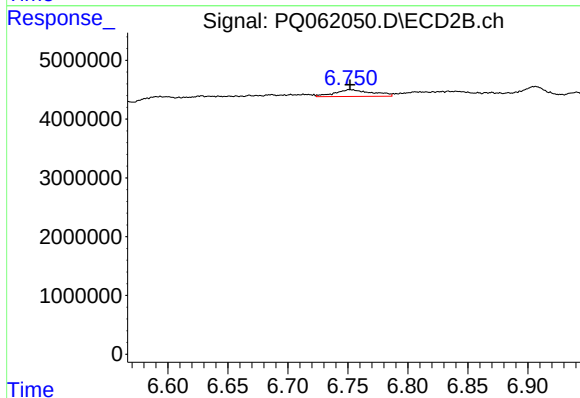
R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 11687609
Conc: 27.58 ng/ml



#43 AR-1268-3

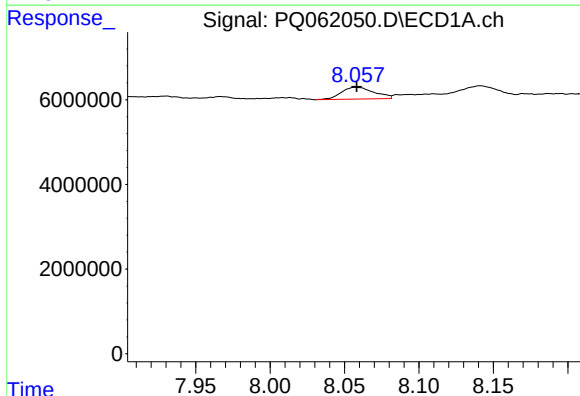
R.T.: 7.734 min
Delta R.T.: -0.003 min
Response: 488331
Conc: 1.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



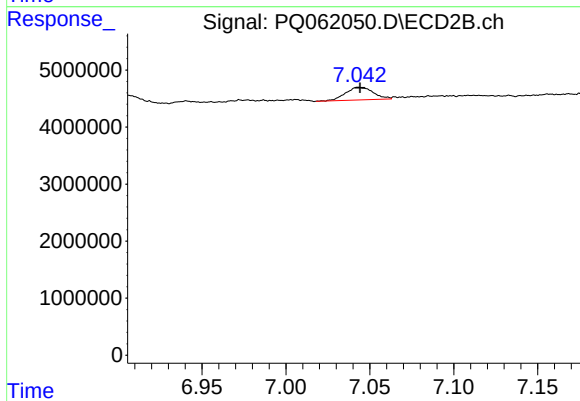
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2464880
Conc: 6.69 ng/ml



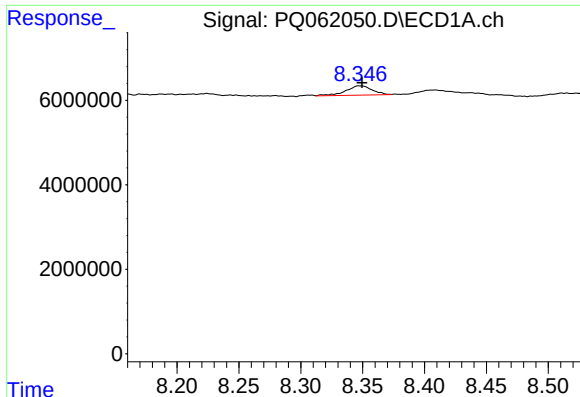
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 4275400
Conc: 23.36 ng/ml



#44 AR-1268-4

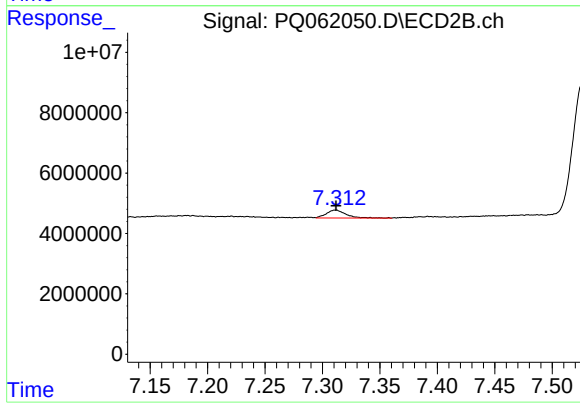
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 2547377
Conc: 15.93 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.002 min
Response: 3268501
Conc: 2.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 3068819
Conc: 2.63 ng/ml