

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
 Data File : PQ040336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 01:17
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660343

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:49:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 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...	5.593	4.732	56923414	40018468	17.376	18.632
2)	SA Decachlor...	11.894	10.448	254.9E6	153.7E6	35.684	36.968
Target Compounds							
3)	L1 AR-1016-1	7.065	6.197	97926454	131.8E6	585.361	1027.331 #
4)	L1 AR-1016-2	7.065	6.197	97926454	131.8E6	372.483	682.772 #
5)	L1 AR-1016-3	7.135	6.411	61607912	41586523	360.959	385.598
6)	L1 AR-1016-4	7.250	6.465	48600802	33981915	351.609	399.088
7)	L1 AR-1016-5	7.582	6.716	39250762	45458022	282.940	394.806 #
8)	L2 AR-1221-1	5.869	5.033	1057302	3872163	30.172	158.004 #
9)	L2 AR-1221-2	5.987	5.152	6118142	5678703	277.694	348.649 #
10)	L2 AR-1221-3	6.082	5.255	28998153	21981036	328.253	361.490
11)	L3 AR-1232-1	6.082	5.255	28998153	21981036	447.724	479.692
12)	L3 AR-1232-2	6.724	6.197	53281684	131.8E6	1343.881	2196.891 #
13)	L3 AR-1232-3	7.065	6.411	97926454	41586523	1211.778	1182.516
14)	L3 AR-1232-4	7.250	6.513	48600802	41383573	1162.743	1400.542
15)	L3 AR-1232-5	7.353	6.716	44107598	45458022	1391.737	1510.014
16)	L4 AR-1242-1	7.065	6.197	97926454	131.8E6	1010.010	1782.113 #
17)	L4 AR-1242-2	7.065	6.197	97926454	131.8E6	677.606	1237.877 #
18)	L4 AR-1242-3	7.135	6.411	61607912	41586523	661.806	689.381
19)	L4 AR-1242-4	7.250	6.513	48600802	41383573	646.196	694.351
20)	L4 AR-1242-5	8.070	7.124	17536830	47868844	202.285	593.992 #
21)	L5 AR-1248-1	7.065	6.197	97926454	131.8E6	1265.160	2286.986 #
22)	L5 AR-1248-2	7.353	6.465	44107598	33981915	391.608	386.512
23)	L5 AR-1248-3	7.582	6.513	39250762	41383573	284.370	457.361 #
24)	L5 AR-1248-4	8.070	6.716	17536830	45458022	116.161	411.648 #
25)	L5 AR-1248-5	8.070	7.171	17536830	10850128	116.478	95.566
26)	L6 AR-1254-1	8.028	7.124	18340212	47868844	105.165	249.921 #
27)	L6 AR-1254-2	8.232	7.292	47774656	34895323	172.750	200.859
28)	L6 AR-1254-3	8.629	7.752	21611250	71398640	72.818	247.069 #
29)	L6 AR-1254-4	8.928	7.989	14115997	5515858	67.921	30.893 #
30)	L6 AR-1254-5	9.367	8.431	190.8E6	141.9E6	662.446	550.776
31)	L7 AR-1260-1	8.798	7.878	125.3E6	111.0E6	376.998	404.920
32)	L7 AR-1260-2	9.068	8.082	146.1E6	136.9E6	361.615	395.680
33)	L7 AR-1260-3	9.441	8.245	126.8E6	127.1E6	384.382	396.438
34)	L7 AR-1260-4	9.681	8.741	131.5E6	105.7E6	356.928	389.071
35)	L7 AR-1260-5	10.072	8.995	44747956	250.6E6	58.109	372.793 #
36)	L8 AR-1262-1	9.501	8.525	68032106	59367166	489.392	522.844
37)	L8 AR-1262-2	10.020	8.995	272.6E6	250.6E6	471.038	505.067
38)	L8 AR-1262-3	10.367	9.285	174.8E6	56183823	413.453	267.222 #
39)	L8 AR-1262-4	10.422	9.352	142.0E6	184.9E6	375.839	488.446 #
40)	L8 AR-1262-5	11.126	9.873	83866411	58404087	356.940	360.226
41)	L9 AR-1268-1	10.367	9.285	174.8E6	56183823	290.208	123.119 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
 Data File : PQ040336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 01:17
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

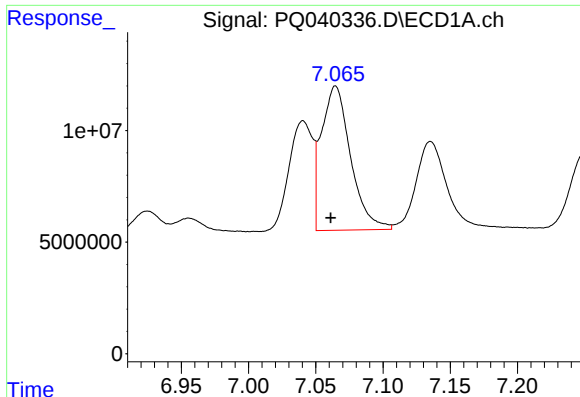
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660343

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:49:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
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 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
42) L9	AR-1268-2	10.422	9.352	142.0E6	184.9E6	230.699	423.019 #
43) L9	AR-1268-3	10.674	9.559	3661354	2708381	6.741	7.214
44) L9	AR-1268-4	11.126	9.873	83866411	58404087	411.184	423.880
45) L9	AR-1268-5	11.552	10.182	28893134	15643608	15.636	13.255

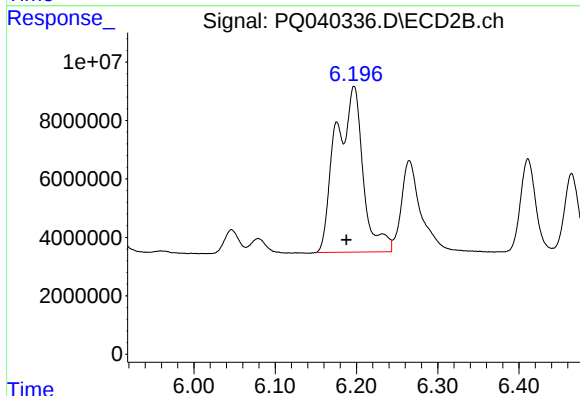
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

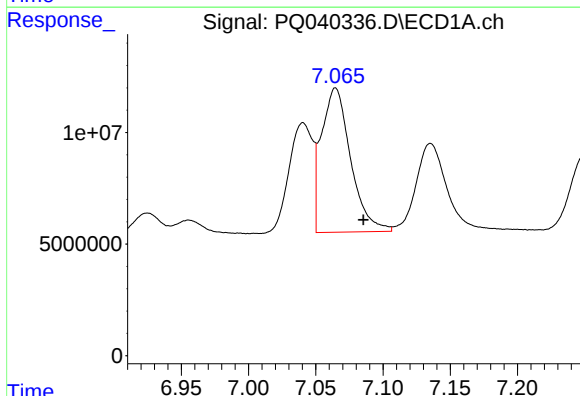
R.T.: 7.065 min
Delta R.T.: 0.004 min
Response: 97926454
Conc: 585.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



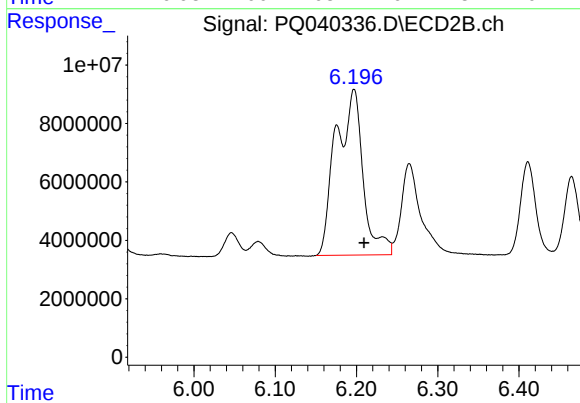
#3 AR-1016-1

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 131783787
Conc: 1027.33 ng/ml



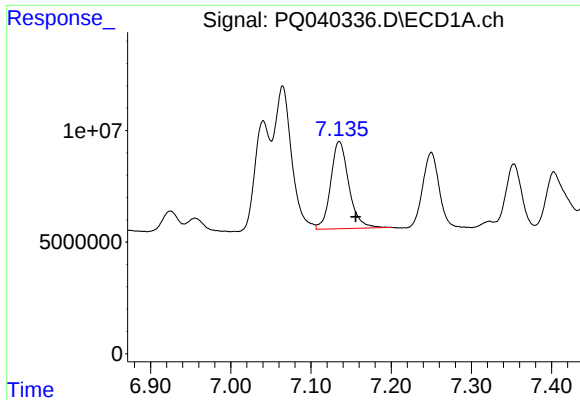
#4 AR-1016-2

R.T.: 7.065 min
Delta R.T.: -0.021 min
Response: 97926454
Conc: 372.48 ng/ml



#4 AR-1016-2

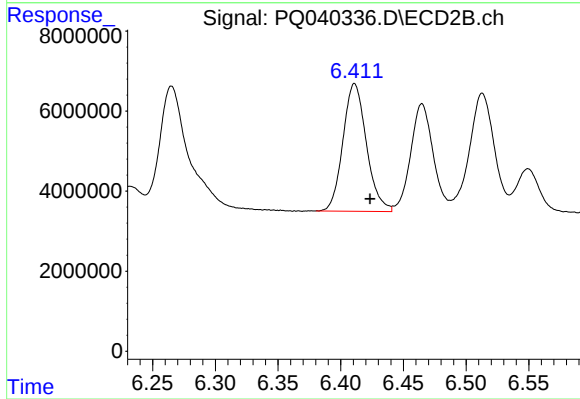
R.T.: 6.197 min
Delta R.T.: -0.012 min
Response: 131783787
Conc: 682.77 ng/ml



#5 AR-1016-3

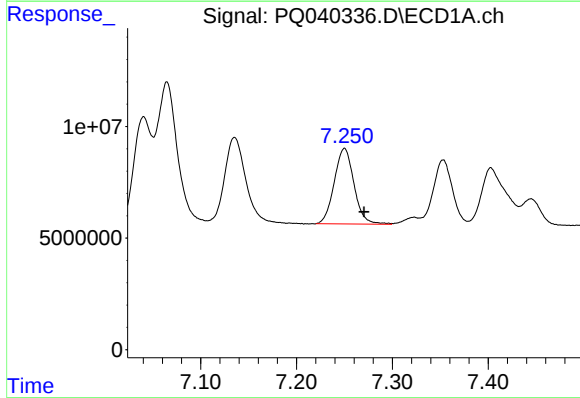
R.T.: 7.135 min
Delta R.T.: -0.020 min
Response: 61607912
Conc: 360.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



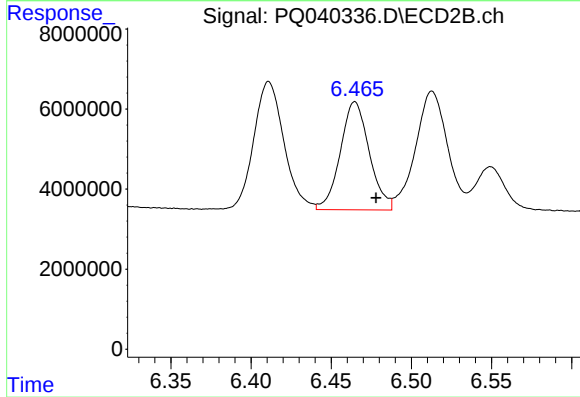
#5 AR-1016-3

R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 41586523
Conc: 385.60 ng/ml



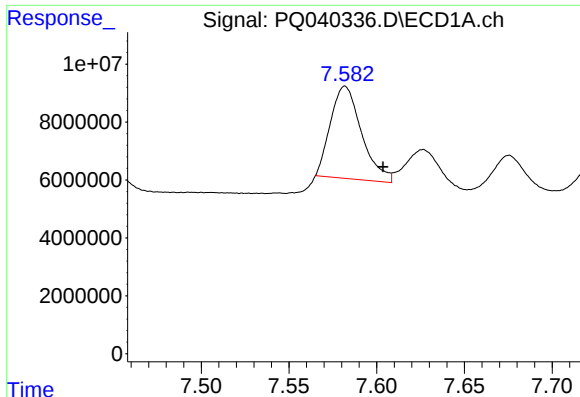
#6 AR-1016-4

R.T.: 7.250 min
Delta R.T.: -0.021 min
Response: 48600802
Conc: 351.61 ng/ml



#6 AR-1016-4

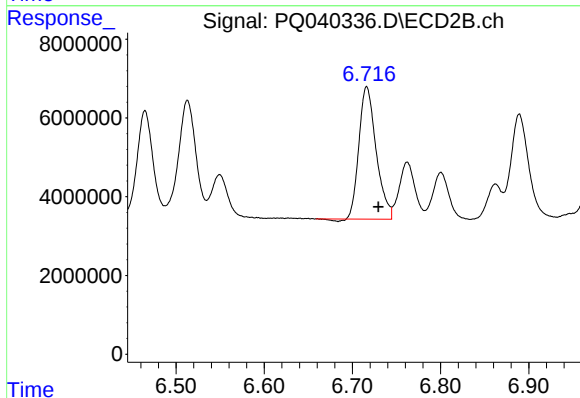
R.T.: 6.465 min
Delta R.T.: -0.013 min
Response: 33981915
Conc: 399.09 ng/ml



#7 AR-1016-5

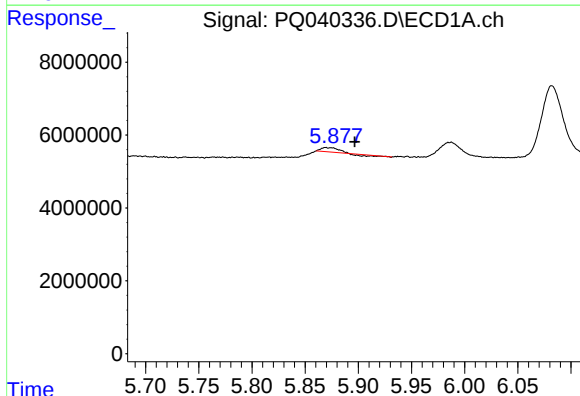
R.T.: 7.582 min
Delta R.T.: -0.022 min
Response: 39250762
Conc: 282.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



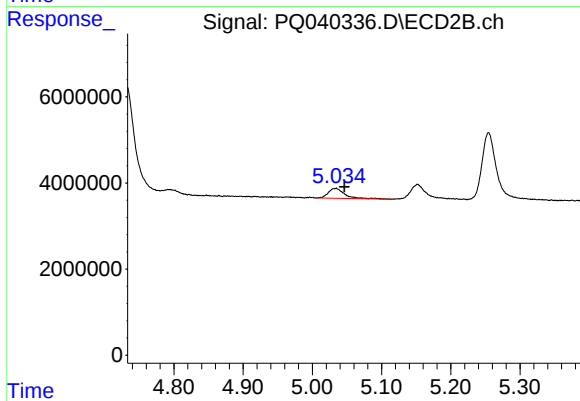
#7 AR-1016-5

R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 45458022
Conc: 394.81 ng/ml



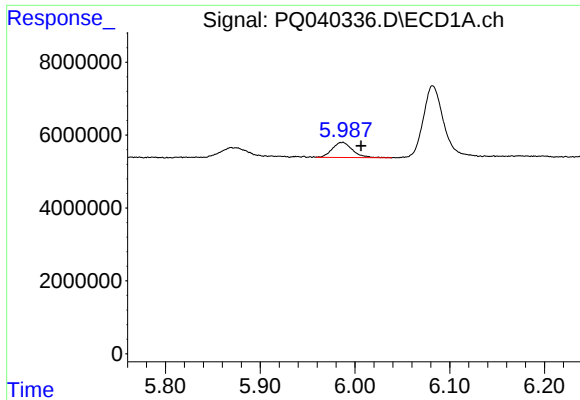
#8 AR-1221-1

R.T.: 5.869 min
Delta R.T.: -0.027 min
Response: 1057302
Conc: 30.17 ng/ml



#8 AR-1221-1

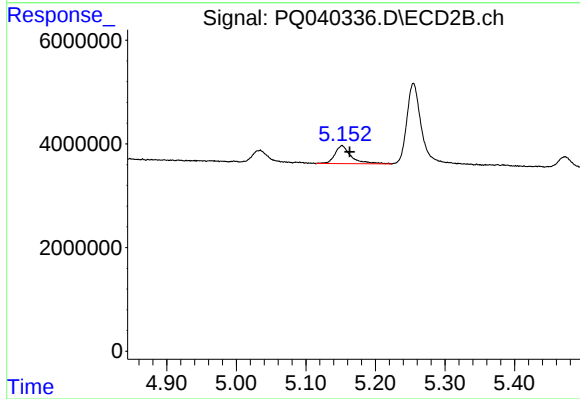
R.T.: 5.033 min
Delta R.T.: -0.013 min
Response: 3872163
Conc: 158.00 ng/ml



#9 AR-1221-2

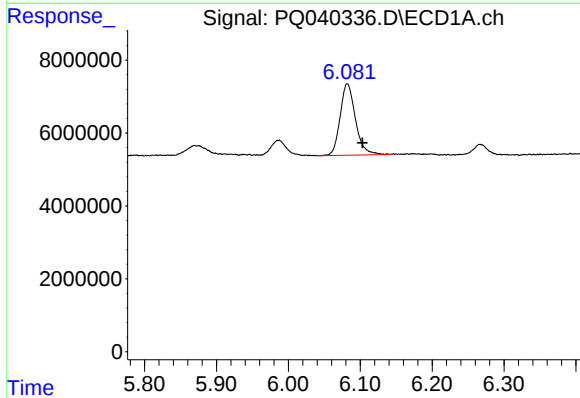
R.T.: 5.987 min
Delta R.T.: -0.020 min
Response: 6118142
Conc: 277.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



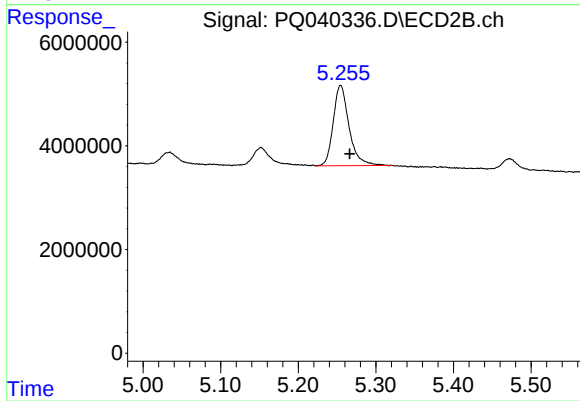
#9 AR-1221-2

R.T.: 5.152 min
Delta R.T.: -0.011 min
Response: 5678703
Conc: 348.65 ng/ml



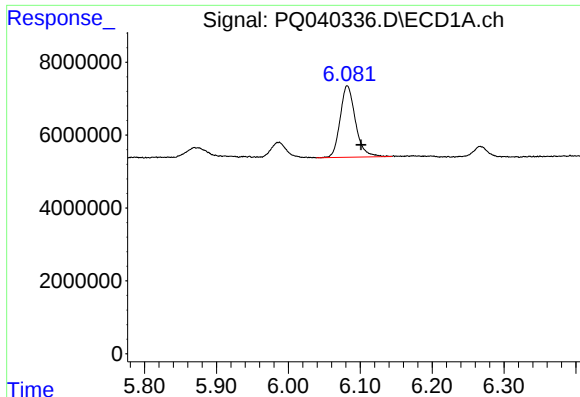
#10 AR-1221-3

R.T.: 6.082 min
Delta R.T.: -0.021 min
Response: 28998153
Conc: 328.25 ng/ml



#10 AR-1221-3

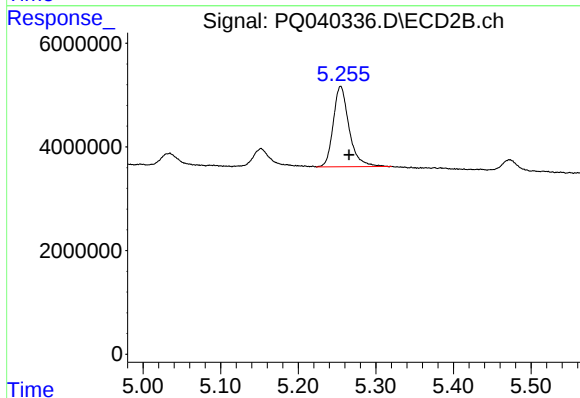
R.T.: 5.255 min
Delta R.T.: -0.012 min
Response: 21981036
Conc: 361.49 ng/ml



#11 AR-1232-1

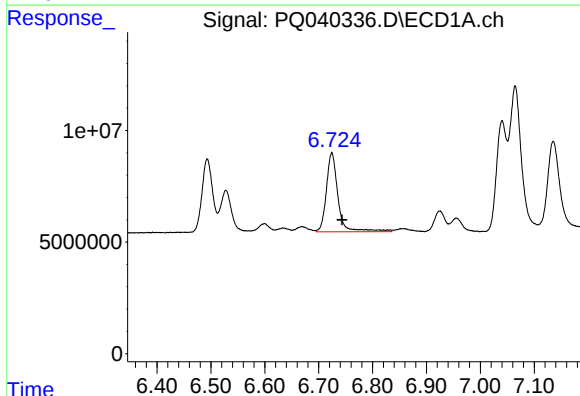
R.T.: 6.082 min
Delta R.T.: -0.019 min
Response: 28998153
Conc: 447.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



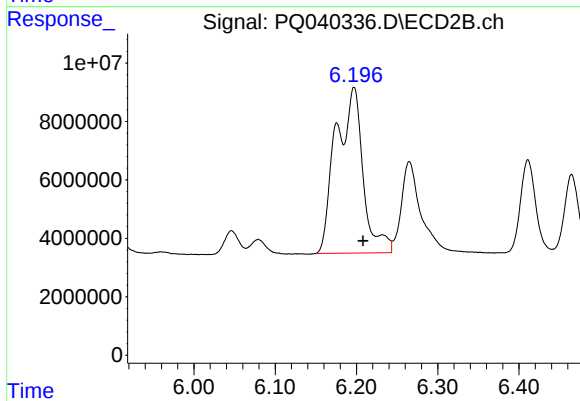
#11 AR-1232-1

R.T.: 5.255 min
Delta R.T.: -0.011 min
Response: 21981036
Conc: 479.69 ng/ml



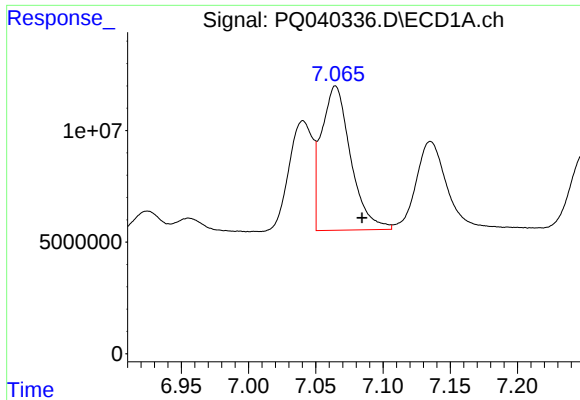
#12 AR-1232-2

R.T.: 6.724 min
Delta R.T.: -0.019 min
Response: 53281684
Conc: 1343.88 ng/ml



#12 AR-1232-2

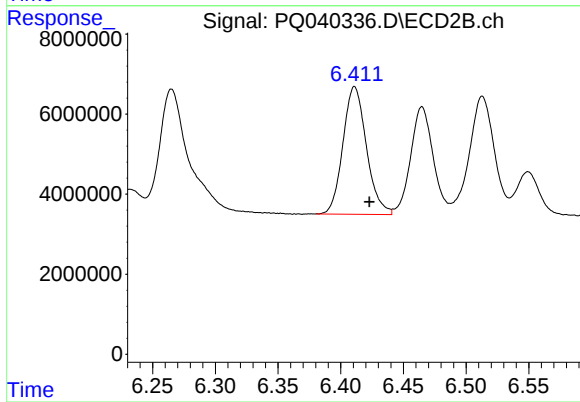
R.T.: 6.197 min
Delta R.T.: -0.011 min
Response: 131783787
Conc: 2196.89 ng/ml



#13 AR-1232-3

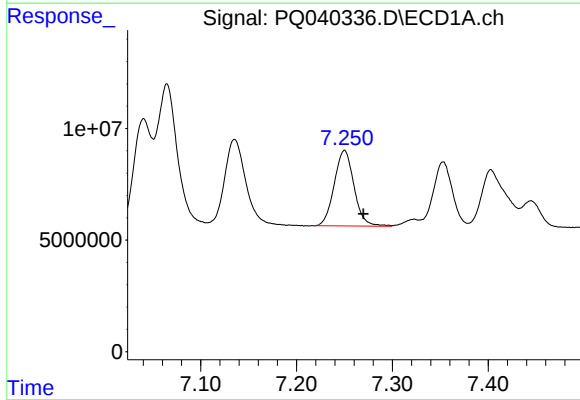
R.T.: 7.065 min
Delta R.T.: -0.020 min
Response: 97926454
Conc: 1211.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



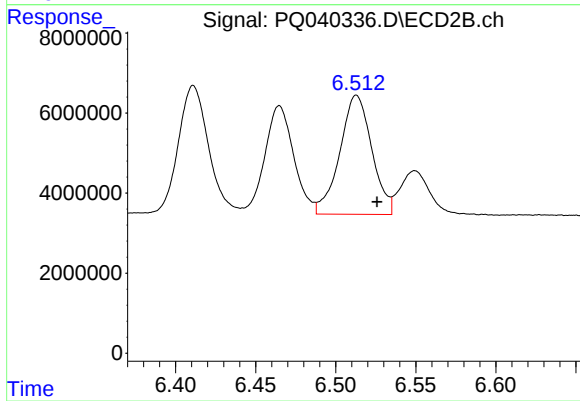
#13 AR-1232-3

R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 41586523
Conc: 1182.52 ng/ml



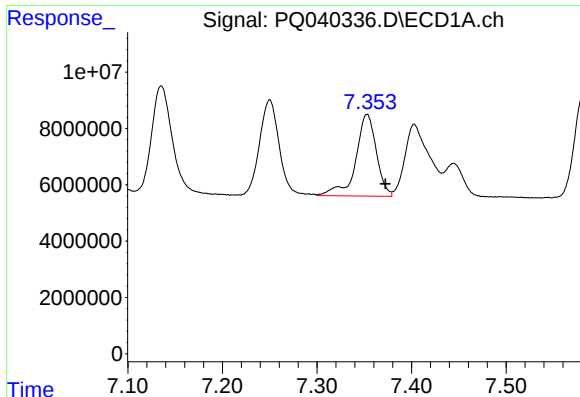
#14 AR-1232-4

R.T.: 7.250 min
Delta R.T.: -0.020 min
Response: 48600802
Conc: 1162.74 ng/ml



#14 AR-1232-4

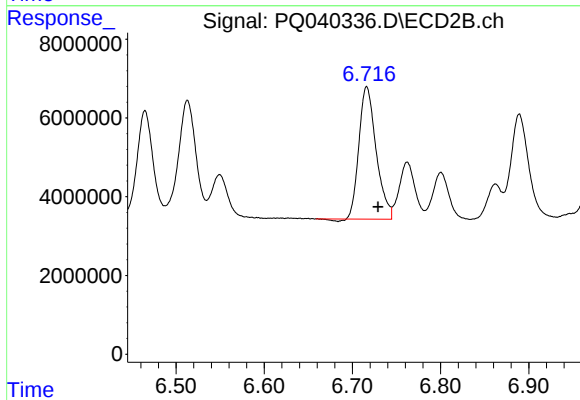
R.T.: 6.513 min
Delta R.T.: -0.013 min
Response: 41383573
Conc: 1400.54 ng/ml



#15 AR-1232-5

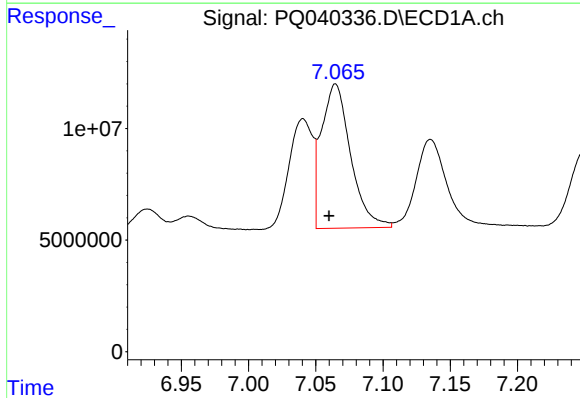
R.T.: 7.353 min
Delta R.T.: -0.019 min
Response: 44107598
Conc: 1391.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



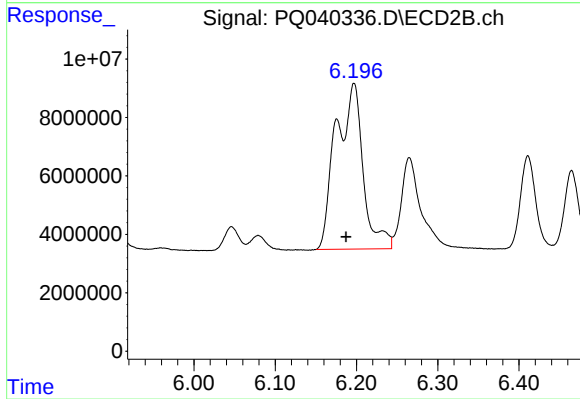
#15 AR-1232-5

R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 45458022
Conc: 1510.01 ng/ml



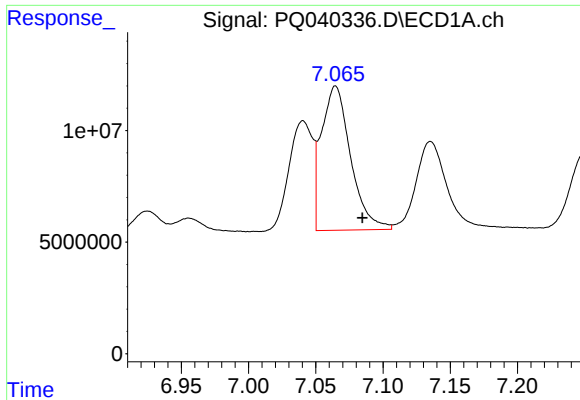
#16 AR-1242-1

R.T.: 7.065 min
Delta R.T.: 0.005 min
Response: 97926454
Conc: 1010.01 ng/ml



#16 AR-1242-1

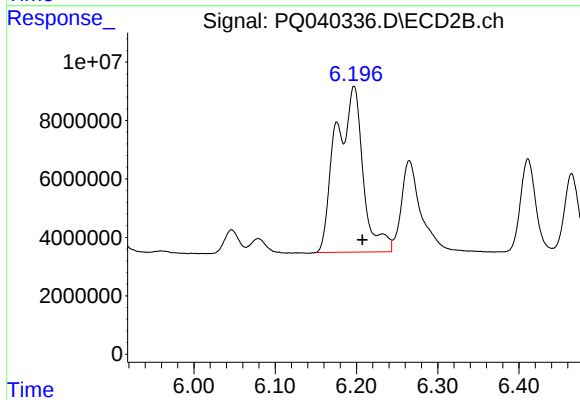
R.T.: 6.197 min
Delta R.T.: 0.010 min
Response: 131783787
Conc: 1782.11 ng/ml



#17 AR-1242-2

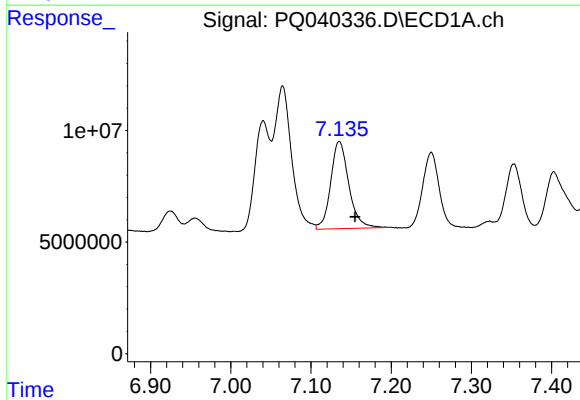
R.T.: 7.065 min
Delta R.T.: -0.020 min
Response: 97926454
Conc: 677.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



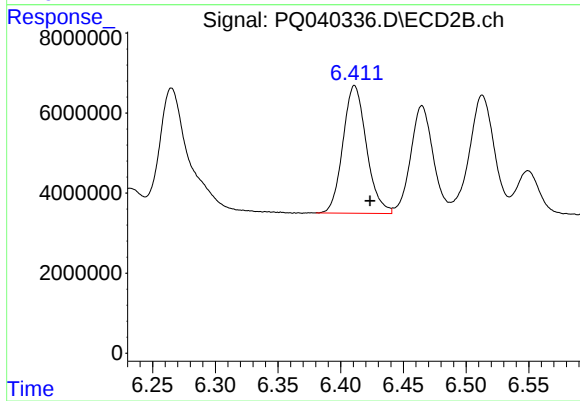
#17 AR-1242-2

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 131783787
Conc: 1237.88 ng/ml



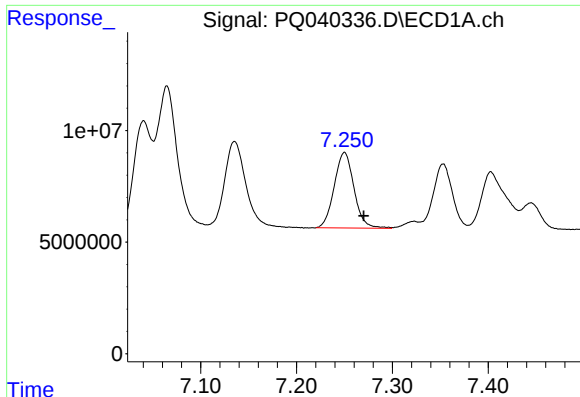
#18 AR-1242-3

R.T.: 7.135 min
Delta R.T.: -0.020 min
Response: 61607912
Conc: 661.81 ng/ml



#18 AR-1242-3

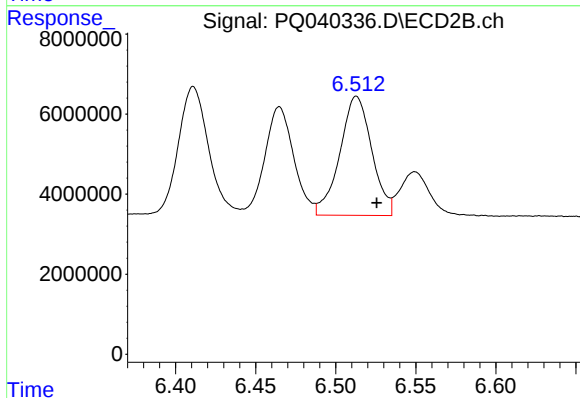
R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 41586523
Conc: 689.38 ng/ml



#19 AR-1242-4

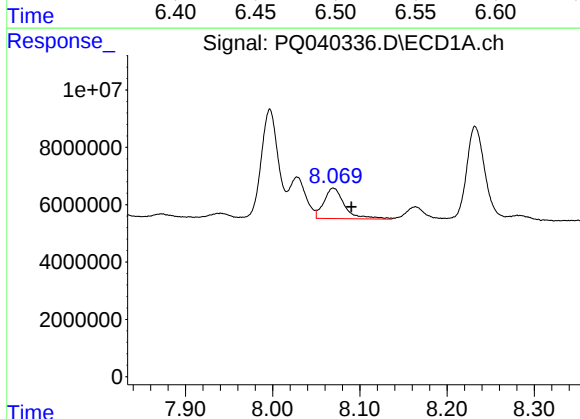
R.T.: 7.250 min
Delta R.T.: -0.020 min
Response: 48600802
Conc: 646.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



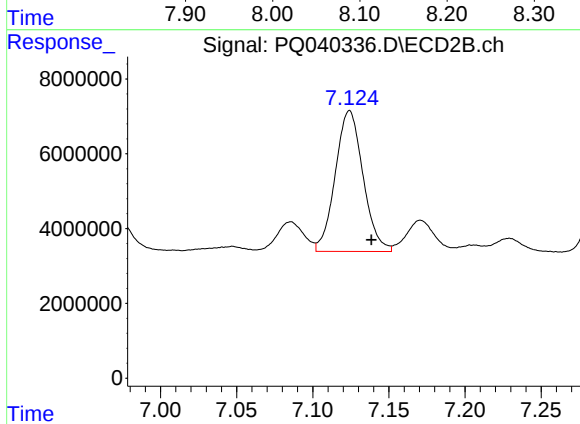
#19 AR-1242-4

R.T.: 6.513 min
Delta R.T.: -0.012 min
Response: 41383573
Conc: 694.35 ng/ml



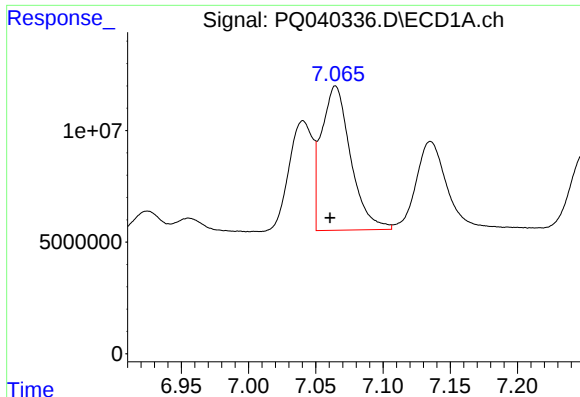
#20 AR-1242-5

R.T.: 8.070 min
Delta R.T.: -0.021 min
Response: 17536830
Conc: 202.29 ng/ml



#20 AR-1242-5

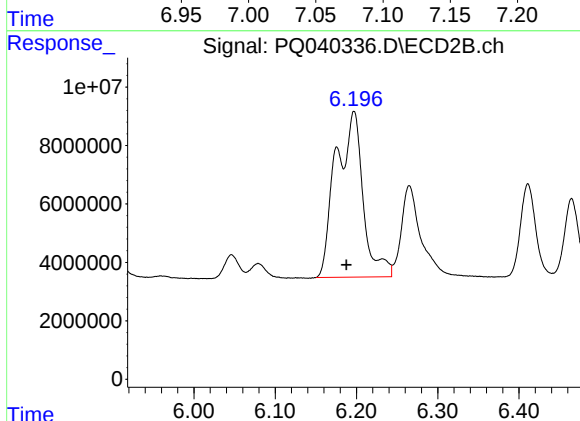
R.T.: 7.124 min
Delta R.T.: -0.014 min
Response: 47868844
Conc: 593.99 ng/ml



#21 AR-1248-1

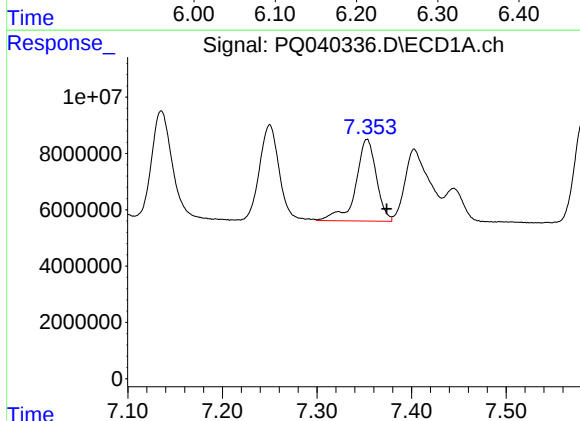
R.T.: 7.065 min
Delta R.T.: 0.004 min
Response: 97926454
Conc: 1265.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



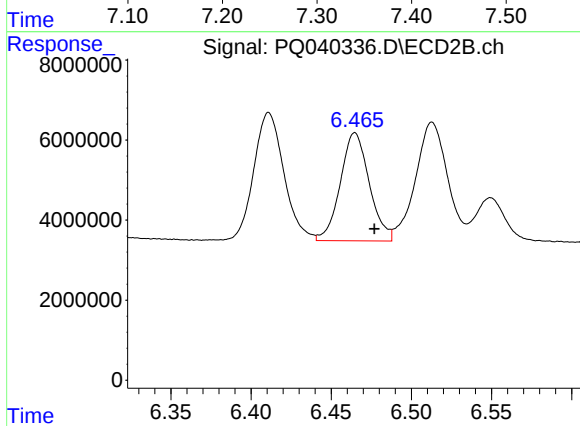
#21 AR-1248-1

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 131783787
Conc: 2286.99 ng/ml



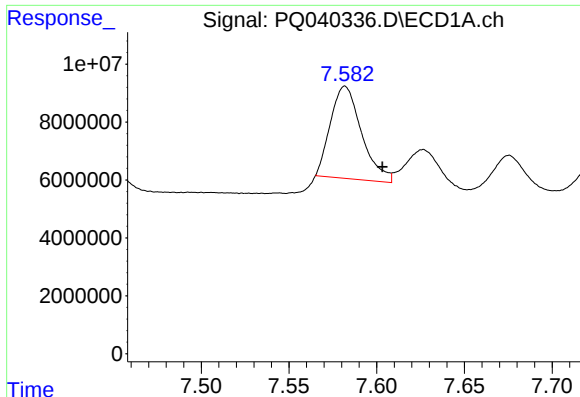
#22 AR-1248-2

R.T.: 7.353 min
Delta R.T.: -0.021 min
Response: 44107598
Conc: 391.61 ng/ml



#22 AR-1248-2

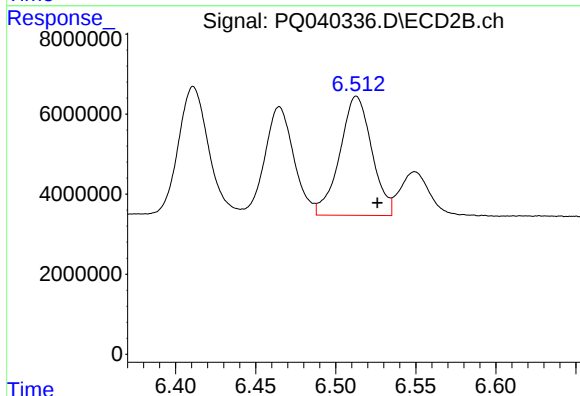
R.T.: 6.465 min
Delta R.T.: -0.012 min
Response: 33981915
Conc: 386.51 ng/ml



#23 AR-1248-3

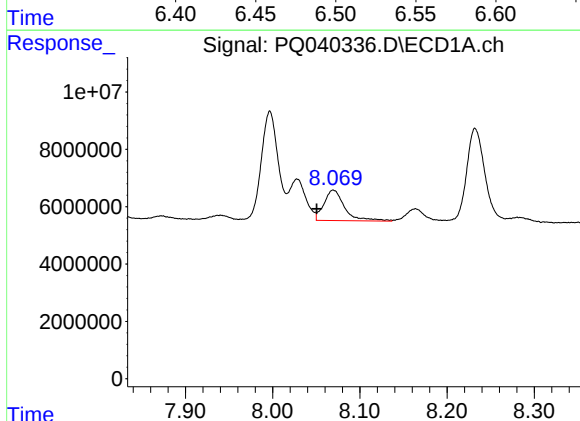
R.T.: 7.582 min
Delta R.T.: -0.021 min
Response: 39250762
Conc: 284.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



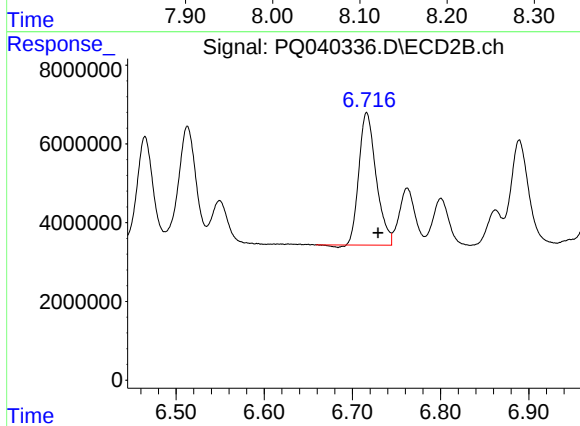
#23 AR-1248-3

R.T.: 6.513 min
Delta R.T.: -0.013 min
Response: 41383573
Conc: 457.36 ng/ml



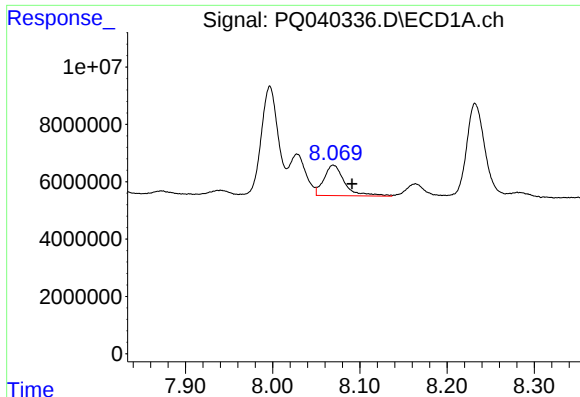
#24 AR-1248-4

R.T.: 8.070 min
Delta R.T.: 0.019 min
Response: 17536830
Conc: 116.16 ng/ml



#24 AR-1248-4

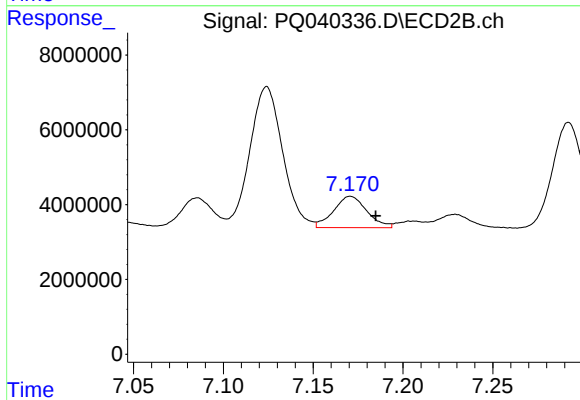
R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 45458022
Conc: 411.65 ng/ml



#25 AR-1248-5

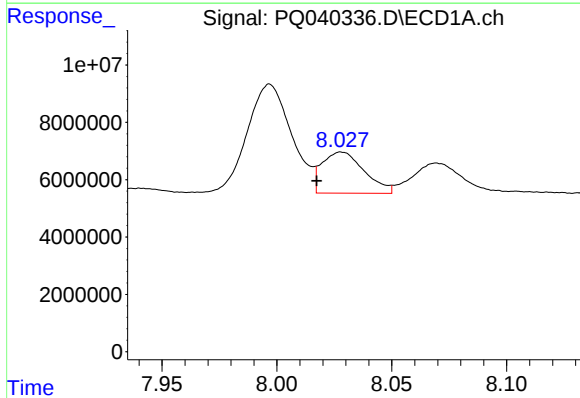
R.T.: 8.070 min
Delta R.T.: -0.021 min
Response: 17536830
Conc: 116.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



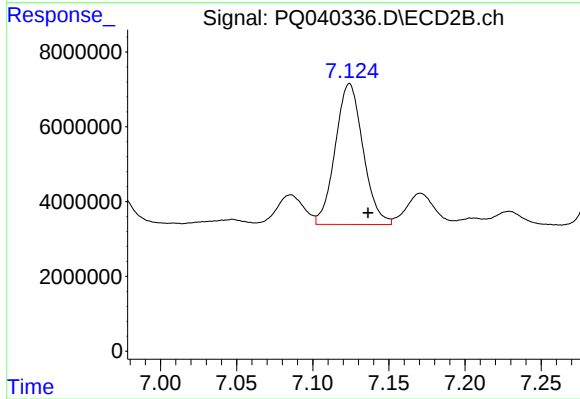
#25 AR-1248-5

R.T.: 7.171 min
Delta R.T.: -0.014 min
Response: 10850128
Conc: 95.57 ng/ml



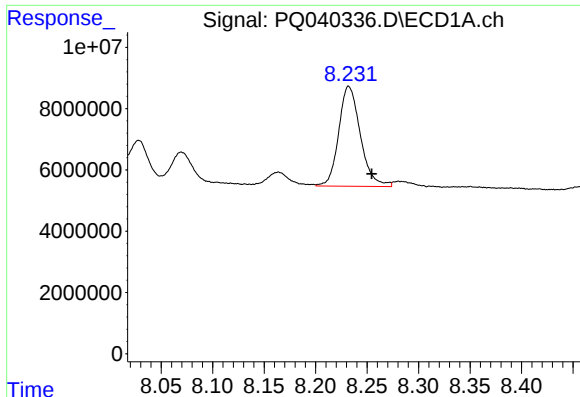
#26 AR-1254-1

R.T.: 8.028 min
Delta R.T.: 0.011 min
Response: 18340212
Conc: 105.17 ng/ml



#26 AR-1254-1

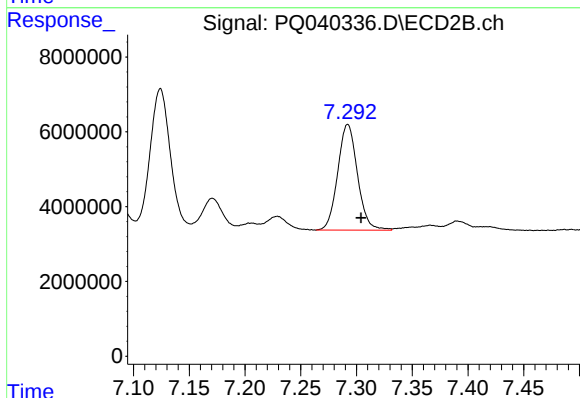
R.T.: 7.124 min
Delta R.T.: -0.012 min
Response: 47868844
Conc: 249.92 ng/ml



#27 AR-1254-2

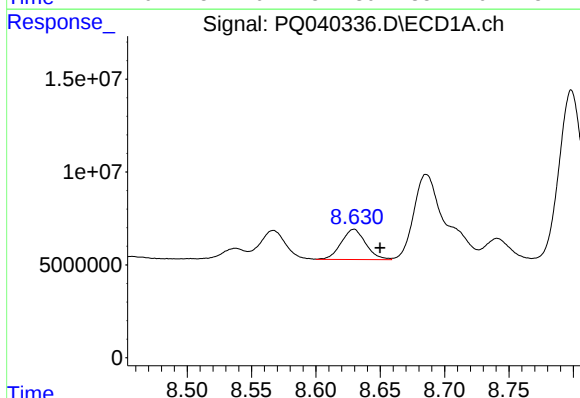
R.T.: 8.232 min
Delta R.T.: -0.022 min
Response: 47774656
Conc: 172.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



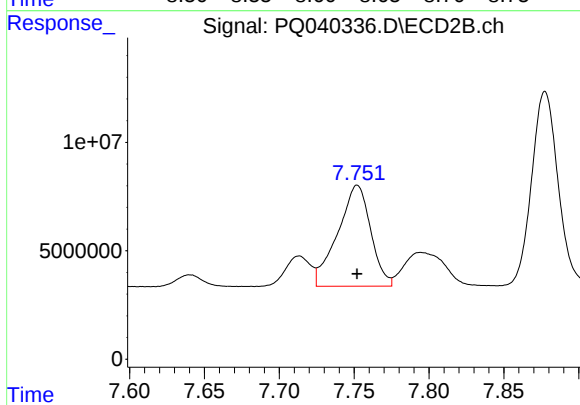
#27 AR-1254-2

R.T.: 7.292 min
Delta R.T.: -0.012 min
Response: 34895323
Conc: 200.86 ng/ml



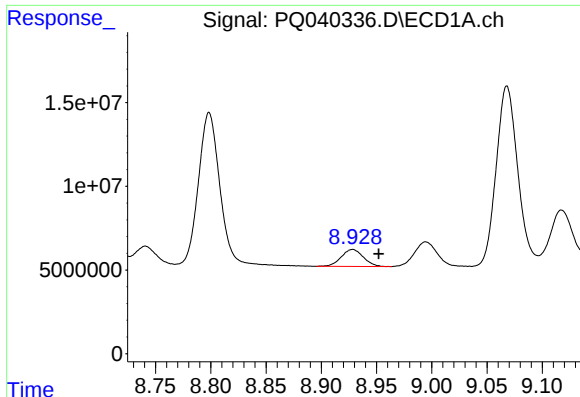
#28 AR-1254-3

R.T.: 8.629 min
Delta R.T.: -0.020 min
Response: 21611250
Conc: 72.82 ng/ml



#28 AR-1254-3

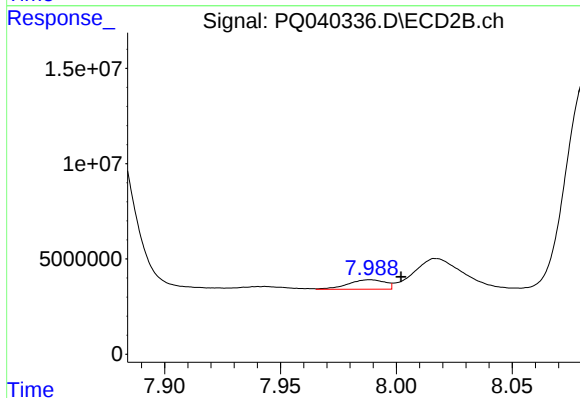
R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 71398640
Conc: 247.07 ng/ml



#29 AR-1254-4

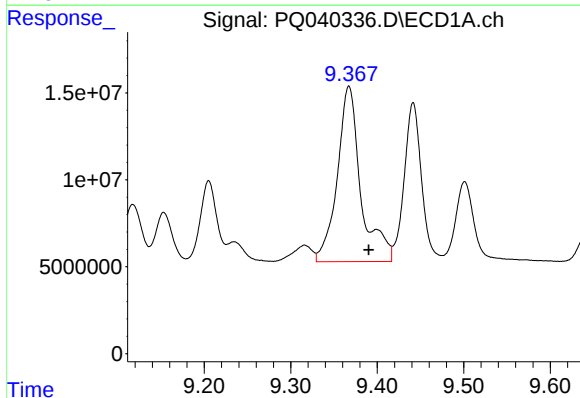
R.T.: 8.928 min
Delta R.T.: -0.024 min
Response: 14115997
Conc: 67.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



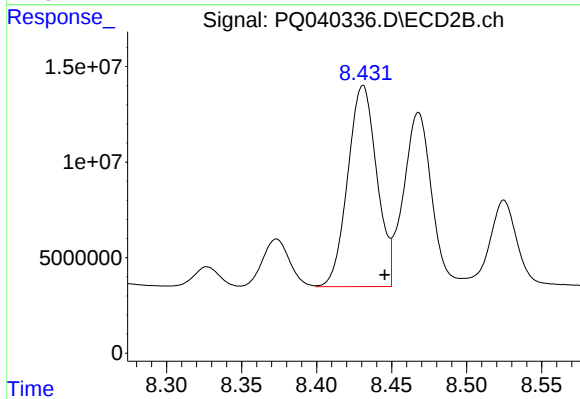
#29 AR-1254-4

R.T.: 7.989 min
Delta R.T.: -0.013 min
Response: 5515858
Conc: 30.89 ng/ml



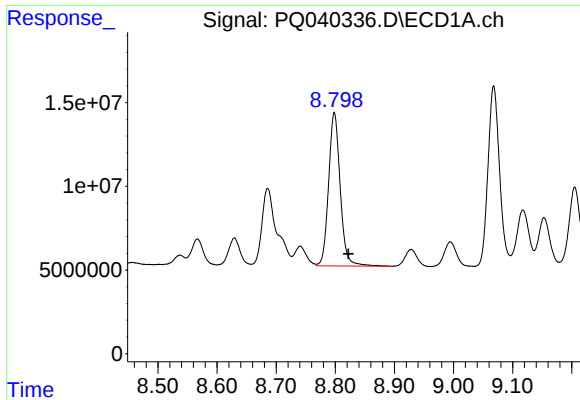
#30 AR-1254-5

R.T.: 9.367 min
Delta R.T.: -0.023 min
Response: 190780212
Conc: 662.45 ng/ml



#30 AR-1254-5

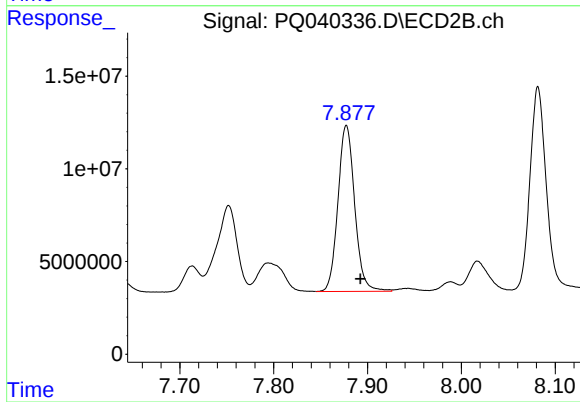
R.T.: 8.431 min
Delta R.T.: -0.015 min
Response: 141896529
Conc: 550.78 ng/ml



#31 AR-1260-1

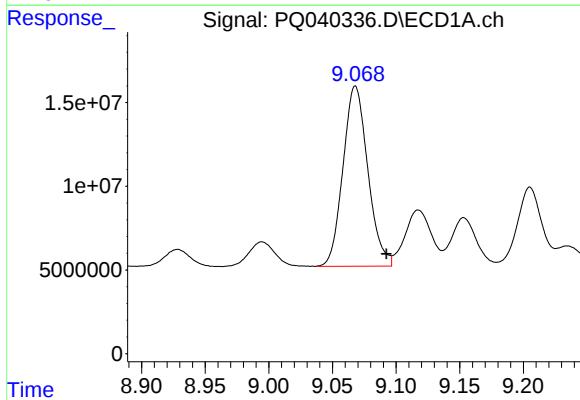
R.T.: 8.798 min
Delta R.T.: -0.024 min
Response: 125317572
Conc: 377.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



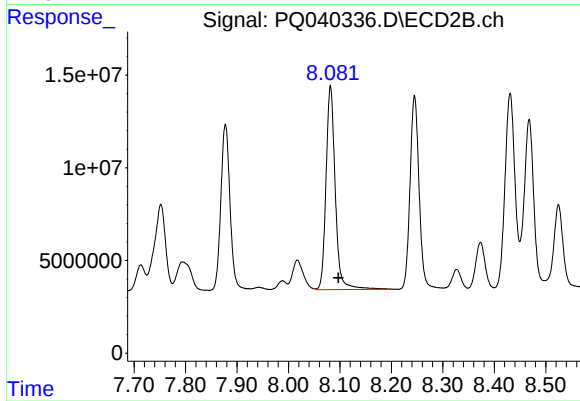
#31 AR-1260-1

R.T.: 7.878 min
Delta R.T.: -0.015 min
Response: 111004013
Conc: 404.92 ng/ml



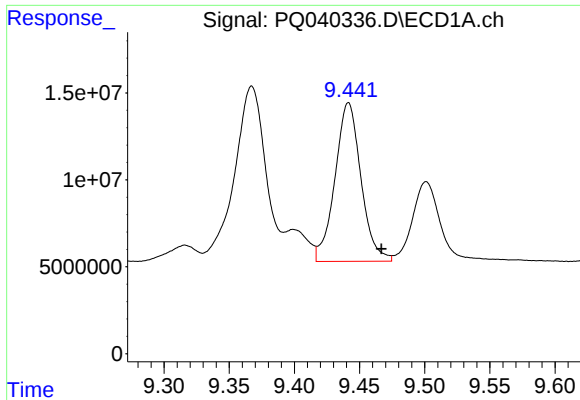
#32 AR-1260-2

R.T.: 9.068 min
Delta R.T.: -0.024 min
Response: 146080597
Conc: 361.61 ng/ml



#32 AR-1260-2

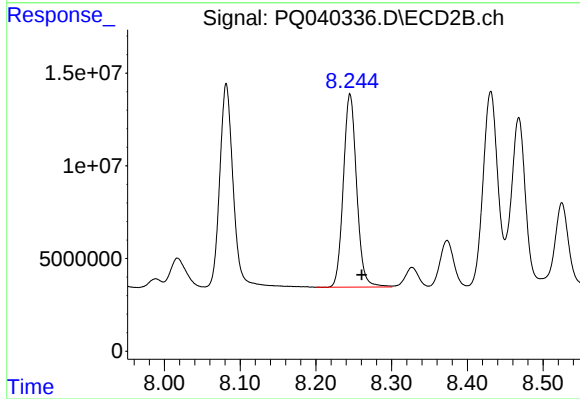
R.T.: 8.082 min
Delta R.T.: -0.016 min
Response: 136872267
Conc: 395.68 ng/ml



#33 AR-1260-3

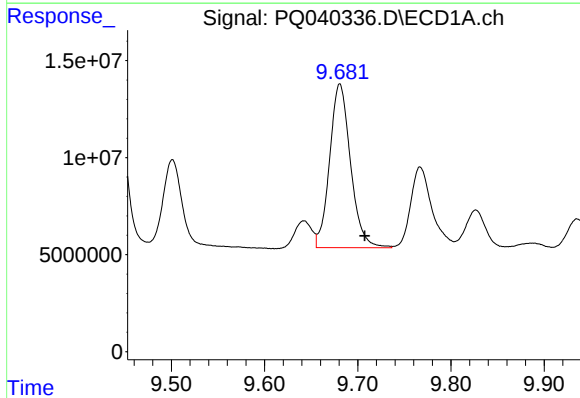
R.T.: 9.441 min
Delta R.T.: -0.025 min
Response: 126803086
Conc: 384.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



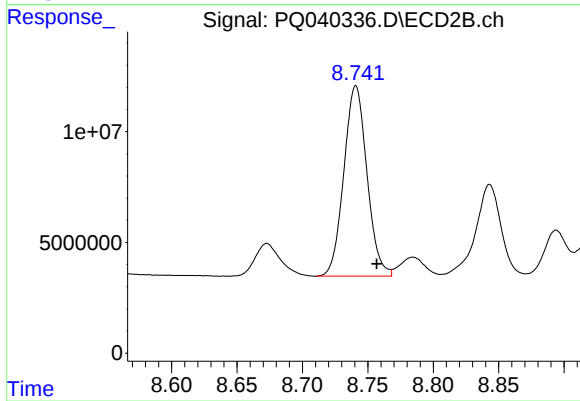
#33 AR-1260-3

R.T.: 8.245 min
Delta R.T.: -0.015 min
Response: 127139488
Conc: 396.44 ng/ml



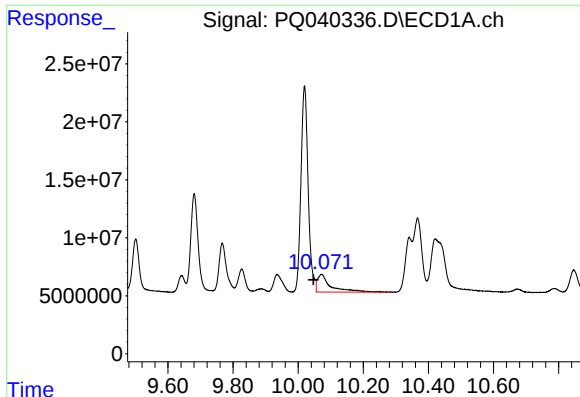
#34 AR-1260-4

R.T.: 9.681 min
Delta R.T.: -0.027 min
Response: 131539496
Conc: 356.93 ng/ml



#34 AR-1260-4

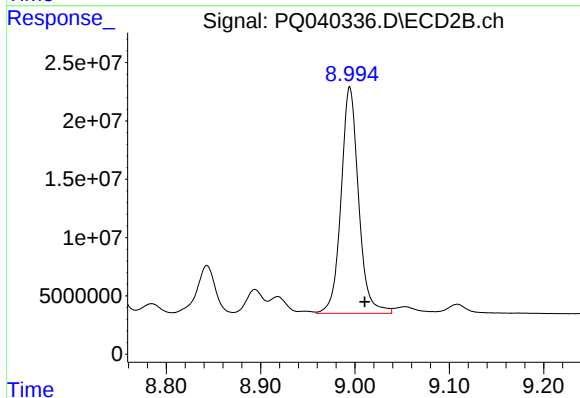
R.T.: 8.741 min
Delta R.T.: -0.016 min
Response: 105718133
Conc: 389.07 ng/ml



#35 AR-1260-5

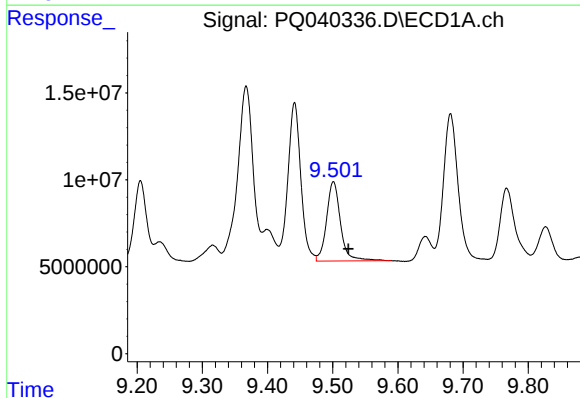
R.T.: 10.072 min
Delta R.T.: 0.025 min
Response: 44747956
Conc: 58.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



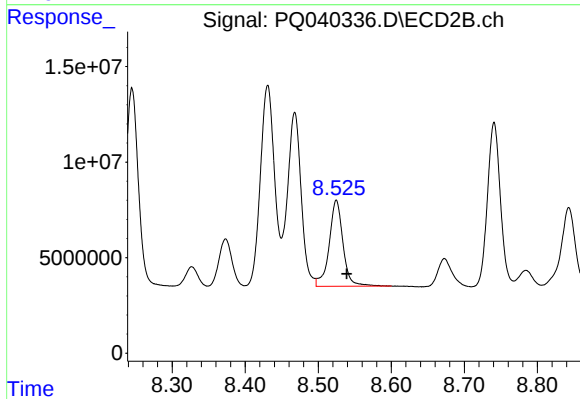
#35 AR-1260-5

R.T.: 8.995 min
Delta R.T.: -0.016 min
Response: 250583896
Conc: 372.79 ng/ml



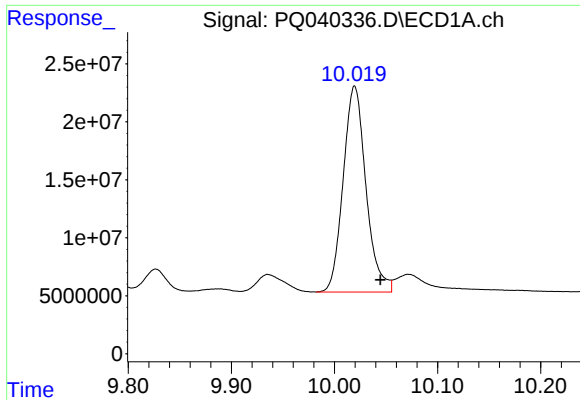
#36 AR-1262-1

R.T.: 9.501 min
Delta R.T.: -0.023 min
Response: 68032106
Conc: 489.39 ng/ml



#36 AR-1262-1

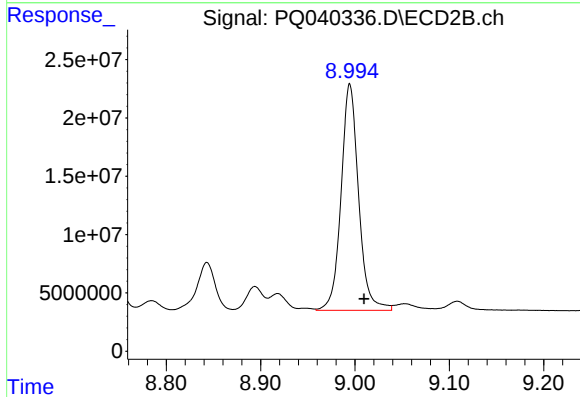
R.T.: 8.525 min
Delta R.T.: -0.014 min
Response: 59367166
Conc: 522.84 ng/ml



#37 AR-1262-2

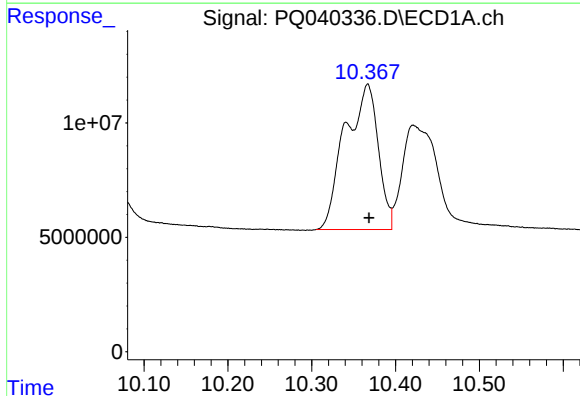
R.T.: 10.020 min
Delta R.T.: -0.025 min
Response: 272613717
Conc: 471.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



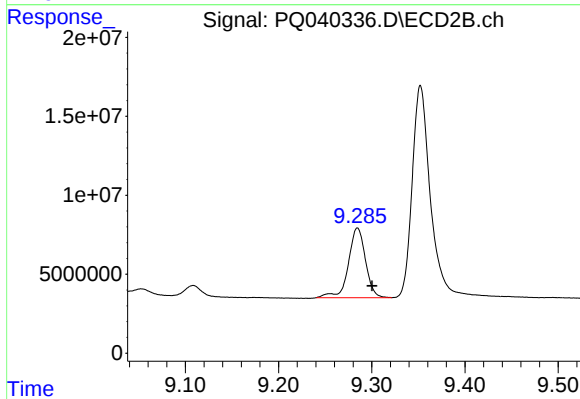
#37 AR-1262-2

R.T.: 8.995 min
Delta R.T.: -0.015 min
Response: 250583896
Conc: 505.07 ng/ml



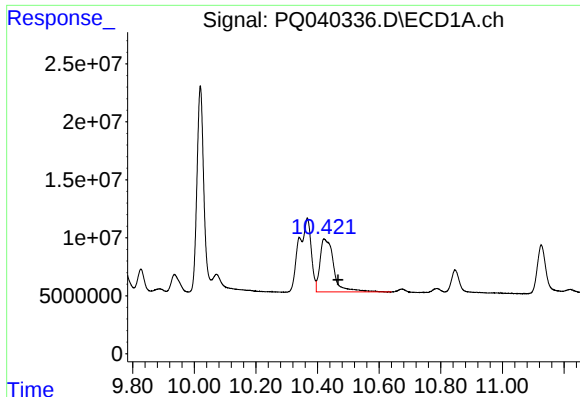
#38 AR-1262-3

R.T.: 10.367 min
Delta R.T.: -0.002 min
Response: 174814335
Conc: 413.45 ng/ml



#38 AR-1262-3

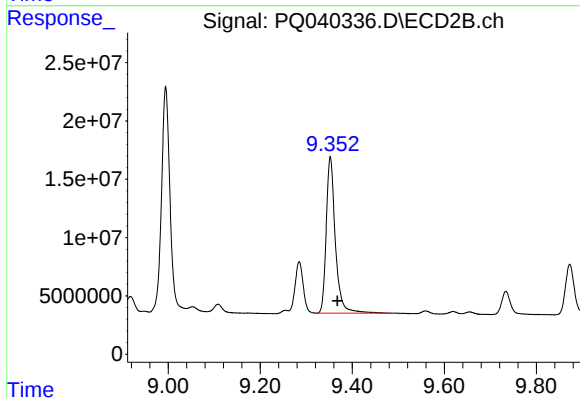
R.T.: 9.285 min
Delta R.T.: -0.015 min
Response: 56183823
Conc: 267.22 ng/ml



#39 AR-1262-4

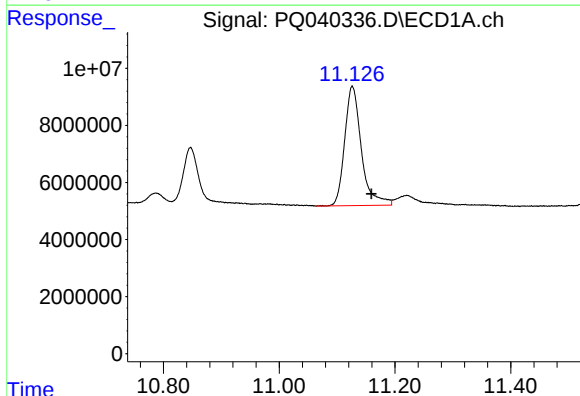
R.T.: 10.422 min
Delta R.T.: -0.045 min
Response: 141953119
Conc: 375.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



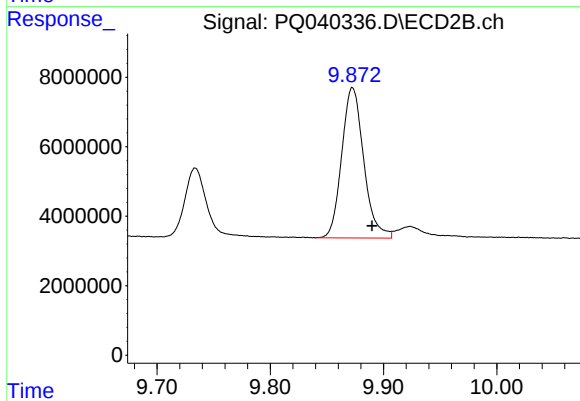
#39 AR-1262-4

R.T.: 9.352 min
Delta R.T.: -0.016 min
Response: 184937987
Conc: 488.45 ng/ml



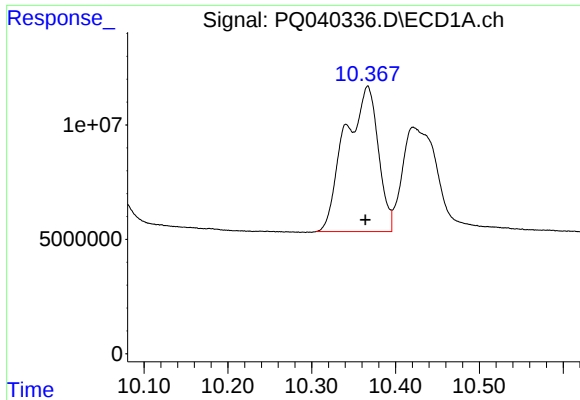
#40 AR-1262-5

R.T.: 11.126 min
Delta R.T.: -0.033 min
Response: 83866411
Conc: 356.94 ng/ml



#40 AR-1262-5

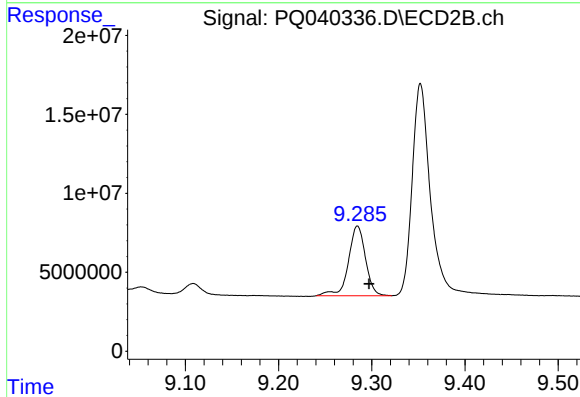
R.T.: 9.873 min
Delta R.T.: -0.017 min
Response: 58404087
Conc: 360.23 ng/ml



#41 AR-1268-1

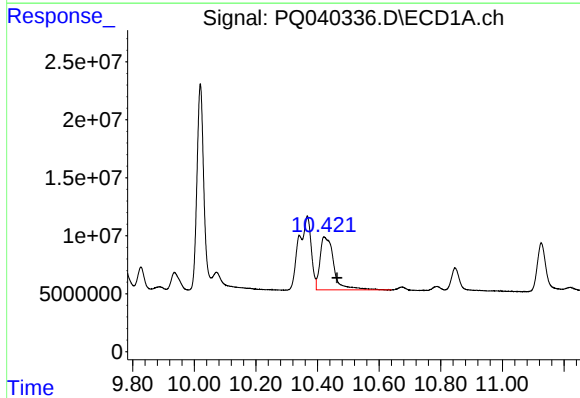
R.T.: 10.367 min
Delta R.T.: 0.003 min
Response: 174814335
Conc: 290.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



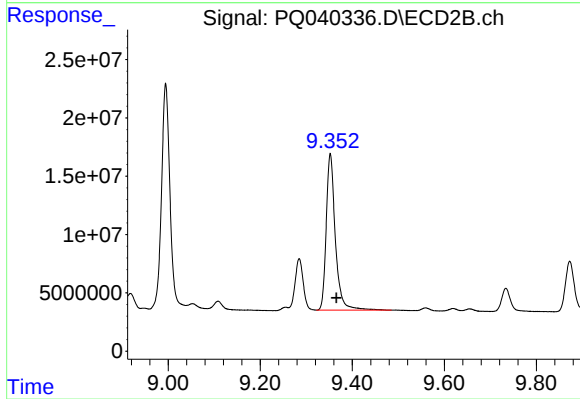
#41 AR-1268-1

R.T.: 9.285 min
Delta R.T.: -0.012 min
Response: 56183823
Conc: 123.12 ng/ml



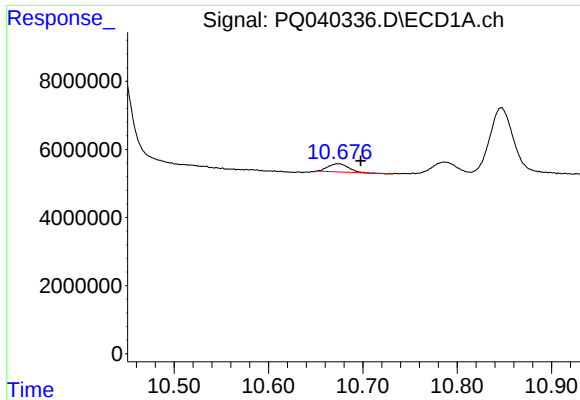
#42 AR-1268-2

R.T.: 10.422 min
Delta R.T.: -0.042 min
Response: 141953119
Conc: 230.70 ng/ml



#42 AR-1268-2

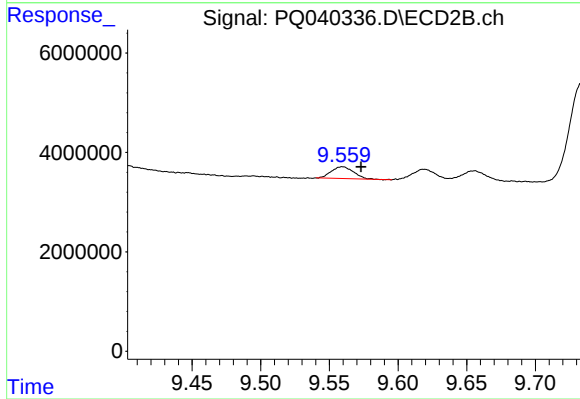
R.T.: 9.352 min
Delta R.T.: -0.013 min
Response: 184937987
Conc: 423.02 ng/ml



#43 AR-1268-3

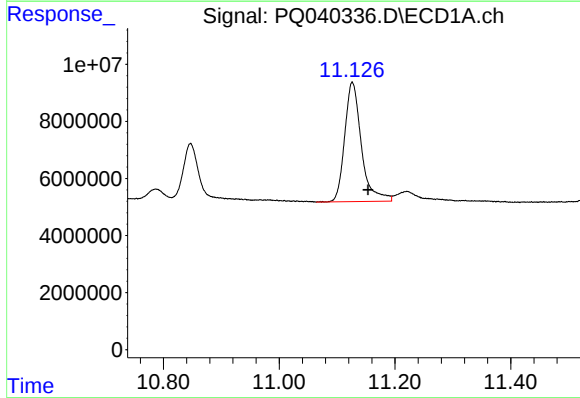
R.T.: 10.674 min
Delta R.T.: -0.024 min
Response: 3661354
Conc: 6.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



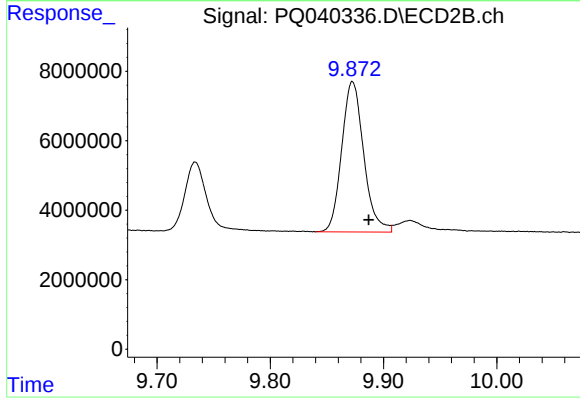
#43 AR-1268-3

R.T.: 9.559 min
Delta R.T.: -0.014 min
Response: 2708381
Conc: 7.21 ng/ml



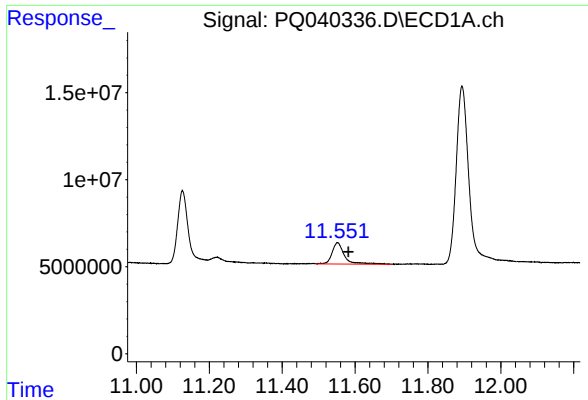
#44 AR-1268-4

R.T.: 11.126 min
Delta R.T.: -0.027 min
Response: 83866411
Conc: 411.18 ng/ml



#44 AR-1268-4

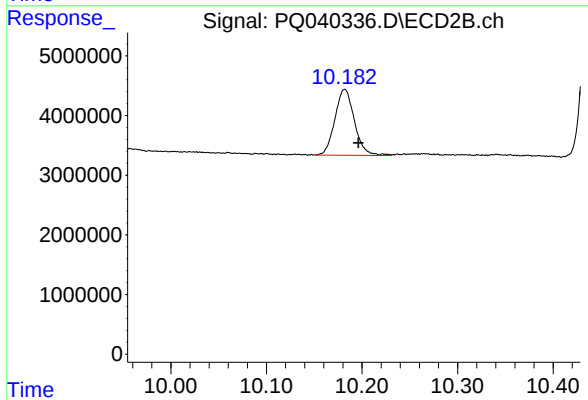
R.T.: 9.873 min
Delta R.T.: -0.014 min
Response: 58404087
Conc: 423.88 ng/ml



#45 AR-1268-5

R.T.: 11.552 min
Delta R.T.: -0.030 min
Response: 28893134
Conc: 15.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660343



#45 AR-1268-5

R.T.: 10.182 min
Delta R.T.: -0.014 min
Response: 15643608
Conc: 13.25 ng/ml