

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
 Data File : PQ062011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2023 18:34
 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: Jul 08 03:17:36 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...	3.405	2.759	244.2E6	133.4E6	50.058	53.179
2)	SA Decachlor...	8.584	7.529	193.0E6	168.4E6	53.136	50.548
Target Compounds							
3)	L1 AR-1016-1	4.505	3.761	82224014	47874261	499.181	483.699
4)	L1 AR-1016-2	4.524	3.776	124.5E6	72868852	503.447	505.335
5)	L1 AR-1016-3	4.582	3.936	77080894	38720249	505.761	513.241
6)	L1 AR-1016-4	4.674	3.985	63084442	33812944	503.285	514.820
7)	L1 AR-1016-5	4.961	4.180	62273188	41144128	511.623	501.870
8)	L2 AR-1221-1	3.602	2.960	8301267	5270872	138.106	159.740
9)	L2 AR-1221-2	3.684	3.037	12323511	7226374	274.266	284.502
10)	L2 AR-1221-3	3.754	3.105	45769061	26913550	325.716	349.115
11)	L3 AR-1232-1	3.754	3.105	45769061	26913550	433.414	469.707
12)	L3 AR-1232-2	4.246	3.776	62716135	72868852	1060.269	1094.867
13)	L3 AR-1232-3	4.524	3.936	124.5E6	38720249	1100.866	1120.541
14)	L3 AR-1232-4	4.674	4.022	63084442	37030675	1113.259	1245.155
15)	L3 AR-1232-5	4.771	4.180	49664568	41144128	1240.064	1153.762
16)	L4 AR-1242-1	4.505	3.761	82224014	47874261	629.085	619.018
17)	L4 AR-1242-2	4.524	3.776	124.5E6	72868852	641.226	655.539
18)	L4 AR-1242-3	4.582	3.936	77080894	38720249	637.854	661.025
19)	L4 AR-1242-4	4.674	4.022	63084442	37030675	647.115	631.619
20)	L4 AR-1242-5	5.390	4.516	8751121	33296515	91.415	401.683 #
21)	L5 AR-1248-1	4.505	3.761	82224014	47874261	790.778	765.739
22)	L5 AR-1248-2	4.771	3.985	49664568	33812944	345.704	360.599
23)	L5 AR-1248-3	4.961	4.022	62273188	37030675	358.484	408.981
24)	L5 AR-1248-4	5.355	4.180	9988845	41144128	52.044	364.625 #
25)	L5 AR-1248-5	5.390	4.554	8751121	5039930	48.316	44.986
26)	L6 AR-1254-1	5.327	4.516	48836350	33296515	262.813	206.218
27)	L6 AR-1254-2	5.546	4.663	55018063	33104460	189.252	224.857
28)	L6 AR-1254-3	5.898	5.045	29314234	17756118	95.443	75.978
29)	L6 AR-1254-4	6.182	5.271	18628107	6747229	80.227	44.269 #
30)	L6 AR-1254-5	6.595	5.675	173.3E6	128.1E6	674.587	554.924
31)	L7 AR-1260-1	6.064	5.173	120.7E6	84556569	511.526	507.685
32)	L7 AR-1260-2	6.324	5.363	144.4E6	103.5E6	499.826	497.574
33)	L7 AR-1260-3	6.677	5.504	90678256	97756835	513.536	502.454
34)	L7 AR-1260-4	6.894	5.966	108.4E6	74403415	514.792	510.096
35)	L7 AR-1260-5	7.206	6.213	210.6E6	167.1E6	512.927	503.357
36)	L8 AR-1262-1	6.677	5.719	90678256	73995402	297.363	318.299
37)	L8 AR-1262-2	7.206	5.966	210.6E6	74403415	399.862	344.130
38)	L8 AR-1262-3	7.484	6.490	137.3E6	35776134	389.608	205.223 #
39)	L8 AR-1262-4	7.554	6.548	34294252	130.3E6	128.578	404.403 #
40)	L8 AR-1262-5	8.059	7.046	50048438	42620591	281.949	274.768
41)	L9 AR-1268-1	7.484	6.490	137.3E6	35776134	241.877	76.032 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

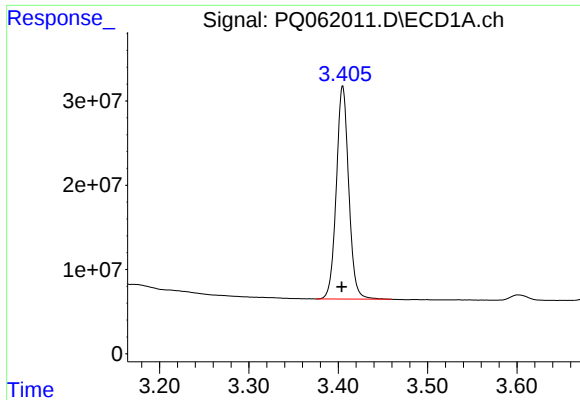
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:17:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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 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	7.554	6.548	34294252	130.3E6	67.260	307.614 #
43) L9	AR-1268-3	7.737	6.753	4433598	3542809	10.389	9.619
44) L9	AR-1268-4	8.059	7.046	50048438	42620591	273.511	266.485
45) L9	AR-1268-5	8.351	7.312	16764135	14828667	13.297	12.707

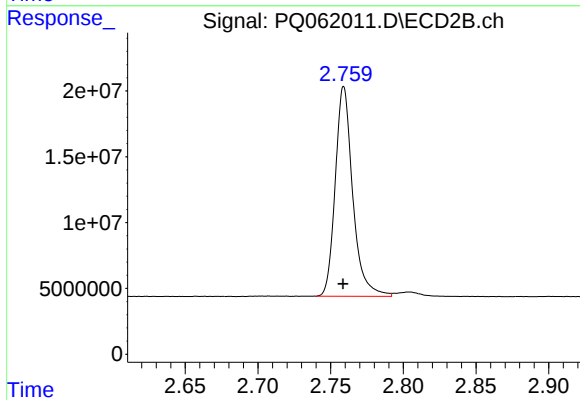
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

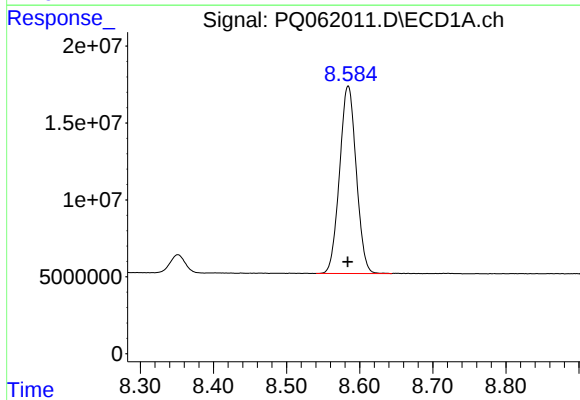
R.T.: 3.405 min
Delta R.T.: 0.001 min
Response: 244192433
Conc: 50.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



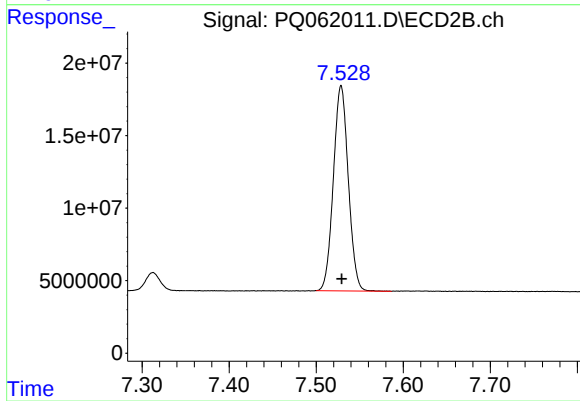
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 133432343
Conc: 53.18 ng/ml



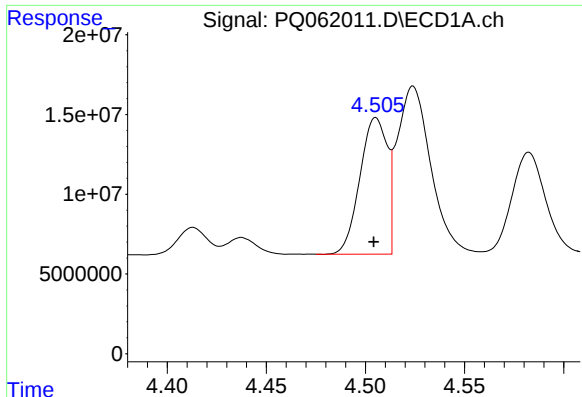
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 193028480
Conc: 53.14 ng/ml



#2 Decachlorobiphenyl

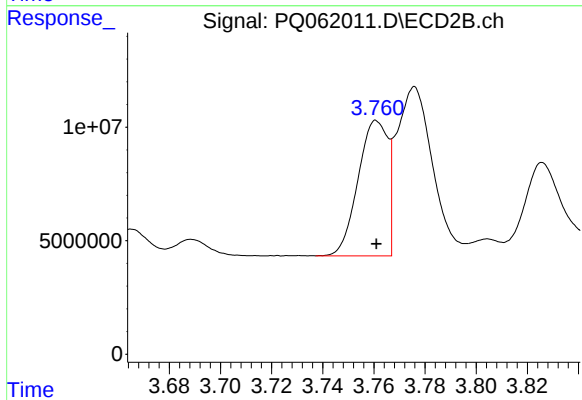
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 168435888
Conc: 50.55 ng/ml



#3 AR-1016-1

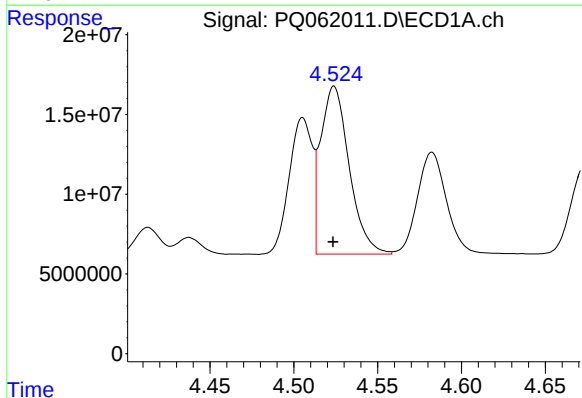
R.T.: 4.505 min
Delta R.T.: 0.001 min
Response: 82224014
Conc: 499.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



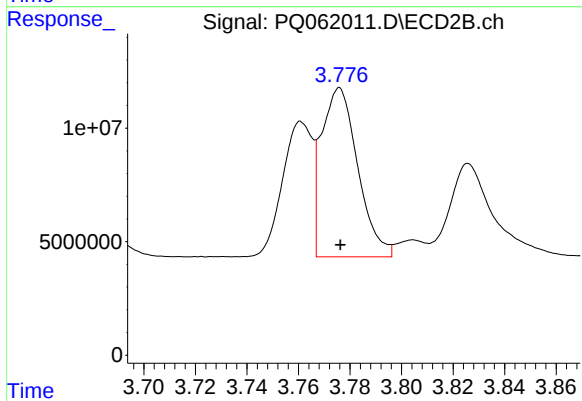
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 47874261
Conc: 483.70 ng/ml



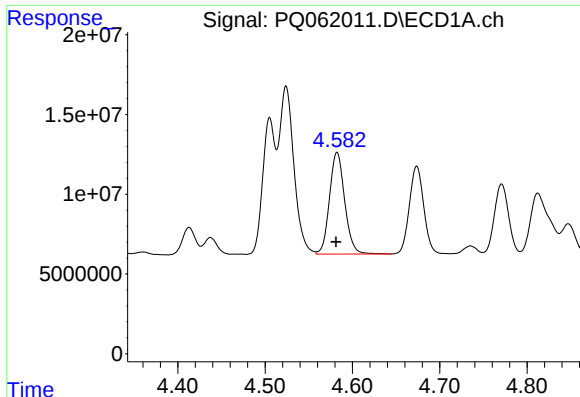
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 124486498
Conc: 503.45 ng/ml



#4 AR-1016-2

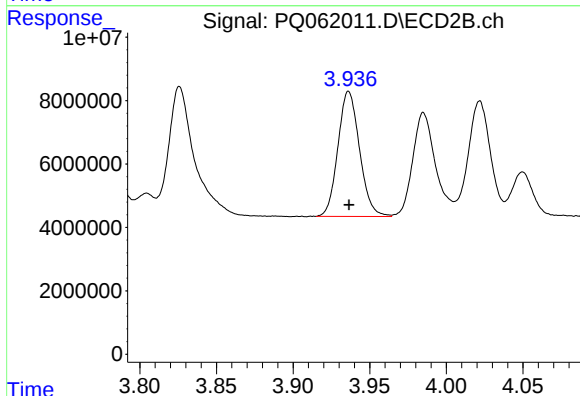
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 72868852
Conc: 505.34 ng/ml



#5 AR-1016-3

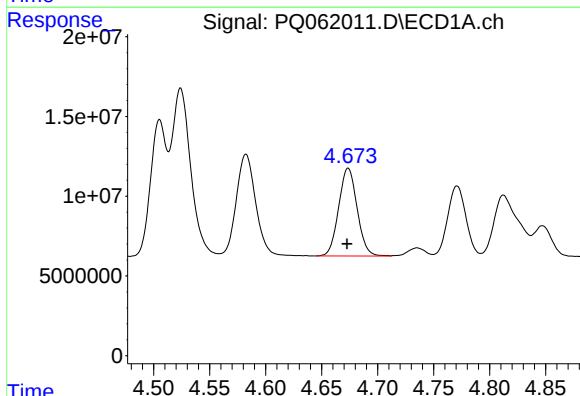
R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 77080894
Conc: 505.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



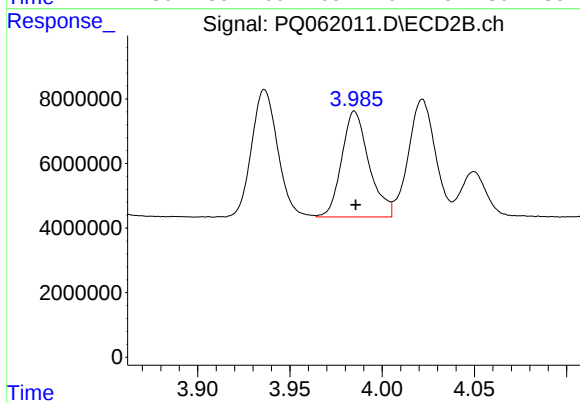
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 38720249
Conc: 513.24 ng/ml



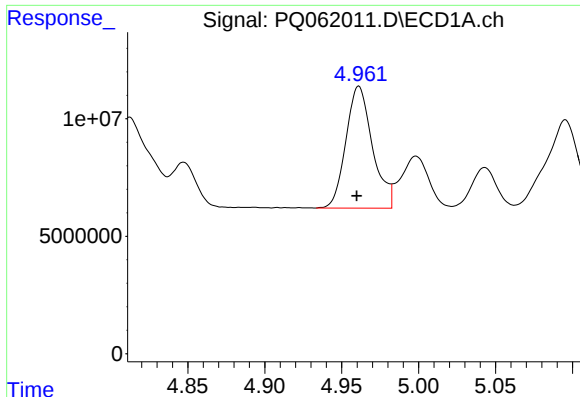
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 63084442
Conc: 503.29 ng/ml



#6 AR-1016-4

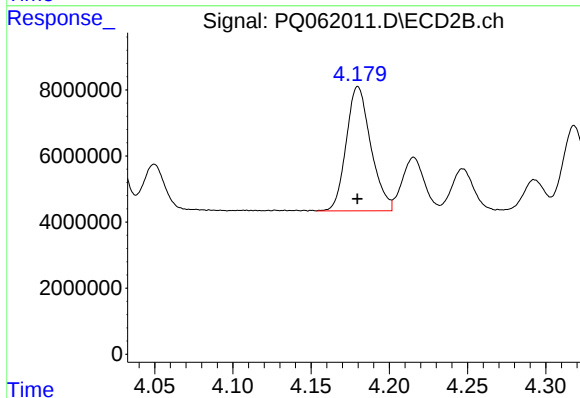
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 33812944
Conc: 514.82 ng/ml



#7 AR-1016-5

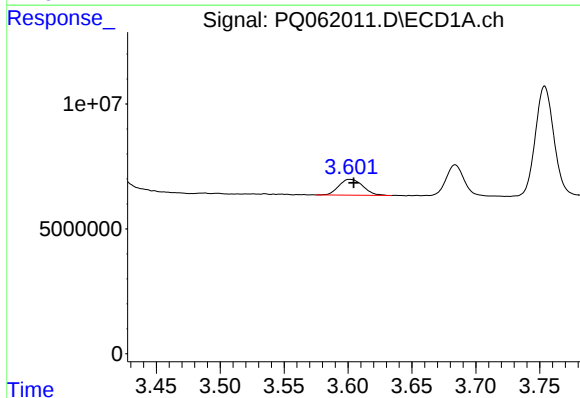
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 62273188
Conc: 511.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



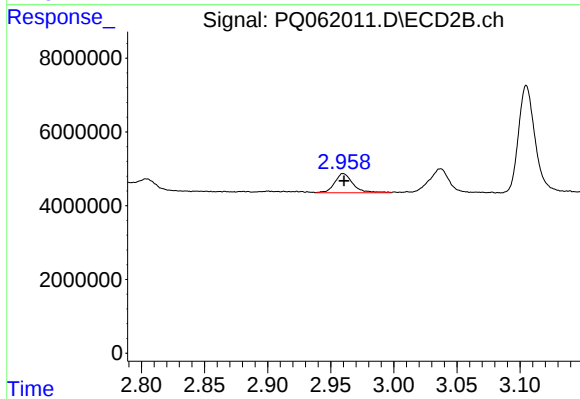
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 41144128
Conc: 501.87 ng/ml



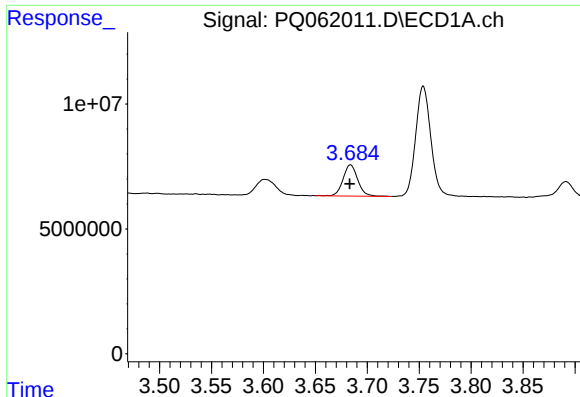
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 8301267
Conc: 138.11 ng/ml



#8 AR-1221-1

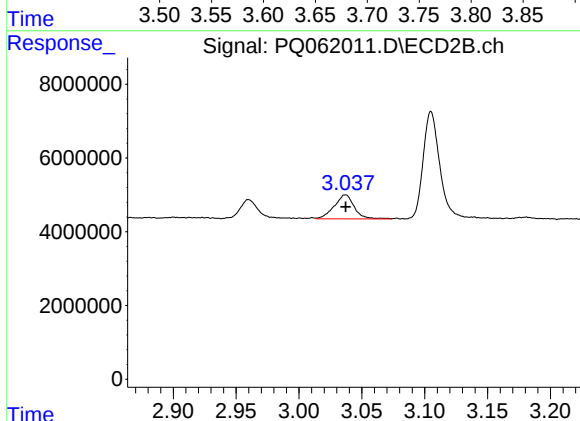
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 5270872
Conc: 159.74 ng/ml



#9 AR-1221-2

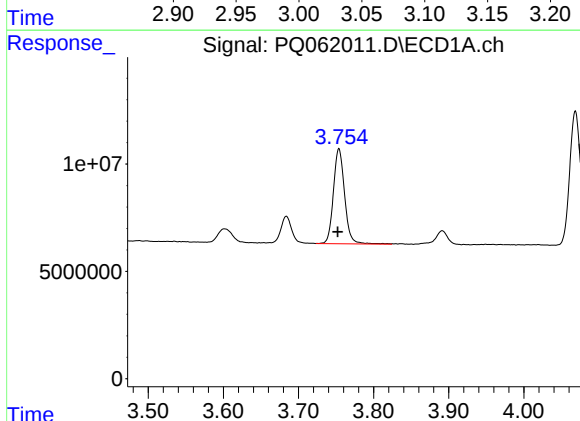
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 12323511
Conc: 274.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



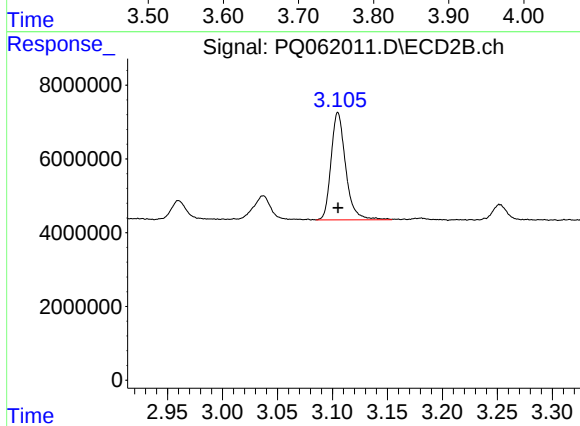
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 7226374
Conc: 284.50 ng/ml



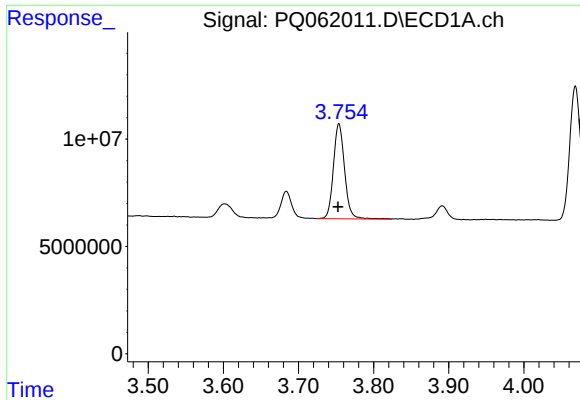
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 45769061
Conc: 325.72 ng/ml



#10 AR-1221-3

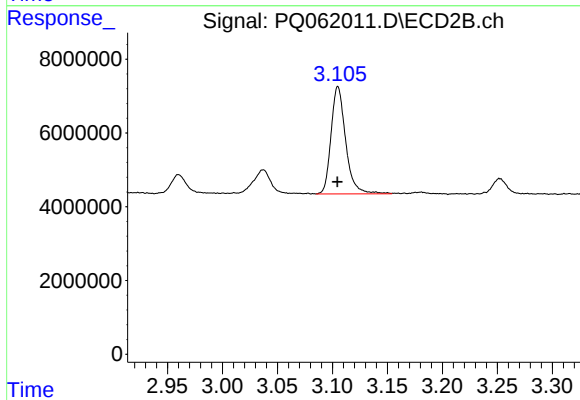
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 26913550
Conc: 349.11 ng/ml



#11 AR-1232-1

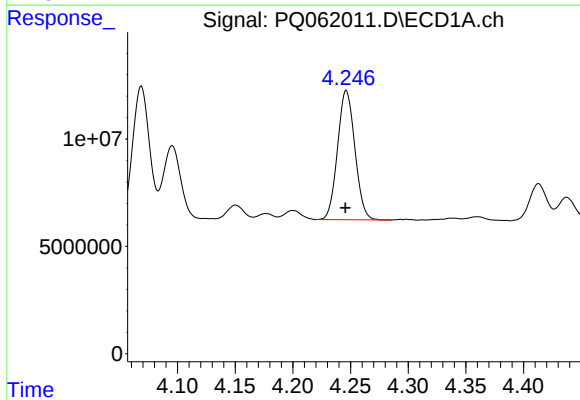
R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 45769061
Conc: 433.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



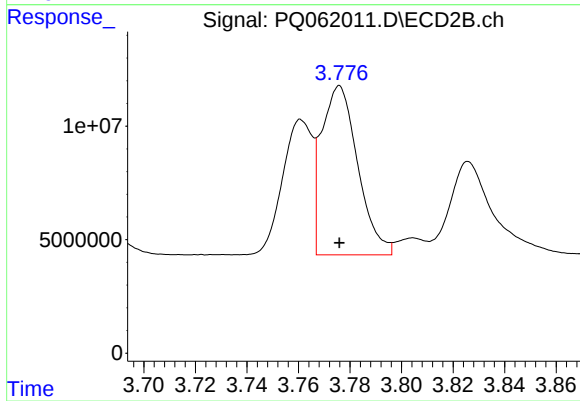
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 26913550
Conc: 469.71 ng/ml



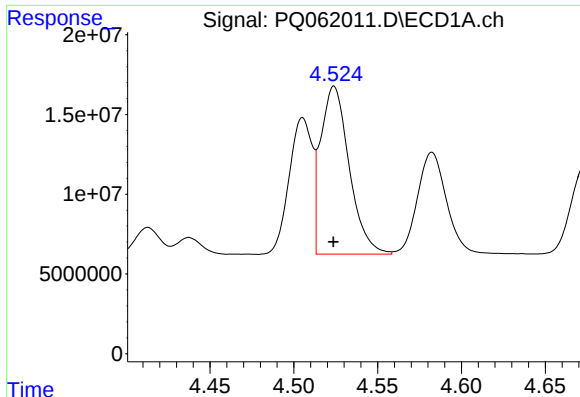
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 62716135
Conc: 1060.27 ng/ml



#12 AR-1232-2

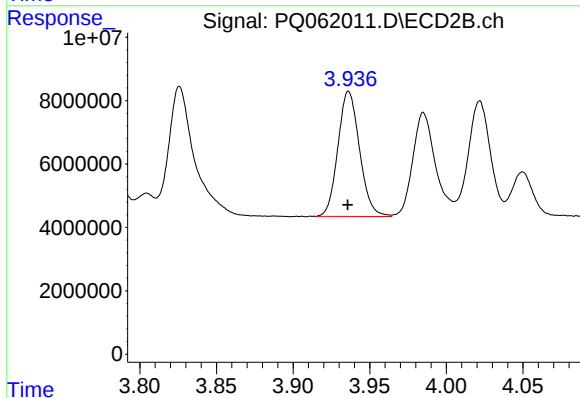
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 72868852
Conc: 1094.87 ng/ml



#13 AR-1232-3

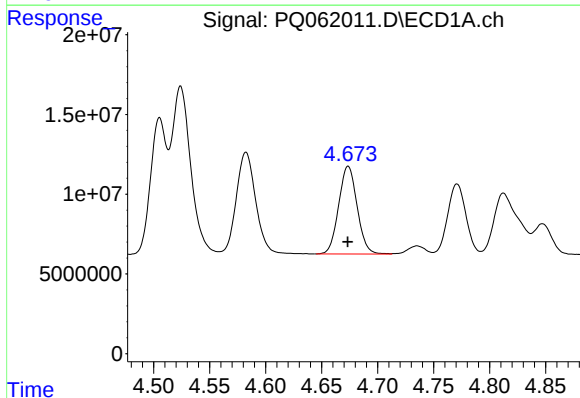
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 124486498
Conc: 1100.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



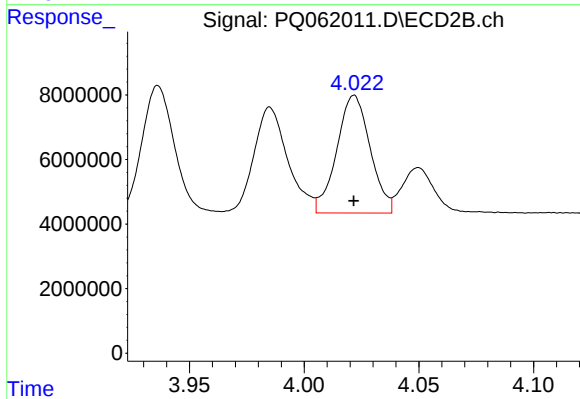
#13 AR-1232-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 38720249
Conc: 1120.54 ng/ml



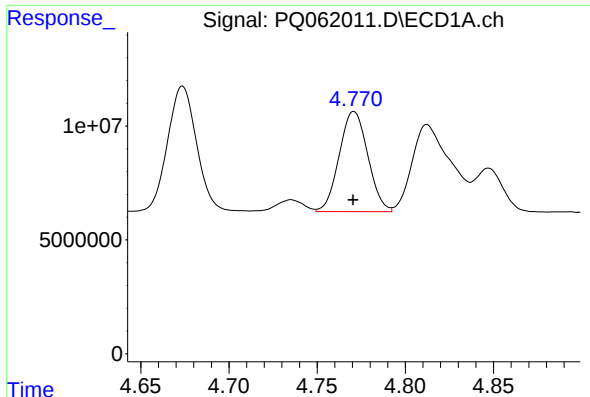
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 63084442
Conc: 1113.26 ng/ml



#14 AR-1232-4

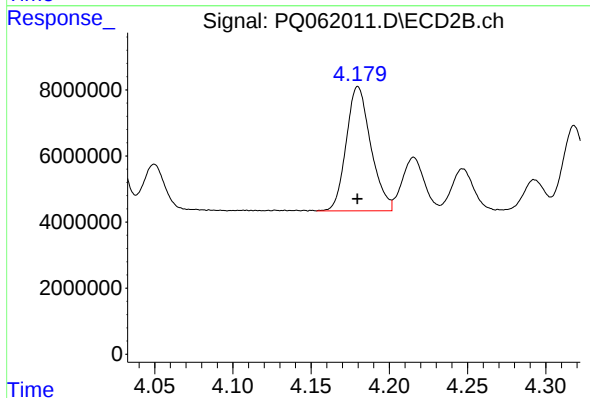
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 37030675
Conc: 1245.15 ng/ml



#15 AR-1232-5

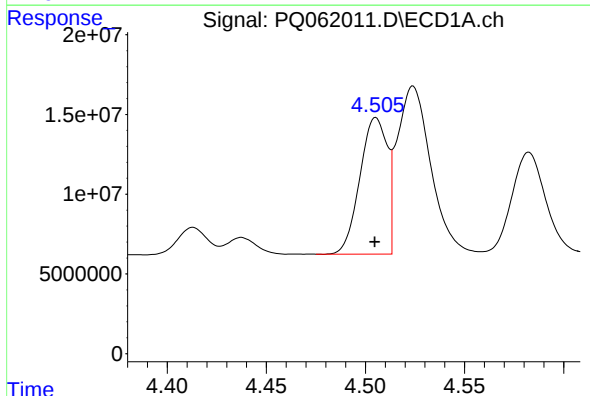
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 49664568
Conc: 1240.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



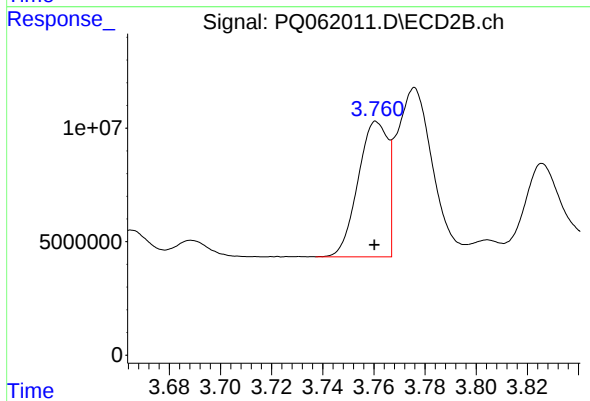
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 41144128
Conc: 1153.76 ng/ml



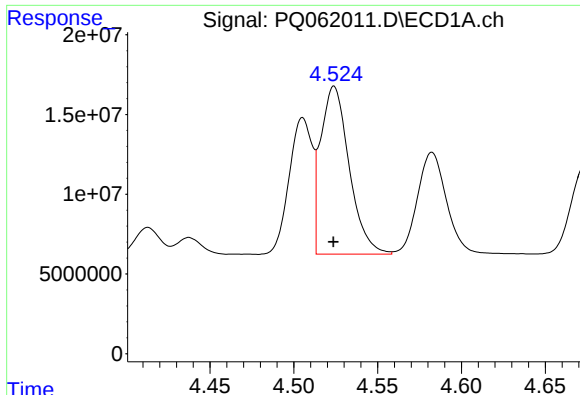
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82224014
Conc: 629.09 ng/ml



#16 AR-1242-1

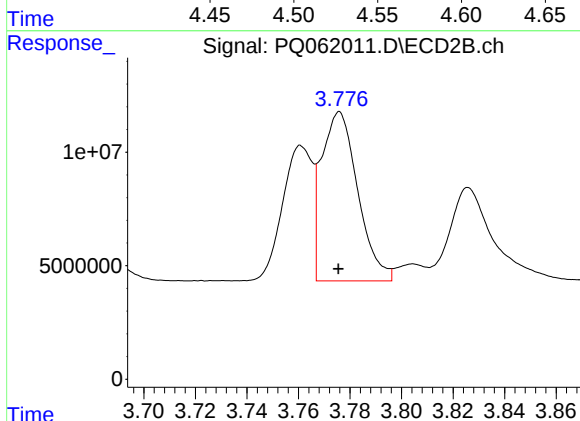
R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 47874261
Conc: 619.02 ng/ml



#17 AR-1242-2

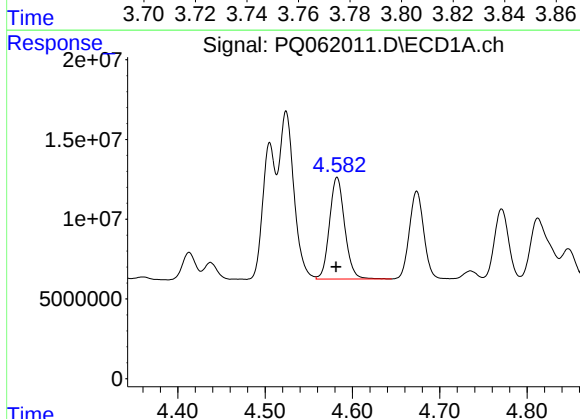
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 124486498
Conc: 641.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



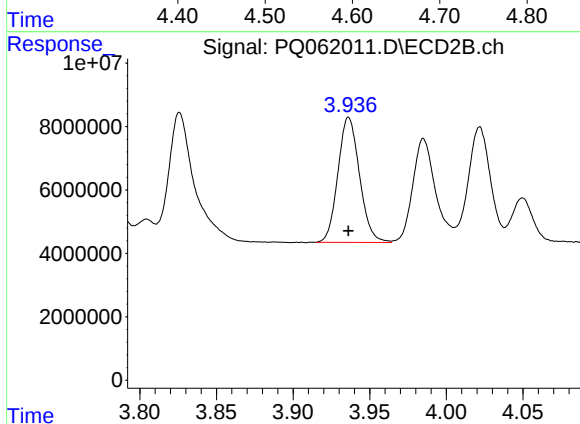
#17 AR-1242-2

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 72868852
Conc: 655.54 ng/ml



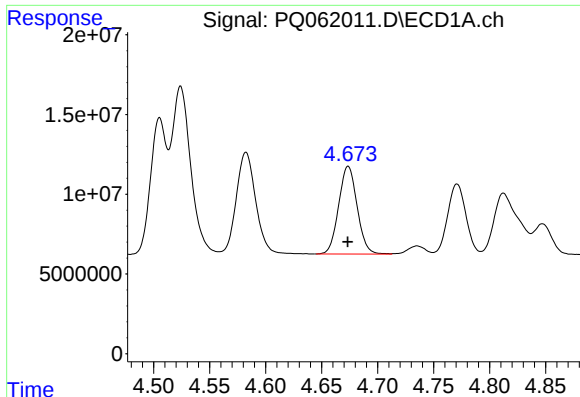
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 77080894
Conc: 637.85 ng/ml



#18 AR-1242-3

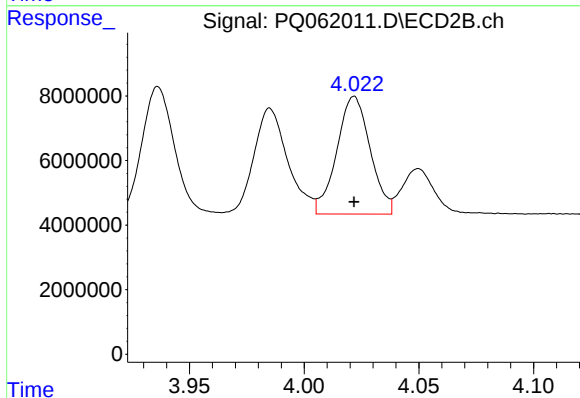
R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 38720249
Conc: 661.03 ng/ml



#19 AR-1242-4

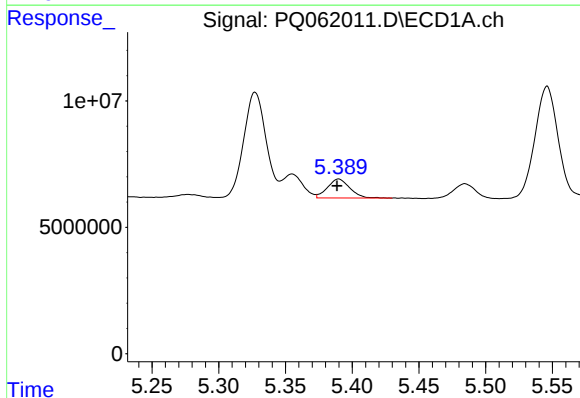
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 63084442
Conc: 647.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



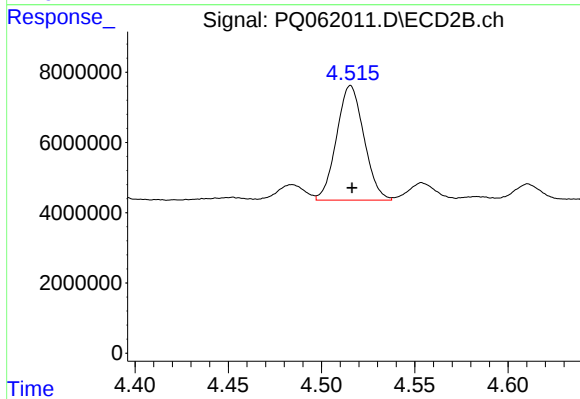
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 37030675
Conc: 631.62 ng/ml



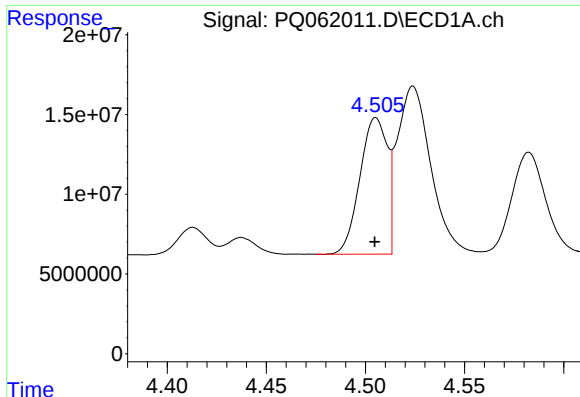
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 8751121
Conc: 91.41 ng/ml



#20 AR-1242-5

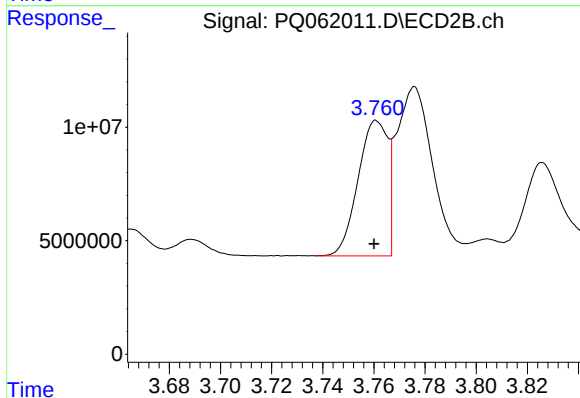
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 33296515
Conc: 401.68 ng/ml



#21 AR-1248-1

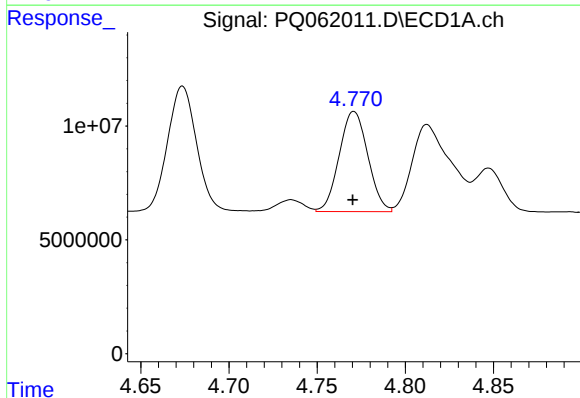
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82224014
Conc: 790.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



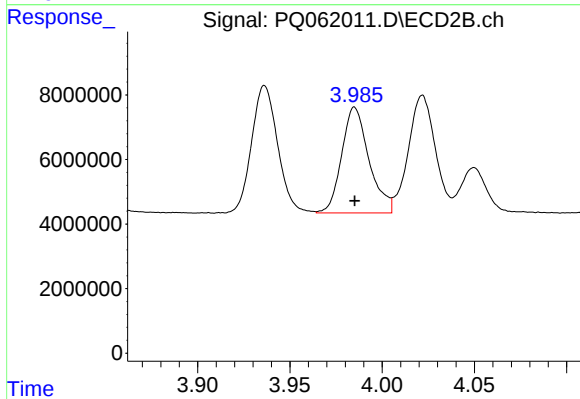
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 47874261
Conc: 765.74 ng/ml



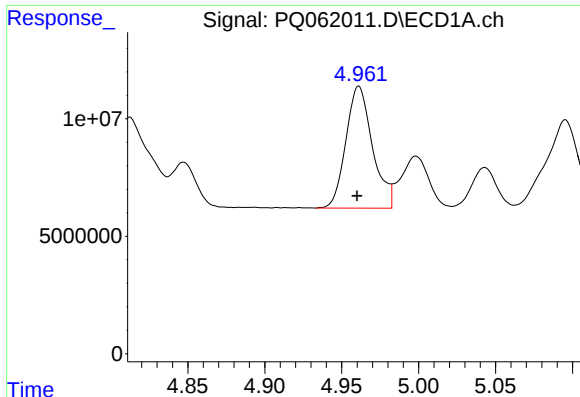
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 49664568
Conc: 345.70 ng/ml



#22 AR-1248-2

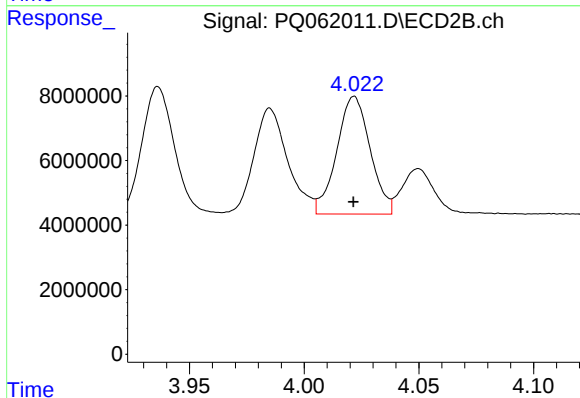
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 33812944
Conc: 360.60 ng/ml



#23 AR-1248-3

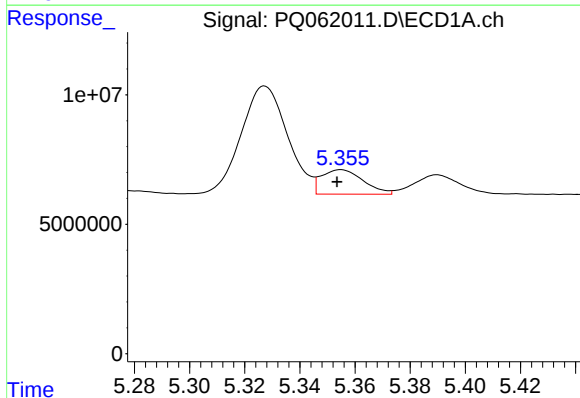
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 62273188
Conc: 358.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



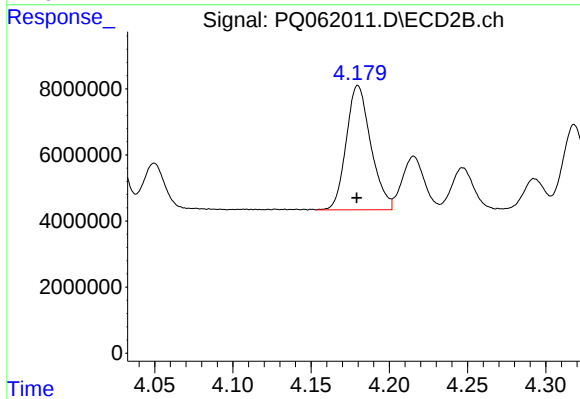
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 37030675
Conc: 408.98 ng/ml



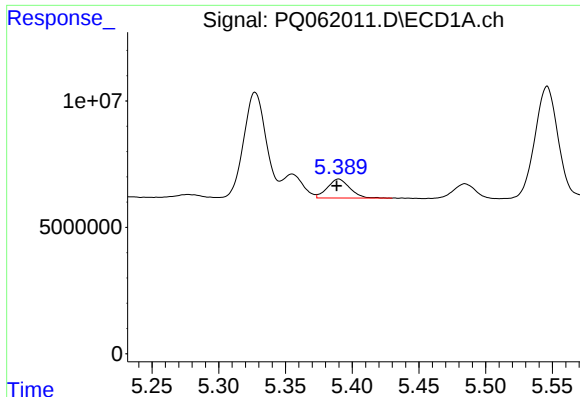
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.001 min
Response: 9988845
Conc: 52.04 ng/ml



#24 AR-1248-4

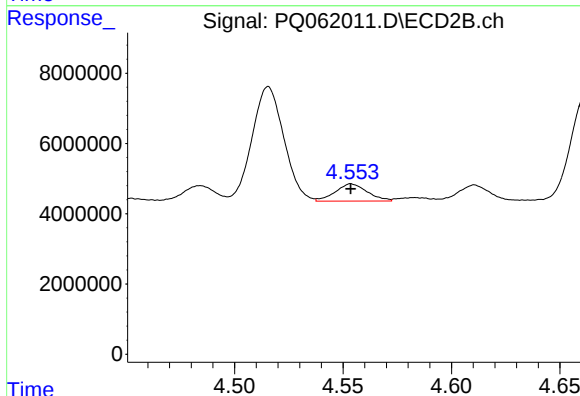
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 41144128
Conc: 364.63 ng/ml



#25 AR-1248-5

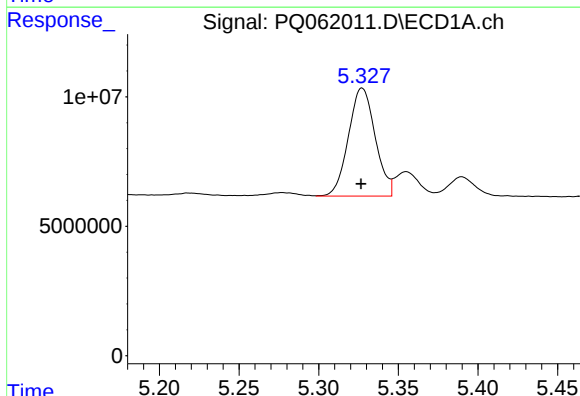
R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 8751121
Conc: 48.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



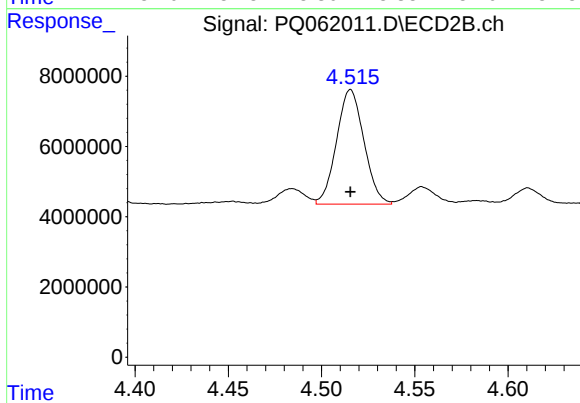
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 5039930
Conc: 44.99 ng/ml



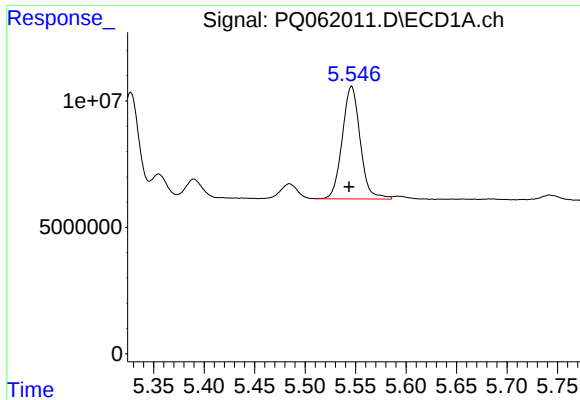
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 48836350
Conc: 262.81 ng/ml



#26 AR-1254-1

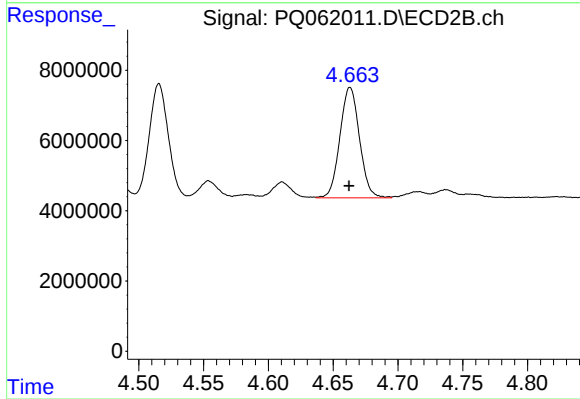
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 33296515
Conc: 206.22 ng/ml



#27 AR-1254-2

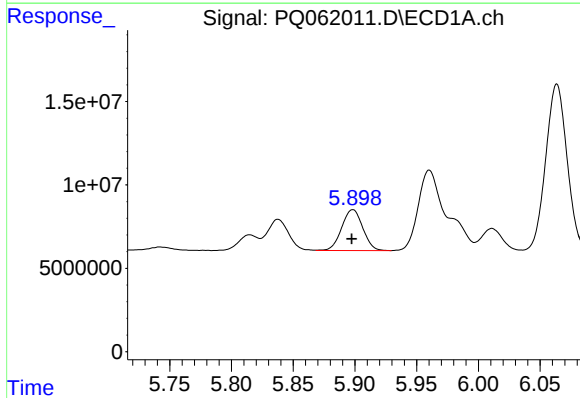
R.T.: 5.546 min
Delta R.T.: 0.003 min
Response: 55018063
Conc: 189.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



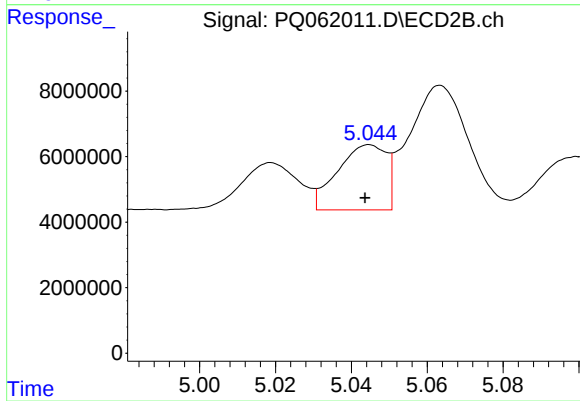
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 33104460
Conc: 224.86 ng/ml



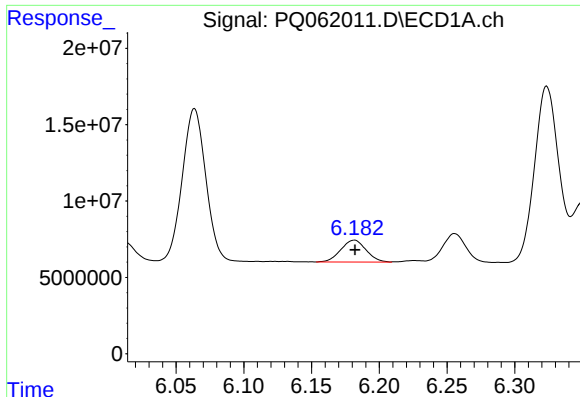
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 29314234
Conc: 95.44 ng/ml



#28 AR-1254-3

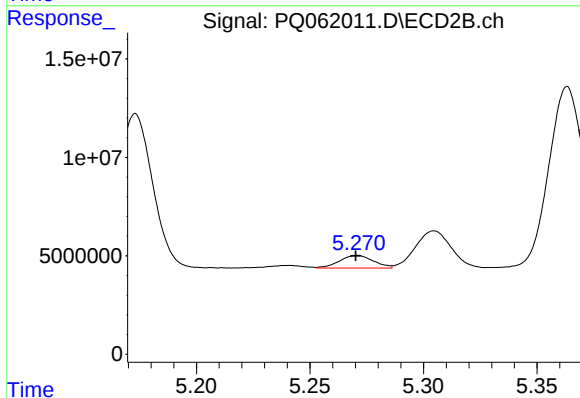
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 17756118
Conc: 75.98 ng/ml



#29 AR-1254-4

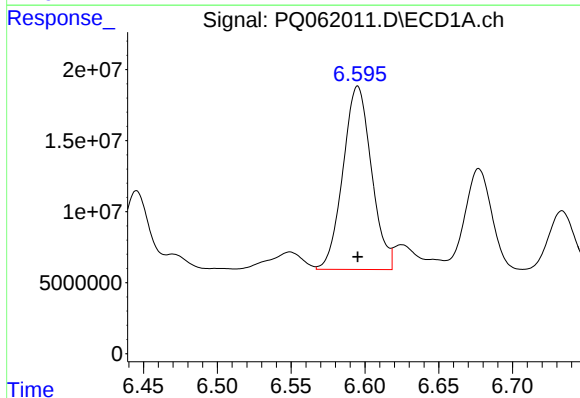
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 18628107
Conc: 80.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



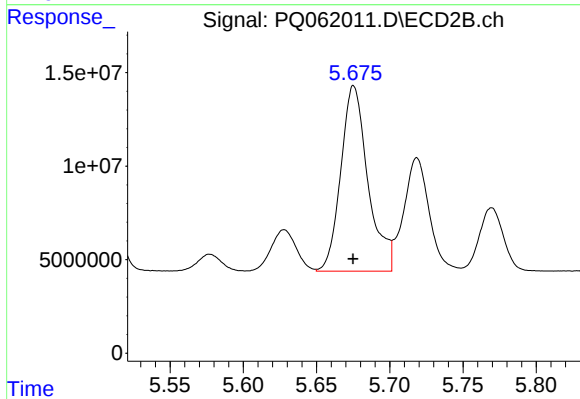
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 6747229
Conc: 44.27 ng/ml



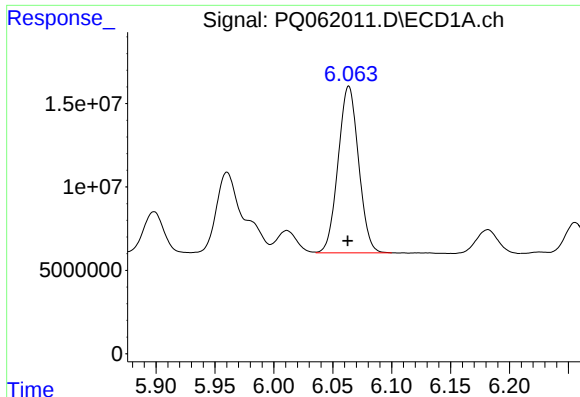
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 173281338
Conc: 674.59 ng/ml



#30 AR-1254-5

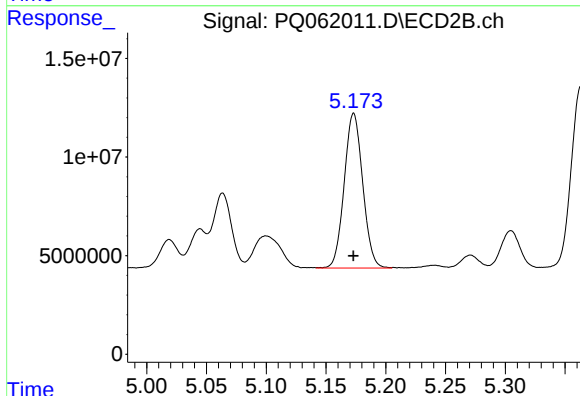
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 128074435
Conc: 554.92 ng/ml



#31 AR-1260-1

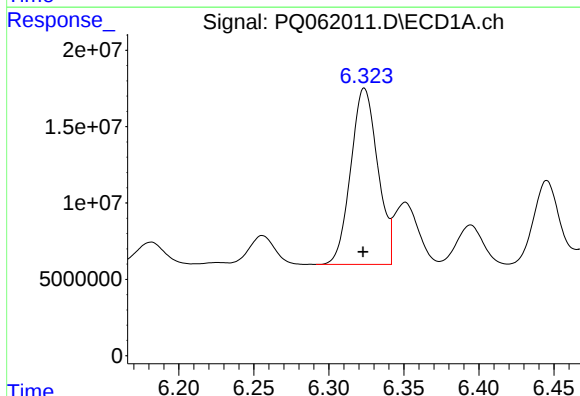
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 120685200
Conc: 511.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



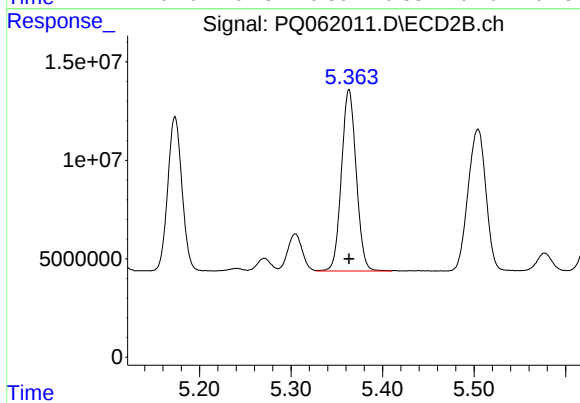
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 84556569
Conc: 507.69 ng/ml



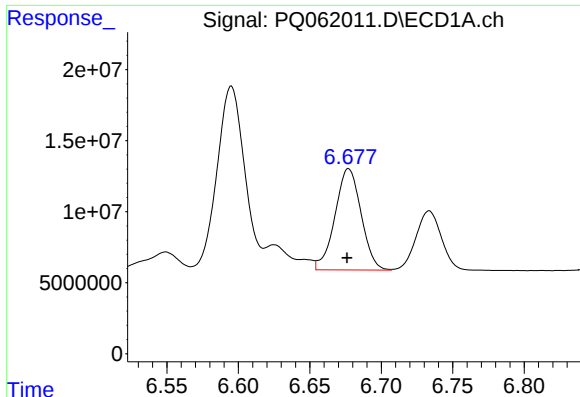
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 144355980
Conc: 499.83 ng/ml



#32 AR-1260-2

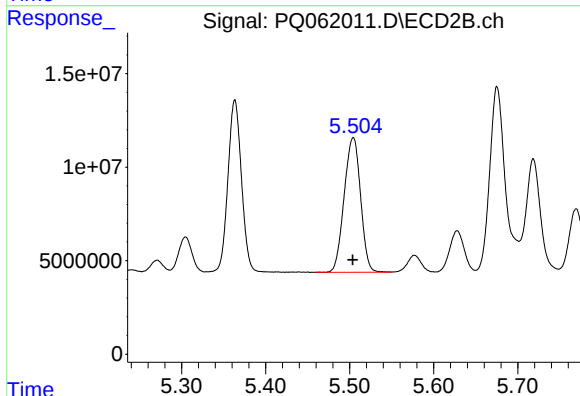
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 103468468
Conc: 497.57 ng/ml



#33 AR-1260-3

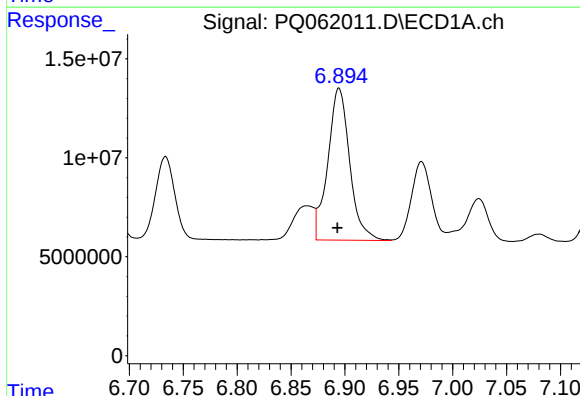
R.T.: 6.677 min
Delta R.T.: 0.001 min
Response: 90678256
Conc: 513.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



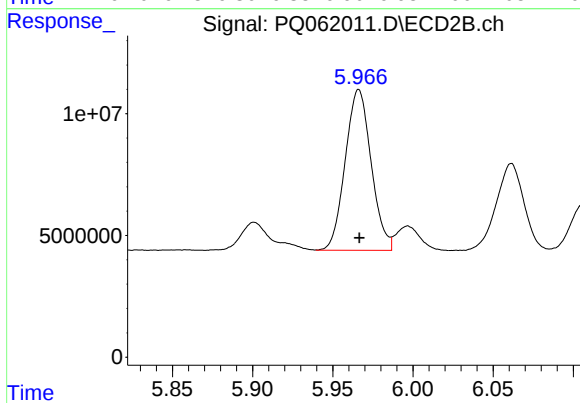
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 97756835
Conc: 502.45 ng/ml



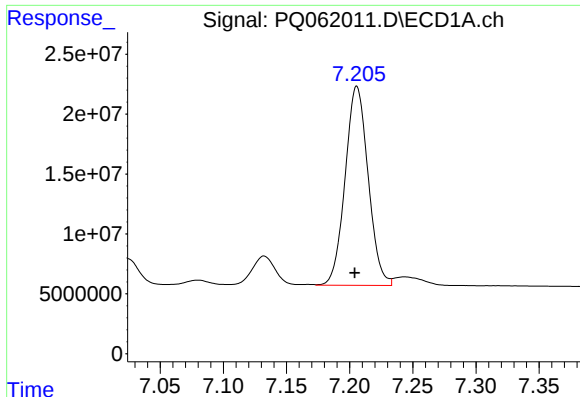
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.002 min
Response: 108440773
Conc: 514.79 ng/ml



#34 AR-1260-4

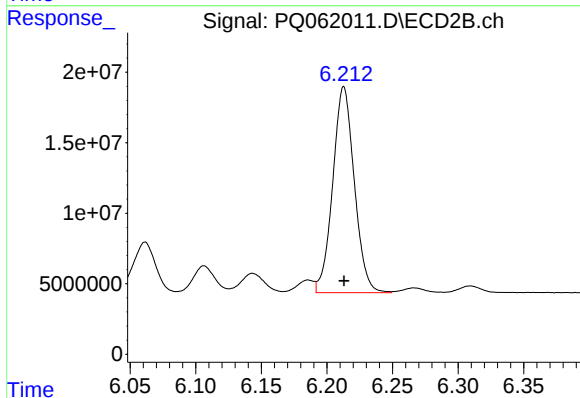
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 74403415
Conc: 510.10 ng/ml



#35 AR-1260-5

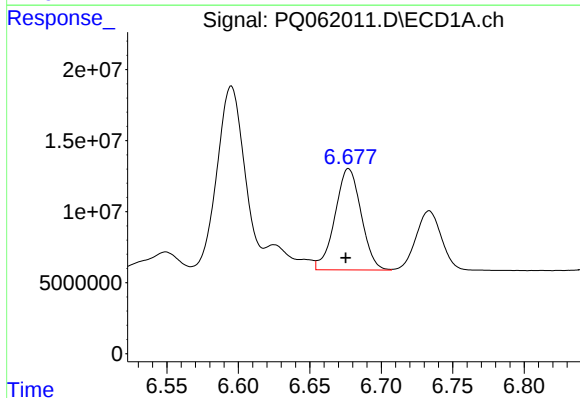
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 210612566
Conc: 512.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



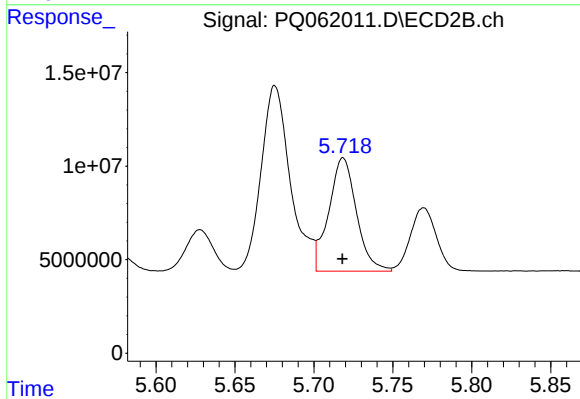
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 167144091
Conc: 503.36 ng/ml



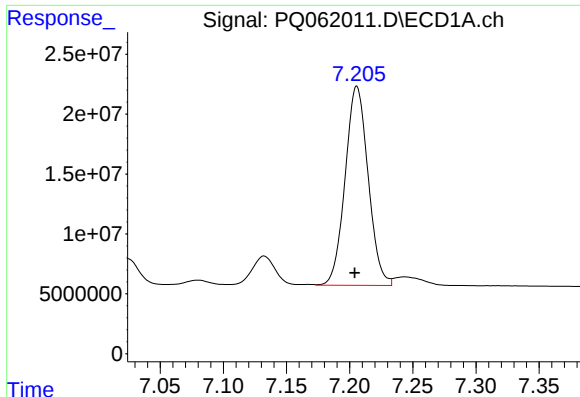
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 90678256
Conc: 297.36 ng/ml



#36 AR-1262-1

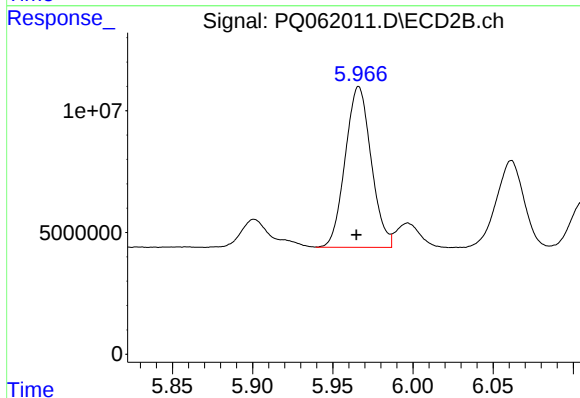
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 73995402
Conc: 318.30 ng/ml



#37 AR-1262-2

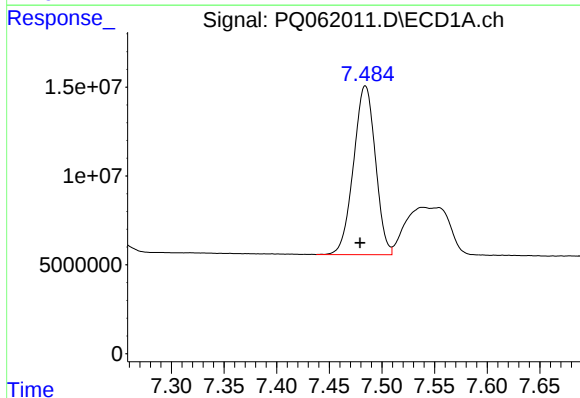
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 210612566
Conc: 399.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



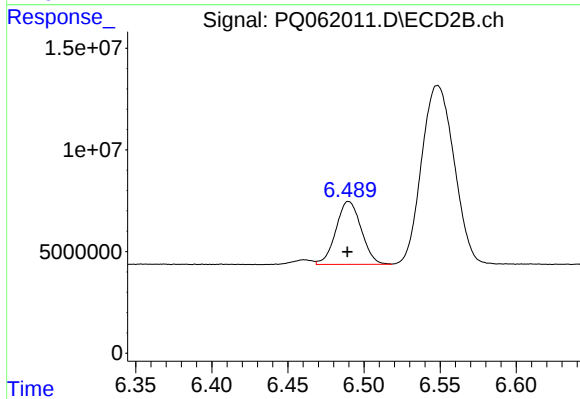
#37 AR-1262-2

R.T.: 5.966 min
Delta R.T.: 0.002 min
Response: 74403415
Conc: 344.13 ng/ml



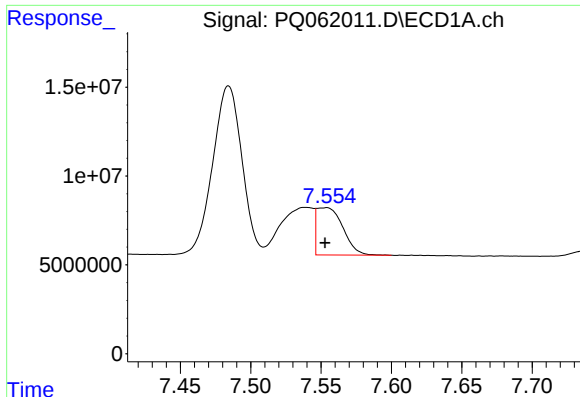
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 137260168
Conc: 389.61 ng/ml



#38 AR-1262-3

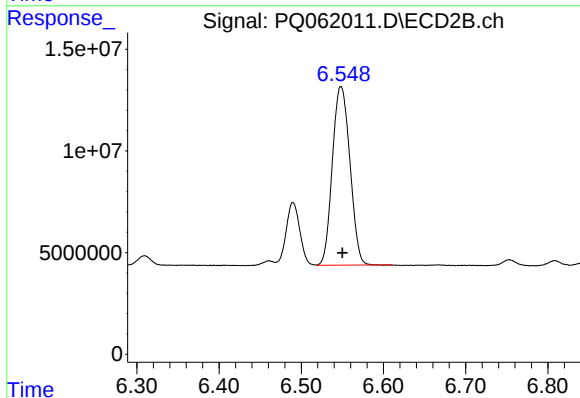
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 35776134
Conc: 205.22 ng/ml



#39 AR-1262-4

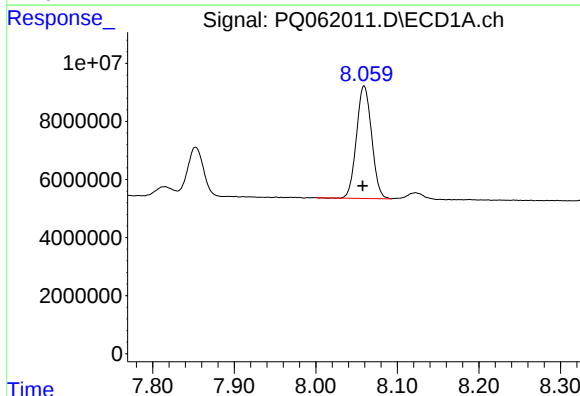
R.T.: 7.554 min
Delta R.T.: 0.001 min
Response: 34294252
Conc: 128.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



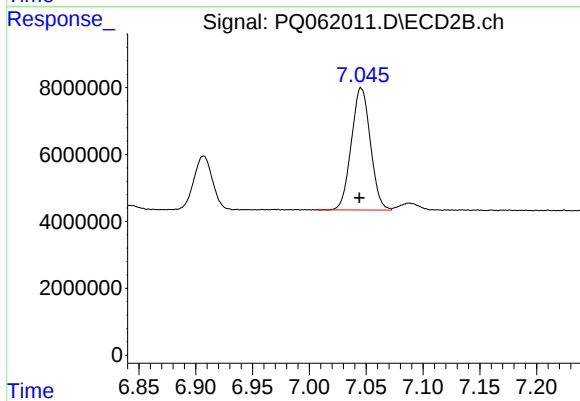
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 130336611
Conc: 404.40 ng/ml



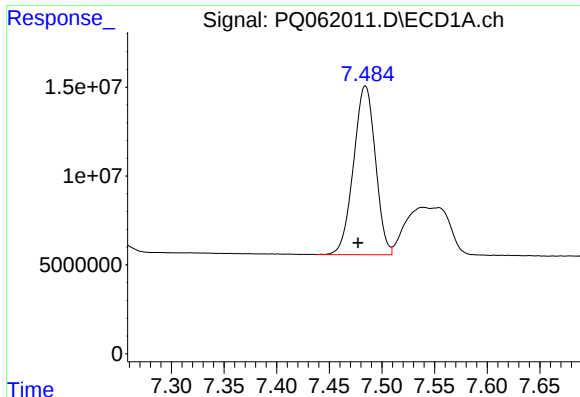
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 50048438
Conc: 281.95 ng/ml



#40 AR-1262-5

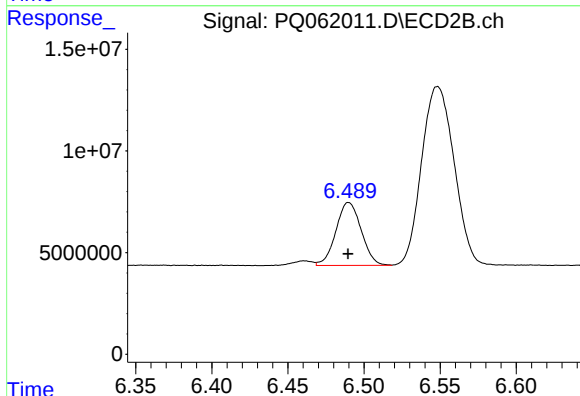
R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 42620591
Conc: 274.77 ng/ml



#41 AR-1268-1

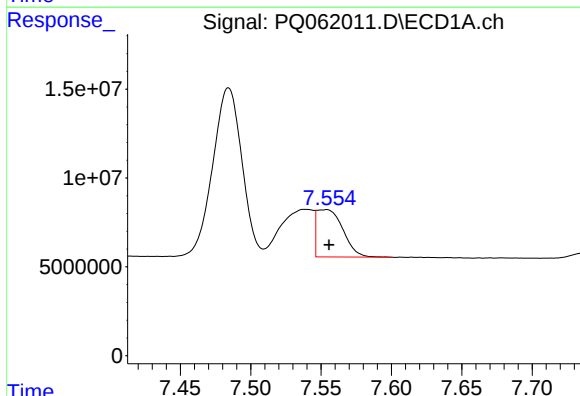
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 137260168
Conc: 241.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



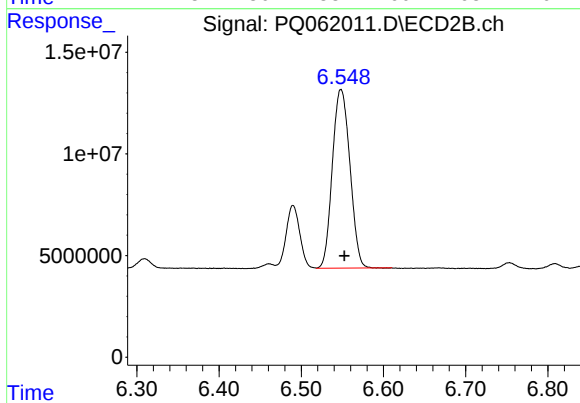
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 35776134
Conc: 76.03 ng/ml



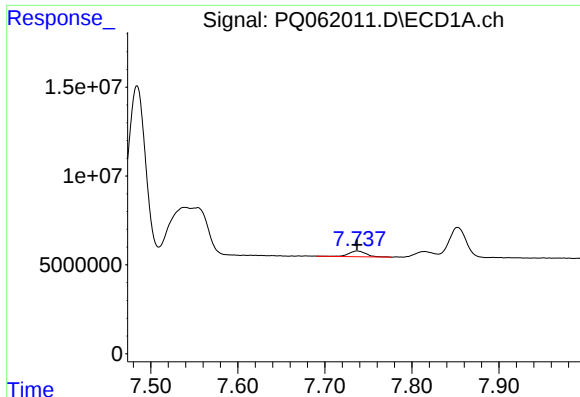
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 34294252
Conc: 67.26 ng/ml



#42 AR-1268-2

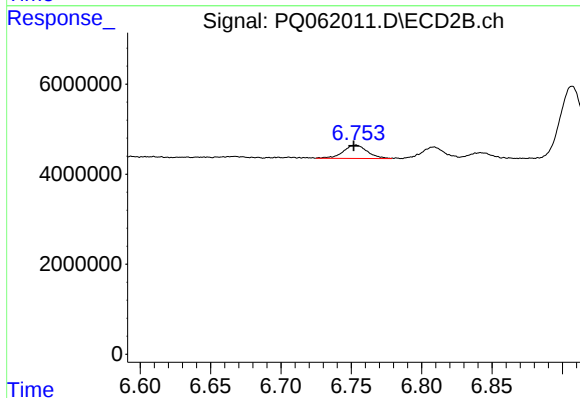
R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 130336611
Conc: 307.61 ng/ml



#43 AR-1268-3

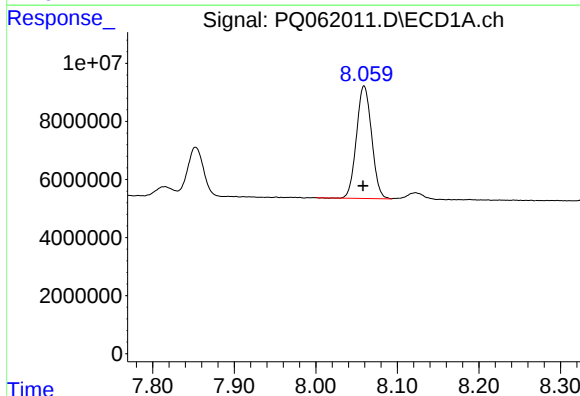
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 4433598
Conc: 10.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



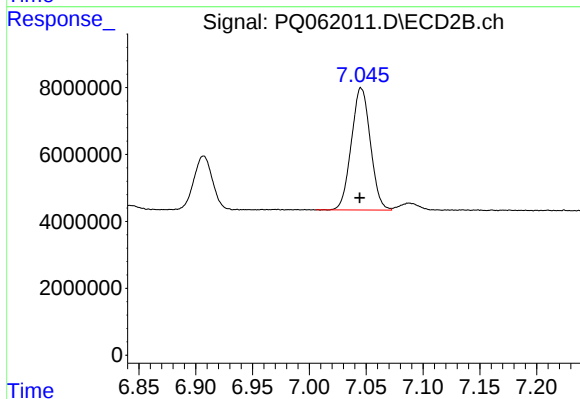
#43 AR-1268-3

R.T.: 6.753 min
Delta R.T.: 0.001 min
Response: 3542809
Conc: 9.62 ng/ml



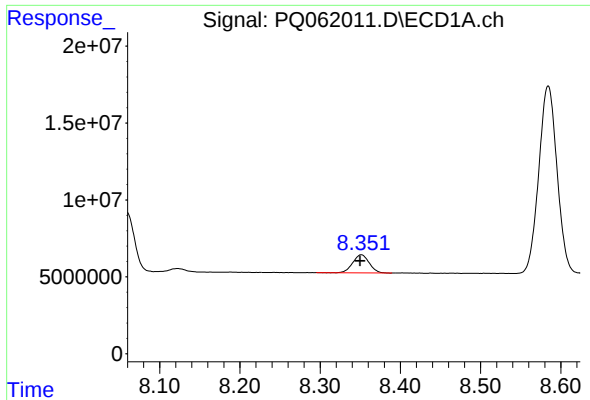
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 50048438
Conc: 273.51 ng/ml



#44 AR-1268-4

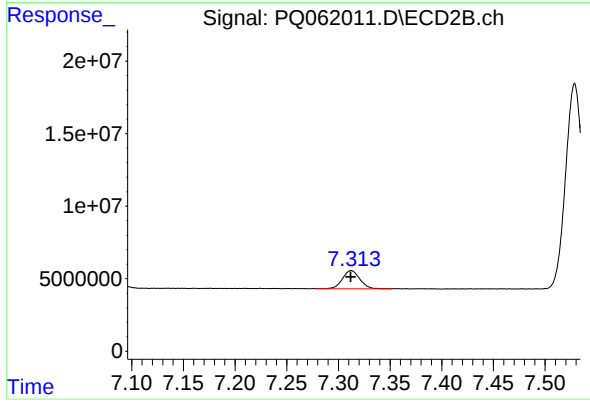
R.T.: 7.046 min
Delta R.T.: 0.001 min
Response: 42620591
Conc: 266.48 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 16764135
Conc: 13.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 14828667
Conc: 12.71 ng/ml