

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092920\
 Data File : PQ050111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2020 00:24
 Operator : DD\AJ
 Sample : AR1660CCC400
 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: Sep 30 03:13:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092420CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 24 08:00:48 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...	5.209	4.268	188.9E6	62555449	19.082	17.746
2)	SA Decachlor...	11.404	9.619	243.8E6	205.7E6	35.913	38.240
Target Compounds							
3)	L1 AR-1016-1	6.541	5.528	136.5E6	58931677	422.314	354.551
4)	L1 AR-1016-2	6.565	5.549	193.2E6	81641520	411.091	365.443
5)	L1 AR-1016-3	6.631	5.742	118.3E6	44169827	389.681	372.796
6)	L1 AR-1016-4	6.741	5.792	98507338	34569691	405.166	366.301
7)	L1 AR-1016-5	7.053	6.023	93277929	42536237	422.513	344.067
8)	L2 AR-1221-1	5.458	4.524	13113030	3901792	109.034	91.780
9)	L2 AR-1221-2	5.564	4.625	17213323	5639459	204.474	185.305
10)	L2 AR-1221-3	5.653	4.714	68729748	24349386	254.013	232.289
11)	L3 AR-1232-1	5.653	4.714	68729748	24349386	328.372	302.459
12)	L3 AR-1232-2	6.245	5.549	93032008	81641520	875.360	860.505
13)	L3 AR-1232-3	6.565	5.742	193.2E6	44169827	893.344	891.806
14)	L3 AR-1232-4	6.741	5.837	98507338	41831139	934.700	938.620
15)	L3 AR-1232-5	6.833	6.023	83160565	42536237	1103.928	837.063
16)	L4 AR-1242-1	6.541	5.528	136.5E6	58931677	505.932	463.685
17)	L4 AR-1242-2	6.565	5.549	193.2E6	81641520	511.772	470.071
18)	L4 AR-1242-3	6.631	5.742	118.3E6	44169827	496.546	478.005
19)	L4 AR-1242-4	6.741	5.837	98507338	41831139	508.361	467.441
20)	L4 AR-1242-5	7.524	6.402	18474868	36253867	95.908	271.959 #
21)	L5 AR-1248-1	6.541	5.528	136.5E6	58931677	627.590	575.550
22)	L5 AR-1248-2	6.833	5.792	83160565	34569691	300.269	265.186
23)	L5 AR-1248-3	7.053	5.837	93277929	41831139	310.377	315.340
24)	L5 AR-1248-4	7.484	6.023	20470533	42536237	61.199	257.618 #
25)	L5 AR-1248-5	7.524	6.445	18474868	6748793	58.688	37.235 #
26)	L6 AR-1254-1	7.452	6.402	65913134	36253867	199.823	130.831 #
27)	L6 AR-1254-2	7.679	6.560	68707013	33598360	141.184	135.848
28)	L6 AR-1254-3	8.067	6.999	37232284	73341397	76.590	178.812 #
29)	L6 AR-1254-4	8.363	7.220	27451910	13524180	72.368	44.713 #
30)	L6 AR-1254-5	8.792	7.648	182.3E6	141.4E6	487.918	352.545 #
31)	L7 AR-1260-1	8.231	7.118	135.8E6	98278862	416.896	401.050
32)	L7 AR-1260-2	8.496	7.313	162.2E6	136.6E6	419.055	387.437
33)	L7 AR-1260-3	8.862	7.471	123.1E6	117.1E6	410.028	388.447
34)	L7 AR-1260-4	9.107	7.954	132.9E6	103.6E6	412.305	379.814
35)	L7 AR-1260-5	9.454	8.200	261.1E6	293.7E6	389.133	381.035
36)	L8 AR-1262-1	8.862	7.648	123.1E6	141.4E6	282.268	680.853 #
37)	L8 AR-1262-2	9.454	8.200	261.1E6	293.7E6	338.790	331.054
38)	L8 AR-1262-3	9.782	8.487	73588639	72665116	201.085	197.020
39)	L8 AR-1262-4	9.868	8.551	122.5E6	208.0E6	276.847	325.719
40)	L8 AR-1262-5	10.603	9.056	95251500	83640996	277.042	250.688
41)	L9 AR-1268-1	9.782	8.487	73588639	72665116	76.564	64.797

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2020 00:24
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

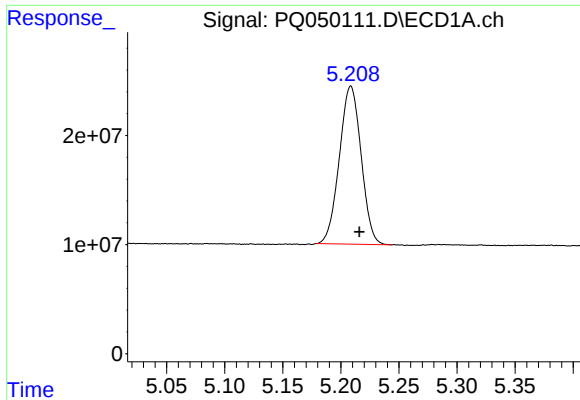
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 03:13:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092420CLP.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	9.868	8.551	122.5E6	208.0E6	133.121	214.281 #
43) L9	AR-1268-3	10.126	8.761	5321211	3813890	6.887	4.595 #
44) L9	AR-1268-4	10.603	9.056	95251500	83640996	246.326	219.660
45) L9	AR-1268-5	11.045	9.356	29313989	21131151	11.410	8.230 #

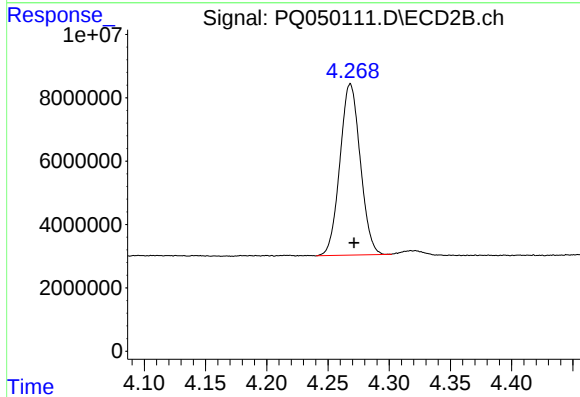
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

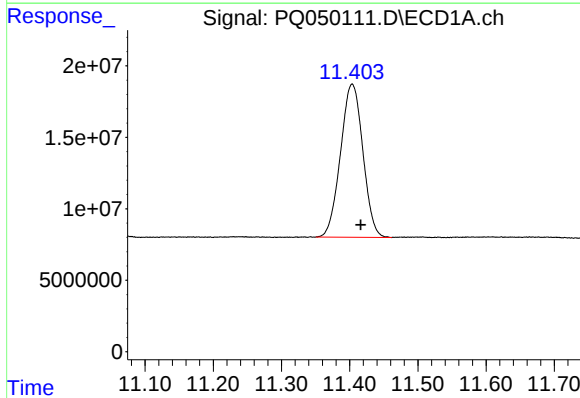
R.T.: 5.209 min
Delta R.T.: -0.007 min
Response: 188904170
Conc: 19.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



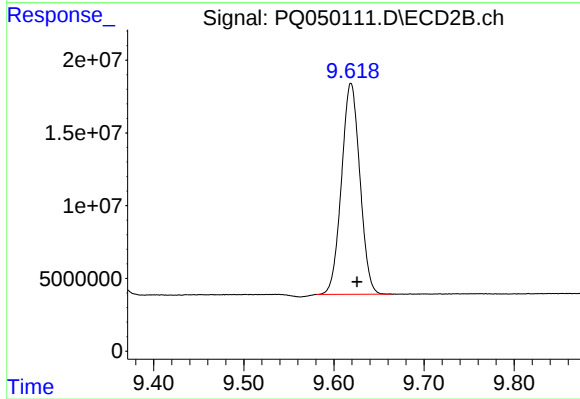
#1 Tetrachloro-m-xylene

R.T.: 4.268 min
Delta R.T.: -0.003 min
Response: 62555449
Conc: 17.75 ng/ml



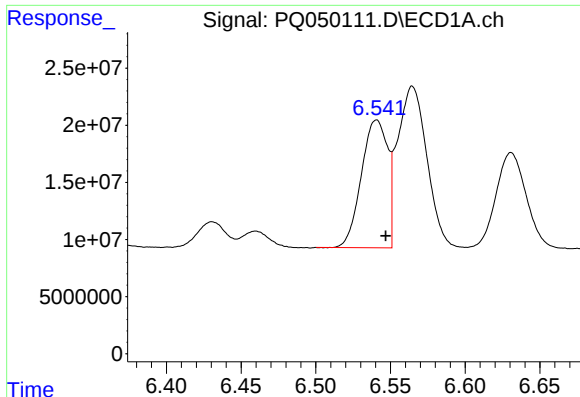
#2 Decachlorobiphenyl

R.T.: 11.404 min
Delta R.T.: -0.012 min
Response: 243810946
Conc: 35.91 ng/ml



#2 Decachlorobiphenyl

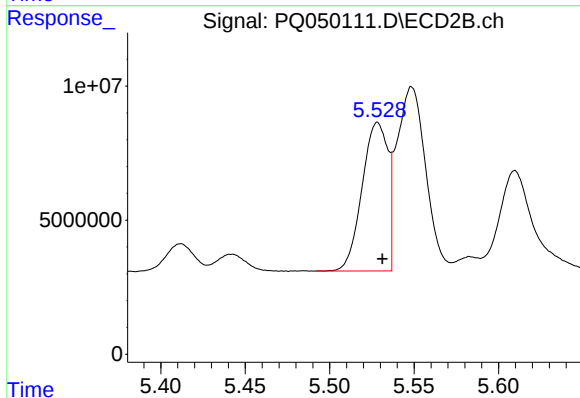
R.T.: 9.619 min
Delta R.T.: -0.007 min
Response: 205691784
Conc: 38.24 ng/ml



#3 AR-1016-1

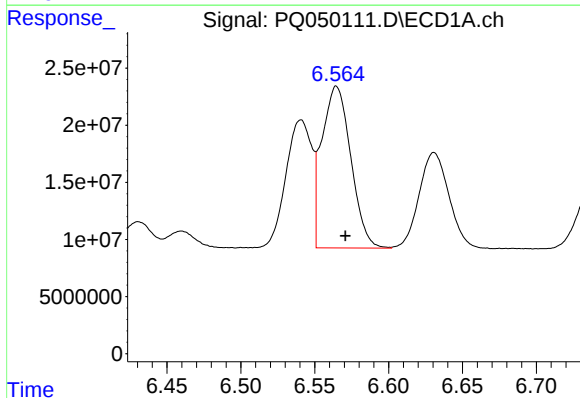
R.T.: 6.541 min
Delta R.T.: -0.006 min
Response: 136455955
Conc: 422.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



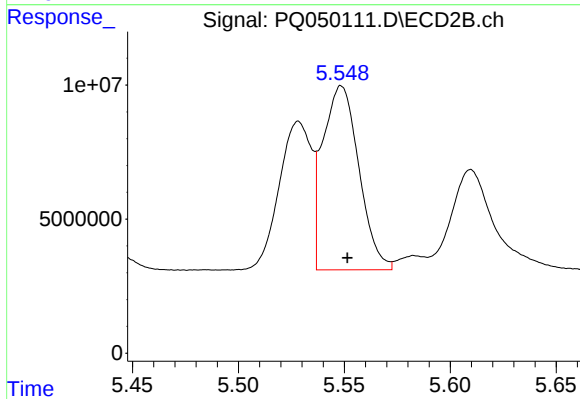
#3 AR-1016-1

R.T.: 5.528 min
Delta R.T.: -0.003 min
Response: 58931677
Conc: 354.55 ng/ml



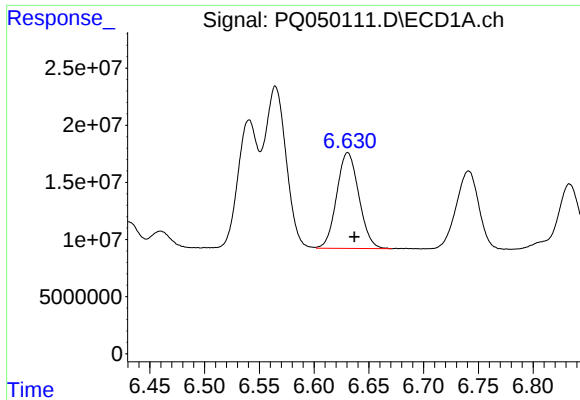
#4 AR-1016-2

R.T.: 6.565 min
Delta R.T.: -0.006 min
Response: 193248955
Conc: 411.09 ng/ml



#4 AR-1016-2

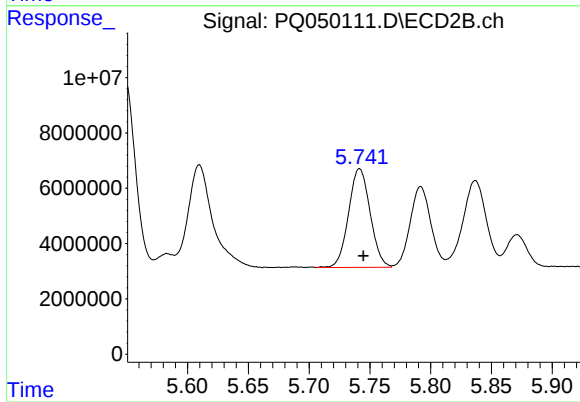
R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 81641520
Conc: 365.44 ng/ml



#5 AR-1016-3

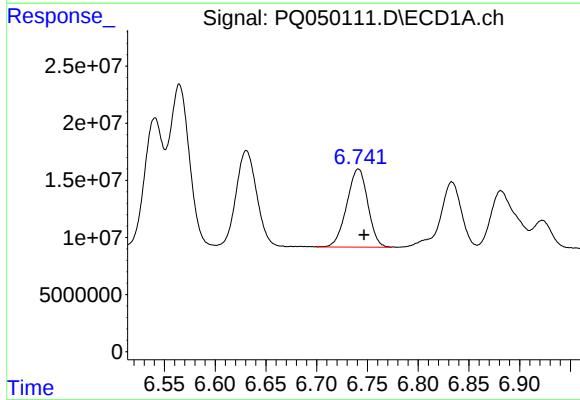
R.T.: 6.631 min
Delta R.T.: -0.006 min
Response: 118296121
Conc: 389.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



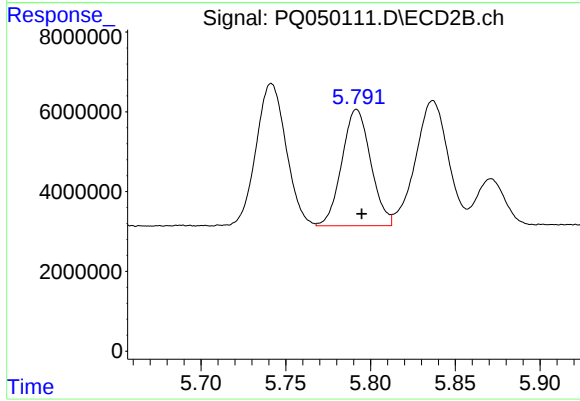
#5 AR-1016-3

R.T.: 5.742 min
Delta R.T.: -0.003 min
Response: 44169827
Conc: 372.80 ng/ml



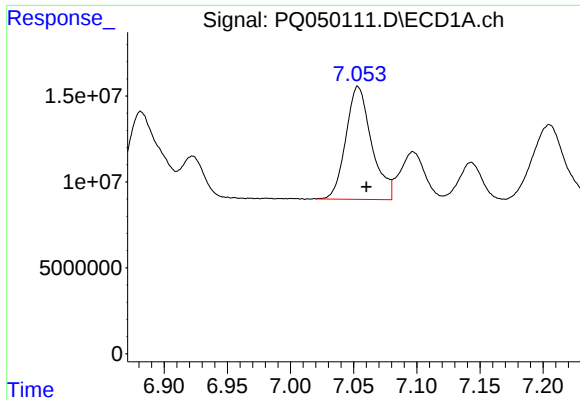
#6 AR-1016-4

R.T.: 6.741 min
Delta R.T.: -0.005 min
Response: 98507338
Conc: 405.17 ng/ml



#6 AR-1016-4

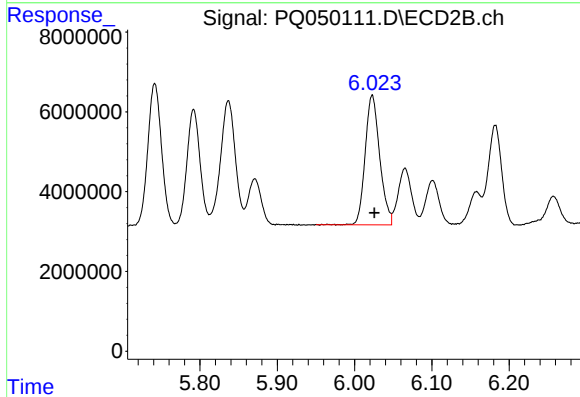
R.T.: 5.792 min
Delta R.T.: -0.003 min
Response: 34569691
Conc: 366.30 ng/ml



#7 AR-1016-5

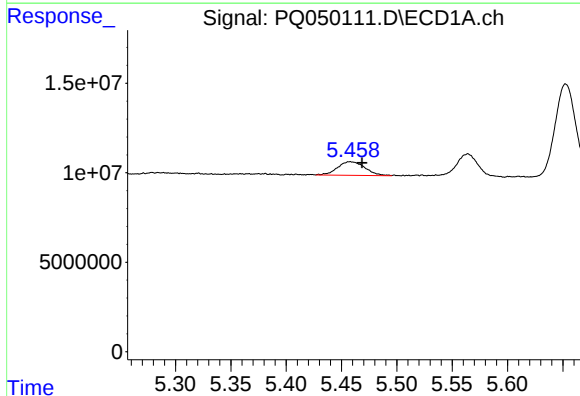
R.T.: 7.053 min
Delta R.T.: -0.007 min
Response: 93277929
Conc: 422.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



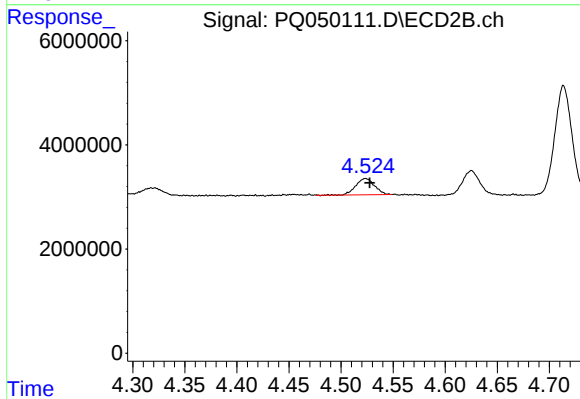
#7 AR-1016-5

R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 42536237
Conc: 344.07 ng/ml



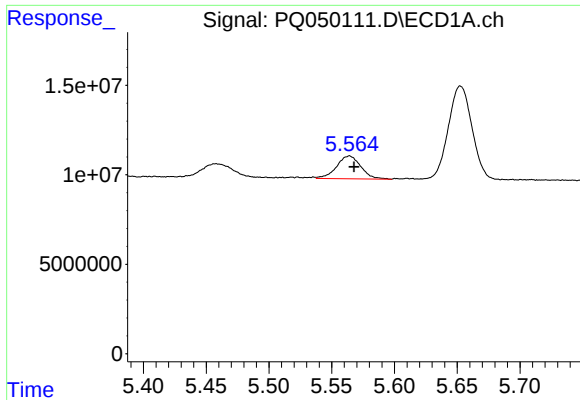
#8 AR-1221-1

R.T.: 5.458 min
Delta R.T.: -0.011 min
Response: 13113030
Conc: 109.03 ng/ml



#8 AR-1221-1

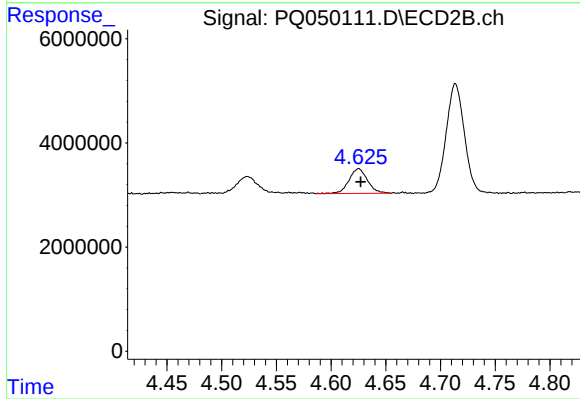
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 3901792
Conc: 91.78 ng/ml



#9 AR-1221-2

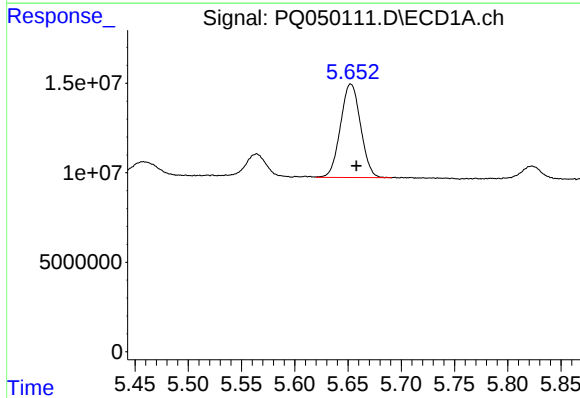
R.T.: 5.564 min
Delta R.T.: -0.004 min
Response: 17213323
Conc: 204.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



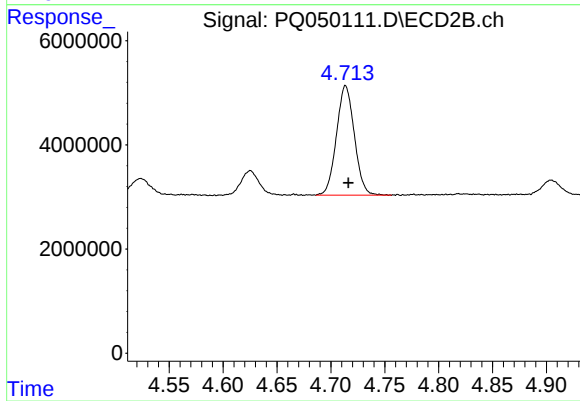
#9 AR-1221-2

R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 5639459
Conc: 185.31 ng/ml



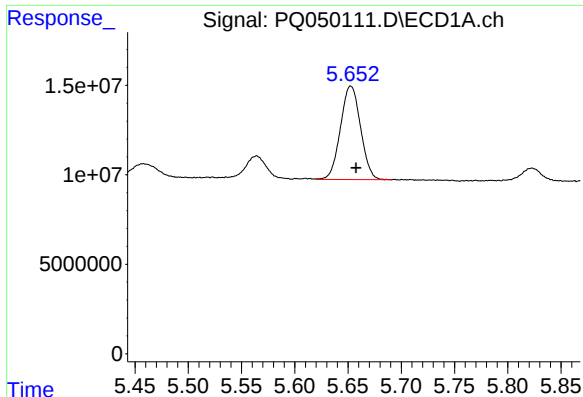
#10 AR-1221-3

R.T.: 5.653 min
Delta R.T.: -0.005 min
Response: 68729748
Conc: 254.01 ng/ml



#10 AR-1221-3

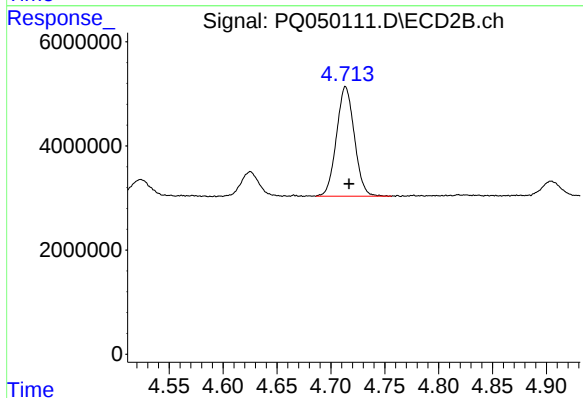
R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 24349386
Conc: 232.29 ng/ml



#11 AR-1232-1

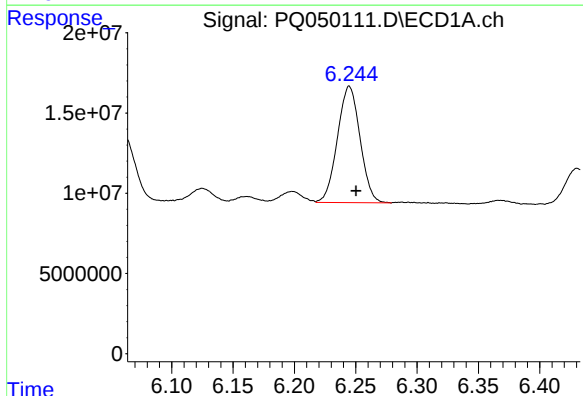
R.T.: 5.653 min
Delta R.T.: -0.005 min
Response: 68729748
Conc: 328.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



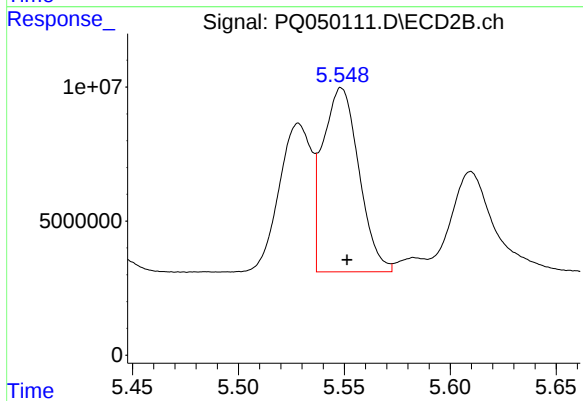
#11 AR-1232-1

R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 24349386
Conc: 302.46 ng/ml



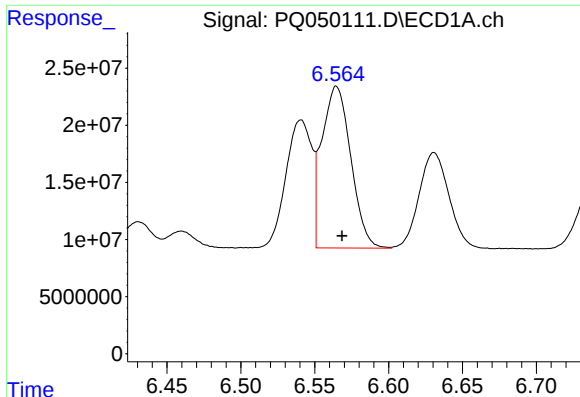
#12 AR-1232-2

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 93032008
Conc: 875.36 ng/ml



#12 AR-1232-2

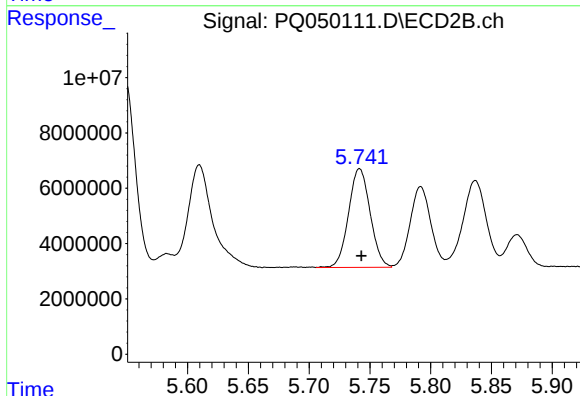
R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 81641520
Conc: 860.51 ng/ml



#13 AR-1232-3

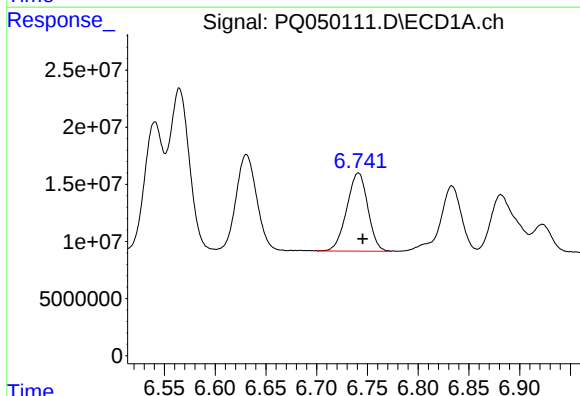
R.T.: 6.565 min
Delta R.T.: -0.004 min
Response: 193248955
Conc: 893.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



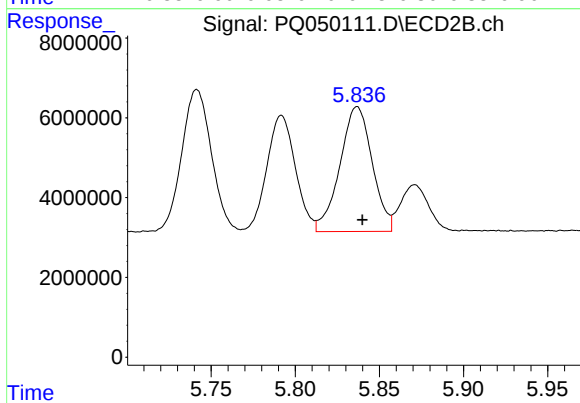
#13 AR-1232-3

R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 44169827
Conc: 891.81 ng/ml



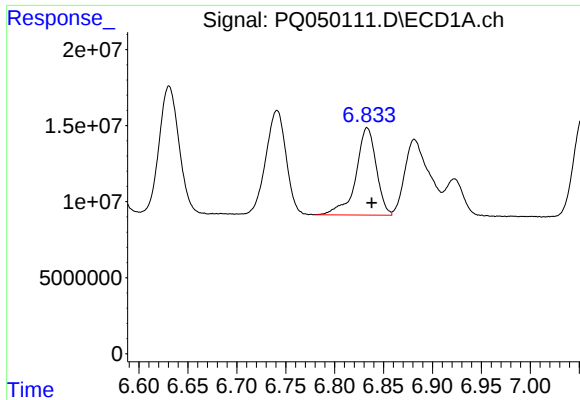
#14 AR-1232-4

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 98507338
Conc: 934.70 ng/ml



#14 AR-1232-4

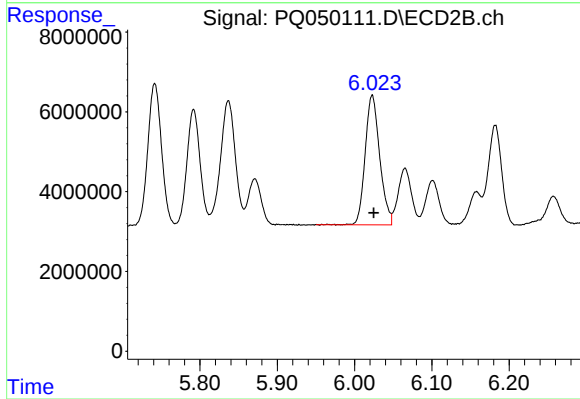
R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 41831139
Conc: 938.62 ng/ml



#15 AR-1232-5

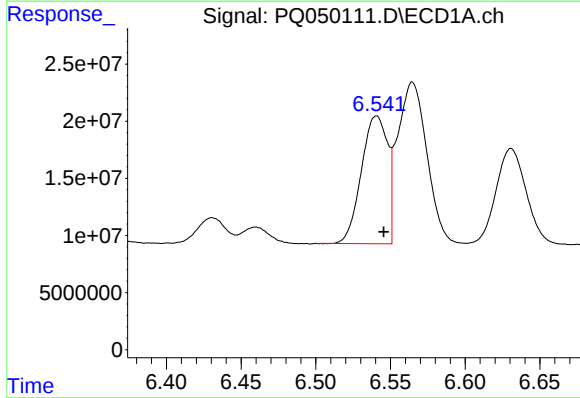
R.T.: 6.833 min
Delta R.T.: -0.005 min
Response: 83160565
Conc: 1103.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



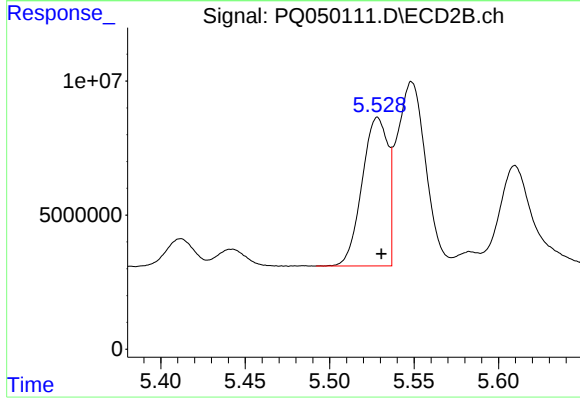
#15 AR-1232-5

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 42536237
Conc: 837.06 ng/ml



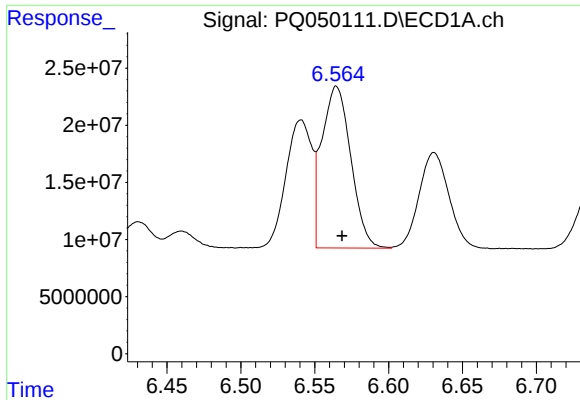
#16 AR-1242-1

R.T.: 6.541 min
Delta R.T.: -0.005 min
Response: 136455955
Conc: 505.93 ng/ml



#16 AR-1242-1

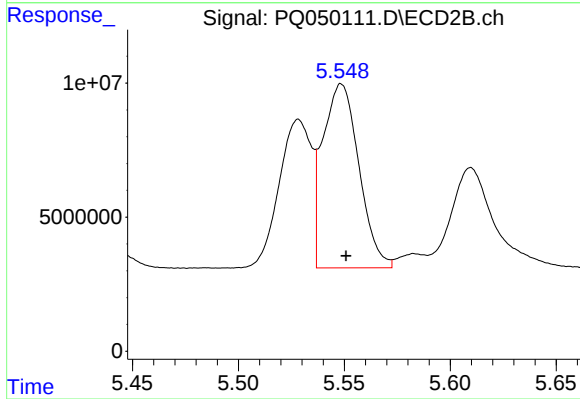
R.T.: 5.528 min
Delta R.T.: -0.002 min
Response: 58931677
Conc: 463.68 ng/ml



#17 AR-1242-2

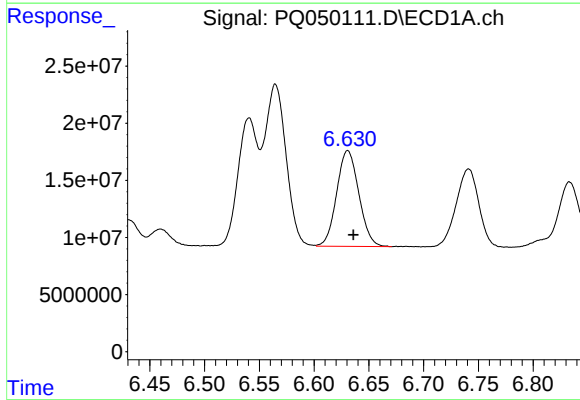
R.T.: 6.565 min
Delta R.T.: -0.004 min
Response: 193248955
Conc: 511.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



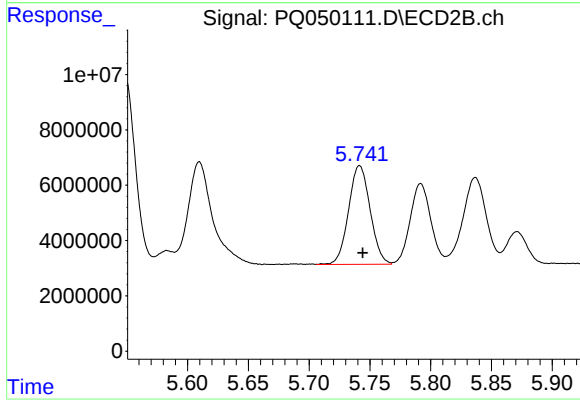
#17 AR-1242-2

R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 81641520
Conc: 470.07 ng/ml



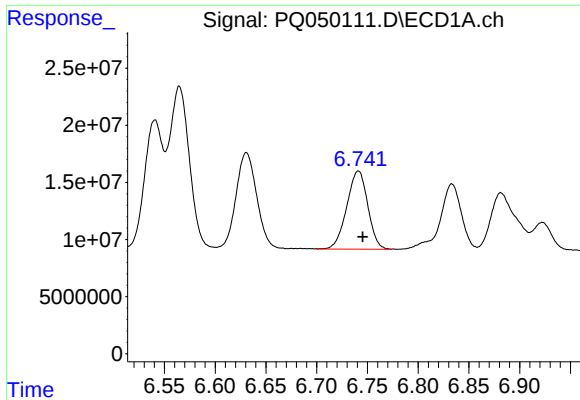
#18 AR-1242-3

R.T.: 6.631 min
Delta R.T.: -0.005 min
Response: 118296121
Conc: 496.55 ng/ml



#18 AR-1242-3

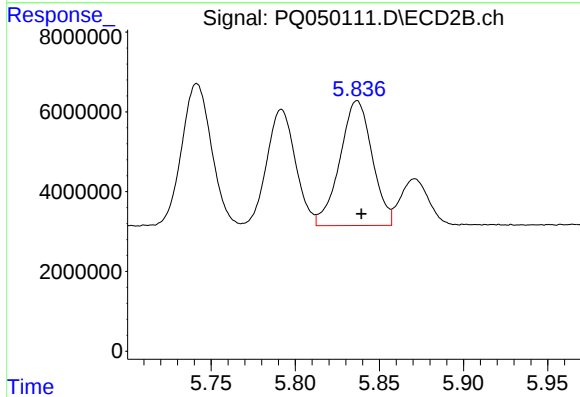
R.T.: 5.742 min
Delta R.T.: -0.003 min
Response: 44169827
Conc: 478.01 ng/ml



#19 AR-1242-4

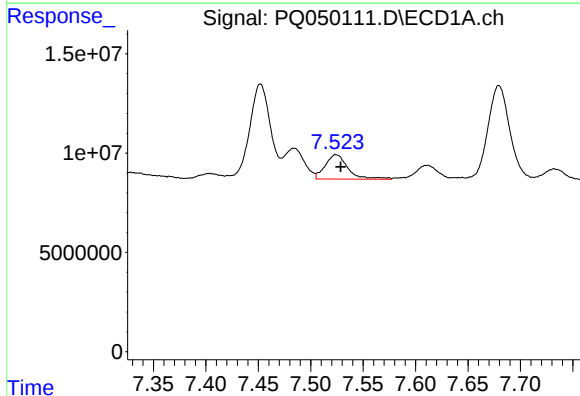
R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 98507338
Conc: 508.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



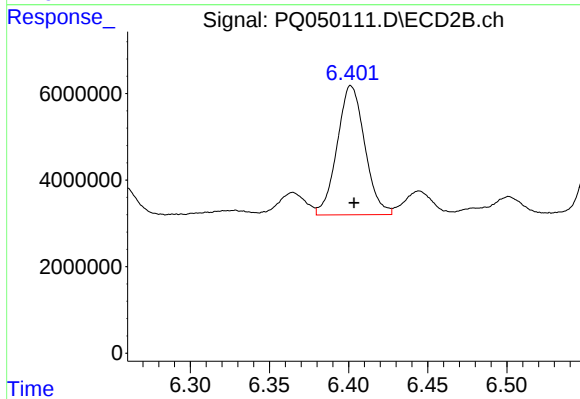
#19 AR-1242-4

R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 41831139
Conc: 467.44 ng/ml



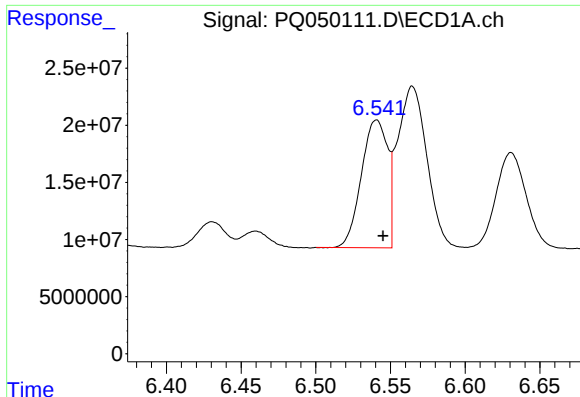
#20 AR-1242-5

R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 18474868
Conc: 95.91 ng/ml



#20 AR-1242-5

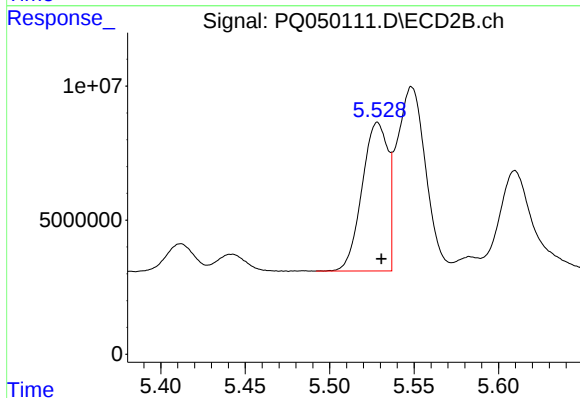
R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 36253867
Conc: 271.96 ng/ml



#21 AR-1248-1

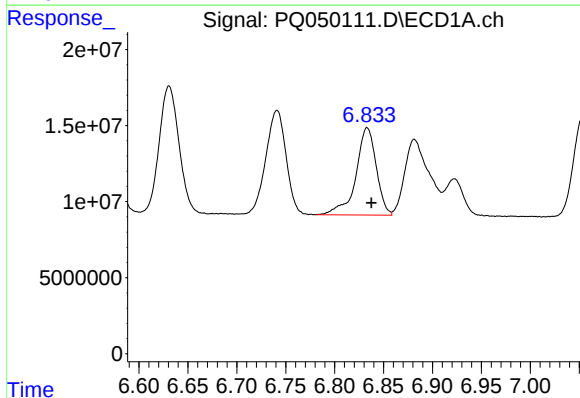
R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 136455955
Conc: 627.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



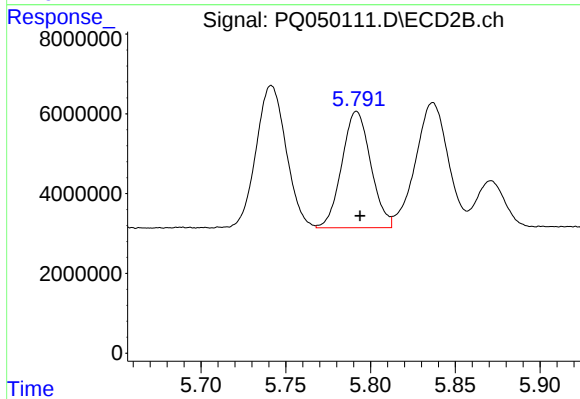
#21 AR-1248-1

R.T.: 5.528 min
Delta R.T.: -0.002 min
Response: 58931677
Conc: 575.55 ng/ml



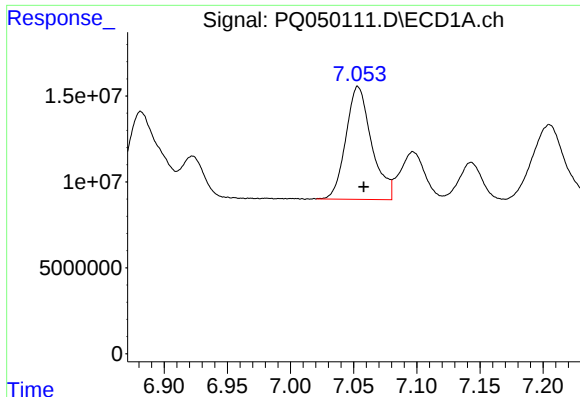
#22 AR-1248-2

R.T.: 6.833 min
Delta R.T.: -0.005 min
Response: 83160565
Conc: 300.27 ng/ml



#22 AR-1248-2

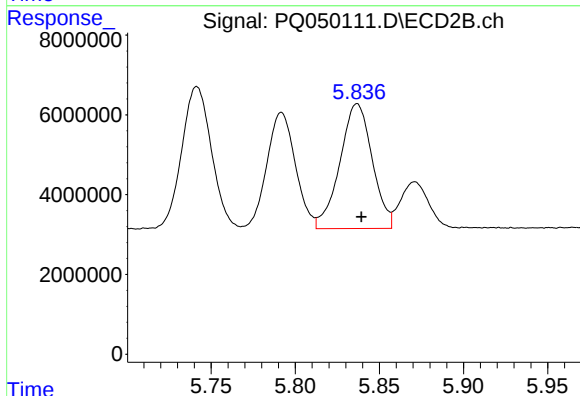
R.T.: 5.792 min
Delta R.T.: -0.002 min
Response: 34569691
Conc: 265.19 ng/ml



#23 AR-1248-3

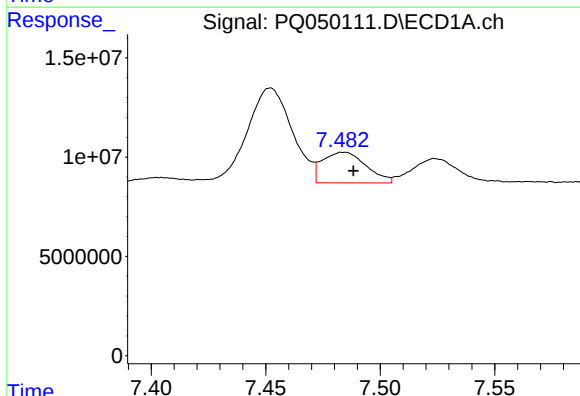
R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 93277929
Conc: 310.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



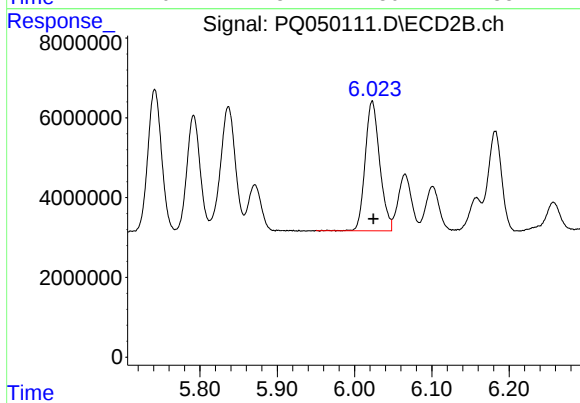
#23 AR-1248-3

R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 41831139
Conc: 315.34 ng/ml



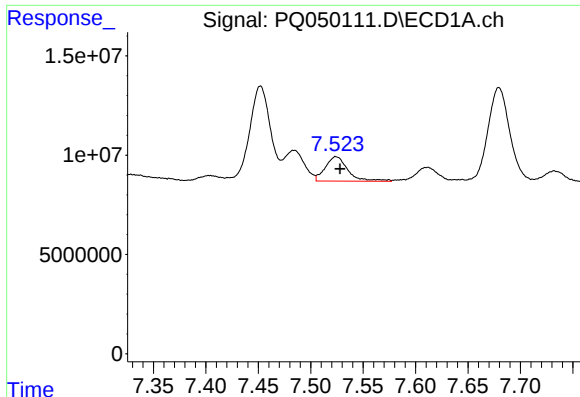
#24 AR-1248-4

R.T.: 7.484 min
Delta R.T.: -0.004 min
Response: 20470533
Conc: 61.20 ng/ml



#24 AR-1248-4

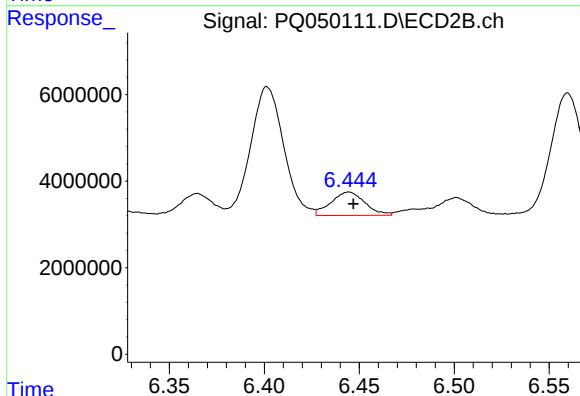
R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 42536237
Conc: 257.62 ng/ml



#25 AR-1248-5

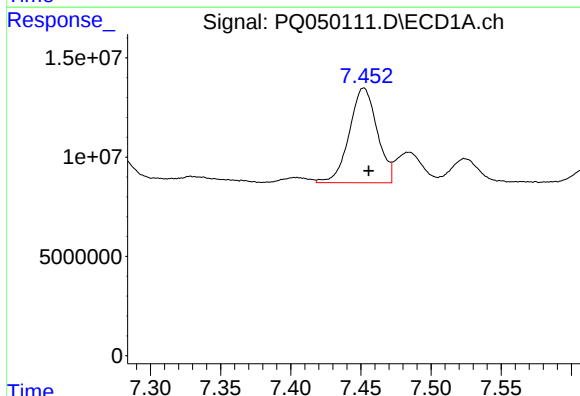
R.T.: 7.524 min
Delta R.T.: -0.004 min
Response: 18474868
Conc: 58.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



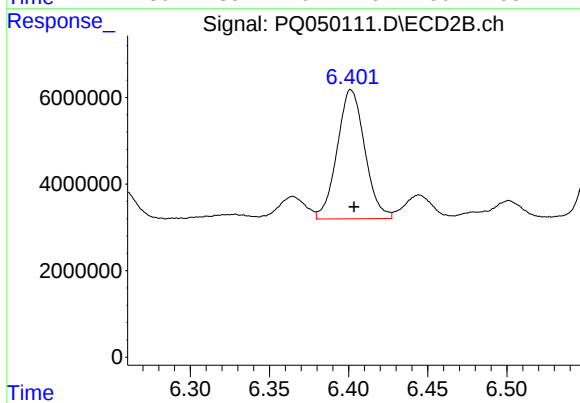
#25 AR-1248-5

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 6748793
Conc: 37.23 ng/ml



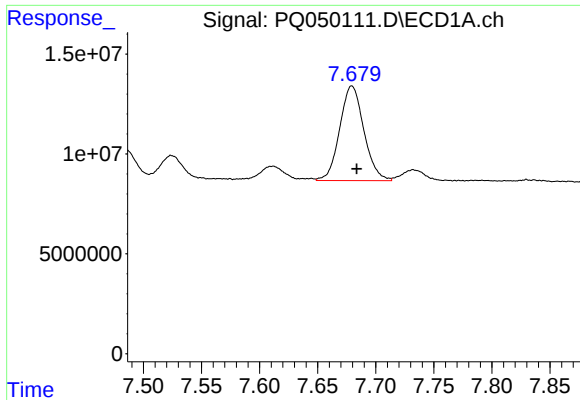
#26 AR-1254-1

R.T.: 7.452 min
Delta R.T.: -0.004 min
Response: 65913134
Conc: 199.82 ng/ml



#26 AR-1254-1

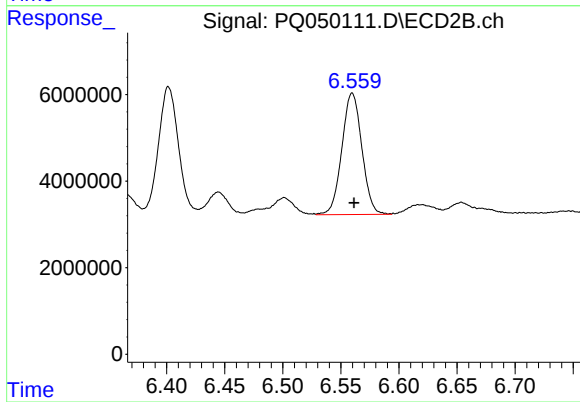
R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 36253867
Conc: 130.83 ng/ml



#27 AR-1254-2

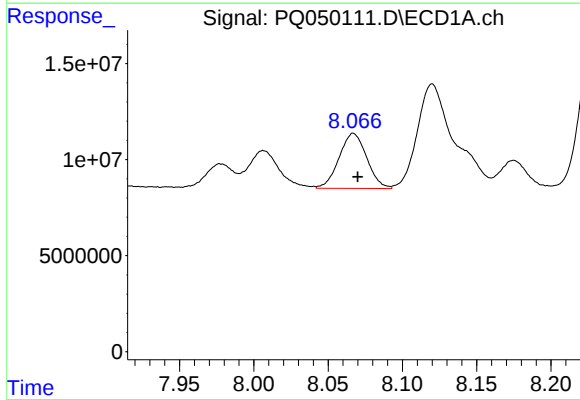
R.T.: 7.679 min
Delta R.T.: -0.004 min
Response: 68707013
Conc: 141.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



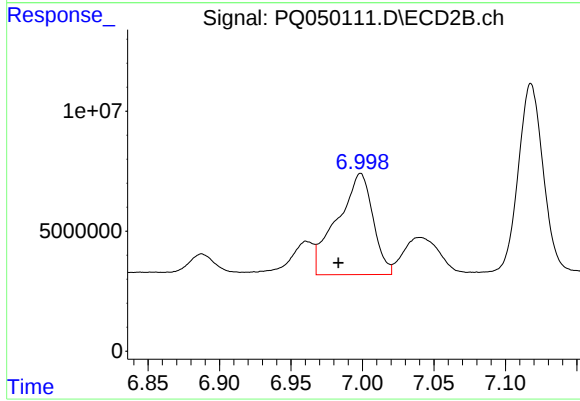
#27 AR-1254-2

R.T.: 6.560 min
Delta R.T.: -0.002 min
Response: 33598360
Conc: 135.85 ng/ml



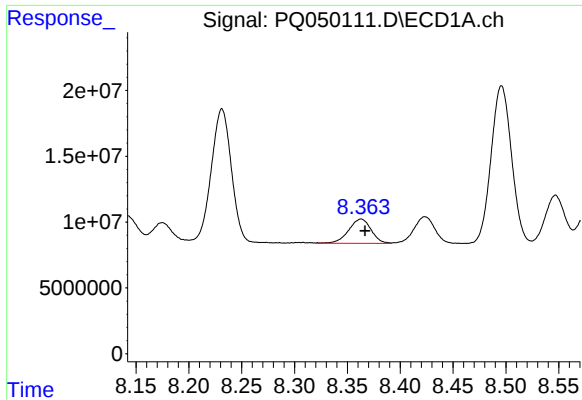
#28 AR-1254-3

R.T.: 8.067 min
Delta R.T.: -0.003 min
Response: 37232284
Conc: 76.59 ng/ml



#28 AR-1254-3

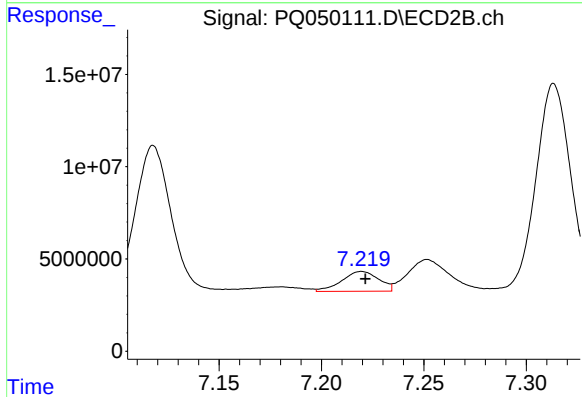
R.T.: 6.999 min
Delta R.T.: 0.016 min
Response: 73341397
Conc: 178.81 ng/ml



#29 AR-1254-4

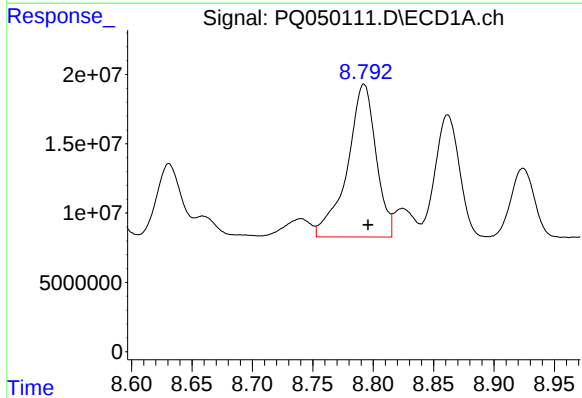
R.T.: 8.363 min
Delta R.T.: -0.004 min
Response: 27451910
Conc: 72.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



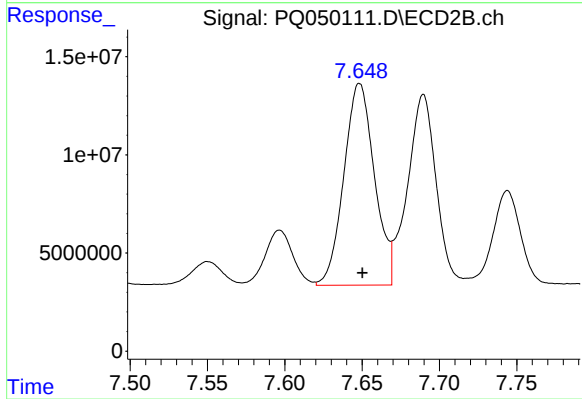
#29 AR-1254-4

R.T.: 7.220 min
Delta R.T.: -0.002 min
Response: 13524180
Conc: 44.71 ng/ml



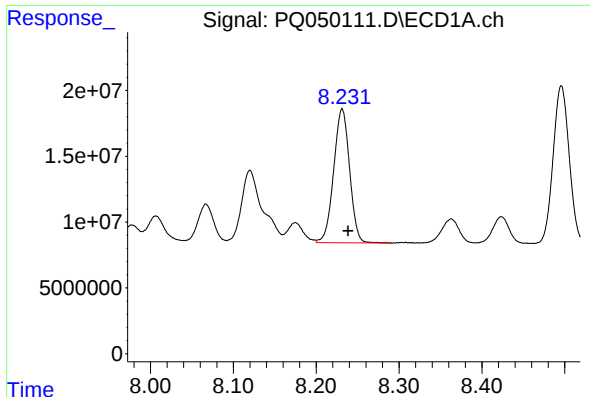
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 182338371
Conc: 487.92 ng/ml



#30 AR-1254-5

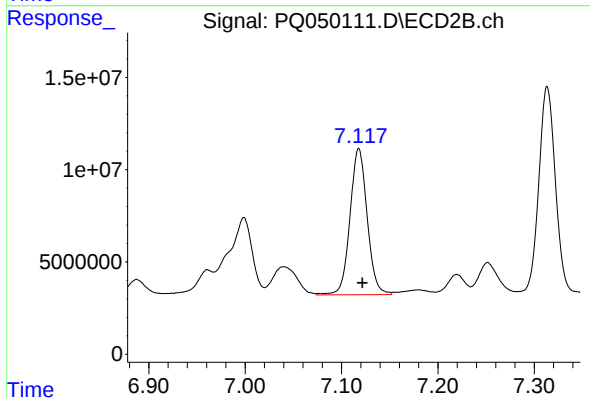
R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 141383870
Conc: 352.55 ng/ml



#31 AR-1260-1

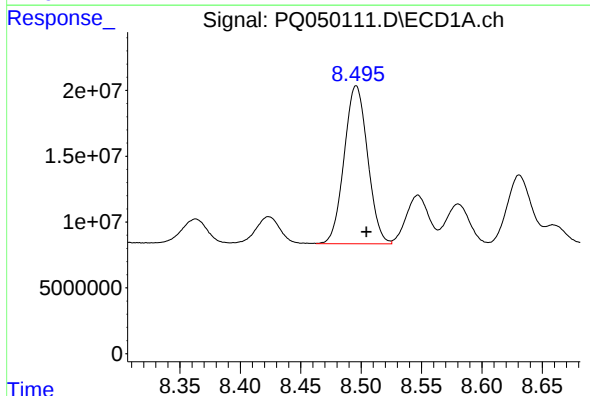
R.T.: 8.231 min
Delta R.T.: -0.007 min
Response: 135771032
Conc: 416.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



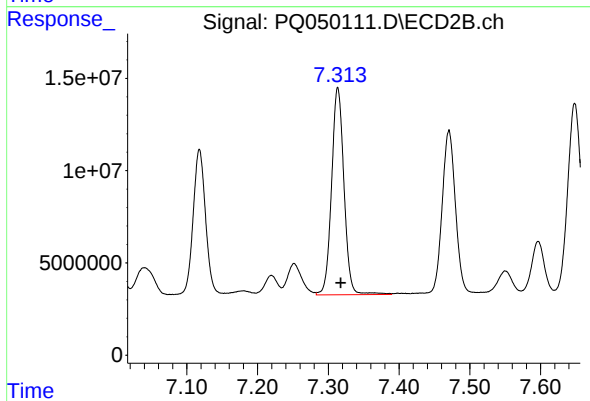
#31 AR-1260-1

R.T.: 7.118 min
Delta R.T.: -0.004 min
Response: 98278862
Conc: 401.05 ng/ml



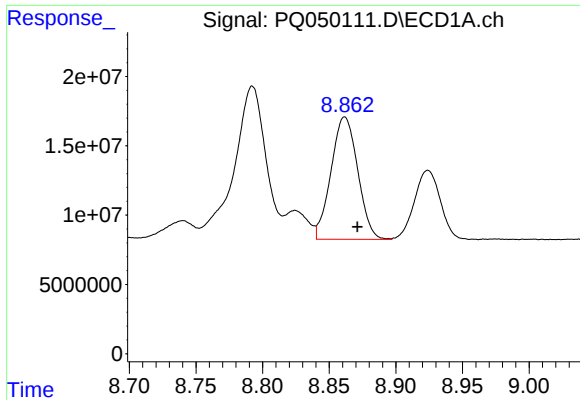
#32 AR-1260-2

R.T.: 8.496 min
Delta R.T.: -0.008 min
Response: 162188930
Conc: 419.05 ng/ml



#32 AR-1260-2

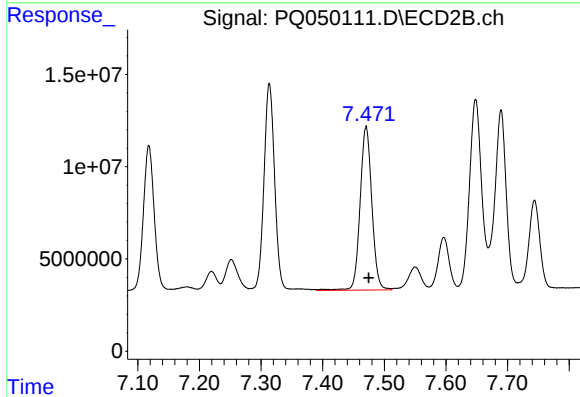
R.T.: 7.313 min
Delta R.T.: -0.004 min
Response: 136637599
Conc: 387.44 ng/ml



#33 AR-1260-3

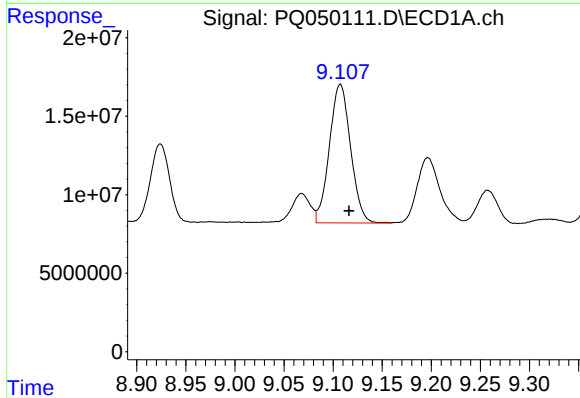
R.T.: 8.862 min
Delta R.T.: -0.010 min
Response: 123117022
Conc: 410.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



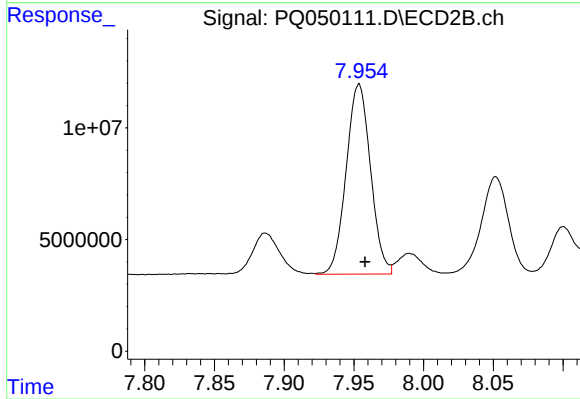
#33 AR-1260-3

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 117050737
Conc: 388.45 ng/ml



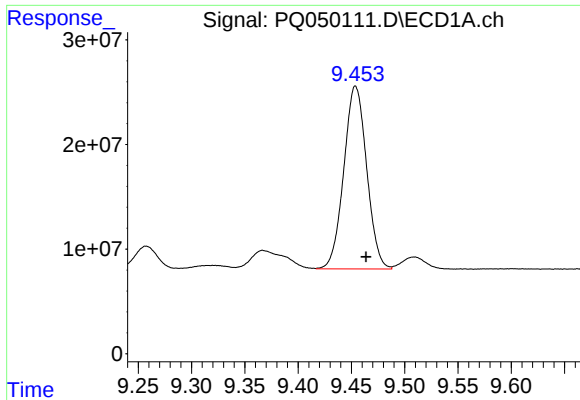
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.009 min
Response: 132919592
Conc: 412.30 ng/ml



#34 AR-1260-4

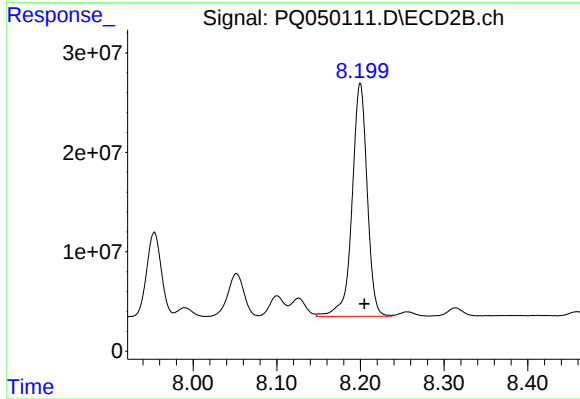
R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 103558590
Conc: 379.81 ng/ml



#35 AR-1260-5

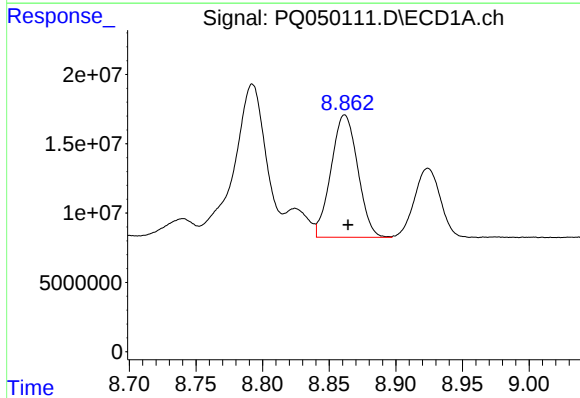
R.T.: 9.454 min
Delta R.T.: -0.010 min
Response: 261130600
Conc: 389.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



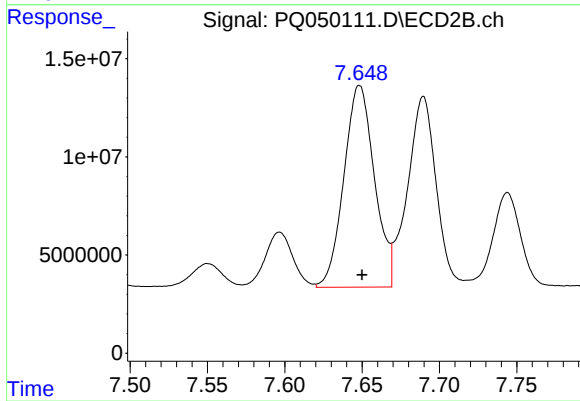
#35 AR-1260-5

R.T.: 8.200 min
Delta R.T.: -0.005 min
Response: 293722276
Conc: 381.04 ng/ml



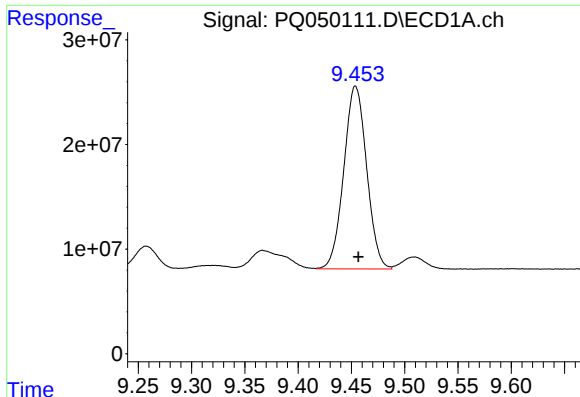
#36 AR-1262-1

R.T.: 8.862 min
Delta R.T.: -0.003 min
Response: 123117022
Conc: 282.27 ng/ml



#36 AR-1262-1

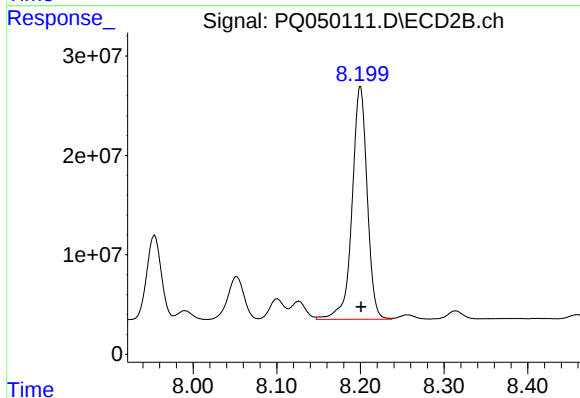
R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 141383870
Conc: 680.85 ng/ml



#37 AR-1262-2

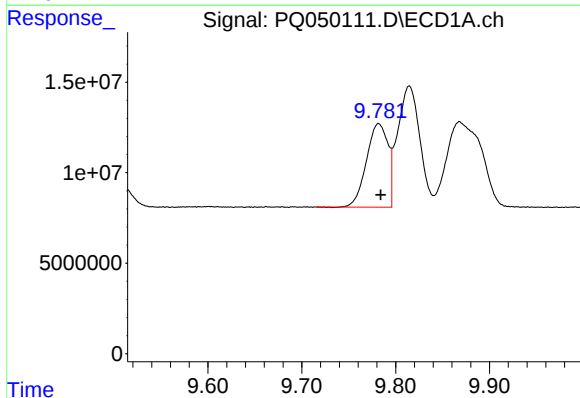
R.T.: 9.454 min
Delta R.T.: -0.003 min
Response: 261130600
Conc: 338.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



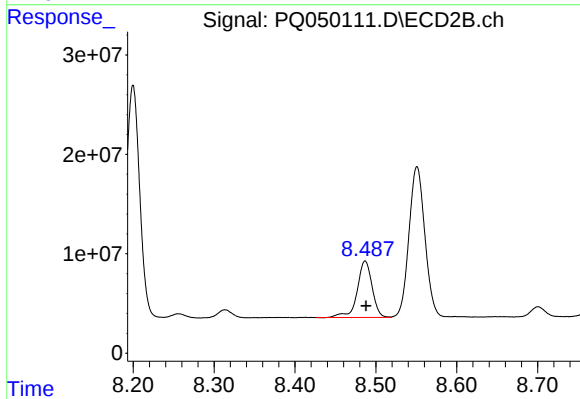
#37 AR-1262-2

R.T.: 8.200 min
Delta R.T.: -0.001 min
Response: 293722276
Conc: 331.05 ng/ml



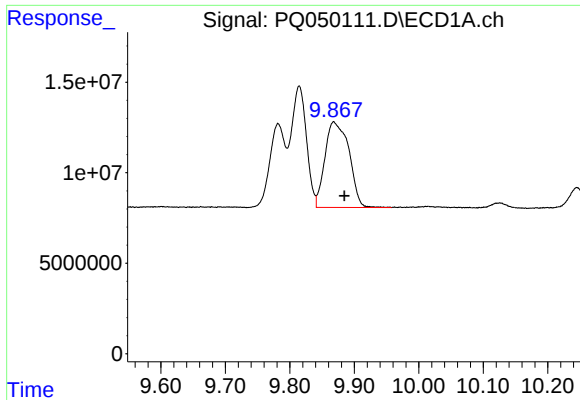
#38 AR-1262-3

R.T.: 9.782 min
Delta R.T.: -0.002 min
Response: 73588639
Conc: 201.09 ng/ml



#38 AR-1262-3

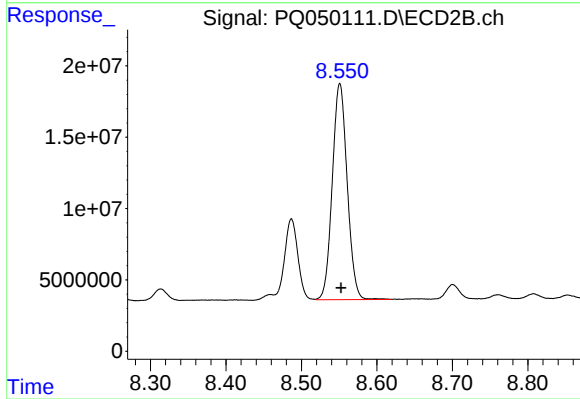
R.T.: 8.487 min
Delta R.T.: -0.001 min
Response: 72665116
Conc: 197.02 ng/ml



#39 AR-1262-4

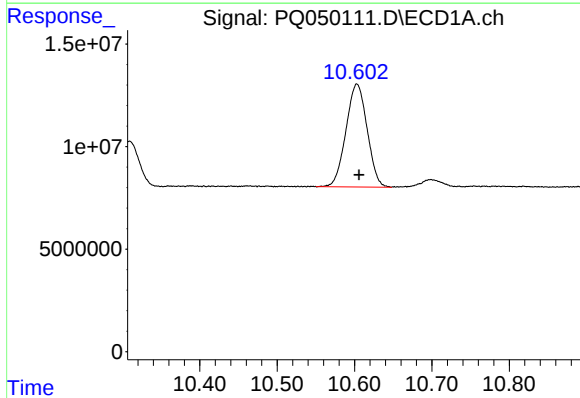
R.T.: 9.868 min
Delta R.T.: -0.017 min
Response: 122470676
Conc: 276.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



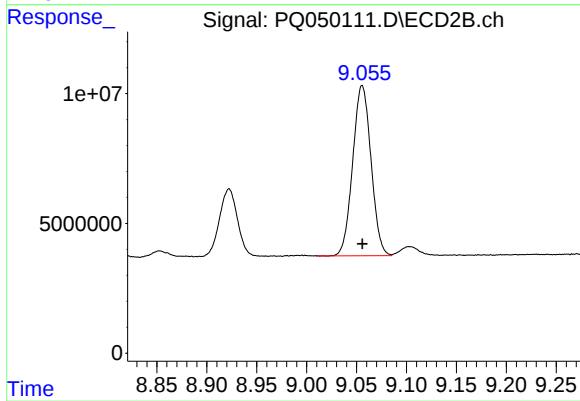
#39 AR-1262-4

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 208005522
Conc: 325.72 ng/ml



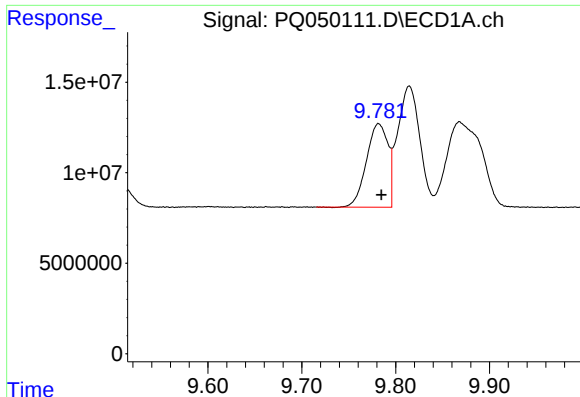
#40 AR-1262-5

R.T.: 10.603 min
Delta R.T.: -0.003 min
Response: 95251500
Conc: 277.04 ng/ml



#40 AR-1262-5

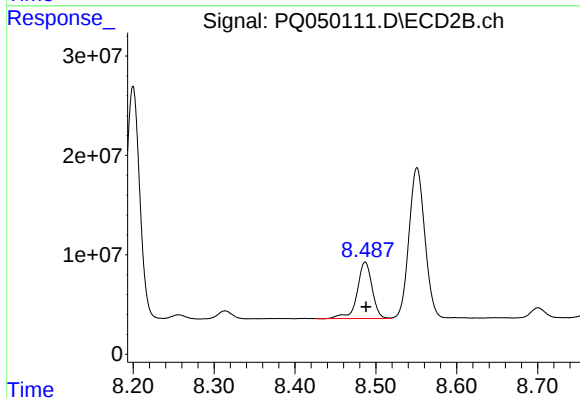
R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 83640996
Conc: 250.69 ng/ml



#41 AR-1268-1

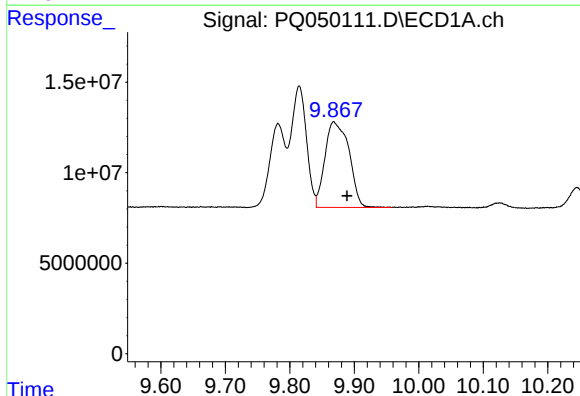
R.T.: 9.782 min
Delta R.T.: -0.003 min
Response: 73588639
Conc: 76.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



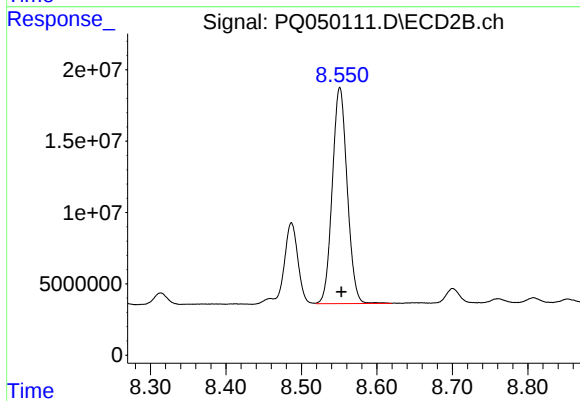
#41 AR-1268-1

R.T.: 8.487 min
Delta R.T.: -0.001 min
Response: 72665116
Conc: 64.80 ng/ml



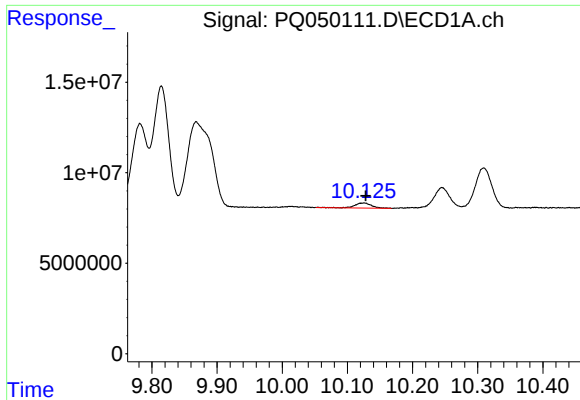
#42 AR-1268-2

R.T.: 9.868 min
Delta R.T.: -0.021 min
Response: 122470676
Conc: 133.12 ng/ml



#42 AR-1268-2

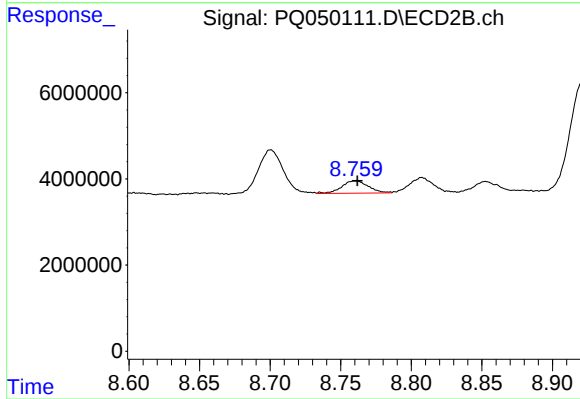
R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 208005522
Conc: 214.28 ng/ml



#43 AR-1268-3

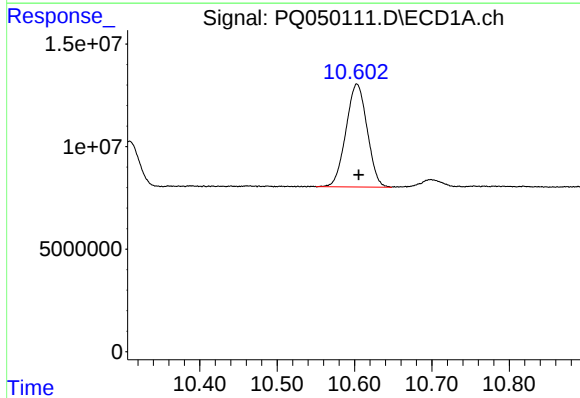
R.T.: 10.126 min
Delta R.T.: -0.003 min
Response: 5321211
Conc: 6.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



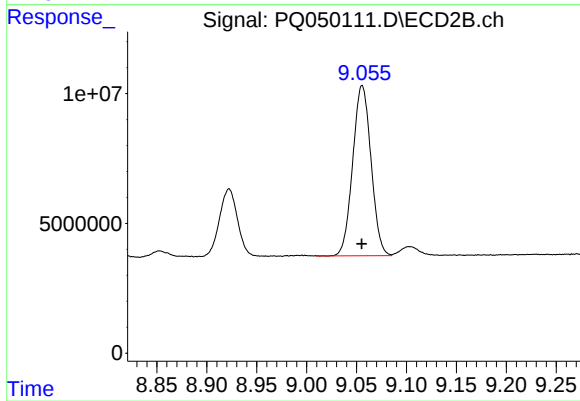
#43 AR-1268-3

R.T.: 8.761 min
Delta R.T.: -0.001 min
Response: 3813890
Conc: 4.59 ng/ml



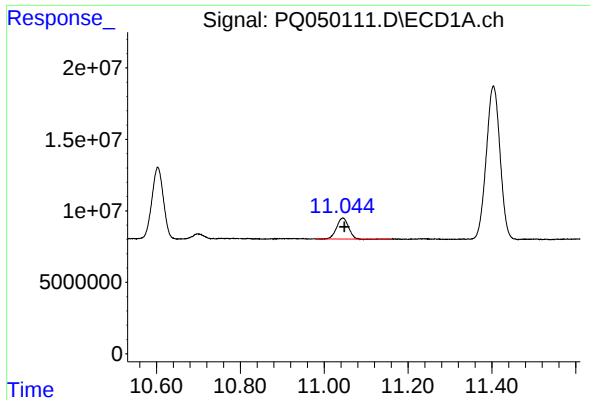
#44 AR-1268-4

R.T.: 10.603 min
Delta R.T.: -0.002 min
Response: 95251500
Conc: 246.33 ng/ml



#44 AR-1268-4

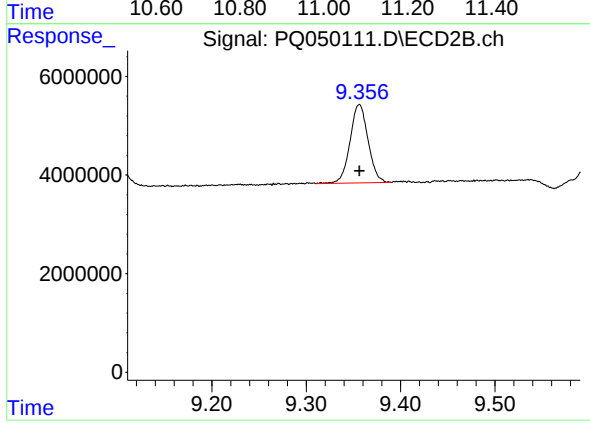
R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 83640996
Conc: 219.66 ng/ml



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.003 min
Response: 29313989
Conc: 11.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 21131151
Conc: 8.23 ng/ml