

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060820\
 Data File : PQ048171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2020 15:35
 Operator : AJ\MA
 Sample : PB129378BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 17:52:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 27 17:33:08 2020
 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...	5.310	4.294	181.7E6	87536866	25.424	26.232
2)	SA Decachlor...	11.597	9.670	168.6E6	90248235	23.601	24.955
Target Compounds							
3)	L1 AR-1016-1	6.665	5.581	76064948	64871641	312.160	546.997 #
4)	L1 AR-1016-2	6.665	5.581	76064948	64871641	224.680	392.850 #
5)	L1 AR-1016-3	6.732	5.774	48056309	19470703	229.128	241.182
6)	L1 AR-1016-4	6.841	5.824	39321254	16850799	231.285	261.429
7)	L1 AR-1016-5	7.156	6.055	36293171	20222415	216.169	237.261
8)	L2 AR-1221-1	5.555	4.551	5238744	2339942	69.507	66.356
9)	L2 AR-1221-2	5.662	4.653	8174020	3947781	145.027	149.502
10)	L2 AR-1221-3	5.749	4.743	29727928	14423053	168.685	172.426
11)	L3 AR-1232-1	5.749	4.743	29727928	14423053	213.196	213.905
12)	L3 AR-1232-2	6.345	5.581	39022497	64871641	549.274	983.880 #
13)	L3 AR-1232-3	6.665	5.774	76064948	19470703	543.674	605.317
14)	L3 AR-1232-4	6.841	5.870	39321254	20129500	572.712	710.806
15)	L3 AR-1232-5	6.935	6.055	33827978	20222415	656.574	639.623
16)	L4 AR-1242-1	6.665	5.581	76064948	64871641	403.679	710.666 #
17)	L4 AR-1242-2	6.665	5.581	76064948	64871641	295.349	519.625 #
18)	L4 AR-1242-3	6.732	5.774	48056309	19470703	297.272	311.099
19)	L4 AR-1242-4	6.841	5.870	39321254	20129500	295.777	329.344
20)	L4 AR-1242-5	7.628	6.436	5551689	16422396	39.747	200.321 #
21)	L5 AR-1248-1	6.665	5.581	76064948	64871641	563.036	972.285 #
22)	L5 AR-1248-2	6.935	5.824	33827978	16850799	195.771	204.604
23)	L5 AR-1248-3	7.156	5.870	36293171	20129500	183.855	238.970 #
24)	L5 AR-1248-4	7.587	6.055	5808917	20222415	25.978	193.193 #
25)	L5 AR-1248-5	7.628	6.479	5551689	2376294	26.048	23.018
26)	L6 AR-1254-1	7.556	6.436	28083061	16422396	123.898	96.700
27)	L6 AR-1254-2	7.784	6.594	28542285	15606421	80.455	106.136 #
28)	L6 AR-1254-3	8.171	7.034	15509454	33288779	40.691	136.499 #
29)	L6 AR-1254-4	8.467	7.255	10810635	3077414	37.314	19.795 #
30)	L6 AR-1254-5	8.900	7.685	93023980	54086868	296.287	261.743
31)	L7 AR-1260-1	8.338	7.154	64173215	38440492	217.597	235.050
32)	L7 AR-1260-2	8.603	7.349	76492630	47244523	222.836	241.032
33)	L7 AR-1260-3	8.973	7.507	49782549	43174073	187.995	244.418 #
34)	L7 AR-1260-4	9.223	7.991	61266941	31829004	200.542	200.962
35)	L7 AR-1260-5	9.578	8.237	121.6E6	78122496	187.292	200.717
36)	L8 AR-1262-1	8.973	7.685	49782549	54086868	146.074	534.047 #
37)	L8 AR-1262-2	9.578	8.237	121.6E6	78122496	182.358	198.026
38)	L8 AR-1262-3	9.920	8.527	14185901	17440361	30.896	120.990 #
39)	L8 AR-1262-4	10.003	8.589	41150986	57009064	118.503	198.713 #
40)	L8 AR-1262-5	10.761	9.096	36371196	19110441	142.322	142.168
41)	L9 AR-1268-1	9.947	8.527	49738056	17440361	52.659	32.845 #

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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

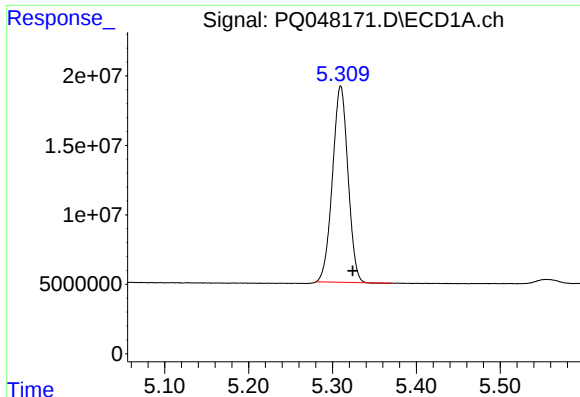
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 17:52:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052720.M
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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	10.003	8.589	41150986	57009064	46.132	112.857 #
43) L9	AR-1268-3	10.274	8.803	1930026	1588465	2.570	3.821 #
44) L9	AR-1268-4	10.761	9.096	36371196	19110441	104.982	103.795
45) L9	AR-1268-5	11.222	9.402	13563620	7523007	5.143	5.270

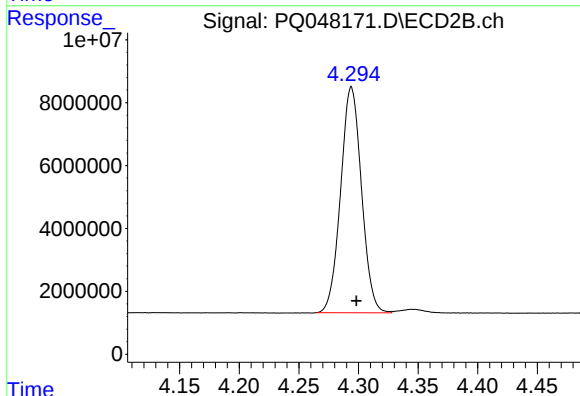
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

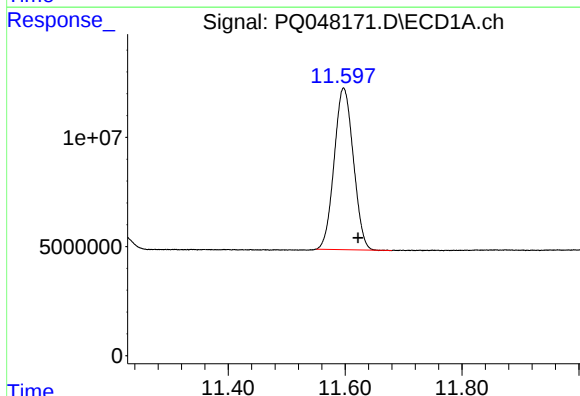
R.T.: 5.310 min
Delta R.T.: -0.014 min
Response: 181660158
Conc: 25.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



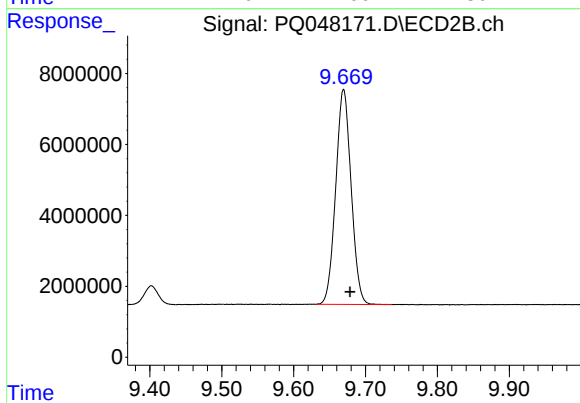
#1 Tetrachloro-m-xylene

R.T.: 4.294 min
Delta R.T.: -0.004 min
Response: 87536866
Conc: 26.23 ng/ml



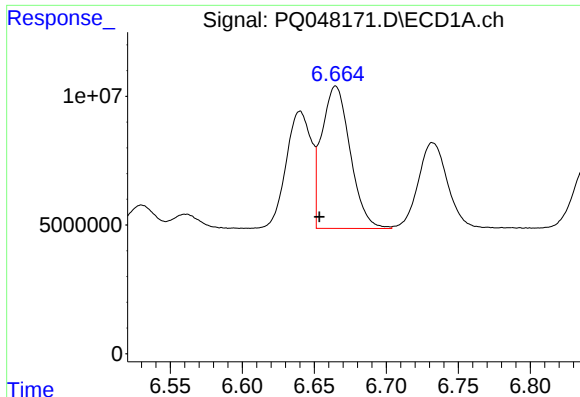
#2 Decachlorobiphenyl

R.T.: 11.597 min
Delta R.T.: -0.025 min
Response: 168561358
Conc: 23.60 ng/ml



#2 Decachlorobiphenyl

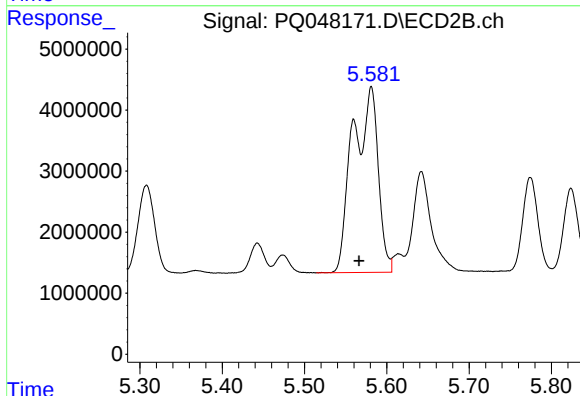
R.T.: 9.670 min
Delta R.T.: -0.009 min
Response: 90248235
Conc: 24.96 ng/ml



#3 AR-1016-1

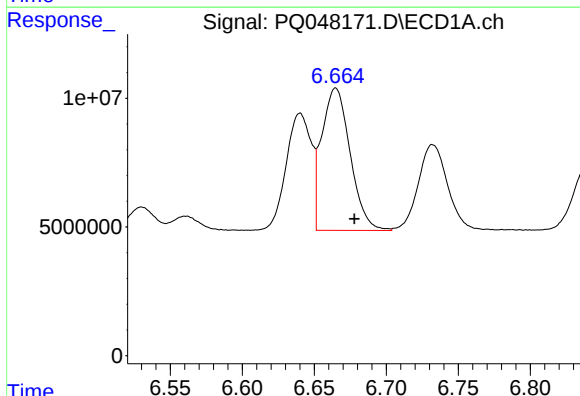
R.T.: 6.665 min
Delta R.T.: 0.011 min
Response: 76064948
Conc: 312.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



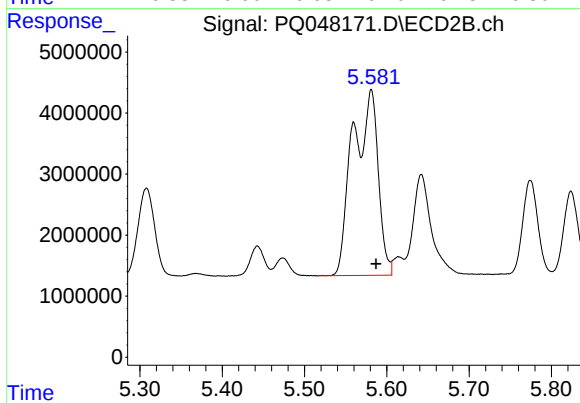
#3 AR-1016-1

R.T.: 5.581 min
Delta R.T.: 0.015 min
Response: 64871641
Conc: 547.00 ng/ml



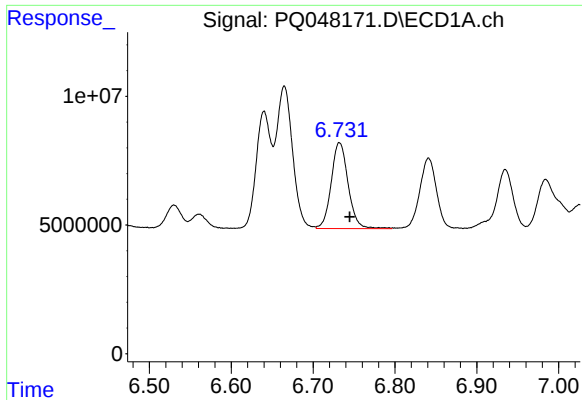
#4 AR-1016-2

R.T.: 6.665 min
Delta R.T.: -0.013 min
Response: 76064948
Conc: 224.68 ng/ml



#4 AR-1016-2

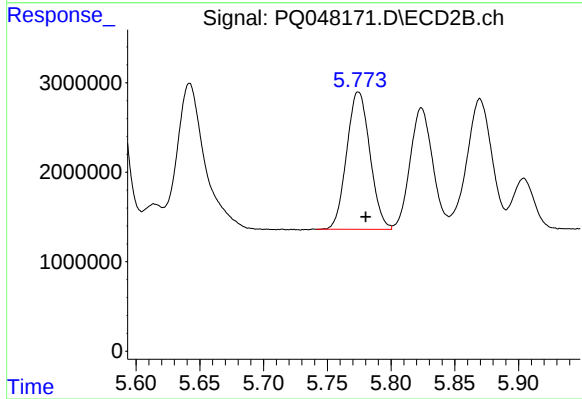
R.T.: 5.581 min
Delta R.T.: -0.006 min
Response: 64871641
Conc: 392.85 ng/ml



#5 AR-1016-3

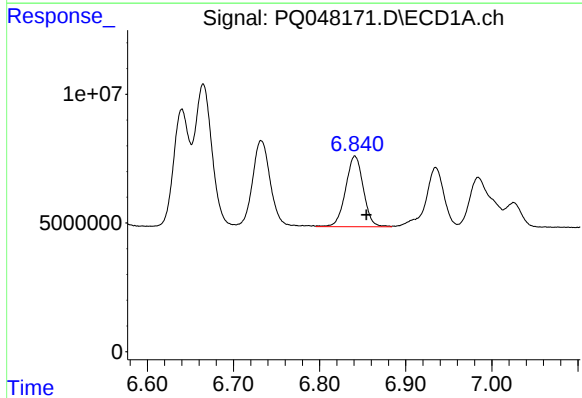
R.T.: 6.732 min
Delta R.T.: -0.013 min
Response: 48056309
Conc: 229.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



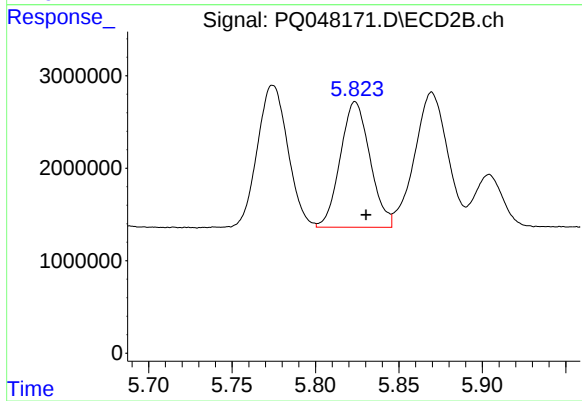
#5 AR-1016-3

R.T.: 5.774 min
Delta R.T.: -0.006 min
Response: 19470703
Conc: 241.18 ng/ml



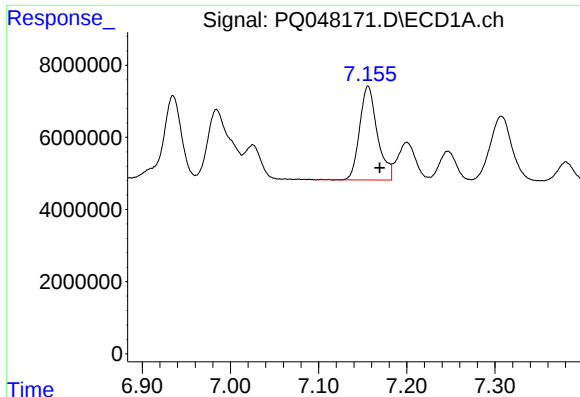
#6 AR-1016-4

R.T.: 6.841 min
Delta R.T.: -0.013 min
Response: 39321254
Conc: 231.29 ng/ml



#6 AR-1016-4

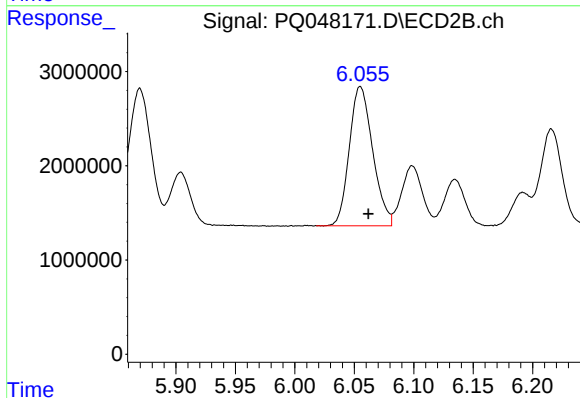
R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 16850799
Conc: 261.43 ng/ml



#7 AR-1016-5

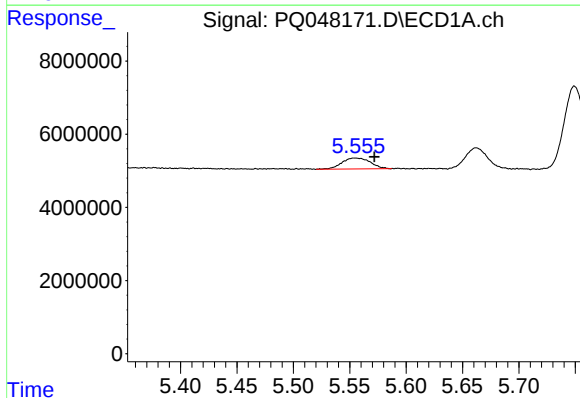
R.T.: 7.156 min
Delta R.T.: -0.013 min
Response: 36293171
Conc: 216.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



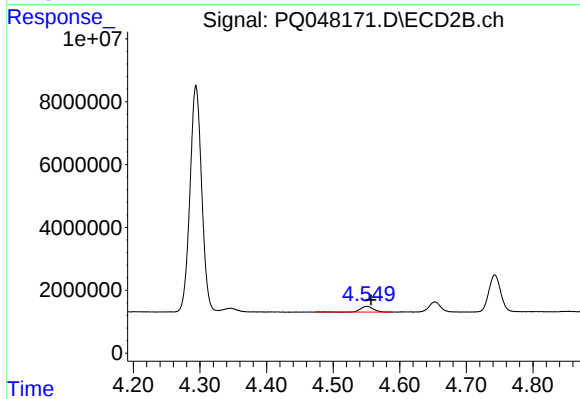
#7 AR-1016-5

R.T.: 6.055 min
Delta R.T.: -0.006 min
Response: 20222415
Conc: 237.26 ng/ml



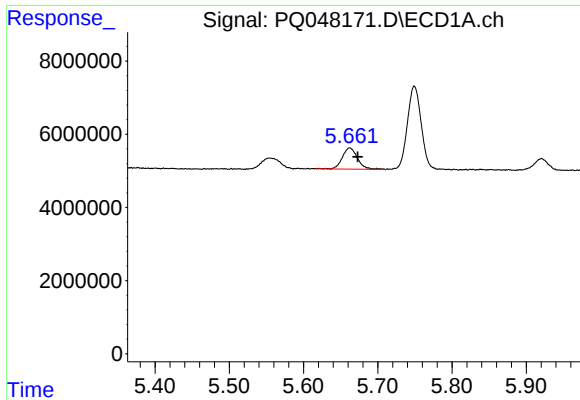
#8 AR-1221-1

R.T.: 5.555 min
Delta R.T.: -0.017 min
Response: 5238744
Conc: 69.51 ng/ml



#8 AR-1221-1

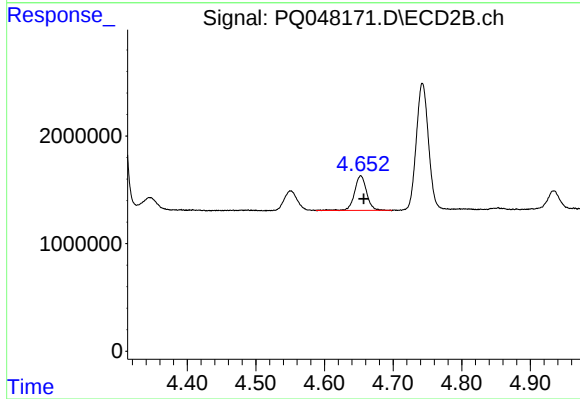
R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 2339942
Conc: 66.36 ng/ml



#9 AR-1221-2

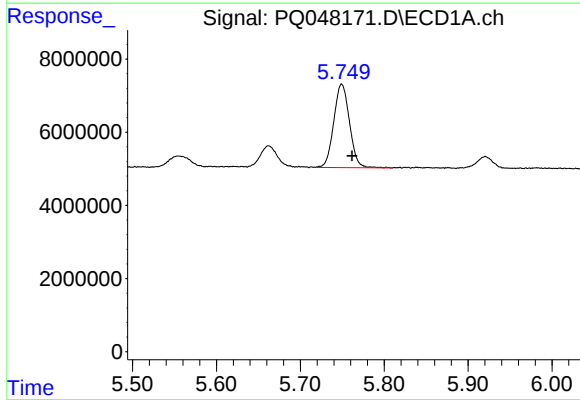
R.T.: 5.662 min
Delta R.T.: -0.011 min
Response: 8174020
Conc: 145.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



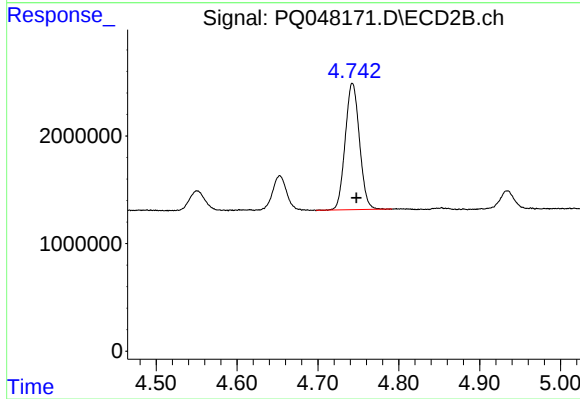
#9 AR-1221-2

R.T.: 4.653 min
Delta R.T.: -0.004 min
Response: 3947781
Conc: 149.50 ng/ml



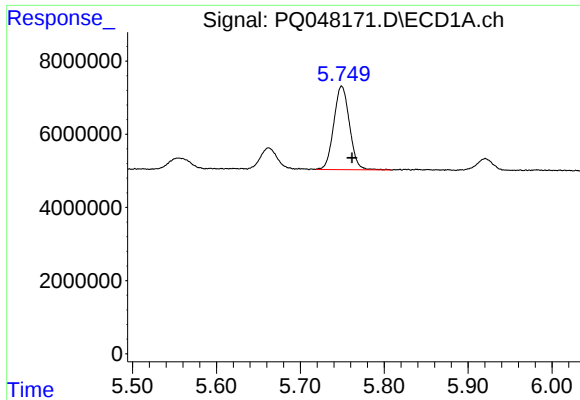
#10 AR-1221-3

R.T.: 5.749 min
Delta R.T.: -0.012 min
Response: 29727928
Conc: 168.68 ng/ml



#10 AR-1221-3

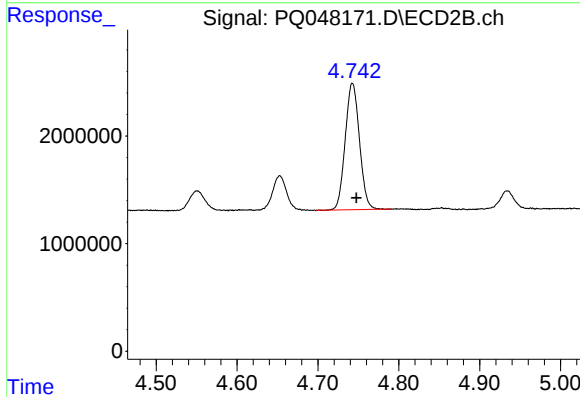
R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 14423053
Conc: 172.43 ng/ml



#11 AR-1232-1

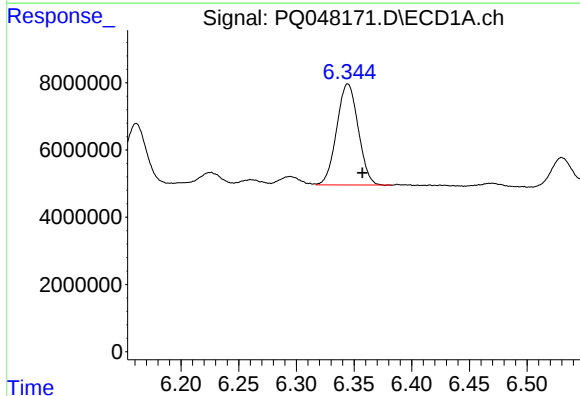
R.T.: 5.749 min
Delta R.T.: -0.012 min
Response: 29727928
Conc: 213.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



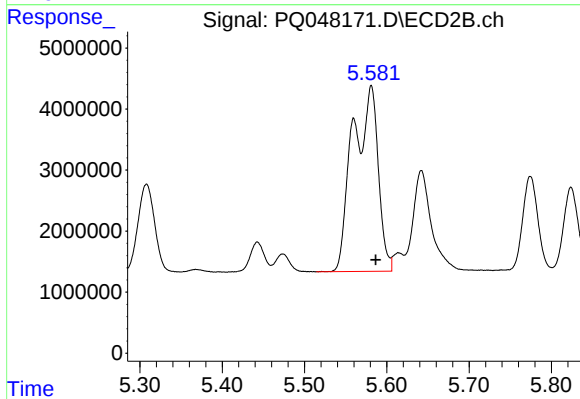
#11 AR-1232-1

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 14423053
Conc: 213.91 ng/ml



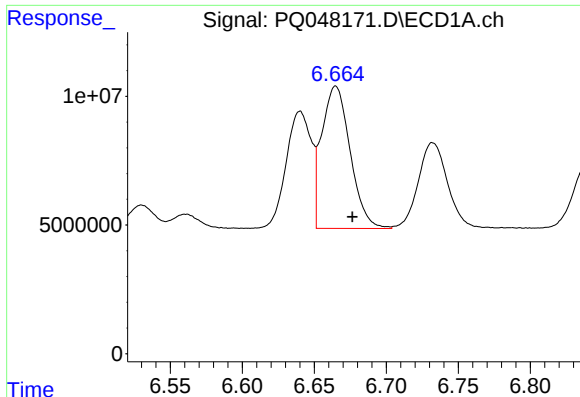
#12 AR-1232-2

R.T.: 6.345 min
Delta R.T.: -0.013 min
Response: 39022497
Conc: 549.27 ng/ml



#12 AR-1232-2

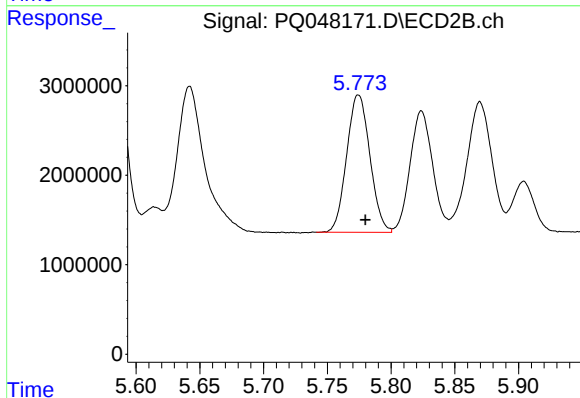
R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 64871641
Conc: 983.88 ng/ml



#13 AR-1232-3

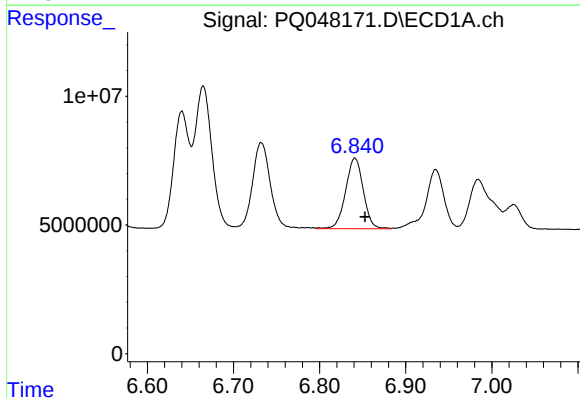
R.T.: 6.665 min
Delta R.T.: -0.012 min
Response: 76064948
Conc: 543.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



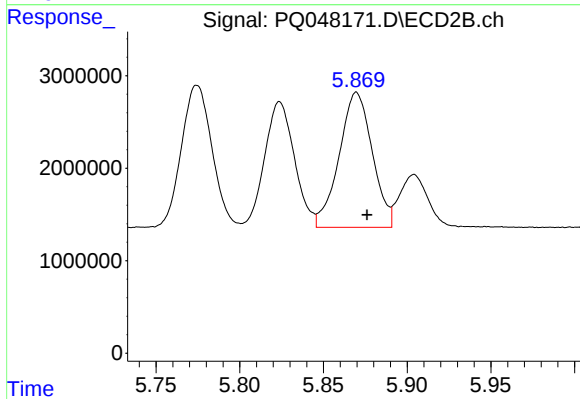
#13 AR-1232-3

R.T.: 5.774 min
Delta R.T.: -0.006 min
Response: 19470703
Conc: 605.32 ng/ml



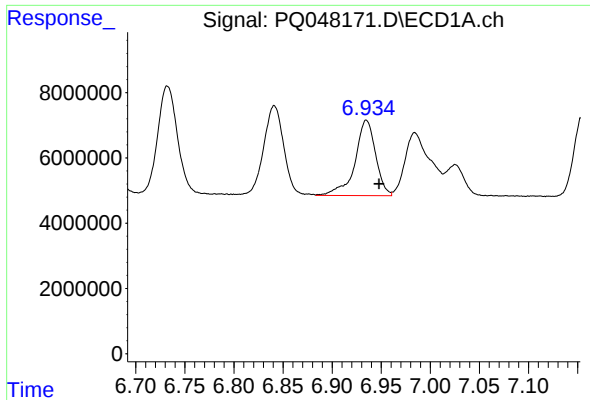
#14 AR-1232-4

R.T.: 6.841 min
Delta R.T.: -0.012 min
Response: 39321254
Conc: 572.71 ng/ml



#14 AR-1232-4

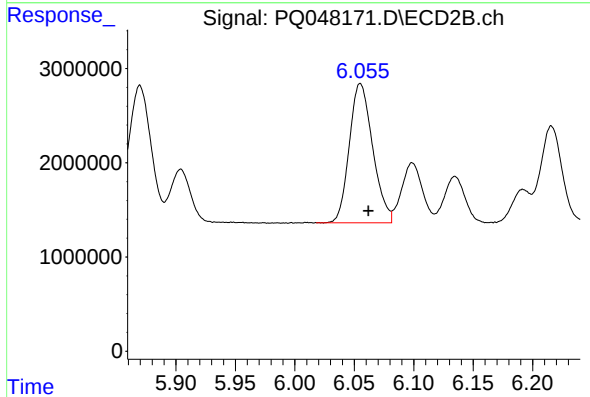
R.T.: 5.870 min
Delta R.T.: -0.006 min
Response: 20129500
Conc: 710.81 ng/ml



#15 AR-1232-5

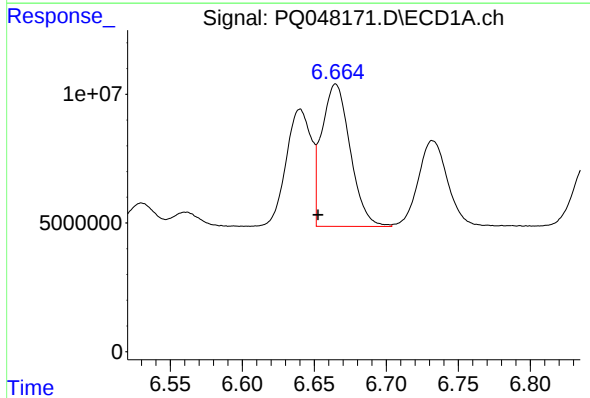
R.T.: 6.935 min
Delta R.T.: -0.013 min
Response: 33827978
Conc: 656.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



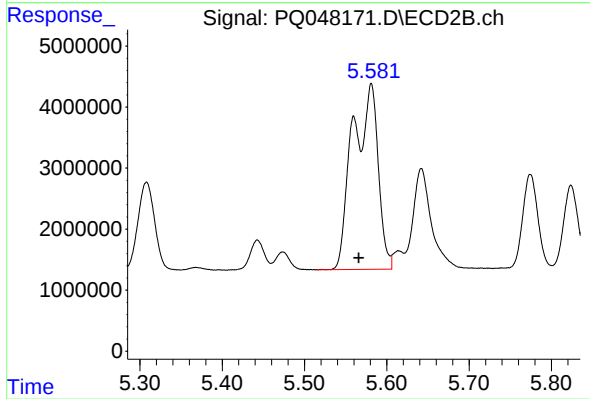
#15 AR-1232-5

R.T.: 6.055 min
Delta R.T.: -0.006 min
Response: 20222415
Conc: 639.62 ng/ml



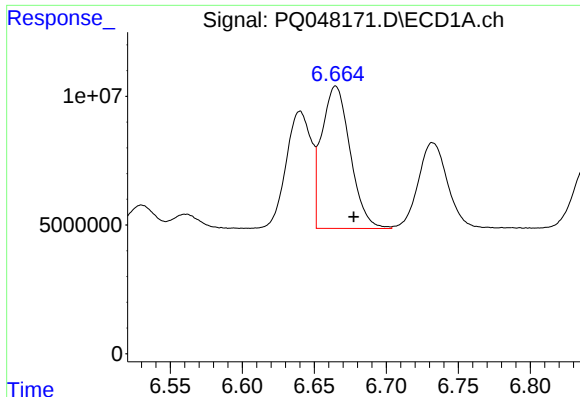
#16 AR-1242-1

R.T.: 6.665 min
Delta R.T.: 0.012 min
Response: 76064948
Conc: 403.68 ng/ml



#16 AR-1242-1

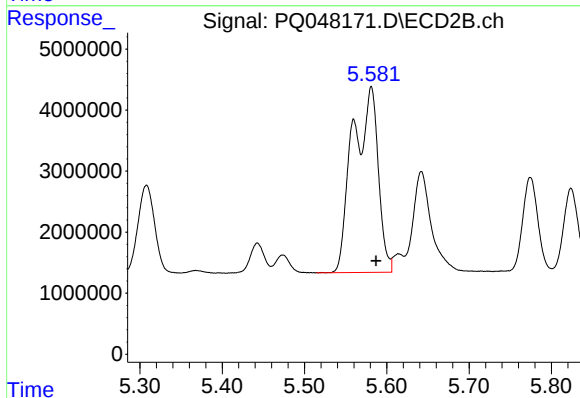
R.T.: 5.581 min
Delta R.T.: 0.015 min
Response: 64871641
Conc: 710.67 ng/ml



#17 AR-1242-2

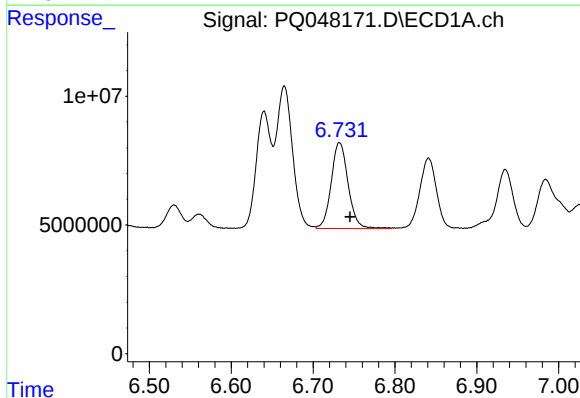
R.T.: 6.665 min
Delta R.T.: -0.012 min
Response: 76064948
Conc: 295.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



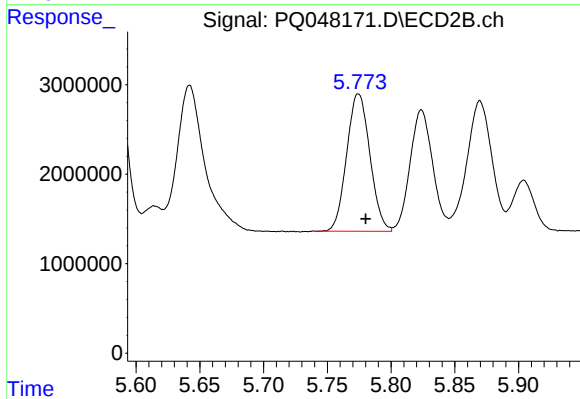
#17 AR-1242-2

R.T.: 5.581 min
Delta R.T.: -0.006 min
Response: 64871641
Conc: 519.62 ng/ml



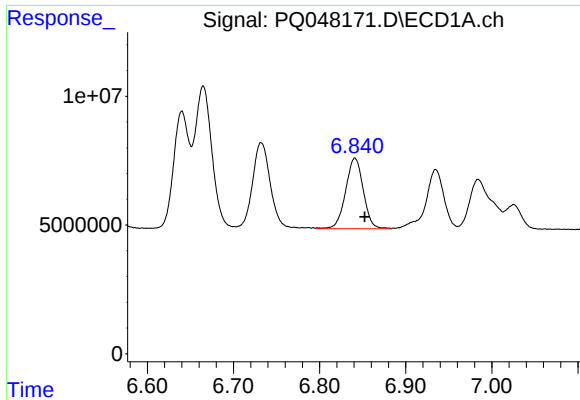
#18 AR-1242-3

R.T.: 6.732 min
Delta R.T.: -0.013 min
Response: 48056309
Conc: 297.27 ng/ml



#18 AR-1242-3

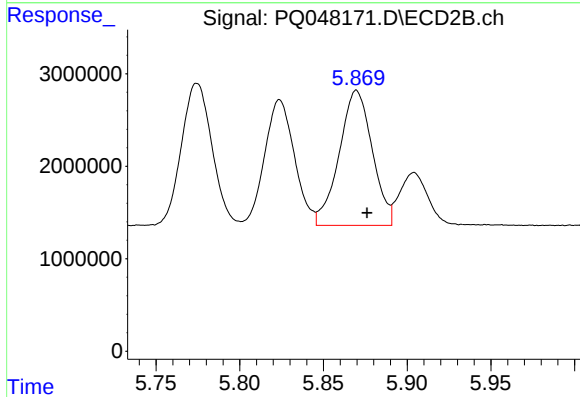
R.T.: 5.774 min
Delta R.T.: -0.006 min
Response: 19470703
Conc: 311.10 ng/ml



#19 AR-1242-4

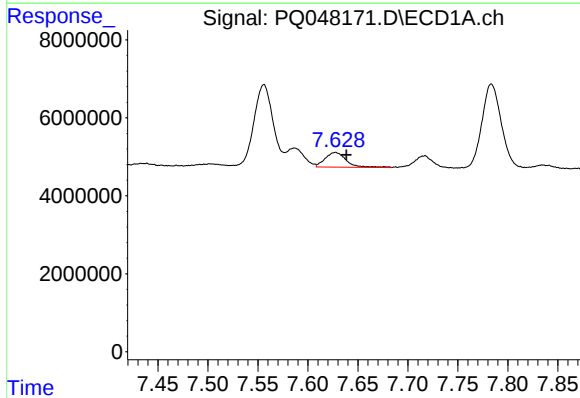
R.T.: 6.841 min
Delta R.T.: -0.011 min
Response: 39321254
Conc: 295.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



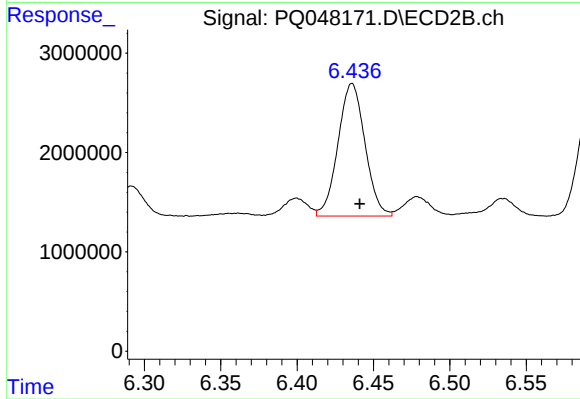
#19 AR-1242-4

R.T.: 5.870 min
Delta R.T.: -0.006 min
Response: 20129500
Conc: 329.34 ng/ml



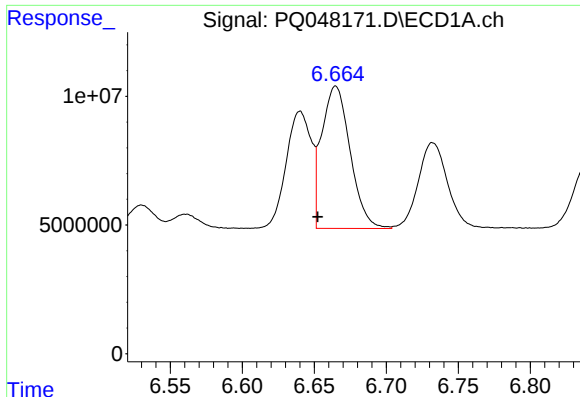
#20 AR-1242-5

R.T.: 7.628 min
Delta R.T.: -0.011 min
Response: 5551689
Conc: 39.75 ng/ml



#20 AR-1242-5

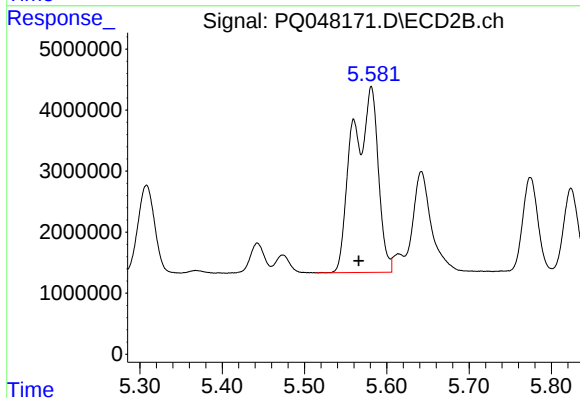
R.T.: 6.436 min
Delta R.T.: -0.005 min
Response: 16422396
Conc: 200.32 ng/ml



#21 AR-1248-1

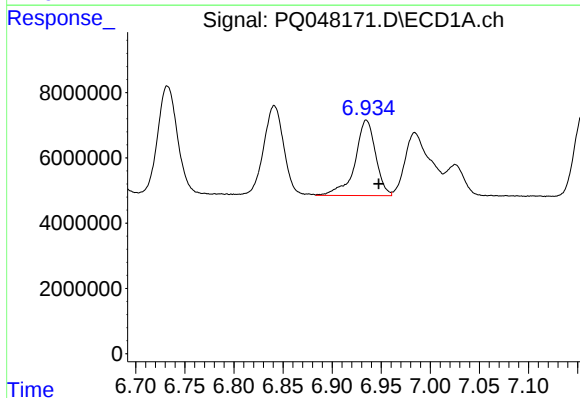
R.T.: 6.665 min
Delta R.T.: 0.012 min
Response: 76064948
Conc: 563.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



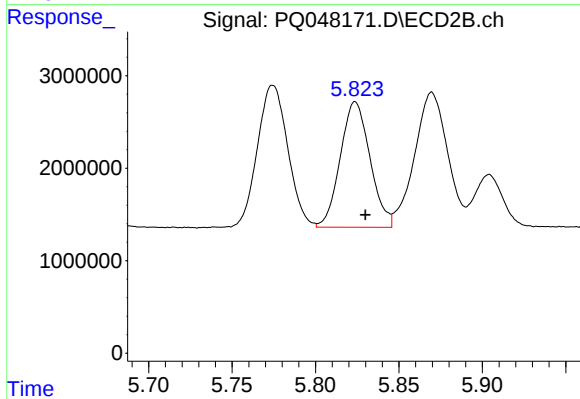
#21 AR-1248-1

R.T.: 5.581 min
Delta R.T.: 0.015 min
Response: 64871641
Conc: 972.28 ng/ml



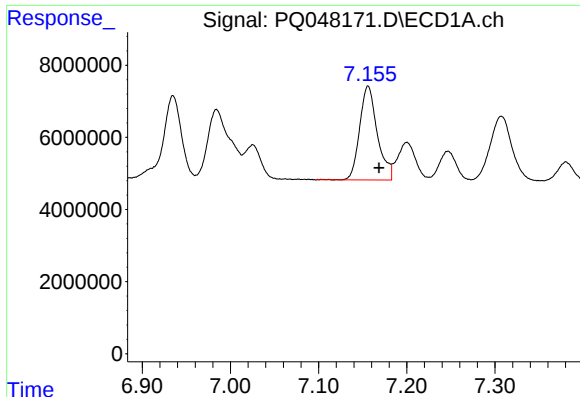
#22 AR-1248-2

R.T.: 6.935 min
Delta R.T.: -0.013 min
Response: 33827978
Conc: 195.77 ng/ml



#22 AR-1248-2

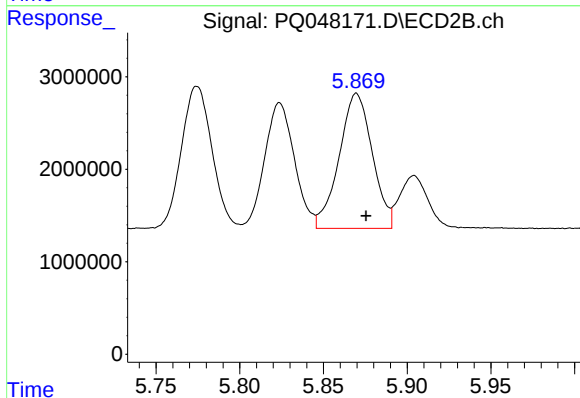
R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 16850799
Conc: 204.60 ng/ml



#23 AR-1248-3

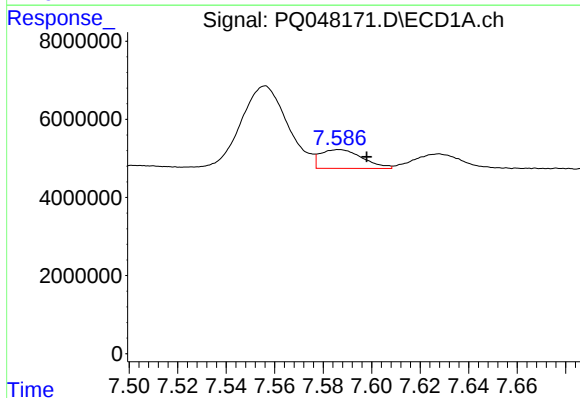
R.T.: 7.156 min
Delta R.T.: -0.012 min
Response: 36293171
Conc: 183.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



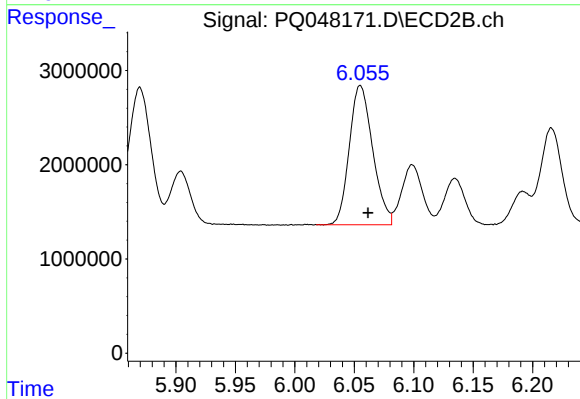
#23 AR-1248-3

R.T.: 5.870 min
Delta R.T.: -0.006 min
Response: 20129500
Conc: 238.97 ng/ml



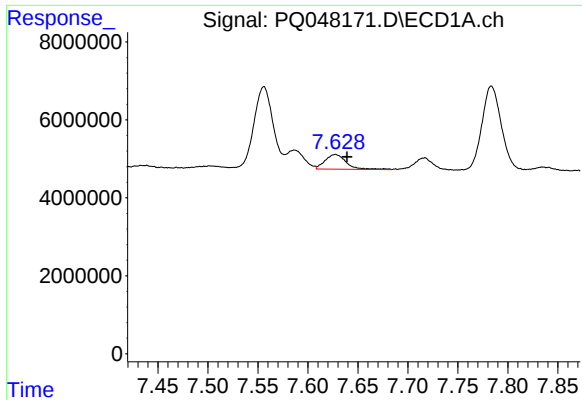
#24 AR-1248-4

R.T.: 7.587 min
Delta R.T.: -0.011 min
Response: 5808917
Conc: 25.98 ng/ml



#24 AR-1248-4

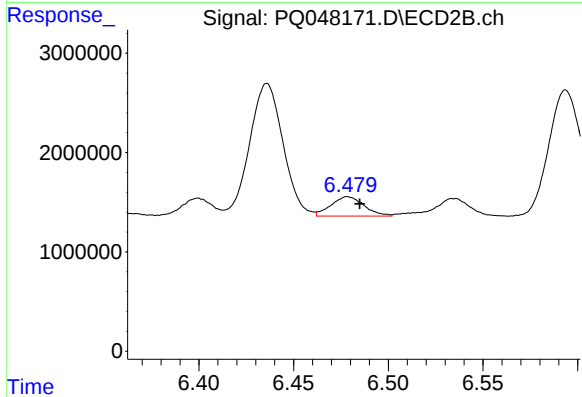
R.T.: 6.055 min
Delta R.T.: -0.006 min
Response: 20222415
Conc: 193.19 ng/ml



#25 AR-1248-5

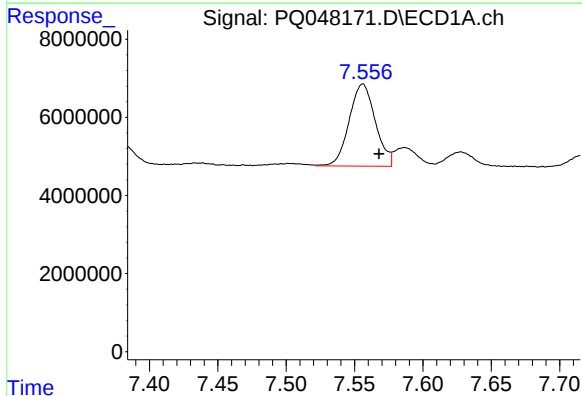
R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 5551689
Conc: 26.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



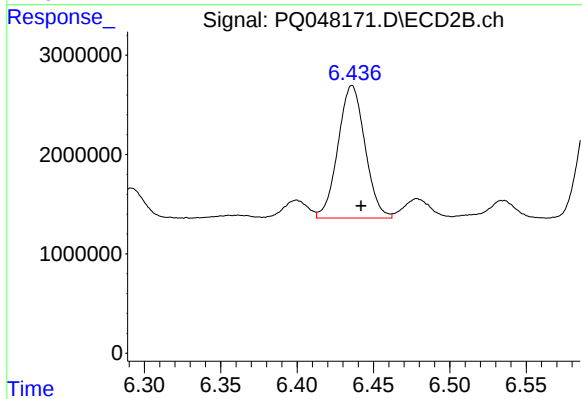
#25 AR-1248-5

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 2376294
Conc: 23.02 ng/ml



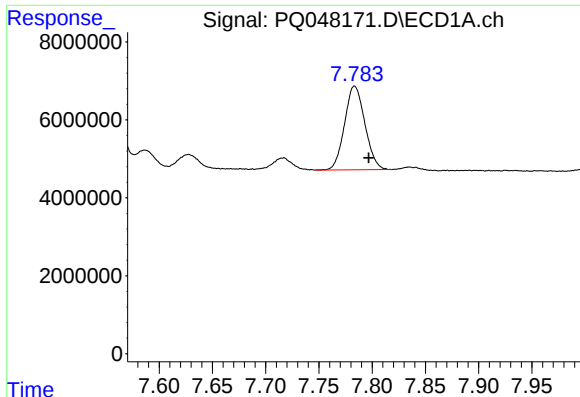
#26 AR-1254-1

R.T.: 7.556 min
Delta R.T.: -0.012 min
Response: 28083061
Conc: 123.90 ng/ml



#26 AR-1254-1

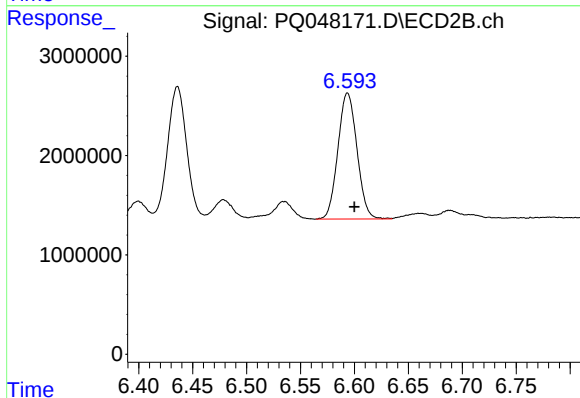
R.T.: 6.436 min
Delta R.T.: -0.006 min
Response: 16422396
Conc: 96.70 ng/ml



#27 AR-1254-2

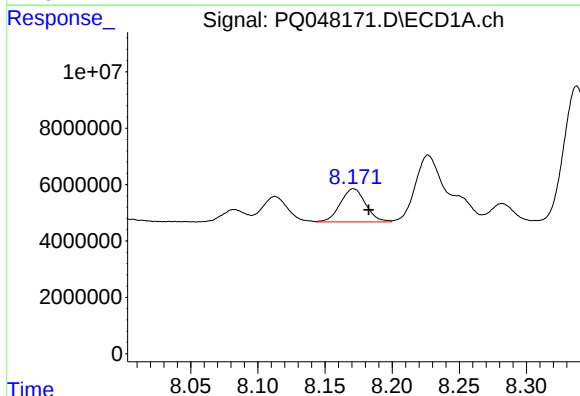
R.T.: 7.784 min
Delta R.T.: -0.013 min
Response: 28542285
Conc: 80.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



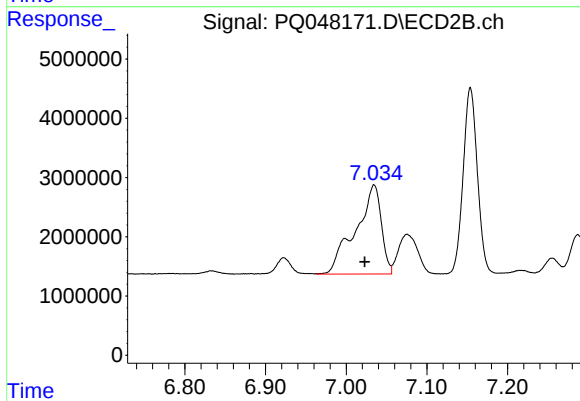
#27 AR-1254-2

R.T.: 6.594 min
Delta R.T.: -0.006 min
Response: 15606421
Conc: 106.14 ng/ml



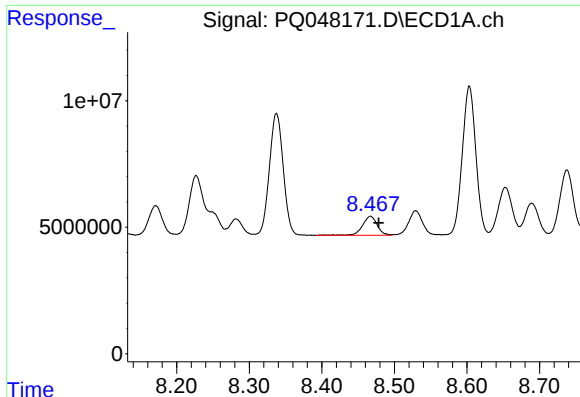
#28 AR-1254-3

R.T.: 8.171 min
Delta R.T.: -0.011 min
Response: 15509454
Conc: 40.69 ng/ml



#28 AR-1254-3

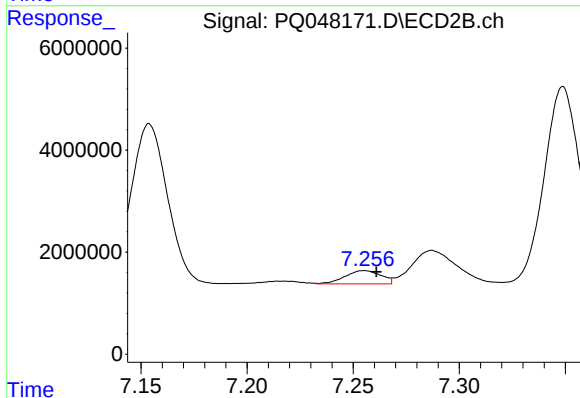
R.T.: 7.034 min
Delta R.T.: 0.011 min
Response: 33288779
Conc: 136.50 ng/ml



#29 AR-1254-4

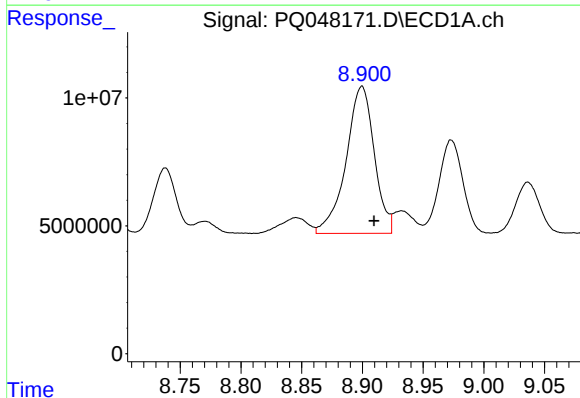
R.T.: 8.467 min
Delta R.T.: -0.011 min
Response: 10810635
Conc: 37.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



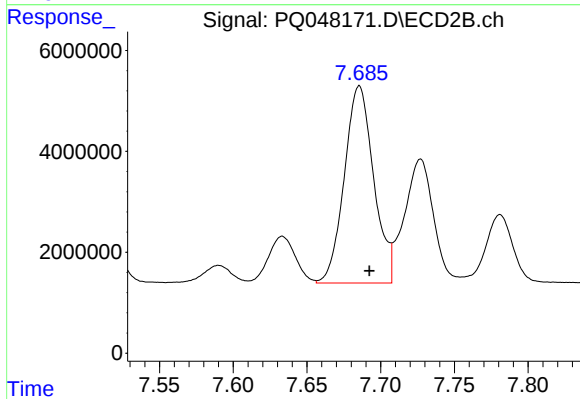
#29 AR-1254-4

R.T.: 7.255 min
Delta R.T.: -0.006 min
Response: 3077414
Conc: 19.80 ng/ml



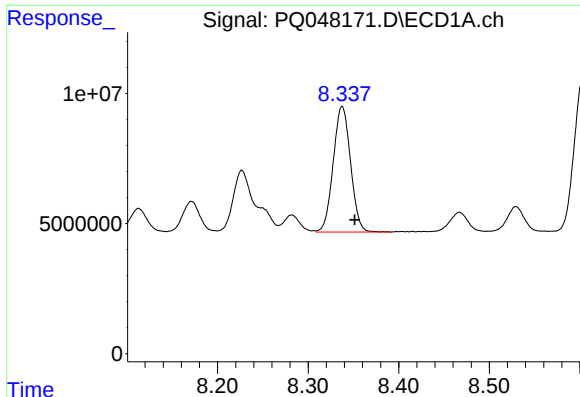
#30 AR-1254-5

R.T.: 8.900 min
Delta R.T.: -0.010 min
Response: 93023980
Conc: 296.29 ng/ml



#30 AR-1254-5

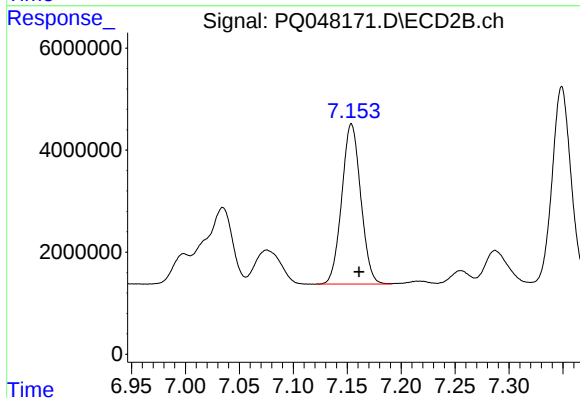
R.T.: 7.685 min
Delta R.T.: -0.007 min
Response: 54086868
Conc: 261.74 ng/ml



#31 AR-1260-1

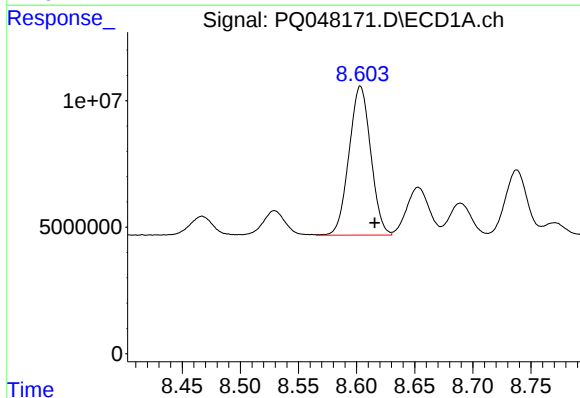
R.T.: 8.338 min
Delta R.T.: -0.014 min
Response: 64173215
Conc: 217.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



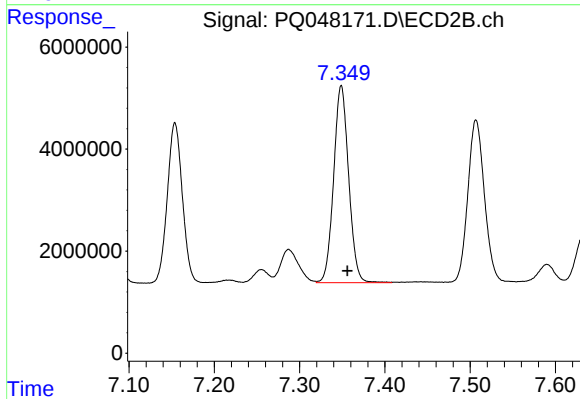
#31 AR-1260-1

R.T.: 7.154 min
Delta R.T.: -0.007 min
Response: 38440492
Conc: 235.05 ng/ml



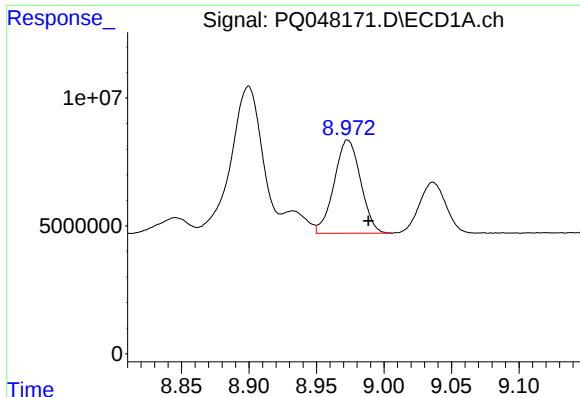
#32 AR-1260-2

R.T.: 8.603 min
Delta R.T.: -0.012 min
Response: 76492630
Conc: 222.84 ng/ml



#32 AR-1260-2

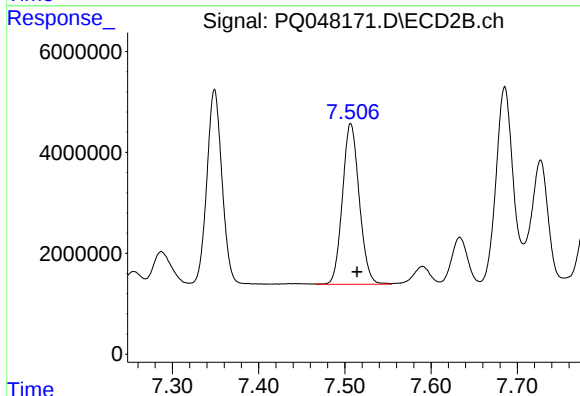
R.T.: 7.349 min
Delta R.T.: -0.007 min
Response: 47244523
Conc: 241.03 ng/ml



#33 AR-1260-3

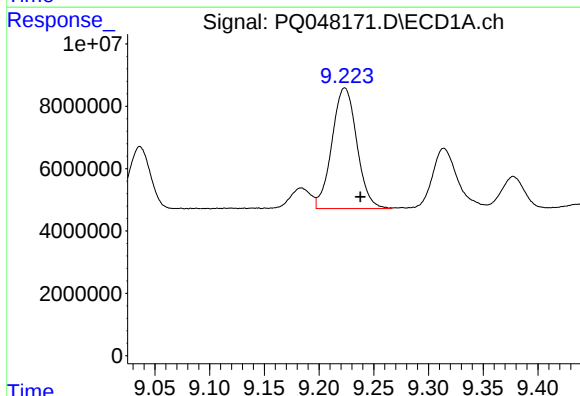
R.T.: 8.973 min
Delta R.T.: -0.015 min
Response: 49782549
Conc: 188.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



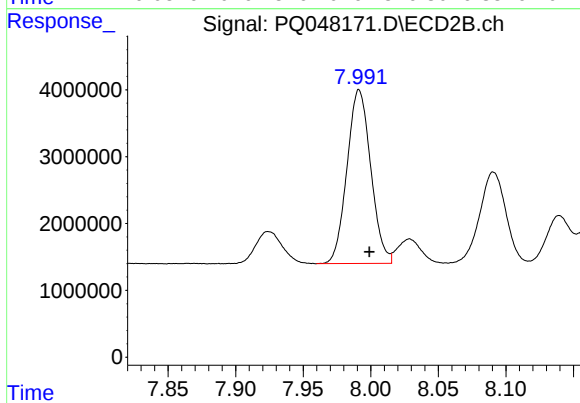
#33 AR-1260-3

R.T.: 7.507 min
Delta R.T.: -0.007 min
Response: 43174073
Conc: 244.42 ng/ml



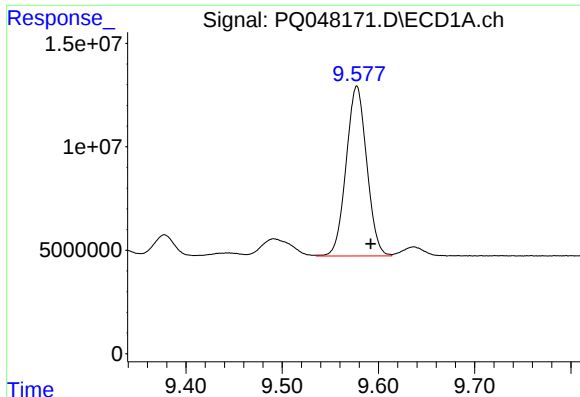
#34 AR-1260-4

R.T.: 9.223 min
Delta R.T.: -0.014 min
Response: 61266941
Conc: 200.54 ng/ml



#34 AR-1260-4

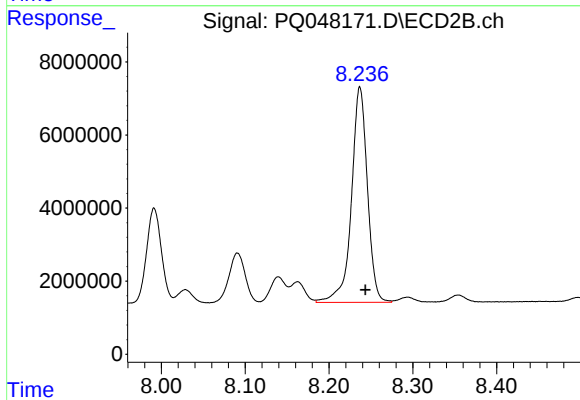
R.T.: 7.991 min
Delta R.T.: -0.008 min
Response: 31829004
Conc: 200.96 ng/ml



#35 AR-1260-5

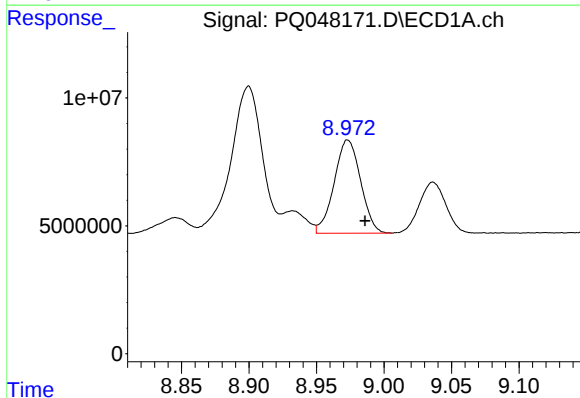
R.T.: 9.578 min
Delta R.T.: -0.015 min
Response: 121648003
Conc: 187.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



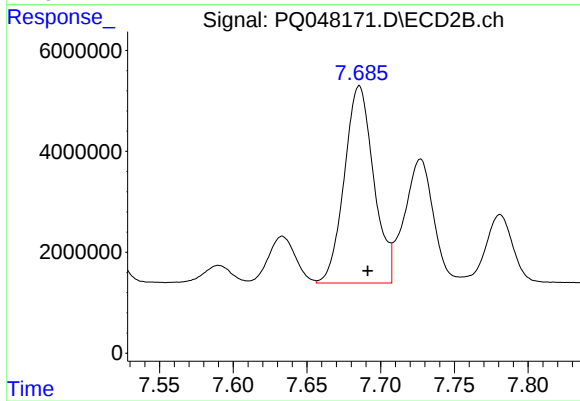
#35 AR-1260-5

R.T.: 8.237 min
Delta R.T.: -0.007 min
Response: 78122496
Conc: 200.72 ng/ml



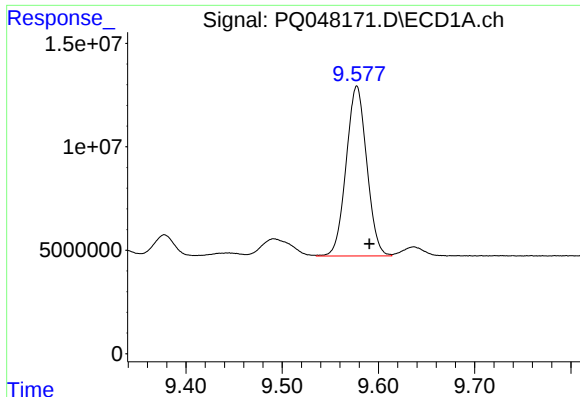
#36 AR-1262-1

R.T.: 8.973 min
Delta R.T.: -0.013 min
Response: 49782549
Conc: 146.07 ng/ml



#36 AR-1262-1

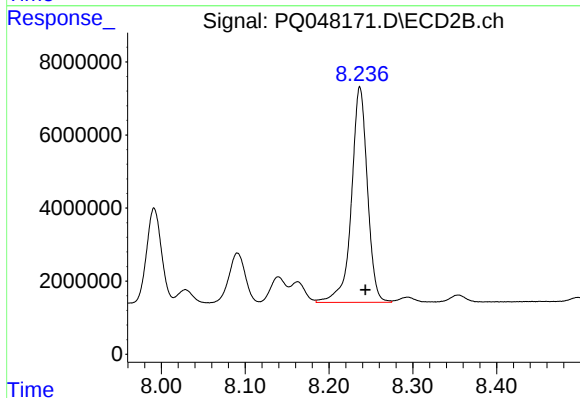
R.T.: 7.685 min
Delta R.T.: -0.006 min
Response: 54086868
Conc: 534.05 ng/ml



#37 AR-1262-2

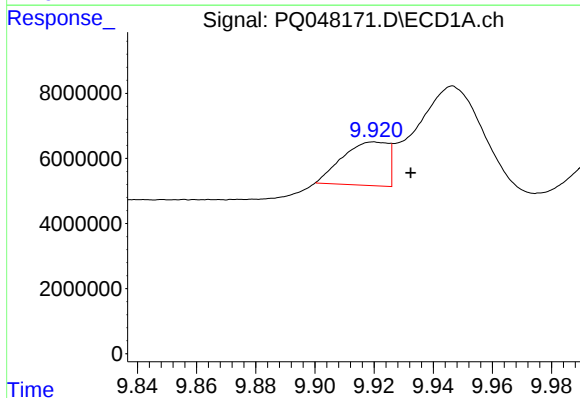
R.T.: 9.578 min
Delta R.T.: -0.013 min
Response: 121648003
Conc: 182.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



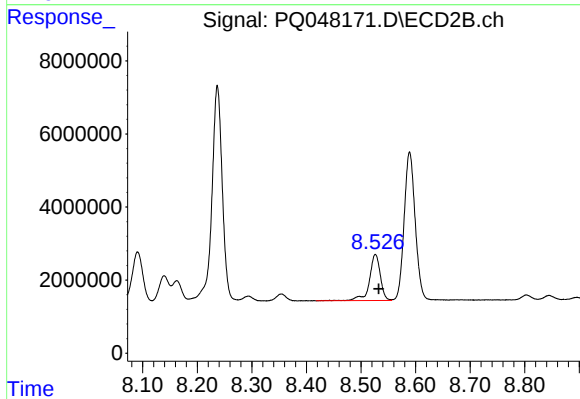
#37 AR-1262-2

R.T.: 8.237 min
Delta R.T.: -0.006 min
Response: 78122496
Conc: 198.03 ng/ml



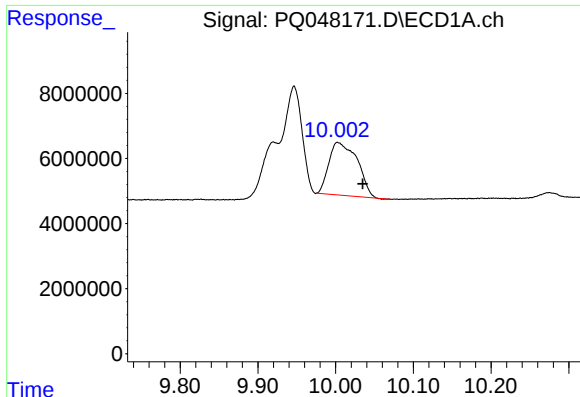
#38 AR-1262-3

R.T.: 9.920 min
Delta R.T.: -0.012 min
Response: 14185901
Conc: 30.90 ng/ml



#38 AR-1262-3

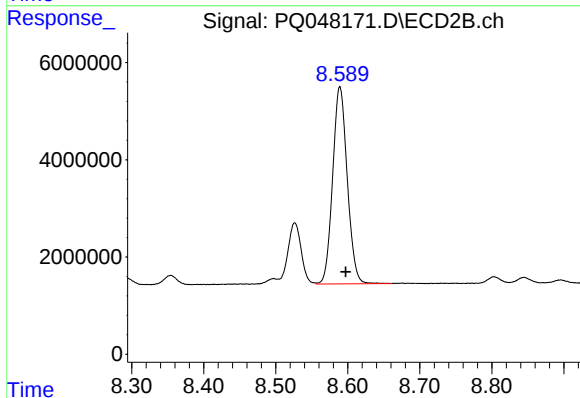
R.T.: 8.527 min
Delta R.T.: -0.006 min
Response: 17440361
Conc: 120.99 ng/ml



#39 AR-1262-4

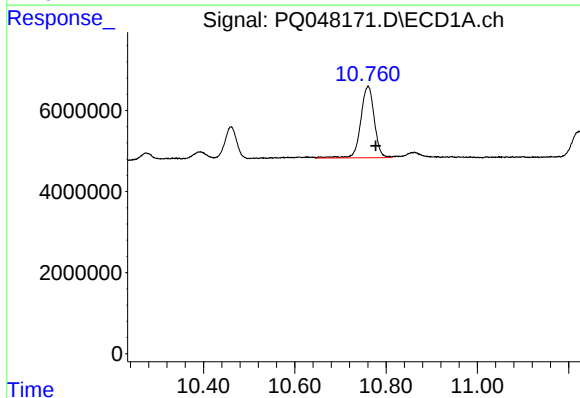
R.T.: 10.003 min
Delta R.T.: -0.032 min
Response: 41150986
Conc: 118.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



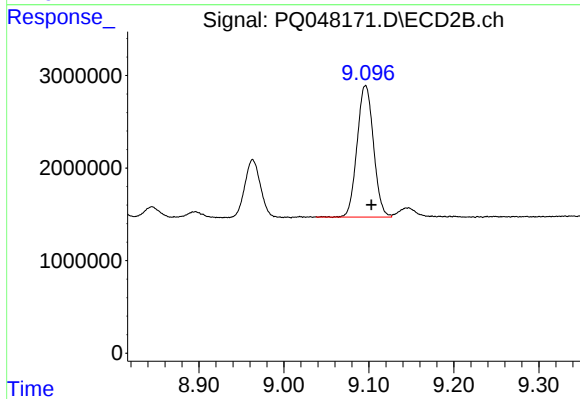
#39 AR-1262-4

R.T.: 8.589 min
Delta R.T.: -0.008 min
Response: 57009064
Conc: 198.71 ng/ml



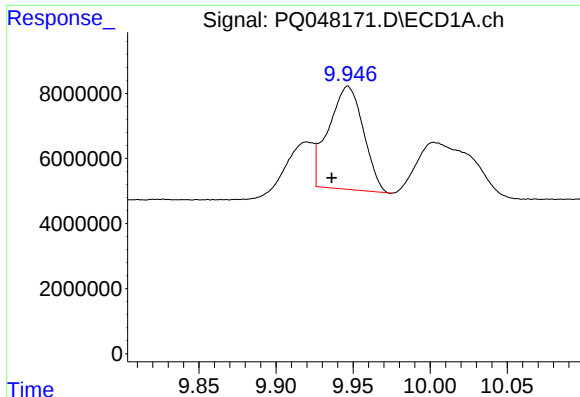
#40 AR-1262-5

R.T.: 10.761 min
Delta R.T.: -0.016 min
Response: 36371196
Conc: 142.32 ng/ml



#40 AR-1262-5

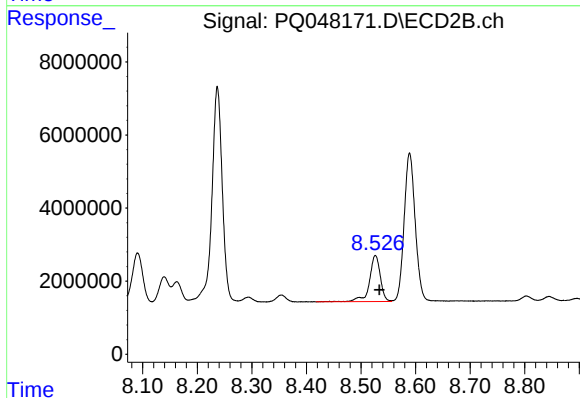
R.T.: 9.096 min
Delta R.T.: -0.007 min
Response: 19110441
Conc: 142.17 ng/ml



#41 AR-1268-1

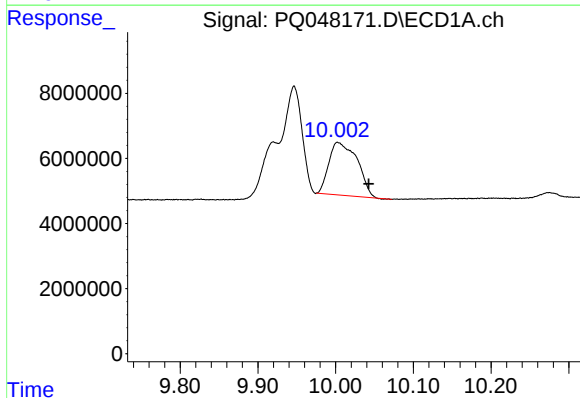
R.T.: 9.947 min
Delta R.T.: 0.011 min
Response: 49738056
Conc: 52.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



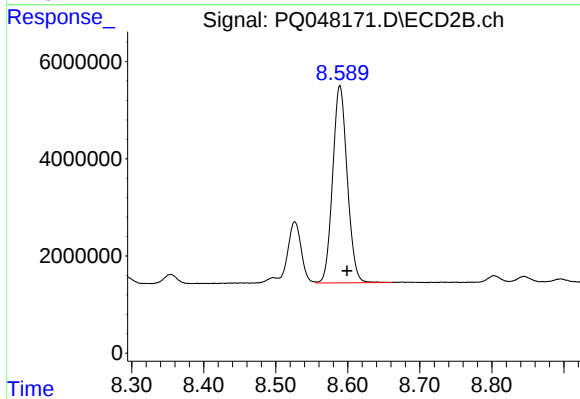
#41 AR-1268-1

R.T.: 8.527 min
Delta R.T.: -0.007 min
Response: 17440361
Conc: 32.85 ng/ml



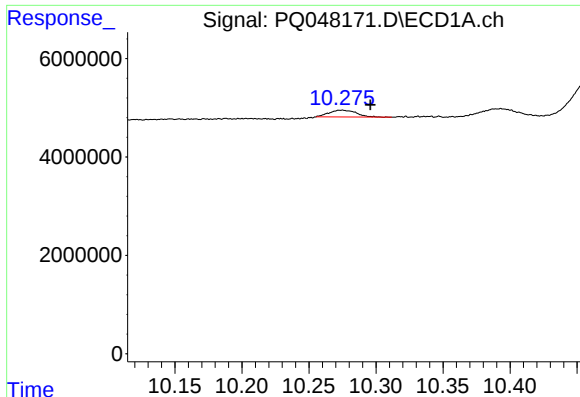
#42 AR-1268-2

R.T.: 10.003 min
Delta R.T.: -0.040 min
Response: 41150986
Conc: 46.13 ng/ml



#42 AR-1268-2

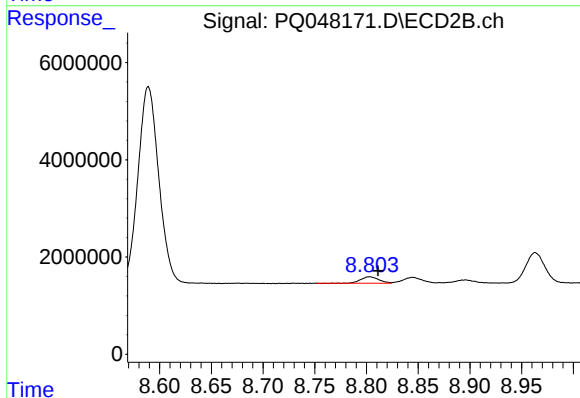
R.T.: 8.589 min
Delta R.T.: -0.010 min
Response: 57009064
Conc: 112.86 ng/ml



#43 AR-1268-3

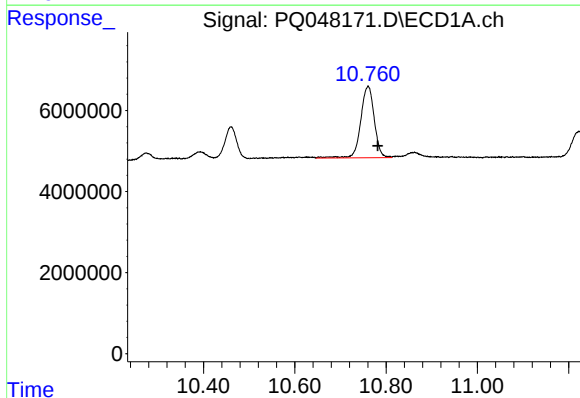
R.T.: 10.274 min
Delta R.T.: -0.021 min
Response: 1930026
Conc: 2.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



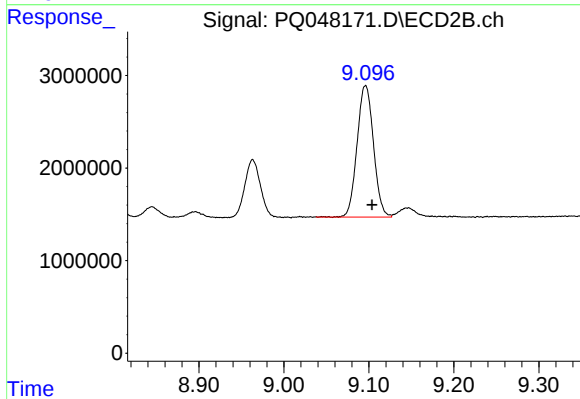
#43 AR-1268-3

R.T.: 8.803 min
Delta R.T.: -0.008 min
Response: 1588465
Conc: 3.82 ng/ml



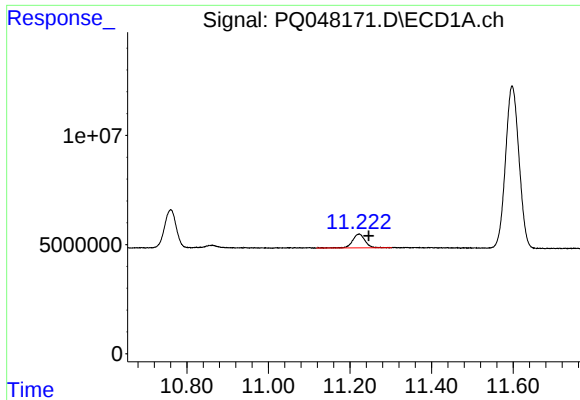
#44 AR-1268-4

R.T.: 10.761 min
Delta R.T.: -0.021 min
Response: 36371196
Conc: 104.98 ng/ml



#44 AR-1268-4

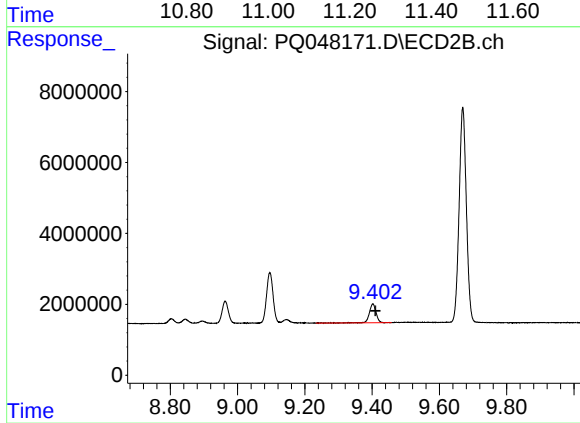
R.T.: 9.096 min
Delta R.T.: -0.008 min
Response: 19110441
Conc: 103.80 ng/ml



#45 AR-1268-5

R.T.: 11.222 min
Delta R.T.: -0.023 min
Response: 13563620
Conc: 5.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.402 min
Delta R.T.: -0.008 min
Response: 7523007
Conc: 5.27 ng/ml