

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052523\
 Data File : PQ061280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 11:00
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 13:02:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 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...	3.410	2.760	243.1E6	142.6E6	48.512	49.358
2)	SA Decachlor...	8.595	7.537	155.6E6	152.5E6	40.219	41.888
Target Compounds							
3)	L1 AR-1016-1	4.511	3.763	85337548	56060055	480.898	499.114
4)	L1 AR-1016-2	4.530	3.778	123.6E6	80749879	470.504	495.660
5)	L1 AR-1016-3	4.588	3.939	77045714	43668465	469.356	511.808
6)	L1 AR-1016-4	4.680	3.988	64143730	38015565	480.778	509.475
7)	L1 AR-1016-5	4.967	4.183	62627345	47839583	469.401	522.211
8)	L2 AR-1221-1	3.607	2.962	8383888	5913206	127.754	149.948
9)	L2 AR-1221-2	3.689	3.038	12339884	8151617	251.581	271.120
10)	L2 AR-1221-3	3.759	3.106	45480027	29441847	308.089	320.010
11)	L3 AR-1232-1	3.759	3.106	45480027	29441847	408.773	432.588
12)	L3 AR-1232-2	4.252	3.778	63003807	80749879	964.847	1050.334
13)	L3 AR-1232-3	4.530	3.939	123.6E6	43668465	1011.000	1089.733
14)	L3 AR-1232-4	4.680	4.024	64143730	41659540	1017.591	1183.399
15)	L3 AR-1232-5	4.777	4.183	49960696	47839583	1109.093	1155.454
16)	L4 AR-1242-1	4.511	3.763	85337548	56060055	604.594	632.633
17)	L4 AR-1242-2	4.530	3.778	123.6E6	80749879	600.647	640.859
18)	L4 AR-1242-3	4.588	3.939	77045714	43668465	592.400	645.433
19)	L4 AR-1242-4	4.680	4.024	64143730	41659540	586.964	633.894
20)	L4 AR-1242-5	5.400	4.519	3121798	39744380	28.364	433.595 #
21)	L5 AR-1248-1	4.511	3.763	85337548	56060055	697.073	724.033
22)	L5 AR-1248-2	4.777	3.988	49960696	38015565	303.206	329.443
23)	L5 AR-1248-3	4.967	4.024	62627345	41659540	311.795	376.643
24)	L5 AR-1248-4	5.360	4.183	10980047	47839583	48.348	349.499 #
25)	L5 AR-1248-5	5.400	4.557	3121798	8098957	14.132	58.381 #
26)	L6 AR-1254-1	5.333	4.519	52152007	39744380	258.885	219.615
27)	L6 AR-1254-2	5.552	4.666	54874290	39171686	174.690	237.696 #
28)	L6 AR-1254-3	5.904	5.048	30362693	20409652	93.223	79.140
29)	L6 AR-1254-4	6.187	5.274	26030293	8392984	107.287	51.352 #
30)	L6 AR-1254-5	6.601	5.679	160.4E6	141.4E6	581.664	555.120
31)	L7 AR-1260-1	6.069	5.177	114.9E6	93188881	458.011	500.375
32)	L7 AR-1260-2	6.330	5.367	142.3E6	113.8E6	470.704	499.545
33)	L7 AR-1260-3	6.683	5.508	82764061	106.2E6	439.317	500.231
34)	L7 AR-1260-4	6.901	5.970	95991984	80148949	426.562	507.672
35)	L7 AR-1260-5	7.212	6.217	187.3E6	180.0E6	427.901	495.496
36)	L8 AR-1262-1	6.683	5.723	82764061	78580968	262.665	316.040
37)	L8 AR-1262-2	7.212	6.217	187.3E6	180.0E6	342.649	394.623
38)	L8 AR-1262-3	7.490	6.496	118.7E6	36814633	325.428	197.012 #
39)	L8 AR-1262-4	7.562	6.553	26853292	133.1E6	95.962	383.180 #
40)	L8 AR-1262-5	8.066	7.052	40362398	42945336	216.908	254.972
41)	L9 AR-1268-1	7.490	6.496	118.7E6	36814633	193.277	69.164 #

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 Acq On : 26 May 2023 11:00
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

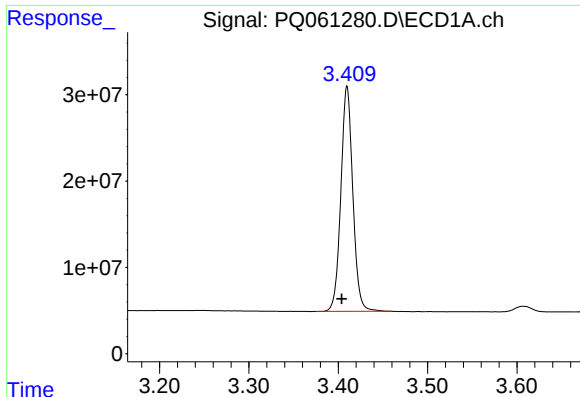
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 13:02:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 2023
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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	7.562	6.553	26853292	133.1E6	48.359	275.399 #
43) L9	AR-1268-3	7.744	6.759	3066513	3622814	6.622	8.654 #
44) L9	AR-1268-4	8.066	7.052	40362398	42945336	198.847	231.966
45) L9	AR-1268-5	8.360	7.321	13011379	15159756	9.543	11.251

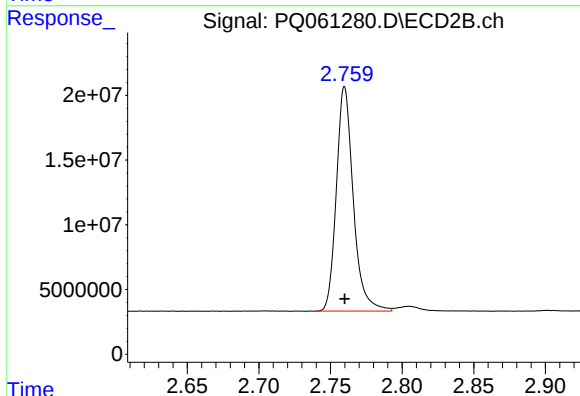
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

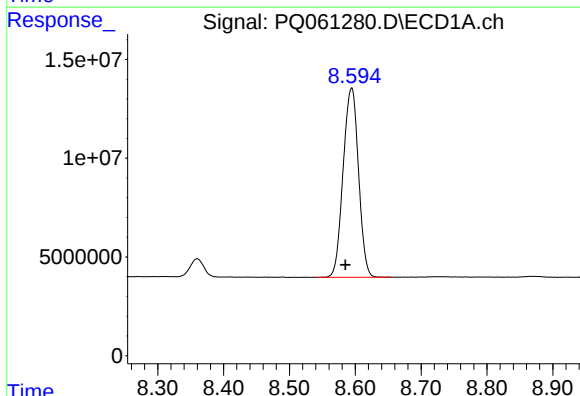
R.T.: 3.410 min
Delta R.T.: 0.006 min
Response: 243078404
Conc: 48.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



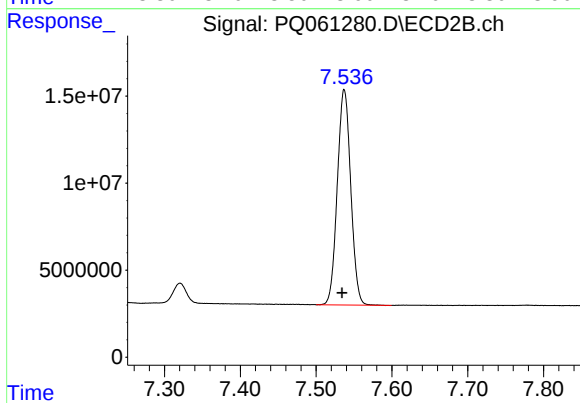
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 142592912
Conc: 49.36 ng/ml



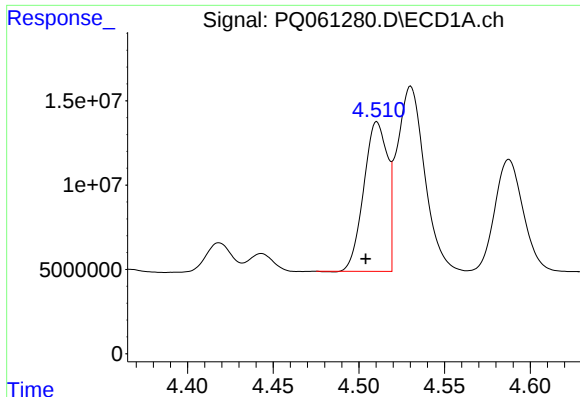
#2 Decachlorobiphenyl

R.T.: 8.595 min
Delta R.T.: 0.010 min
Response: 155568542
Conc: 40.22 ng/ml



#2 Decachlorobiphenyl

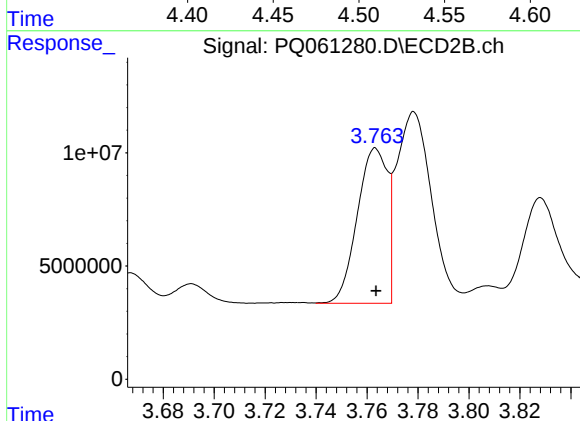
R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 152531548
Conc: 41.89 ng/ml



#3 AR-1016-1

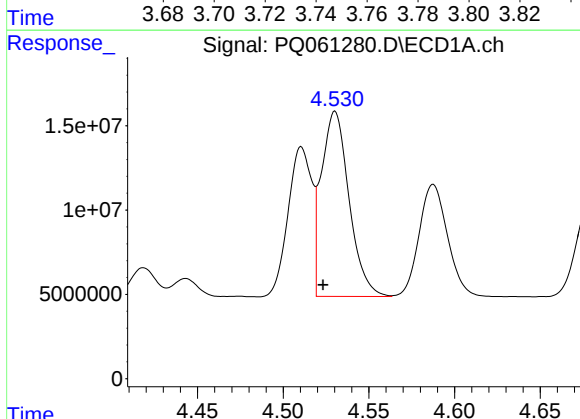
R.T.: 4.511 min
Delta R.T.: 0.006 min
Response: 85337548
Conc: 480.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



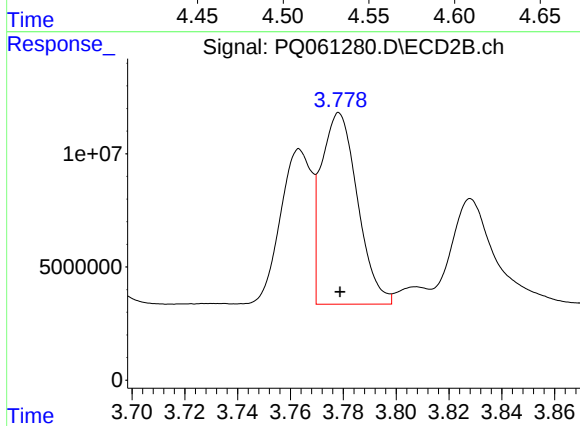
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 56060055
Conc: 499.11 ng/ml



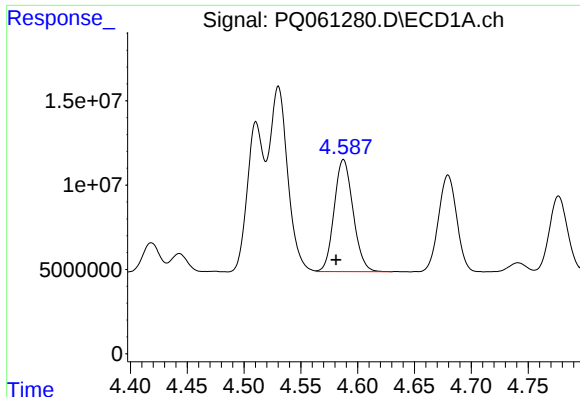
#4 AR-1016-2

R.T.: 4.530 min
Delta R.T.: 0.007 min
Response: 123590942
Conc: 470.50 ng/ml



#4 AR-1016-2

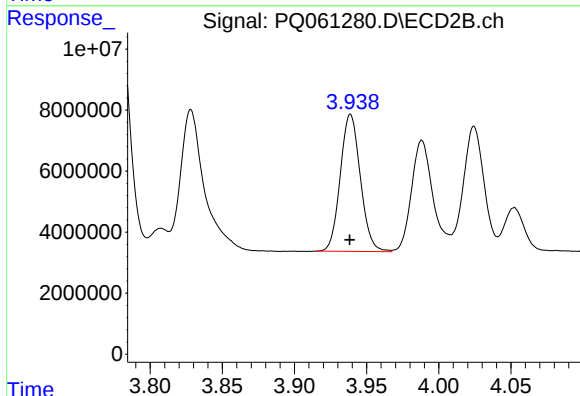
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 80749879
Conc: 495.66 ng/ml



#5 AR-1016-3

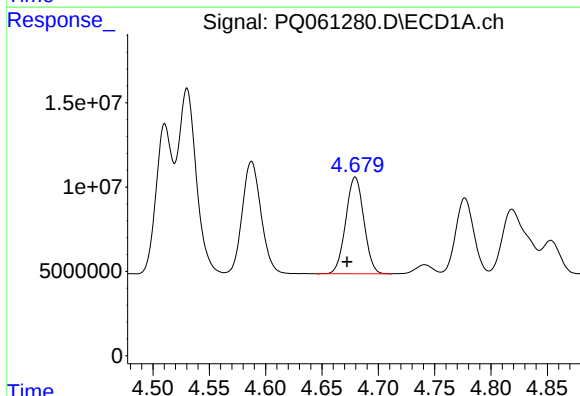
R.T.: 4.588 min
Delta R.T.: 0.007 min
Response: 77045714
Conc: 469.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



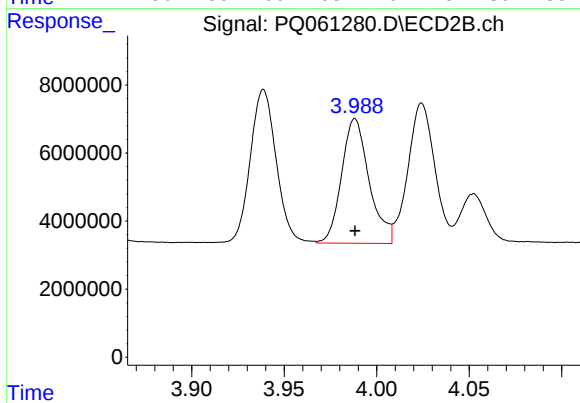
#5 AR-1016-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 43668465
Conc: 511.81 ng/ml



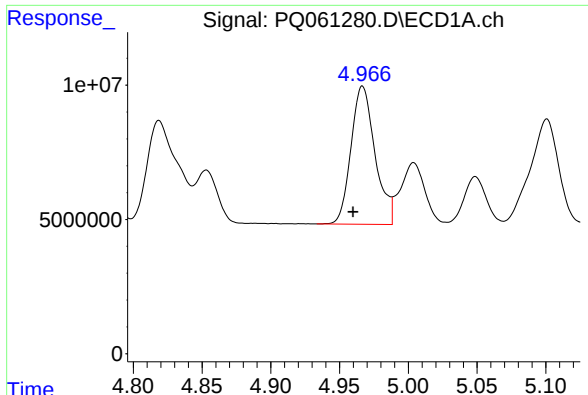
#6 AR-1016-4

R.T.: 4.680 min
Delta R.T.: 0.007 min
Response: 64143730
Conc: 480.78 ng/ml



#6 AR-1016-4

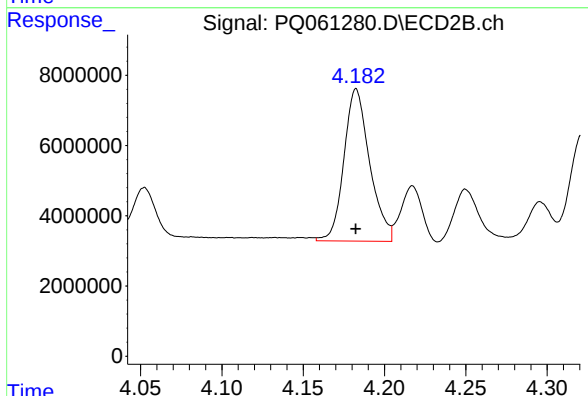
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 38015565
Conc: 509.47 ng/ml



#7 AR-1016-5

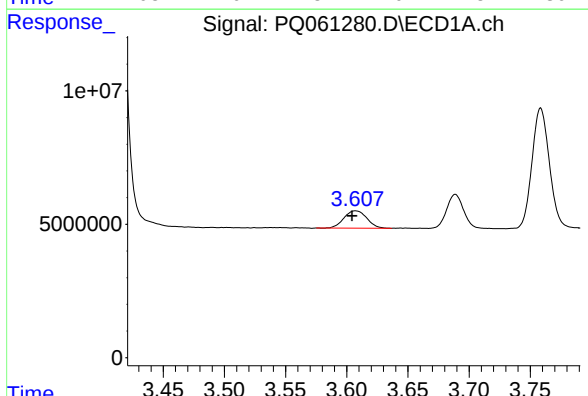
R.T.: 4.967 min
Delta R.T.: 0.007 min
Response: 62627345
Conc: 469.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



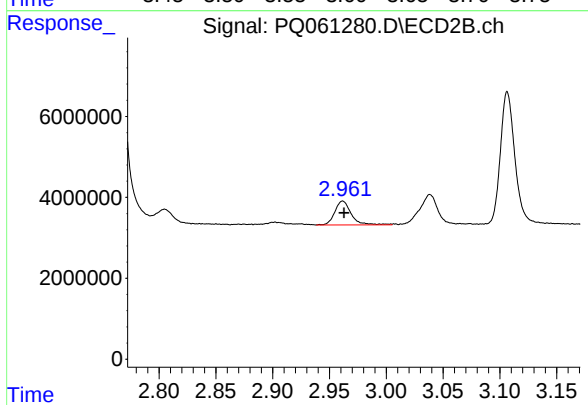
#7 AR-1016-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 47839583
Conc: 522.21 ng/ml



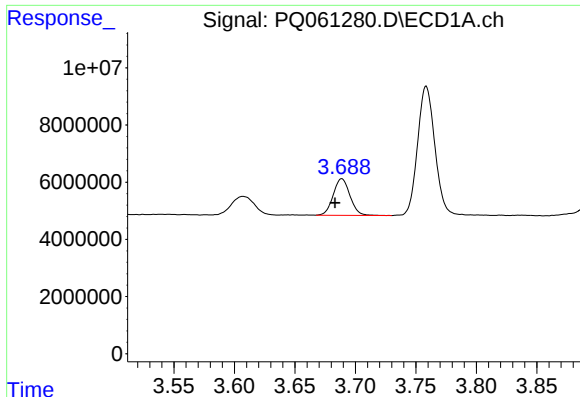
#8 AR-1221-1

R.T.: 3.607 min
Delta R.T.: 0.003 min
Response: 8383888
Conc: 127.75 ng/ml



#8 AR-1221-1

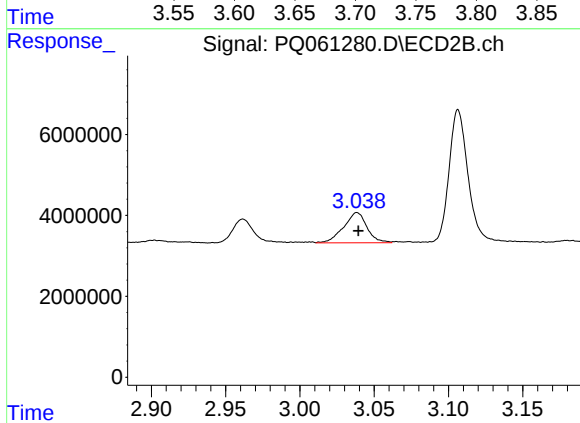
R.T.: 2.962 min
Delta R.T.: -0.001 min
Response: 5913206
Conc: 149.95 ng/ml



#9 AR-1221-2

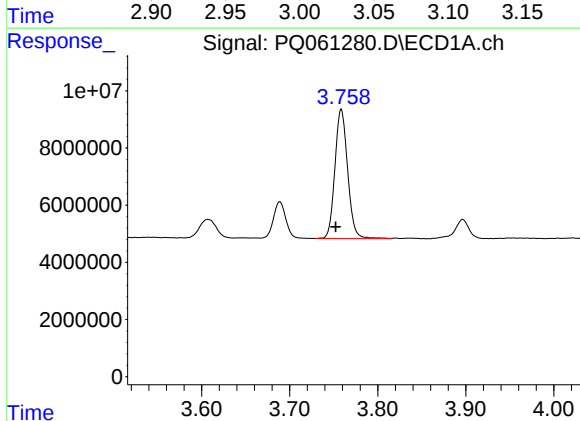
R.T.: 3.689 min
Delta R.T.: 0.006 min
Response: 12339884
Conc: 251.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



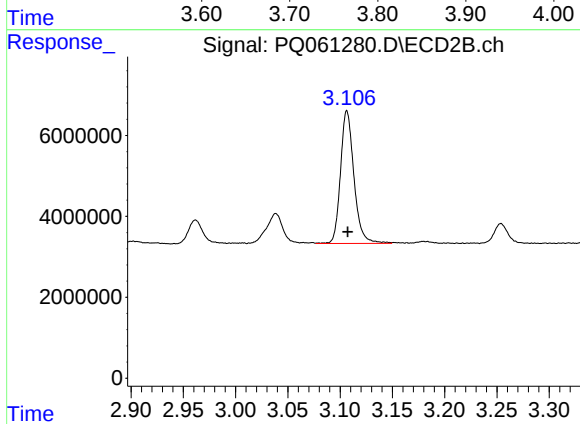
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: -0.001 min
Response: 8151617
Conc: 271.12 ng/ml



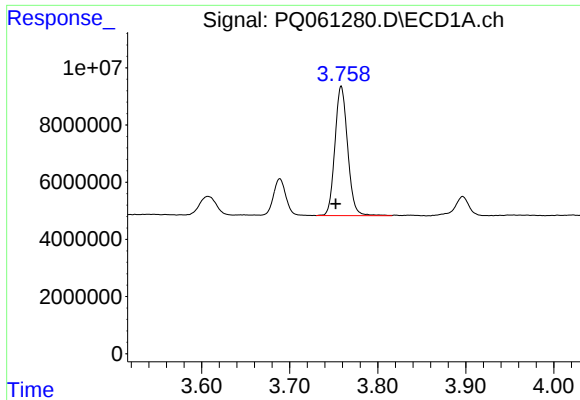
#10 AR-1221-3

R.T.: 3.759 min
Delta R.T.: 0.006 min
Response: 45480027
Conc: 308.09 ng/ml



#10 AR-1221-3

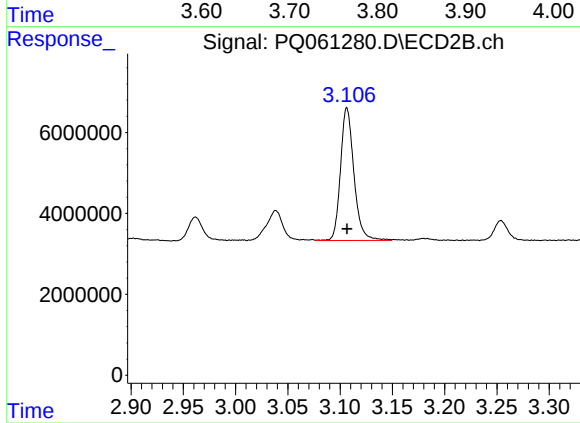
R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 29441847
Conc: 320.01 ng/ml



#11 AR-1232-1

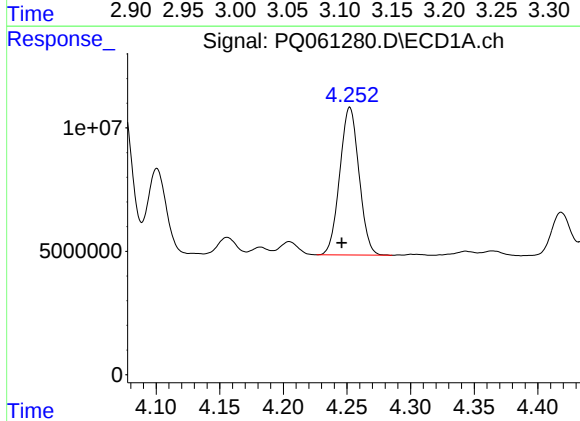
R.T.: 3.759 min
Delta R.T.: 0.006 min
Response: 45480027
Conc: 408.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



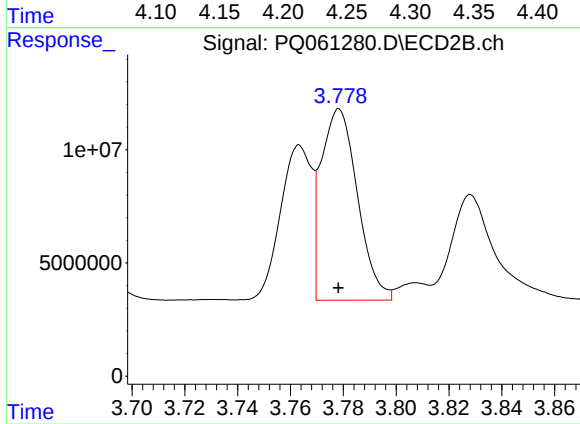
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 29441847
Conc: 432.59 ng/ml



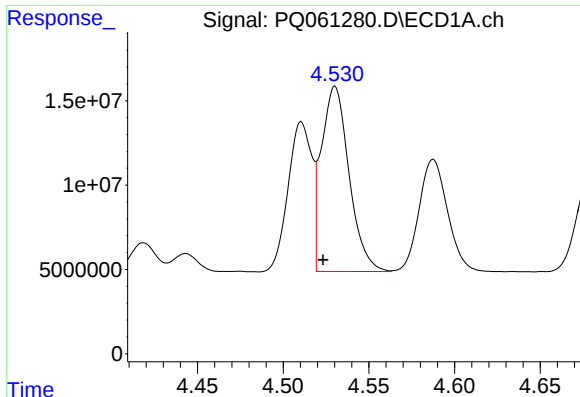
#12 AR-1232-2

R.T.: 4.252 min
Delta R.T.: 0.006 min
Response: 63003807
Conc: 964.85 ng/ml



#12 AR-1232-2

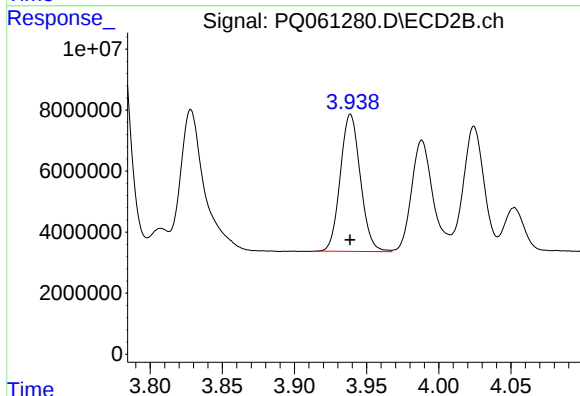
R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 80749879
Conc: 1050.33 ng/ml



#13 AR-1232-3

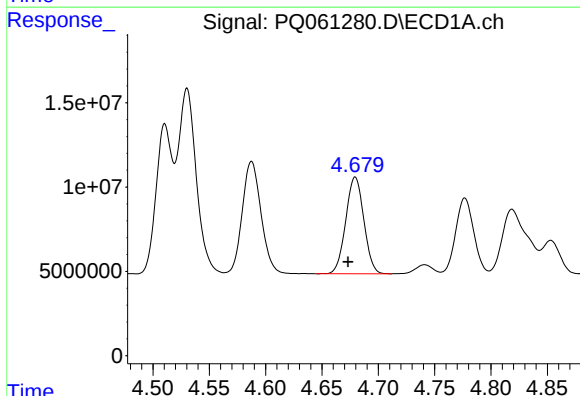
R.T.: 4.530 min
Delta R.T.: 0.007 min
Response: 123590942
Conc: 1011.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



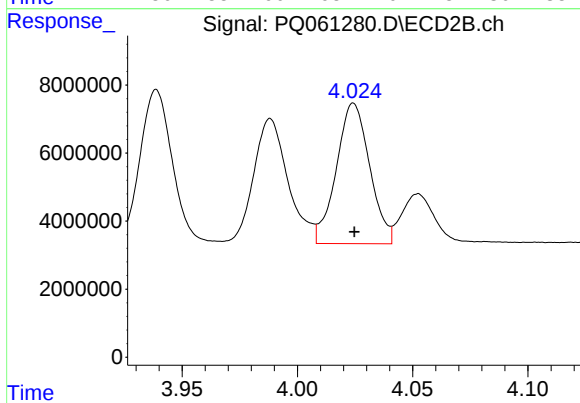
#13 AR-1232-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 43668465
Conc: 1089.73 ng/ml



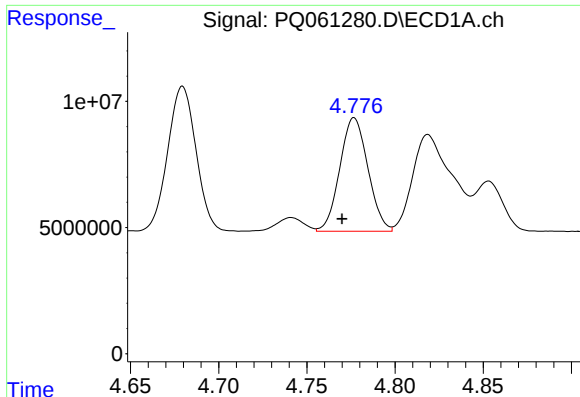
#14 AR-1232-4

R.T.: 4.680 min
Delta R.T.: 0.006 min
Response: 64143730
Conc: 1017.59 ng/ml



#14 AR-1232-4

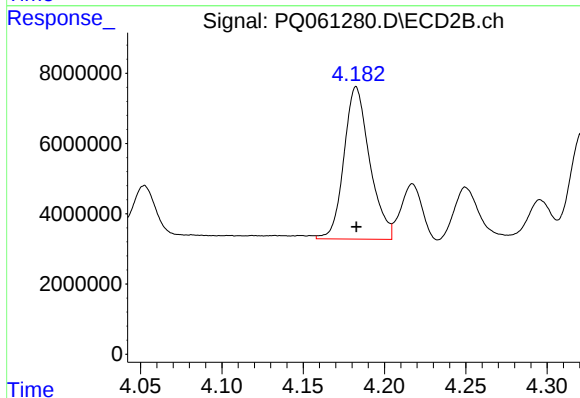
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 41659540
Conc: 1183.40 ng/ml



#15 AR-1232-5

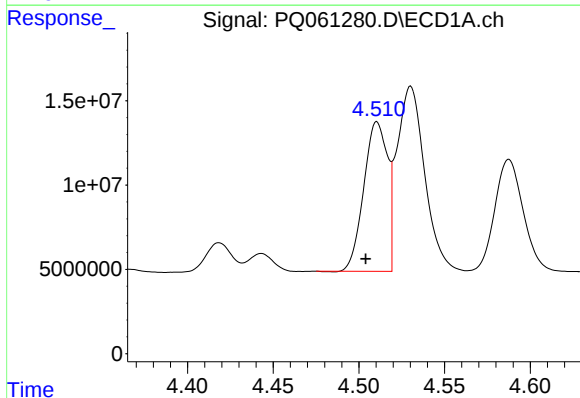
R.T.: 4.777 min
Delta R.T.: 0.007 min
Response: 49960696
Conc: 1109.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



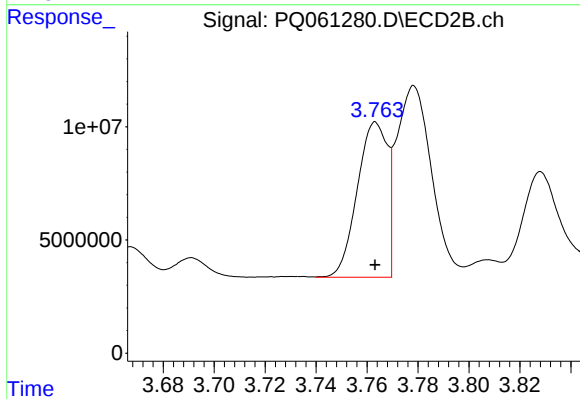
#15 AR-1232-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 47839583
Conc: 1155.45 ng/ml



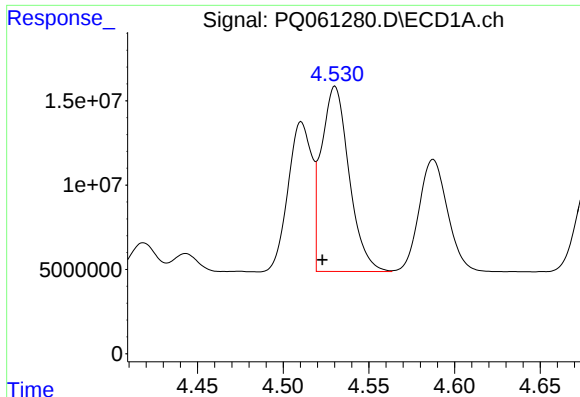
#16 AR-1242-1

R.T.: 4.511 min
Delta R.T.: 0.007 min
Response: 85337548
Conc: 604.59 ng/ml



#16 AR-1242-1

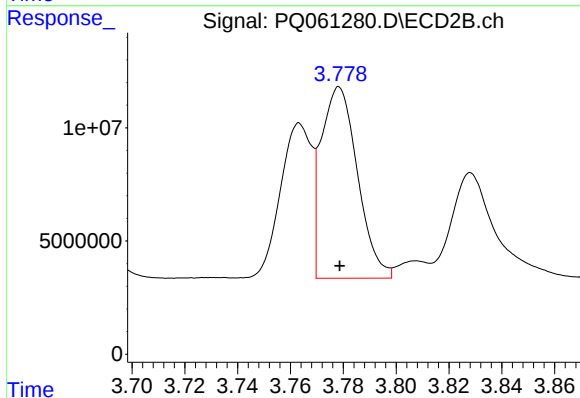
R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 56060055
Conc: 632.63 ng/ml



#17 AR-1242-2

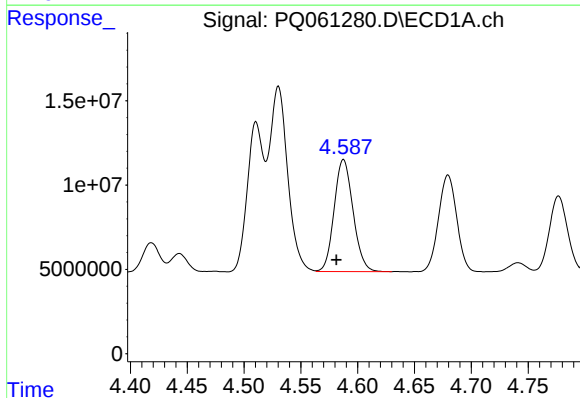
R.T.: 4.530 min
Delta R.T.: 0.007 min
Response: 123590942
Conc: 600.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



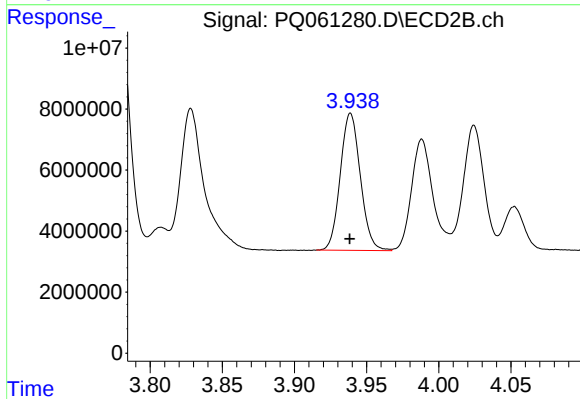
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 80749879
Conc: 640.86 ng/ml



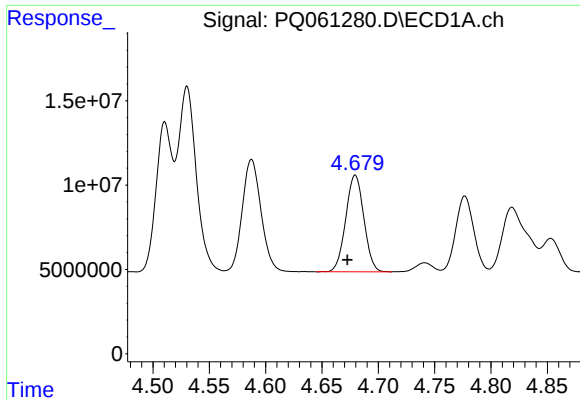
#18 AR-1242-3

R.T.: 4.588 min
Delta R.T.: 0.006 min
Response: 77045714
Conc: 592.40 ng/ml



#18 AR-1242-3

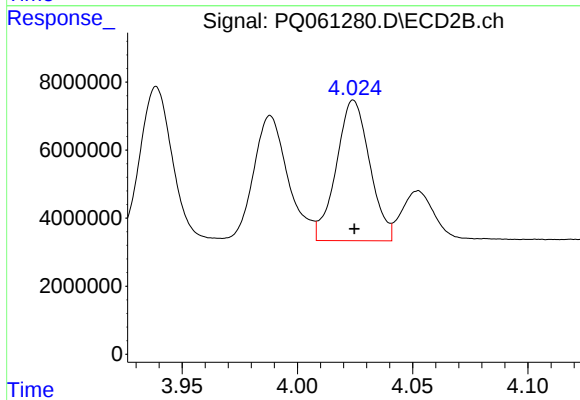
R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 43668465
Conc: 645.43 ng/ml



#19 AR-1242-4

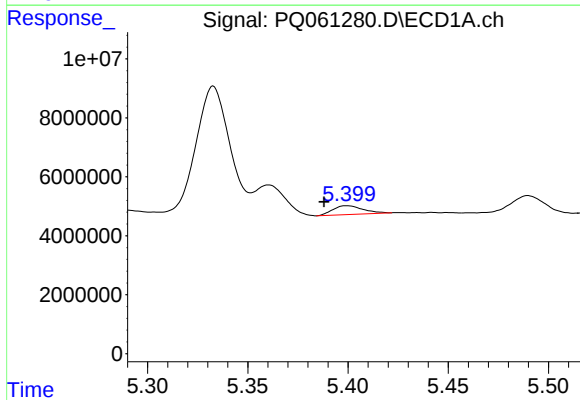
R.T.: 4.680 min
Delta R.T.: 0.007 min
Response: 64143730
Conc: 586.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



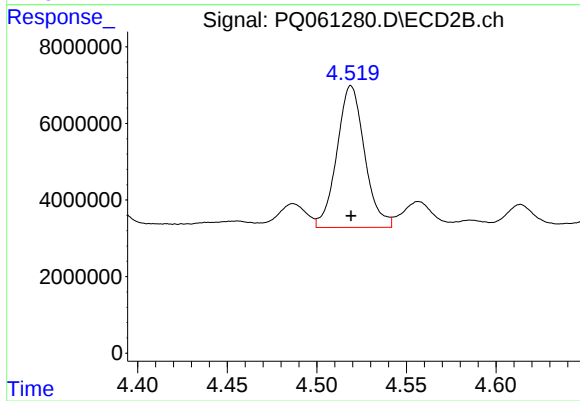
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 41659540
Conc: 633.89 ng/ml



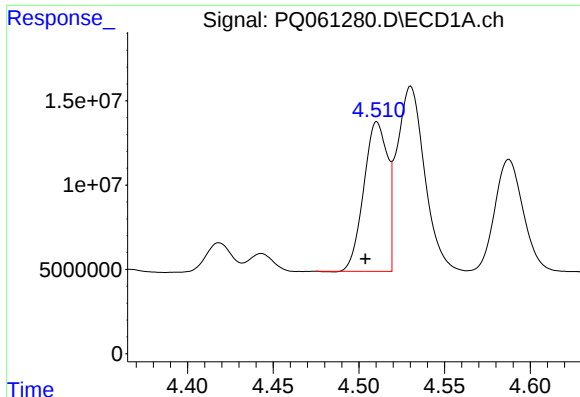
#20 AR-1242-5

R.T.: 5.400 min
Delta R.T.: 0.011 min
Response: 3121798
Conc: 28.36 ng/ml



#20 AR-1242-5

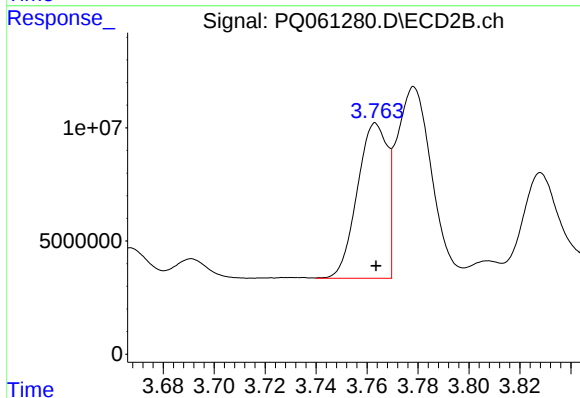
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 39744380
Conc: 433.60 ng/ml



#21 AR-1248-1

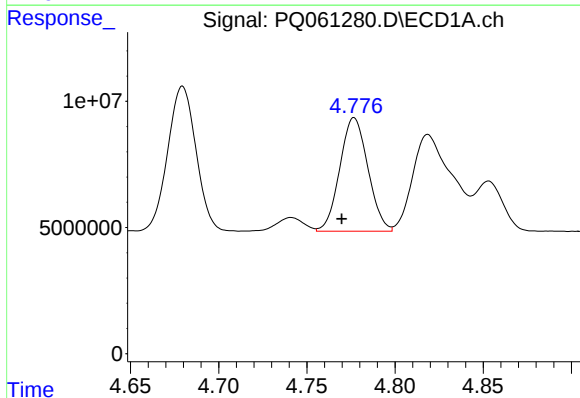
R.T.: 4.511 min
Delta R.T.: 0.007 min
Response: 85337548
Conc: 697.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



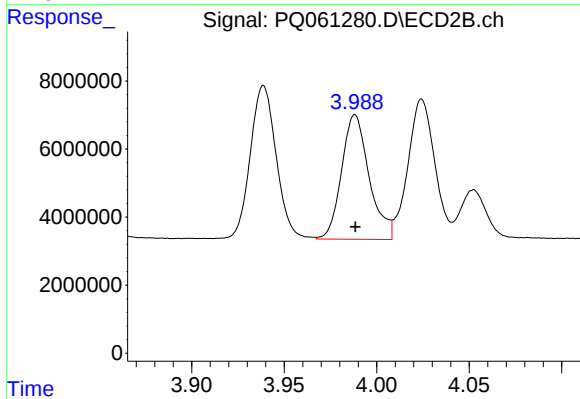
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 56060055
Conc: 724.03 ng/ml



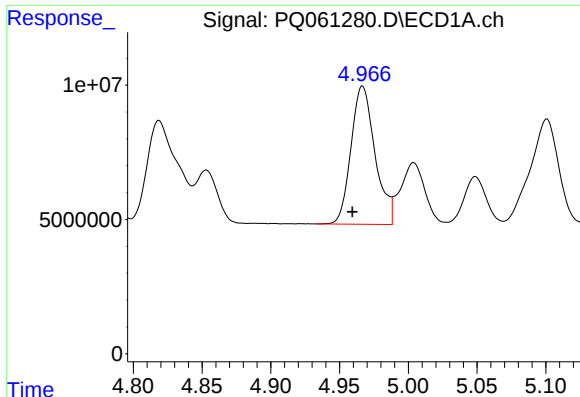
#22 AR-1248-2

R.T.: 4.777 min
Delta R.T.: 0.007 min
Response: 49960696
Conc: 303.21 ng/ml



#22 AR-1248-2

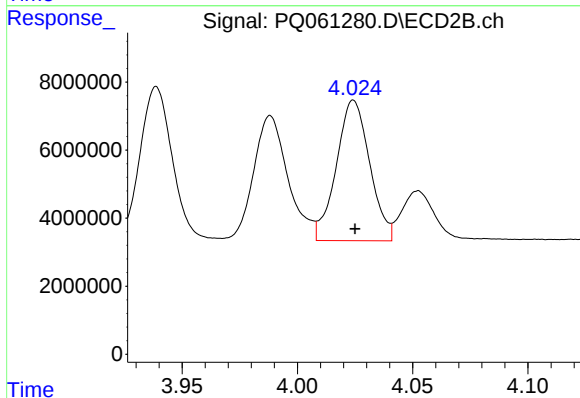
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 38015565
Conc: 329.44 ng/ml



#23 AR-1248-3

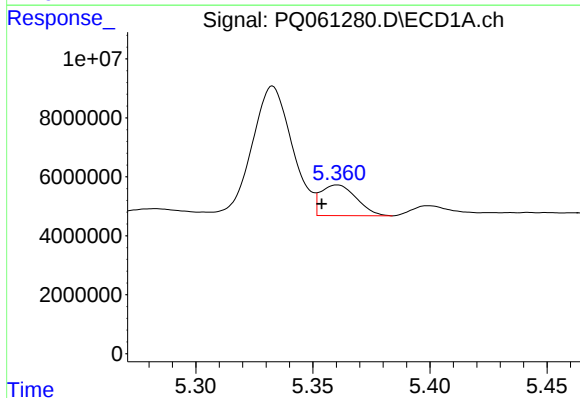
R.T.: 4.967 min
Delta R.T.: 0.007 min
Response: 62627345
Conc: 311.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



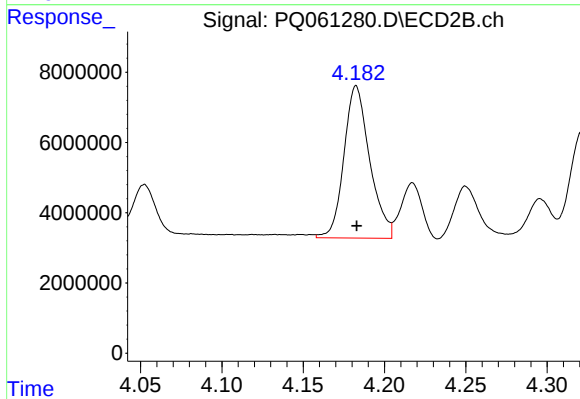
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 41659540
Conc: 376.64 ng/ml



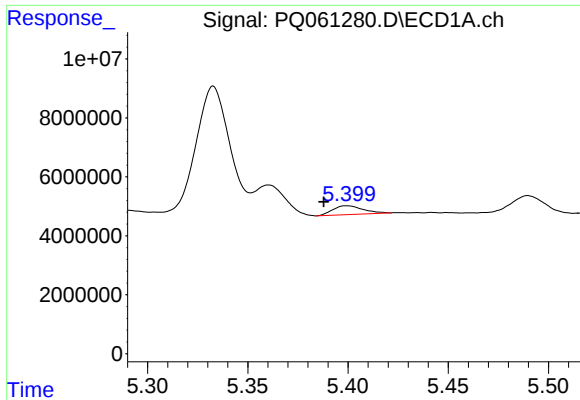
#24 AR-1248-4

R.T.: 5.360 min
Delta R.T.: 0.007 min
Response: 10980047
Conc: 48.35 ng/ml



#24 AR-1248-4

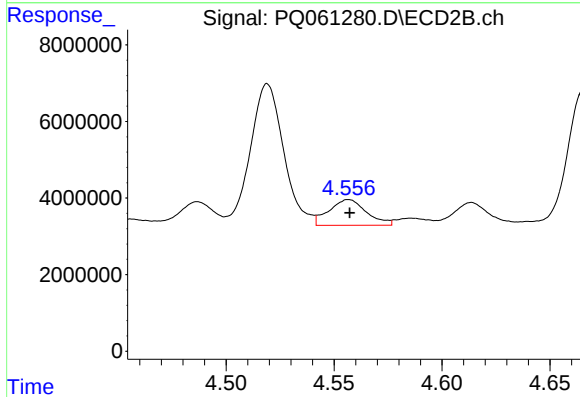
R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 47839583
Conc: 349.50 ng/ml



#25 AR-1248-5

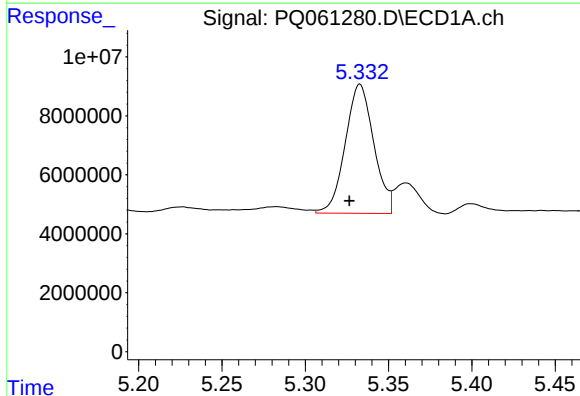
R.T.: 5.400 min
Delta R.T.: 0.012 min
Response: 3121798
Conc: 14.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



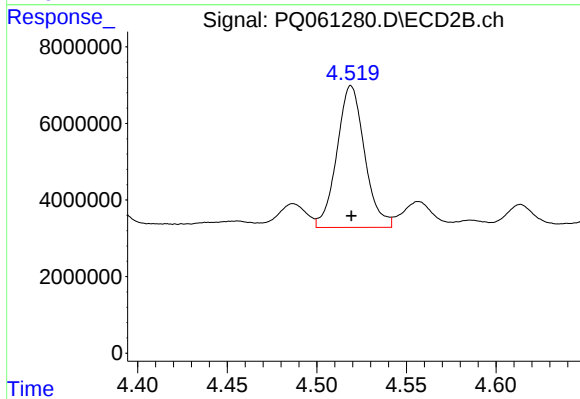
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 8098957
Conc: 58.38 ng/ml



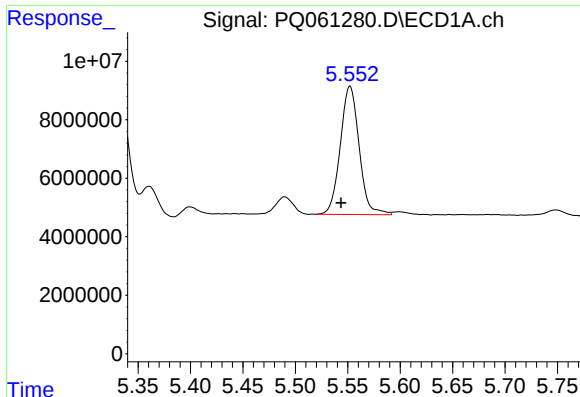
#26 AR-1254-1

R.T.: 5.333 min
Delta R.T.: 0.006 min
Response: 52152007
Conc: 258.89 ng/ml



#26 AR-1254-1

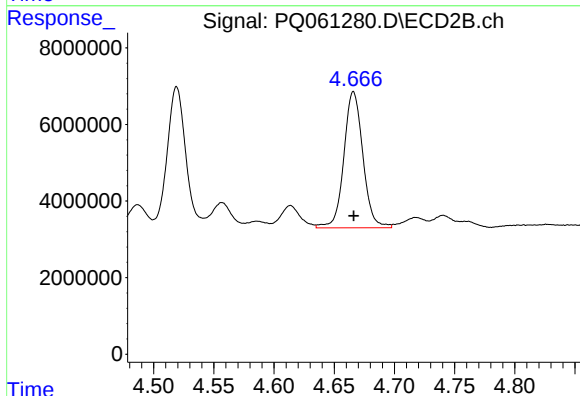
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 39744380
Conc: 219.62 ng/ml



#27 AR-1254-2

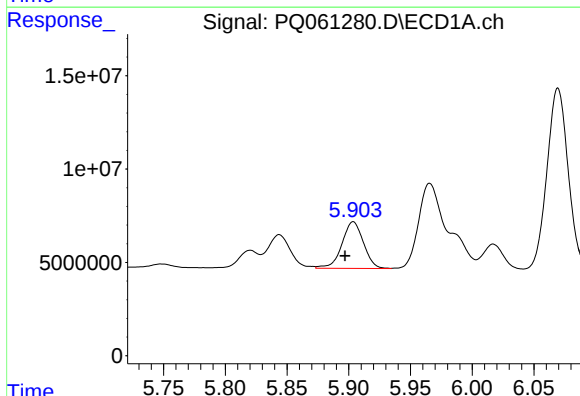
R.T.: 5.552 min
Delta R.T.: 0.009 min
Response: 54874290
Conc: 174.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



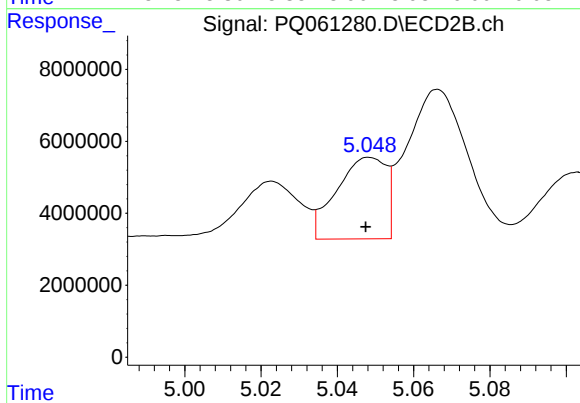
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 39171686
Conc: 237.70 ng/ml



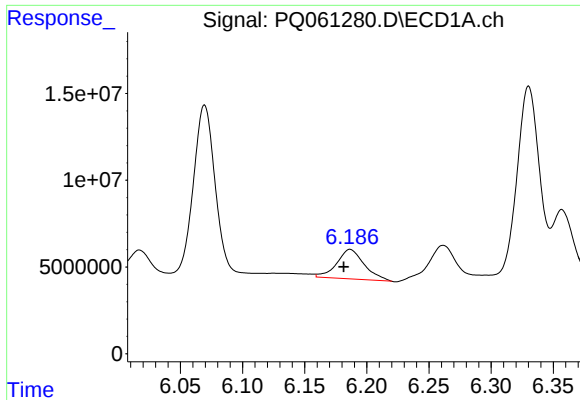
#28 AR-1254-3

R.T.: 5.904 min
Delta R.T.: 0.007 min
Response: 30362693
Conc: 93.22 ng/ml



#28 AR-1254-3

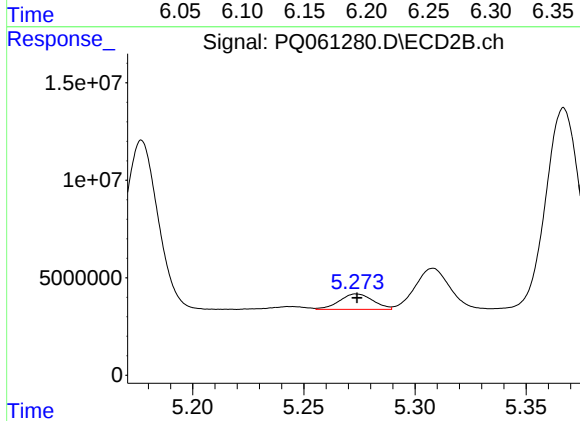
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 20409652
Conc: 79.14 ng/ml



#29 AR-1254-4

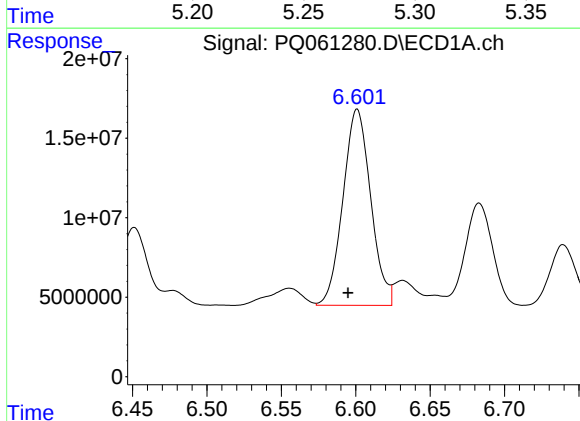
R.T.: 6.187 min
Delta R.T.: 0.005 min
Response: 26030293
Conc: 107.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



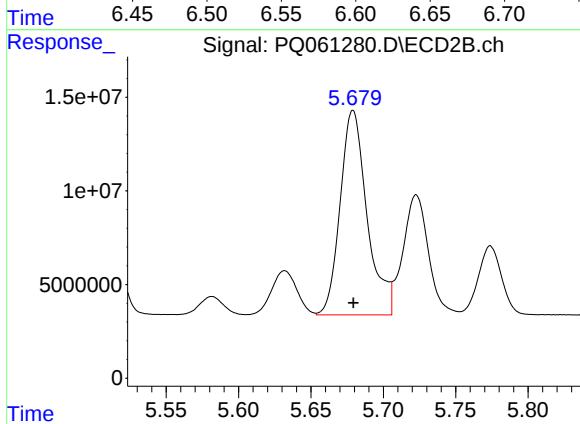
#29 AR-1254-4

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 8392984
Conc: 51.35 ng/ml



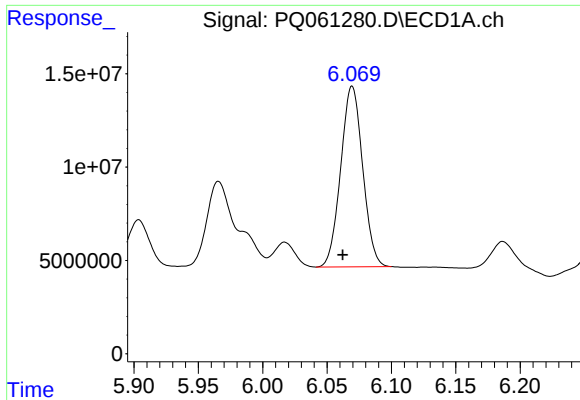
#30 AR-1254-5

R.T.: 6.601 min
Delta R.T.: 0.006 min
Response: 160414520
Conc: 581.66 ng/ml



#30 AR-1254-5

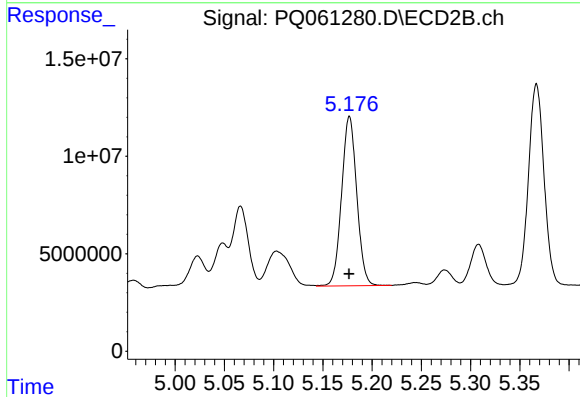
R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 141438200
Conc: 555.12 ng/ml



#31 AR-1260-1

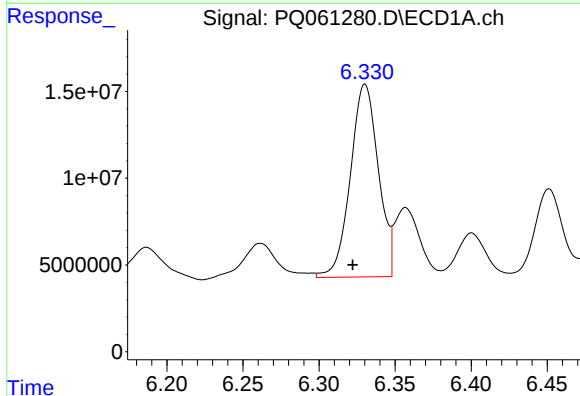
R.T.: 6.069 min
Delta R.T.: 0.007 min
Response: 114913591
Conc: 458.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



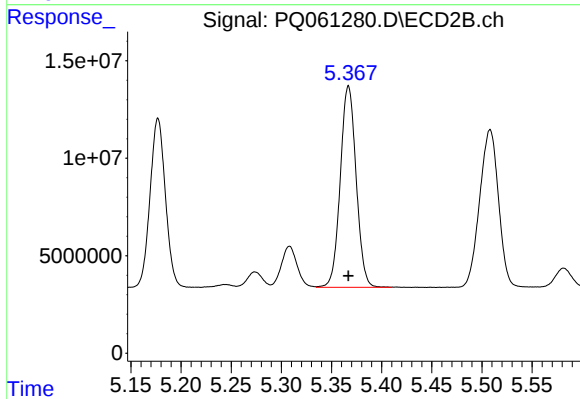
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 93188881
Conc: 500.38 ng/ml



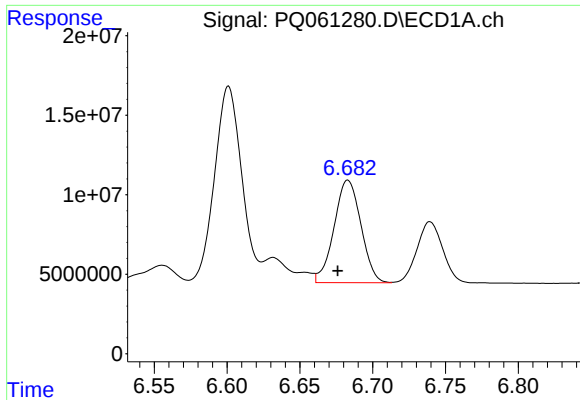
#32 AR-1260-2

R.T.: 6.330 min
Delta R.T.: 0.008 min
Response: 142322036
Conc: 470.70 ng/ml



#32 AR-1260-2

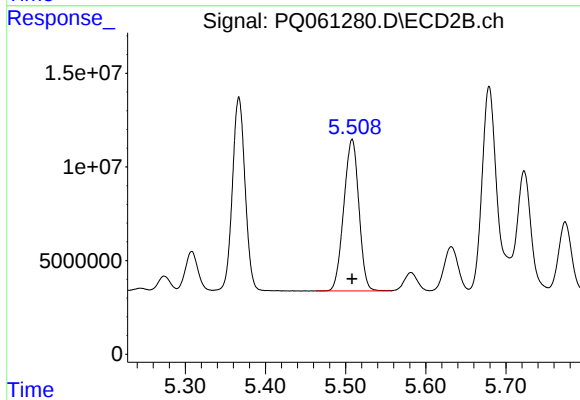
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 113813859
Conc: 499.55 ng/ml



#33 AR-1260-3

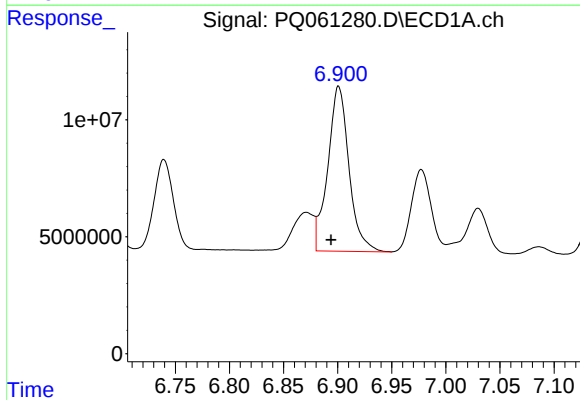
R.T.: 6.683 min
Delta R.T.: 0.007 min
Response: 82764061
Conc: 439.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



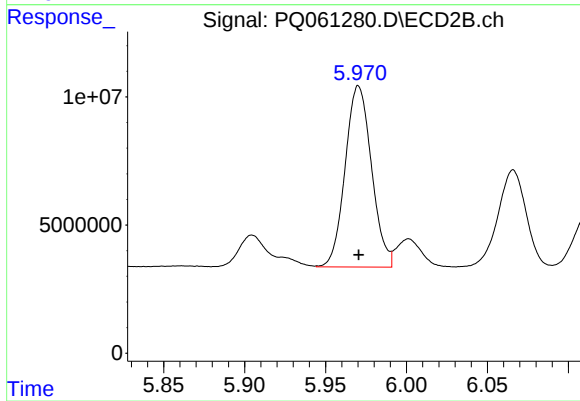
#33 AR-1260-3

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 106181156
Conc: 500.23 ng/ml



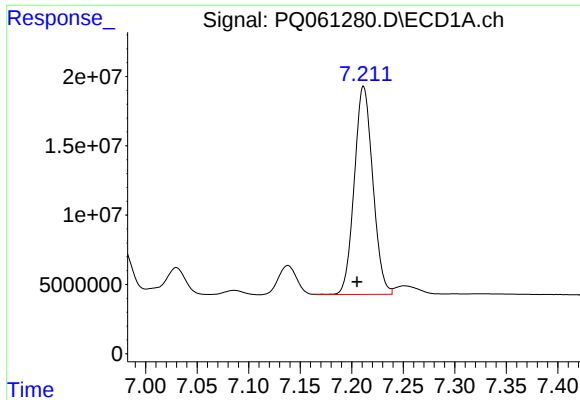
#34 AR-1260-4

R.T.: 6.901 min
Delta R.T.: 0.007 min
Response: 95991984
Conc: 426.56 ng/ml



#34 AR-1260-4

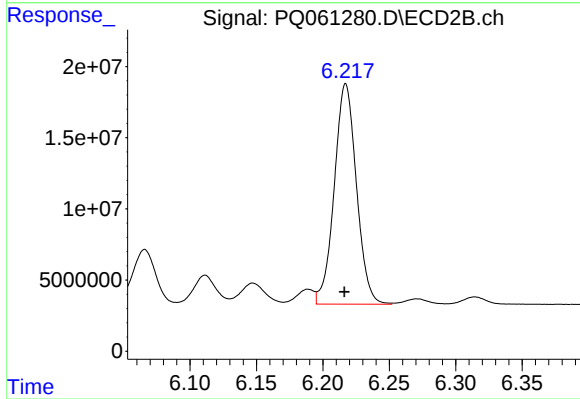
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 80148949
Conc: 507.67 ng/ml



#35 AR-1260-5

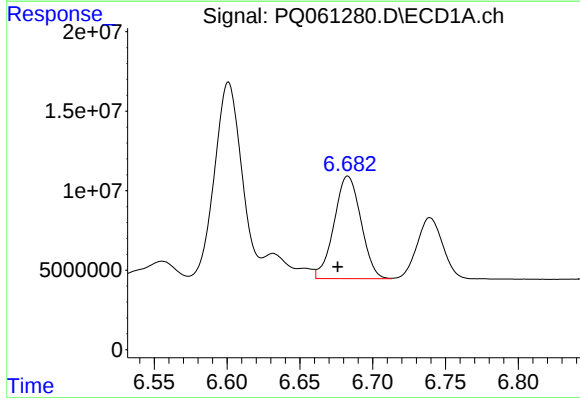
R.T.: 7.212 min
Delta R.T.: 0.006 min
Response: 187344952
Conc: 427.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



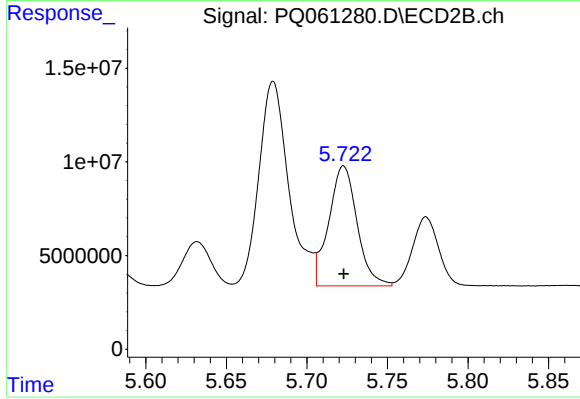
#35 AR-1260-5

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 180032691
Conc: 495.50 ng/ml



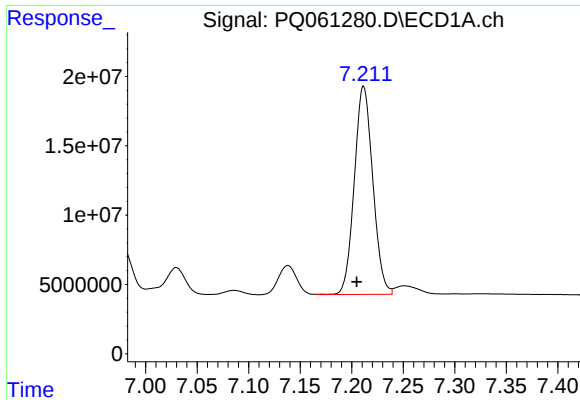
#36 AR-1262-1

R.T.: 6.683 min
Delta R.T.: 0.007 min
Response: 82764061
Conc: 262.66 ng/ml



#36 AR-1262-1

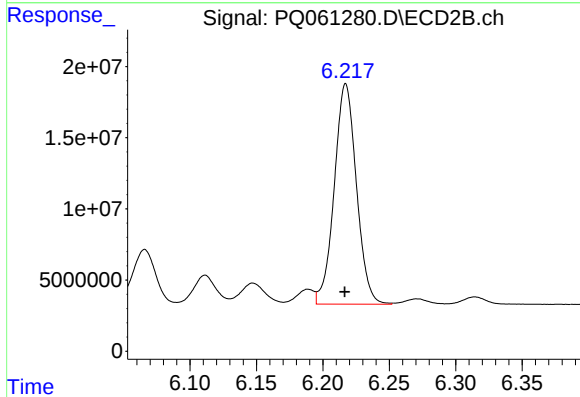
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 78580968
Conc: 316.04 ng/ml



#37 AR-1262-2

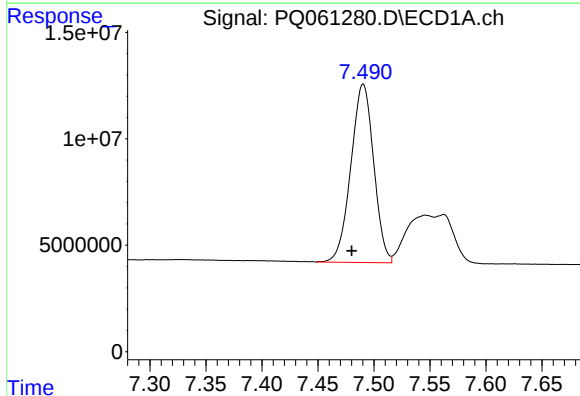
R.T.: 7.212 min
Delta R.T.: 0.007 min
Response: 187344952
Conc: 342.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



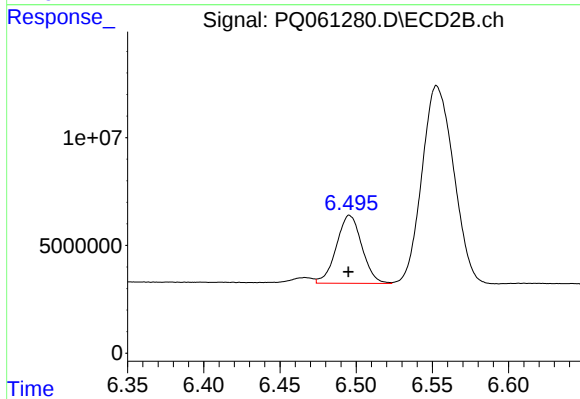
#37 AR-1262-2

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 180032691
Conc: 394.62 ng/ml



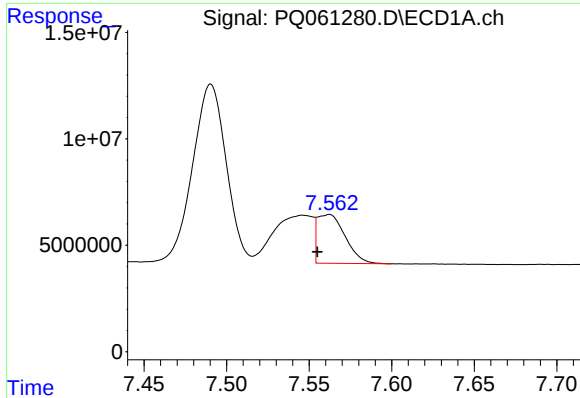
#38 AR-1262-3

R.T.: 7.490 min
Delta R.T.: 0.010 min
Response: 118650043
Conc: 325.43 ng/ml



#38 AR-1262-3

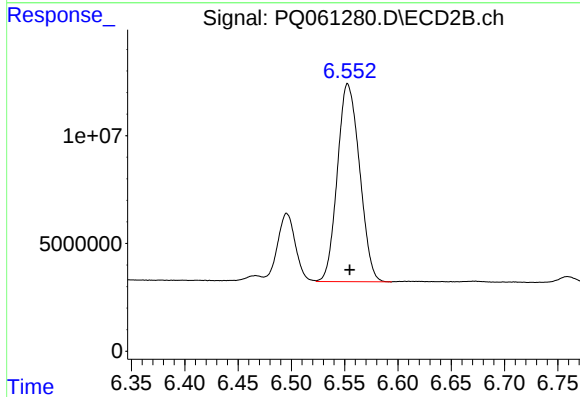
R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 36814633
Conc: 197.01 ng/ml



#39 AR-1262-4

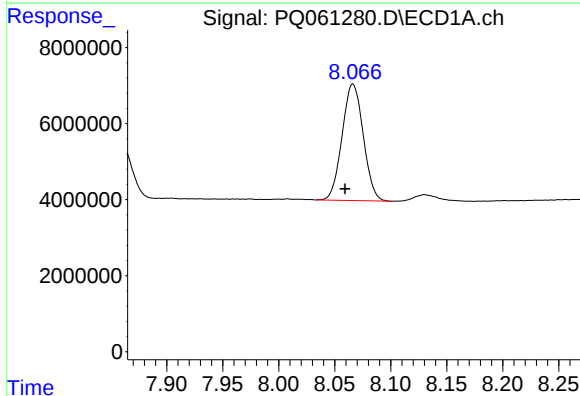
R.T.: 7.562 min
Delta R.T.: 0.007 min
Response: 26853292
Conc: 95.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



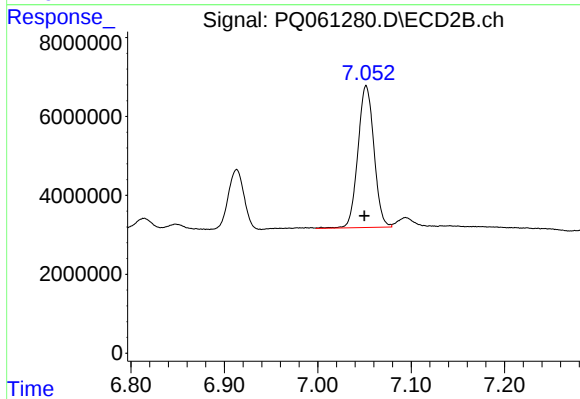
#39 AR-1262-4

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 133129162
Conc: 383.18 ng/ml



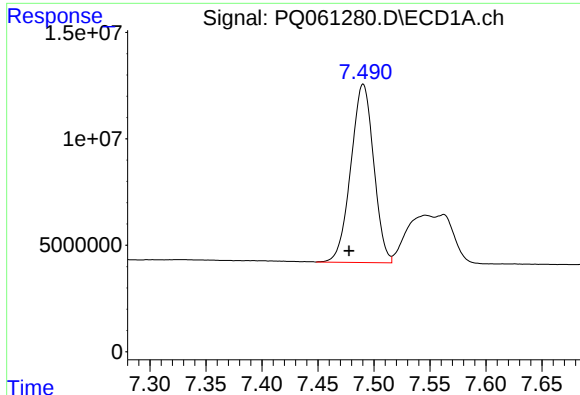
#40 AR-1262-5

R.T.: 8.066 min
Delta R.T.: 0.007 min
Response: 40362398
Conc: 216.91 ng/ml



#40 AR-1262-5

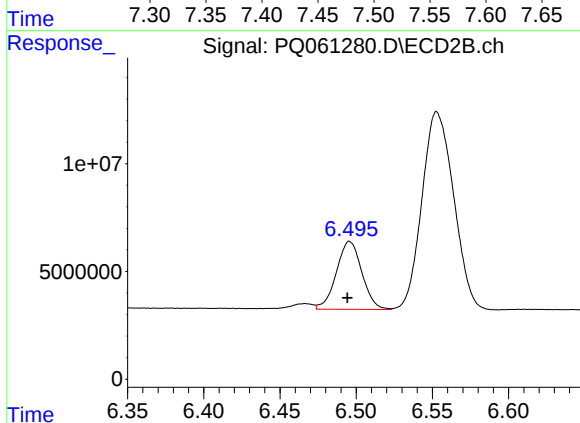
R.T.: 7.052 min
Delta R.T.: 0.002 min
Response: 42945336
Conc: 254.97 ng/ml



#41 AR-1268-1

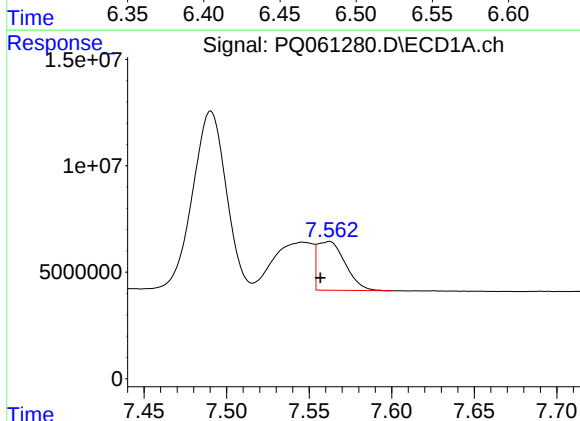
R.T.: 7.490 min
Delta R.T.: 0.013 min
Response: 118650043
Conc: 193.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



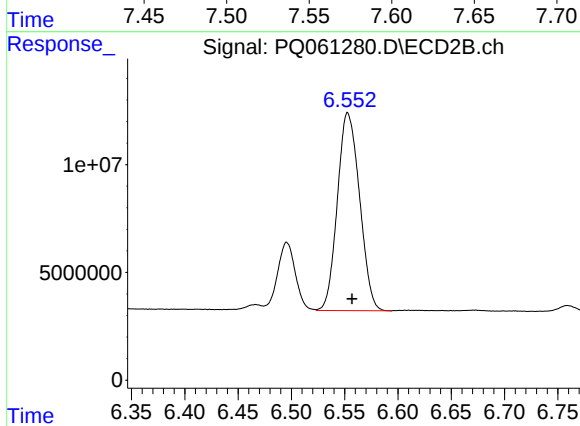
#41 AR-1268-1

R.T.: 6.496 min
Delta R.T.: 0.002 min
Response: 36814633
Conc: 69.16 ng/ml



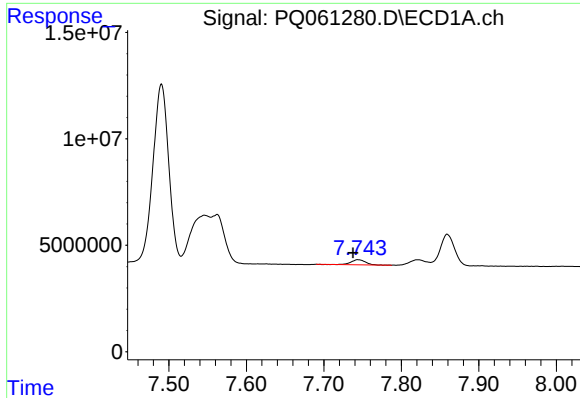
#42 AR-1268-2

R.T.: 7.562 min
Delta R.T.: 0.005 min
Response: 26853292
Conc: 48.36 ng/ml



#42 AR-1268-2

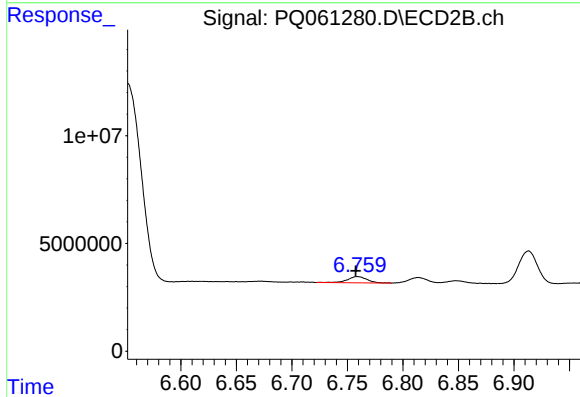
R.T.: 6.553 min
Delta R.T.: -0.004 min
Response: 133129162
Conc: 275.40 ng/ml



#43 AR-1268-3

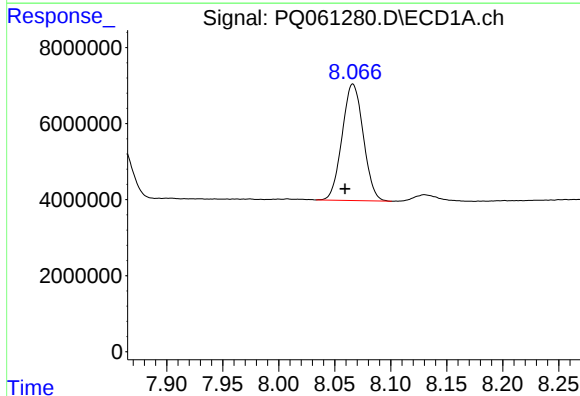
R.T.: 7.744 min
Delta R.T.: 0.006 min
Response: 3066513
Conc: 6.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



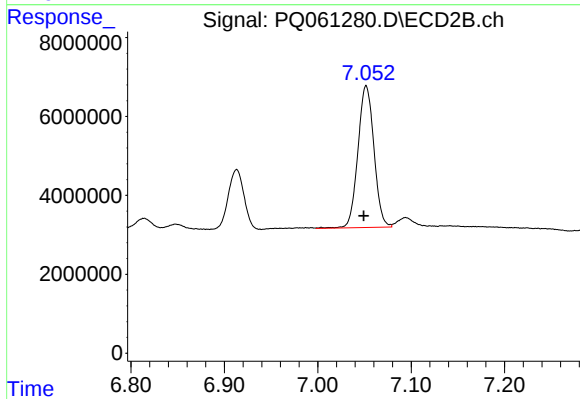
#43 AR-1268-3

R.T.: 6.759 min
Delta R.T.: 0.002 min
Response: 3622814
Conc: 8.65 ng/ml



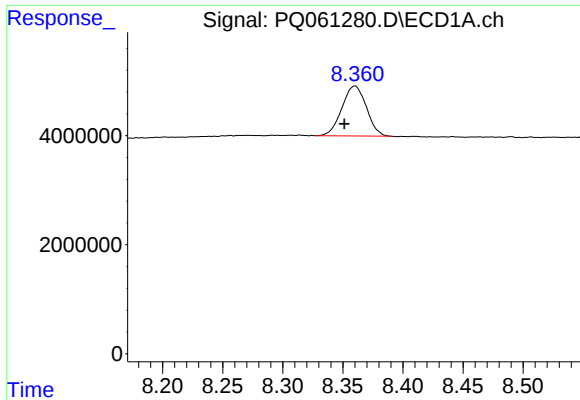
#44 AR-1268-4

R.T.: 8.066 min
Delta R.T.: 0.007 min
Response: 40362398
Conc: 198.85 ng/ml



#44 AR-1268-4

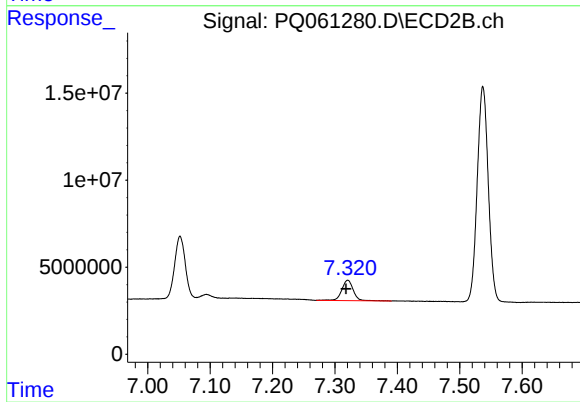
R.T.: 7.052 min
Delta R.T.: 0.003 min
Response: 42945336
Conc: 231.97 ng/ml



#45 AR-1268-5

R.T.: 8.360 min
Delta R.T.: 0.009 min
Response: 13011379
Conc: 9.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.321 min
Delta R.T.: 0.003 min
Response: 15159756
Conc: 11.25 ng/ml