

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061323\
 Data File : PQ061367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 10:14
 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: Jun 13 21:25:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.406	2.759	267.2E6	148.3E6	59.447	55.549
2)	SA Decachlor...	8.592	7.536	187.9E6	186.7E6	55.775	55.621
Target Compounds							
3)	L1 AR-1016-1	4.507	3.763	88280764	54833329	573.445	531.633
4)	L1 AR-1016-2	4.526	3.778	134.1E6	83507746	587.917	560.513
5)	L1 AR-1016-3	4.584	3.938	82366529	44091396	579.632	557.937
6)	L1 AR-1016-4	4.675	3.987	67523086	39163087	586.455	551.535
7)	L1 AR-1016-5	4.963	4.182	66631570	47371295	576.534	553.315
8)	L2 AR-1221-1	3.604	2.961	9276883	5461952	165.332	153.399
9)	L2 AR-1221-2	3.685	3.038	13595685	8012982	322.172	290.933
10)	L2 AR-1221-3	3.755	3.106	49549049	30219046	378.002	356.607
11)	L3 AR-1232-1	3.755	3.106	49549049	30219046	518.358	490.706
12)	L3 AR-1232-2	4.248	3.778	67795249	83507746	1234.083	1212.054
13)	L3 AR-1232-3	4.526	3.938	134.1E6	44091396	1284.149	1219.335
14)	L3 AR-1232-4	4.675	4.024	67523086	43004748	1272.638	1334.273
15)	L3 AR-1232-5	4.773	4.182	53741181	47371295	1425.024	1236.064
16)	L4 AR-1242-1	4.507	3.763	88280764	54833329	778.020	715.940
17)	L4 AR-1242-2	4.526	3.778	134.1E6	83507746	790.007	753.516
18)	L4 AR-1242-3	4.584	3.938	82366529	44091396	769.919	745.008
19)	L4 AR-1242-4	4.675	4.024	67523086	43004748	778.005	718.116
20)	L4 AR-1242-5	5.392	4.518	8436657	38532182	95.127	481.232 #
21)	L5 AR-1248-1	4.507	3.763	88280764	54833329	979.765	881.061
22)	L5 AR-1248-2	4.773	3.987	53741181	39163087	422.741	405.179
23)	L5 AR-1248-3	4.963	4.024	66631570	43004748	432.558	470.443
24)	L5 AR-1248-4	5.357	4.182	10040602	47371295	59.150	418.359 #
25)	L5 AR-1248-5	5.392	4.557	8436657	5554824	51.497	50.436
26)	L6 AR-1254-1	5.330	4.518	51179589	38532182	299.644	234.315
27)	L6 AR-1254-2	5.548	4.665	56721196	37642300	212.133	250.271
28)	L6 AR-1254-3	5.900	5.046	29494239	19275529	105.546	82.835
29)	L6 AR-1254-4	6.184	5.273	18583913	6705271	90.793	46.671 #
30)	L6 AR-1254-5	6.598	5.679	174.3E6	139.6E6	738.816	612.048
31)	L7 AR-1260-1	6.066	5.176	126.0E6	96587991	567.051	561.527
32)	L7 AR-1260-2	6.327	5.366	147.4E6	114.3E6	554.087	551.369
33)	L7 AR-1260-3	6.681	5.508	93191012	110.0E6	554.222	553.767
34)	L7 AR-1260-4	6.898	5.970	109.4E6	81888408	545.170	556.664
35)	L7 AR-1260-5	7.210	6.216	208.1E6	179.5E6	546.722	552.708
36)	L8 AR-1262-1	6.681	5.722	93191012	81789630	311.262	337.489
37)	L8 AR-1262-2	7.210	6.216	208.1E6	179.5E6	412.706	410.638
38)	L8 AR-1262-3	7.488	6.495	133.2E6	38820377	394.273	215.409 #
39)	L8 AR-1262-4	7.559	6.552	34547238	137.3E6	134.522	413.946 #
40)	L8 AR-1262-5	8.066	7.050	47029168	44288868	276.141	276.080
41)	L9 AR-1268-1	7.488	6.495	133.2E6	38820377	241.929	79.016 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061323\
 Data File : PQ061367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 10:14
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

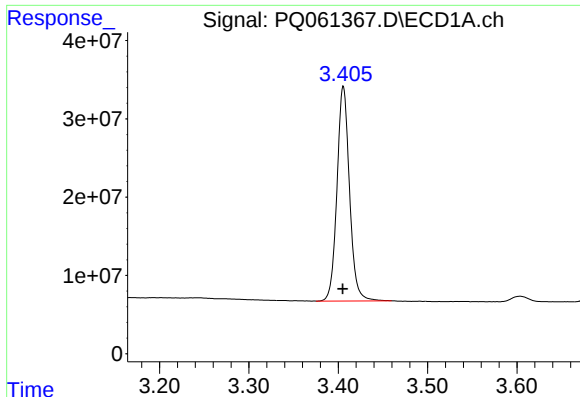
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:25:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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	7.559	6.552	34547238	137.3E6	70.113	308.564 #
43) L9	AR-1268-3	7.743	6.758	4067852	4195500	9.865	10.717
44) L9	AR-1268-4	8.066	7.050	47029168	44288868	265.690	263.814
45) L9	AR-1268-5	8.358	7.319	15334889	15378887	12.902	12.402

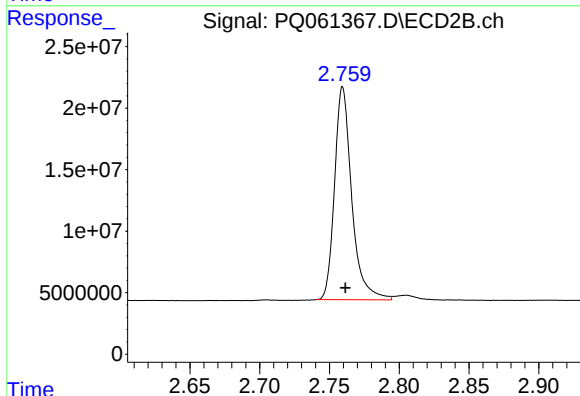
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

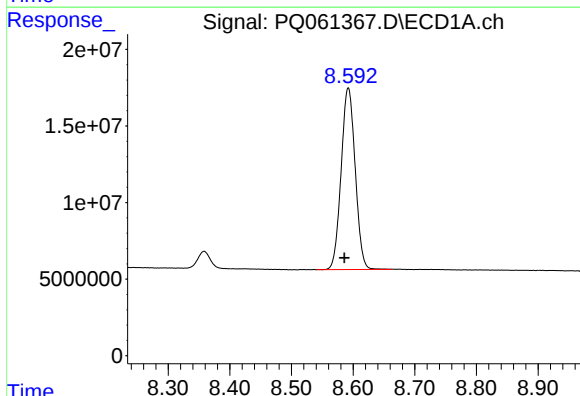
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 267217985
Conc: 59.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



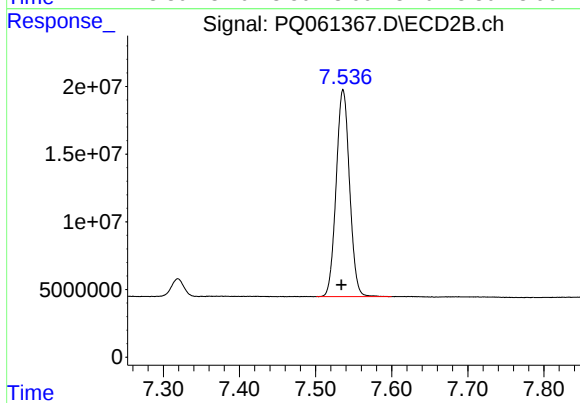
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 148336591
Conc: 55.55 ng/ml



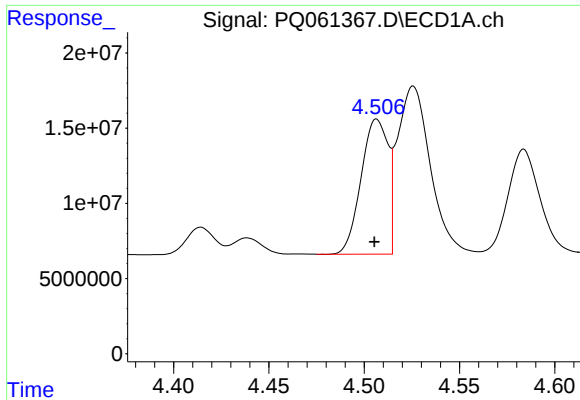
#2 Decachlorobiphenyl

R.T.: 8.592 min
Delta R.T.: 0.006 min
Response: 187888442
Conc: 55.78 ng/ml



#2 Decachlorobiphenyl

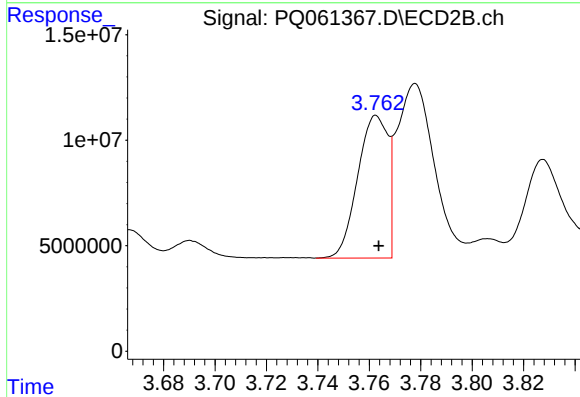
R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 186692438
Conc: 55.62 ng/ml



#3 AR-1016-1

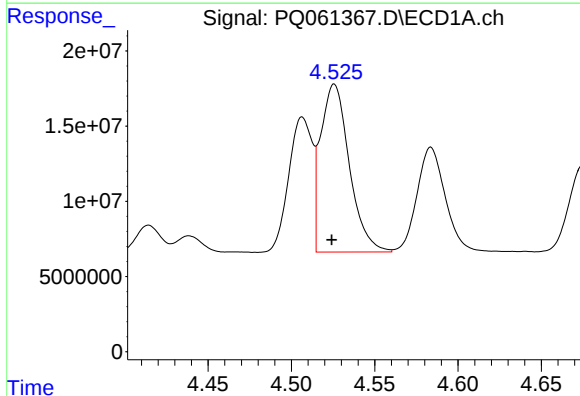
R.T.: 4.507 min
Delta R.T.: 0.001 min
Response: 88280764
Conc: 573.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



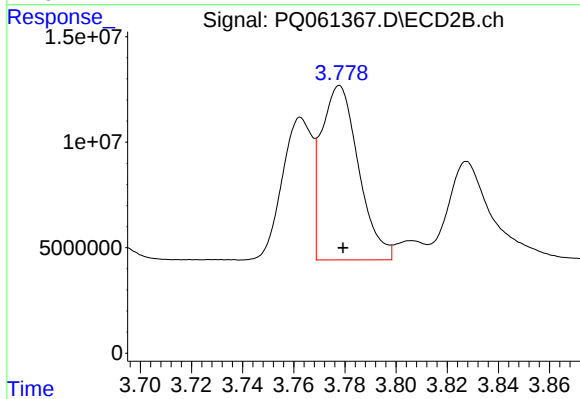
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: -0.001 min
Response: 54833329
Conc: 531.63 ng/ml



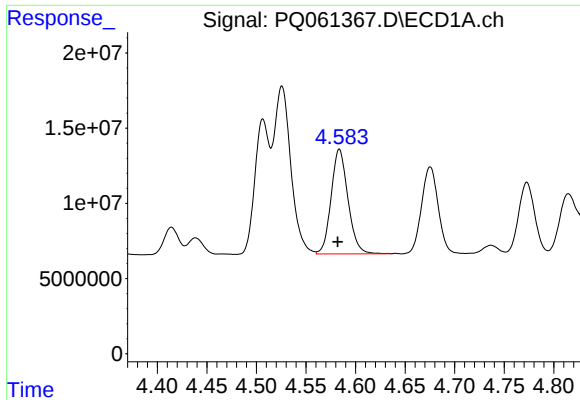
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 134141919
Conc: 587.92 ng/ml



#4 AR-1016-2

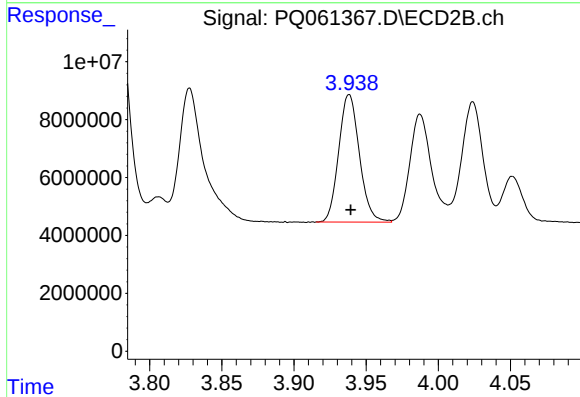
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 83507746
Conc: 560.51 ng/ml



#5 AR-1016-3

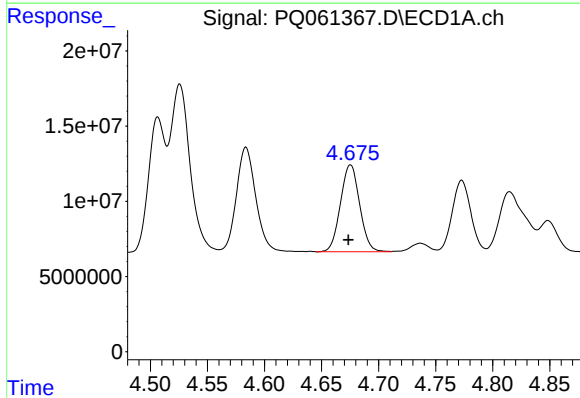
R.T.: 4.584 min
Delta R.T.: 0.002 min
Response: 82366529
Conc: 579.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



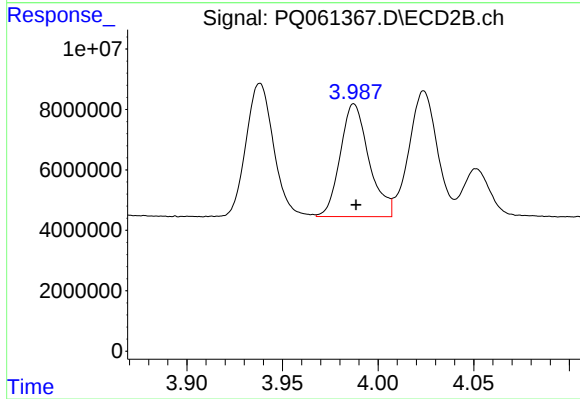
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 44091396
Conc: 557.94 ng/ml



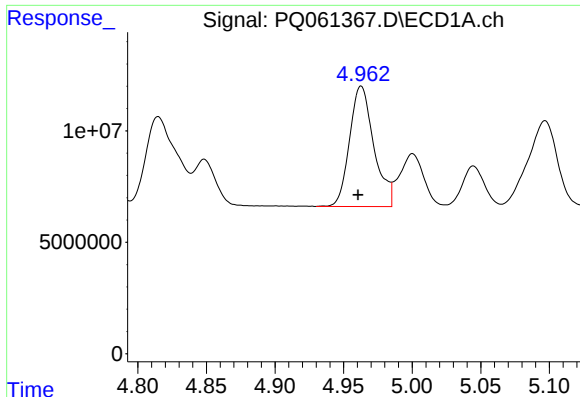
#6 AR-1016-4

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 67523086
Conc: 586.45 ng/ml



#6 AR-1016-4

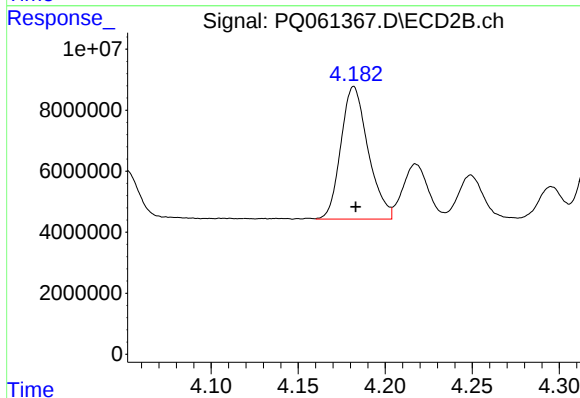
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 39163087
Conc: 551.54 ng/ml



#7 AR-1016-5

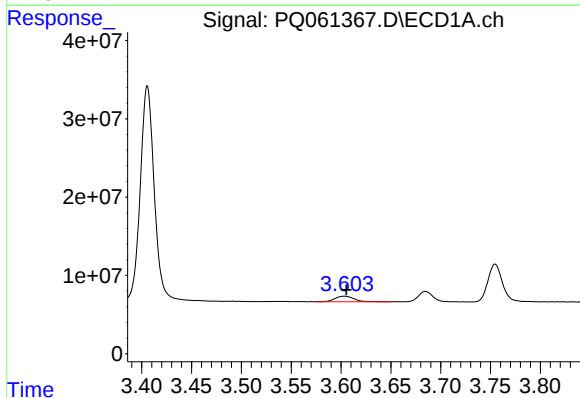
R.T.: 4.963 min
Delta R.T.: 0.002 min
Response: 66631570
Conc: 576.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



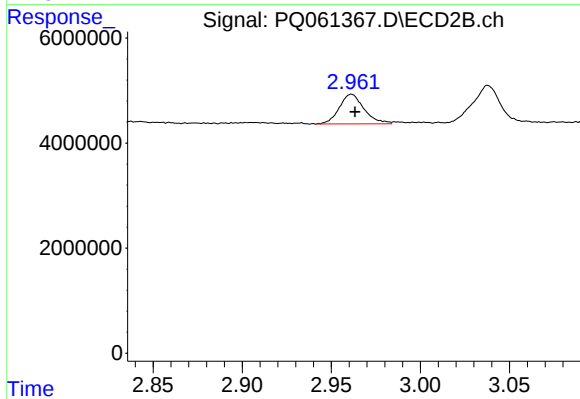
#7 AR-1016-5

R.T.: 4.182 min
Delta R.T.: -0.001 min
Response: 47371295
Conc: 553.31 ng/ml



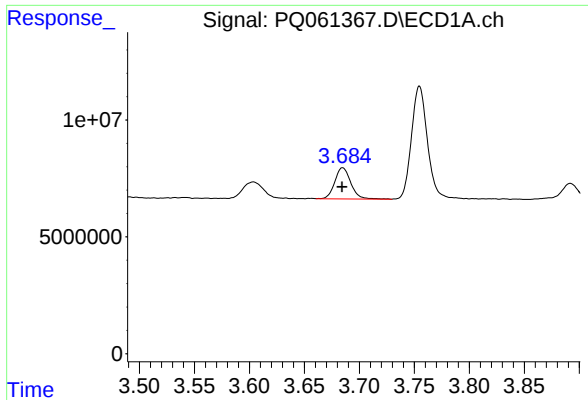
#8 AR-1221-1

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 9276883
Conc: 165.33 ng/ml



#8 AR-1221-1

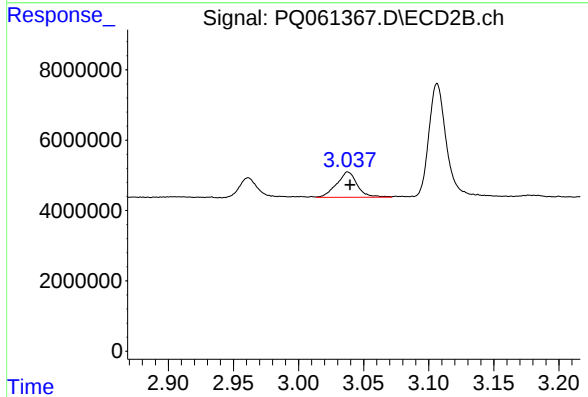
R.T.: 2.961 min
Delta R.T.: -0.002 min
Response: 5461952
Conc: 153.40 ng/ml



#9 AR-1221-2

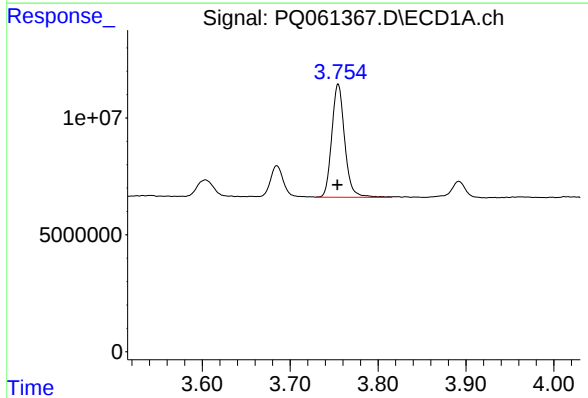
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 13595685
Conc: 322.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



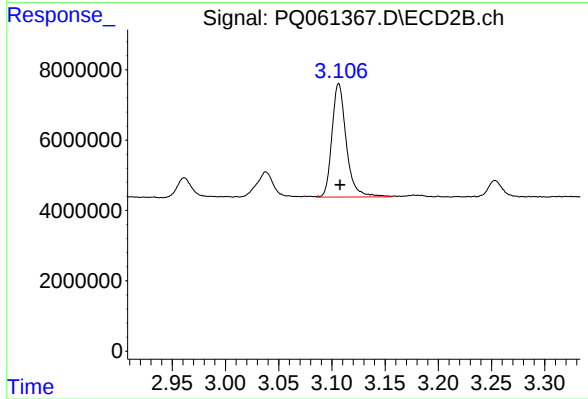
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: -0.002 min
Response: 8012982
Conc: 290.93 ng/ml



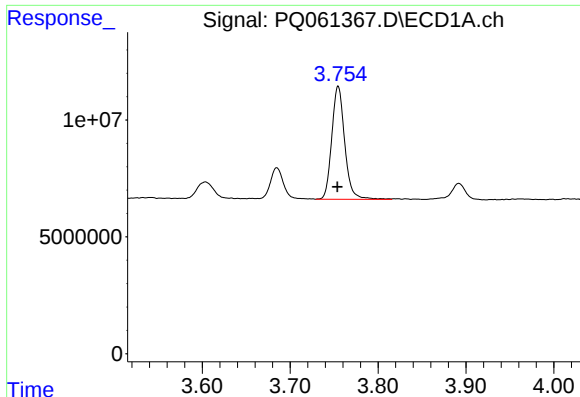
#10 AR-1221-3

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 49549049
Conc: 378.00 ng/ml



#10 AR-1221-3

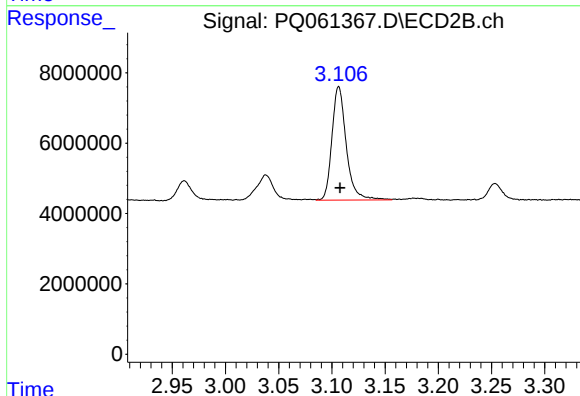
R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 30219046
Conc: 356.61 ng/ml



#11 AR-1232-1

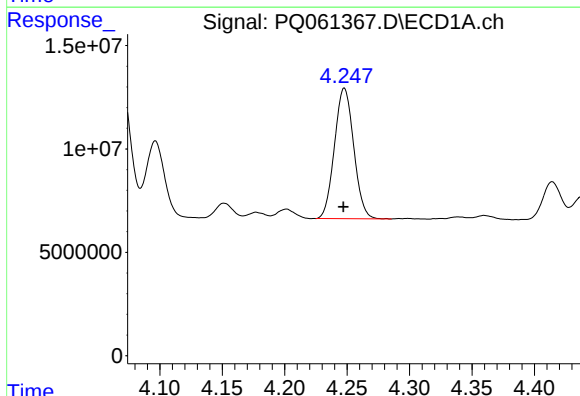
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 49549049
Conc: 518.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



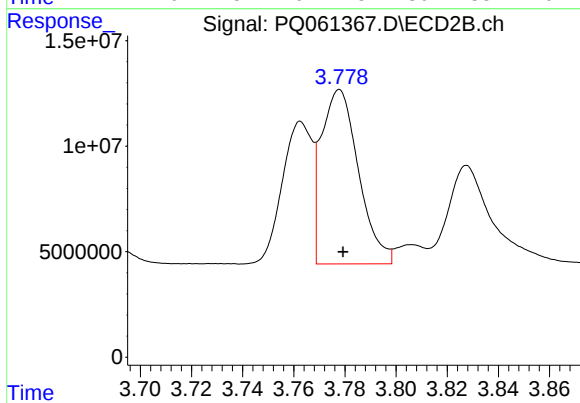
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 30219046
Conc: 490.71 ng/ml



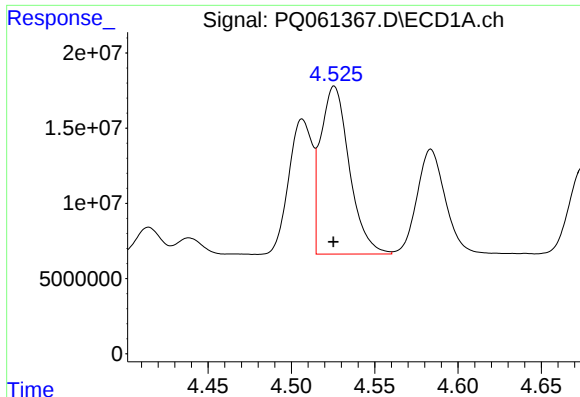
#12 AR-1232-2

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 67795249
Conc: 1234.08 ng/ml



#12 AR-1232-2

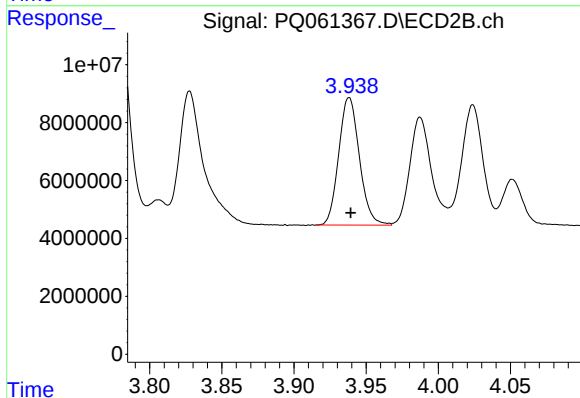
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 83507746
Conc: 1212.05 ng/ml



#13 AR-1232-3

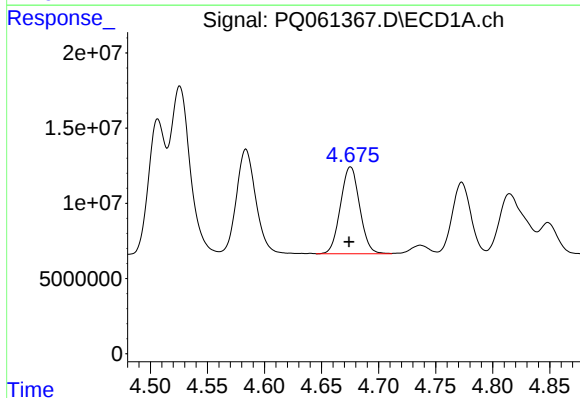
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 134141919
Conc: 1284.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



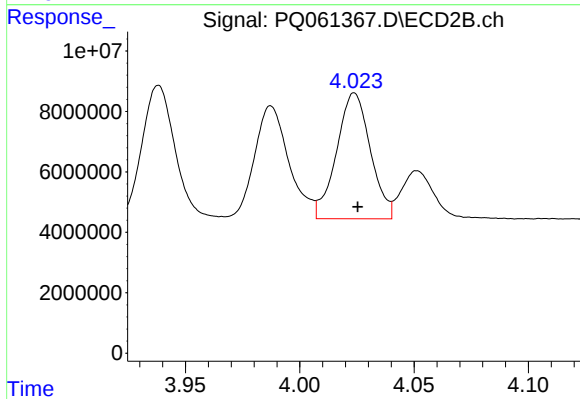
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 44091396
Conc: 1219.34 ng/ml



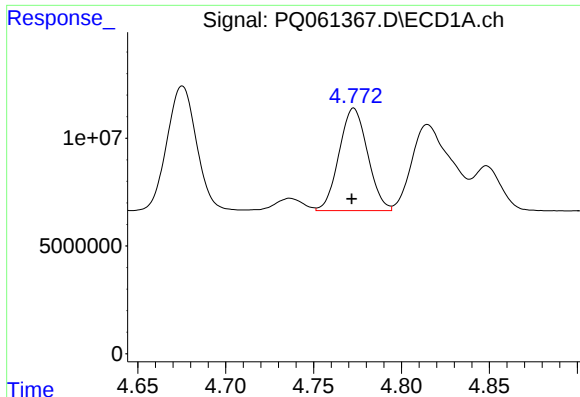
#14 AR-1232-4

R.T.: 4.675 min
Delta R.T.: 0.001 min
Response: 67523086
Conc: 1272.64 ng/ml



#14 AR-1232-4

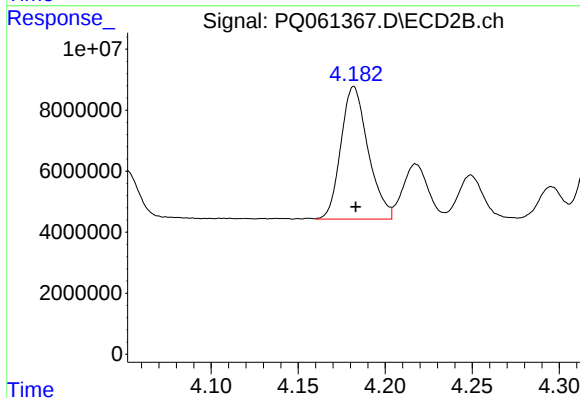
R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 43004748
Conc: 1334.27 ng/ml



#15 AR-1232-5

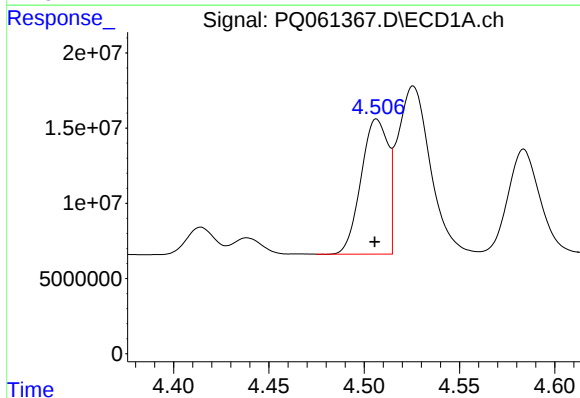
R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 53741181
Conc: 1425.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



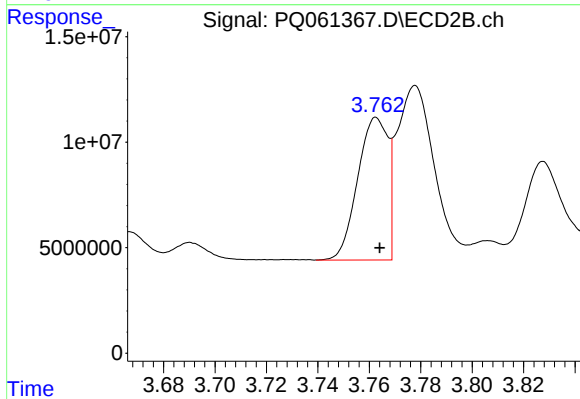
#15 AR-1232-5

R.T.: 4.182 min
Delta R.T.: -0.001 min
Response: 47371295
Conc: 1236.06 ng/ml



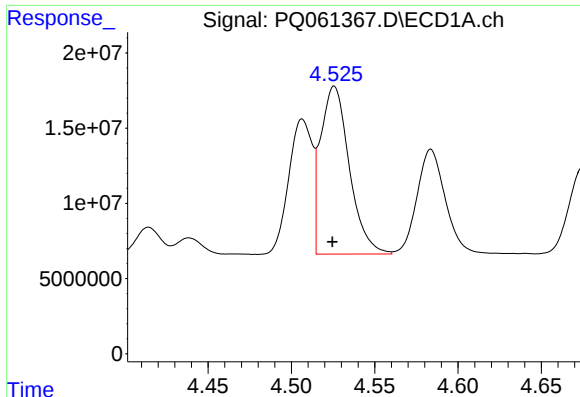
#16 AR-1242-1

R.T.: 4.507 min
Delta R.T.: 0.001 min
Response: 88280764
Conc: 778.02 ng/ml



#16 AR-1242-1

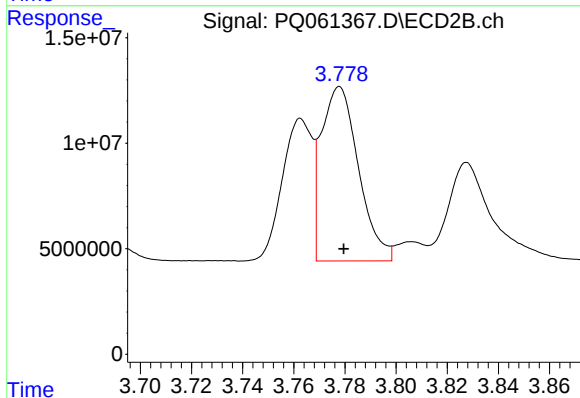
R.T.: 3.763 min
Delta R.T.: -0.001 min
Response: 54833329
Conc: 715.94 ng/ml



#17 AR-1242-2

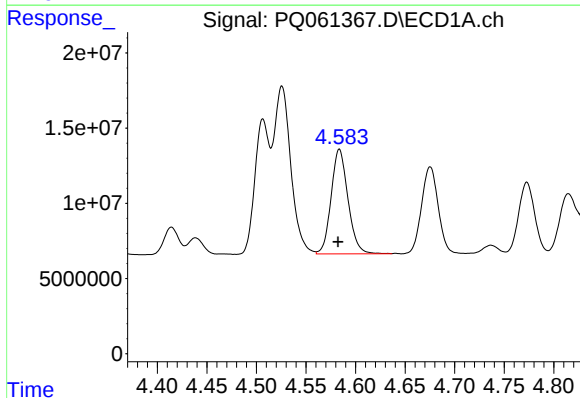
R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 134141919
Conc: 790.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



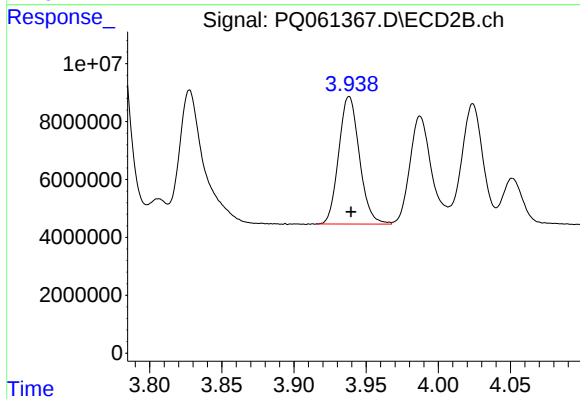
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 83507746
Conc: 753.52 ng/ml



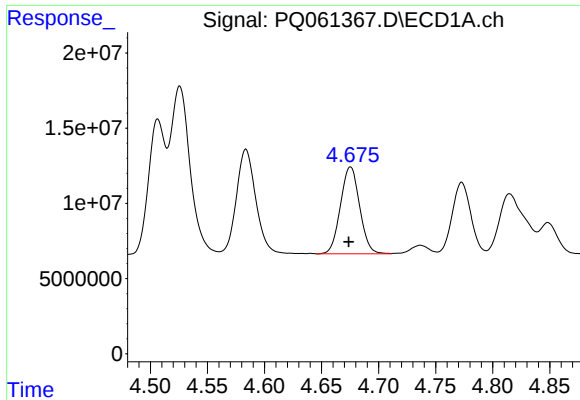
#18 AR-1242-3

R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 82366529
Conc: 769.92 ng/ml



#18 AR-1242-3

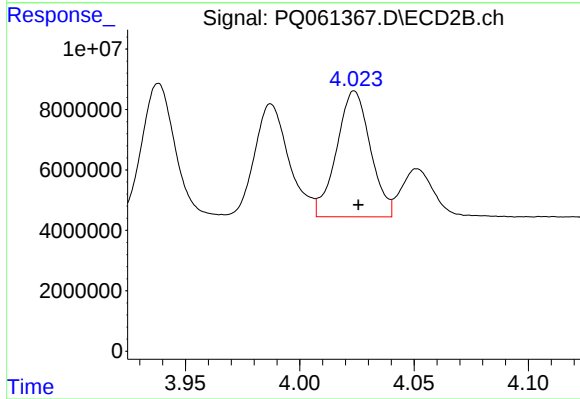
R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 44091396
Conc: 745.01 ng/ml



#19 AR-1242-4

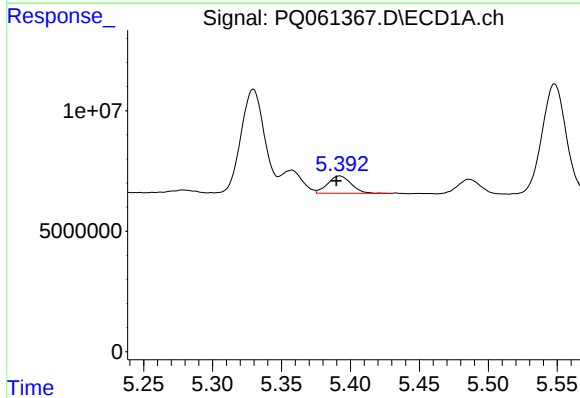
R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 67523086
Conc: 778.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



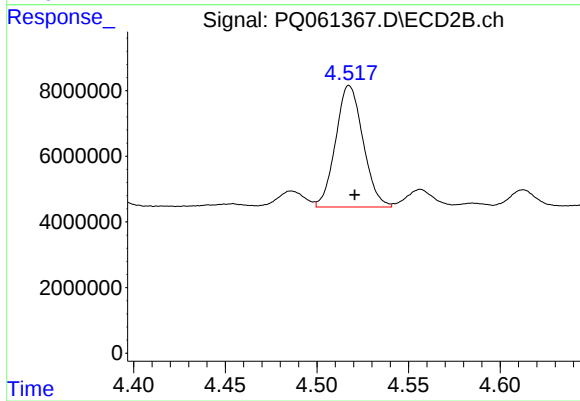
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 43004748
Conc: 718.12 ng/ml



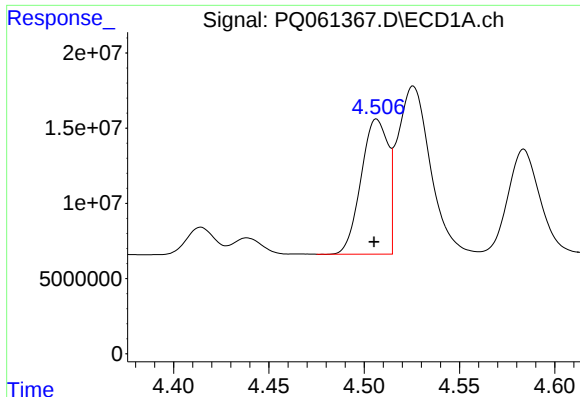
#20 AR-1242-5

R.T.: 5.392 min
Delta R.T.: 0.002 min
Response: 8436657
Conc: 95.13 ng/ml



#20 AR-1242-5

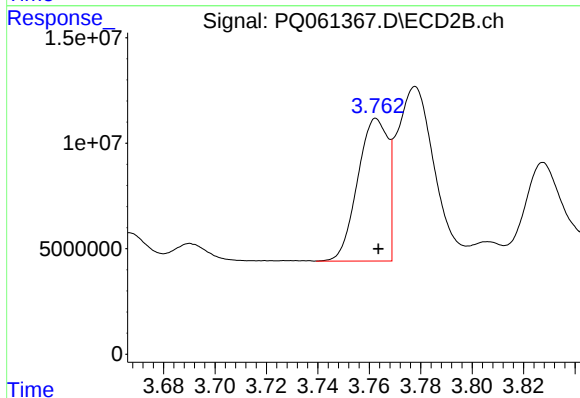
R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 38532182
Conc: 481.23 ng/ml



#21 AR-1248-1

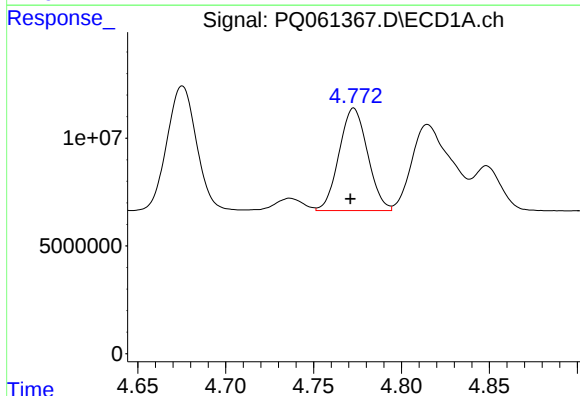
R.T.: 4.507 min
Delta R.T.: 0.001 min
Response: 88280764
Conc: 979.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



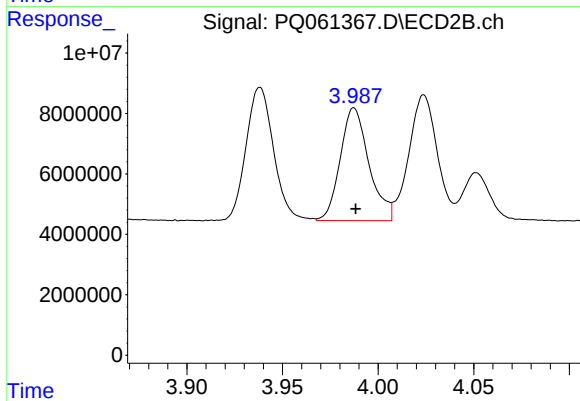
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 54833329
Conc: 881.06 ng/ml



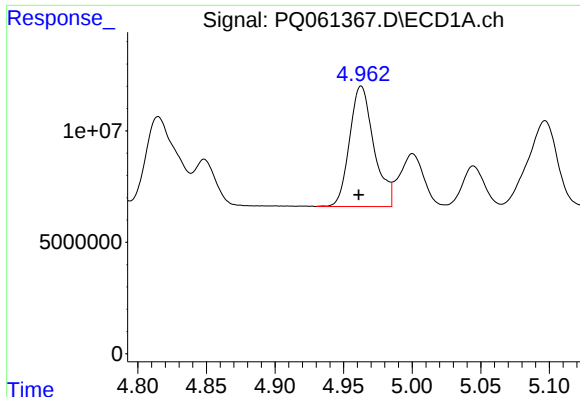
#22 AR-1248-2

R.T.: 4.773 min
Delta R.T.: 0.002 min
Response: 53741181
Conc: 422.74 ng/ml



#22 AR-1248-2

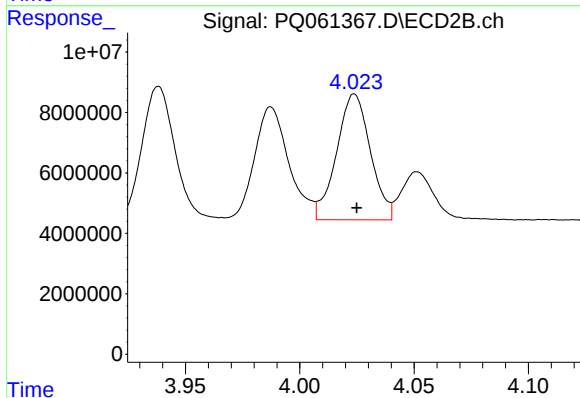
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 39163087
Conc: 405.18 ng/ml



#23 AR-1248-3

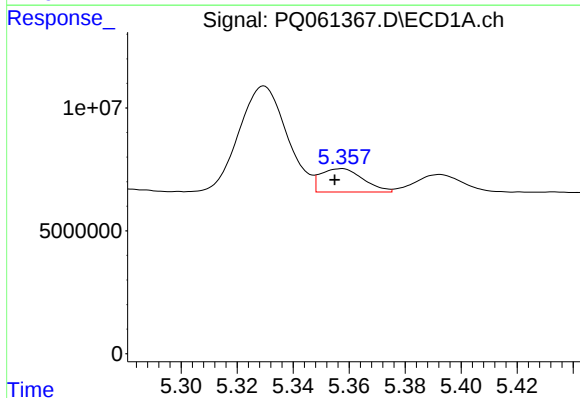
R.T.: 4.963 min
Delta R.T.: 0.002 min
Response: 66631570
Conc: 432.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



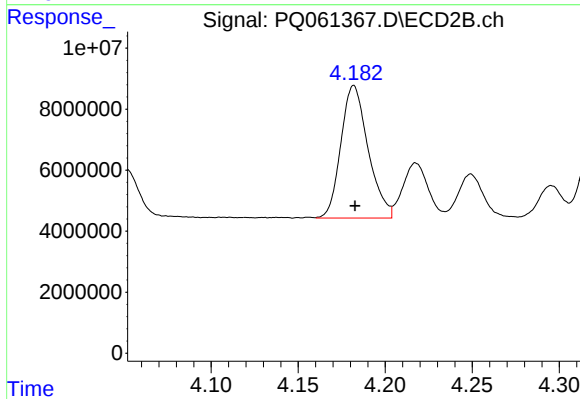
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 43004748
Conc: 470.44 ng/ml



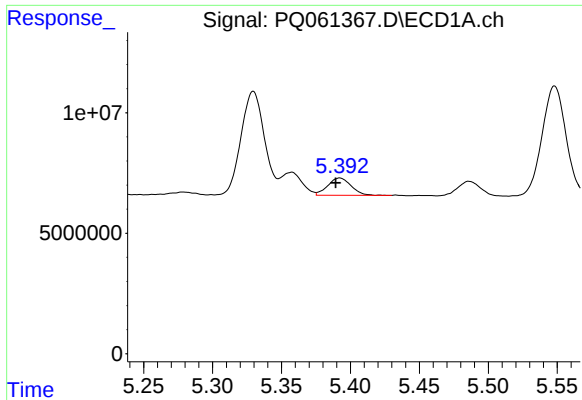
#24 AR-1248-4

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 10040602
Conc: 59.15 ng/ml



#24 AR-1248-4

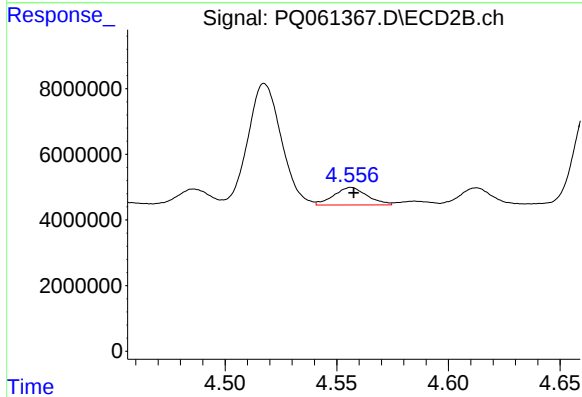
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 47371295
Conc: 418.36 ng/ml



#25 AR-1248-5

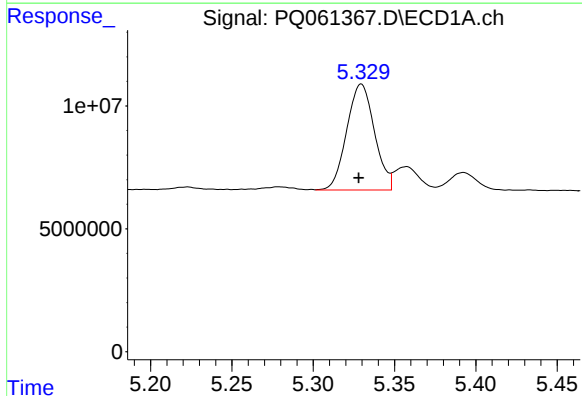
R.T.: 5.392 min
Delta R.T.: 0.003 min
Response: 8436657
Conc: 51.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



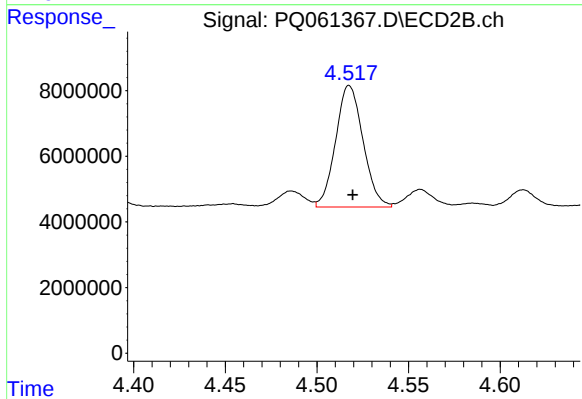
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: -0.001 min
Response: 5554824
Conc: 50.44 ng/ml



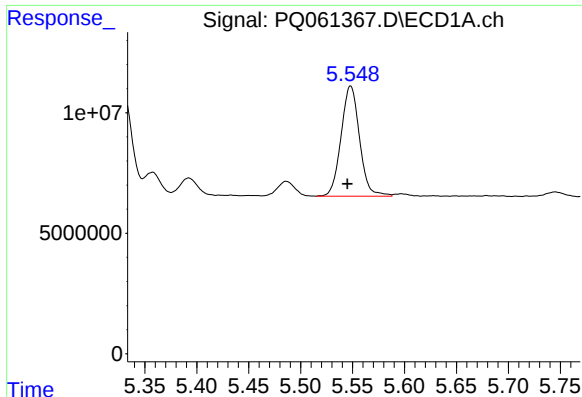
#26 AR-1254-1

R.T.: 5.330 min
Delta R.T.: 0.002 min
Response: 51179589
Conc: 299.64 ng/ml



#26 AR-1254-1

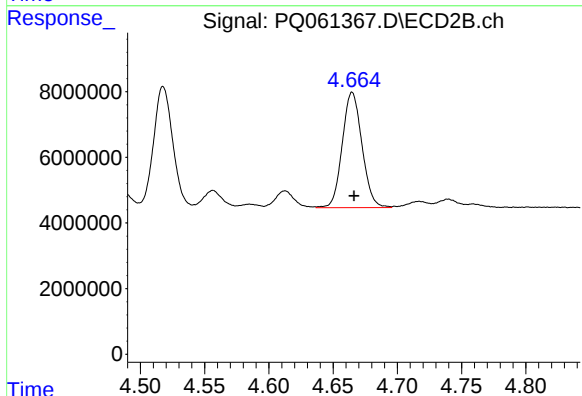
R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 38532182
Conc: 234.32 ng/ml



#27 AR-1254-2

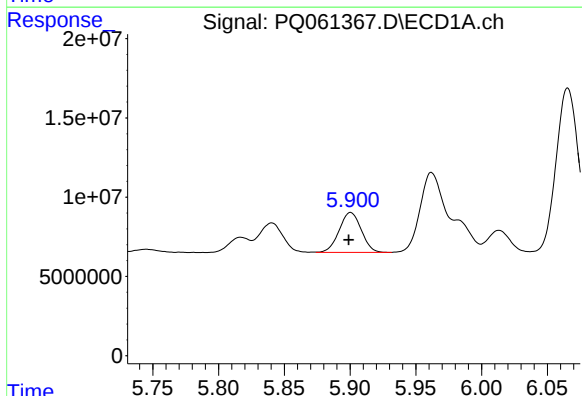
R.T.: 5.548 min
Delta R.T.: 0.003 min
Response: 56721196
Conc: 212.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



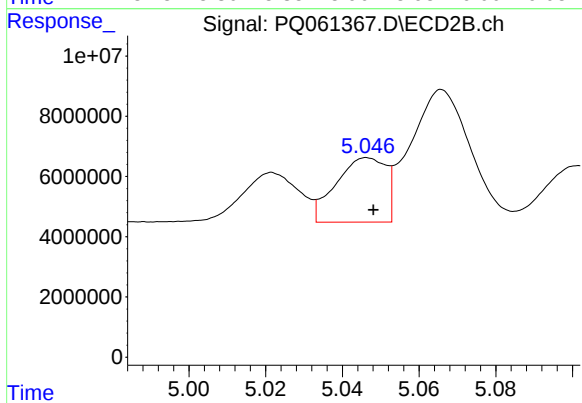
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 37642300
Conc: 250.27 ng/ml



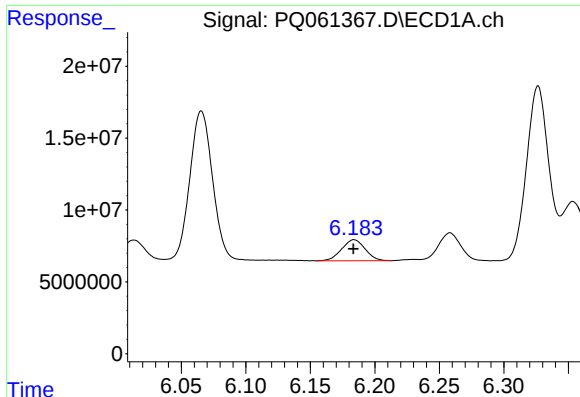
#28 AR-1254-3

R.T.: 5.900 min
Delta R.T.: 0.001 min
Response: 29494239
Conc: 105.55 ng/ml



#28 AR-1254-3

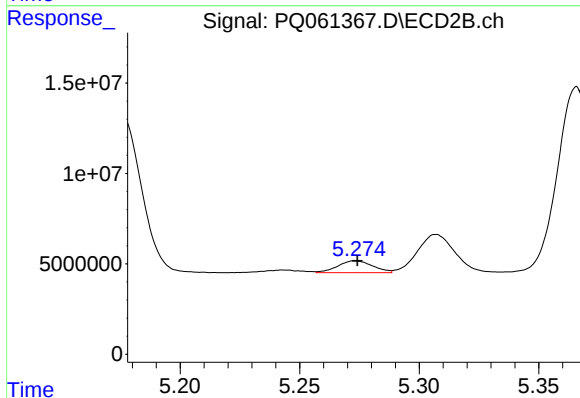
R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 19275529
Conc: 82.83 ng/ml



#29 AR-1254-4

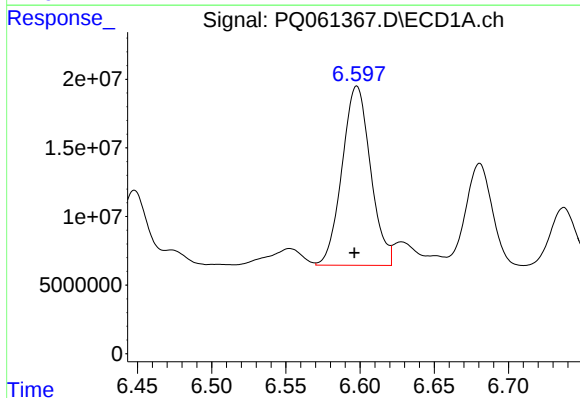
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 18583913
Conc: 90.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



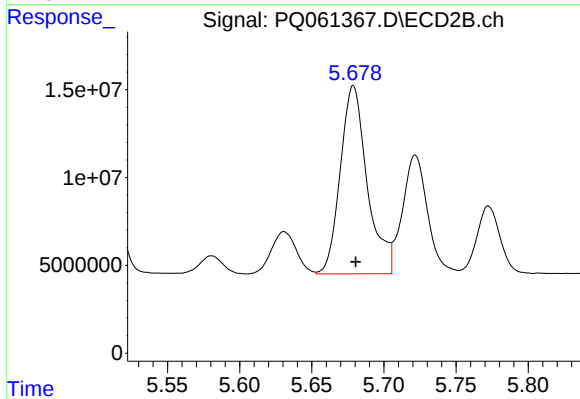
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 6705271
Conc: 46.67 ng/ml



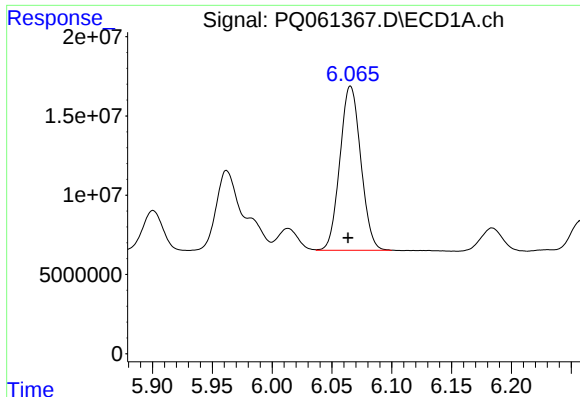
#30 AR-1254-5

R.T.: 6.598 min
Delta R.T.: 0.002 min
Response: 174274297
Conc: 738.82 ng/ml



#30 AR-1254-5

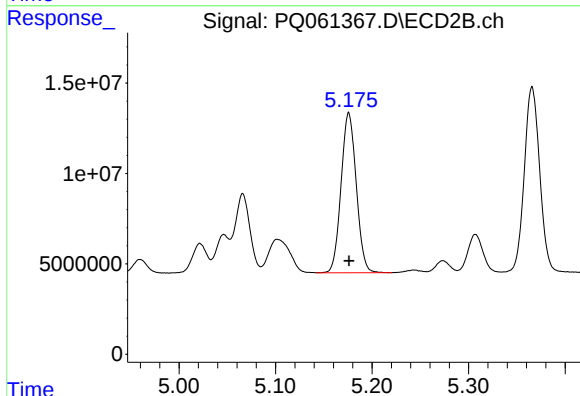
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 139614307
Conc: 612.05 ng/ml



#31 AR-1260-1

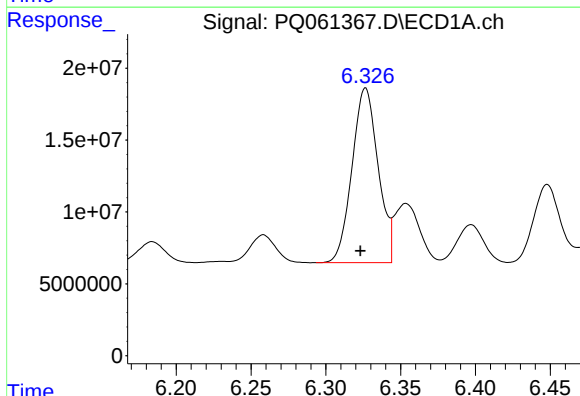
R.T.: 6.066 min
Delta R.T.: 0.002 min
Response: 125983223
Conc: 567.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



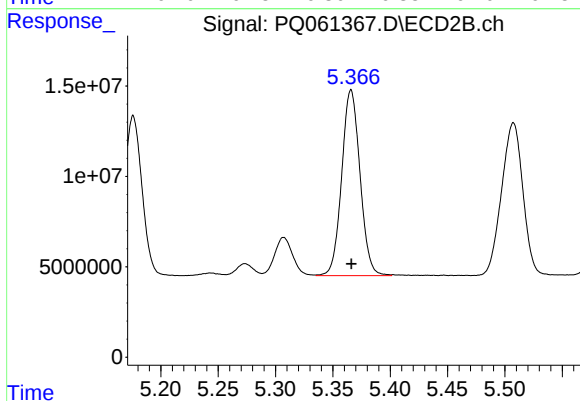
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 96587991
Conc: 561.53 ng/ml



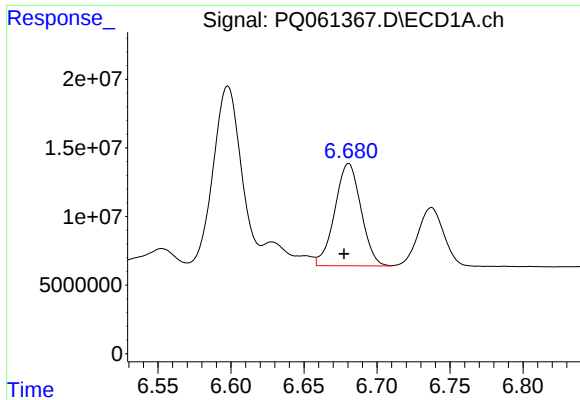
#32 AR-1260-2

R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 147411009
Conc: 554.09 ng/ml



#32 AR-1260-2

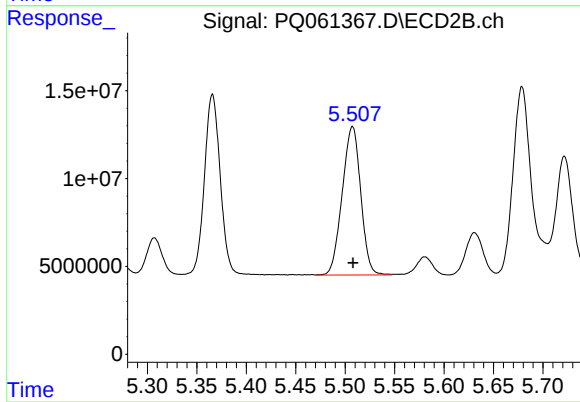
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 114262201
Conc: 551.37 ng/ml



#33 AR-1260-3

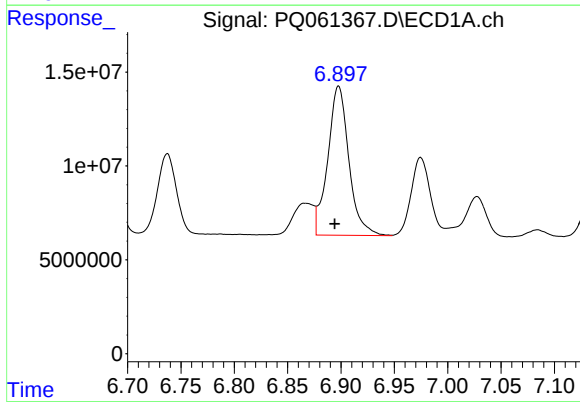
R.T.: 6.681 min
Delta R.T.: 0.003 min
Response: 93191012
Conc: 554.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



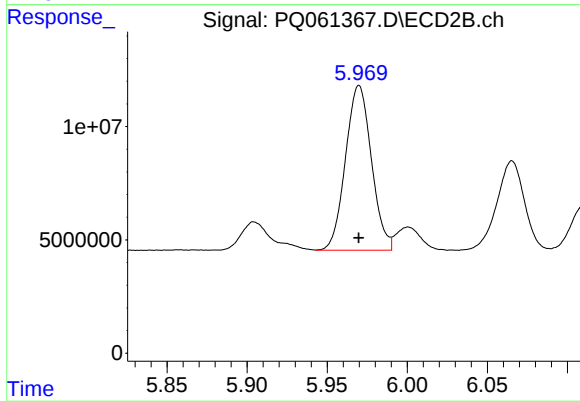
#33 AR-1260-3

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 109985618
Conc: 553.77 ng/ml



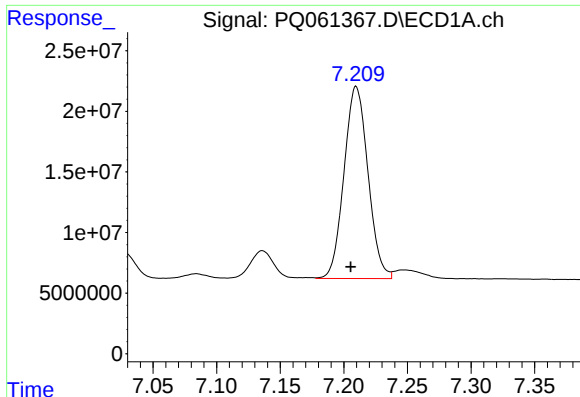
#34 AR-1260-4

R.T.: 6.898 min
Delta R.T.: 0.004 min
Response: 109413328
Conc: 545.17 ng/ml



#34 AR-1260-4

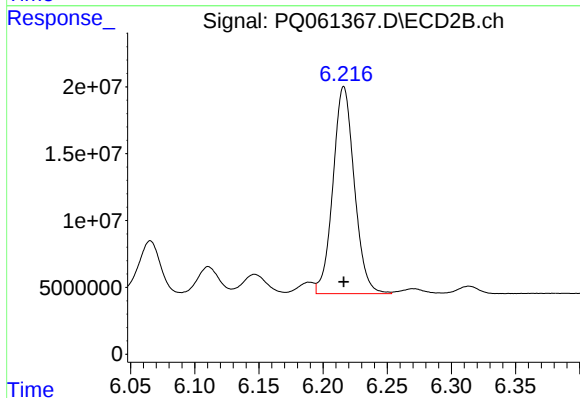
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 81888408
Conc: 556.66 ng/ml



#35 AR-1260-5

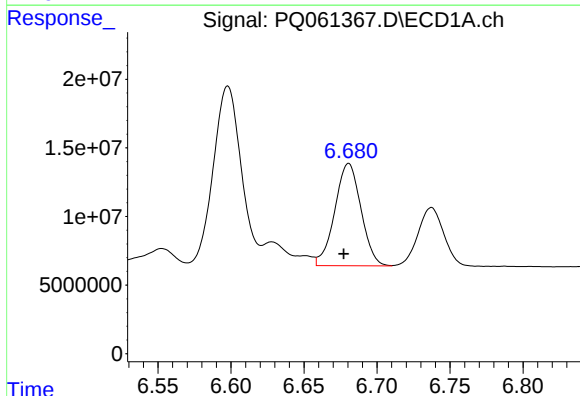
R.T.: 7.210 min
Delta R.T.: 0.004 min
Response: 208078539
Conc: 546.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



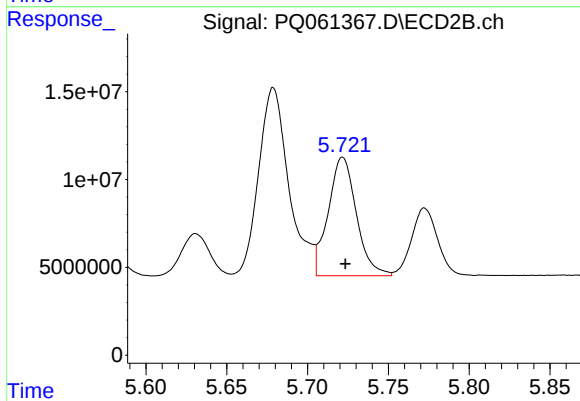
#35 AR-1260-5

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 179469791
Conc: 552.71 ng/ml



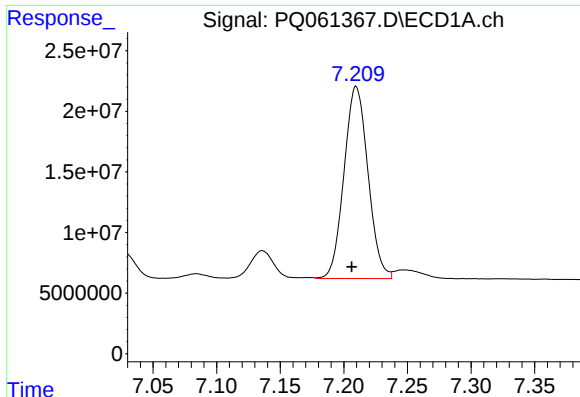
#36 AR-1262-1

R.T.: 6.681 min
Delta R.T.: 0.003 min
Response: 93191012
Conc: 311.26 ng/ml



#36 AR-1262-1

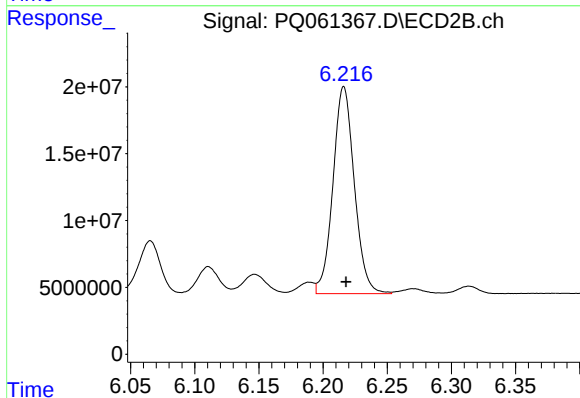
R.T.: 5.722 min
Delta R.T.: -0.002 min
Response: 81789630
Conc: 337.49 ng/ml



#37 AR-1262-2

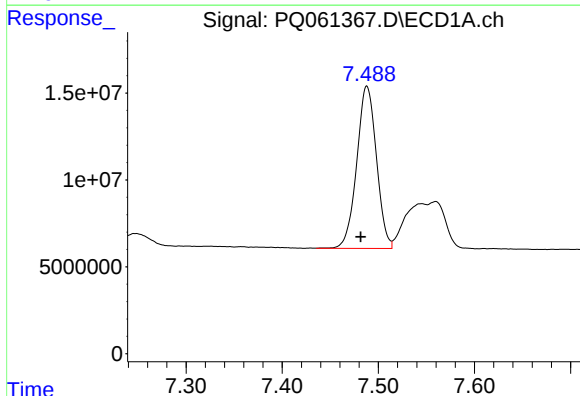
R.T.: 7.210 min
Delta R.T.: 0.003 min
Response: 208078539
Conc: 412.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



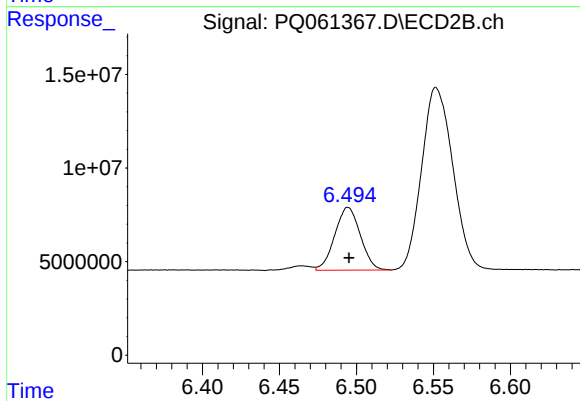
#37 AR-1262-2

R.T.: 6.216 min
Delta R.T.: -0.002 min
Response: 179469791
Conc: 410.64 ng/ml



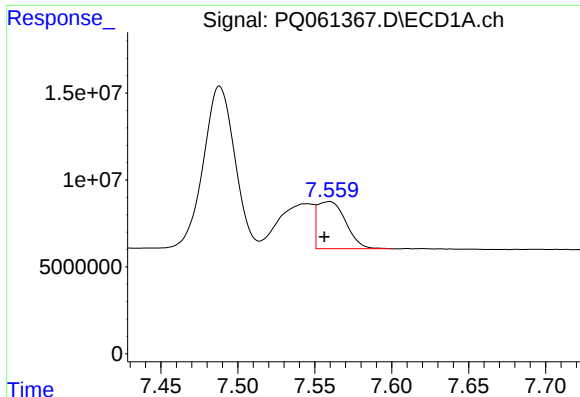
#38 AR-1262-3

R.T.: 7.488 min
Delta R.T.: 0.007 min
Response: 133243222
Conc: 394.27 ng/ml



#38 AR-1262-3

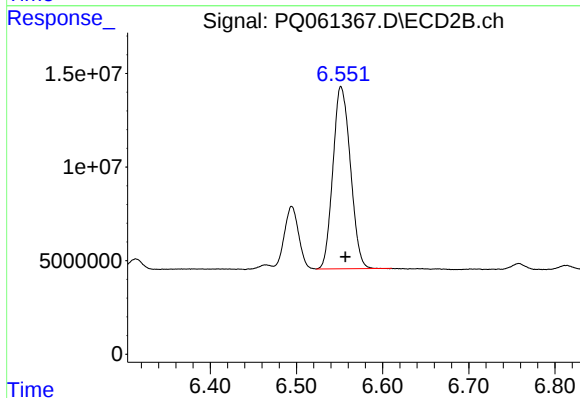
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 38820377
Conc: 215.41 ng/ml



#39 AR-1262-4

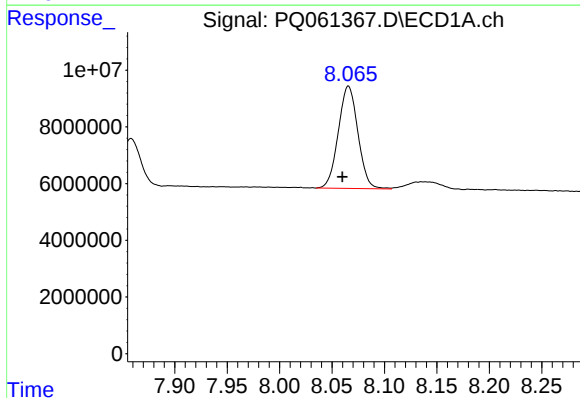
R.T.: 7.559 min
Delta R.T.: 0.003 min
Response: 34547238
Conc: 134.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



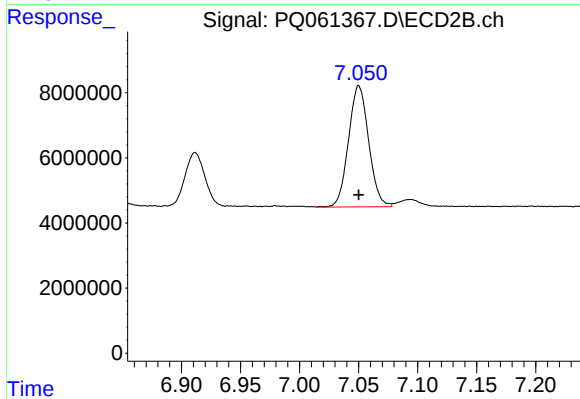
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 137276242
Conc: 413.95 ng/ml



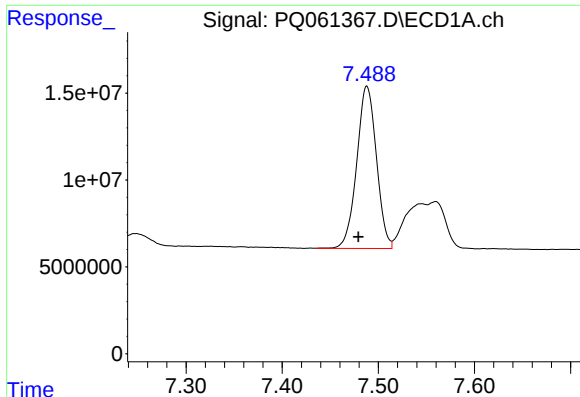
#40 AR-1262-5

R.T.: 8.066 min
Delta R.T.: 0.006 min
Response: 47029168
Conc: 276.14 ng/ml



#40 AR-1262-5

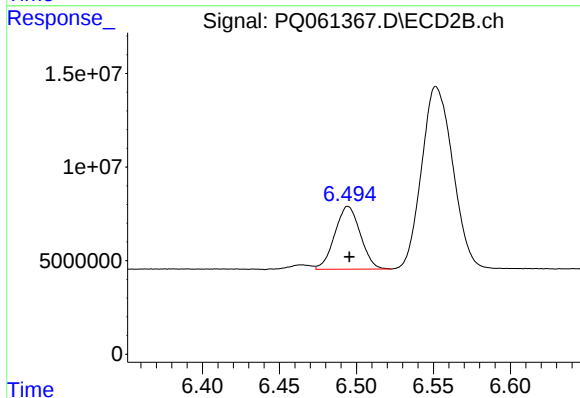
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 44288868
Conc: 276.08 ng/ml



#41 AR-1268-1

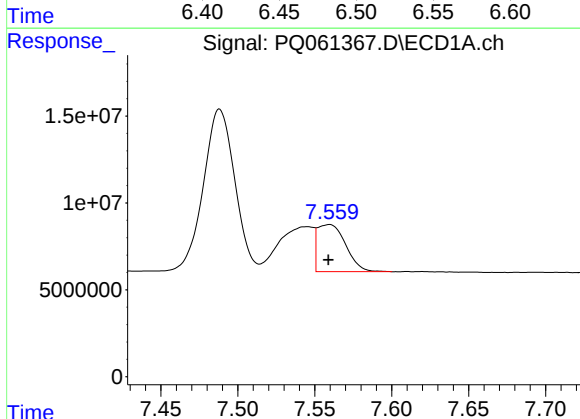
R.T.: 7.488 min
Delta R.T.: 0.009 min
Response: 133243222
Conc: 241.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



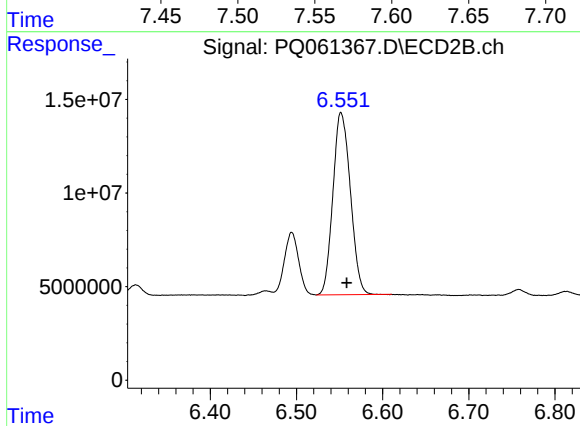
#41 AR-1268-1

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 38820377
Conc: 79.02 ng/ml



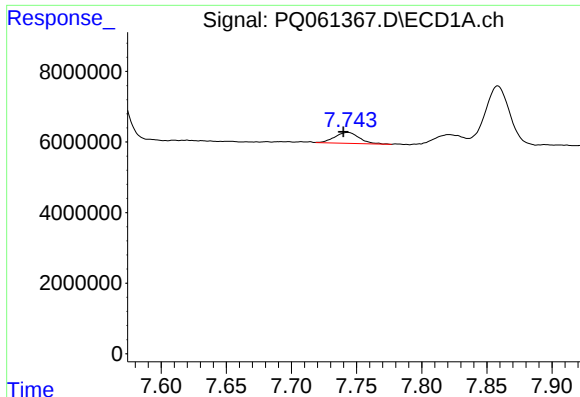
#42 AR-1268-2

R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 34547238
Conc: 70.11 ng/ml



#42 AR-1268-2

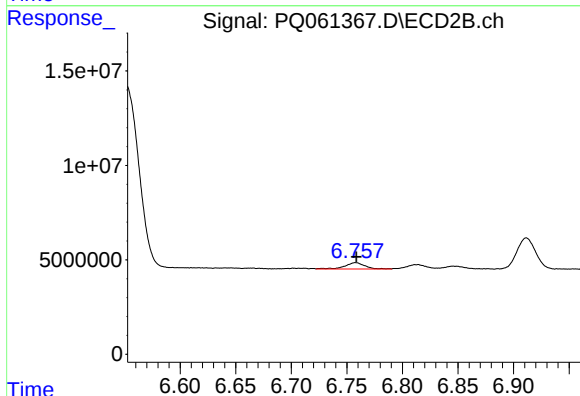
R.T.: 6.552 min
Delta R.T.: -0.007 min
Response: 137276242
Conc: 308.56 ng/ml



#43 AR-1268-3

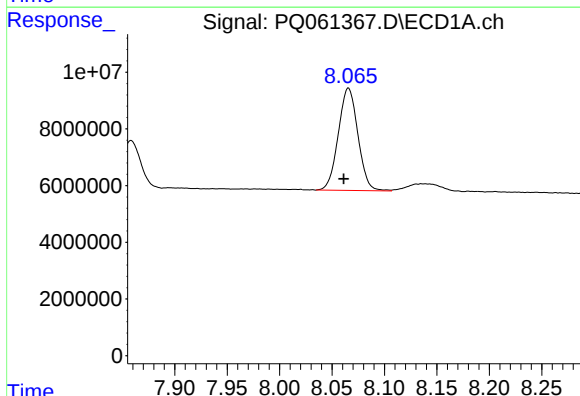
R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 4067852
Conc: 9.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



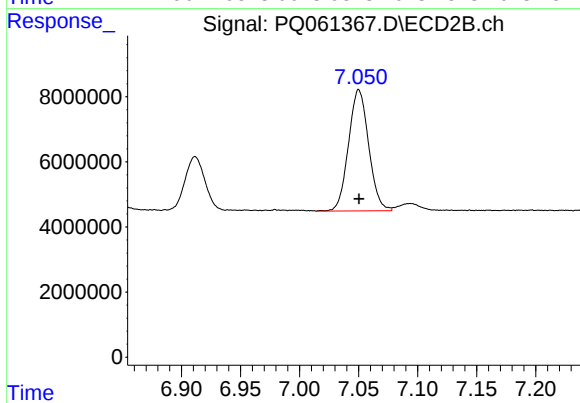
#43 AR-1268-3

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 4195500
Conc: 10.72 ng/ml



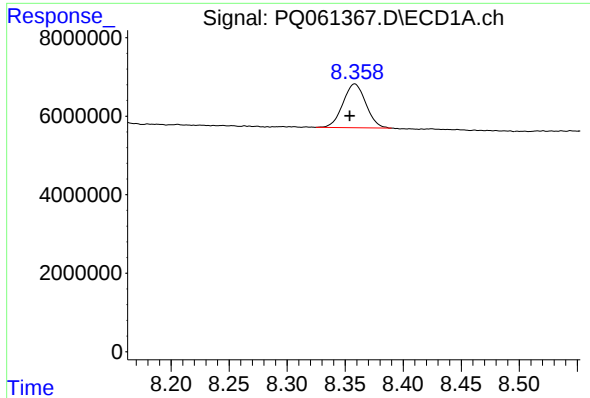
#44 AR-1268-4

R.T.: 8.066 min
Delta R.T.: 0.005 min
Response: 47029168
Conc: 265.69 ng/ml



#44 AR-1268-4

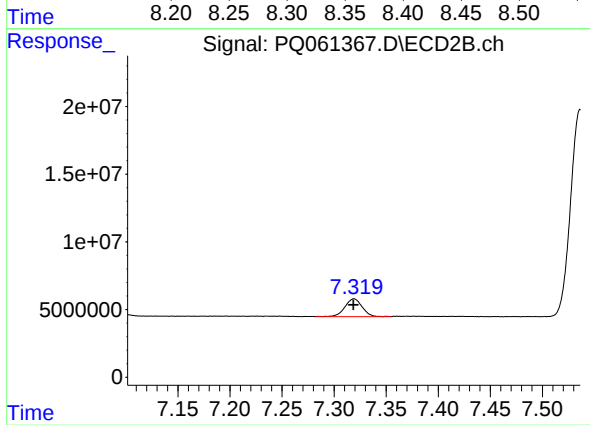
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 44288868
Conc: 263.81 ng/ml



#45 AR-1268-5

R.T.: 8.358 min
Delta R.T.: 0.004 min
Response: 15334889
Conc: 12.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 15378887
Conc: 12.40 ng/ml