

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070120\
 Data File : PQ048594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2020 16:03
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 17:28:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ061720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 17 15:37:20 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...	5.293	4.290	419.6E6	201.5E6	56.930	57.083
2)	SA Decachlor...	11.562	9.661	410.1E6	192.8E6	42.380	40.065
Target Compounds							
3)	L1 AR-1016-1	6.623	5.553	136.2E6	75513005	474.668	534.443
4)	L1 AR-1016-2	6.648	5.574	188.4E6	105.3E6	475.228	545.445
5)	L1 AR-1016-3	6.715	5.767	114.1E6	54754756	462.580	576.394
6)	L1 AR-1016-4	6.824	5.817	94492551	44688974	463.551	575.734
7)	L1 AR-1016-5	7.138	6.049	89683123	49755686	442.141	462.774
8)	L2 AR-1221-1	5.538	4.546	11865622	6261588	159.497	169.679
9)	L2 AR-1221-2	5.646	4.647	19152896	9130685	332.550	339.162
10)	L2 AR-1221-3	5.733	4.737	68385487	34115730	381.469	398.251
11)	L3 AR-1232-1	5.733	4.737	68385487	34115730	539.279	572.298
12)	L3 AR-1232-2	6.327	5.574	90593775	105.3E6	1367.028	1596.446
13)	L3 AR-1232-3	6.648	5.767	188.4E6	54754756	1356.096	1665.634
14)	L3 AR-1232-4	6.824	5.863	94492551	53469963	1336.318	1720.525 #
15)	L3 AR-1232-5	6.918	6.049	81585849	49755686	1458.403	1415.433
16)	L4 AR-1242-1	6.623	5.553	136.2E6	75513005	645.805	729.864
17)	L4 AR-1242-2	6.648	5.574	188.4E6	105.3E6	637.464	746.790
18)	L4 AR-1242-3	6.715	5.767	114.1E6	54754756	620.903	768.770
19)	L4 AR-1242-4	6.824	5.863	94492551	53469963	623.884	732.681
20)	L4 AR-1242-5	7.609	6.428	15900794	43310036	89.992	415.605 #
21)	L5 AR-1248-1	6.623	5.553	136.2E6	75513005	846.581	969.933
22)	L5 AR-1248-2	6.918	5.817	81585849	44688974	367.379	443.445
23)	L5 AR-1248-3	7.138	5.863	89683123	53469963	360.326	511.830 #
24)	L5 AR-1248-4	7.569	6.049	17105070	49755686	57.514	378.238 #
25)	L5 AR-1248-5	7.609	6.472	15900794	6903953	56.206	50.671
26)	L6 AR-1254-1	7.538	6.428	66463162	43310036	219.675	193.634
27)	L6 AR-1254-2	7.766	6.587	72856711	39757626	152.040	200.031 #
28)	L6 AR-1254-3	8.153	7.028	41401541	90396733	78.608	263.140 #
29)	L6 AR-1254-4	8.448	7.248	30309942	11452129	73.422	50.808 #
30)	L6 AR-1254-5	8.880	7.678	241.7E6	133.0E6	528.283	420.120
31)	L7 AR-1260-1	8.319	7.147	164.0E6	99704472	434.990	459.012
32)	L7 AR-1260-2	8.584	7.342	202.5E6	121.9E6	440.817	452.211
33)	L7 AR-1260-3	8.954	7.500	151.3E6	109.3E6	411.866	441.614
34)	L7 AR-1260-4	9.203	7.985	186.5E6	89085720	435.396	416.675
35)	L7 AR-1260-5	9.556	8.230	383.4E6	221.7E6	427.652	410.900
36)	L8 AR-1262-1	8.954	7.678	151.3E6	133.0E6	267.967	767.238 #
37)	L8 AR-1262-2	9.556	8.230	383.4E6	221.7E6	348.974	332.653
38)	L8 AR-1262-3	9.895	8.520	89780548	46293762	182.317	185.521
39)	L8 AR-1262-4	9.979	8.583	154.1E6	155.7E6	268.625	323.680
40)	L8 AR-1262-5	10.732	9.090	114.2E6	54292253	268.231	243.179
41)	L9 AR-1268-1	9.895	8.520	89780548	46293762	68.256	60.795

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 Acq On : 01 Jul 2020 16:03
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

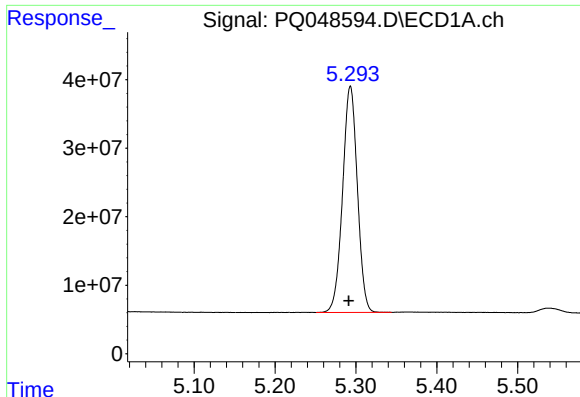
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 17:28:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ061720.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	9.979	8.583	154.1E6	155.7E6	124.712	222.057 #
43) L9	AR-1268-3	10.247	8.796	7371258	2506179	7.065	4.354 #
44) L9	AR-1268-4	10.732	9.090	114.2E6	54292253	239.914	217.517
45) L9	AR-1268-5	11.190	9.394	33866953	15365791	9.428	7.942

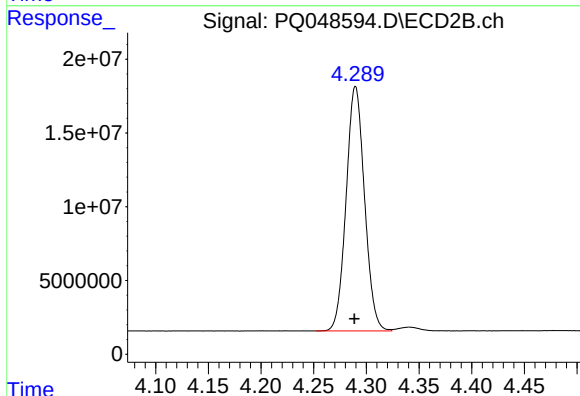
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

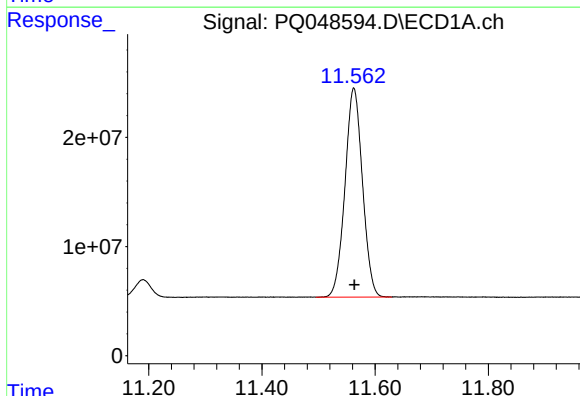
R.T.: 5.293 min
Delta R.T.: 0.002 min
Response: 419646673
Conc: 56.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



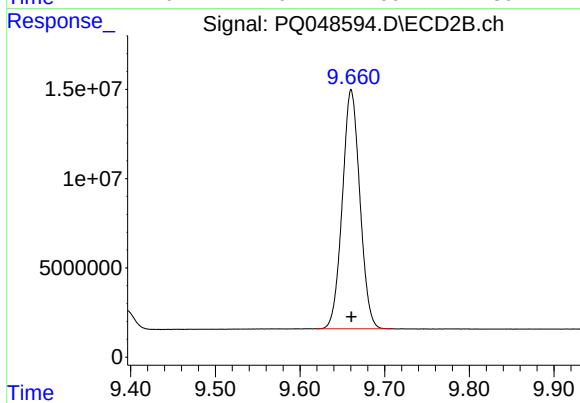
#1 Tetrachloro-m-xylene

R.T.: 4.290 min
Delta R.T.: 0.001 min
Response: 201534589
Conc: 57.08 ng/ml



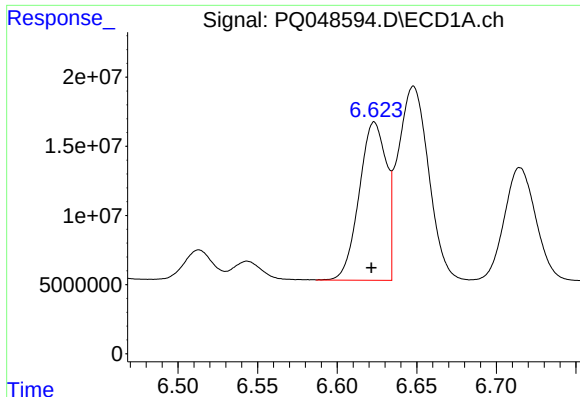
#2 Decachlorobiphenyl

R.T.: 11.562 min
Delta R.T.: -0.001 min
Response: 410071984
Conc: 42.38 ng/ml



#2 Decachlorobiphenyl

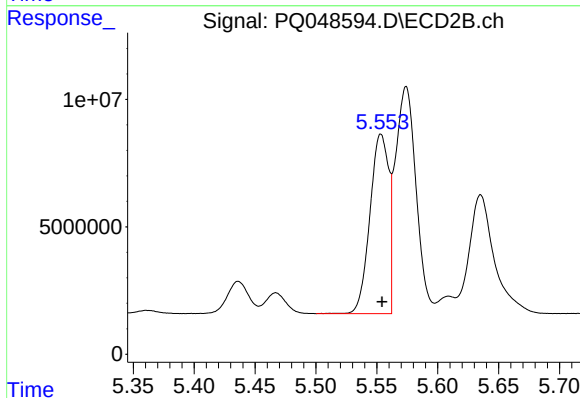
R.T.: 9.661 min
Delta R.T.: 0.000 min
Response: 192805536
Conc: 40.07 ng/ml



#3 AR-1016-1

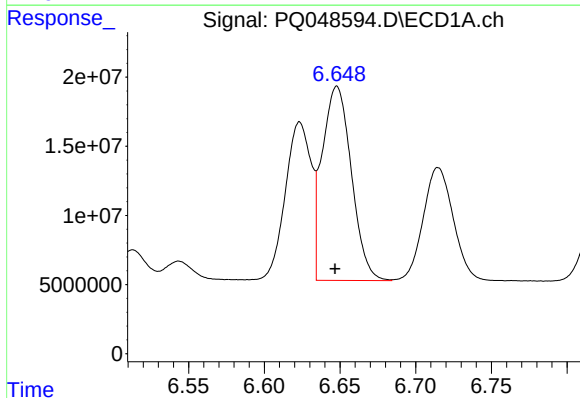
R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 136217574
Conc: 474.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



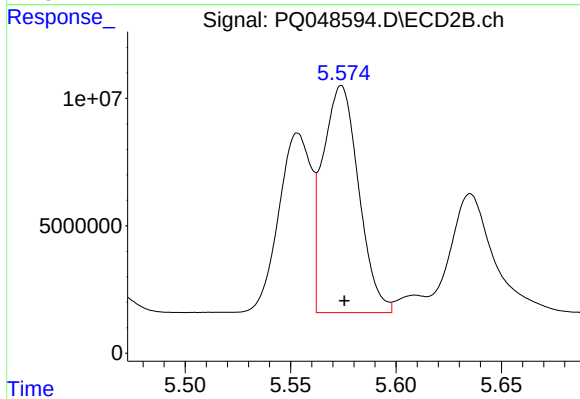
#3 AR-1016-1

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 75513005
Conc: 534.44 ng/ml



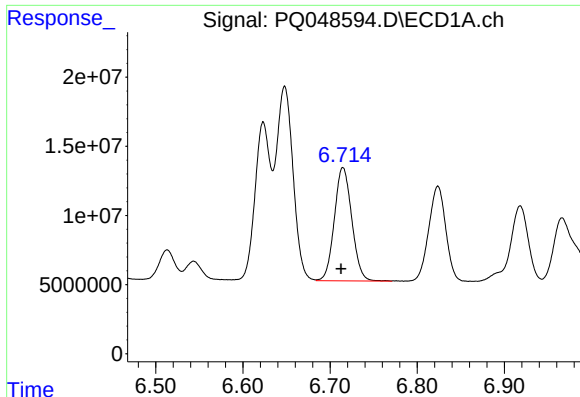
#4 AR-1016-2

R.T.: 6.648 min
Delta R.T.: 0.001 min
Response: 188355322
Conc: 475.23 ng/ml



#4 AR-1016-2

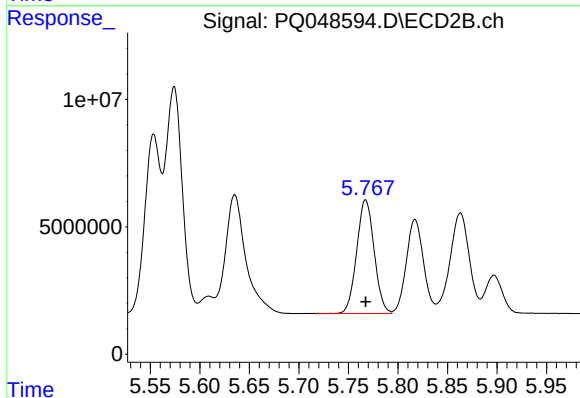
R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 105310721
Conc: 545.44 ng/ml



#5 AR-1016-3

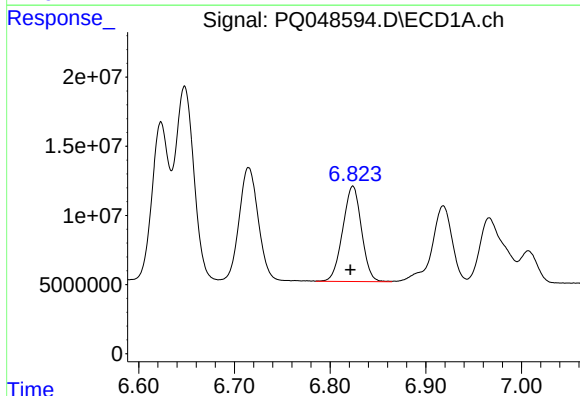
R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 114114299
Conc: 462.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



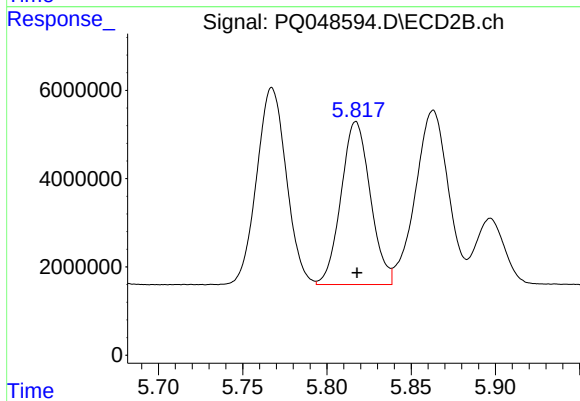
#5 AR-1016-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 54754756
Conc: 576.39 ng/ml



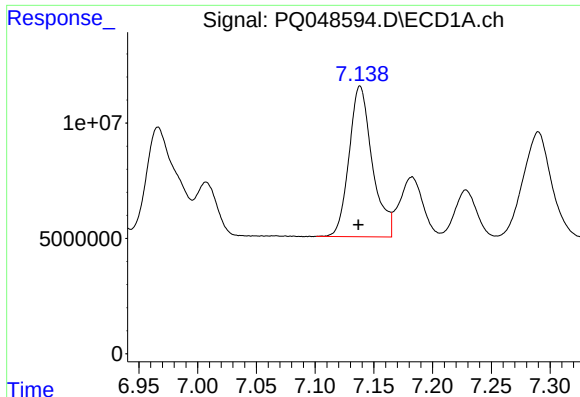
#6 AR-1016-4

R.T.: 6.824 min
Delta R.T.: 0.002 min
Response: 94492551
Conc: 463.55 ng/ml



#6 AR-1016-4

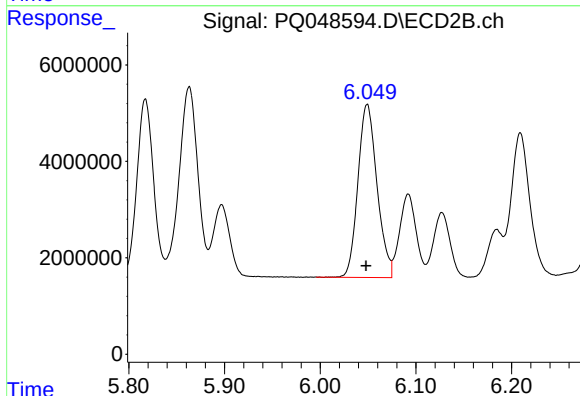
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 44688974
Conc: 575.73 ng/ml



#7 AR-1016-5

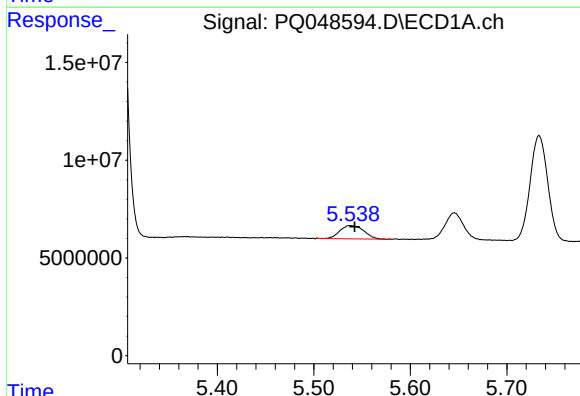
R.T.: 7.138 min
Delta R.T.: 0.001 min
Response: 89683123
Conc: 442.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



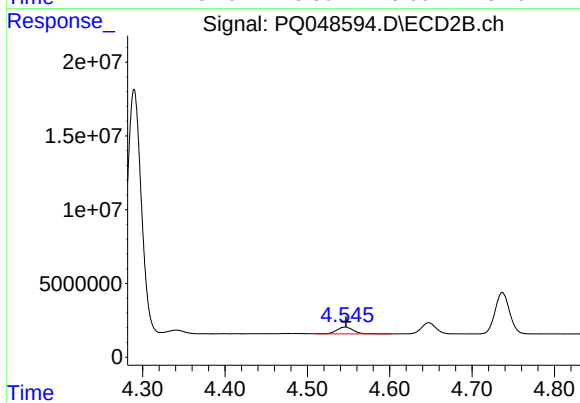
#7 AR-1016-5

R.T.: 6.049 min
Delta R.T.: 0.001 min
Response: 49755686
Conc: 462.77 ng/ml



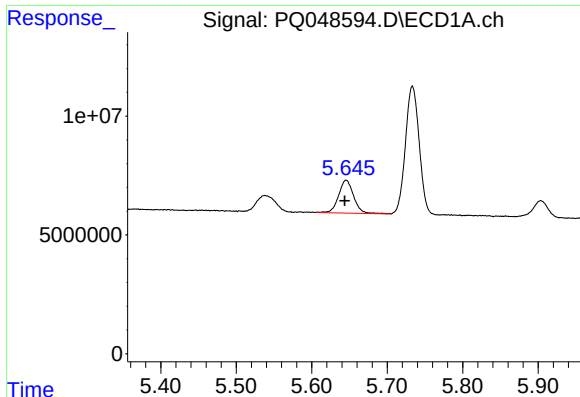
#8 AR-1221-1

R.T.: 5.538 min
Delta R.T.: -0.004 min
Response: 11865622
Conc: 159.50 ng/ml



#8 AR-1221-1

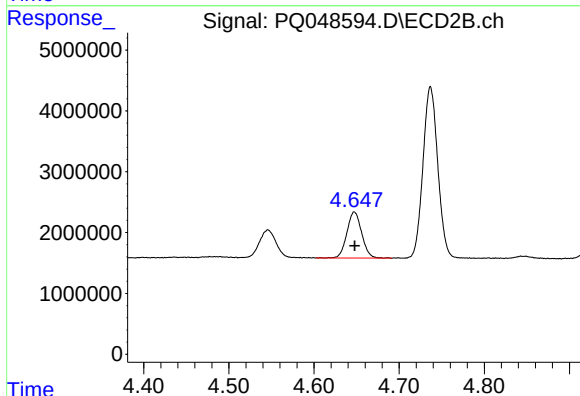
R.T.: 4.546 min
Delta R.T.: -0.001 min
Response: 6261588
Conc: 169.68 ng/ml



#9 AR-1221-2

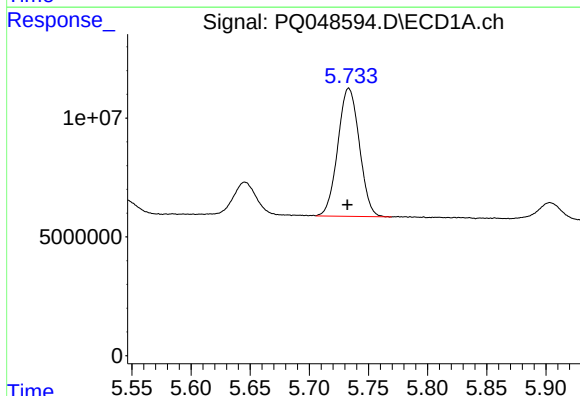
R.T.: 5.646 min
Delta R.T.: 0.002 min
Response: 19152896
Conc: 332.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



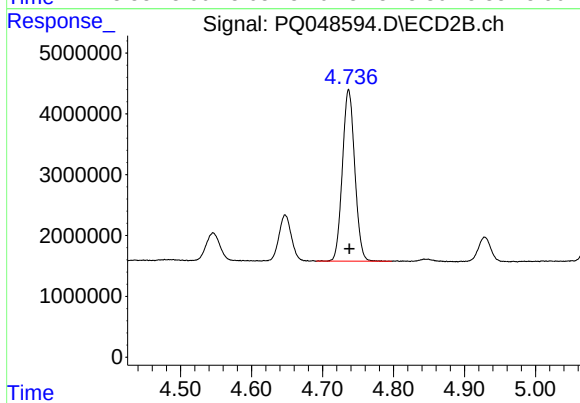
#9 AR-1221-2

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 9130685
Conc: 339.16 ng/ml



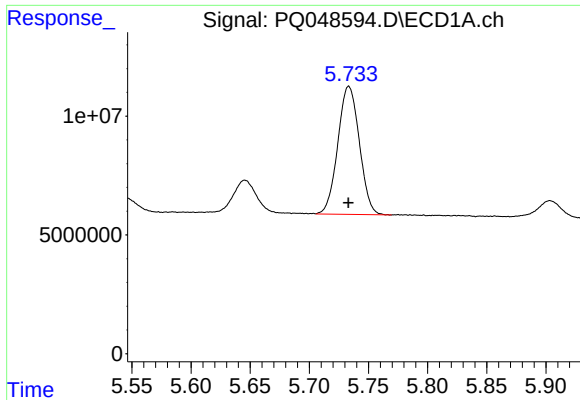
#10 AR-1221-3

R.T.: 5.733 min
Delta R.T.: 0.001 min
Response: 68385487
Conc: 381.47 ng/ml



#10 AR-1221-3

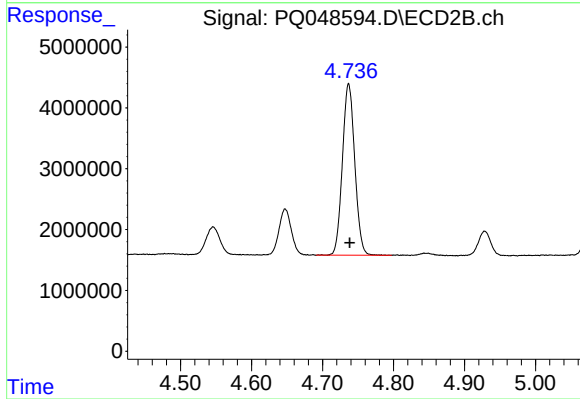
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 34115730
Conc: 398.25 ng/ml



#11 AR-1232-1

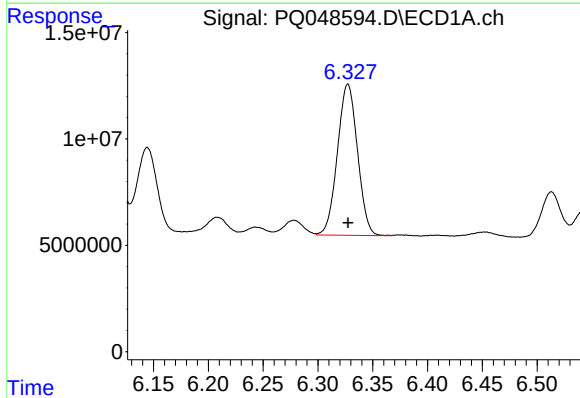
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 68385487
Conc: 539.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



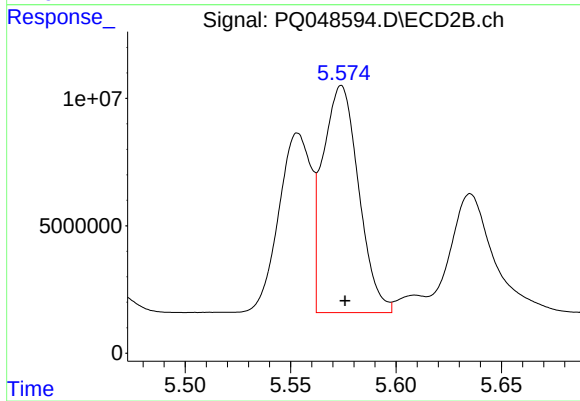
#11 AR-1232-1

R.T.: 4.737 min
Delta R.T.: -0.001 min
Response: 34115730
Conc: 572.30 ng/ml



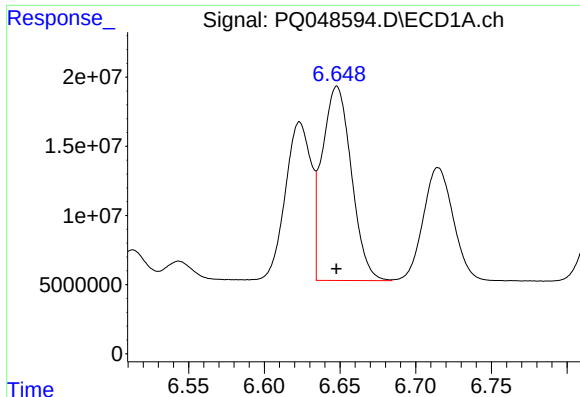
#12 AR-1232-2

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 90593775
Conc: 1367.03 ng/ml



#12 AR-1232-2

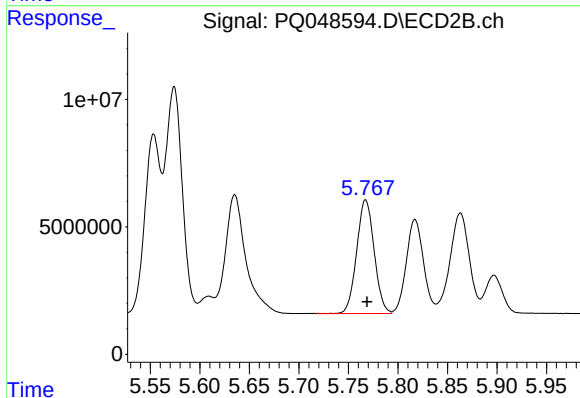
R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 105310721
Conc: 1596.45 ng/ml



#13 AR-1232-3

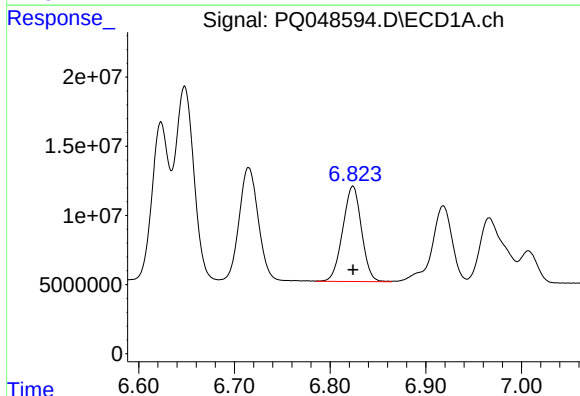
R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 188355322
Conc: 1356.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



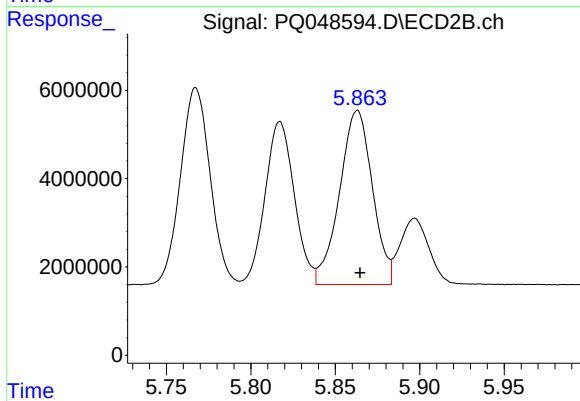
#13 AR-1232-3

R.T.: 5.767 min
Delta R.T.: -0.001 min
Response: 54754756
Conc: 1665.63 ng/ml



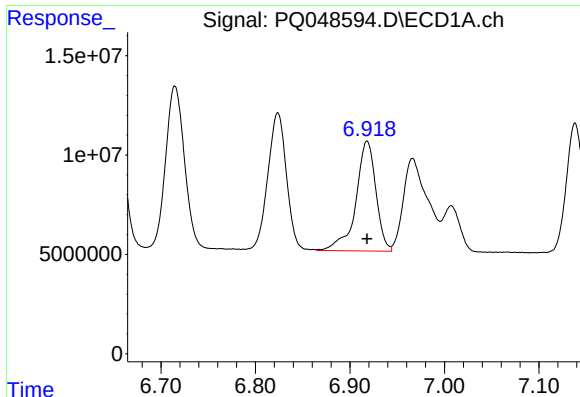
#14 AR-1232-4

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 94492551
Conc: 1336.32 ng/ml



#14 AR-1232-4

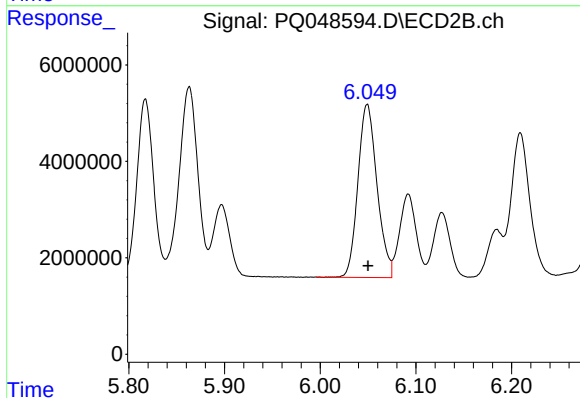
R.T.: 5.863 min
Delta R.T.: -0.002 min
Response: 53469963
Conc: 1720.53 ng/ml



#15 AR-1232-5

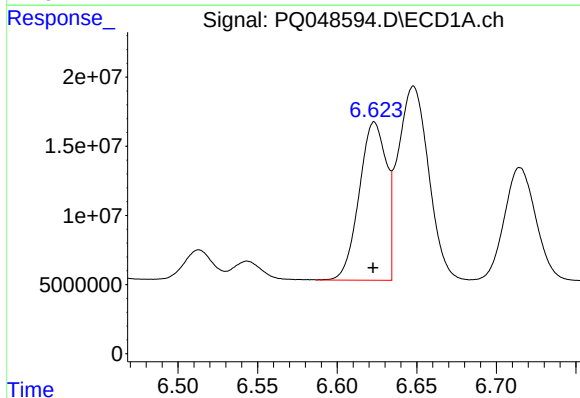
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 81585849
Conc: 1458.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



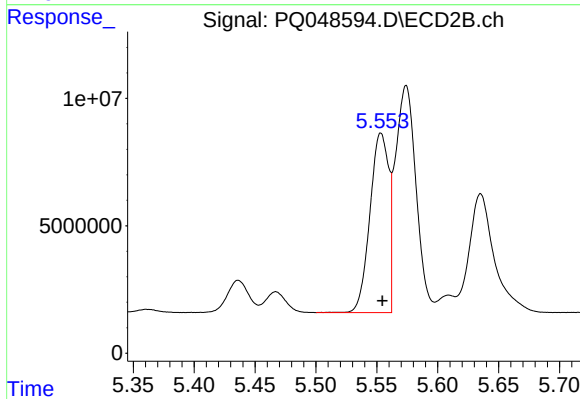
#15 AR-1232-5

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 49755686
Conc: 1415.43 ng/ml



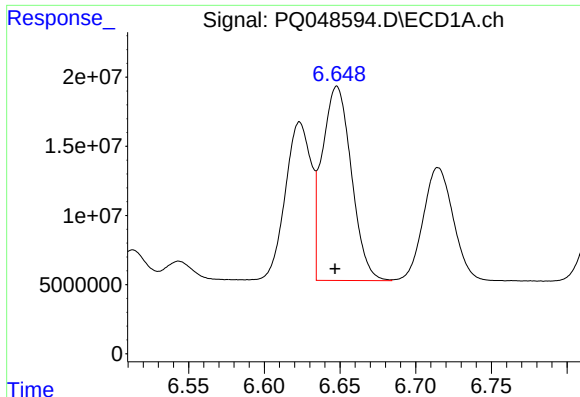
#16 AR-1242-1

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 136217574
Conc: 645.81 ng/ml



#16 AR-1242-1

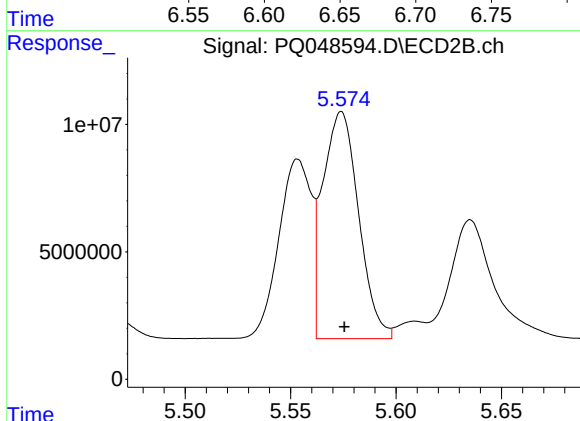
R.T.: 5.553 min
Delta R.T.: -0.001 min
Response: 75513005
Conc: 729.86 ng/ml



#17 AR-1242-2

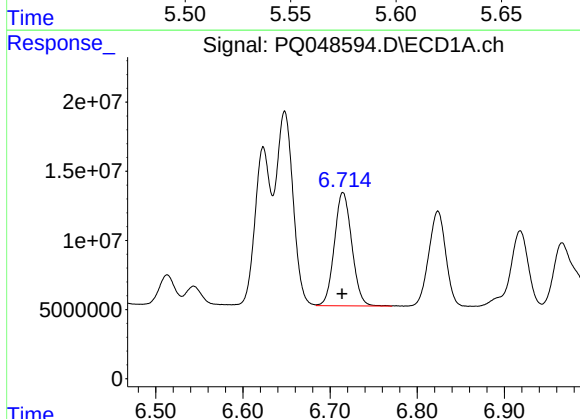
R.T.: 6.648 min
Delta R.T.: 0.001 min
Response: 188355322
Conc: 637.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



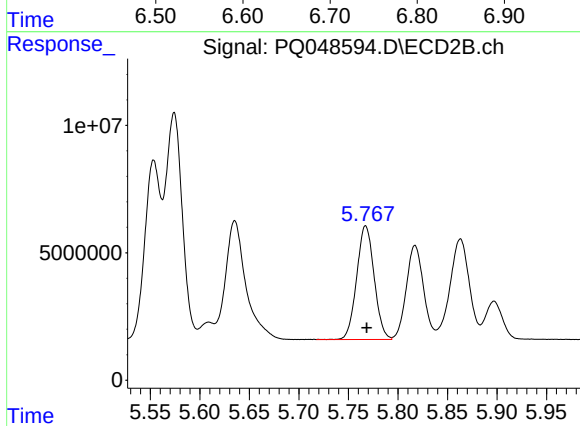
#17 AR-1242-2

R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 105310721
Conc: 746.79 ng/ml



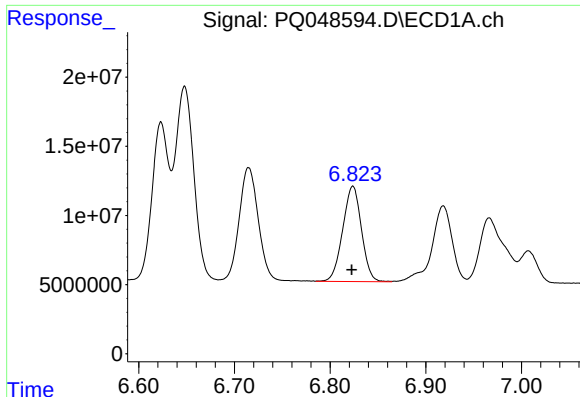
#18 AR-1242-3

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 114114299
Conc: 620.90 ng/ml



#18 AR-1242-3

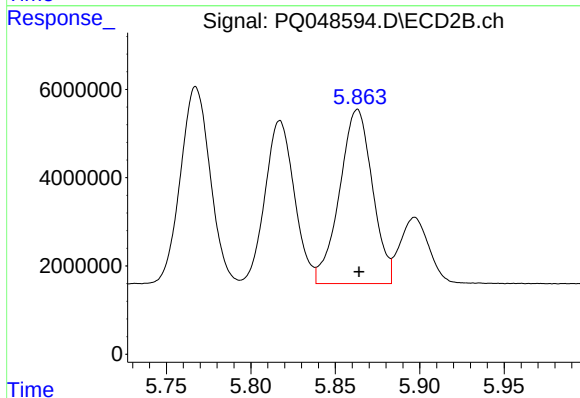
R.T.: 5.767 min
Delta R.T.: -0.001 min
Response: 54754756
Conc: 768.77 ng/ml



#19 AR-1242-4

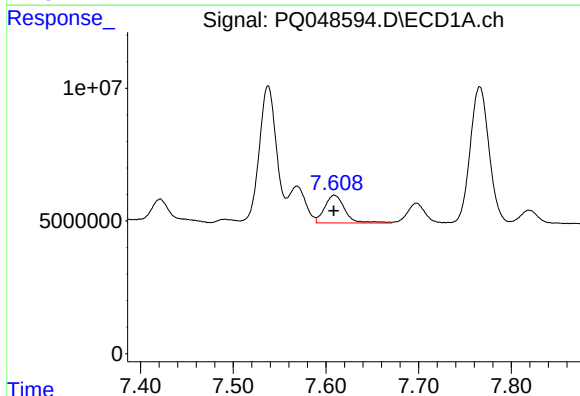
R.T.: 6.824 min
Delta R.T.: 0.001 min
Response: 94492551
Conc: 623.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



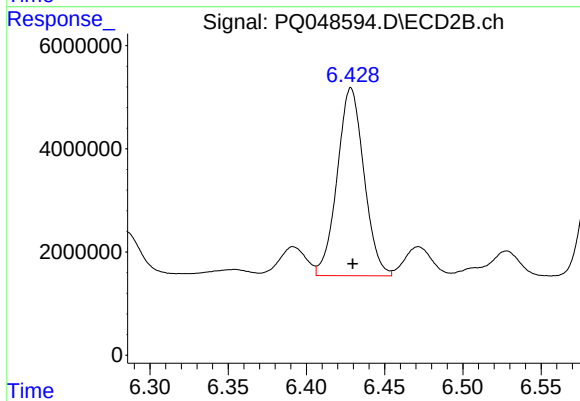
#19 AR-1242-4

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 53469963
Conc: 732.68 ng/ml



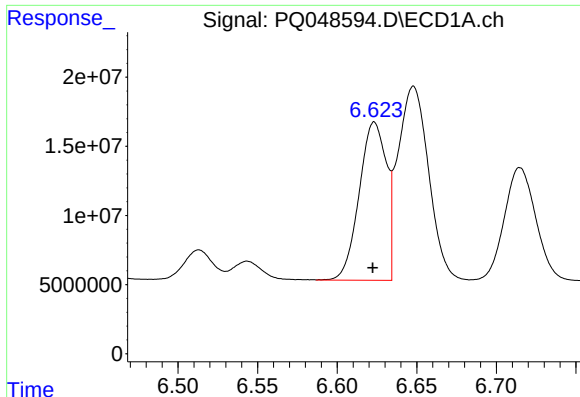
#20 AR-1242-5

R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 15900794
Conc: 89.99 ng/ml



#20 AR-1242-5

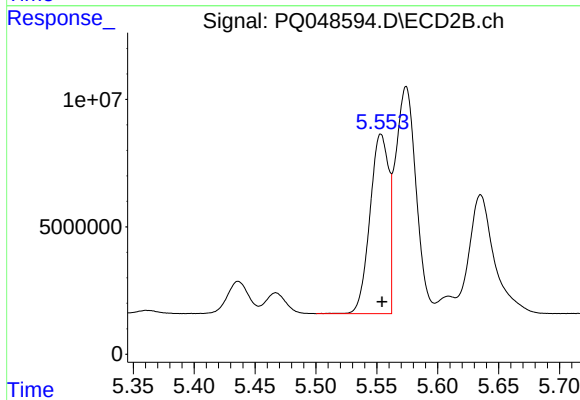
R.T.: 6.428 min
Delta R.T.: -0.001 min
Response: 43310036
Conc: 415.60 ng/ml



#21 AR-1248-1

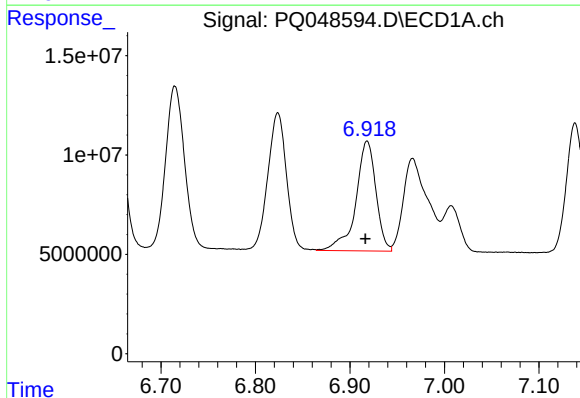
R.T.: 6.623 min
Delta R.T.: 0.001 min
Response: 136217574
Conc: 846.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



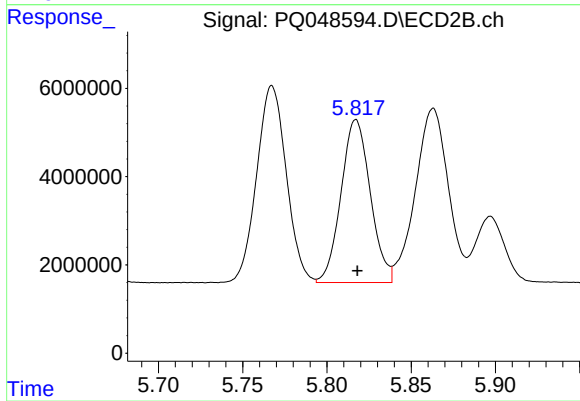
#21 AR-1248-1

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 75513005
Conc: 969.93 ng/ml



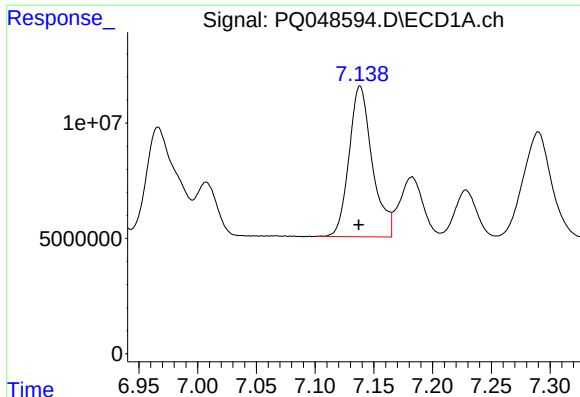
#22 AR-1248-2

R.T.: 6.918 min
Delta R.T.: 0.002 min
Response: 81585849
Conc: 367.38 ng/ml



#22 AR-1248-2

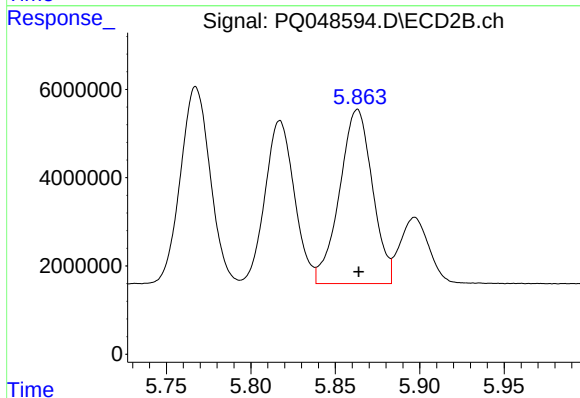
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 44688974
Conc: 443.44 ng/ml



#23 AR-1248-3

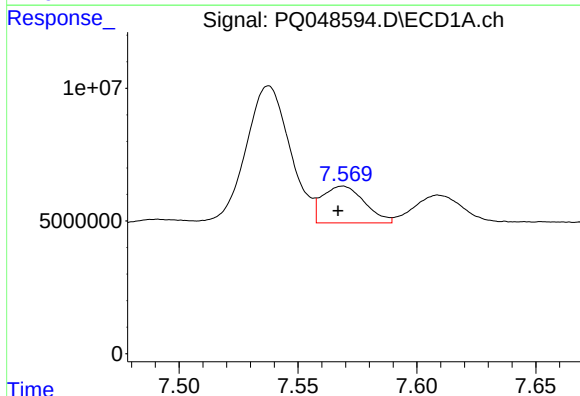
R.T.: 7.138 min
Delta R.T.: 0.001 min
Response: 89683123
Conc: 360.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



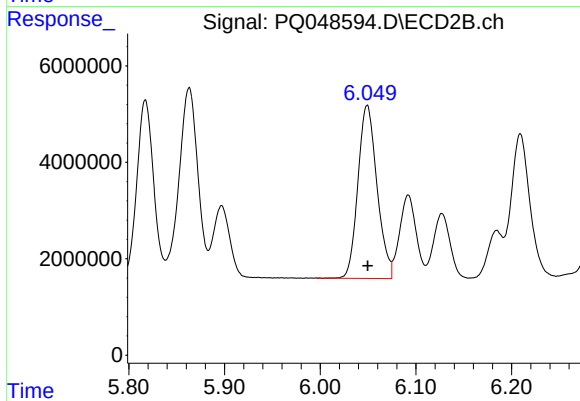
#23 AR-1248-3

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 53469963
Conc: 511.83 ng/ml



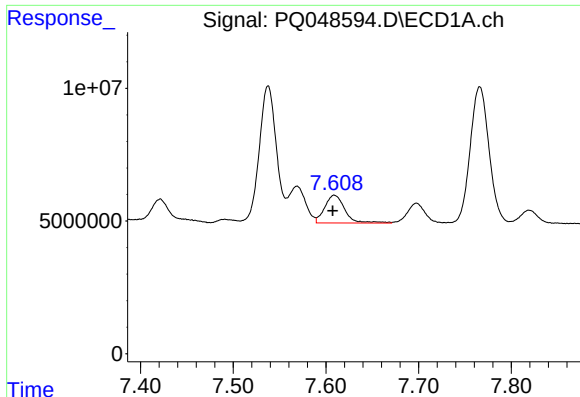
#24 AR-1248-4

R.T.: 7.569 min
Delta R.T.: 0.002 min
Response: 17105070
Conc: 57.51 ng/ml



#24 AR-1248-4

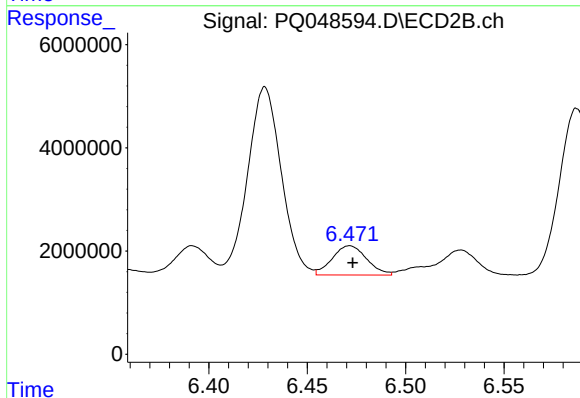
R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 49755686
Conc: 378.24 ng/ml



#25 AR-1248-5

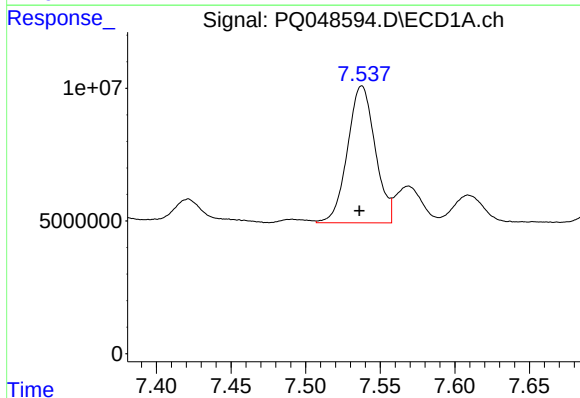
R.T.: 7.609 min
Delta R.T.: 0.002 min
Response: 15900794
Conc: 56.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



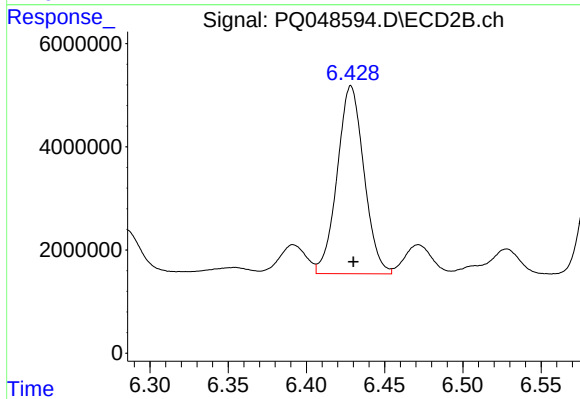
#25 AR-1248-5

R.T.: 6.472 min
Delta R.T.: -0.001 min
Response: 6903953
Conc: 50.67 ng/ml



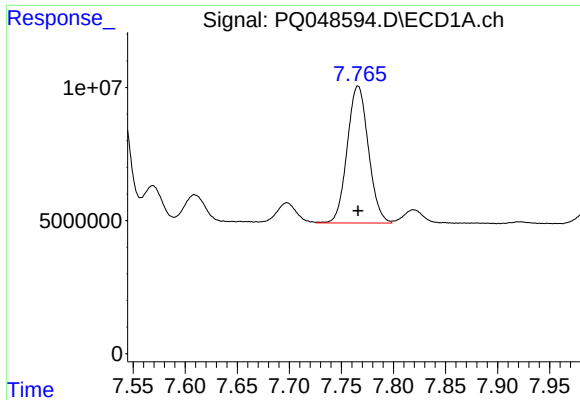
#26 AR-1254-1

R.T.: 7.538 min
Delta R.T.: 0.002 min
Response: 66463162
Conc: 219.67 ng/ml



#26 AR-1254-1

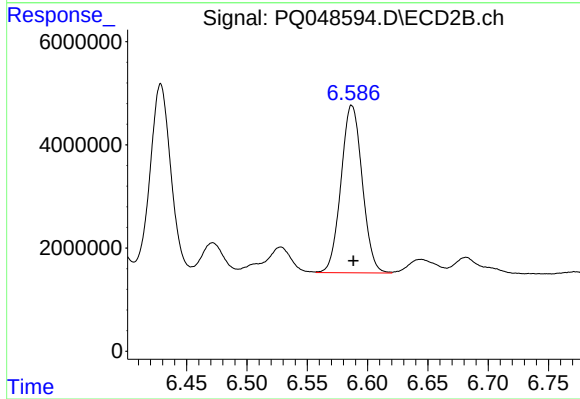
R.T.: 6.428 min
Delta R.T.: -0.002 min
Response: 43310036
Conc: 193.63 ng/ml



#27 AR-1254-2

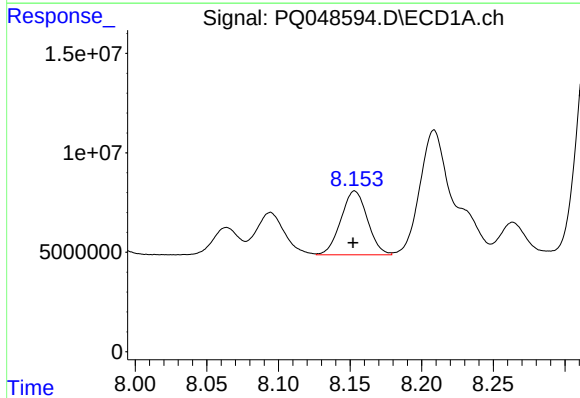
R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 72856711
Conc: 152.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



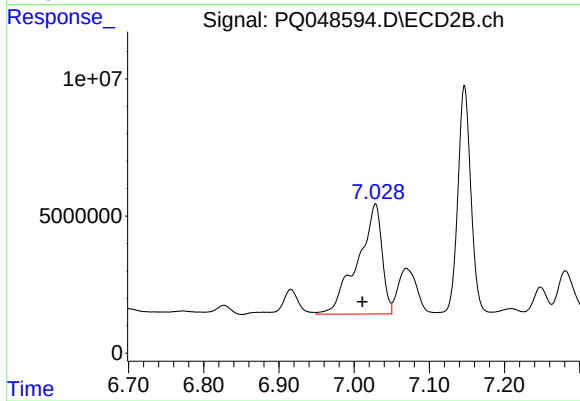
#27 AR-1254-2

R.T.: 6.587 min
Delta R.T.: -0.001 min
Response: 39757626
Conc: 200.03 ng/ml



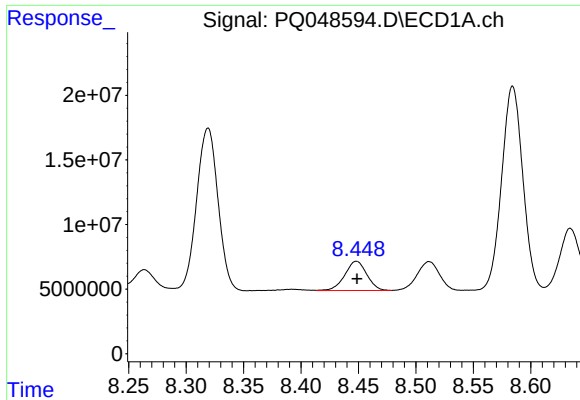
#28 AR-1254-3

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 41401541
Conc: 78.61 ng/ml



#28 AR-1254-3

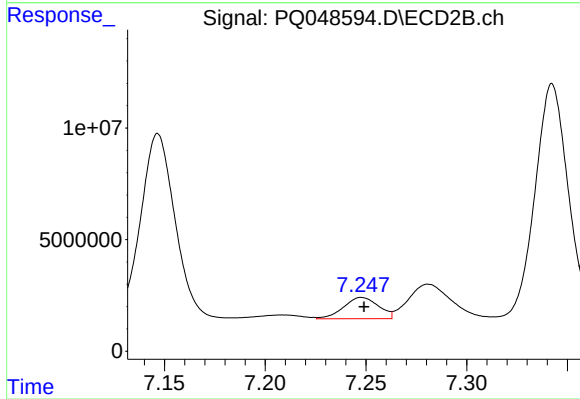
R.T.: 7.028 min
Delta R.T.: 0.017 min
Response: 90396733
Conc: 263.14 ng/ml



#29 AR-1254-4

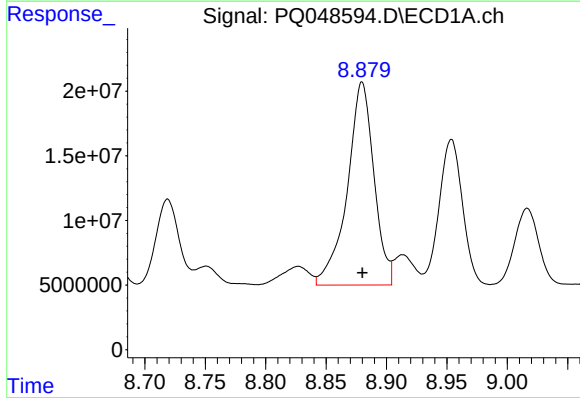
R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 30309942
Conc: 73.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



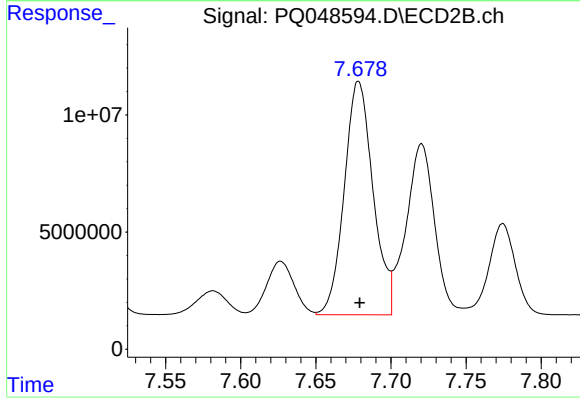
#29 AR-1254-4

R.T.: 7.248 min
Delta R.T.: -0.001 min
Response: 11452129
Conc: 50.81 ng/ml



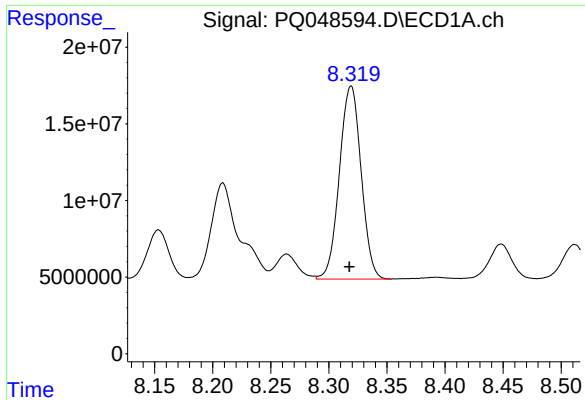
#30 AR-1254-5

R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 241654740
Conc: 528.28 ng/ml



#30 AR-1254-5

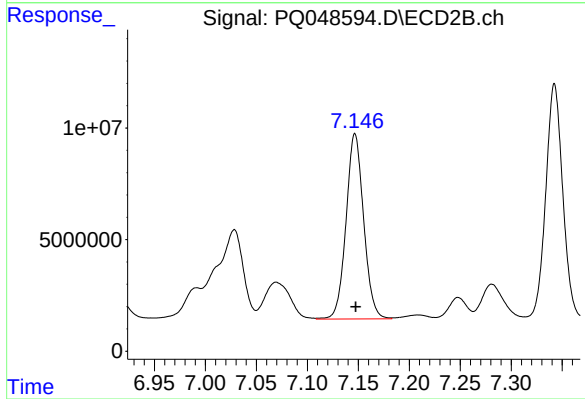
R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 133033908
Conc: 420.12 ng/ml



#31 AR-1260-1

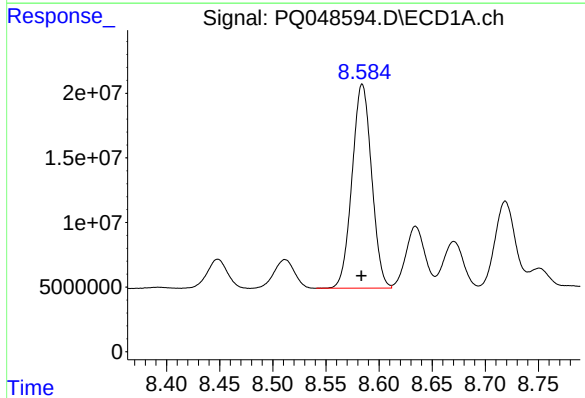
R.T.: 8.319 min
Delta R.T.: 0.001 min
Response: 163995945
Conc: 434.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



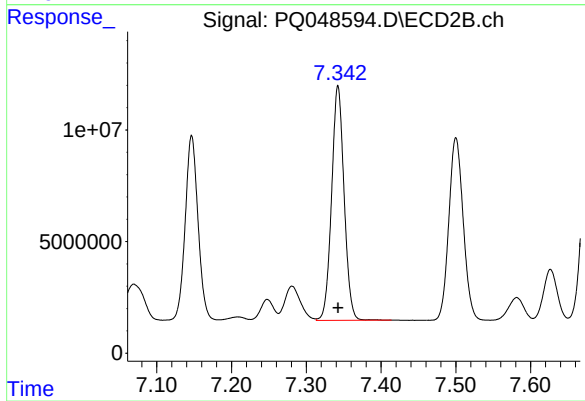
#31 AR-1260-1

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 99704472
Conc: 459.01 ng/ml



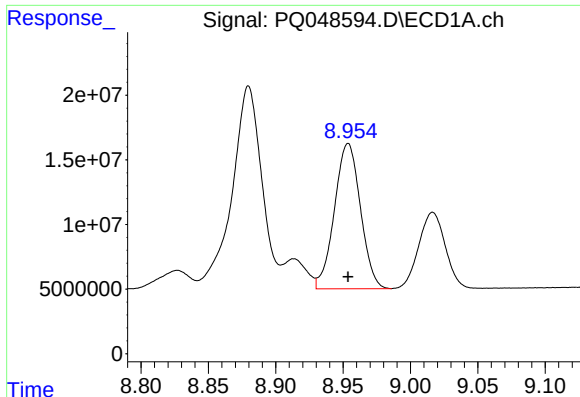
#32 AR-1260-2

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 202493945
Conc: 440.82 ng/ml



#32 AR-1260-2

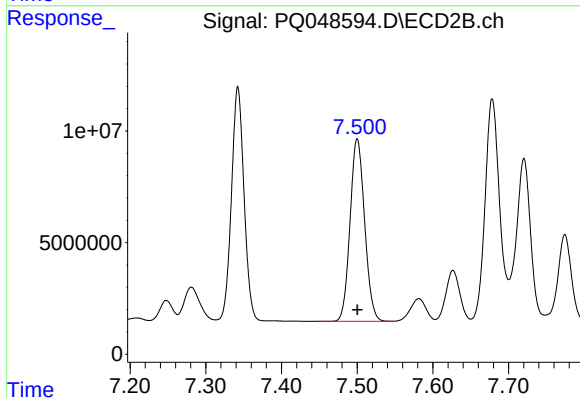
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 121941084
Conc: 452.21 ng/ml



#33 AR-1260-3

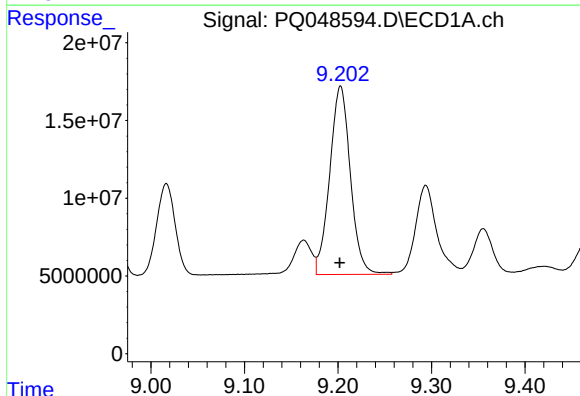
R.T.: 8.954 min
Delta R.T.: 0.000 min
Response: 151251973
Conc: 411.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



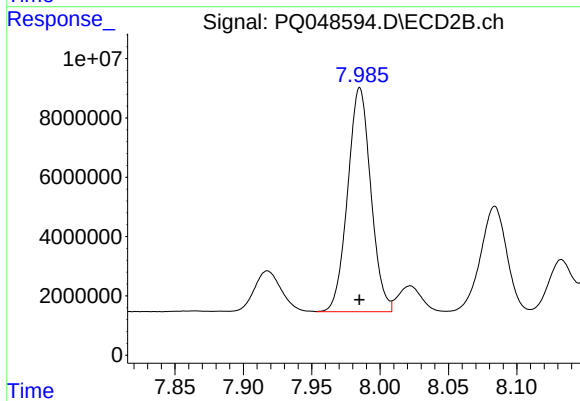
#33 AR-1260-3

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 109324927
Conc: 441.61 ng/ml



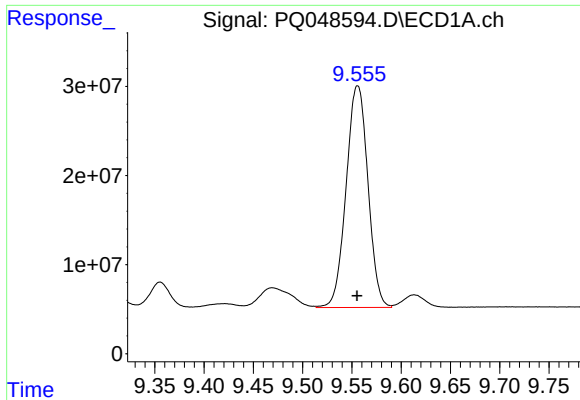
#34 AR-1260-4

R.T.: 9.203 min
Delta R.T.: 0.000 min
Response: 186524205
Conc: 435.40 ng/ml



#34 AR-1260-4

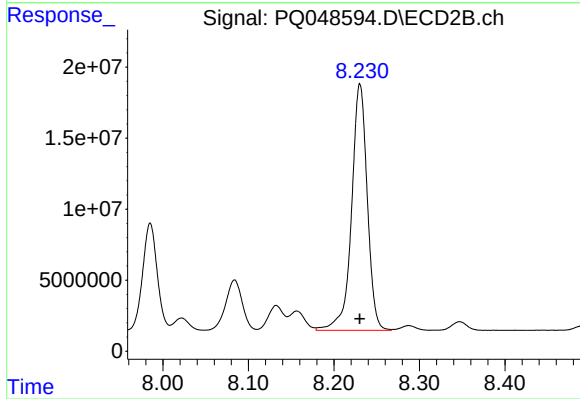
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 89085720
Conc: 416.67 ng/ml



#35 AR-1260-5

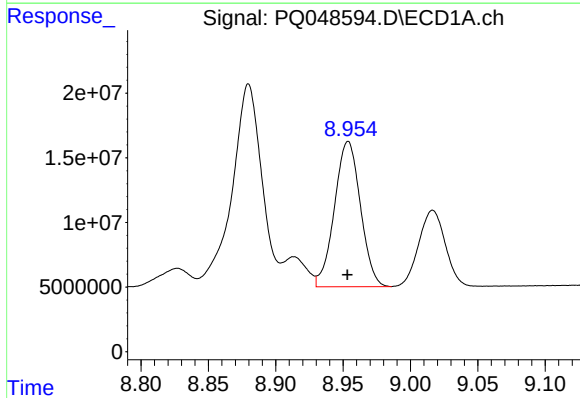
R.T.: 9.556 min
Delta R.T.: 0.000 min
Response: 383437367
Conc: 427.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



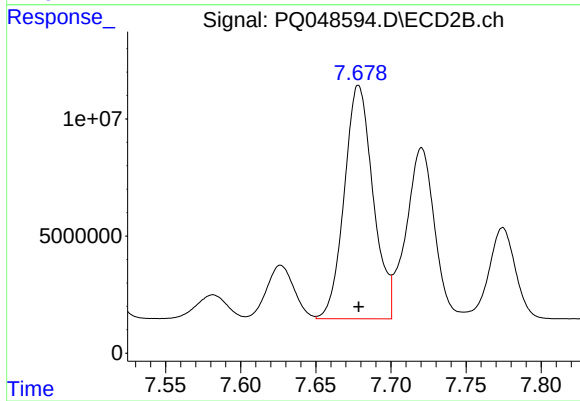
#35 AR-1260-5

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 221729728
Conc: 410.90 ng/ml



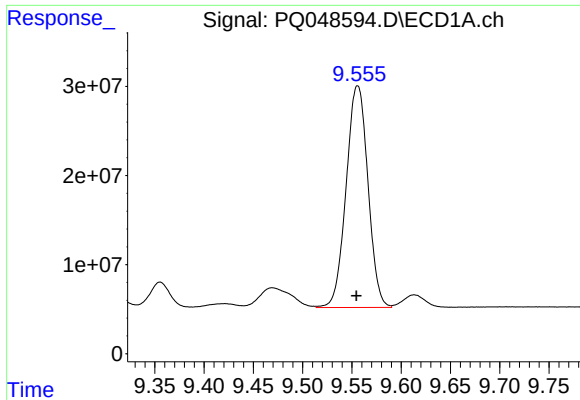
#36 AR-1262-1

R.T.: 8.954 min
Delta R.T.: 0.000 min
Response: 151251973
Conc: 267.97 ng/ml



#36 AR-1262-1

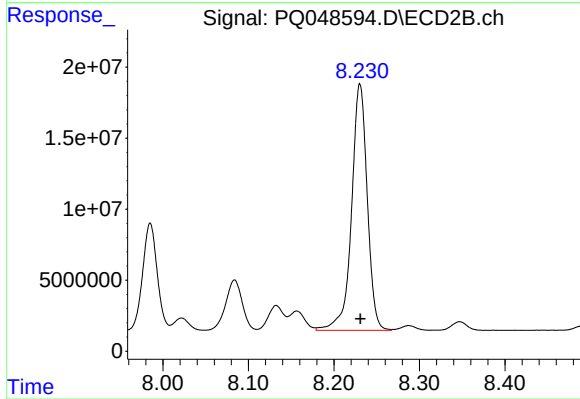
R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 133033908
Conc: 767.24 ng/ml



#37 AR-1262-2

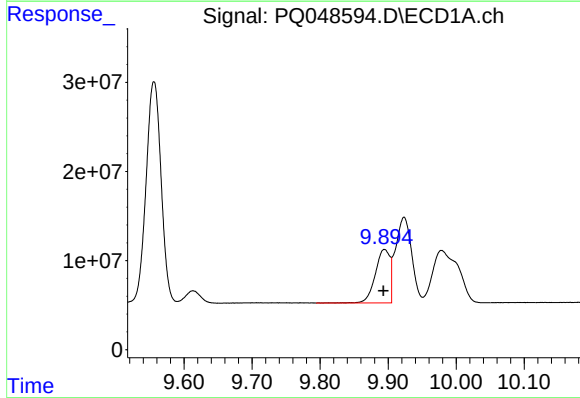
R.T.: 9.556 min
Delta R.T.: 0.001 min
Response: 383437367
Conc: 348.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



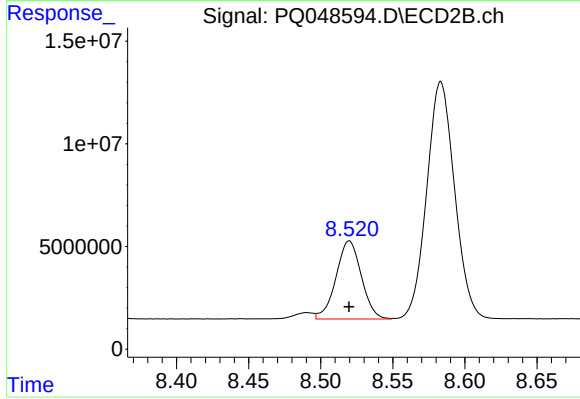
#37 AR-1262-2

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 221729728
Conc: 332.65 ng/ml



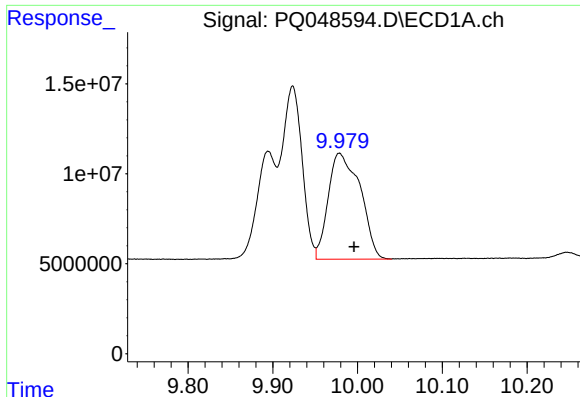
#38 AR-1262-3

R.T.: 9.895 min
Delta R.T.: 0.001 min
Response: 89780548
Conc: 182.32 ng/ml



#38 AR-1262-3

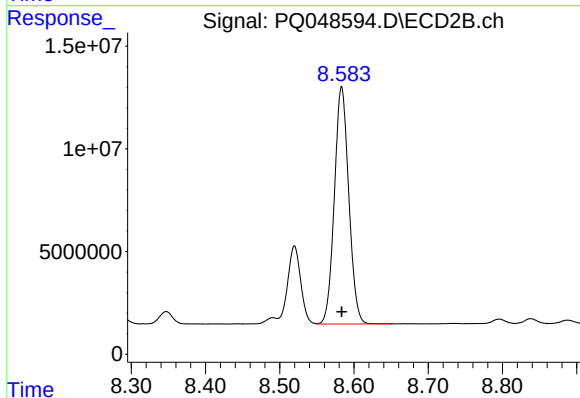
R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 46293762
Conc: 185.52 ng/ml



#39 AR-1262-4

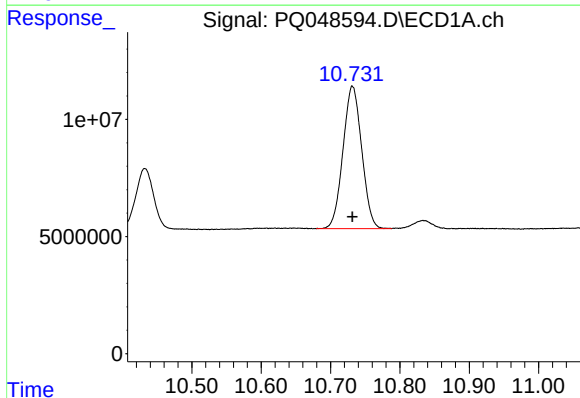
R.T.: 9.979 min
Delta R.T.: -0.017 min
Response: 154111257
Conc: 268.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



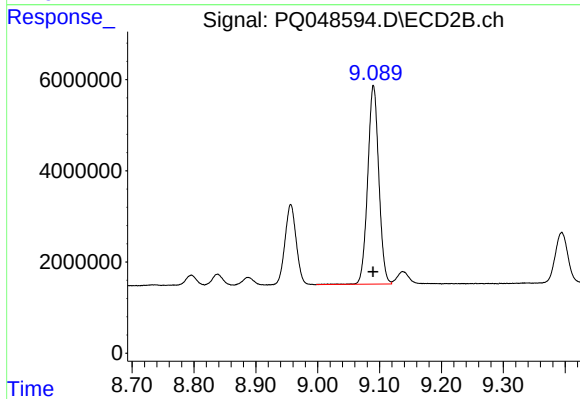
#39 AR-1262-4

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 155650587
Conc: 323.68 ng/ml



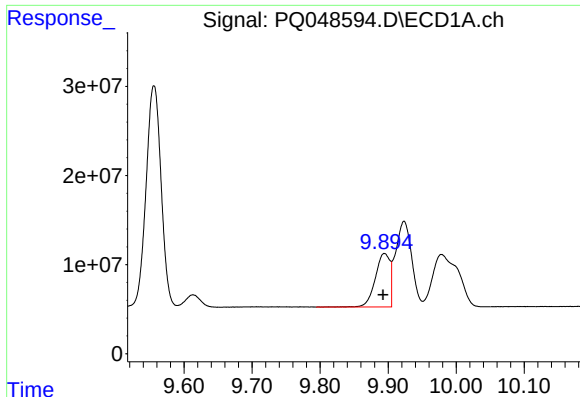
#40 AR-1262-5

R.T.: 10.732 min
Delta R.T.: 0.000 min
Response: 114166572
Conc: 268.23 ng/ml



#40 AR-1262-5

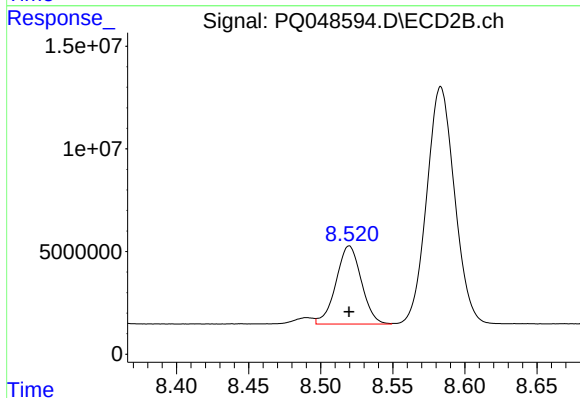
R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 54292253
Conc: 243.18 ng/ml



#41 AR-1268-1

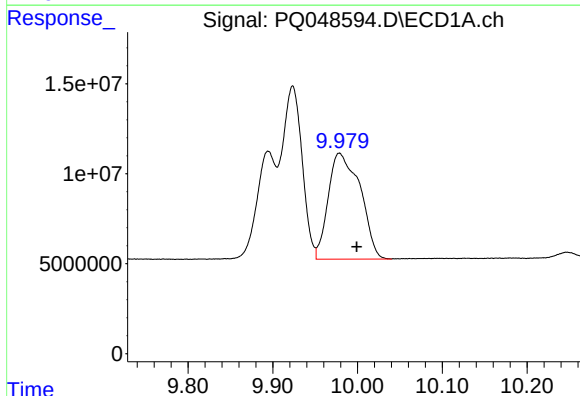
R.T.: 9.895 min
Delta R.T.: 0.002 min
Response: 89780548
Conc: 68.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



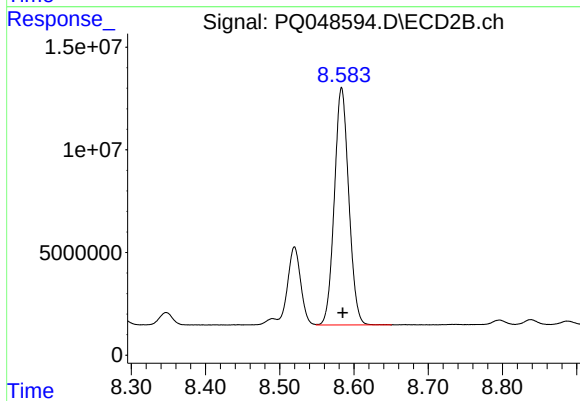
#41 AR-1268-1

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 46293762
Conc: 60.80 ng/ml



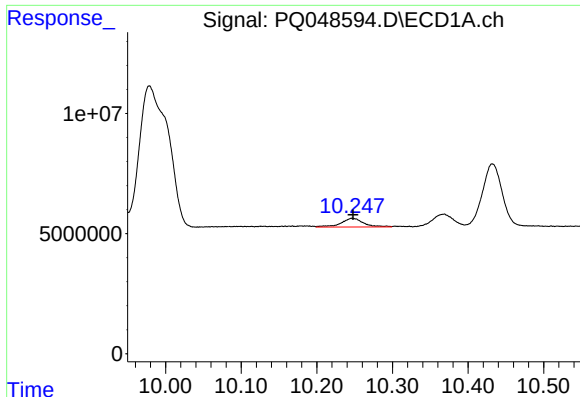
#42 AR-1268-2

R.T.: 9.979 min
Delta R.T.: -0.020 min
Response: 154111257
Conc: 124.71 ng/ml



#42 AR-1268-2

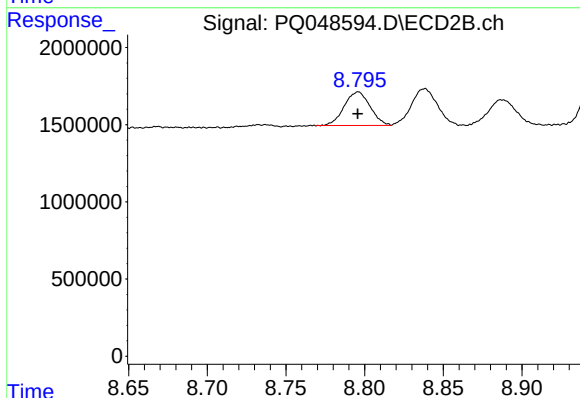
R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 155650587
Conc: 222.06 ng/ml



#43 AR-1268-3

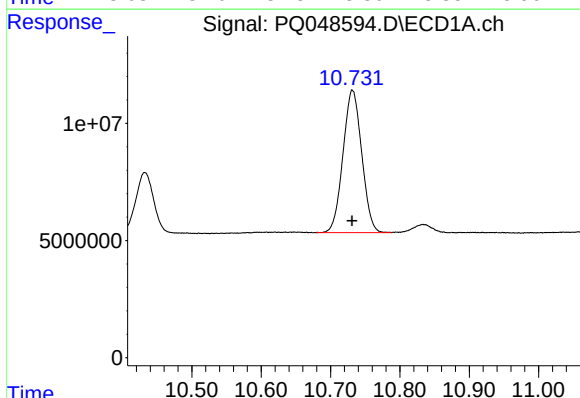
R.T.: 10.247 min
Delta R.T.: -0.001 min
Response: 7371258
Conc: 7.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



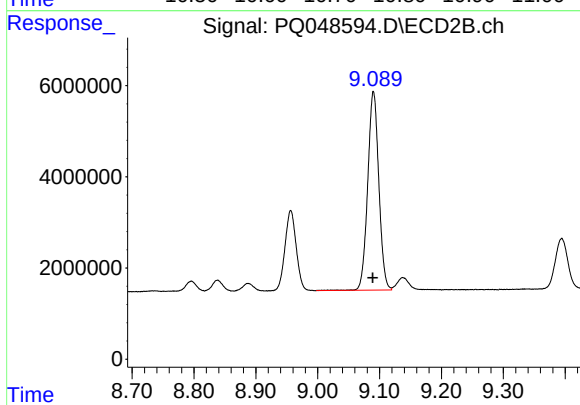
#43 AR-1268-3

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 2506179
Conc: 4.35 ng/ml



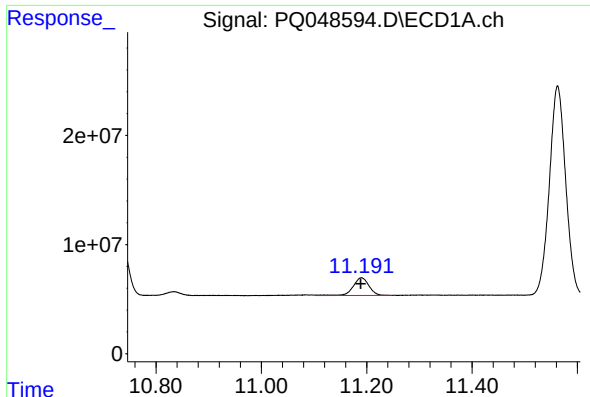
#44 AR-1268-4

R.T.: 10.732 min
Delta R.T.: 0.000 min
Response: 114166572
Conc: 239.91 ng/ml



#44 AR-1268-4

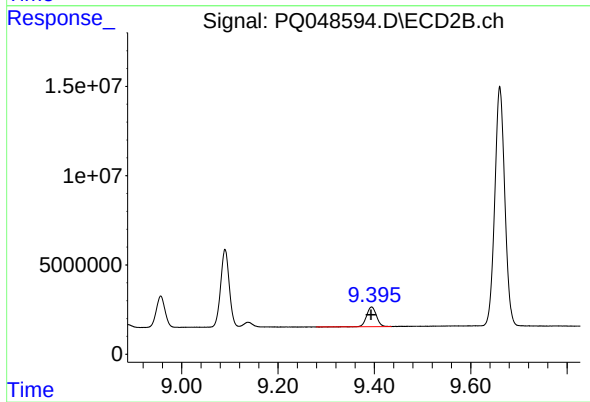
R.T.: 9.090 min
Delta R.T.: 0.001 min
Response: 54292253
Conc: 217.52 ng/ml



#45 AR-1268-5

R.T.: 11.190 min
Delta R.T.: 0.001 min
Response: 33866953
Conc: 9.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.394 min
Delta R.T.: 0.002 min
Response: 15365791
Conc: 7.94 ng/ml