

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011721\
 Data File : PQ051768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2021 01:58
 Operator : DD\AJ
 Sample : PB134168BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 16 05:02:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.233	4.253	552.2E6	168.2E6	21.416	23.027
2)	SA Decachlor...	11.426	9.599	734.1E6	254.1E6	40.039	41.773
Target Compounds							
3)	L1 AR-1016-1	6.556	5.511	91288889	29081501	108.045	113.443
4)	L1 AR-1016-2	6.580	5.532	133.9E6	40277221	108.094	112.512
5)	L1 AR-1016-3	6.647	5.725	79499939	20658107	108.633	112.226
6)	L1 AR-1016-4	6.755	5.775	66234801	16654585	107.762	115.412
7)	L1 AR-1016-5	7.069	6.005	63355053	14631552	106.480	76.900 #
8)	L2 AR-1221-1	5.489	4.507	18292338	2539913	68.915	32.952 #
9)	L2 AR-1221-2	5.585	4.609	16523004	5106817	90.463	95.492
10)	L2 AR-1221-3	5.670	4.699	47346392	14240255	76.710	77.740
11)	L3 AR-1232-1	5.670	4.699	47346392	14240255	102.854	104.170
12)	L3 AR-1232-2	6.262	5.532	67689705	40277221	274.266	286.401
13)	L3 AR-1232-3	6.580	5.725	133.9E6	20658107	264.582	288.683
14)	L3 AR-1232-4	6.755	5.820	66234801	20248342	265.220	329.359
15)	L3 AR-1232-5	6.849	6.005	55941493	14631552	315.322	228.085 #
16)	L4 AR-1242-1	6.556	5.511	91288889	29081501	129.918	138.319
17)	L4 AR-1242-2	6.580	5.532	133.9E6	40277221	129.935	138.026
18)	L4 AR-1242-3	6.647	5.725	79499939	20658107	129.297	136.913
19)	L4 AR-1242-4	6.755	5.820	66234801	20248342	128.874	139.869
20)	L4 AR-1242-5	7.536	6.385	9399765	18406944	17.051	96.334 #
21)	L5 AR-1248-1	6.556	5.511	91288889	29081501	161.366	173.056
22)	L5 AR-1248-2	6.849	5.775	55941493	16654585	69.536	73.536
23)	L5 AR-1248-3	7.069	5.820	63355053	20248342	68.339	86.107 #
24)	L5 AR-1248-4	7.496	6.005	8829188	14631552	8.321	53.227 #
25)	L5 AR-1248-5	7.536	6.427	9399765	2175550	9.059	7.540
26)	L6 AR-1254-1	7.467	6.385	54322594	18406944	55.236	43.373
27)	L6 AR-1254-2	7.693	6.543	53726316	15833918	35.283	43.137
28)	L6 AR-1254-3	8.077	6.983	39131499	31306984	23.684	51.304 #
29)	L6 AR-1254-4	8.371	7.203	28212604	2817613	23.728	7.461 #
30)	L6 AR-1254-5	8.799	7.633	168.3E6	57384993	133.314	109.258
31)	L7 AR-1260-1	8.243	7.102	139.1E6	40844204	134.298	115.139
32)	L7 AR-1260-2	8.506	7.297	142.8E6	51311585	115.451	115.981
33)	L7 AR-1260-3	8.872	7.453	86170547	47860927	94.891	115.499
34)	L7 AR-1260-4	9.115	7.938	103.8E6	32684516	97.335	94.247
35)	L7 AR-1260-5	9.461	8.182	197.7E6	78805281	88.782	91.271
36)	L8 AR-1262-1	8.872	7.633	86170547	57384993	56.791	200.163 #
37)	L8 AR-1262-2	9.461	8.182	197.7E6	78805281	70.463	77.292
38)	L8 AR-1262-3	9.820	8.470	125.7E6	19449655	104.723	51.688 #
39)	L8 AR-1262-4	9.876	8.533	66949240	56612427	95.030	77.205
40)	L8 AR-1262-5	10.610	9.036	45375730	18280575	47.669	55.532
41)	L9 AR-1268-1	9.820	8.470	125.7E6	19449655	38.087	16.747 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2021 01:58
 Operator : DD\AJ
 Sample : PB134168BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

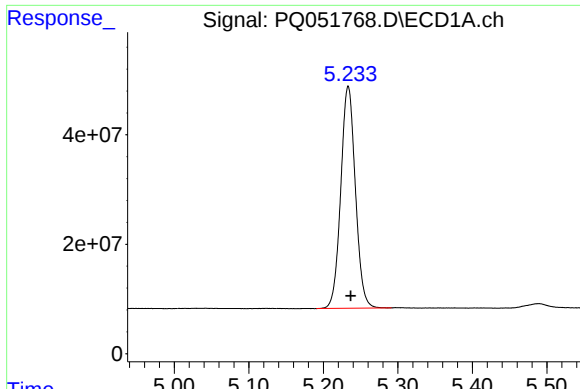
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 16 05:02:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.876	8.533	66949240	56612427	22.299	53.204 #
43) L9	AR-1268-3	10.140	8.745	5755255	1746103	2.251	1.959
44) L9	AR-1268-4	10.610	9.036	45375730	18280575	41.778	49.558
45) L9	AR-1268-5	11.059	9.336	18652395	6722963	2.231	2.414

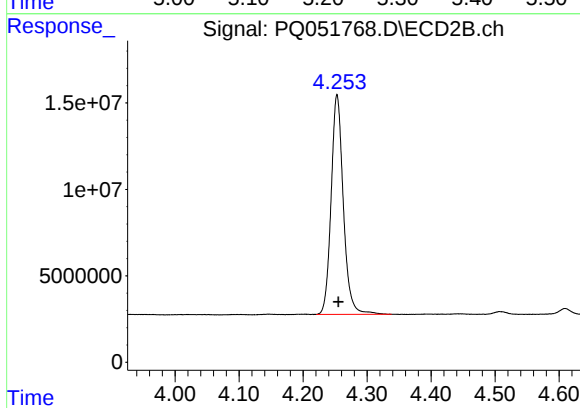
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

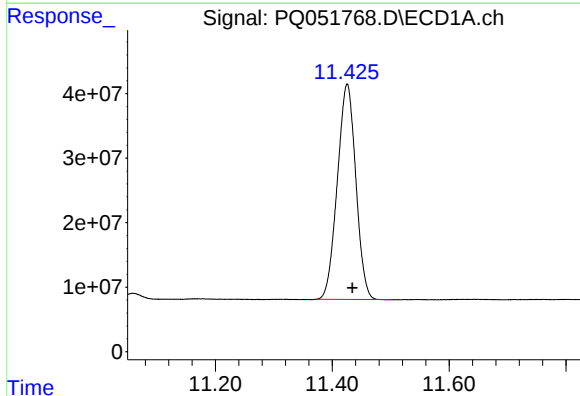
R.T.: 5.233 min
Delta R.T.: -0.004 min
Response: 552218662
Conc: 21.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



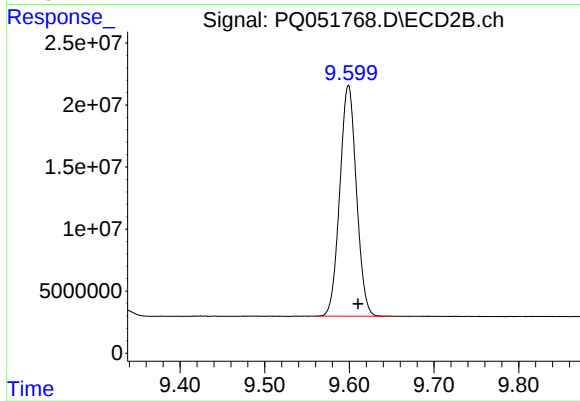
#1 Tetrachloro-m-xylene

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 168168869
Conc: 23.03 ng/ml



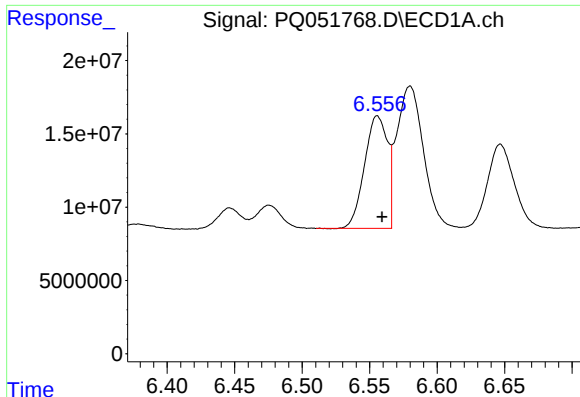
#2 Decachlorobiphenyl

R.T.: 11.426 min
Delta R.T.: -0.009 min
Response: 734095046
Conc: 40.04 ng/ml



#2 Decachlorobiphenyl

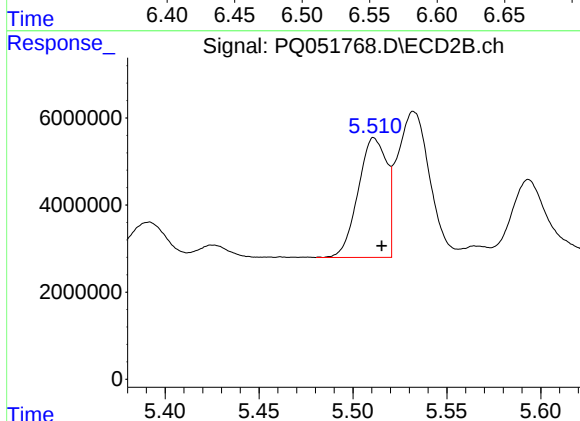
R.T.: 9.599 min
Delta R.T.: -0.012 min
Response: 254055710
Conc: 41.77 ng/ml



#3 AR-1016-1

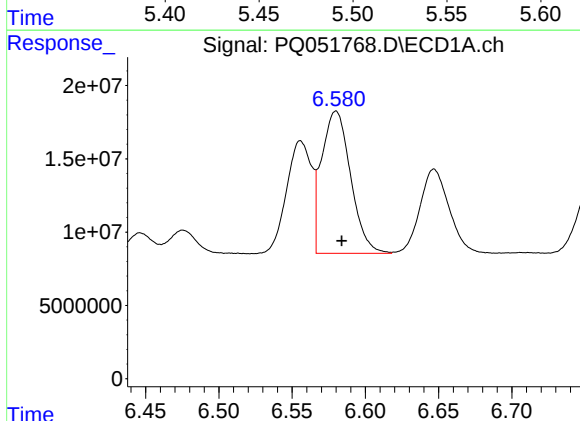
R.T.: 6.556 min
Delta R.T.: -0.004 min
Response: 91288889
Conc: 108.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



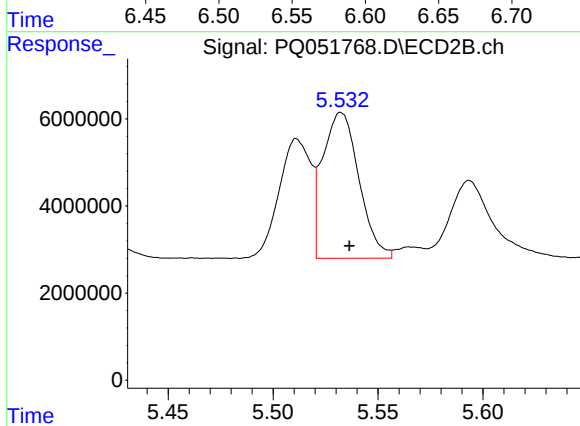
#3 AR-1016-1

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 29081501
Conc: 113.44 ng/ml



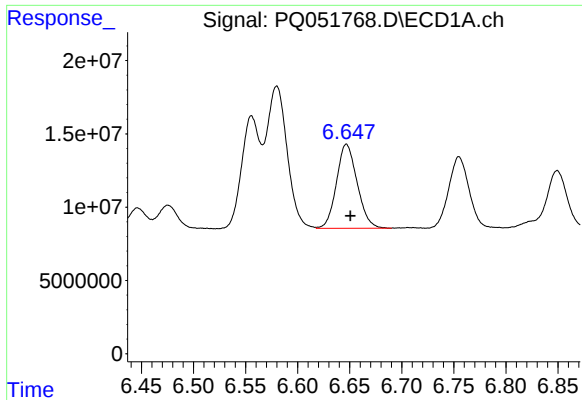
#4 AR-1016-2

R.T.: 6.580 min
Delta R.T.: -0.004 min
Response: 133892727
Conc: 108.09 ng/ml



#4 AR-1016-2

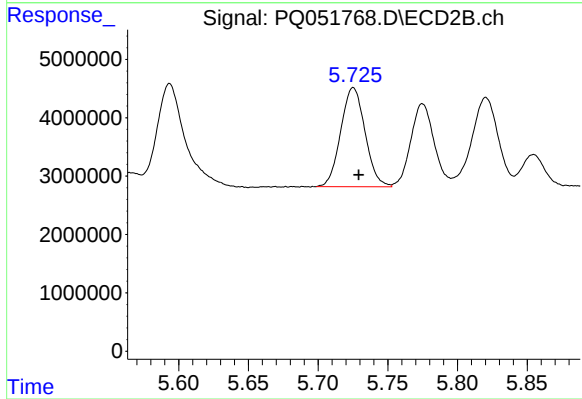
R.T.: 5.532 min
Delta R.T.: -0.004 min
Response: 40277221
Conc: 112.51 ng/ml



#5 AR-1016-3

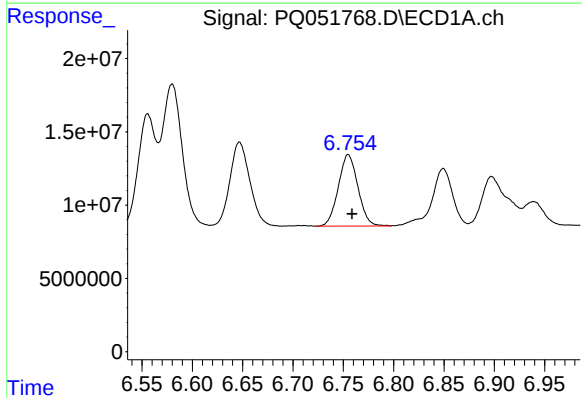
R.T.: 6.647 min
Delta R.T.: -0.004 min
Response: 79499939
Conc: 108.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



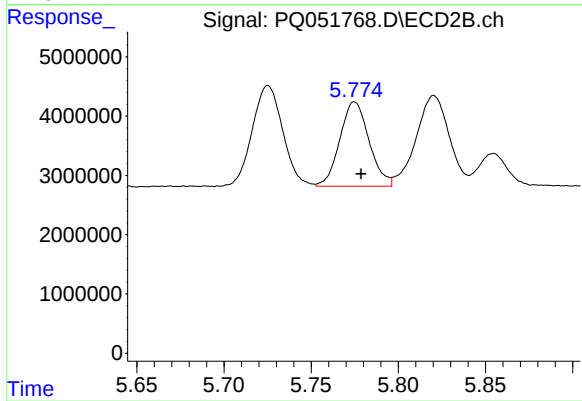
#5 AR-1016-3

R.T.: 5.725 min
Delta R.T.: -0.004 min
Response: 20658107
Conc: 112.23 ng/ml



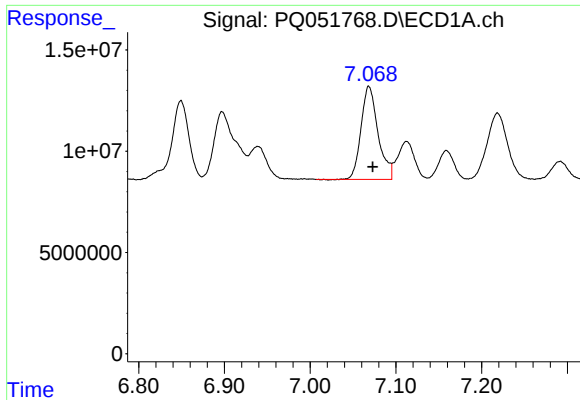
#6 AR-1016-4

R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 66234801
Conc: 107.76 ng/ml



#6 AR-1016-4

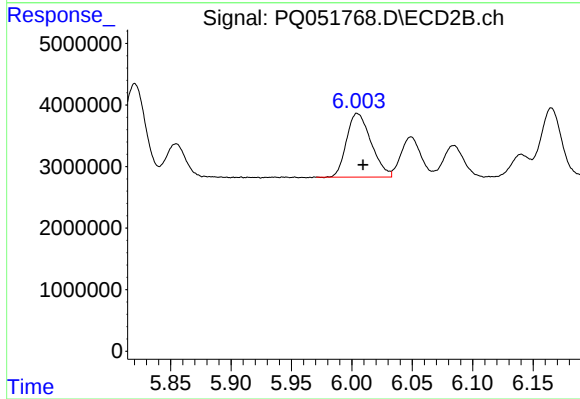
R.T.: 5.775 min
Delta R.T.: -0.004 min
Response: 16654585
Conc: 115.41 ng/ml



#7 AR-1016-5

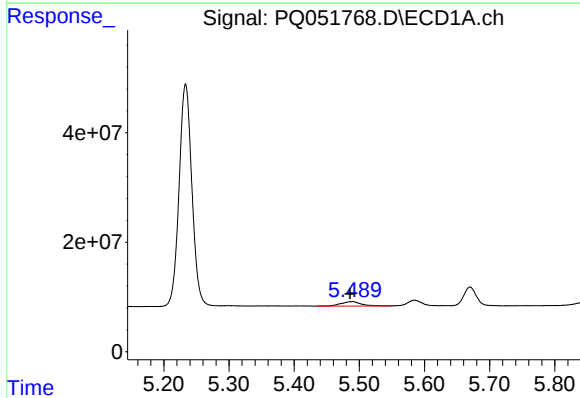
R.T.: 7.069 min
Delta R.T.: -0.004 min
Response: 63355053
Conc: 106.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



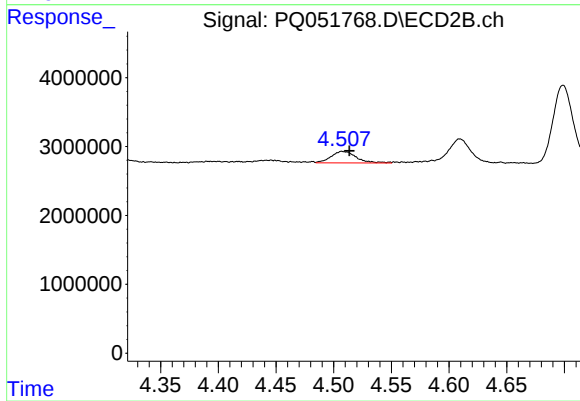
#7 AR-1016-5

R.T.: 6.005 min
Delta R.T.: -0.005 min
Response: 14631552
Conc: 76.90 ng/ml



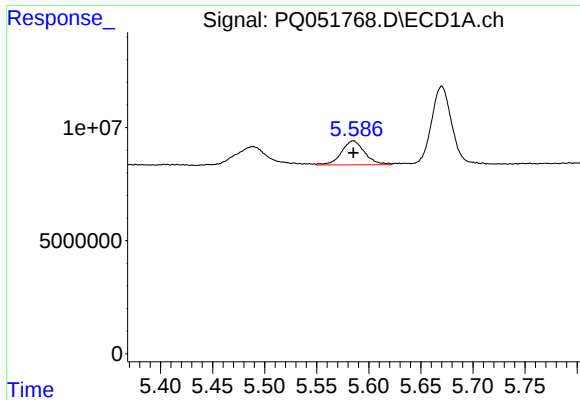
#8 AR-1221-1

R.T.: 5.489 min
Delta R.T.: 0.003 min
Response: 18292338
Conc: 68.92 ng/ml



#8 AR-1221-1

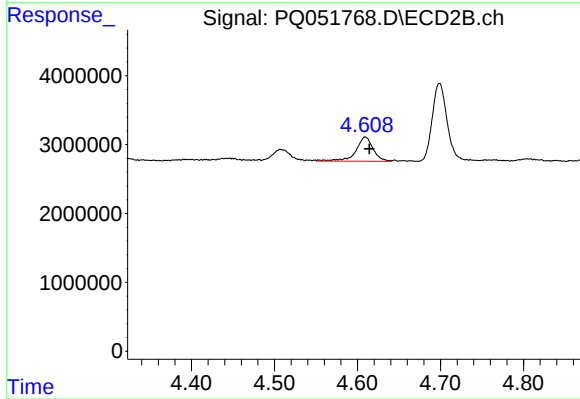
R.T.: 4.507 min
Delta R.T.: -0.006 min
Response: 2539913
Conc: 32.95 ng/ml



#9 AR-1221-2

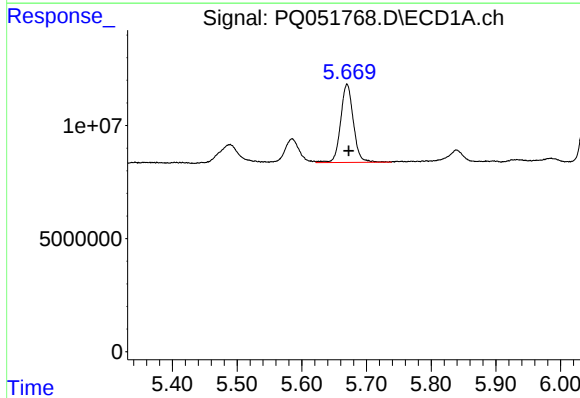
R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 16523004
Conc: 90.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



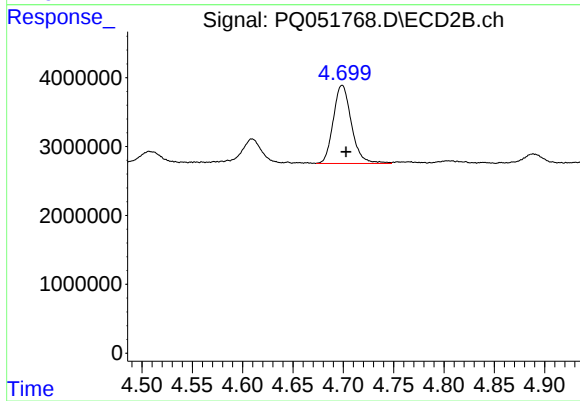
#9 AR-1221-2

R.T.: 4.609 min
Delta R.T.: -0.005 min
Response: 5106817
Conc: 95.49 ng/ml



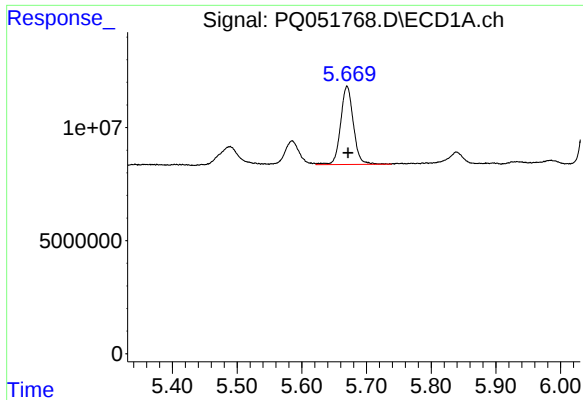
#10 AR-1221-3

R.T.: 5.670 min
Delta R.T.: -0.002 min
Response: 47346392
Conc: 76.71 ng/ml



#10 AR-1221-3

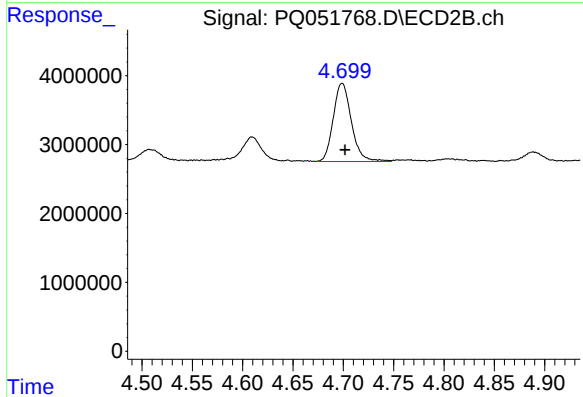
R.T.: 4.699 min
Delta R.T.: -0.004 min
Response: 14240255
Conc: 77.74 ng/ml



#11 AR-1232-1

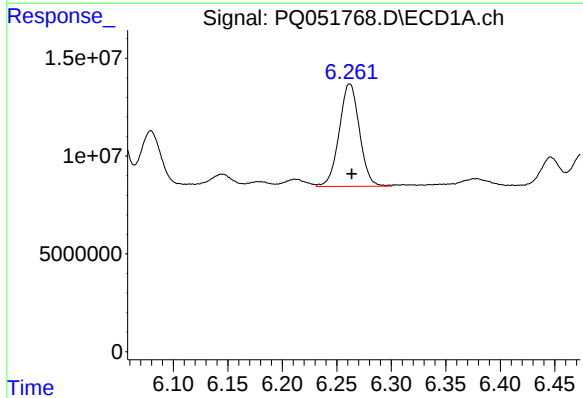
R.T.: 5.670 min
Delta R.T.: -0.002 min
Response: 47346392
Conc: 102.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



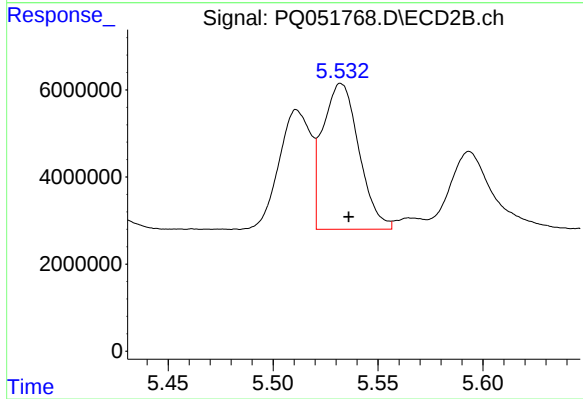
#11 AR-1232-1

R.T.: 4.699 min
Delta R.T.: -0.003 min
Response: 14240255
Conc: 104.17 ng/ml



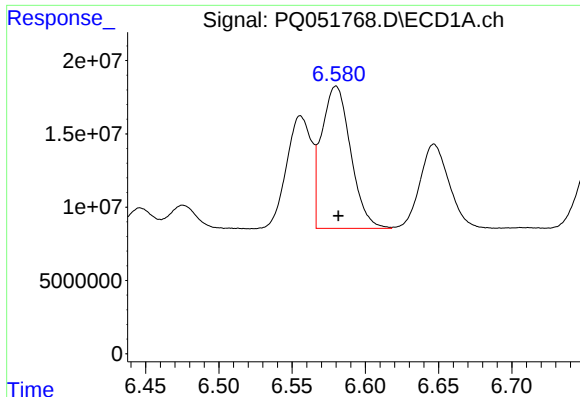
#12 AR-1232-2

R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 67689705
Conc: 274.27 ng/ml



#12 AR-1232-2

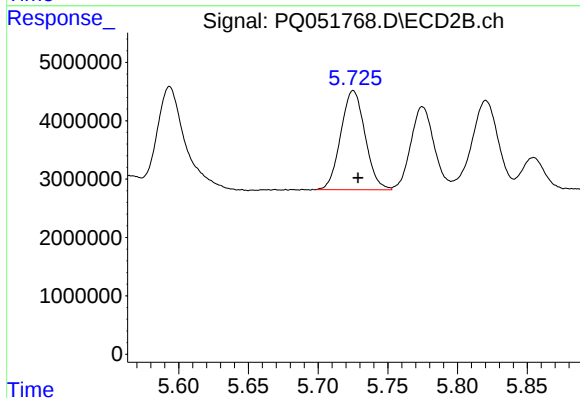
R.T.: 5.532 min
Delta R.T.: -0.004 min
Response: 40277221
Conc: 286.40 ng/ml



#13 AR-1232-3

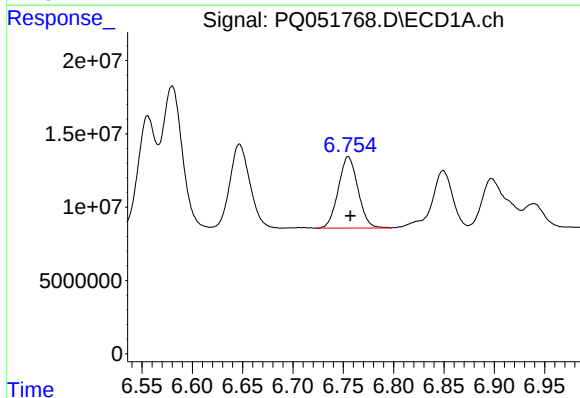
R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 133892727
Conc: 264.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



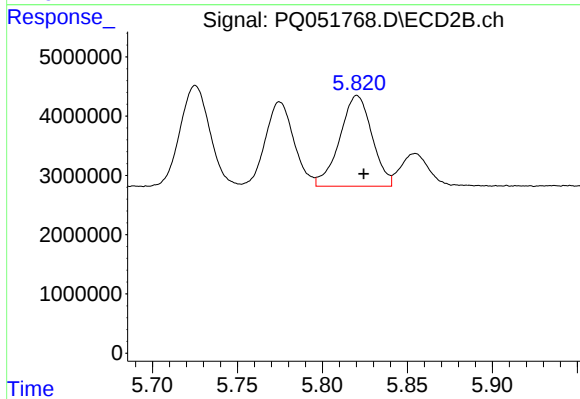
#13 AR-1232-3

R.T.: 5.725 min
Delta R.T.: -0.003 min
Response: 20658107
Conc: 288.68 ng/ml



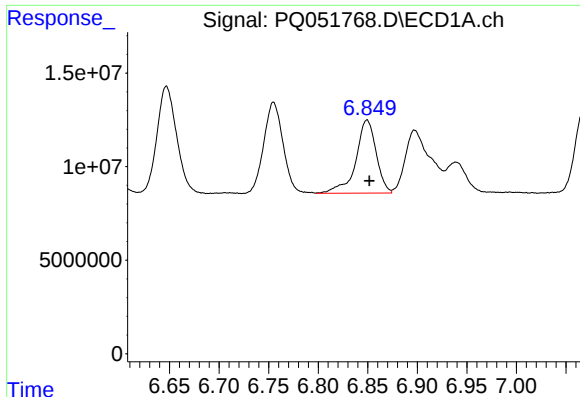
#14 AR-1232-4

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 66234801
Conc: 265.22 ng/ml



#14 AR-1232-4

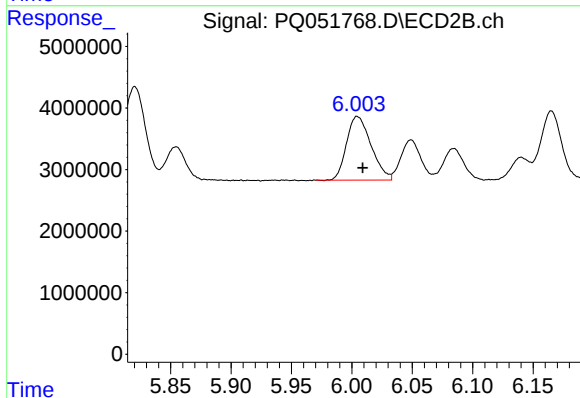
R.T.: 5.820 min
Delta R.T.: -0.004 min
Response: 20248342
Conc: 329.36 ng/ml



#15 AR-1232-5

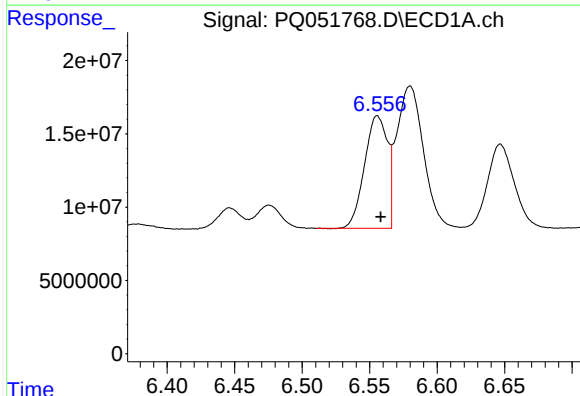
R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 55941493
Conc: 315.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



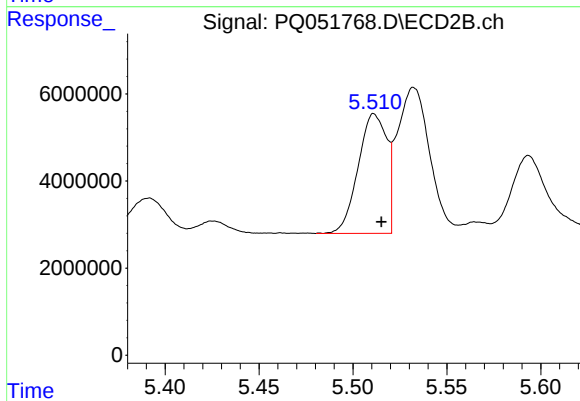
#15 AR-1232-5

R.T.: 6.005 min
Delta R.T.: -0.004 min
Response: 14631552
Conc: 228.08 ng/ml



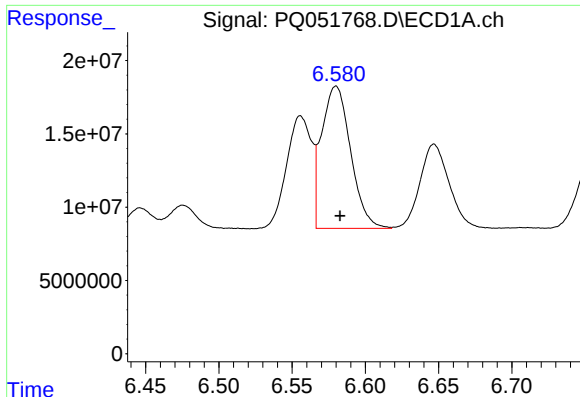
#16 AR-1242-1

R.T.: 6.556 min
Delta R.T.: -0.003 min
Response: 91288889
Conc: 129.92 ng/ml



#16 AR-1242-1

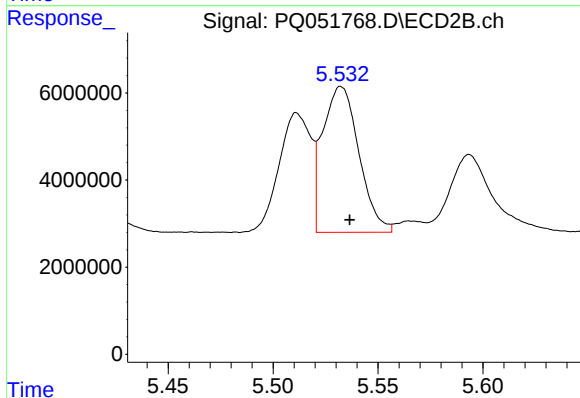
R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 29081501
Conc: 138.32 ng/ml



#17 AR-1242-2

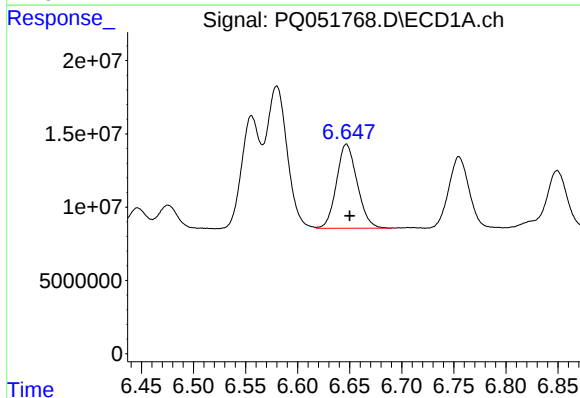
R.T.: 6.580 min
Delta R.T.: -0.003 min
Response: 133892727
Conc: 129.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



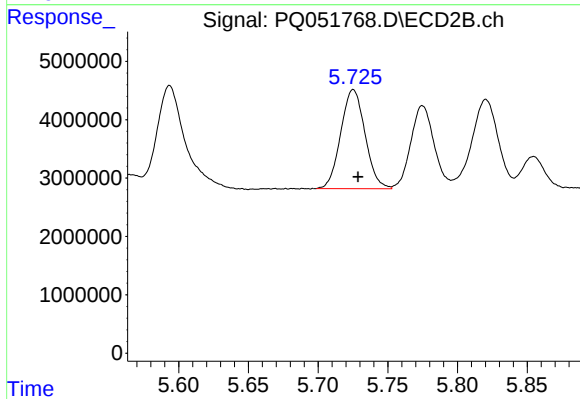
#17 AR-1242-2

R.T.: 5.532 min
Delta R.T.: -0.004 min
Response: 40277221
Conc: 138.03 ng/ml



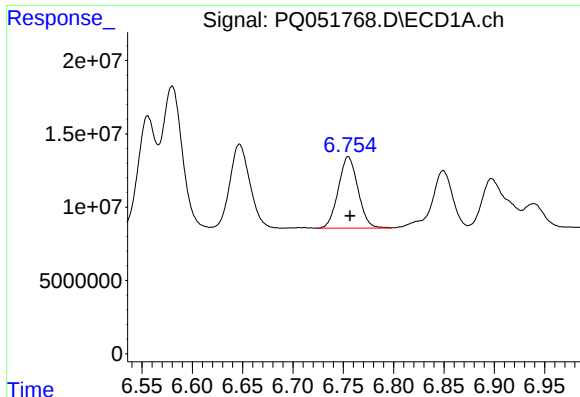
#18 AR-1242-3

R.T.: 6.647 min
Delta R.T.: -0.003 min
Response: 79499939
Conc: 129.30 ng/ml



#18 AR-1242-3

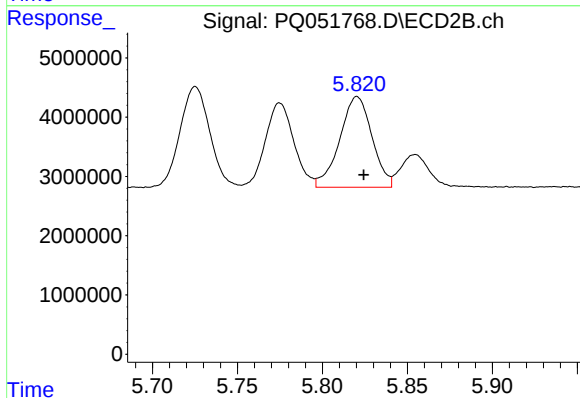
R.T.: 5.725 min
Delta R.T.: -0.003 min
Response: 20658107
Conc: 136.91 ng/ml



#19 AR-1242-4

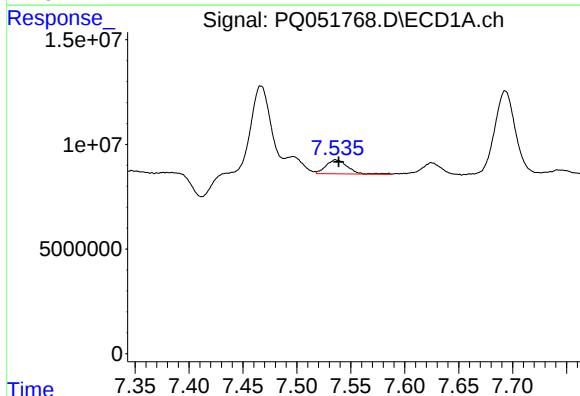
R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 66234801
Conc: 128.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



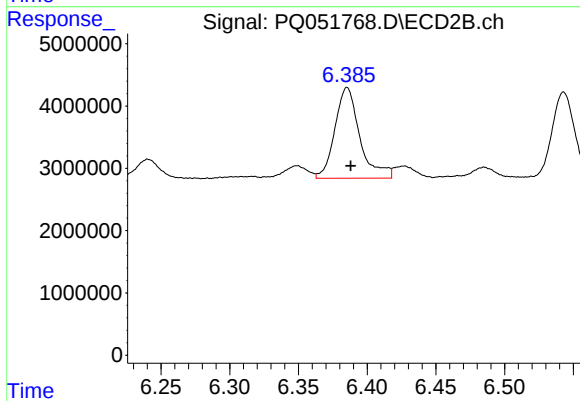
#19 AR-1242-4

R.T.: 5.820 min
Delta R.T.: -0.004 min
Response: 20248342
Conc: 139.87 ng/ml



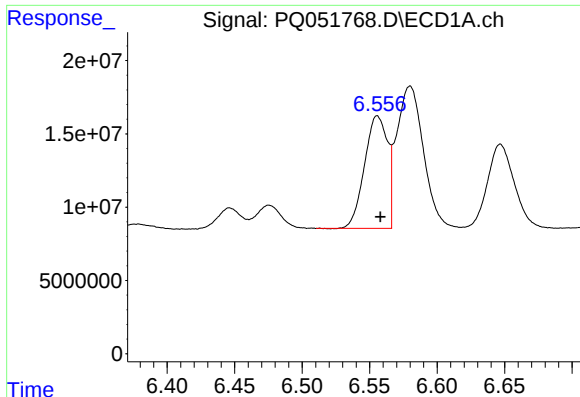
#20 AR-1242-5

R.T.: 7.536 min
Delta R.T.: -0.003 min
Response: 9399765
Conc: 17.05 ng/ml



#20 AR-1242-5

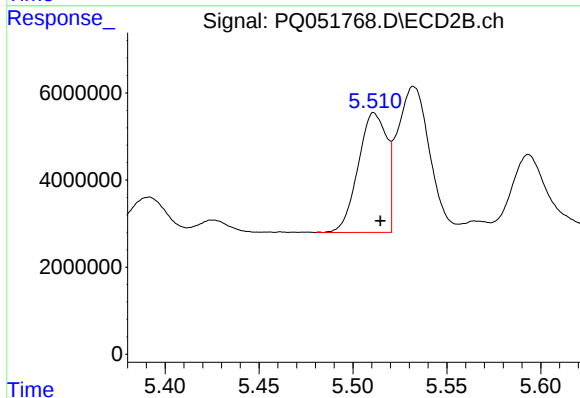
R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 18406944
Conc: 96.33 ng/ml



#21 AR-1248-1

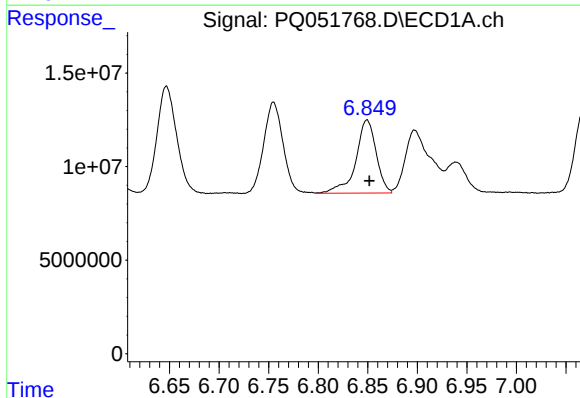
R.T.: 6.556 min
Delta R.T.: -0.002 min
Response: 91288889
Conc: 161.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



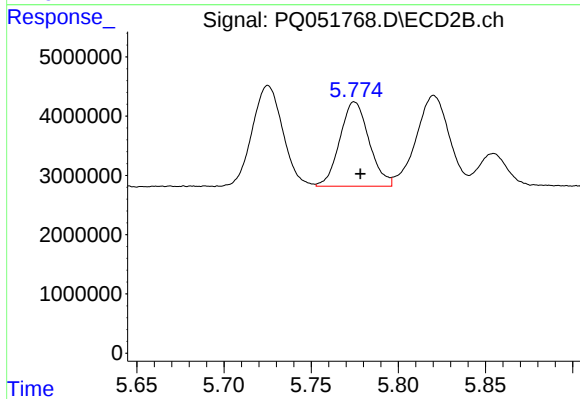
#21 AR-1248-1

R.T.: 5.511 min
Delta R.T.: -0.003 min
Response: 29081501
Conc: 173.06 ng/ml



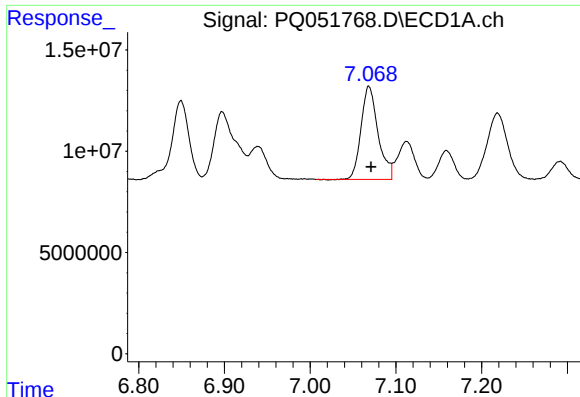
#22 AR-1248-2

R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 55941493
Conc: 69.54 ng/ml



#22 AR-1248-2

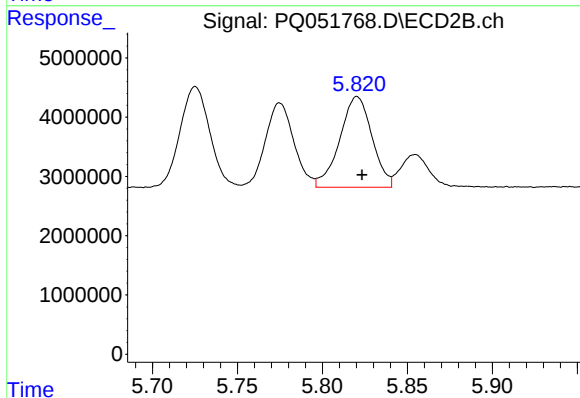
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 16654585
Conc: 73.54 ng/ml



#23 AR-1248-3

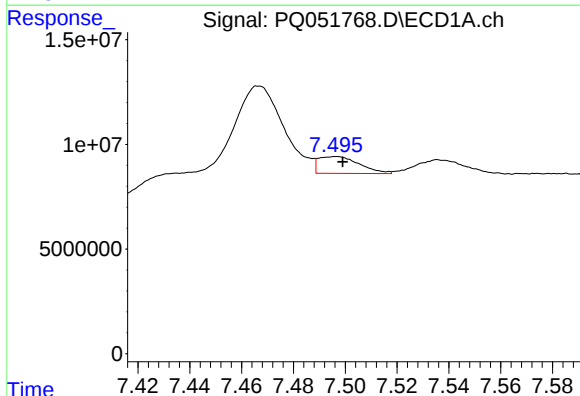
R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 63355053
Conc: 68.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



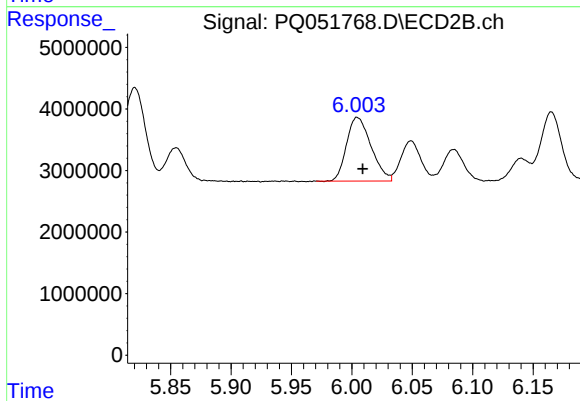
#23 AR-1248-3

R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 20248342
Conc: 86.11 ng/ml



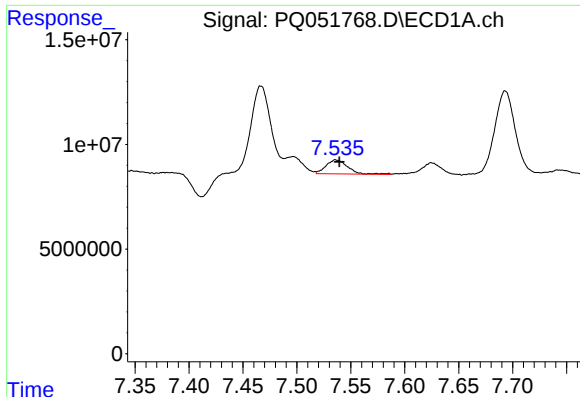
#24 AR-1248-4

R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 8829188
Conc: 8.32 ng/ml



#24 AR-1248-4

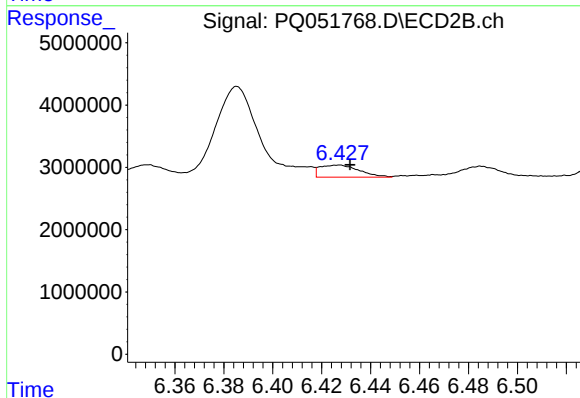
R.T.: 6.005 min
Delta R.T.: -0.004 min
Response: 14631552
Conc: 53.23 ng/ml



#25 AR-1248-5

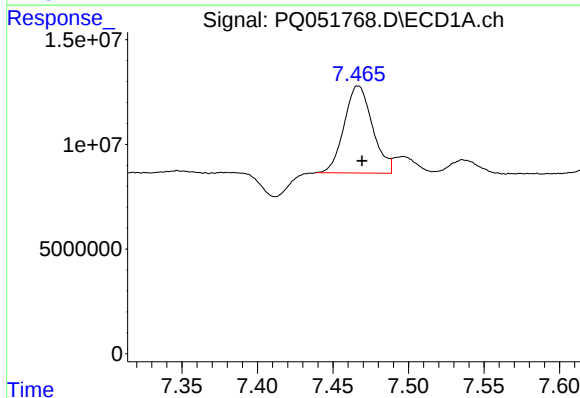
R.T.: 7.536 min
Delta R.T.: -0.003 min
Response: 9399765
Conc: 9.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



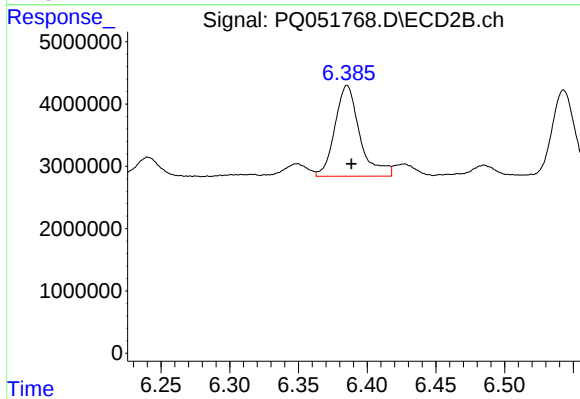
#25 AR-1248-5

R.T.: 6.427 min
Delta R.T.: -0.005 min
Response: 2175550
Conc: 7.54 ng/ml



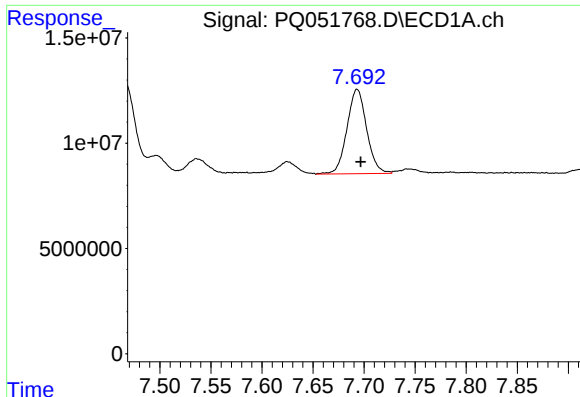
#26 AR-1254-1

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 54322594
Conc: 55.24 ng/ml



#26 AR-1254-1

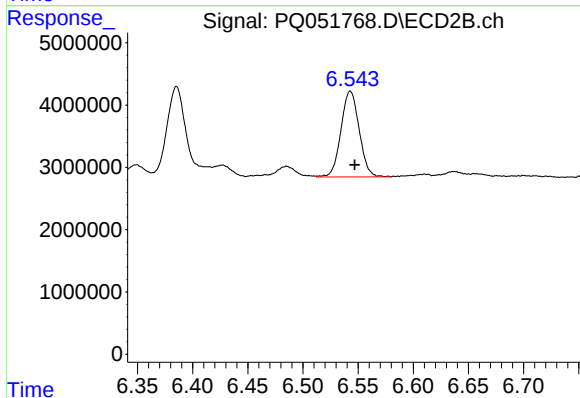
R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 18406944
Conc: 43.37 ng/ml



#27 AR-1254-2

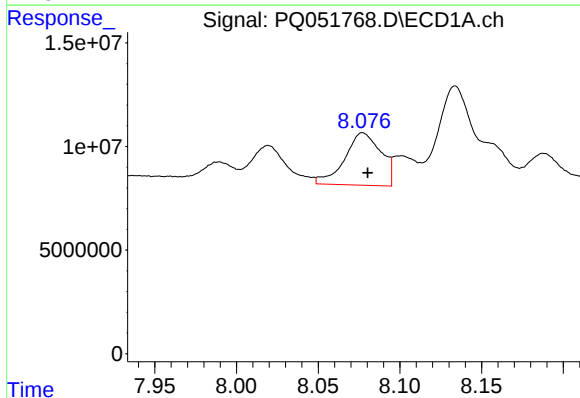
R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 53726316
Conc: 35.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



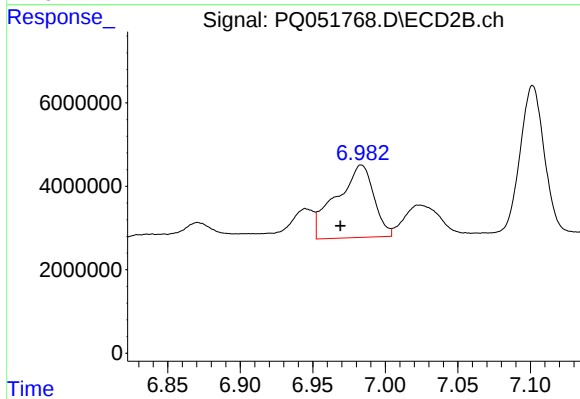
#27 AR-1254-2

R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 15833918
Conc: 43.14 ng/ml



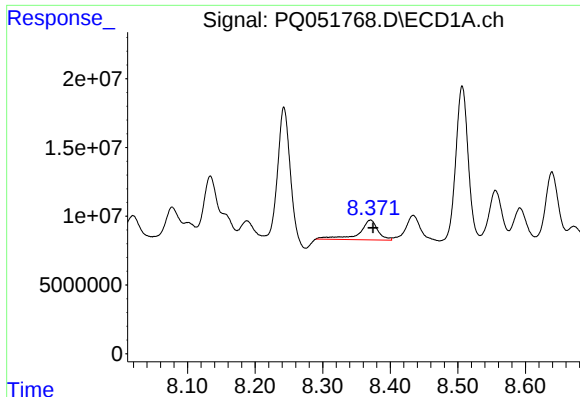
#28 AR-1254-3

R.T.: 8.077 min
Delta R.T.: -0.003 min
Response: 39131499
Conc: 23.68 ng/ml



#28 AR-1254-3

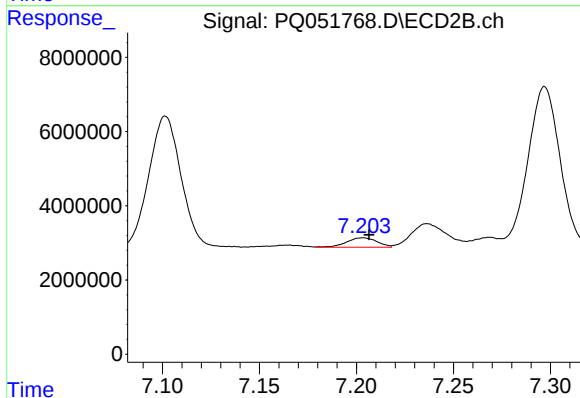
R.T.: 6.983 min
Delta R.T.: 0.014 min
Response: 31306984
Conc: 51.30 ng/ml



#29 AR-1254-4

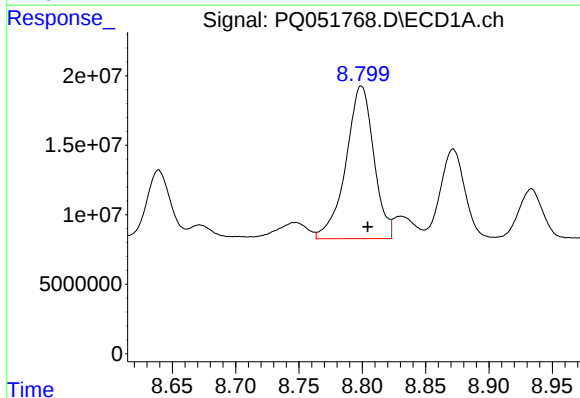
R.T.: 8.371 min
Delta R.T.: -0.004 min
Response: 28212604
Conc: 23.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



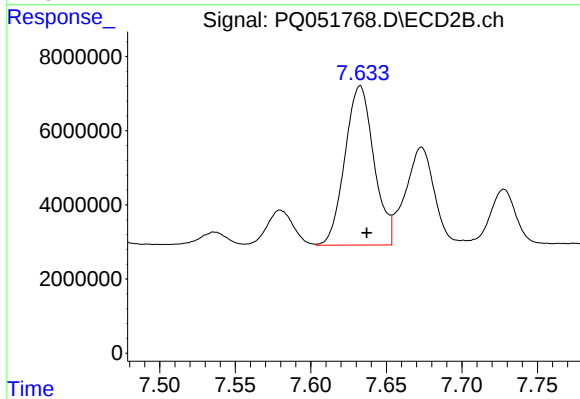
#29 AR-1254-4

R.T.: 7.203 min
Delta R.T.: -0.003 min
Response: 2817613
Conc: 7.46 ng/ml



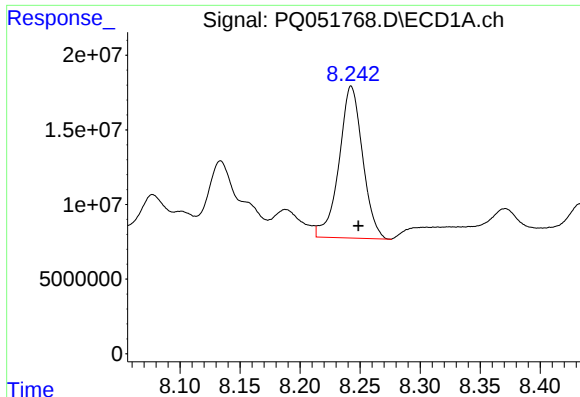
#30 AR-1254-5

R.T.: 8.799 min
Delta R.T.: -0.005 min
Response: 168258636
Conc: 133.31 ng/ml



#30 AR-1254-5

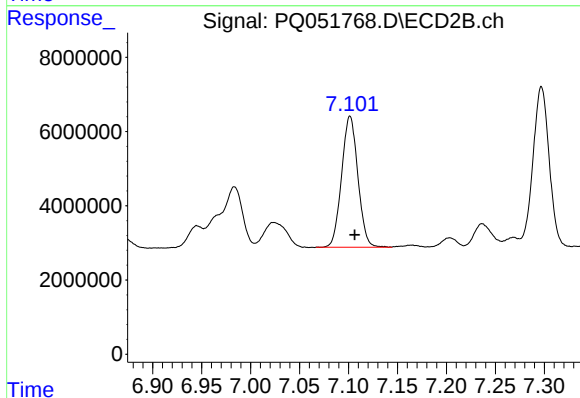
R.T.: 7.633 min
Delta R.T.: -0.004 min
Response: 57384993
Conc: 109.26 ng/ml



#31 AR-1260-1

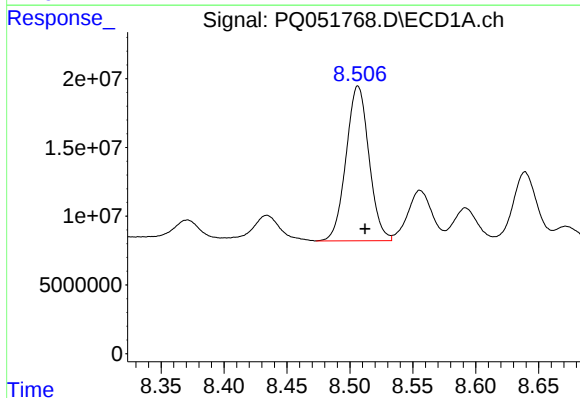
R.T.: 8.243 min
Delta R.T.: -0.006 min
Response: 139098935
Conc: 134.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



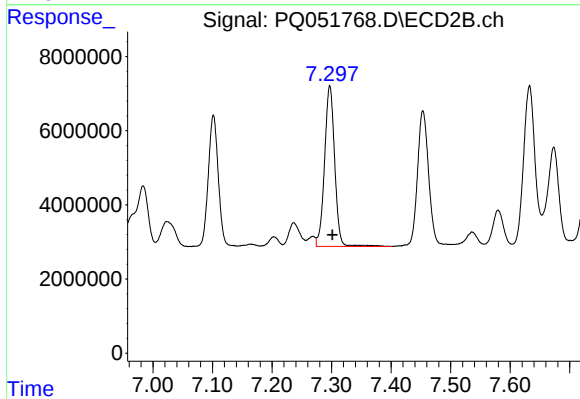
#31 AR-1260-1

R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 40844204
Conc: 115.14 ng/ml



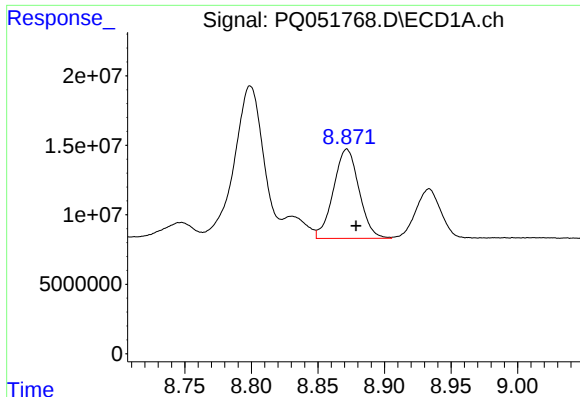
#32 AR-1260-2

R.T.: 8.506 min
Delta R.T.: -0.006 min
Response: 142769425
Conc: 115.45 ng/ml



#32 AR-1260-2

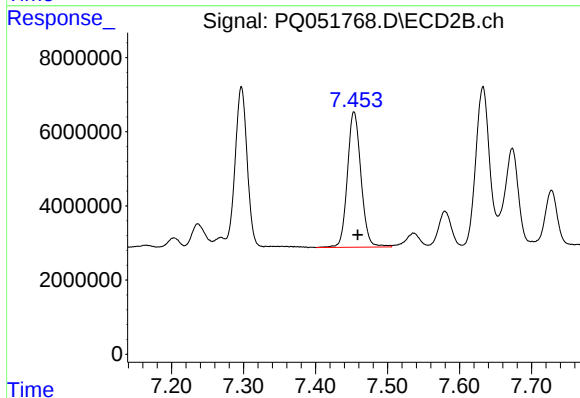
R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 51311585
Conc: 115.98 ng/ml



#33 AR-1260-3

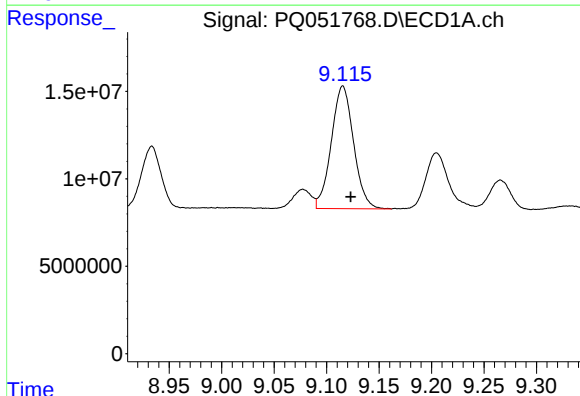
R.T.: 8.872 min
Delta R.T.: -0.007 min
Response: 86170547
Conc: 94.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



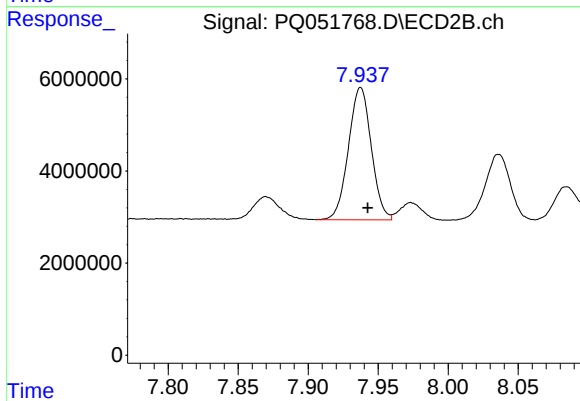
#33 AR-1260-3

R.T.: 7.453 min
Delta R.T.: -0.005 min
Response: 47860927
Conc: 115.50 ng/ml



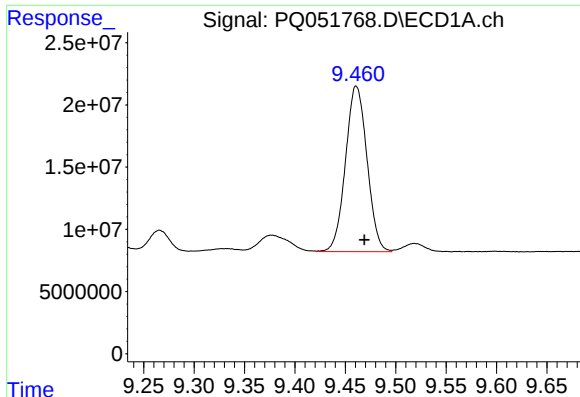
#34 AR-1260-4

R.T.: 9.115 min
Delta R.T.: -0.007 min
Response: 103770925
Conc: 97.33 ng/ml



#34 AR-1260-4

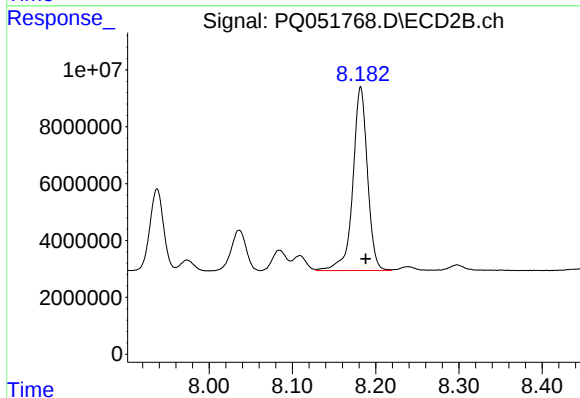
R.T.: 7.938 min
Delta R.T.: -0.005 min
Response: 32684516
Conc: 94.25 ng/ml



#35 AR-1260-5

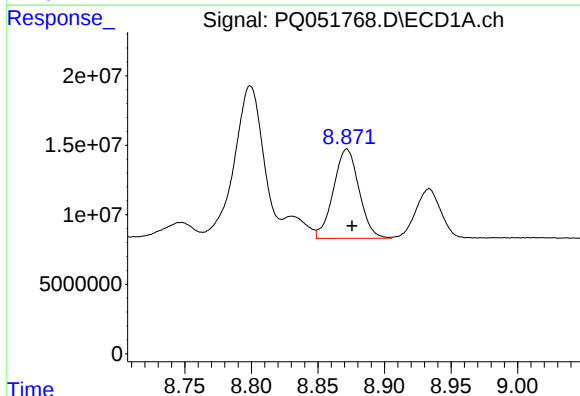
R.T.: 9.461 min
Delta R.T.: -0.008 min
Response: 197701271
Conc: 88.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



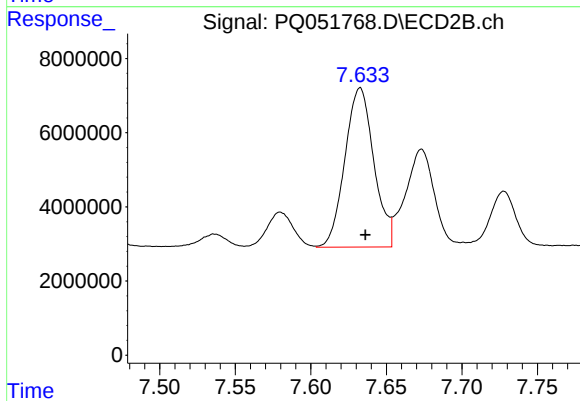
#35 AR-1260-5

R.T.: 8.182 min
Delta R.T.: -0.006 min
Response: 78805281
Conc: 91.27 ng/ml



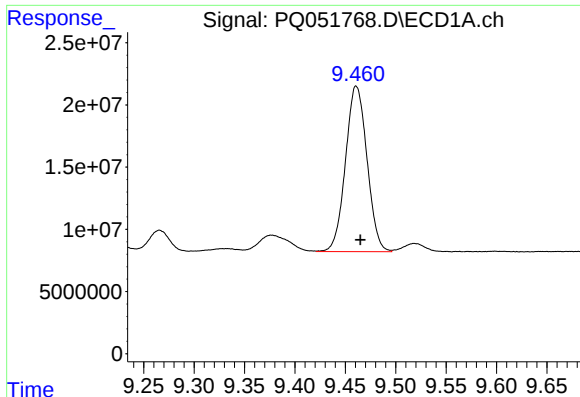
#36 AR-1262-1

R.T.: 8.872 min
Delta R.T.: -0.004 min
Response: 86170547
Conc: 56.79 ng/ml



#36 AR-1262-1

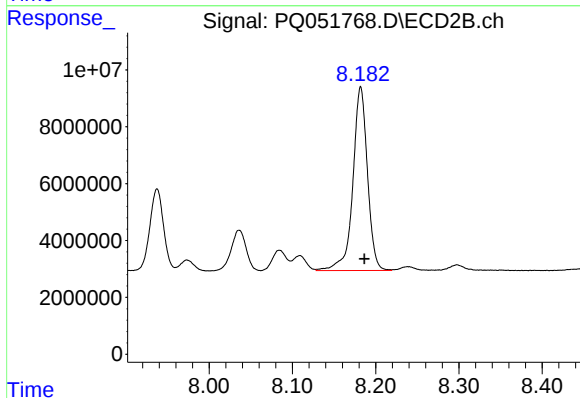
R.T.: 7.633 min
Delta R.T.: -0.003 min
Response: 57384993
Conc: 200.16 ng/ml



#37 AR-1262-2

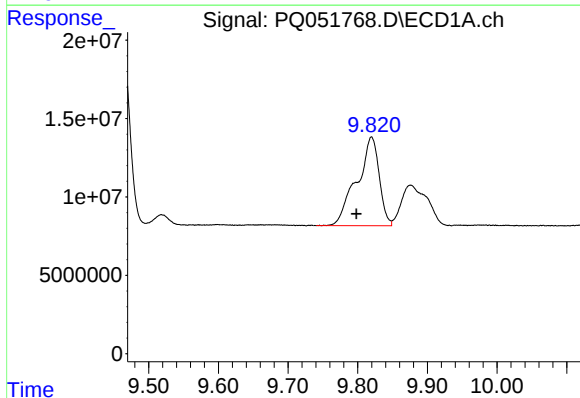
R.T.: 9.461 min
Delta R.T.: -0.004 min
Response: 197701271
Conc: 70.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



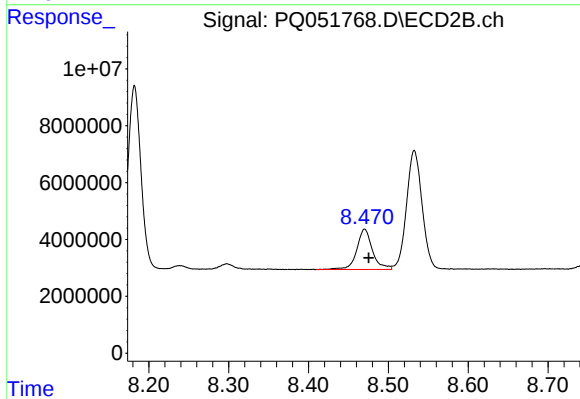
#37 AR-1262-2

R.T.: 8.182 min
Delta R.T.: -0.004 min
Response: 78805281
Conc: 77.29 ng/ml



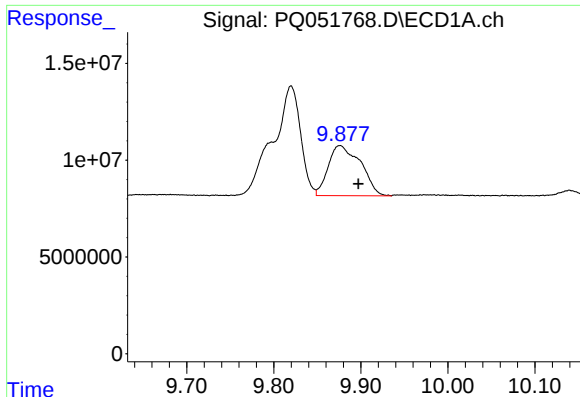
#38 AR-1262-3

R.T.: 9.820 min
Delta R.T.: 0.022 min
Response: 125682297
Conc: 104.72 ng/ml



#38 AR-1262-3

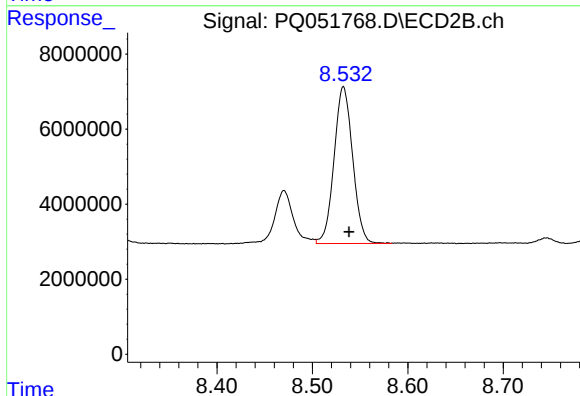
R.T.: 8.470 min
Delta R.T.: -0.005 min
Response: 19449655
Conc: 51.69 ng/ml



#39 AR-1262-4

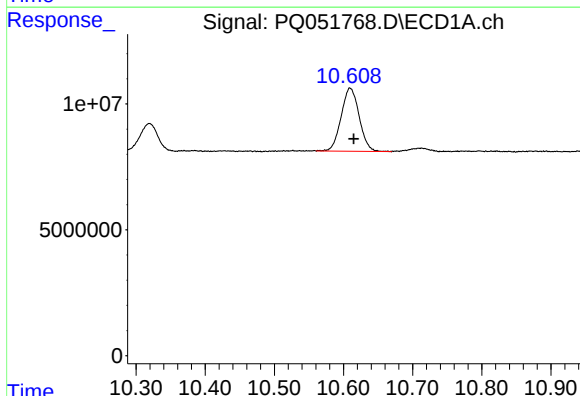
R.T.: 9.876 min
Delta R.T.: -0.021 min
Response: 66949240
Conc: 95.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



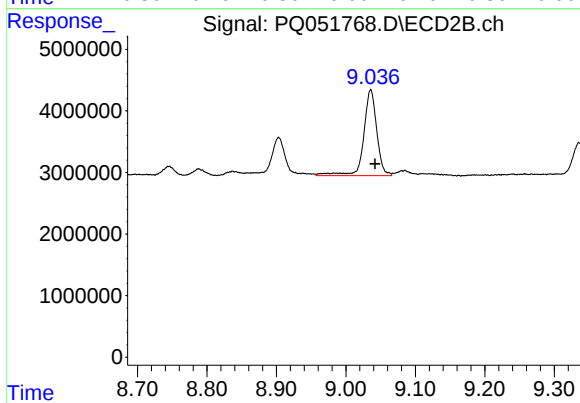
#39 AR-1262-4

R.T.: 8.533 min
Delta R.T.: -0.006 min
Response: 56612427
Conc: 77.20 ng/ml



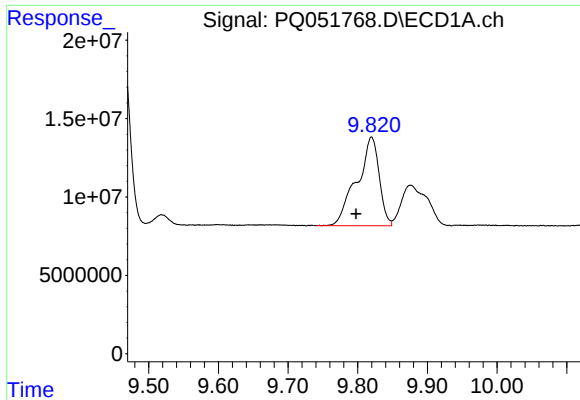
#40 AR-1262-5

R.T.: 10.610 min
Delta R.T.: -0.006 min
Response: 45375730
Conc: 47.67 ng/ml



#40 AR-1262-5

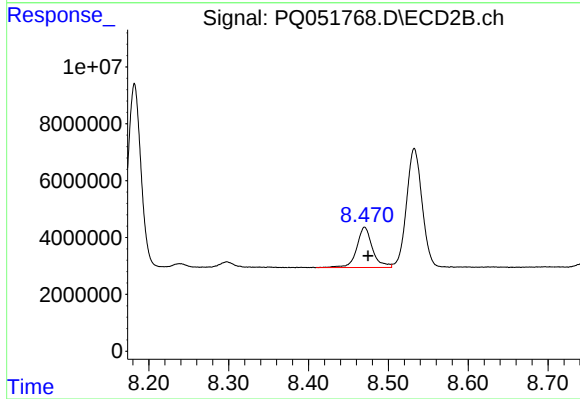
R.T.: 9.036 min
Delta R.T.: -0.006 min
Response: 18280575
Conc: 55.53 ng/ml



#41 AR-1268-1

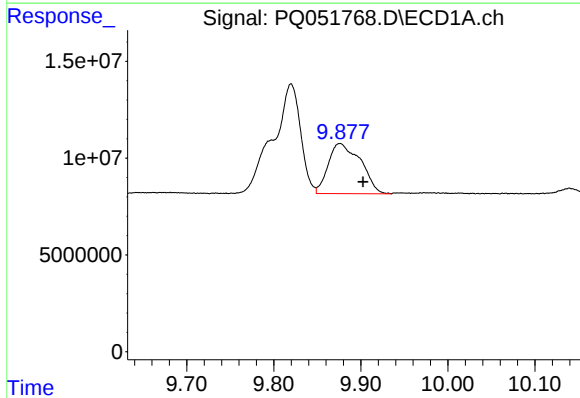
R.T.: 9.820 min
Delta R.T.: 0.022 min
Response: 125682297
Conc: 38.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



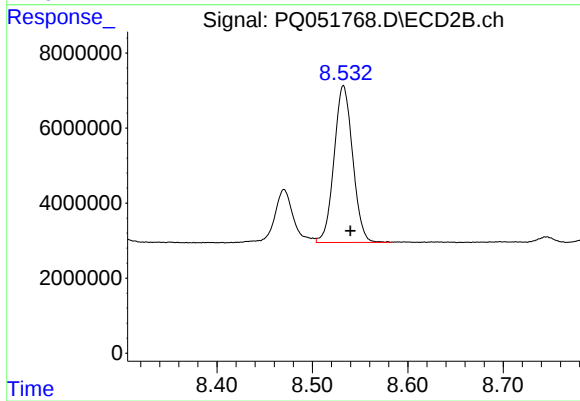
#41 AR-1268-1

R.T.: 8.470 min
Delta R.T.: -0.004 min
Response: 19449655
Conc: 16.75 ng/ml



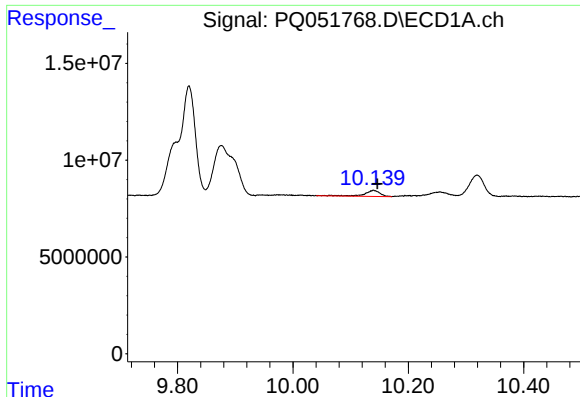
#42 AR-1268-2

R.T.: 9.876 min
Delta R.T.: -0.026 min
Response: 66949240
Conc: 22.30 ng/ml



#42 AR-1268-2

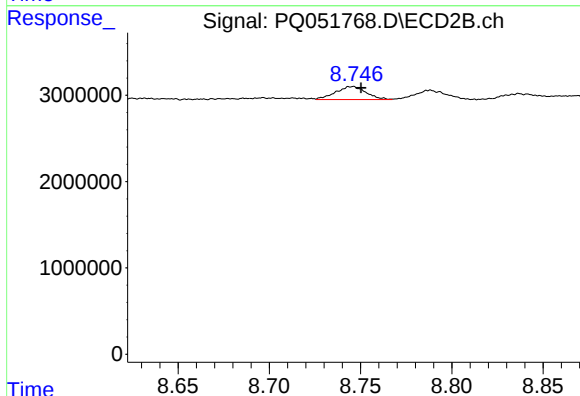
R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 56612427
Conc: 53.20 ng/ml



#43 AR-1268-3

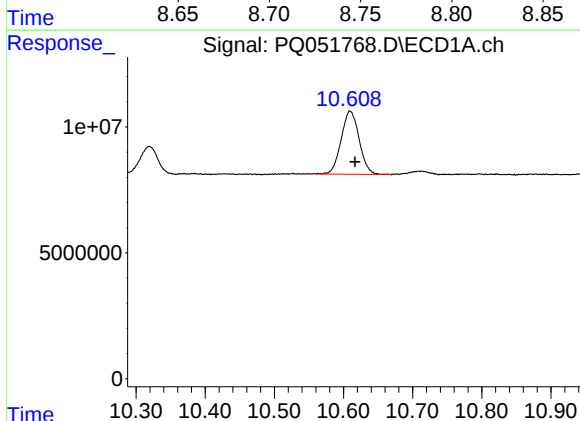
R.T.: 10.140 min
Delta R.T.: -0.007 min
Response: 5755255
Conc: 2.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



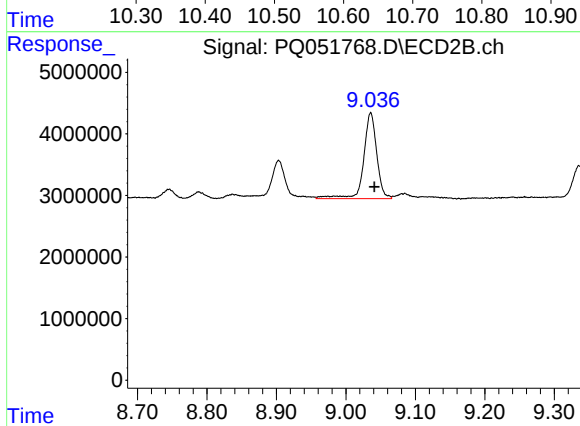
#43 AR-1268-3

R.T.: 8.745 min
Delta R.T.: -0.005 min
Response: 1746103
Conc: 1.96 ng/ml



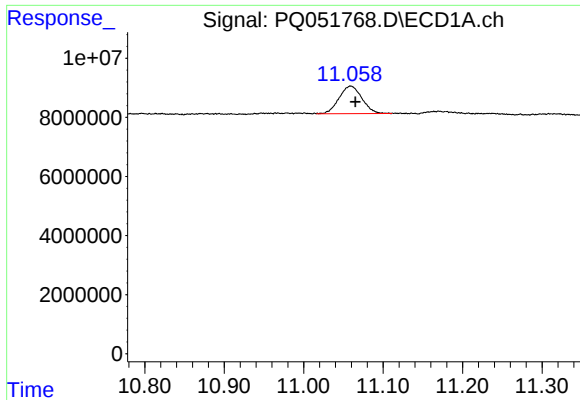
#44 AR-1268-4

R.T.: 10.610 min
Delta R.T.: -0.007 min
Response: 45375730
Conc: 41.78 ng/ml



#44 AR-1268-4

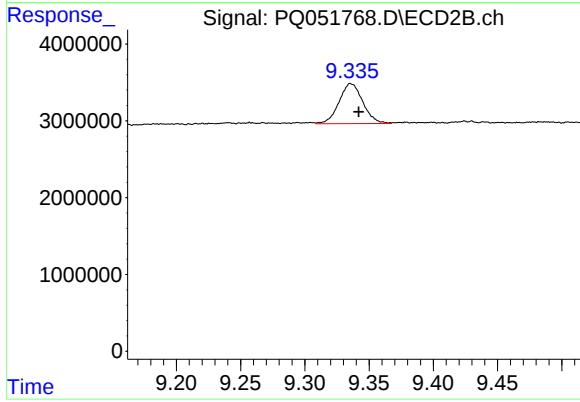
R.T.: 9.036 min
Delta R.T.: -0.006 min
Response: 18280575
Conc: 49.56 ng/ml



#45 AR-1268-5

R.T.: 11.059 min
Delta R.T.: -0.006 min
Response: 18652395
Conc: 2.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.336 min
Delta R.T.: -0.006 min
Response: 6722963
Conc: 2.41 ng/ml