

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 21:32
 Operator : SM\AJ
 Sample : K3021-21
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMP7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 23:17:18 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...	5.602	4.737	68450773	45330782	20.895	21.106
2)	SA Decachlor...	11.915	10.459	191.3E6	100.4E6	26.774	24.150
Target Compounds							
3)	L1 AR-1016-1	7.051	6.204	77667617	148.5E6	464.263	1157.917 #
4)	L1 AR-1016-2	7.075	6.204	162.2E6	148.5E6	617.130	769.561
5)	L1 AR-1016-3	7.149	6.419	16774342	40937412	98.280	379.579 #
6)	L1 AR-1016-4	7.256	6.471	48505845	263.2E6	350.922	3090.535 #
7)	L1 AR-1016-5	7.592	6.723	326.6E6	274.7E6	2354.560	2386.216
8)	L2 AR-1221-1	0.000	5.037	0	1087029	N.D.	44.356 #
9)	L2 AR-1221-2	0.000	5.156	0	1684776	N.D.	103.438 #
10)	L2 AR-1221-3	0.000	5.259	0	903446	N.D.	14.858 #
11)	L3 AR-1232-1	0.000	5.259	0	903446	N.D.	19.716 #
12)	L3 AR-1232-2	6.734	6.204	20693605	148.5E6	521.938	2476.142 #
13)	L3 AR-1232-3	7.075	6.419	162.2E6	40937412	2007.674	1164.059 #
14)	L3 AR-1232-4	7.256	6.520	48505845	233.9E6	1160.471	7916.148 #
15)	L3 AR-1232-5	7.363	6.723	363.2E6	274.7E6	11458.655	9126.557
16)	L4 AR-1242-1	7.051	6.204	77667617	148.5E6	801.061	2008.641 #
17)	L4 AR-1242-2	7.075	6.204	162.2E6	148.5E6	1122.659	1395.227
18)	L4 AR-1242-3	7.149	6.419	16774342	40937412	180.194	678.621 #
19)	L4 AR-1242-4	7.256	6.520	48505845	233.9E6	644.934	3924.611 #
20)	L4 AR-1242-5	8.080	7.132	750.6E6	606.2E6	8657.501	7521.842
21)	L5 AR-1248-1	7.051	6.204	77667617	148.5E6	1003.426	2577.690 #
22)	L5 AR-1248-2	7.363	6.471	363.2E6	263.2E6	3224.244	2993.148
23)	L5 AR-1248-3	7.592	6.520	326.6E6	233.9E6	2366.458	2585.095
24)	L5 AR-1248-4	8.038	6.723	631.2E6	274.7E6	4180.901	2488.008 #
25)	L5 AR-1248-5	8.080	7.179	750.6E6	612.5E6	4985.105	5394.643
26)	L6 AR-1254-1	8.007	7.132	396.9E6	606.2E6	2276.032	3164.801 #
27)	L6 AR-1254-2	8.249	7.300	719.0E6	268.4E6	2599.833	1544.646 #
28)	L6 AR-1254-3	8.640	7.746	565.8E6	508.2E6	1906.291	1758.731
29)	L6 AR-1254-4	8.941	7.996	358.1E6	330.1E6	1723.125	1849.034
30)	L6 AR-1254-5	9.378	8.439	260.3E6	183.2E6	903.775	711.090
31)	L7 AR-1260-1	8.809	7.884	118.2E6	103.0E6	355.678	375.628
32)	L7 AR-1260-2	9.078	8.090	150.6E6	83618692	372.775	241.731 #
33)	L7 AR-1260-3	9.451	8.253	63086309	71662673	191.235	223.454
34)	L7 AR-1260-4	9.688	8.749	105.5E6	41823506	286.188	153.922 #
35)	L7 AR-1260-5	10.031	9.003	123.1E6	115.7E6	159.879	172.098
36)	L8 AR-1262-1	9.512	8.533	20588912	37562475	148.107	330.811 #
37)	L8 AR-1262-2	10.031	9.003	123.1E6	115.7E6	212.729	233.161
38)	L8 AR-1262-3	10.356	9.294	26494077	16276086	62.661	77.412
39)	L8 AR-1262-4	10.435	9.361	50617149	72143971	134.015	190.542 #
40)	L8 AR-1262-5	11.144	9.883	38057668	24559909	161.975	151.481
41)	L9 AR-1268-1	10.356	9.294	26494077	16276086	43.983	35.667

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
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 Acq On : 24 May 2019 21:32
 Operator : SM\AJ
 Sample : K3021-21
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

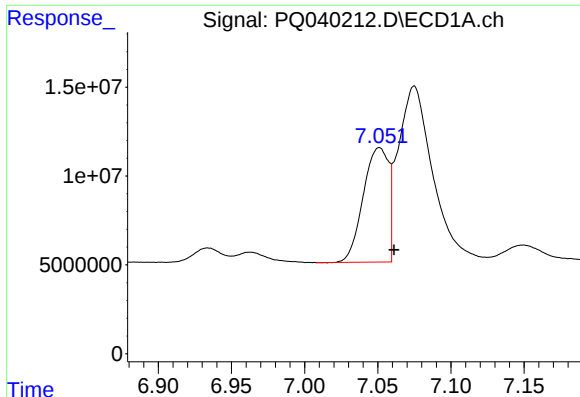
Instrument :
 ECD_Q
 ClientSampleId :
 ETMP7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 23:17:18 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	10.435	9.361	50617149	72143971	82.262	165.019 #
43) L9	AR-1268-3	0.000	9.569	0	1816656	N.D.	4.839 #
44) L9	AR-1268-4	11.144	9.883	38057668	24559909	186.591	178.249
45) L9	AR-1268-5	11.569	10.192	14255778	8103875	7.715	6.867

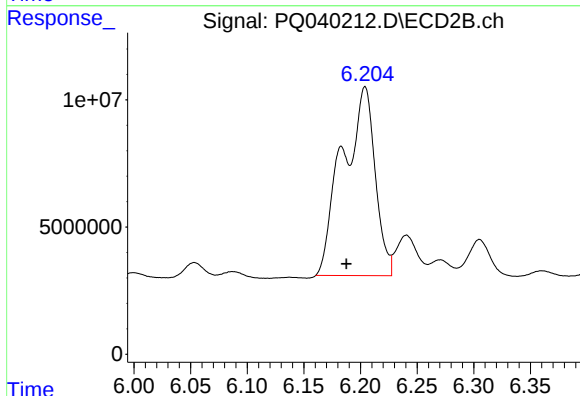
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

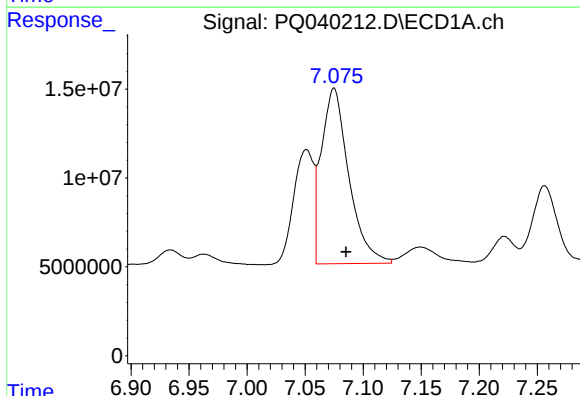
R.T.: 7.051 min
Delta R.T.: -0.010 min
Response: 77667617
Conc: 464.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



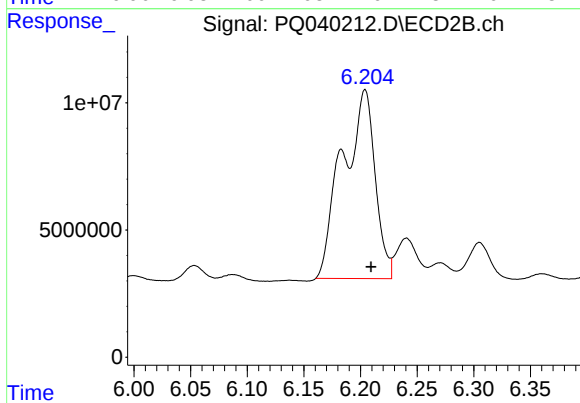
#3 AR-1016-1

R.T.: 6.204 min
Delta R.T.: 0.016 min
Response: 148535107
Conc: 1157.92 ng/ml



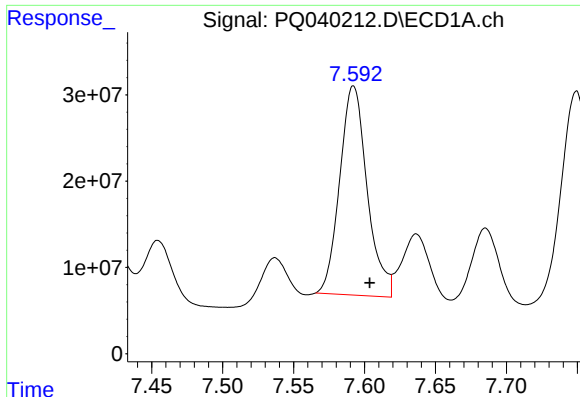
#4 AR-1016-2

R.T.: 7.075 min
Delta R.T.: -0.010 min
Response: 162244629
Conc: 617.13 ng/ml



#4 AR-1016-2

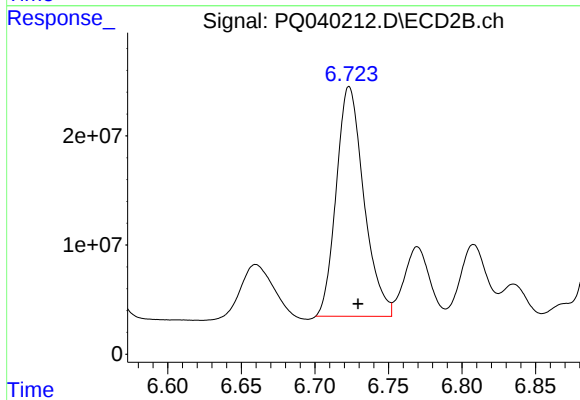
R.T.: 6.204 min
Delta R.T.: -0.005 min
Response: 148535107
Conc: 769.56 ng/ml



#7 AR-1016-5

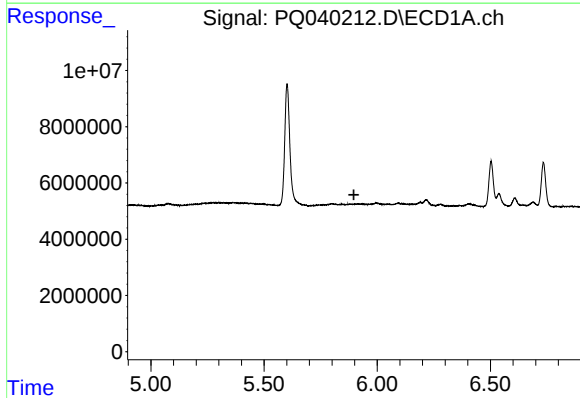
R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 326635224
Conc: 2354.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



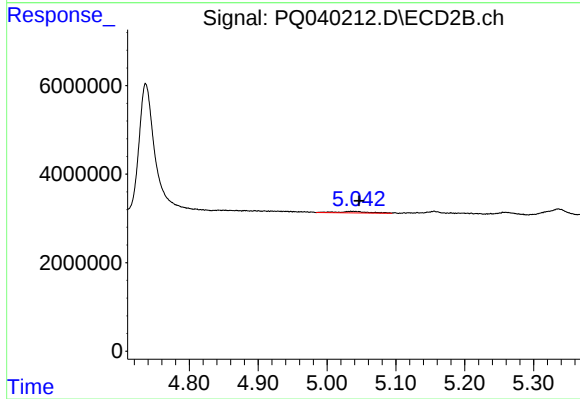
#7 AR-1016-5

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 274749332
Conc: 2386.22 ng/ml



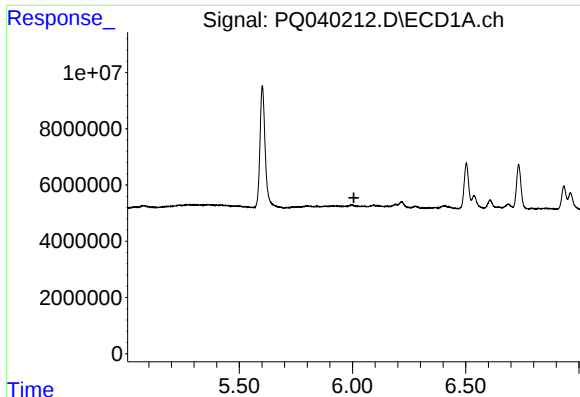
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

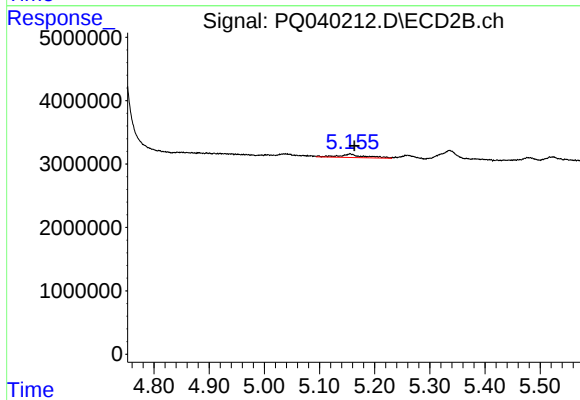
R.T.: 5.037 min
Delta R.T.: -0.009 min
Response: 1087029
Conc: 44.36 ng/ml



#9 AR-1221-2

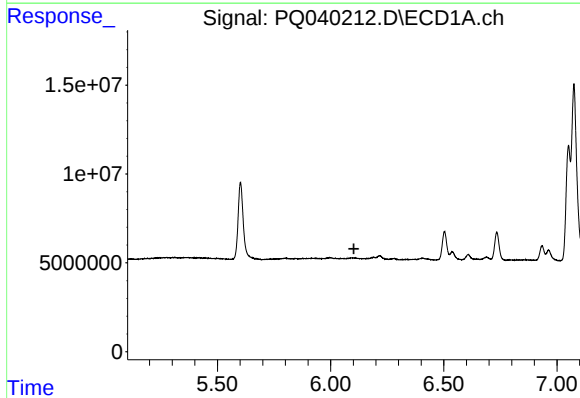
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMP7



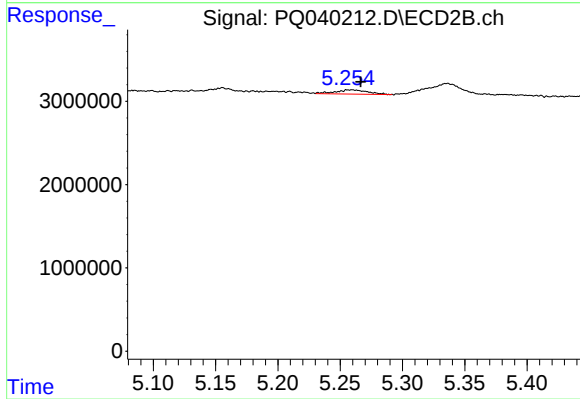
#9 AR-1221-2

R.T.: 5.156 min
Delta R.T.: -0.007 min
Response: 1684776
Conc: 103.44 ng/ml



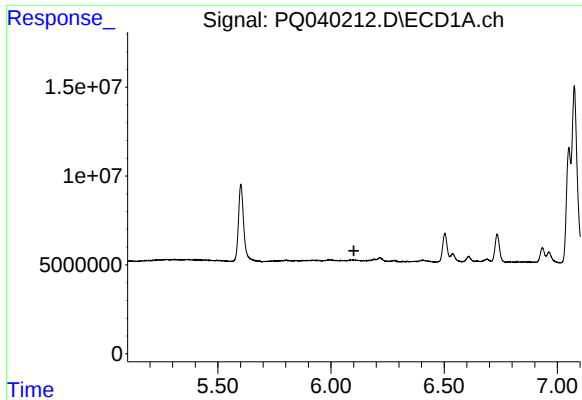
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

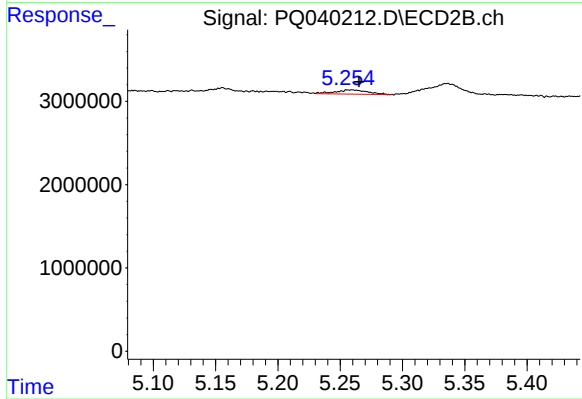
R.T.: 5.259 min
Delta R.T.: -0.007 min
Response: 903446
Conc: 14.86 ng/ml



#11 AR-1232-1

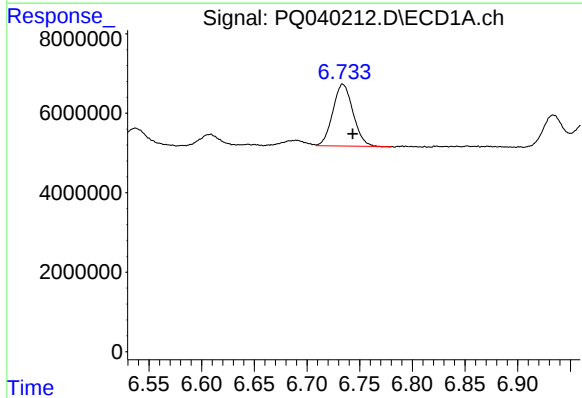
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMP7



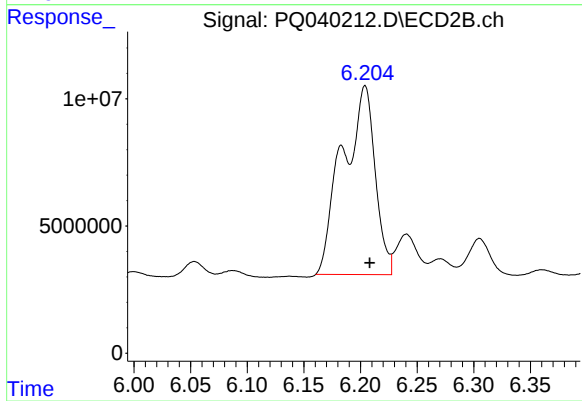
#11 AR-1232-1

R.T.: 5.259 min
Delta R.T.: -0.006 min
Response: 903446
Conc: 19.72 ng/ml



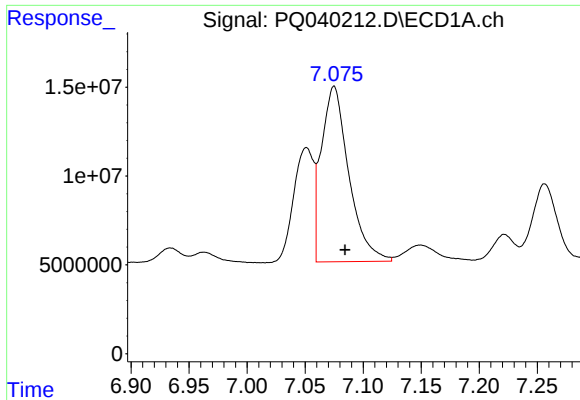
#12 AR-1232-2

R.T.: 6.734 min
Delta R.T.: -0.009 min
Response: 20693605
Conc: 521.94 ng/ml



#12 AR-1232-2

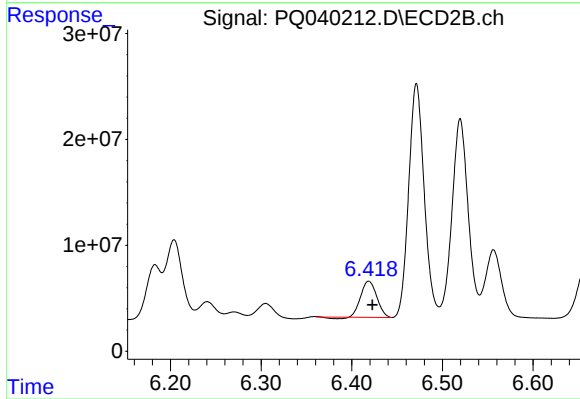
R.T.: 6.204 min
Delta R.T.: -0.004 min
Response: 148535107
Conc: 2476.14 ng/ml



#13 AR-1232-3

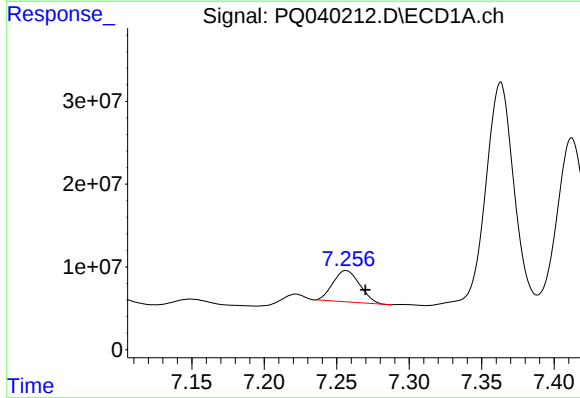
R.T.: 7.075 min
Delta R.T.: -0.009 min
Response: 162244629
Conc: 2007.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



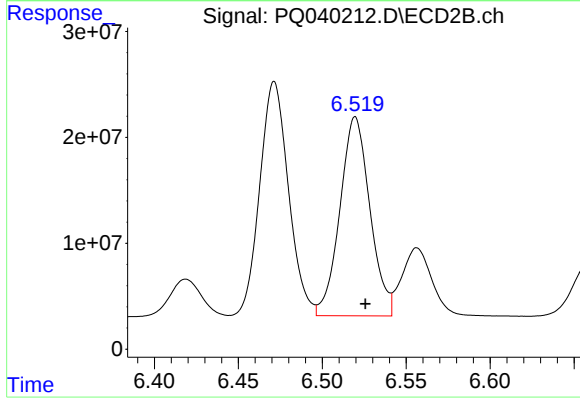
#13 AR-1232-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 40937412
Conc: 1164.06 ng/ml



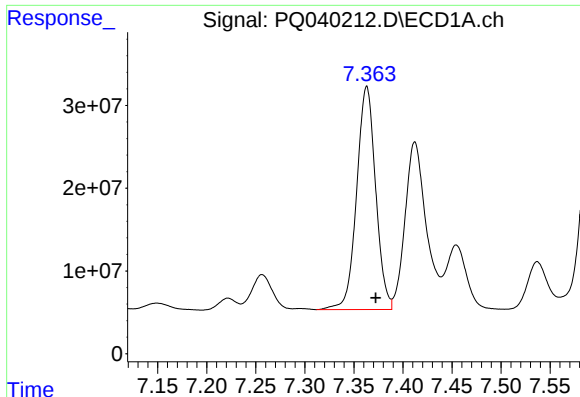
#14 AR-1232-4

R.T.: 7.256 min
Delta R.T.: -0.013 min
Response: 48505845
Conc: 1160.47 ng/ml



#14 AR-1232-4

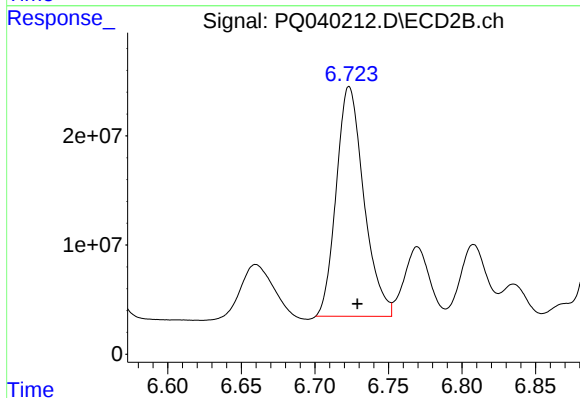
R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 233908416
Conc: 7916.15 ng/ml



#15 AR-1232-5

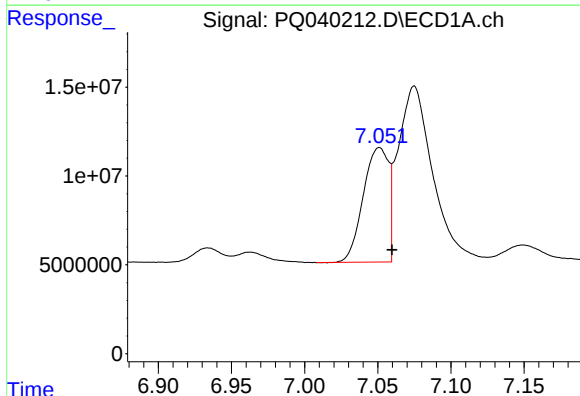
R.T.: 7.363 min
Delta R.T.: -0.009 min
Response: 363153269
Conc: 11458.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



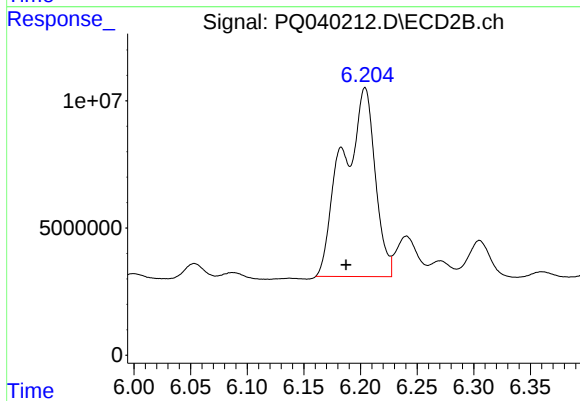
#15 AR-1232-5

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 274749332
Conc: 9126.56 ng/ml



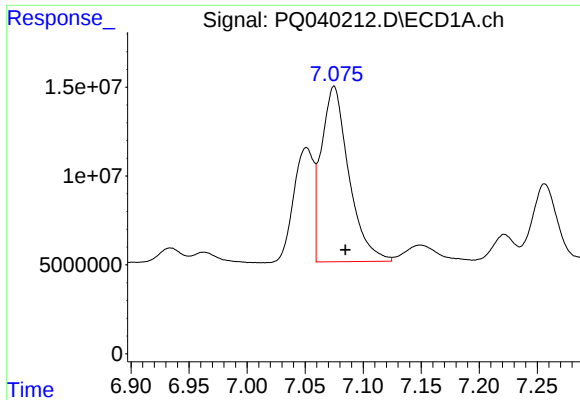
#16 AR-1242-1

R.T.: 7.051 min
Delta R.T.: -0.009 min
Response: 77667617
Conc: 801.06 ng/ml



#16 AR-1242-1

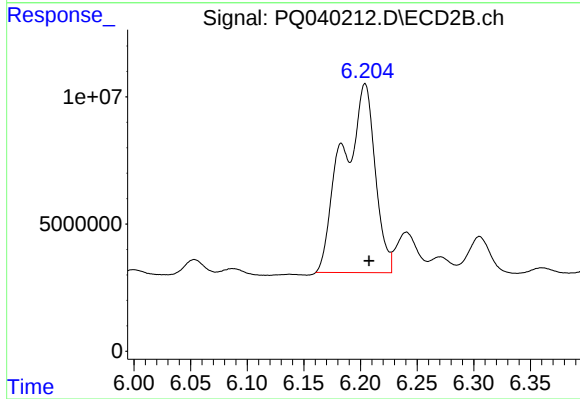
R.T.: 6.204 min
Delta R.T.: 0.016 min
Response: 148535107
Conc: 2008.64 ng/ml



#17 AR-1242-2

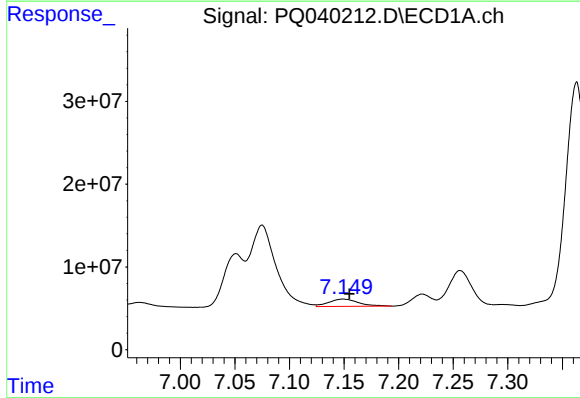
R.T.: 7.075 min
Delta R.T.: -0.010 min
Response: 162244629
Conc: 1122.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



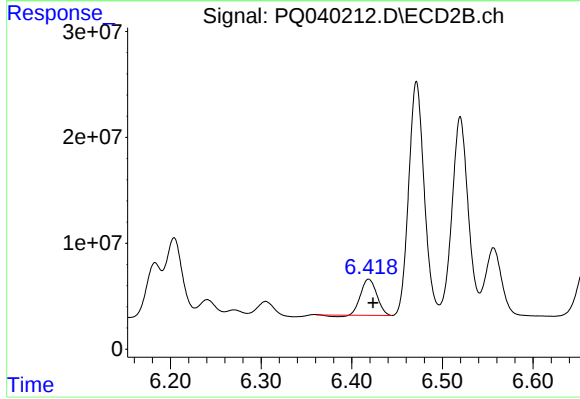
#17 AR-1242-2

R.T.: 6.204 min
Delta R.T.: -0.004 min
Response: 148535107
Conc: 1395.23 ng/ml



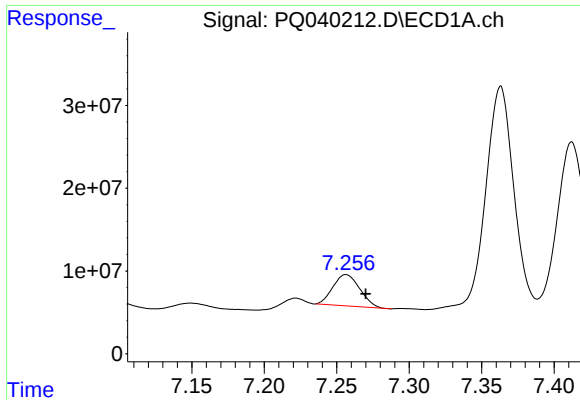
#18 AR-1242-3

R.T.: 7.149 min
Delta R.T.: -0.006 min
Response: 16774342
Conc: 180.19 ng/ml



#18 AR-1242-3

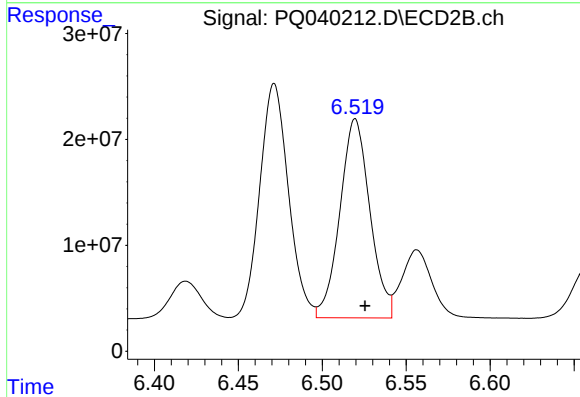
R.T.: 6.419 min
Delta R.T.: -0.005 min
Response: 40937412
Conc: 678.62 ng/ml



#19 AR-1242-4

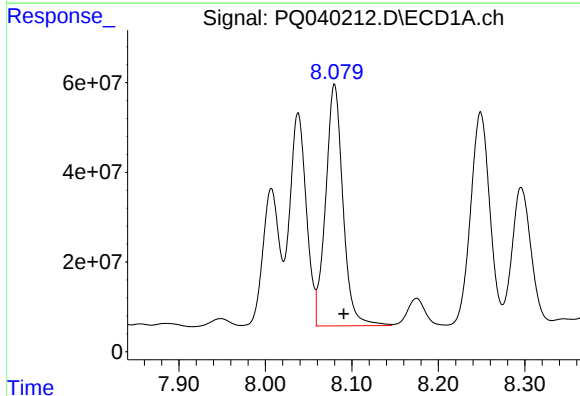
R.T.: 7.256 min
Delta R.T.: -0.014 min
Response: 48505845
Conc: 644.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



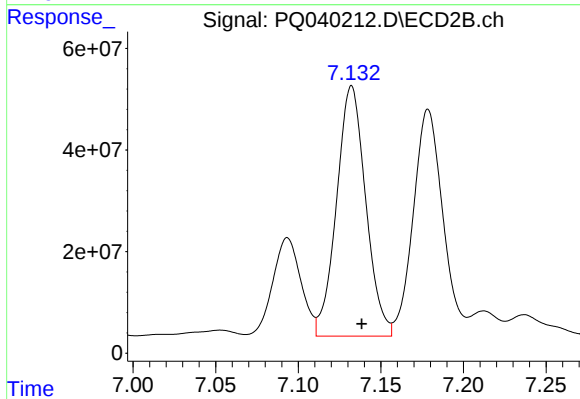
#19 AR-1242-4

R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 233908416
Conc: 3924.61 ng/ml



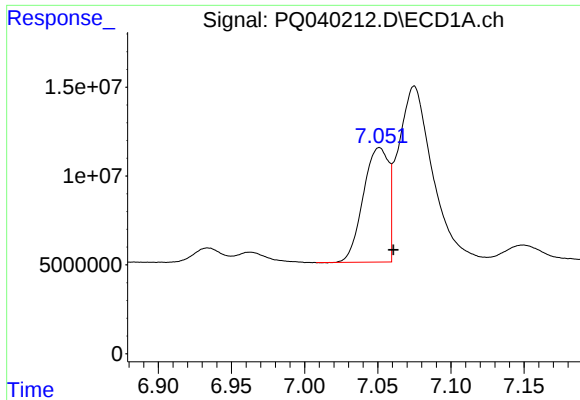
#20 AR-1242-5

R.T.: 8.080 min
Delta R.T.: -0.011 min
Response: 750550073
Conc: 8657.50 ng/ml



#20 AR-1242-5

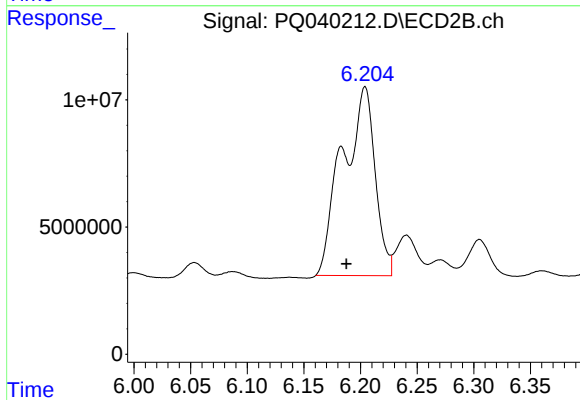
R.T.: 7.132 min
Delta R.T.: -0.006 min
Response: 606173179
Conc: 7521.84 ng/ml



#21 AR-1248-1

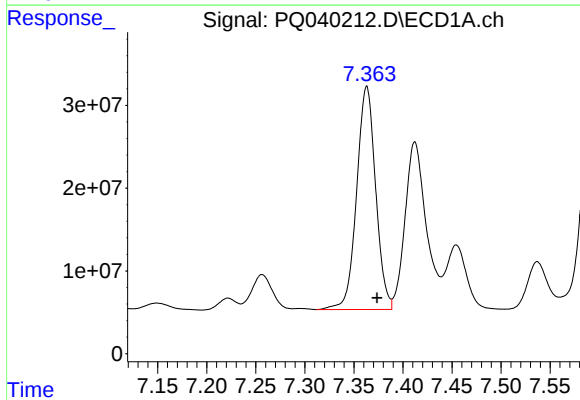
R.T.: 7.051 min
Delta R.T.: -0.010 min
Response: 77667617
Conc: 1003.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



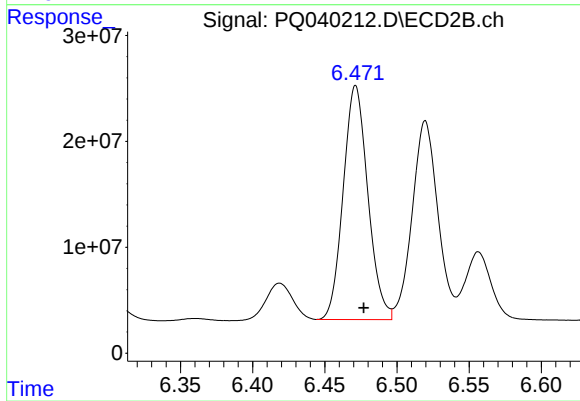
#21 AR-1248-1

R.T.: 6.204 min
Delta R.T.: 0.016 min
Response: 148535107
Conc: 2577.69 ng/ml



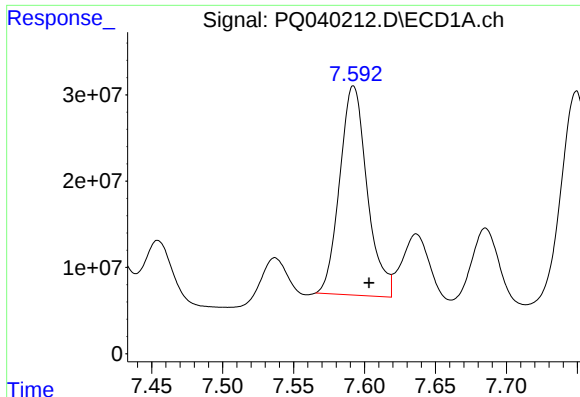
#22 AR-1248-2

R.T.: 7.363 min
Delta R.T.: -0.011 min
Response: 363153269
Conc: 3224.24 ng/ml



#22 AR-1248-2

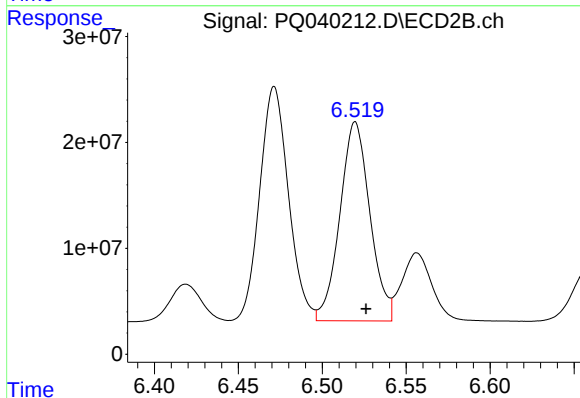
R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 263156044
Conc: 2993.15 ng/ml



#23 AR-1248-3

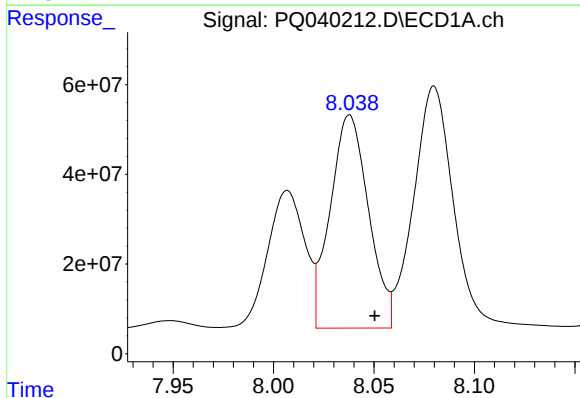
R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 326635224
Conc: 2366.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



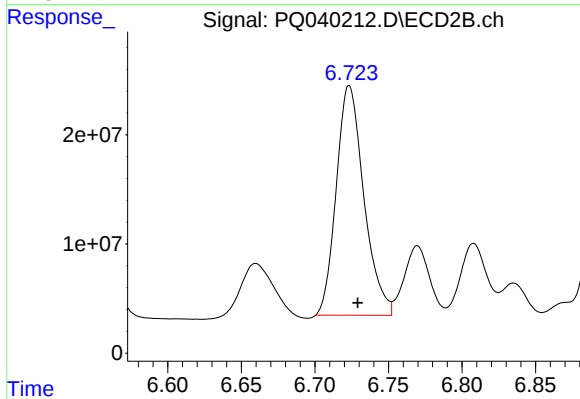
#23 AR-1248-3

R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 233908416
Conc: 2585.10 ng/ml



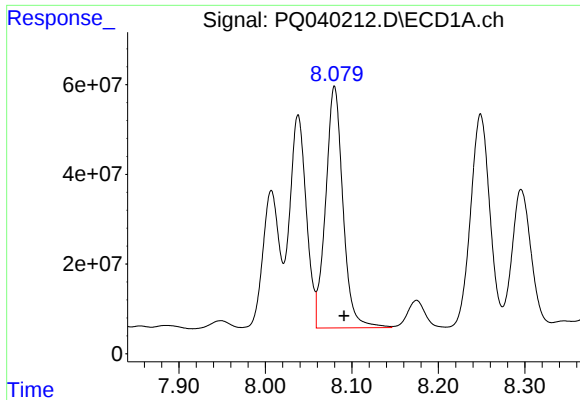
#24 AR-1248-4

R.T.: 8.038 min
Delta R.T.: -0.013 min
Response: 631189412
Conc: 4180.90 ng/ml



#24 AR-1248-4

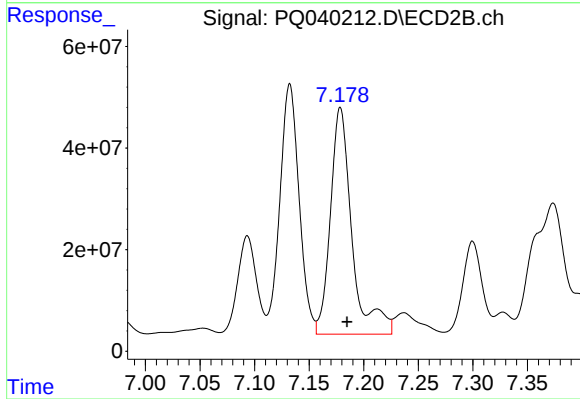
R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 274749332
Conc: 2488.01 ng/ml



#25 AR-1248-5

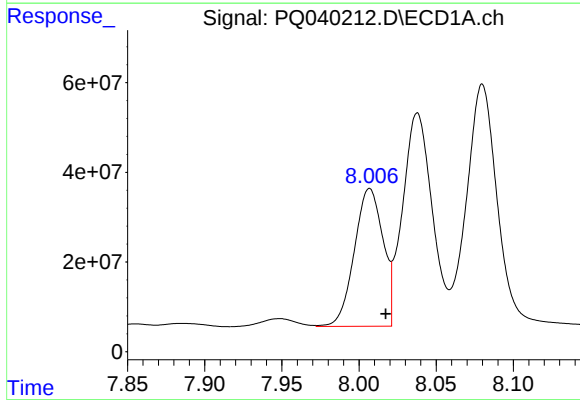
R.T.: 8.080 min
Delta R.T.: -0.011 min
Response: 750550073
Conc: 4985.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



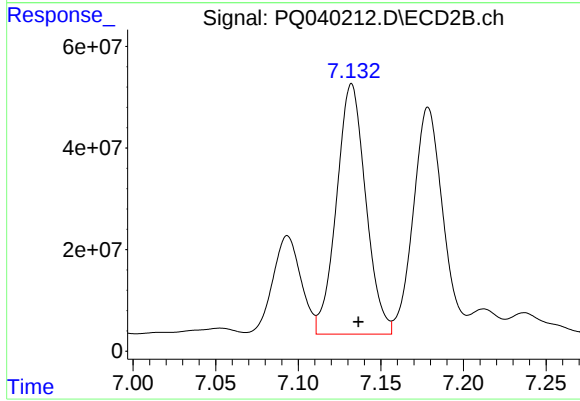
#25 AR-1248-5

R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 612483860
Conc: 5394.64 ng/ml



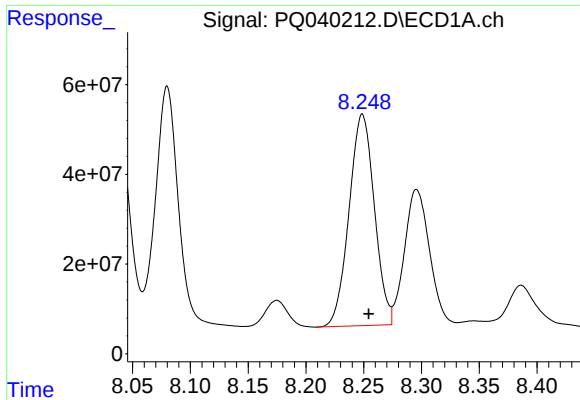
#26 AR-1254-1

R.T.: 8.007 min
Delta R.T.: -0.010 min
Response: 396926968
Conc: 2276.03 ng/ml



#26 AR-1254-1

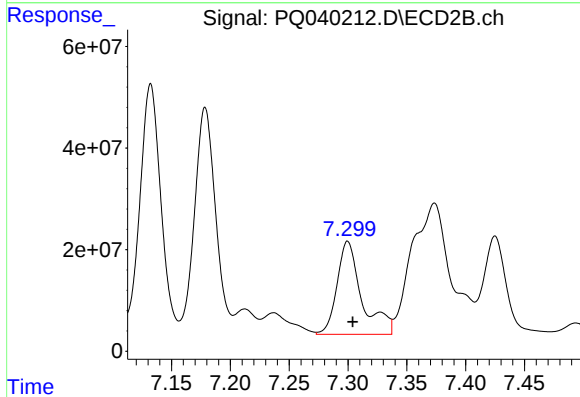
R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 606173179
Conc: 3164.80 ng/ml



#27 AR-1254-2

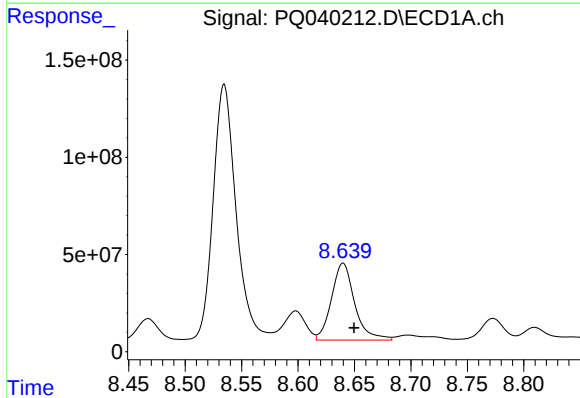
R.T.: 8.249 min
Delta R.T.: -0.006 min
Response: 718991991
Conc: 2599.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



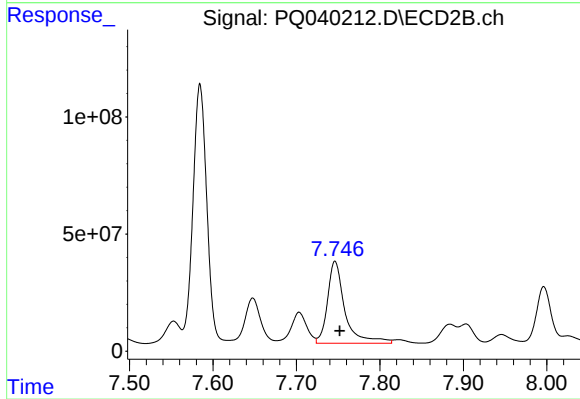
#27 AR-1254-2

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 268351608
Conc: 1544.65 ng/ml



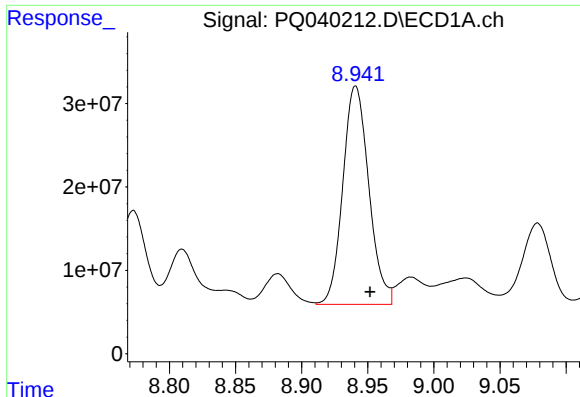
#28 AR-1254-3

R.T.: 8.640 min
Delta R.T.: -0.010 min
Response: 565757482
Conc: 1906.29 ng/ml



#28 AR-1254-3

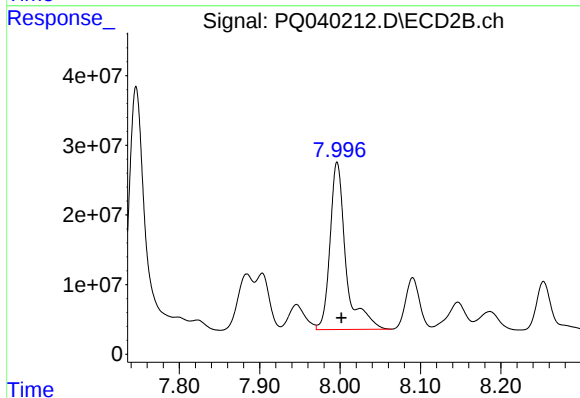
R.T.: 7.746 min
Delta R.T.: -0.006 min
Response: 508242237
Conc: 1758.73 ng/ml



#29 AR-1254-4

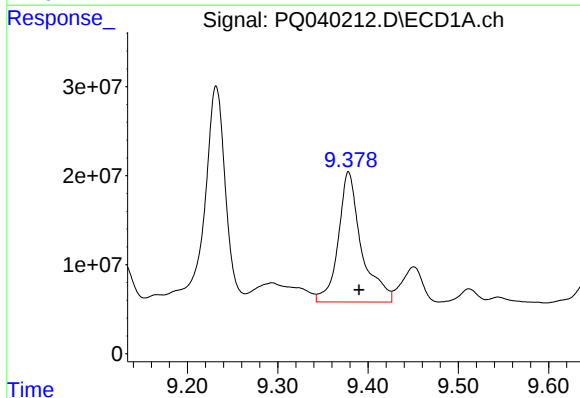
R.T.: 8.941 min
Delta R.T.: -0.011 min
Response: 358114861
Conc: 1723.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



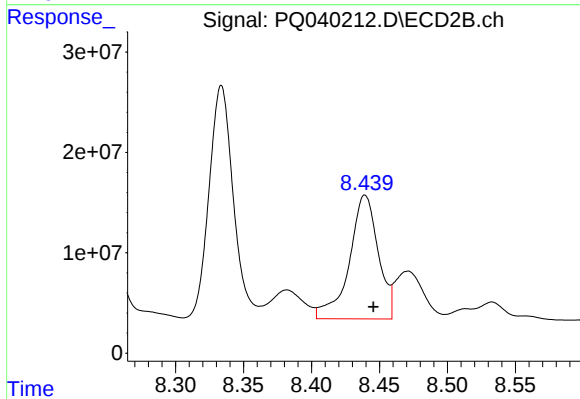
#29 AR-1254-4

R.T.: 7.996 min
Delta R.T.: -0.006 min
Response: 330140848
Conc: 1849.03 ng/ml



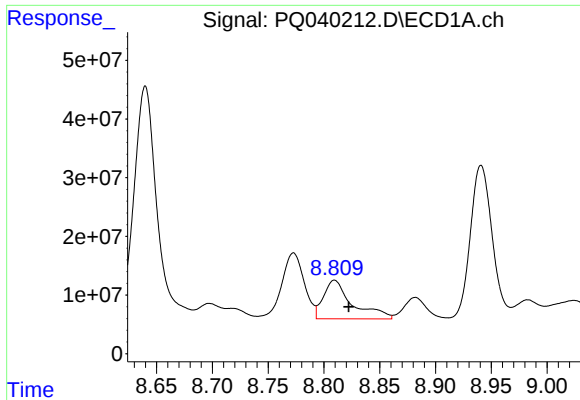
#30 AR-1254-5

R.T.: 9.378 min
Delta R.T.: -0.012 min
Response: 260281440
Conc: 903.77 ng/ml



#30 AR-1254-5

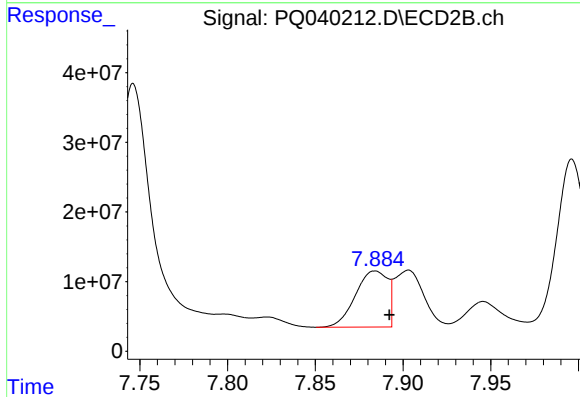
R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 183198357
Conc: 711.09 ng/ml



#31 AR-1260-1

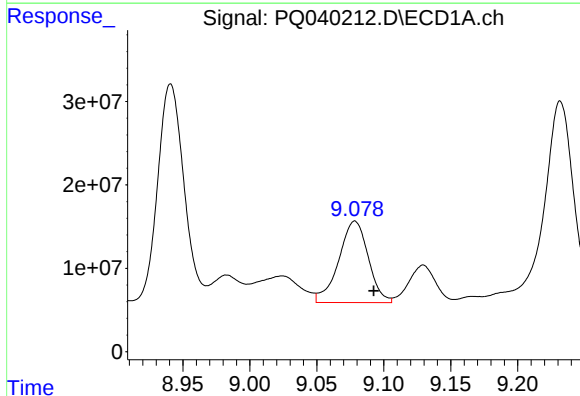
R.T.: 8.809 min
Delta R.T.: -0.013 min
Response: 118230589
Conc: 355.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



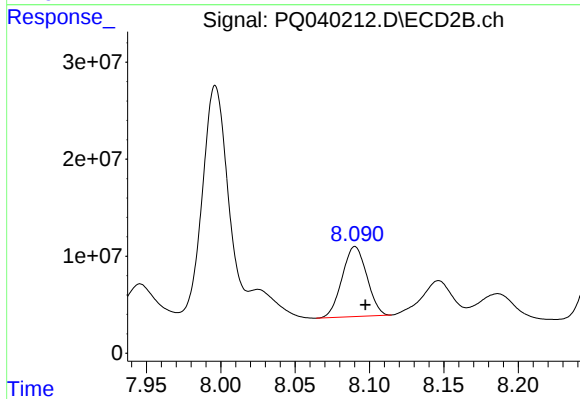
#31 AR-1260-1

R.T.: 7.884 min
Delta R.T.: -0.008 min
Response: 102973874
Conc: 375.63 ng/ml



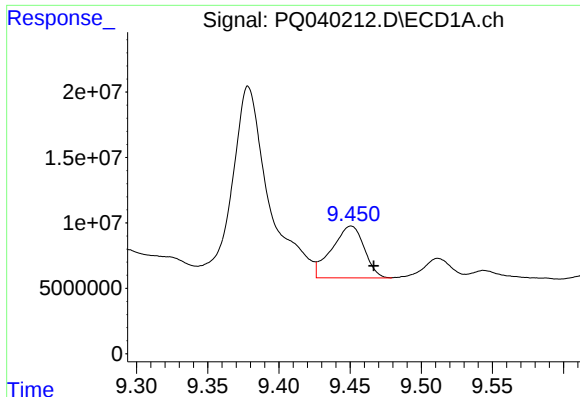
#32 AR-1260-2

R.T.: 9.078 min
Delta R.T.: -0.014 min
Response: 150588759
Conc: 372.77 ng/ml



#32 AR-1260-2

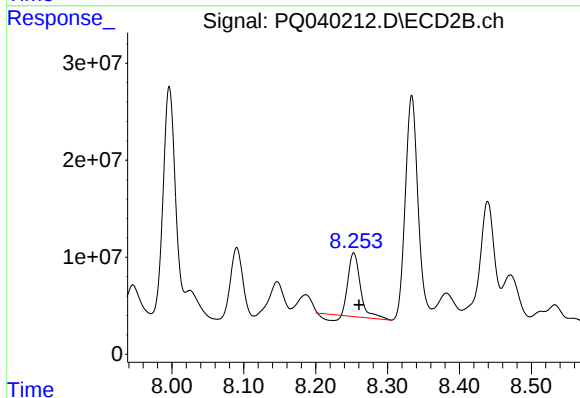
R.T.: 8.090 min
Delta R.T.: -0.007 min
Response: 83618692
Conc: 241.73 ng/ml



#33 AR-1260-3

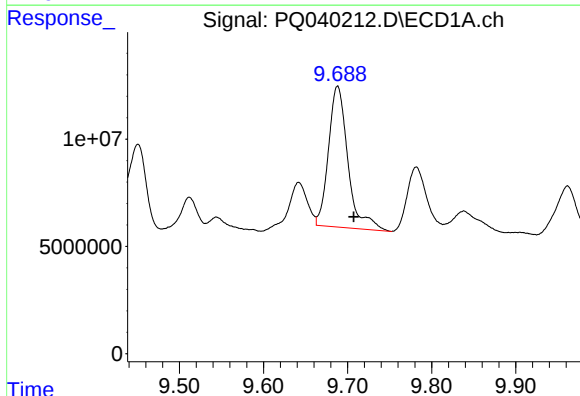
R.T.: 9.451 min
Delta R.T.: -0.016 min
Response: 63086309
Conc: 191.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



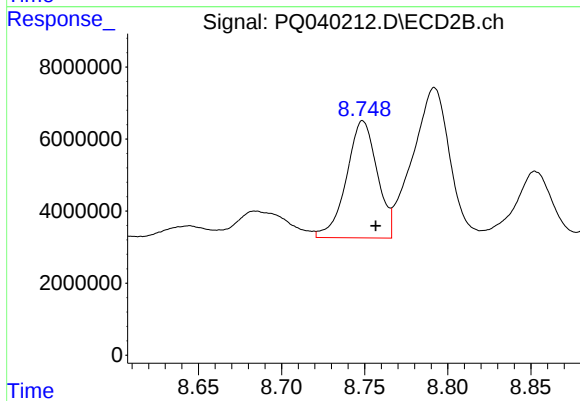
#33 AR-1260-3

R.T.: 8.253 min
Delta R.T.: -0.007 min
Response: 71662673
Conc: 223.45 ng/ml



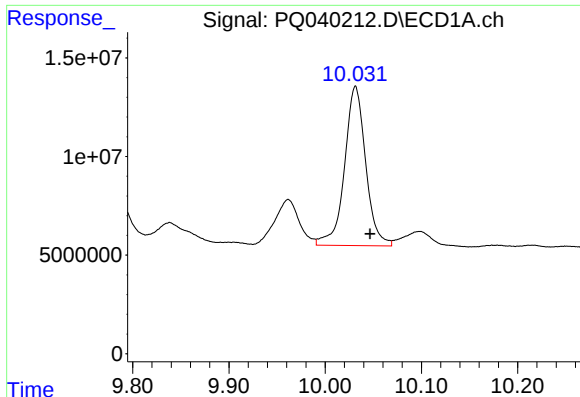
#34 AR-1260-4

R.T.: 9.688 min
Delta R.T.: -0.019 min
Response: 105469842
Conc: 286.19 ng/ml



#34 AR-1260-4

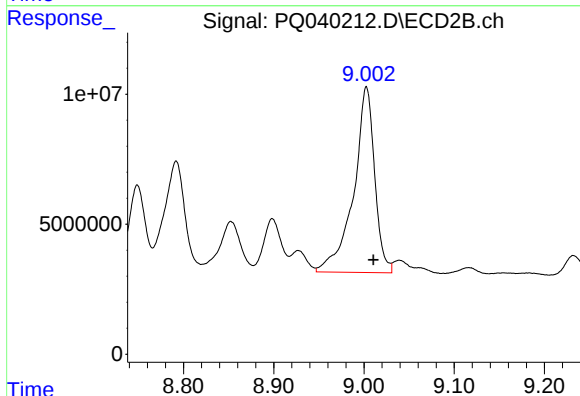
R.T.: 8.749 min
Delta R.T.: -0.008 min
Response: 41823506
Conc: 153.92 ng/ml



#35 AR-1260-5

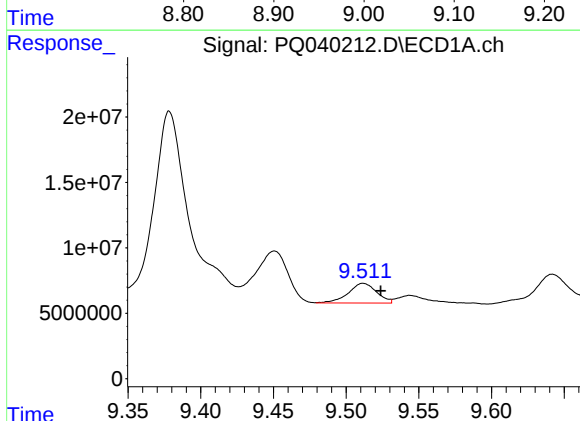
R.T.: 10.031 min
Delta R.T.: -0.015 min
Response: 123116972
Conc: 159.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



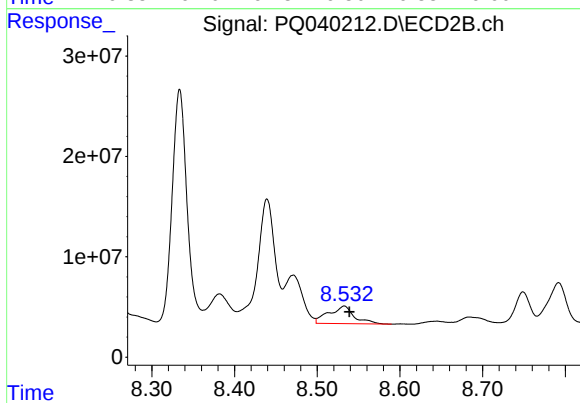
#35 AR-1260-5

R.T.: 9.003 min
Delta R.T.: -0.008 min
Response: 115680566
Conc: 172.10 ng/ml



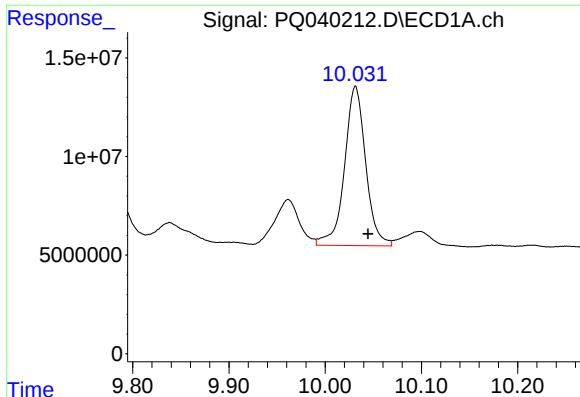
#36 AR-1262-1

R.T.: 9.512 min
Delta R.T.: -0.012 min
Response: 20588912
Conc: 148.11 ng/ml



#36 AR-1262-1

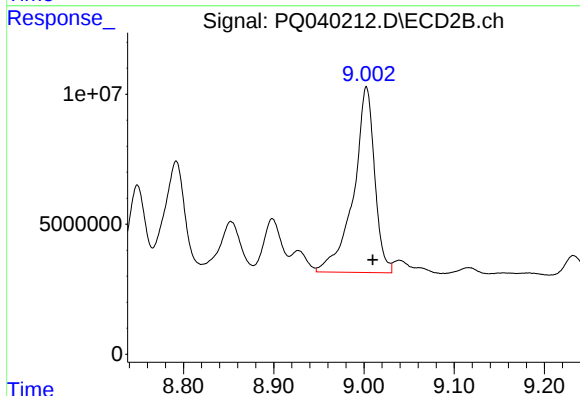
R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 37562475
Conc: 330.81 ng/ml



#37 AR-1262-2

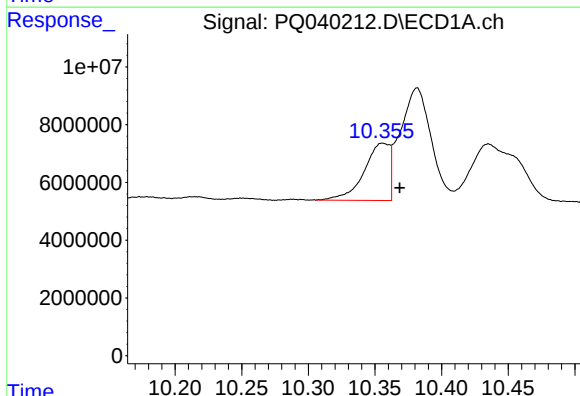
R.T.: 10.031 min
Delta R.T.: -0.013 min
Response: 123116972
Conc: 212.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



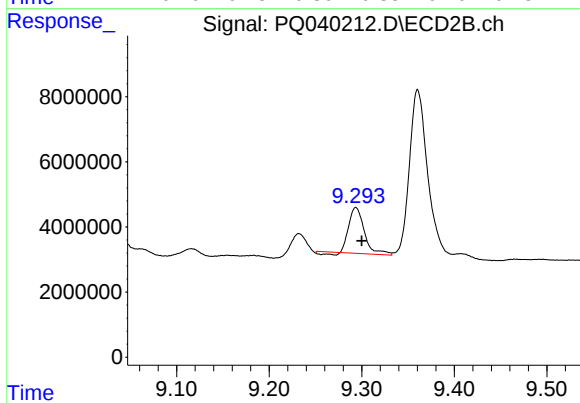
#37 AR-1262-2

R.T.: 9.003 min
Delta R.T.: -0.007 min
Response: 115680566
Conc: 233.16 ng/ml



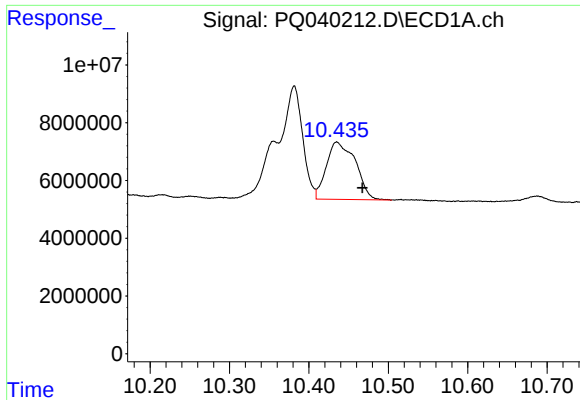
#38 AR-1262-3

R.T.: 10.356 min
Delta R.T.: -0.013 min
Response: 26494077
Conc: 62.66 ng/ml



#38 AR-1262-3

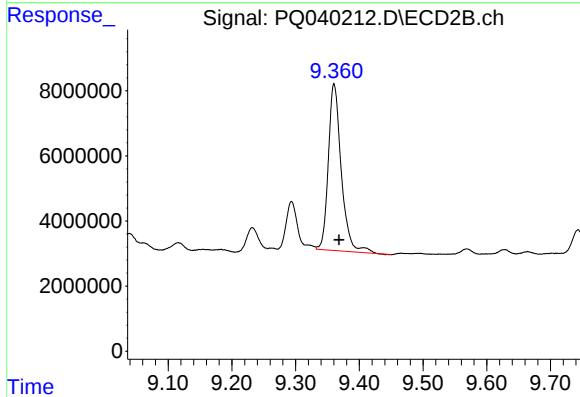
R.T.: 9.294 min
Delta R.T.: -0.006 min
Response: 16276086
Conc: 77.41 ng/ml



#39 AR-1262-4

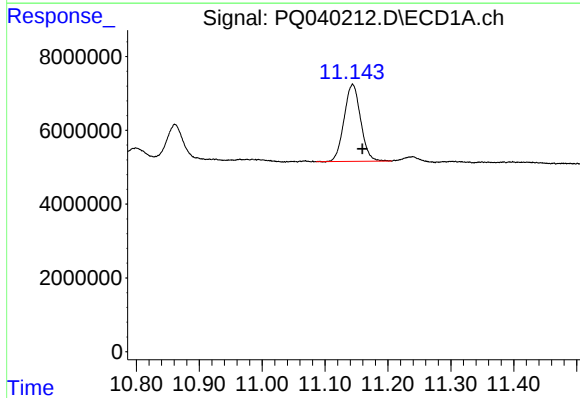
R.T.: 10.435 min
Delta R.T.: -0.032 min
Response: 50617149
Conc: 134.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



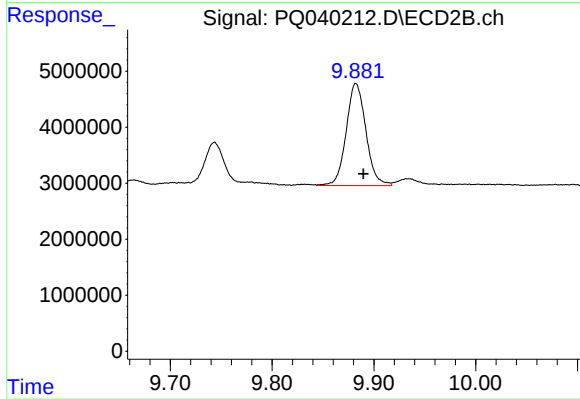
#39 AR-1262-4

R.T.: 9.361 min
Delta R.T.: -0.007 min
Response: 72143971
Conc: 190.54 ng/ml



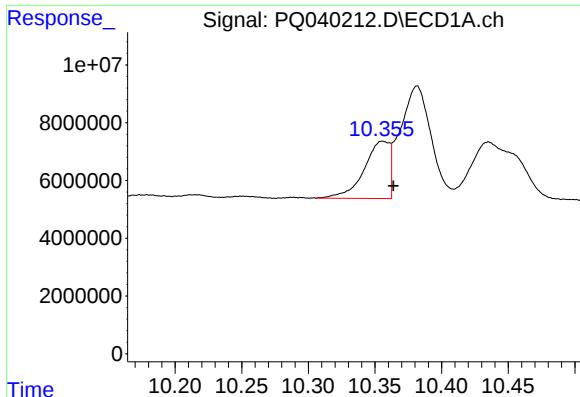
#40 AR-1262-5

R.T.: 11.144 min
Delta R.T.: -0.016 min
Response: 38057668
Conc: 161.98 ng/ml



#40 AR-1262-5

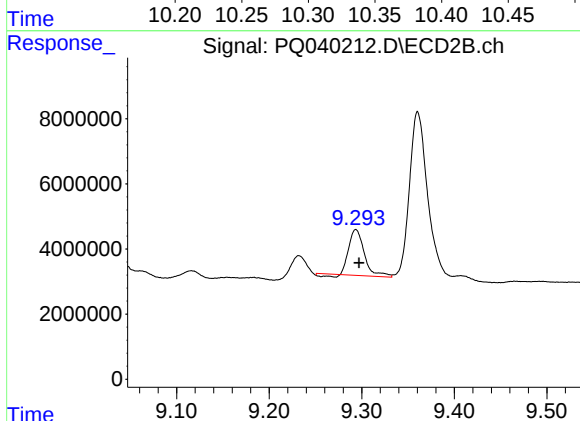
R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 24559909
Conc: 151.48 ng/ml



#41 AR-1268-1

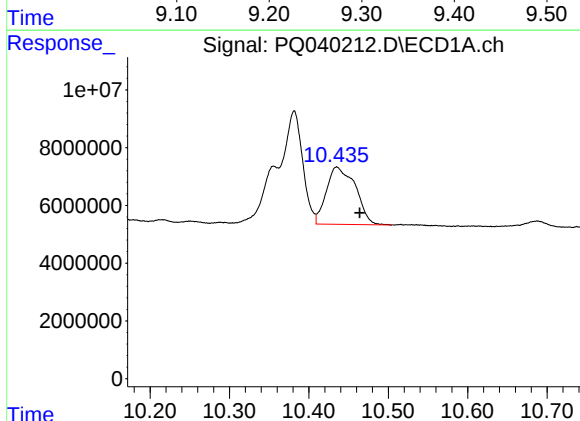
R.T.: 10.356 min
Delta R.T.: -0.008 min
Response: 26494077
Conc: 43.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



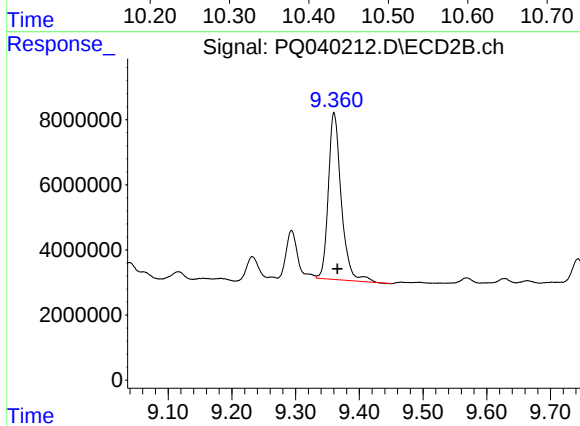
#41 AR-1268-1

R.T.: 9.294 min
Delta R.T.: -0.003 min
Response: 16276086
Conc: 35.67 ng/ml



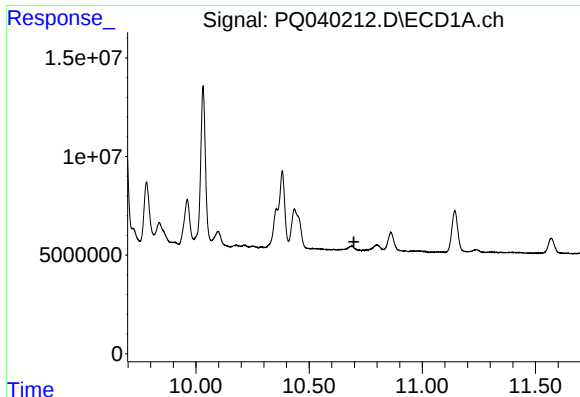
#42 AR-1268-2

R.T.: 10.435 min
Delta R.T.: -0.029 min
Response: 50617149
Conc: 82.26 ng/ml



#42 AR-1268-2

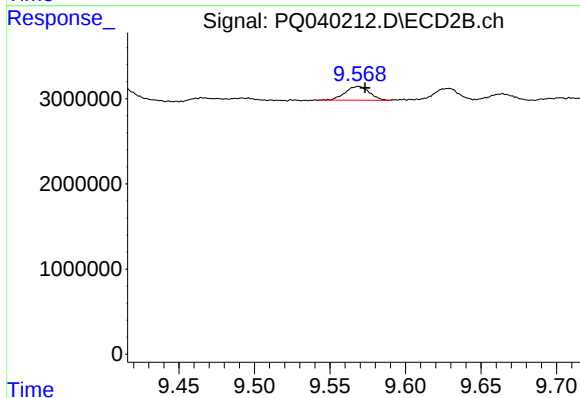
R.T.: 9.361 min
Delta R.T.: -0.005 min
Response: 72143971
Conc: 165.02 ng/ml



#43 AR-1268-3

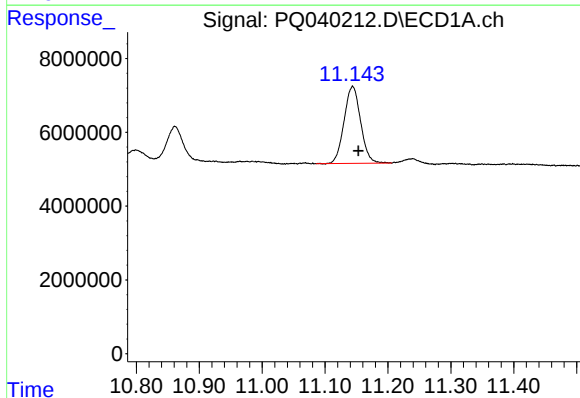
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMP7



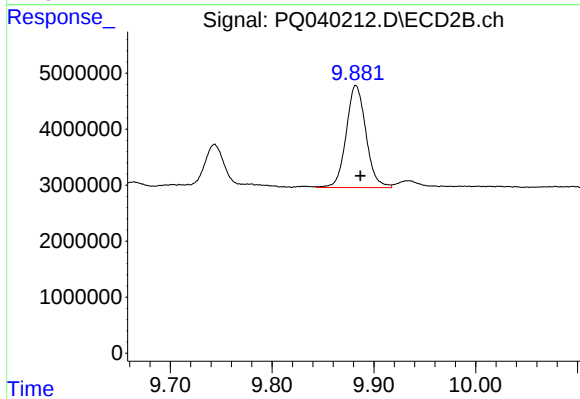
#43 AR-1268-3

R.T.: 9.569 min
Delta R.T.: -0.005 min
Response: 1816656
Conc: 4.84 ng/ml



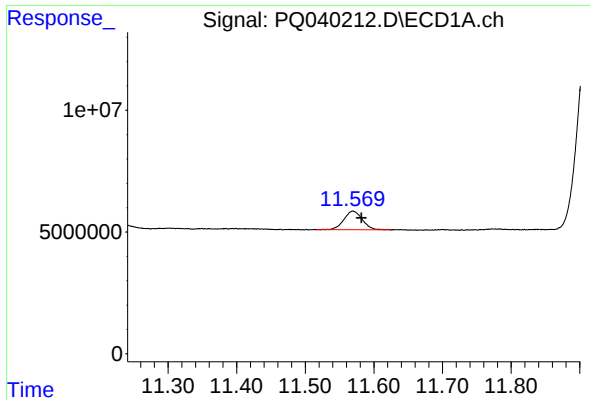
#44 AR-1268-4

R.T.: 11.144 min
Delta R.T.: -0.009 min
Response: 38057668
Conc: 186.59 ng/ml



#44 AR-1268-4

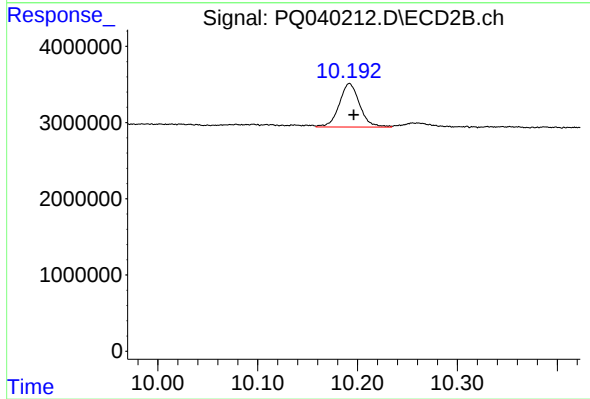
R.T.: 9.883 min
Delta R.T.: -0.004 min
Response: 24559909
Conc: 178.25 ng/ml



#45 AR-1268-5

R.T.: 11.569 min
Delta R.T.: -0.013 min
Response: 14255778
Conc: 7.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP7



#45 AR-1268-5

R.T.: 10.192 min
Delta R.T.: -0.004 min
Response: 8103875
Conc: 6.87 ng/ml