

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031920\
 Data File : PQ047053.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2020 09:43
 Operator : AJ\MA
 Sample : L1954-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 16:48:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 17 15:09:31 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...	5.118	4.274	531.8E6	66643911	23.785	23.220
2)	SA Decachlor...	11.196	9.662	255.0E6	69630370	19.967	20.867
Target Compounds							
3)	L1 AR-1016-1	6.432	5.547	193.6E6	25659276	212.252	218.407
4)	L1 AR-1016-2	6.456	5.568	274.4E6	34775931	212.243	217.666
5)	L1 AR-1016-3	6.523	5.764	161.6E6	18504477	211.684	216.476
6)	L1 AR-1016-4	6.629	5.812	145.5E6	14575724	219.058	210.101
7)	L1 AR-1016-5	6.944	6.046	128.9E6	20785494	201.729	227.683
8)	L2 AR-1221-1	5.356	4.533	16397973	2012493	67.799	66.960
9)	L2 AR-1221-2	5.463	4.637	24050259	3267152	129.714	144.838
10)	L2 AR-1221-3	5.548	4.727	91850244	11877545	164.806	172.133
11)	L3 AR-1232-1	5.548	4.727	91850244	11877545	234.736	249.384
12)	L3 AR-1232-2	6.138	5.568	131.0E6	34775931	606.290	687.253
13)	L3 AR-1232-3	6.456	5.764	274.4E6	18504477	653.808	700.759
14)	L3 AR-1232-4	6.629	5.858	145.5E6	17772691	674.897	749.893
15)	L3 AR-1232-5	6.727	6.046	109.0E6	20785494	745.638	772.540
16)	L4 AR-1242-1	6.432	5.547	193.6E6	25659276	334.319	342.210
17)	L4 AR-1242-2	6.456	5.568	274.4E6	34775931	335.774	344.022
18)	L4 AR-1242-3	6.523	5.764	161.6E6	18504477	325.908	335.498
19)	L4 AR-1242-4	6.629	5.858	145.5E6	17772691	339.731	334.569
20)	L4 AR-1242-5	7.411	6.426	23429003	17944456	49.868	249.207 #
21)	L5 AR-1248-1	6.432	5.547	193.6E6	25659276	411.206	427.211
22)	L5 AR-1248-2	6.727	5.812	109.0E6	14575724	169.384	187.985
23)	L5 AR-1248-3	6.944	5.858	128.9E6	17772691	178.624	222.472
24)	L5 AR-1248-4	7.371	6.046	23185518	20785494	28.567	219.709 #
25)	L5 AR-1248-5	7.411	6.470	23429003	4060652	30.361	38.547 #
26)	L6 AR-1254-1	7.343	6.426	106.4E6	17944456	137.835	120.225
27)	L6 AR-1254-2	7.571	6.584	110.9E6	17330696	94.014	134.942 #
28)	L6 AR-1254-3	7.953	7.026	60952490	28531977	52.224	134.302 #
29)	L6 AR-1254-4	8.247	7.250	50547456	3739240	54.021	27.599 #
30)	L6 AR-1254-5	8.676	7.680	310.3E6	56796368	369.791	309.138
31)	L7 AR-1260-1	8.121	7.146	248.9E6	39687756	237.978	226.910
32)	L7 AR-1260-2	8.385	7.341	302.1E6	52671663	219.871	244.433
33)	L7 AR-1260-3	8.753	7.501	191.3E6	45378912	177.548	225.633 #
34)	L7 AR-1260-4	8.987	7.986	188.6E6	33205564	189.079	189.399
35)	L7 AR-1260-5	9.321	8.231	377.5E6	88948661	181.602	204.158
36)	L8 AR-1262-1	8.753	7.680	191.3E6	56796368	147.086	525.609 #
37)	L8 AR-1262-2	9.321	8.231	377.5E6	88948661	194.252	224.670
38)	L8 AR-1262-3	9.660	8.519	223.2E6	17902471	182.600	119.641 #
39)	L8 AR-1262-4	9.717	8.584	130.7E6	60412949	143.863	212.668 #
40)	L8 AR-1262-5	10.419	9.092	77891376	19801095	137.829	152.754
41)	L9 AR-1268-1	9.660	8.519	223.2E6	17902471	104.898	41.573 #

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 Sample : L1954-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

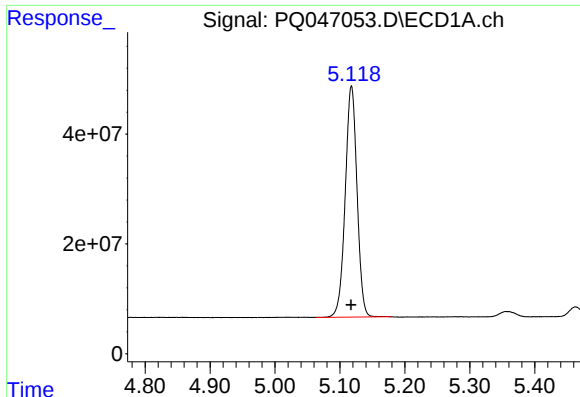
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 16:48:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.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	9.717	8.584	130.7E6	60412949	72.256	154.014 #
43) L9	AR-1268-3	9.974	8.794	10190128	1672460	6.845	5.253
44) L9	AR-1268-4	10.419	9.092	77891376	19801095	127.987	142.461
45) L9	AR-1268-5	10.845	9.396	25681688	6100741	6.848	6.057

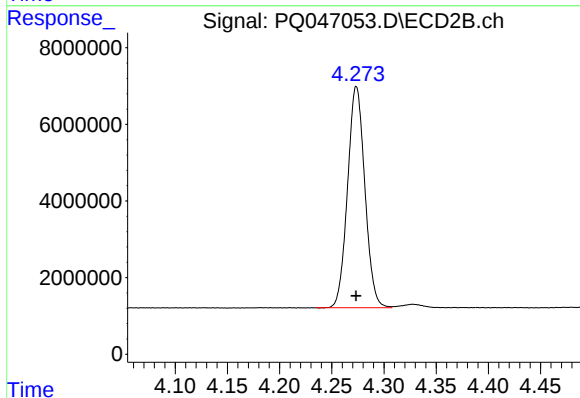
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

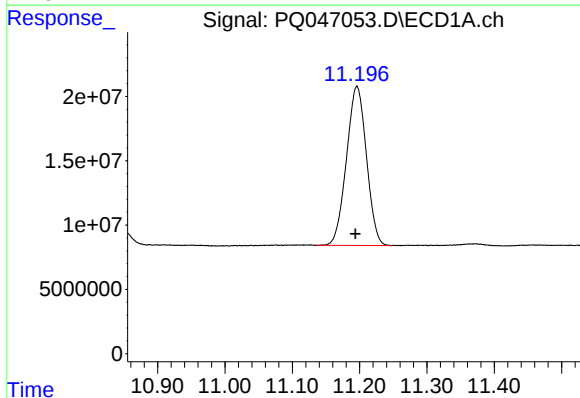
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 531801821
Conc: 23.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



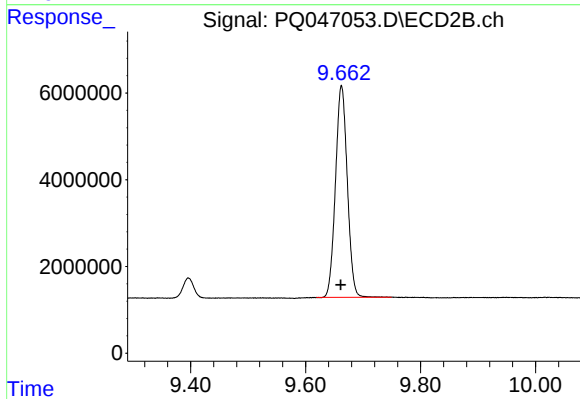
#1 Tetrachloro-m-xylene

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 66643911
Conc: 23.22 ng/ml



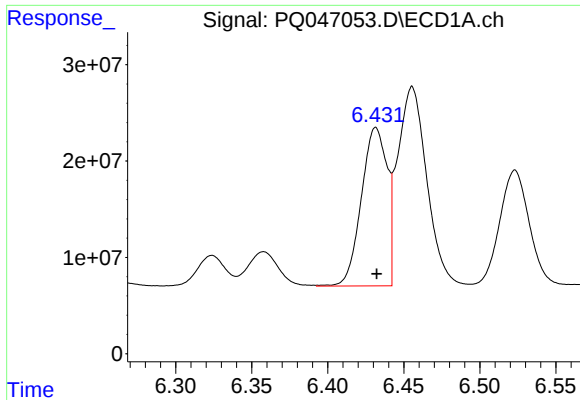
#2 Decachlorobiphenyl

R.T.: 11.196 min
Delta R.T.: 0.002 min
Response: 255018544
Conc: 19.97 ng/ml



#2 Decachlorobiphenyl

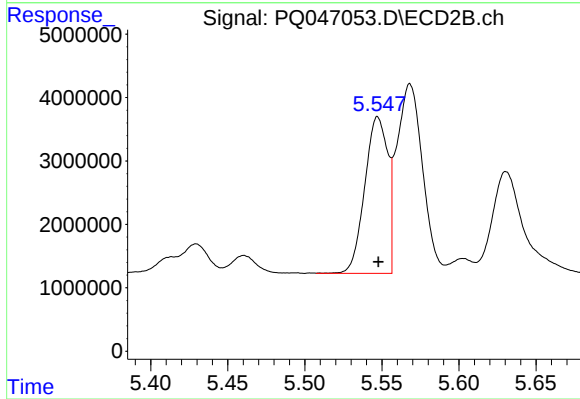
R.T.: 9.662 min
Delta R.T.: 0.001 min
Response: 69630370
Conc: 20.87 ng/ml



#3 AR-1016-1

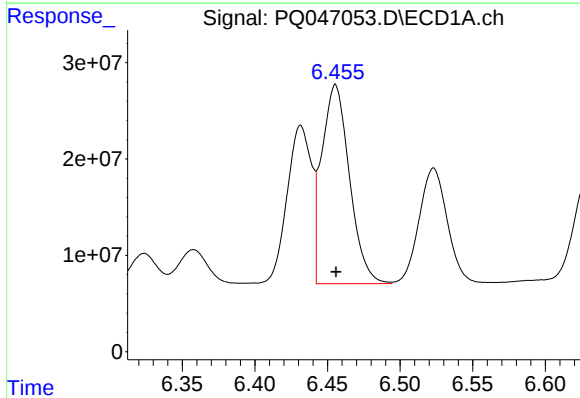
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 193630045
Conc: 212.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



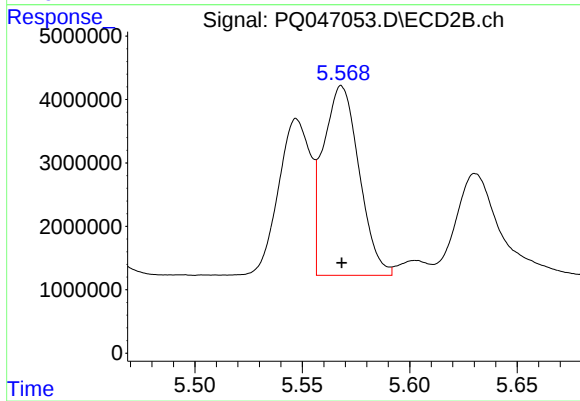
#3 AR-1016-1

R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 25659276
Conc: 218.41 ng/ml



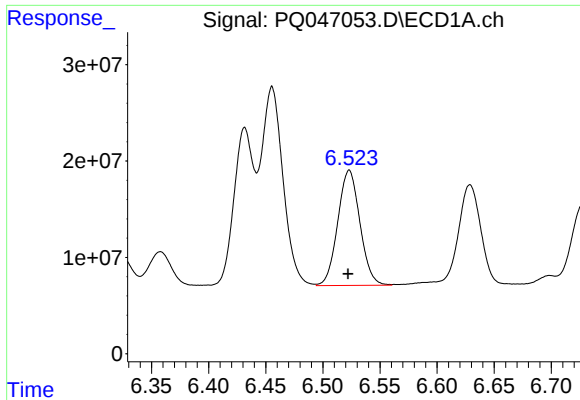
#4 AR-1016-2

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 274444628
Conc: 212.24 ng/ml



#4 AR-1016-2

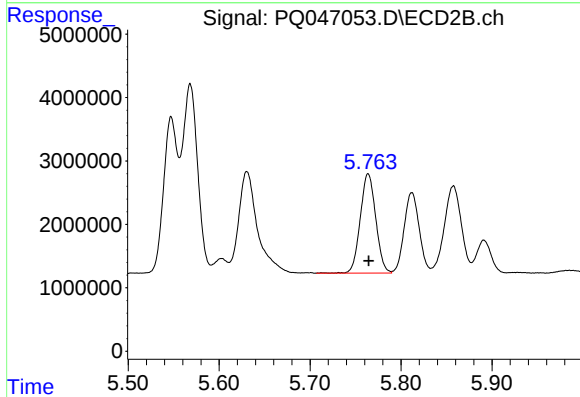
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 34775931
Conc: 217.67 ng/ml



#5 AR-1016-3

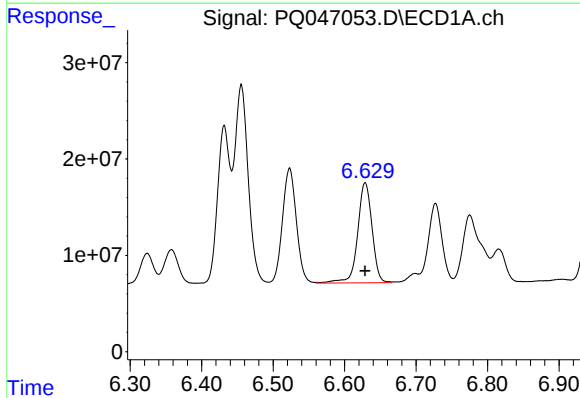
R.T.: 6.523 min
Delta R.T.: 0.001 min
Response: 161582677
Conc: 211.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



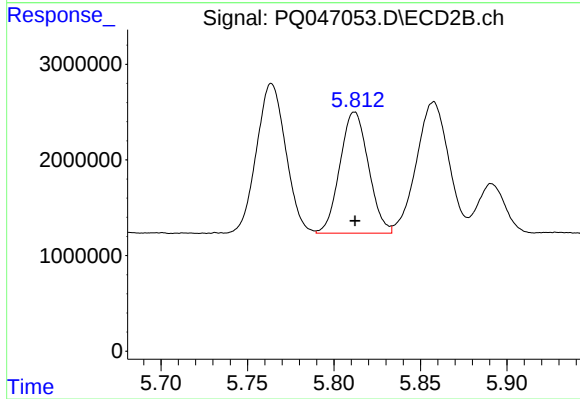
#5 AR-1016-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 18504477
Conc: 216.48 ng/ml



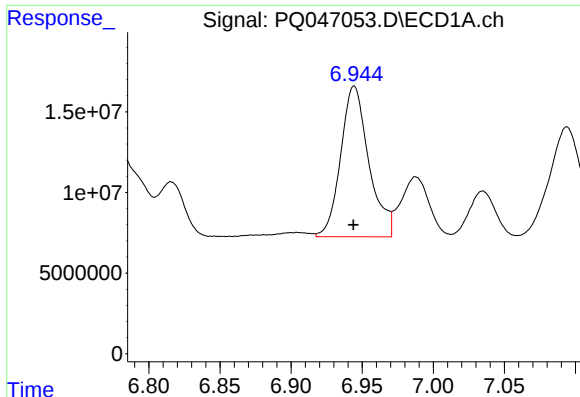
#6 AR-1016-4

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 145477922
Conc: 219.06 ng/ml



#6 AR-1016-4

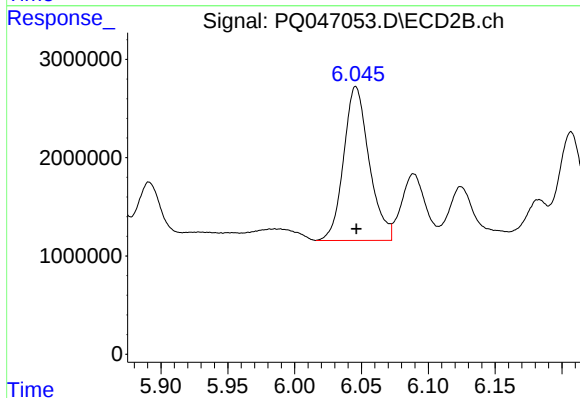
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 14575724
Conc: 210.10 ng/ml



#7 AR-1016-5

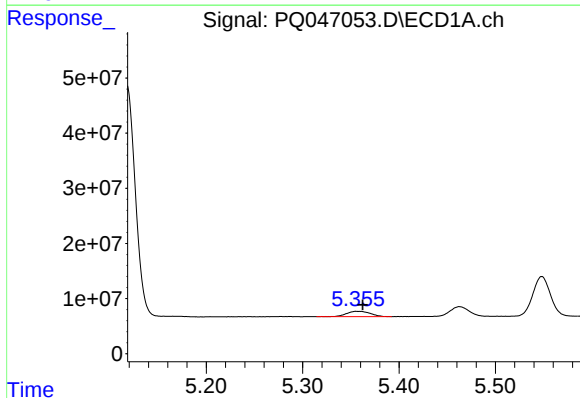
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 128863800
Conc: 201.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



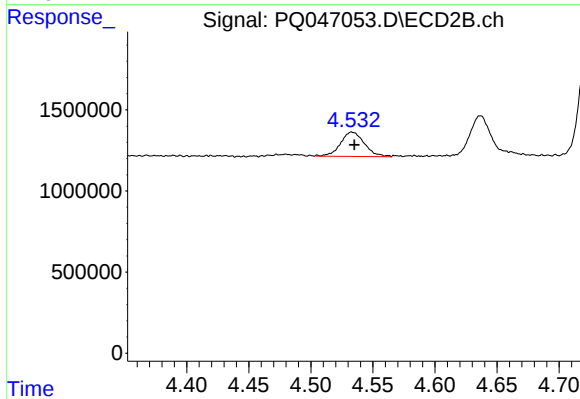
#7 AR-1016-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 20785494
Conc: 227.68 ng/ml



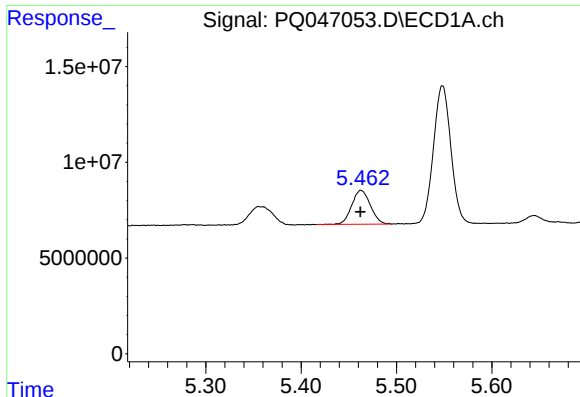
#8 AR-1221-1

R.T.: 5.356 min
Delta R.T.: -0.006 min
Response: 16397973
Conc: 67.80 ng/ml



#8 AR-1221-1

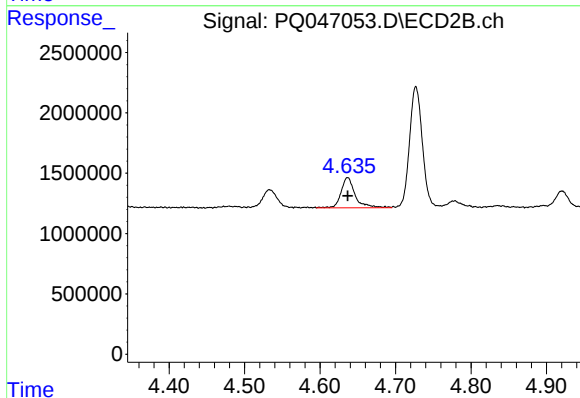
R.T.: 4.533 min
Delta R.T.: -0.002 min
Response: 2012493
Conc: 66.96 ng/ml



#9 AR-1221-2

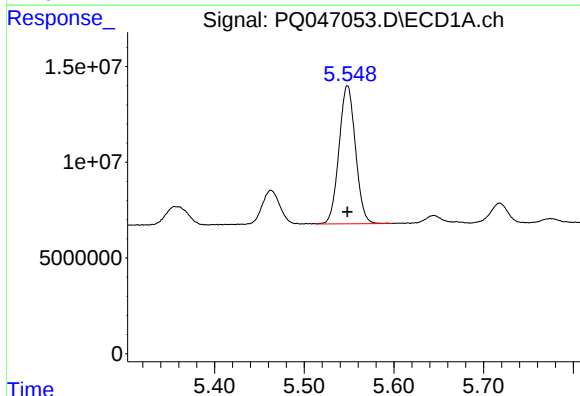
R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 24050259
Conc: 129.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



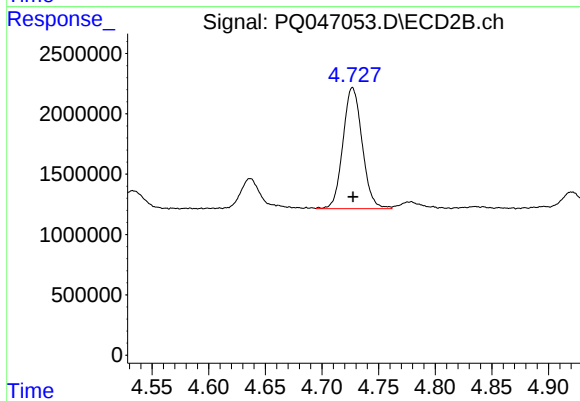
#9 AR-1221-2

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 3267152
Conc: 144.84 ng/ml



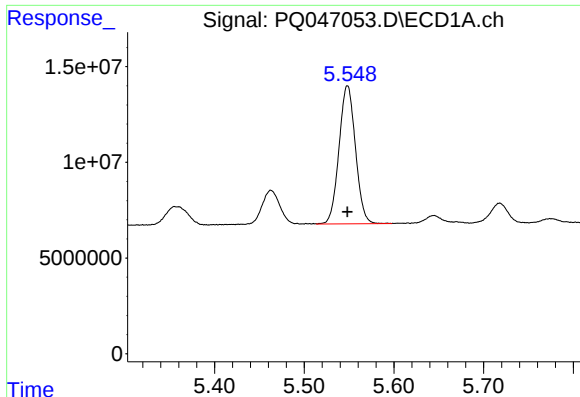
#10 AR-1221-3

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 91850244
Conc: 164.81 ng/ml



#10 AR-1221-3

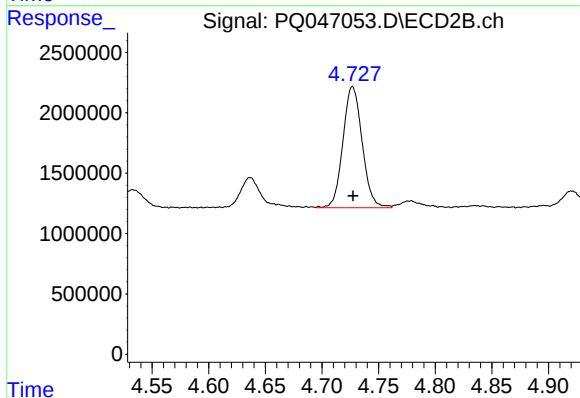
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 11877545
Conc: 172.13 ng/ml



#11 AR-1232-1

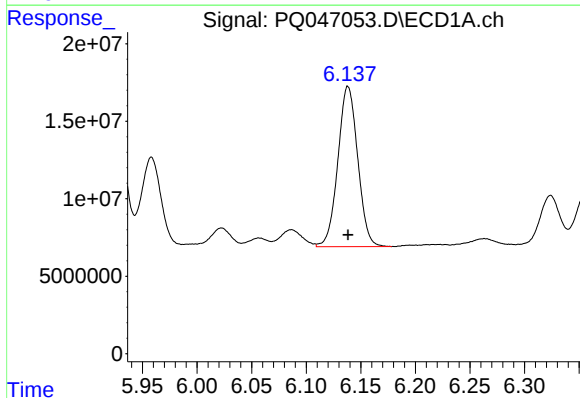
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 91850244
Conc: 234.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



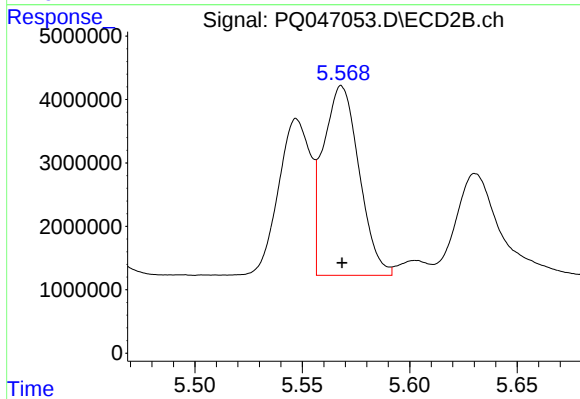
#11 AR-1232-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 11877545
Conc: 249.38 ng/ml



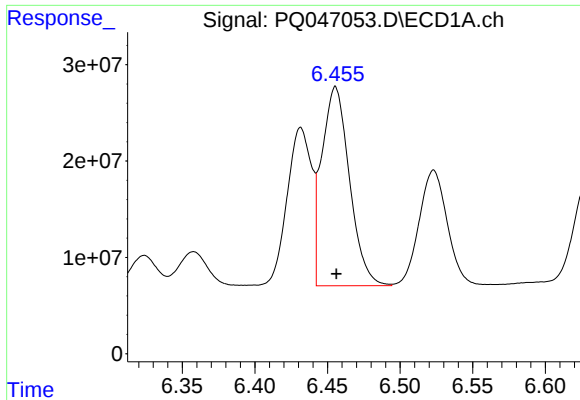
#12 AR-1232-2

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 131042316
Conc: 606.29 ng/ml



#12 AR-1232-2

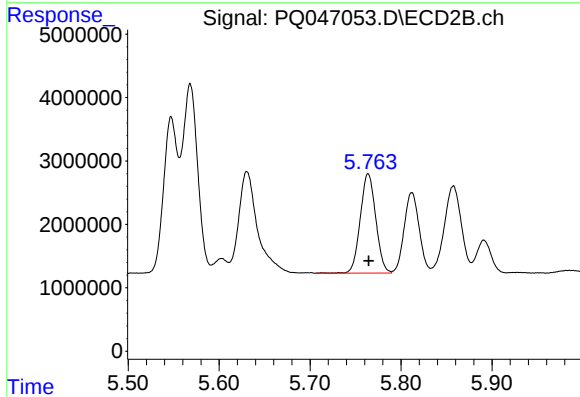
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 34775931
Conc: 687.25 ng/ml



#13 AR-1232-3

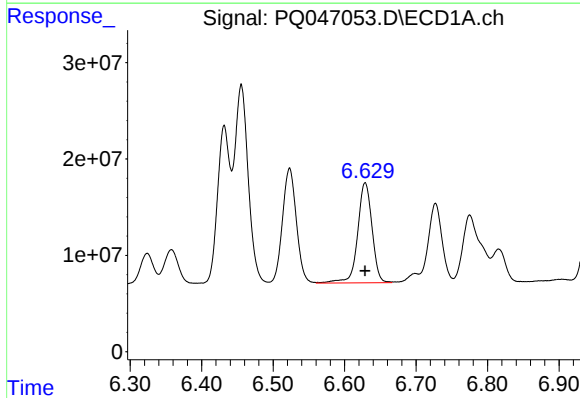
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 274444628
Conc: 653.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



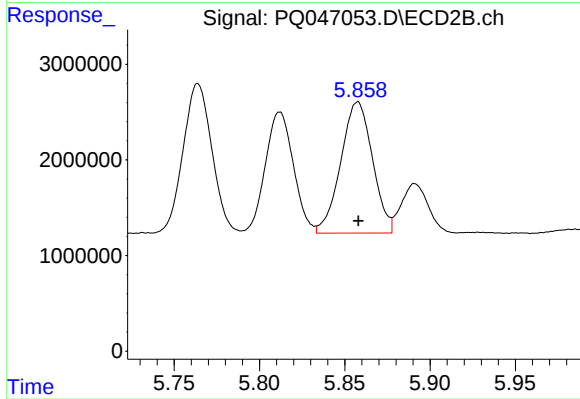
#13 AR-1232-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 18504477
Conc: 700.76 ng/ml



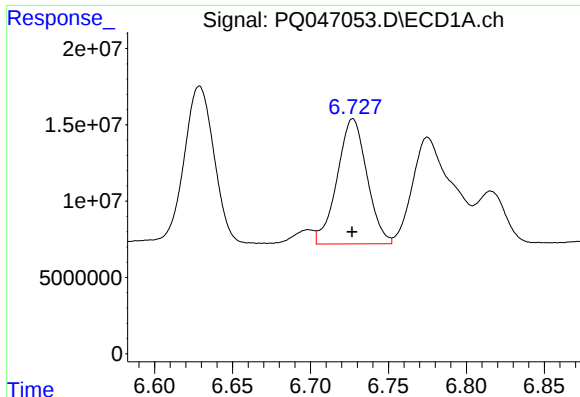
#14 AR-1232-4

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 145477922
Conc: 674.90 ng/ml



#14 AR-1232-4

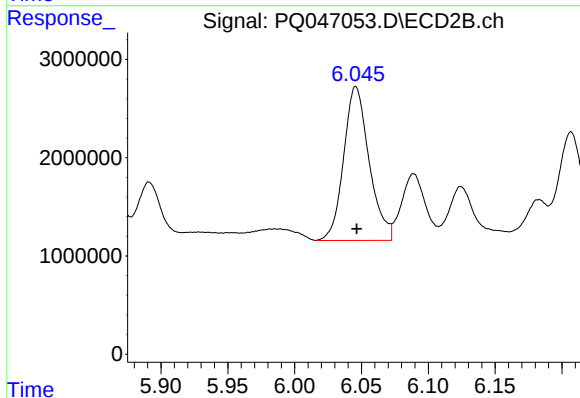
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 17772691
Conc: 749.89 ng/ml



#15 AR-1232-5

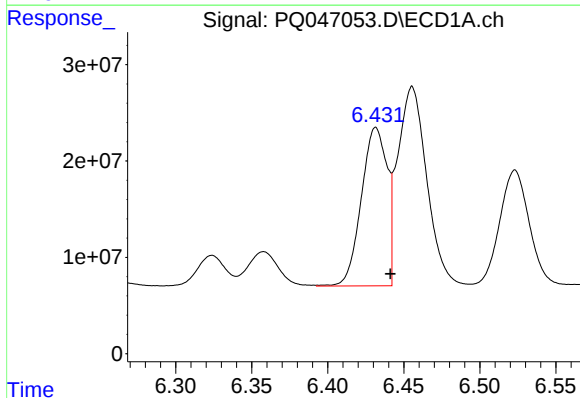
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 108980972
Conc: 745.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



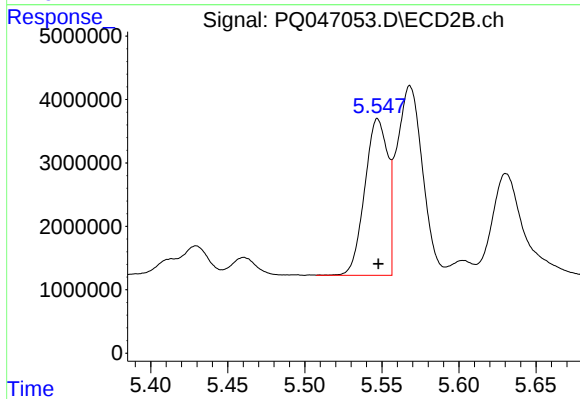
#15 AR-1232-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 20785494
Conc: 772.54 ng/ml



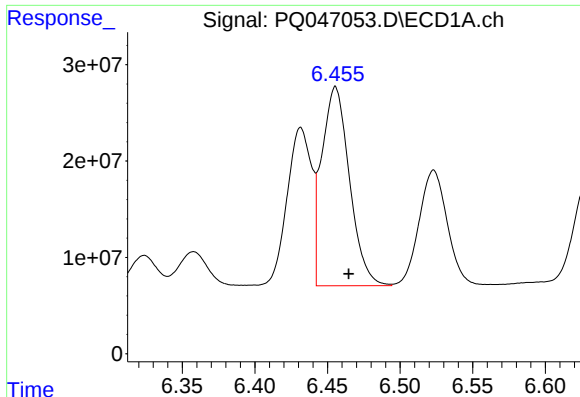
#16 AR-1242-1

R.T.: 6.432 min
Delta R.T.: -0.010 min
Response: 193630045
Conc: 334.32 ng/ml



#16 AR-1242-1

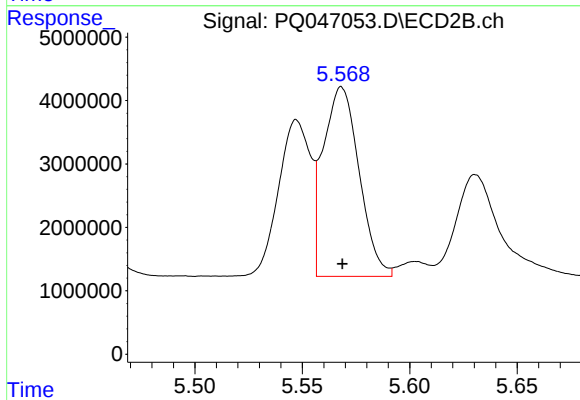
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 25659276
Conc: 342.21 ng/ml



#17 AR-1242-2

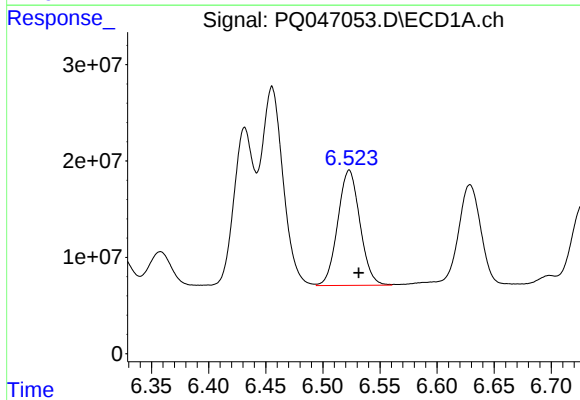
R.T.: 6.456 min
Delta R.T.: -0.009 min
Response: 274444628
Conc: 335.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



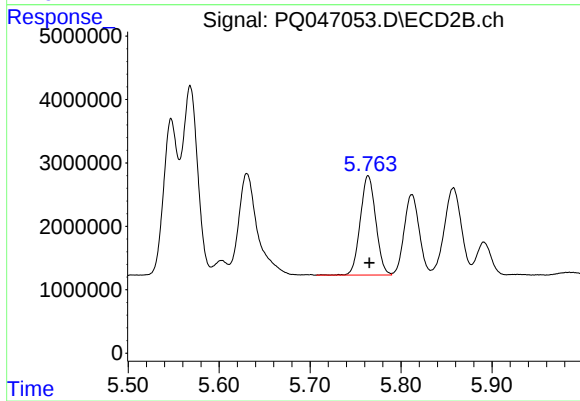
#17 AR-1242-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 34775931
Conc: 344.02 ng/ml



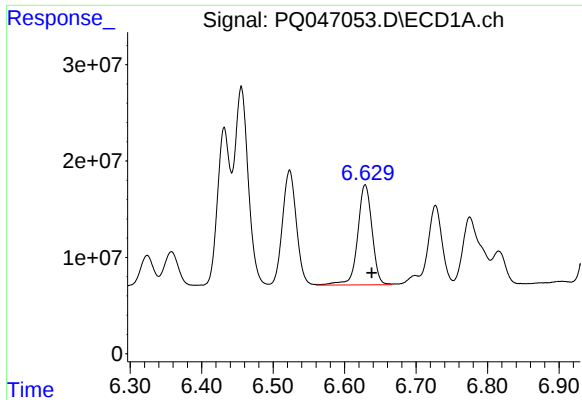
#18 AR-1242-3

R.T.: 6.523 min
Delta R.T.: -0.008 min
Response: 161582677
Conc: 325.91 ng/ml



#18 AR-1242-3

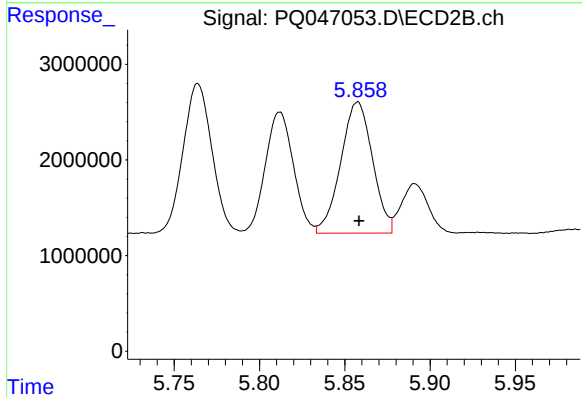
R.T.: 5.764 min
Delta R.T.: -0.001 min
Response: 18504477
Conc: 335.50 ng/ml



#19 AR-1242-4

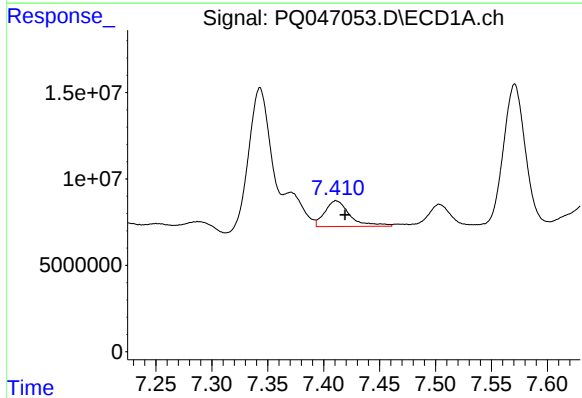
R.T.: 6.629 min
Delta R.T.: -0.009 min
Response: 145477922
Conc: 339.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



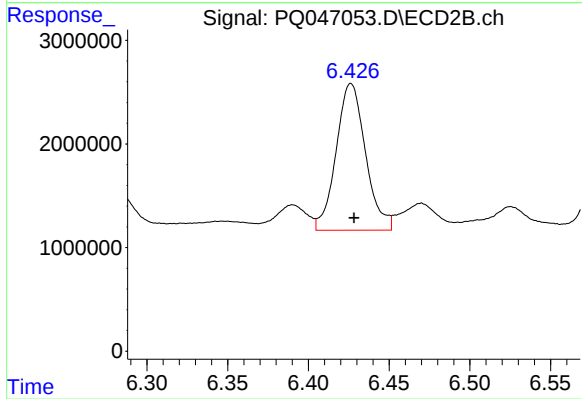
#19 AR-1242-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 17772691
Conc: 334.57 ng/ml



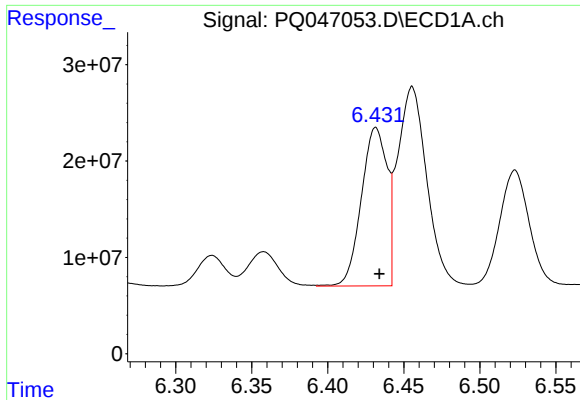
#20 AR-1242-5

R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 23429003
Conc: 49.87 ng/ml



#20 AR-1242-5

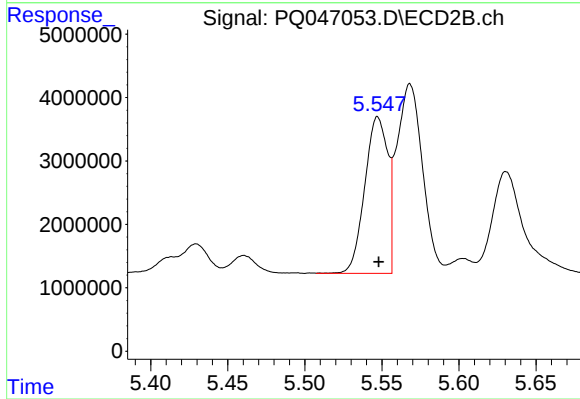
R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 17944456
Conc: 249.21 ng/ml



#21 AR-1248-1

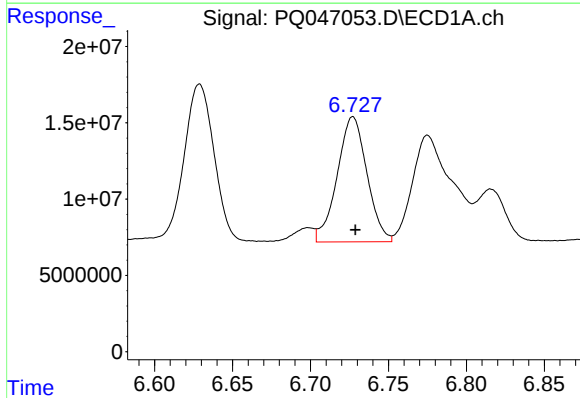
R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 193630045
Conc: 411.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



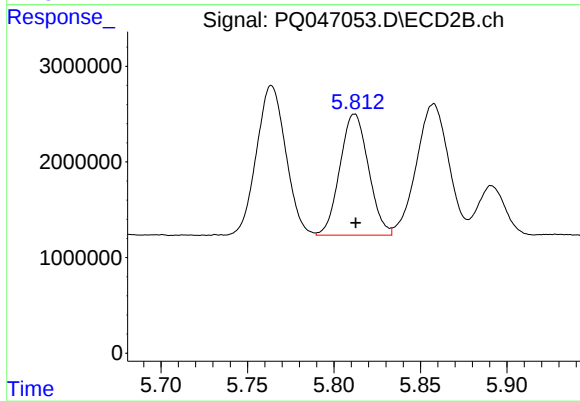
#21 AR-1248-1

R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 25659276
Conc: 427.21 ng/ml



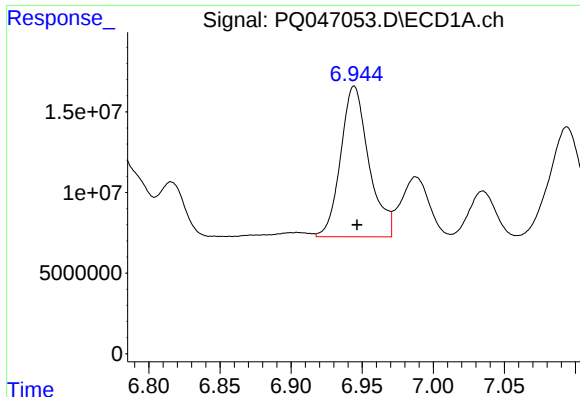
#22 AR-1248-2

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 108980972
Conc: 169.38 ng/ml



#22 AR-1248-2

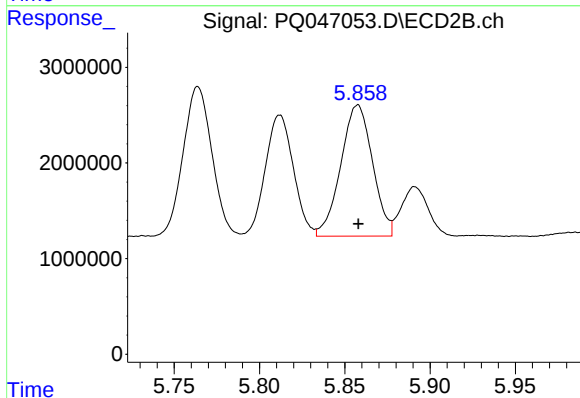
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 14575724
Conc: 187.98 ng/ml



#23 AR-1248-3

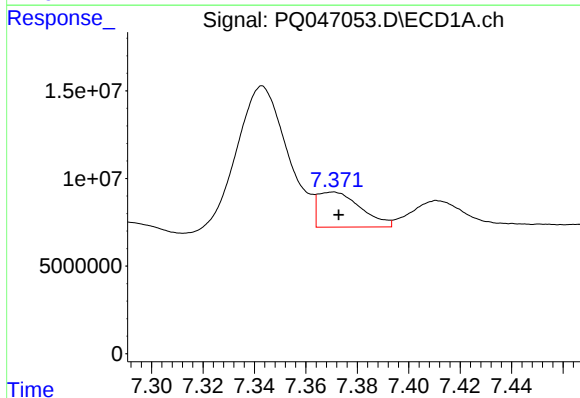
R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 128863800
Conc: 178.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



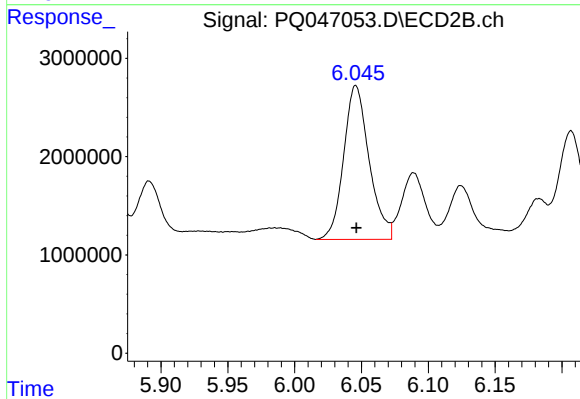
#23 AR-1248-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 17772691
Conc: 222.47 ng/ml



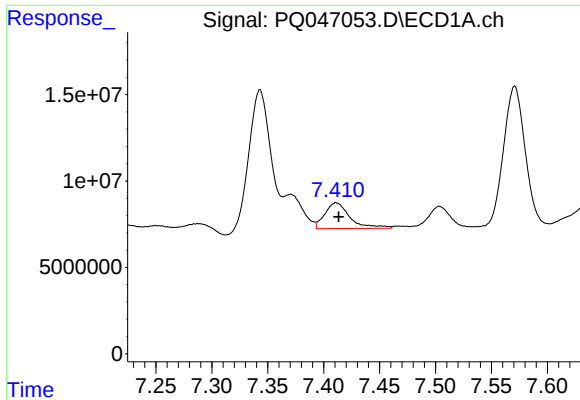
#24 AR-1248-4

R.T.: 7.371 min
Delta R.T.: -0.002 min
Response: 23185518
Conc: 28.57 ng/ml



#24 AR-1248-4

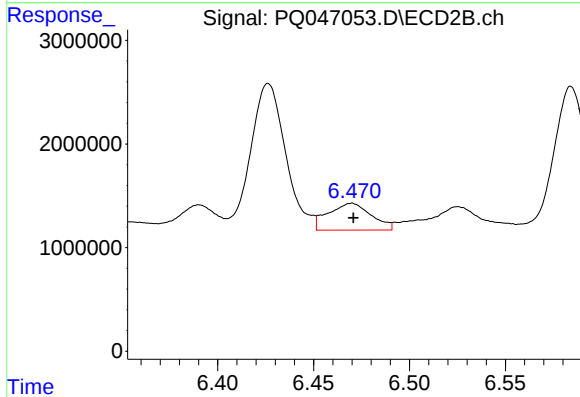
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 20785494
Conc: 219.71 ng/ml



#25 AR-1248-5

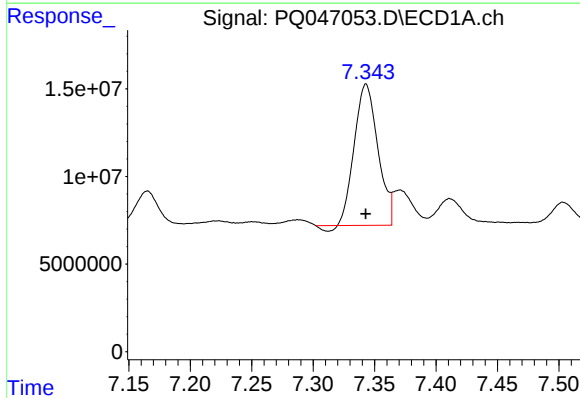
R.T.: 7.411 min
Delta R.T.: -0.002 min
Response: 23429003
Conc: 30.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



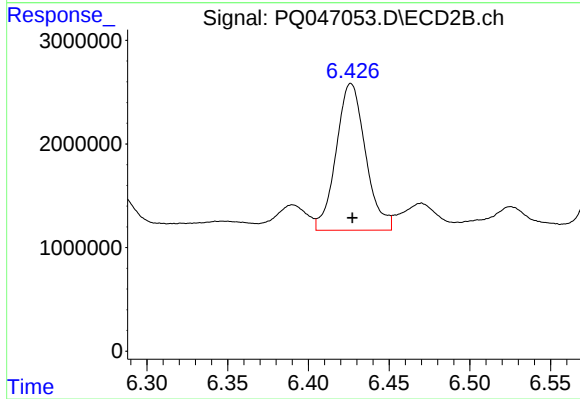
#25 AR-1248-5

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 4060652
Conc: 38.55 ng/ml



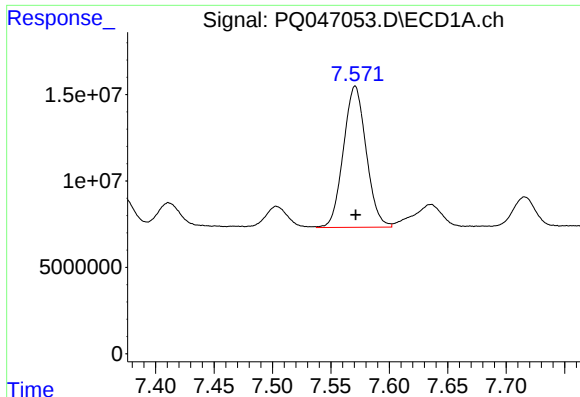
#26 AR-1254-1

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 106422443
Conc: 137.83 ng/ml



#26 AR-1254-1

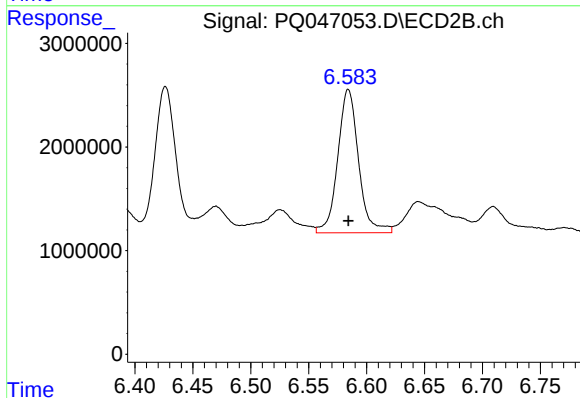
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 17944456
Conc: 120.23 ng/ml



#27 AR-1254-2

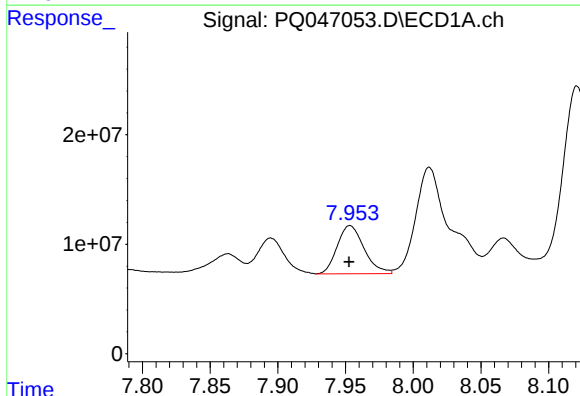
R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 110860625
Conc: 94.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



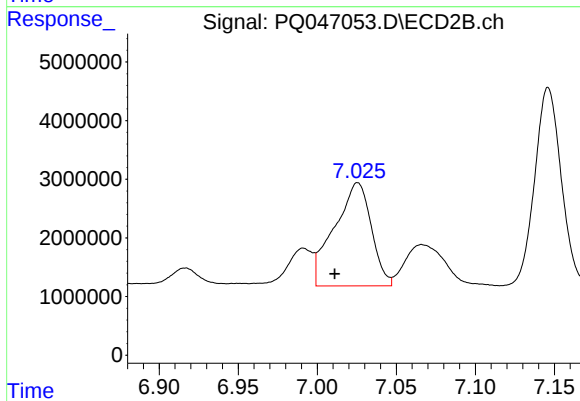
#27 AR-1254-2

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 17330696
Conc: 134.94 ng/ml



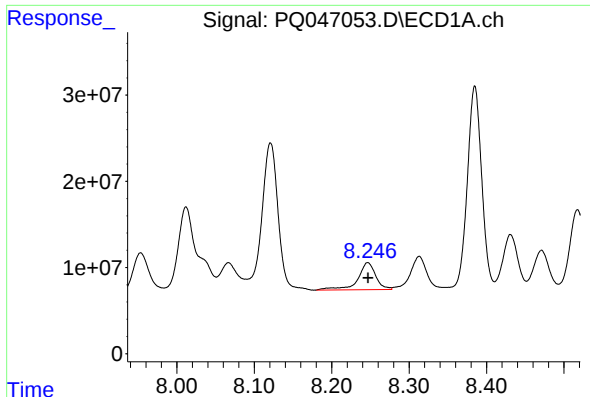
#28 AR-1254-3

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 60952490
Conc: 52.22 ng/ml



#28 AR-1254-3

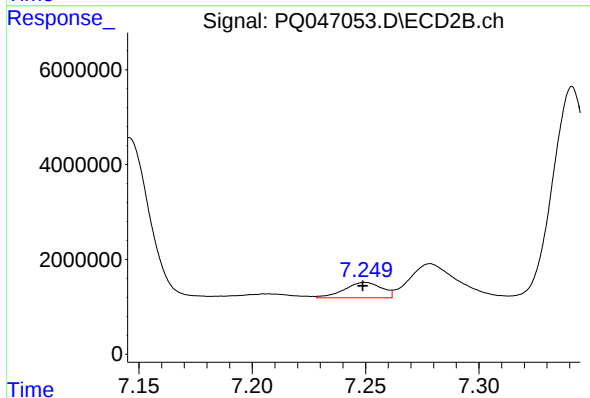
R.T.: 7.026 min
Delta R.T.: 0.015 min
Response: 28531977
Conc: 134.30 ng/ml



#29 AR-1254-4

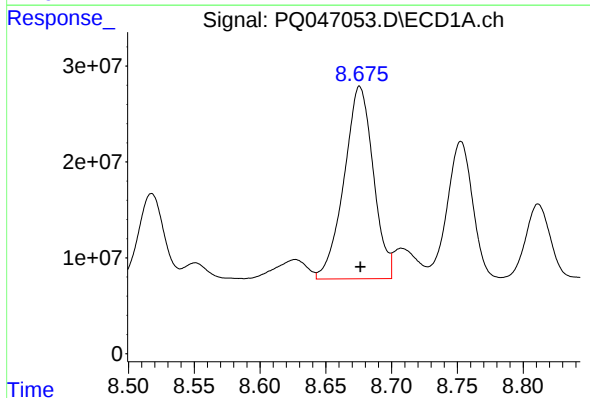
R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 50547456
Conc: 54.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



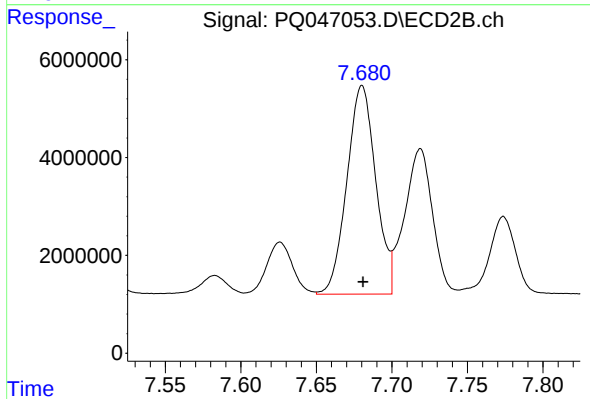
#29 AR-1254-4

R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 3739240
Conc: 27.60 ng/ml



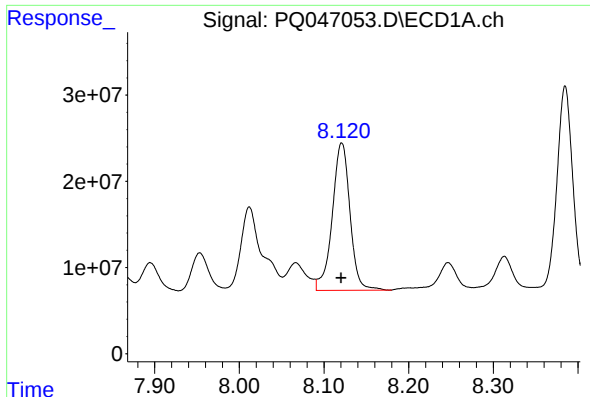
#30 AR-1254-5

R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 310276159
Conc: 369.79 ng/ml



#30 AR-1254-5

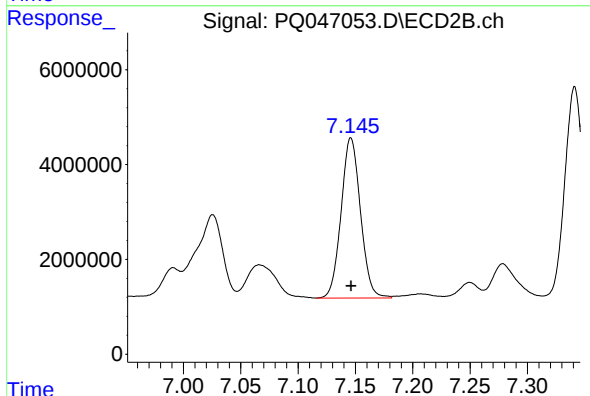
R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 56796368
Conc: 309.14 ng/ml



#31 AR-1260-1

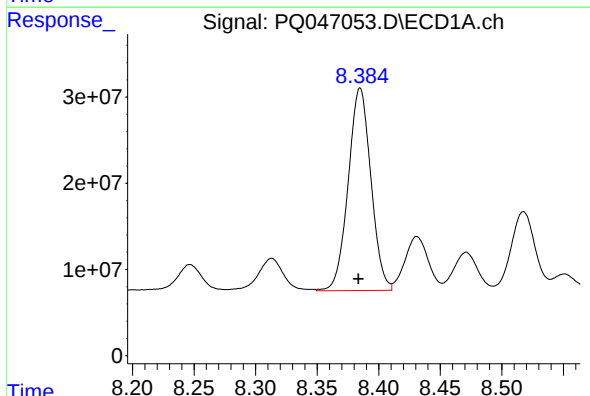
R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 248930737
Conc: 237.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



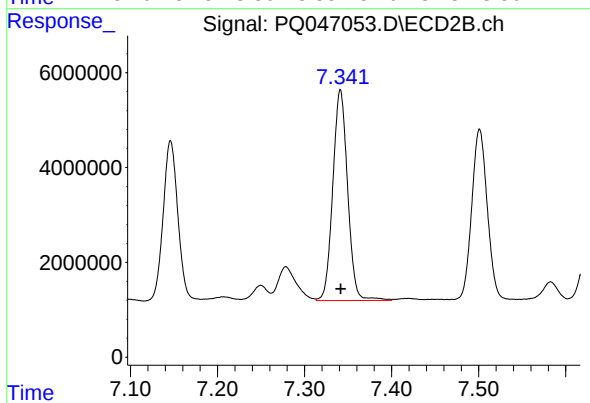
#31 AR-1260-1

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 39687756
Conc: 226.91 ng/ml



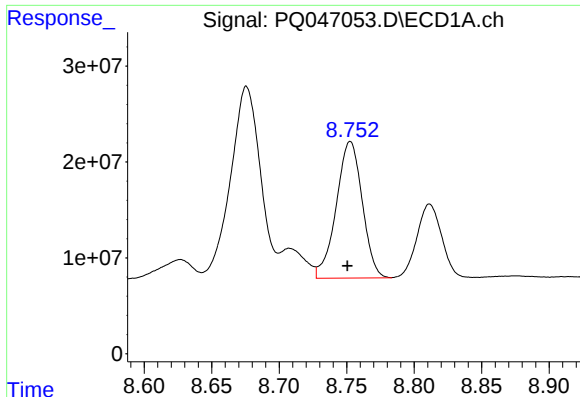
#32 AR-1260-2

R.T.: 8.385 min
Delta R.T.: 0.001 min
Response: 302051029
Conc: 219.87 ng/ml



#32 AR-1260-2

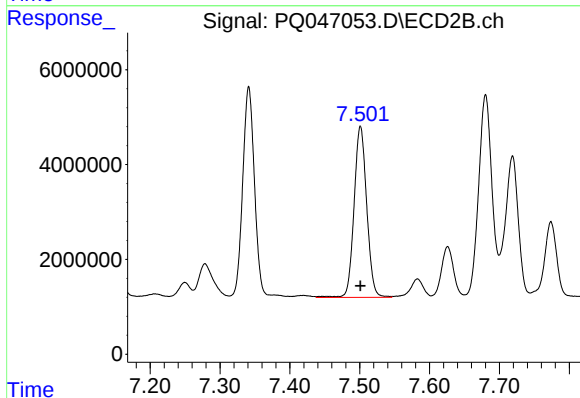
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 52671663
Conc: 244.43 ng/ml



#33 AR-1260-3

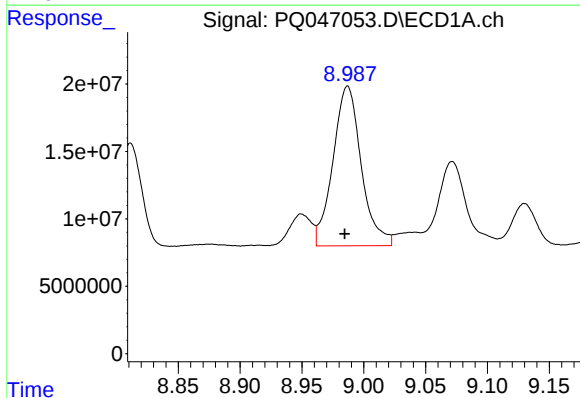
R.T.: 8.753 min
Delta R.T.: 0.002 min
Response: 191273874
Conc: 177.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



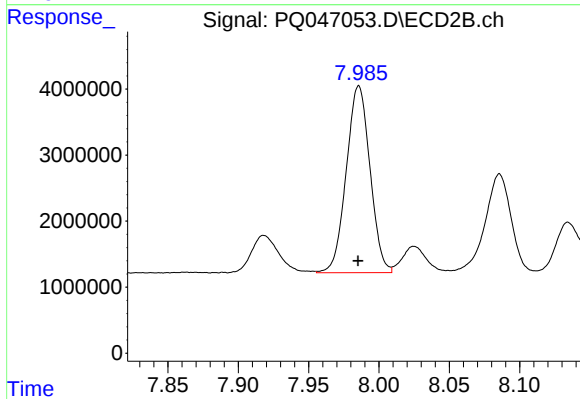
#33 AR-1260-3

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 45378912
Conc: 225.63 ng/ml



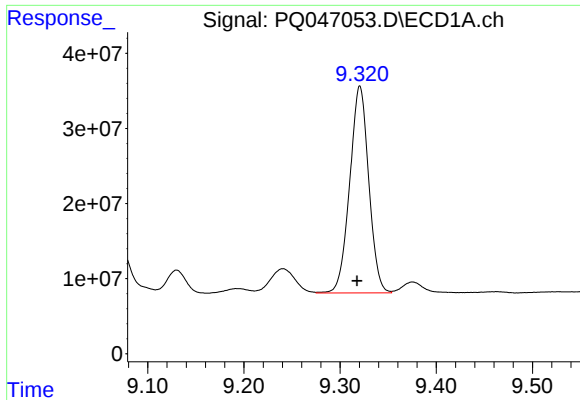
#34 AR-1260-4

R.T.: 8.987 min
Delta R.T.: 0.002 min
Response: 188620930
Conc: 189.08 ng/ml



#34 AR-1260-4

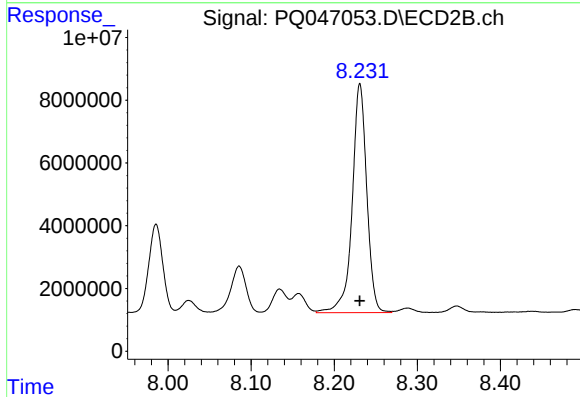
R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 33205564
Conc: 189.40 ng/ml



#35 AR-1260-5

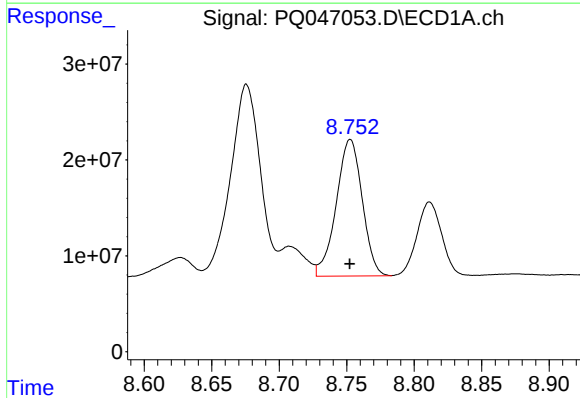
R.T.: 9.321 min
Delta R.T.: 0.003 min
Response: 377491703
Conc: 181.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



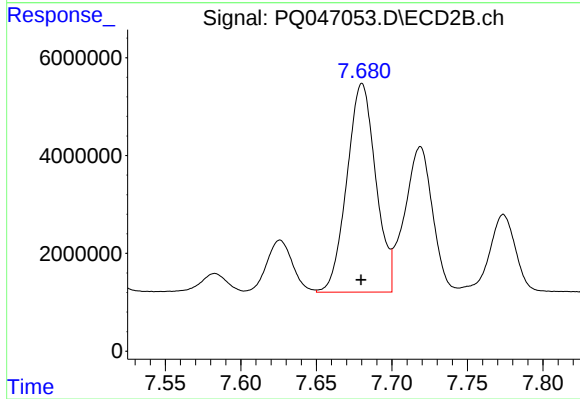
#35 AR-1260-5

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 88948661
Conc: 204.16 ng/ml



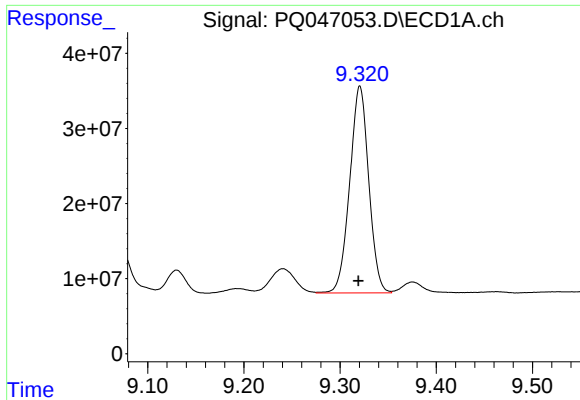
#36 AR-1262-1

R.T.: 8.753 min
Delta R.T.: 0.000 min
Response: 191273874
Conc: 147.09 ng/ml



#36 AR-1262-1

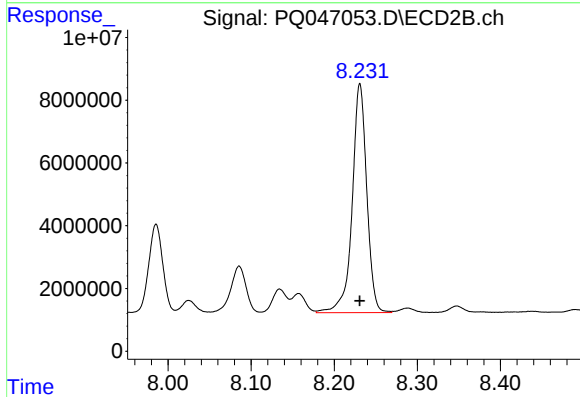
R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 56796368
Conc: 525.61 ng/ml



#37 AR-1262-2

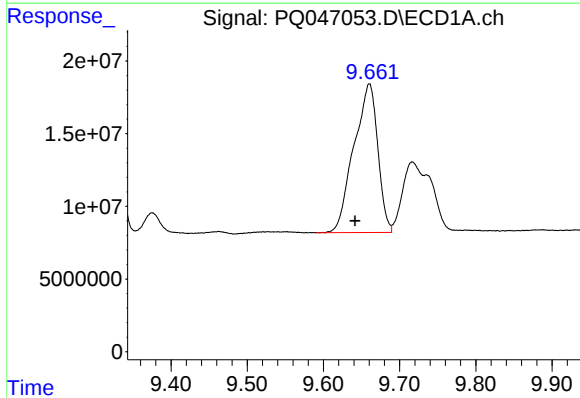
R.T.: 9.321 min
Delta R.T.: 0.002 min
Response: 377491703
Conc: 194.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



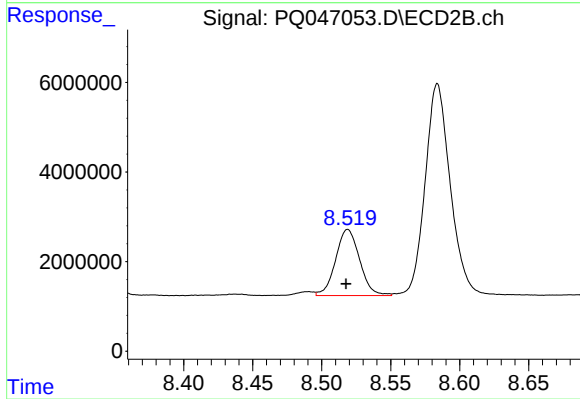
#37 AR-1262-2

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 88948661
Conc: 224.67 ng/ml



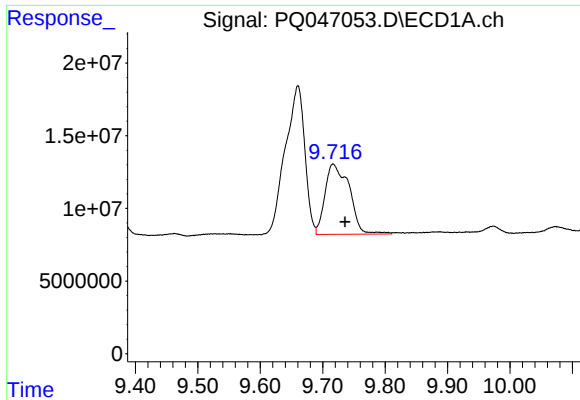
#38 AR-1262-3

R.T.: 9.660 min
Delta R.T.: 0.019 min
Response: 223175054
Conc: 182.60 ng/ml



#38 AR-1262-3

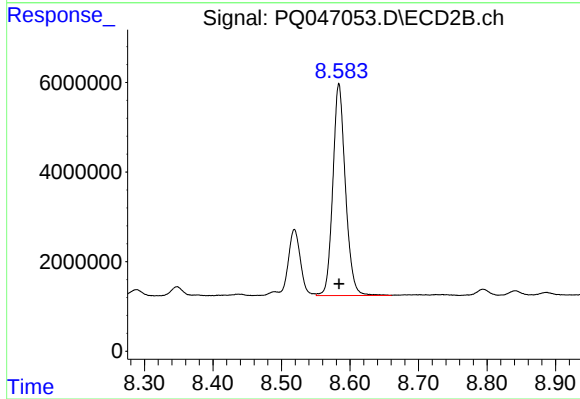
R.T.: 8.519 min
Delta R.T.: 0.001 min
Response: 17902471
Conc: 119.64 ng/ml



#39 AR-1262-4

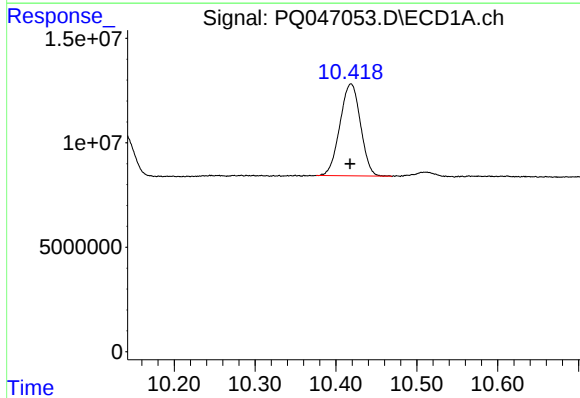
R.T.: 9.717 min
Delta R.T.: -0.020 min
Response: 130680581
Conc: 143.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



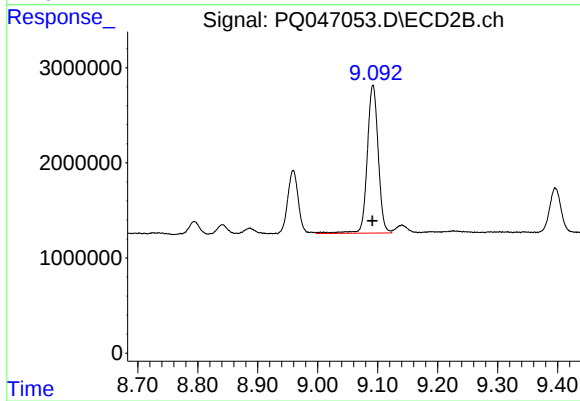
#39 AR-1262-4

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 60412949
Conc: 212.67 ng/ml



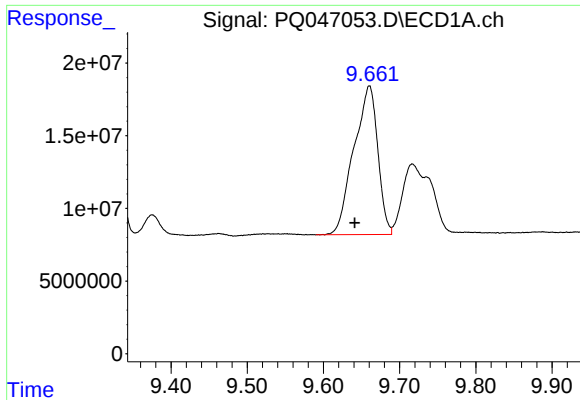
#40 AR-1262-5

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 77891376
Conc: 137.83 ng/ml



#40 AR-1262-5

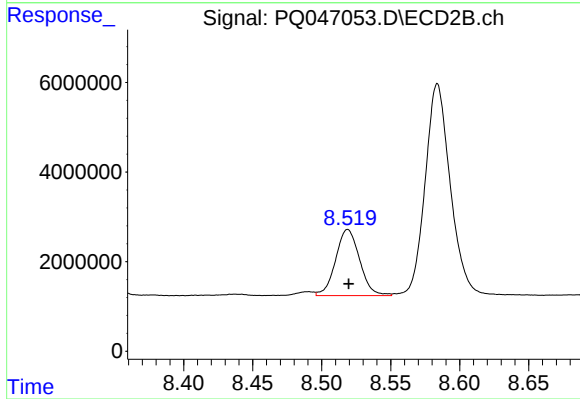
R.T.: 9.092 min
Delta R.T.: 0.001 min
Response: 19801095
Conc: 152.75 ng/ml



#41 AR-1268-1

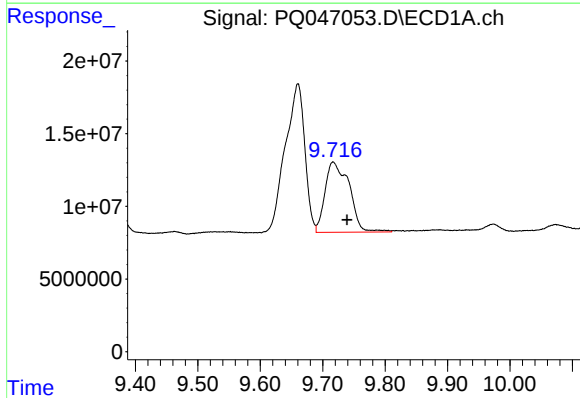
R.T.: 9.660 min
Delta R.T.: 0.019 min
Response: 223175054
Conc: 104.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



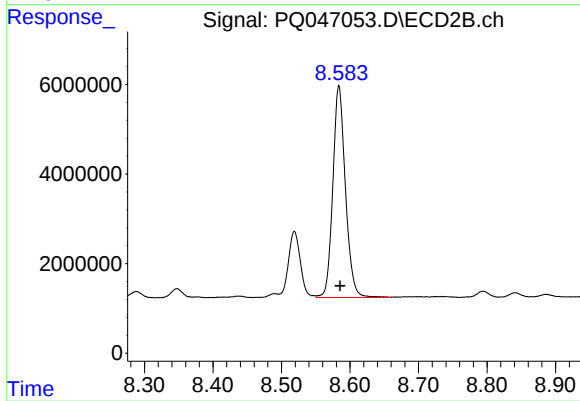
#41 AR-1268-1

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 17902471
Conc: 41.57 ng/ml



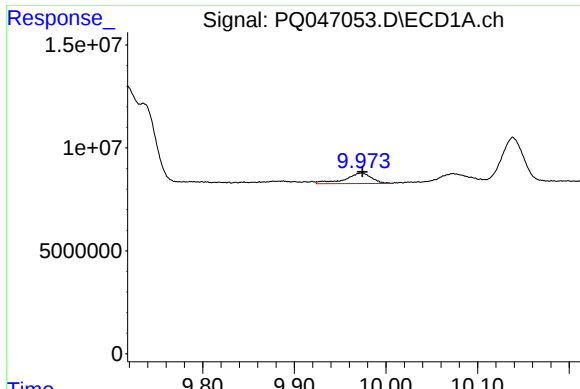
#42 AR-1268-2

R.T.: 9.717 min
Delta R.T.: -0.022 min
Response: 130680581
Conc: 72.26 ng/ml



#42 AR-1268-2

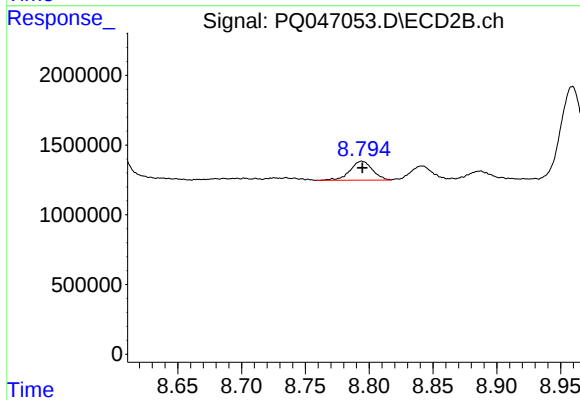
R.T.: 8.584 min
Delta R.T.: -0.002 min
Response: 60412949
Conc: 154.01 ng/ml



#43 AR-1268-3

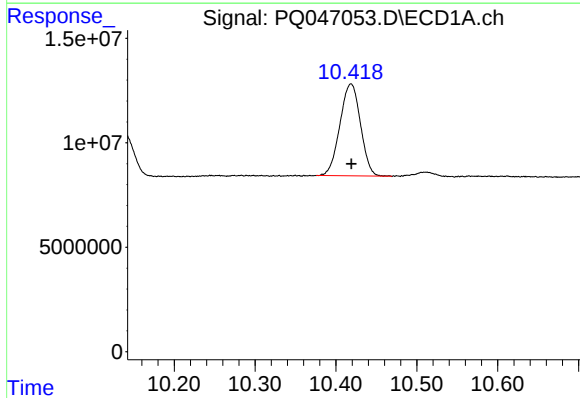
R.T.: 9.974 min
Delta R.T.: 0.000 min
Response: 10190128
Conc: 6.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



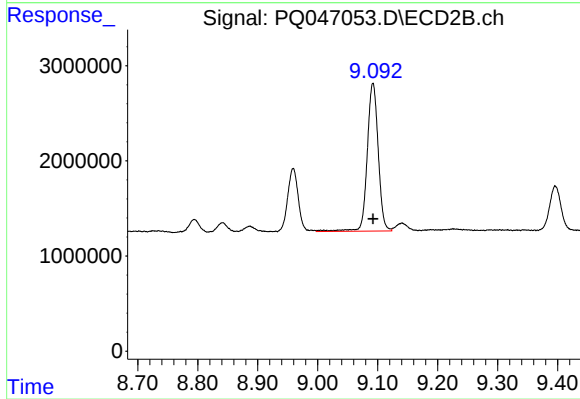
#43 AR-1268-3

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 1672460
Conc: 5.25 ng/ml



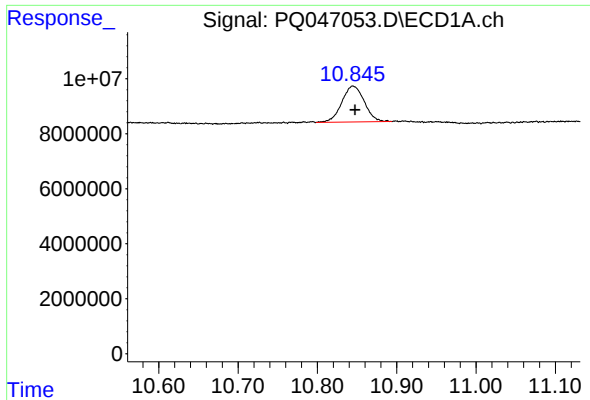
#44 AR-1268-4

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 77891376
Conc: 127.99 ng/ml



#44 AR-1268-4

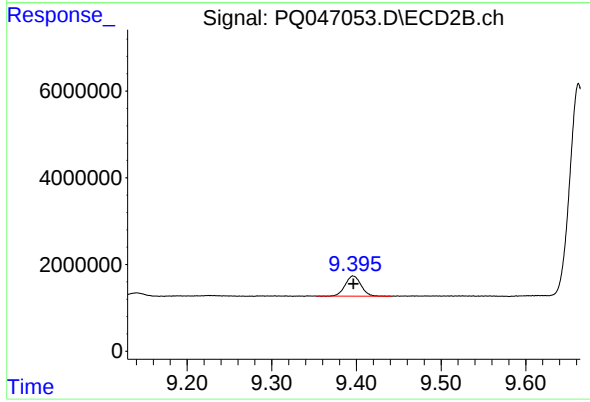
R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 19801095
Conc: 142.46 ng/ml



#45 AR-1268-5

R.T.: 10.845 min
Delta R.T.: -0.003 min
Response: 25681688
Conc: 6.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 6100741
Conc: 6.06 ng/ml