

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
 Data File : PQ040317.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2019 19:44
 Operator : SM\AJ
 Sample : K2948-07MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFH96MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:39:52 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...	5.595	4.733	56289715	39449288	17.183	18.367
2)	SA Decachlor...	11.902	10.454	219.6E6	132.7E6	30.740	31.915
Target Compounds							
3)	L1 AR-1016-1	7.068	6.178	72566332	34928473	433.769	272.288 #
4)	L1 AR-1016-2	7.068	6.199	72566332	53742968	276.021	278.443
5)	L1 AR-1016-3	7.139	6.413	44933759	29134825	263.266	270.144
6)	L1 AR-1016-4	7.253	6.467	35194203	25027629	254.617	293.927
7)	L1 AR-1016-5	7.585	6.718	32956661	32888342	237.569	285.637
8)	L2 AR-1221-1	5.875	5.035	1053284	3718369	30.057	151.728 #
9)	L2 AR-1221-2	5.988	5.153	5665329	3691751	257.142	226.658
10)	L2 AR-1221-3	6.085	5.257	21136548	15255470	239.261	250.885
11)	L3 AR-1232-1	6.085	5.257	21136548	15255470	326.343	332.920
12)	L3 AR-1232-2	6.727	6.199	37675655	53742968	950.263	895.918
13)	L3 AR-1232-3	7.068	6.413	72566332	29134825	897.962	828.451
14)	L3 AR-1232-4	7.253	6.515	35194203	31411715	841.999	1063.065 #
15)	L3 AR-1232-5	7.356	6.718	33066052	32888342	1043.340	1092.477
16)	L4 AR-1242-1	7.068	6.178	72566332	34928473	748.446	472.338 #
17)	L4 AR-1242-2	7.068	6.199	72566332	53742968	502.126	504.821
18)	L4 AR-1242-3	7.139	6.413	44933759	29134825	482.689	482.969
19)	L4 AR-1242-4	7.253	6.515	35194203	31411715	467.942	527.039
20)	L4 AR-1242-5	8.074	7.126	5894668	28264825	67.994	350.731 #
21)	L5 AR-1248-1	7.068	6.178	72566332	34928473	937.520	606.151 #
22)	L5 AR-1248-2	7.356	6.467	33066052	25027629	293.576	284.665
23)	L5 AR-1248-3	7.585	6.515	32956661	31411715	238.770	347.154 #
24)	L5 AR-1248-4	8.074	6.718	5894668	32888342	39.045	297.822 #
25)	L5 AR-1248-5	8.074	7.174	5894668	4903558	39.152	43.190
26)	L6 AR-1254-1	8.001	7.126	36629123	28264825	210.036	147.569 #
27)	L6 AR-1254-2	8.237	7.294	36653919	28442686	132.538	163.718
28)	L6 AR-1254-3	8.633	7.755	19229844	51511621	64.794	178.252 #
29)	L6 AR-1254-4	8.934	7.992	12877877	5281742	61.964	29.582 #
30)	L6 AR-1254-5	9.373	8.435	148.1E6	107.8E6	514.316	418.556
31)	L7 AR-1260-1	8.803	7.881	90112682	78449918	271.090	286.170
32)	L7 AR-1260-2	9.073	8.085	115.2E6	105.5E6	285.102	304.866
33)	L7 AR-1260-3	9.446	8.249	85712718	89412093	259.824	278.799
34)	L7 AR-1260-4	9.687	8.746	93077863	70338550	252.563	258.864
35)	L7 AR-1260-5	10.026	9.000	192.4E6	175.0E6	249.862	260.334
36)	L8 AR-1262-1	9.507	8.529	45918118	40950847	330.314	360.652
37)	L8 AR-1262-2	10.026	9.000	192.4E6	175.0E6	332.457	352.705
38)	L8 AR-1262-3	10.374	9.289	127.2E6	36218755	300.898	172.264 #
39)	L8 AR-1262-4	10.430	9.357	92249927	134.4E6	244.244	354.996 #
40)	L8 AR-1262-5	11.135	9.879	61603793	41781219	262.189	257.699
41)	L9 AR-1268-1	10.374	9.289	127.2E6	36218755	211.204	79.368 #

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 Sample : K2948-07MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

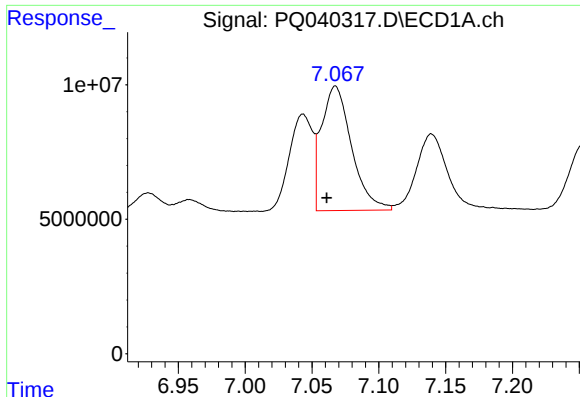
Instrument :
 ECD_Q
 ClientSampleId :
 BFH96MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:39:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.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	10.430	9.357	92249927	134.4E6	149.922	307.445 #
43) L9	AR-1268-3	10.681	9.565	4830661	3674759	8.893	9.789
44) L9	AR-1268-4	11.135	9.879	61603793	41781219	302.034	303.236
45) L9	AR-1268-5	11.560	10.187	27114624	14912207	14.674	12.635

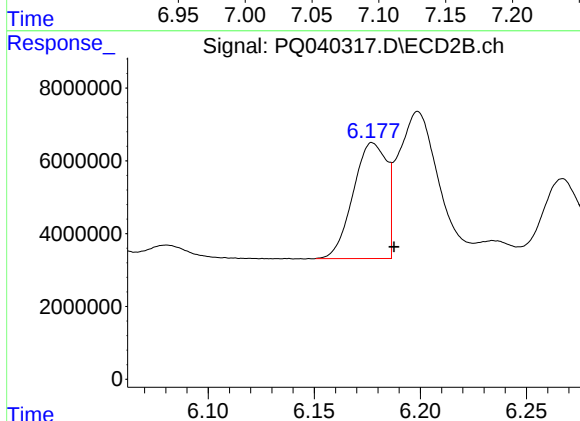
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

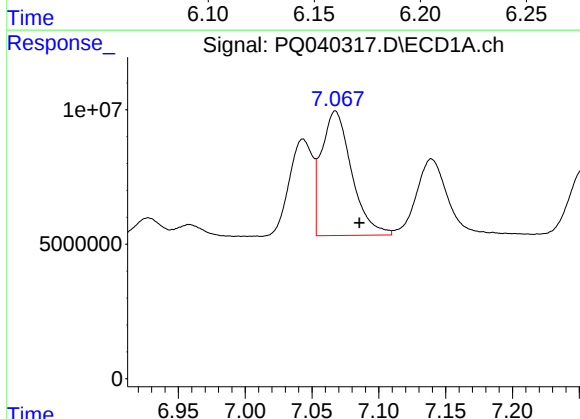
R.T.: 7.068 min
Delta R.T.: 0.006 min
Response: 72566332
Conc: 433.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



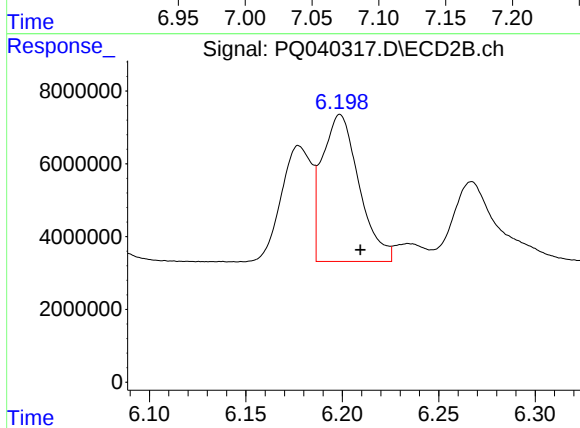
#3 AR-1016-1

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 34928473
Conc: 272.29 ng/ml



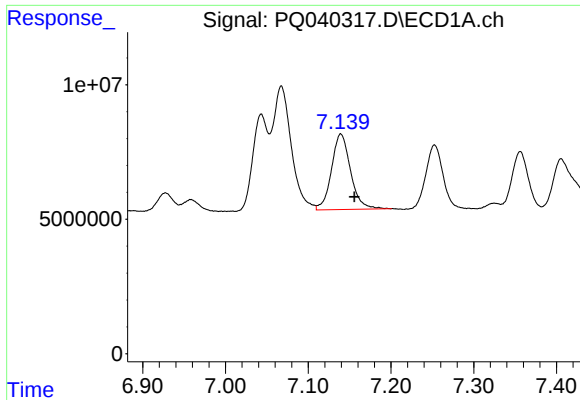
#4 AR-1016-2

R.T.: 7.068 min
Delta R.T.: -0.018 min
Response: 72566332
Conc: 276.02 ng/ml



#4 AR-1016-2

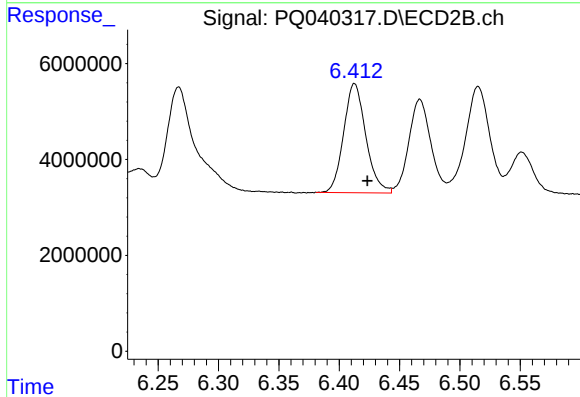
R.T.: 6.199 min
Delta R.T.: -0.010 min
Response: 53742968
Conc: 278.44 ng/ml



#5 AR-1016-3

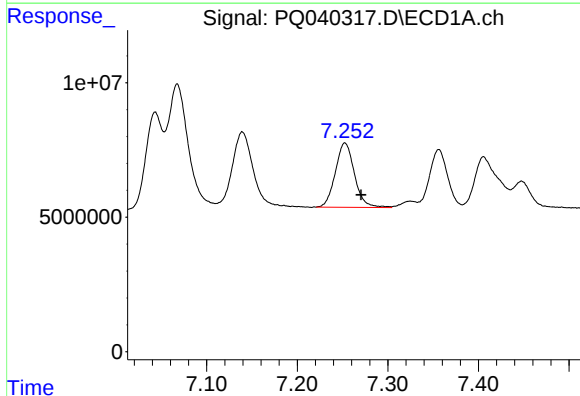
R.T.: 7.139 min
Delta R.T.: -0.016 min
Response: 44933759
Conc: 263.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



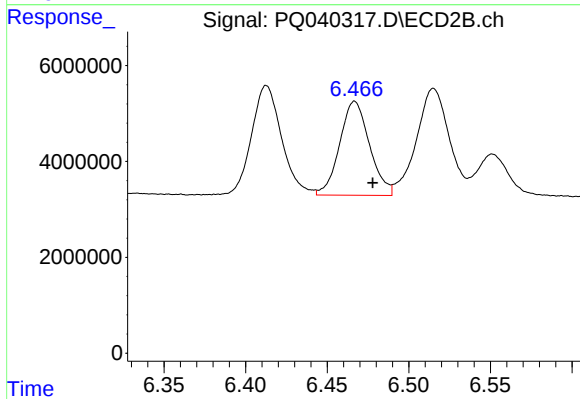
#5 AR-1016-3

R.T.: 6.413 min
Delta R.T.: -0.011 min
Response: 29134825
Conc: 270.14 ng/ml



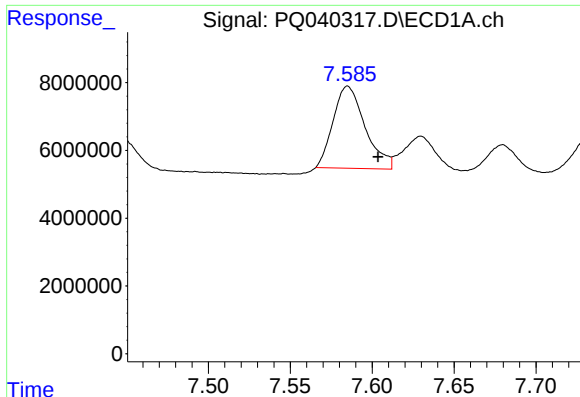
#6 AR-1016-4

R.T.: 7.253 min
Delta R.T.: -0.018 min
Response: 35194203
Conc: 254.62 ng/ml



#6 AR-1016-4

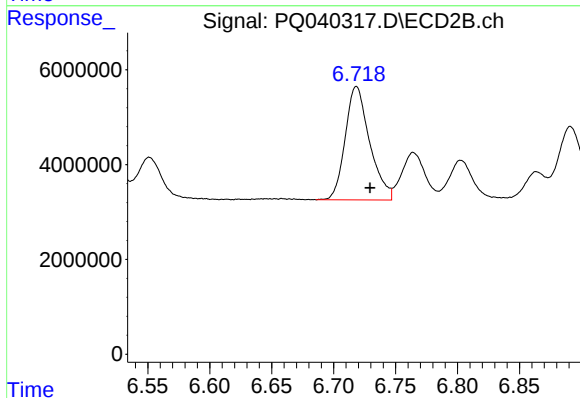
R.T.: 6.467 min
Delta R.T.: -0.011 min
Response: 25027629
Conc: 293.93 ng/ml



#7 AR-1016-5

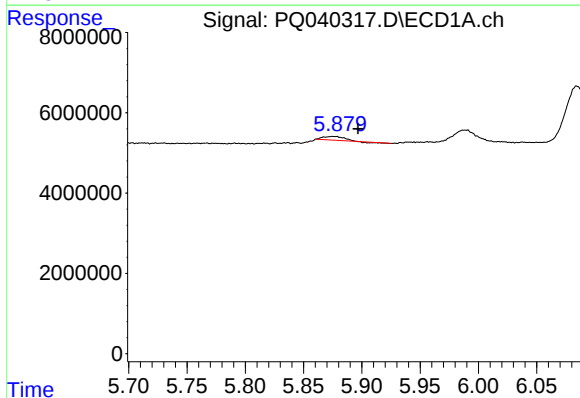
R.T.: 7.585 min
Delta R.T.: -0.018 min
Response: 32956661
Conc: 237.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



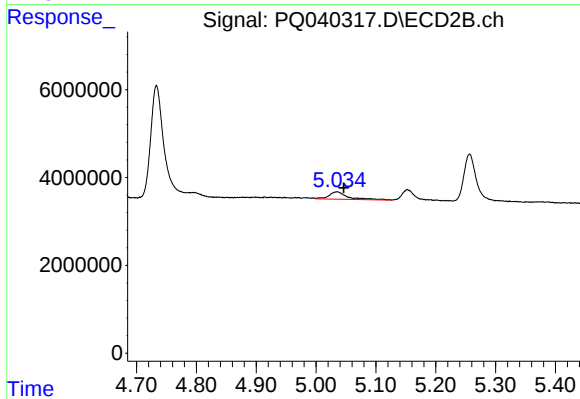
#7 AR-1016-5

R.T.: 6.718 min
Delta R.T.: -0.011 min
Response: 32888342
Conc: 285.64 ng/ml



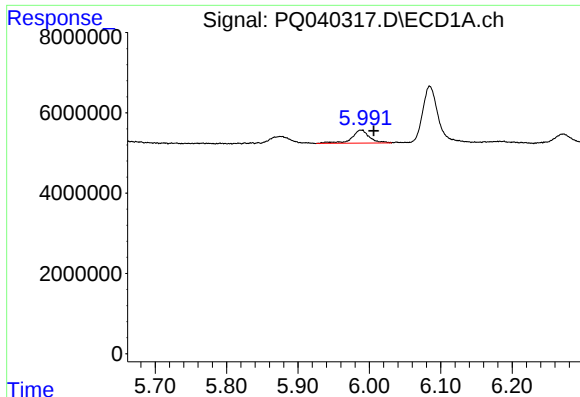
#8 AR-1221-1

R.T.: 5.875 min
Delta R.T.: -0.021 min
Response: 1053284
Conc: 30.06 ng/ml



#8 AR-1221-1

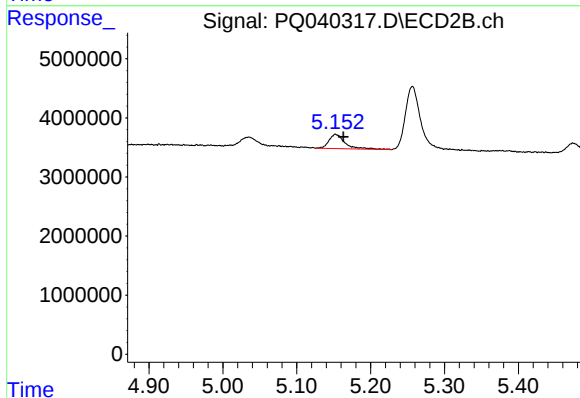
R.T.: 5.035 min
Delta R.T.: -0.011 min
Response: 3718369
Conc: 151.73 ng/ml



#9 AR-1221-2

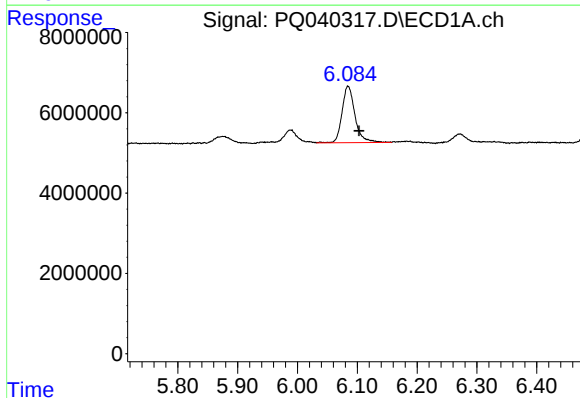
R.T.: 5.988 min
Delta R.T.: -0.018 min
Response: 5665329
Conc: 257.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



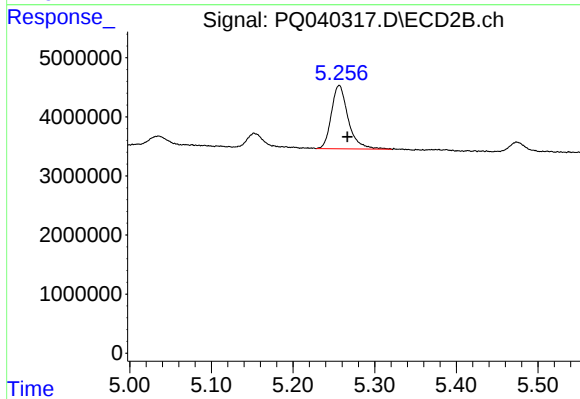
#9 AR-1221-2

R.T.: 5.153 min
Delta R.T.: -0.011 min
Response: 3691751
Conc: 226.66 ng/ml



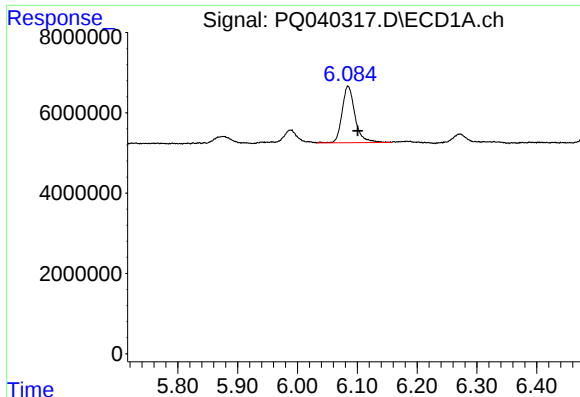
#10 AR-1221-3

R.T.: 6.085 min
Delta R.T.: -0.018 min
Response: 21136548
Conc: 239.26 ng/ml



#10 AR-1221-3

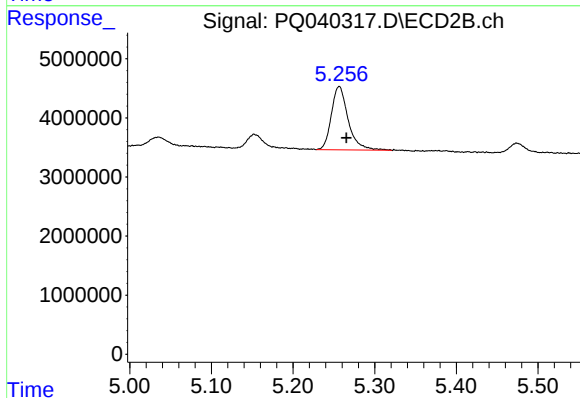
R.T.: 5.257 min
Delta R.T.: -0.010 min
Response: 15255470
Conc: 250.88 ng/ml



#11 AR-1232-1

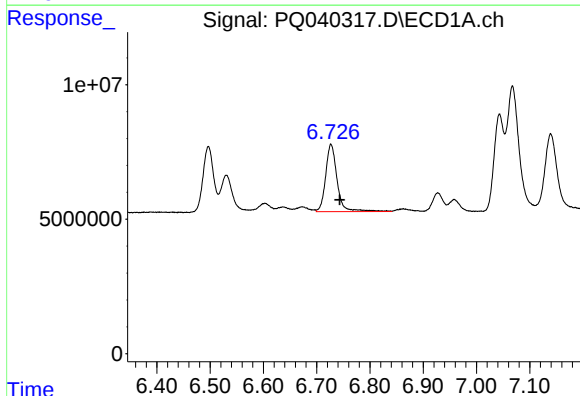
R.T.: 6.085 min
Delta R.T.: -0.016 min
Response: 21136548
Conc: 326.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



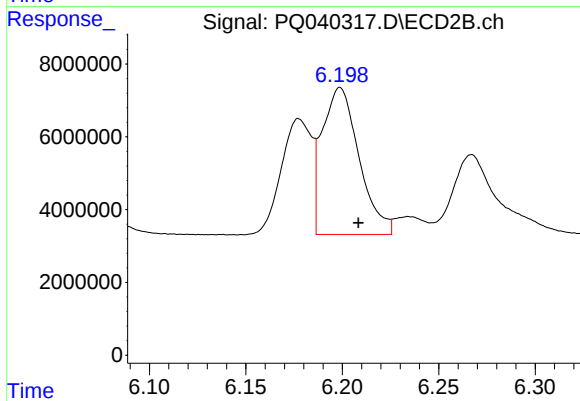
#11 AR-1232-1

R.T.: 5.257 min
Delta R.T.: -0.009 min
Response: 15255470
Conc: 332.92 ng/ml



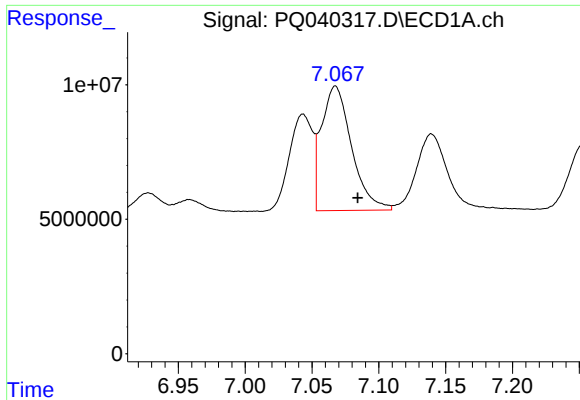
#12 AR-1232-2

R.T.: 6.727 min
Delta R.T.: -0.016 min
Response: 37675655
Conc: 950.26 ng/ml



#12 AR-1232-2

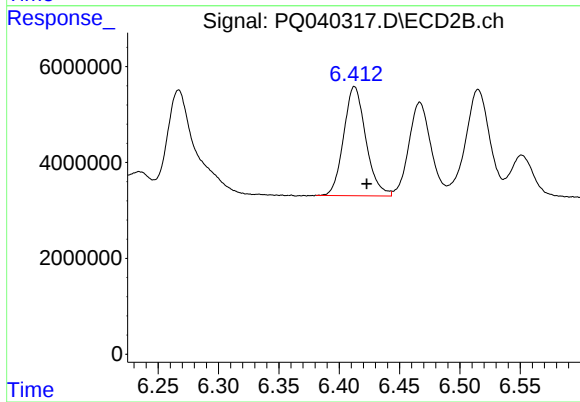
R.T.: 6.199 min
Delta R.T.: -0.009 min
Response: 53742968
Conc: 895.92 ng/ml



#13 AR-1232-3

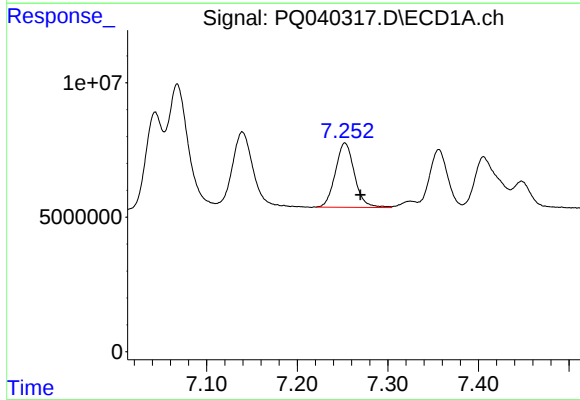
R.T.: 7.068 min
Delta R.T.: -0.017 min
Response: 72566332
Conc: 897.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



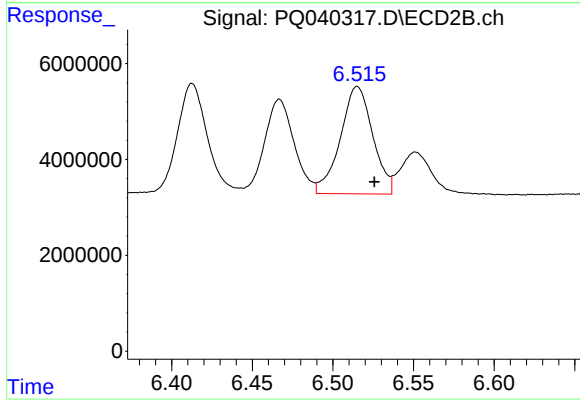
#13 AR-1232-3

R.T.: 6.413 min
Delta R.T.: -0.010 min
Response: 29134825
Conc: 828.45 ng/ml



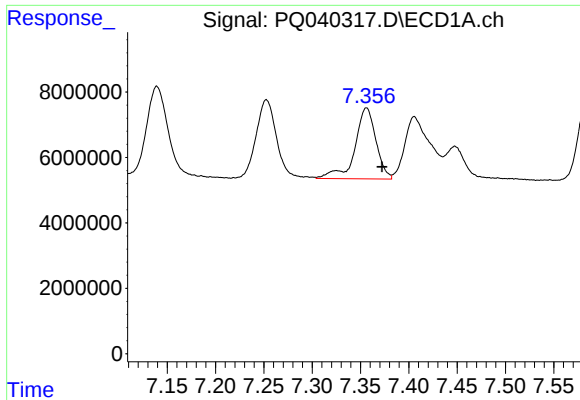
#14 AR-1232-4

R.T.: 7.253 min
Delta R.T.: -0.017 min
Response: 35194203
Conc: 842.00 ng/ml



#14 AR-1232-4

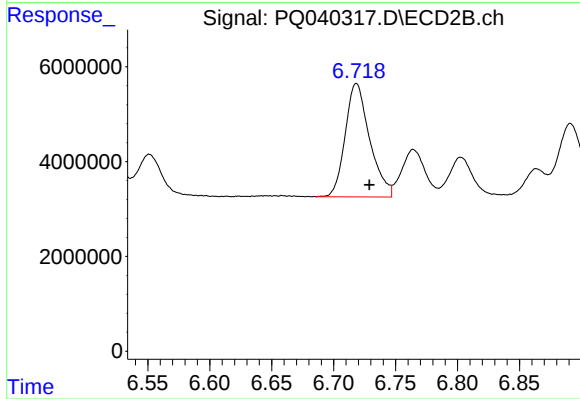
R.T.: 6.515 min
Delta R.T.: -0.011 min
Response: 31411715
Conc: 1063.06 ng/ml



#15 AR-1232-5

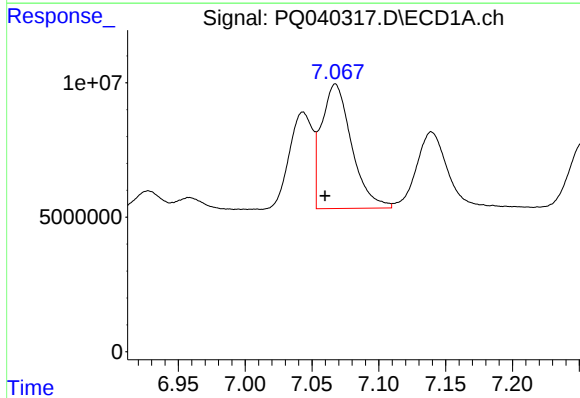
R.T.: 7.356 min
Delta R.T.: -0.016 min
Response: 33066052
Conc: 1043.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



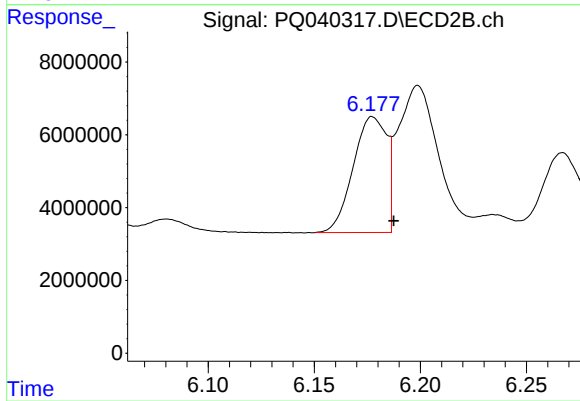
#15 AR-1232-5

R.T.: 6.718 min
Delta R.T.: -0.011 min
Response: 32888342
Conc: 1092.48 ng/ml



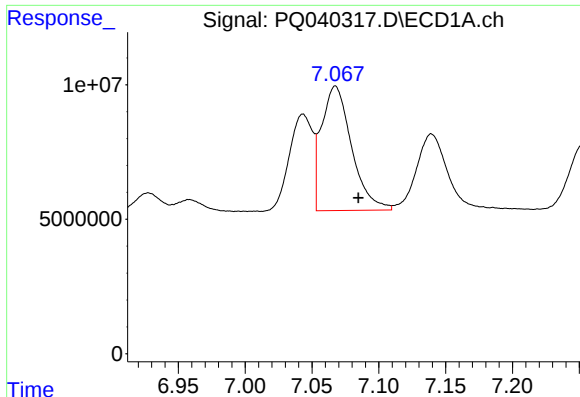
#16 AR-1242-1

R.T.: 7.068 min
Delta R.T.: 0.008 min
Response: 72566332
Conc: 748.45 ng/ml



#16 AR-1242-1

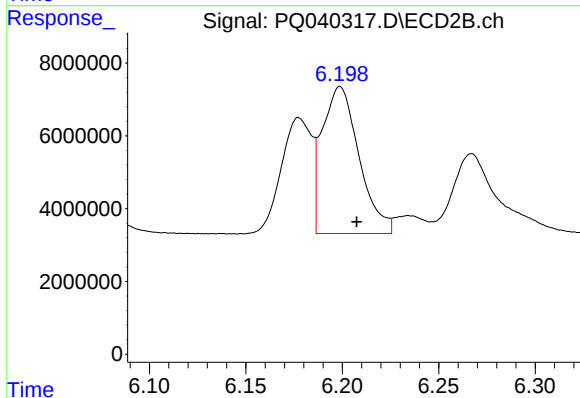
R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 34928473
Conc: 472.34 ng/ml



#17 AR-1242-2

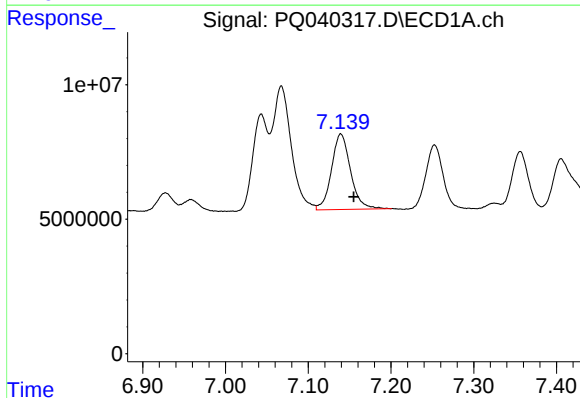
R.T.: 7.068 min
Delta R.T.: -0.017 min
Response: 72566332
Conc: 502.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



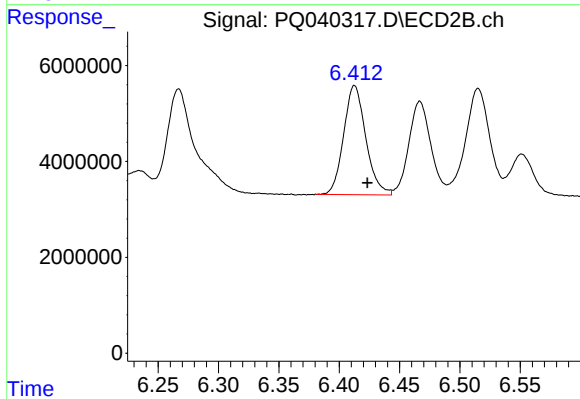
#17 AR-1242-2

R.T.: 6.199 min
Delta R.T.: -0.009 min
Response: 53742968
Conc: 504.82 ng/ml



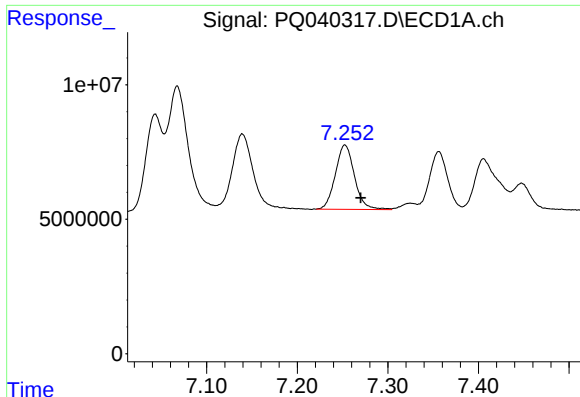
#18 AR-1242-3

R.T.: 7.139 min
Delta R.T.: -0.016 min
Response: 44933759
Conc: 482.69 ng/ml



#18 AR-1242-3

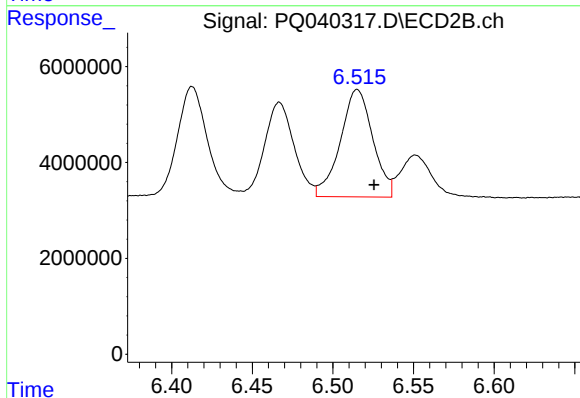
R.T.: 6.413 min
Delta R.T.: -0.011 min
Response: 29134825
Conc: 482.97 ng/ml



#19 AR-1242-4

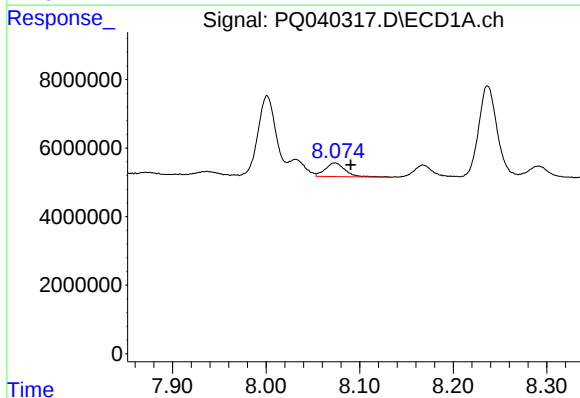
R.T.: 7.253 min
Delta R.T.: -0.017 min
Response: 35194203
Conc: 467.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



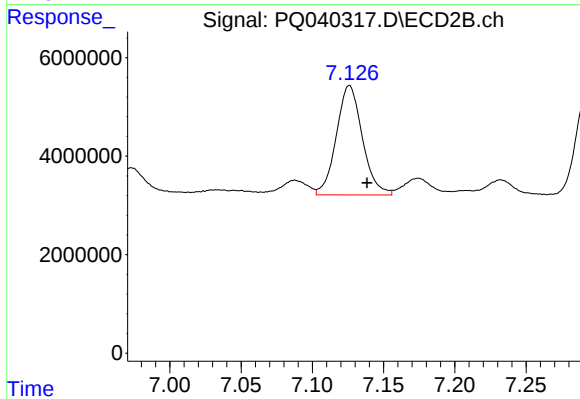
#19 AR-1242-4

R.T.: 6.515 min
Delta R.T.: -0.010 min
Response: 31411715
Conc: 527.04 ng/ml



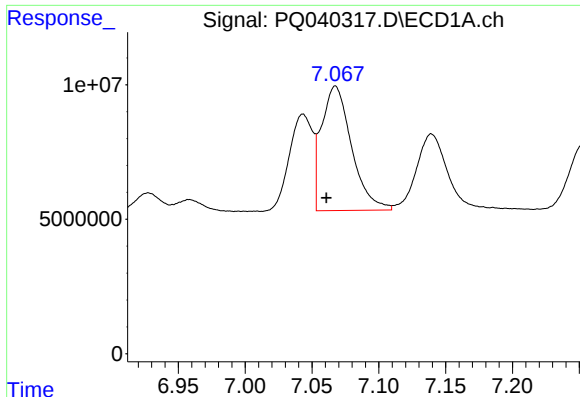
#20 AR-1242-5

R.T.: 8.074 min
Delta R.T.: -0.017 min
Response: 5894668
Conc: 67.99 ng/ml



#20 AR-1242-5

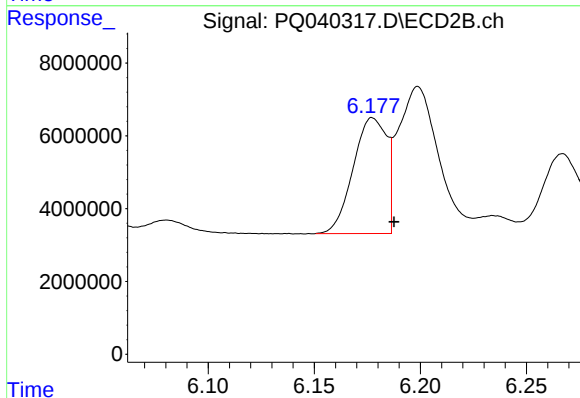
R.T.: 7.126 min
Delta R.T.: -0.012 min
Response: 28264825
Conc: 350.73 ng/ml



#21 AR-1248-1

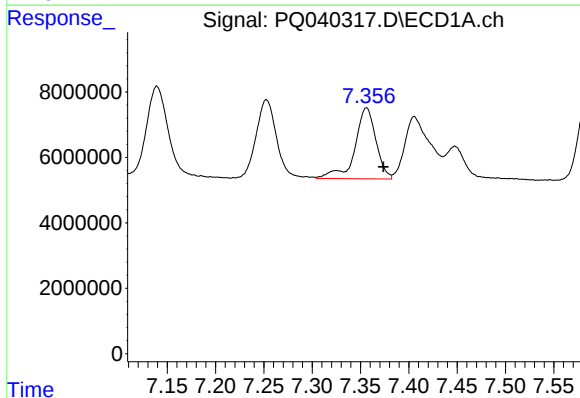
R.T.: 7.068 min
Delta R.T.: 0.007 min
Response: 72566332
Conc: 937.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



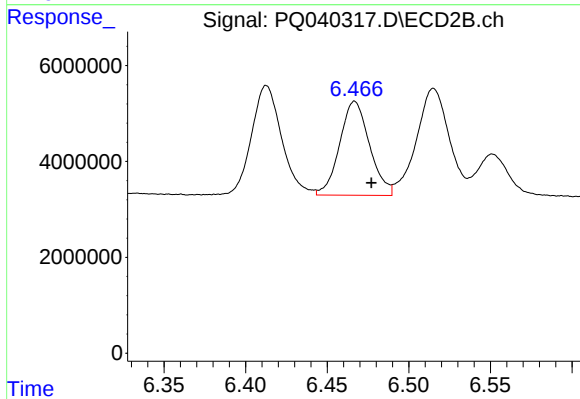
#21 AR-1248-1

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 34928473
Conc: 606.15 ng/ml



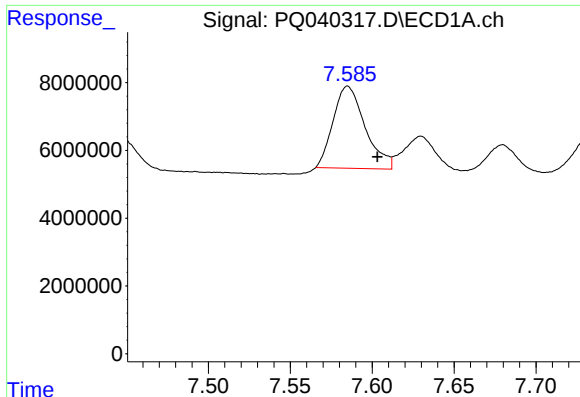
#22 AR-1248-2

R.T.: 7.356 min
Delta R.T.: -0.018 min
Response: 33066052
Conc: 293.58 ng/ml



#22 AR-1248-2

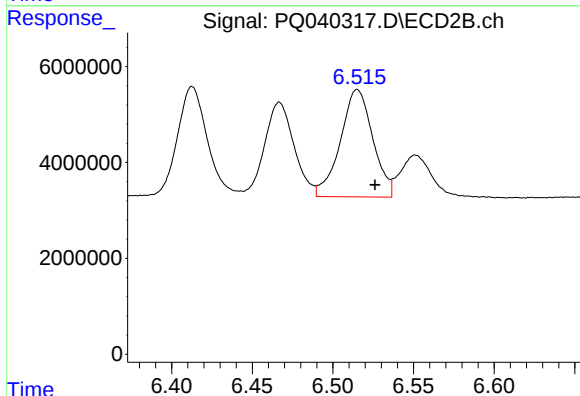
R.T.: 6.467 min
Delta R.T.: -0.010 min
Response: 25027629
Conc: 284.67 ng/ml



#23 AR-1248-3

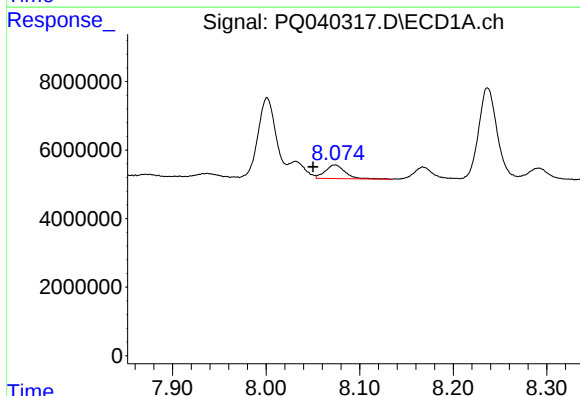
R.T.: 7.585 min
Delta R.T.: -0.018 min
Response: 32956661
Conc: 238.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



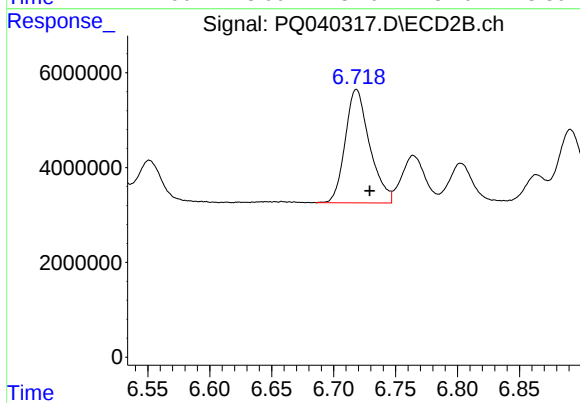
#23 AR-1248-3

R.T.: 6.515 min
Delta R.T.: -0.011 min
Response: 31411715
Conc: 347.15 ng/ml



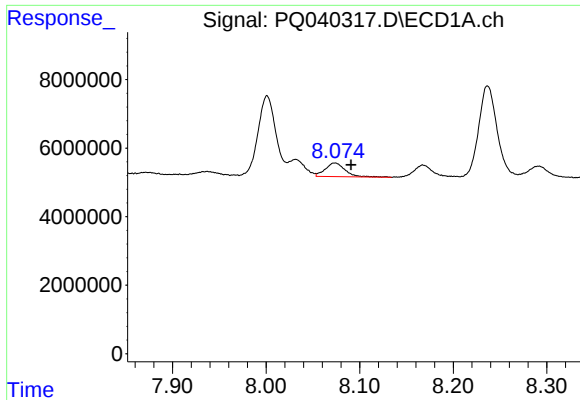
#24 AR-1248-4

R.T.: 8.074 min
Delta R.T.: 0.023 min
Response: 5894668
Conc: 39.05 ng/ml



#24 AR-1248-4

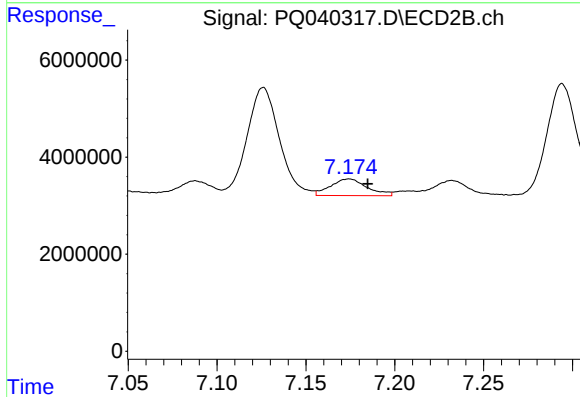
R.T.: 6.718 min
Delta R.T.: -0.011 min
Response: 32888342
Conc: 297.82 ng/ml



#25 AR-1248-5

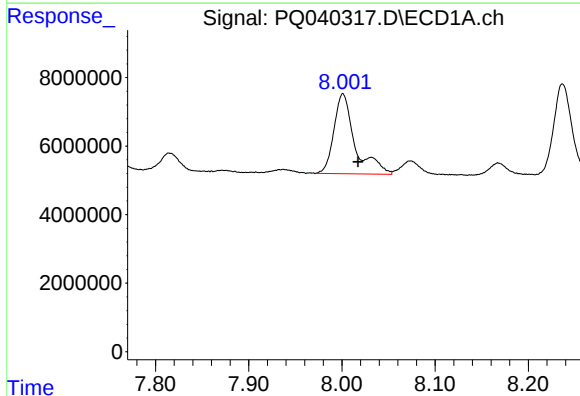
R.T.: 8.074 min
Delta R.T.: -0.017 min
Response: 5894668
Conc: 39.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



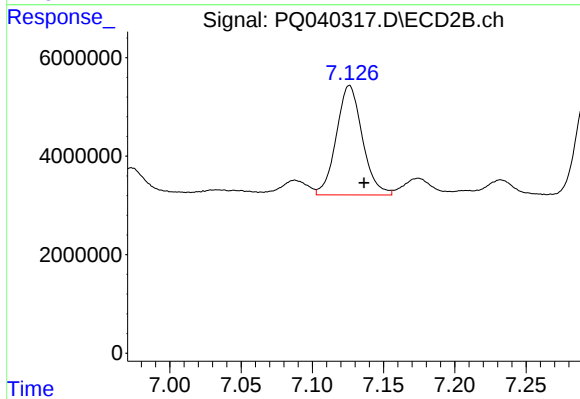
#25 AR-1248-5

R.T.: 7.174 min
Delta R.T.: -0.010 min
Response: 4903558
Conc: 43.19 ng/ml



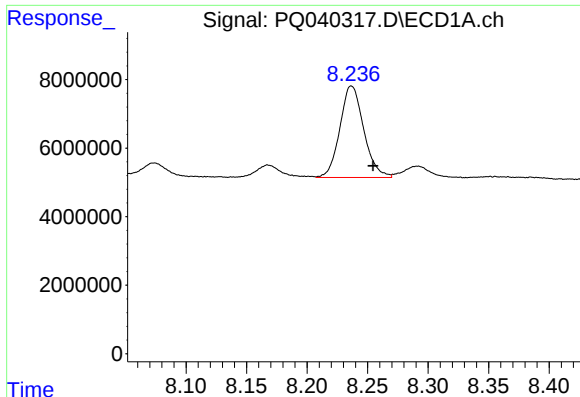
#26 AR-1254-1

R.T.: 8.001 min
Delta R.T.: -0.016 min
Response: 36629123
Conc: 210.04 ng/ml



#26 AR-1254-1

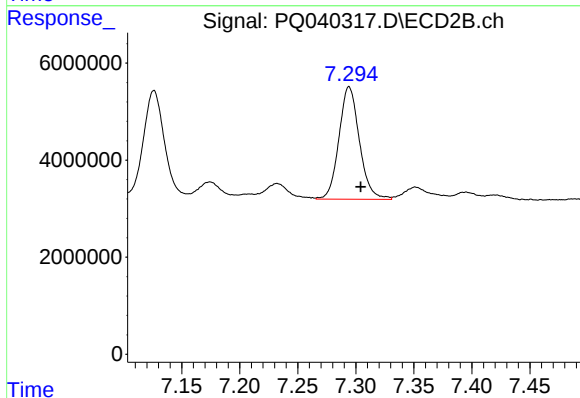
R.T.: 7.126 min
Delta R.T.: -0.010 min
Response: 28264825
Conc: 147.57 ng/ml



#27 AR-1254-2

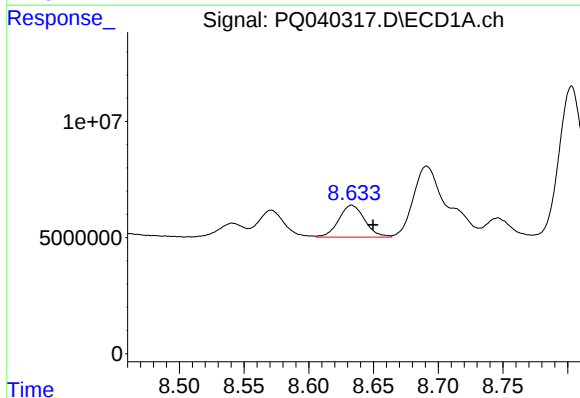
R.T.: 8.237 min
Delta R.T.: -0.018 min
Response: 36653919
Conc: 132.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



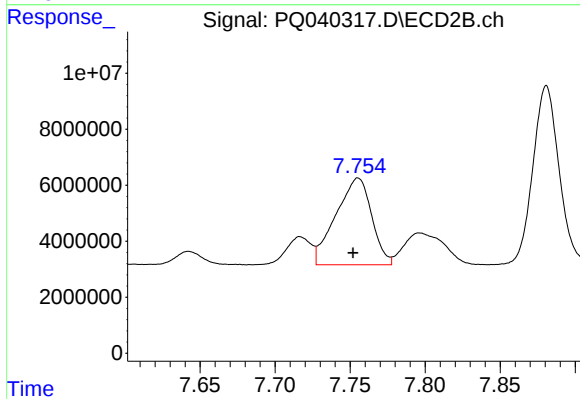
#27 AR-1254-2

R.T.: 7.294 min
Delta R.T.: -0.010 min
Response: 28442686
Conc: 163.72 ng/ml



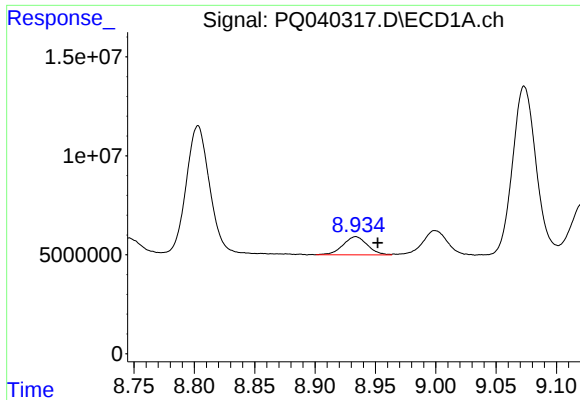
#28 AR-1254-3

R.T.: 8.633 min
Delta R.T.: -0.017 min
Response: 19229844
Conc: 64.79 ng/ml



#28 AR-1254-3

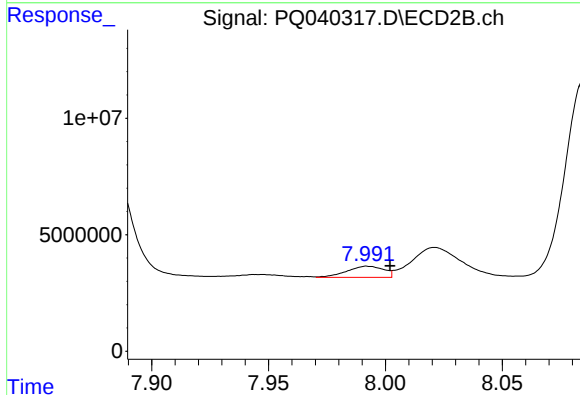
R.T.: 7.755 min
Delta R.T.: 0.003 min
Response: 51511621
Conc: 178.25 ng/ml



#29 AR-1254-4

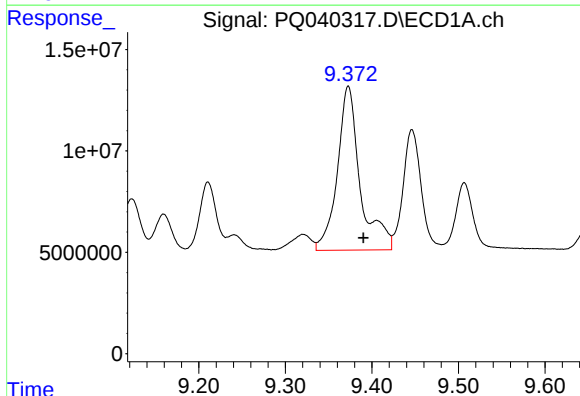
R.T.: 8.934 min
Delta R.T.: -0.018 min
Response: 12877877
Conc: 61.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



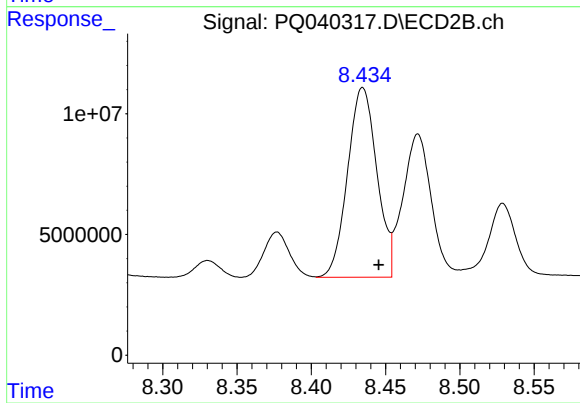
#29 AR-1254-4

R.T.: 7.992 min
Delta R.T.: -0.009 min
Response: 5281742
Conc: 29.58 ng/ml



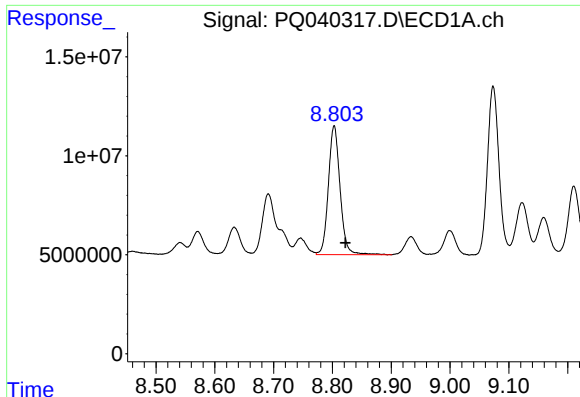
#30 AR-1254-5

R.T.: 9.373 min
Delta R.T.: -0.017 min
Response: 148119715
Conc: 514.32 ng/ml



#30 AR-1254-5

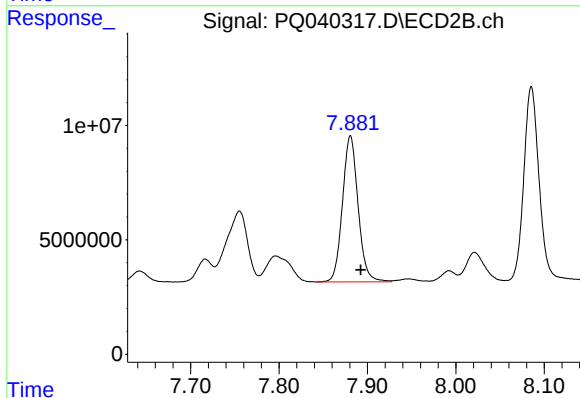
R.T.: 8.435 min
Delta R.T.: -0.011 min
Response: 107832702
Conc: 418.56 ng/ml



#31 AR-1260-1

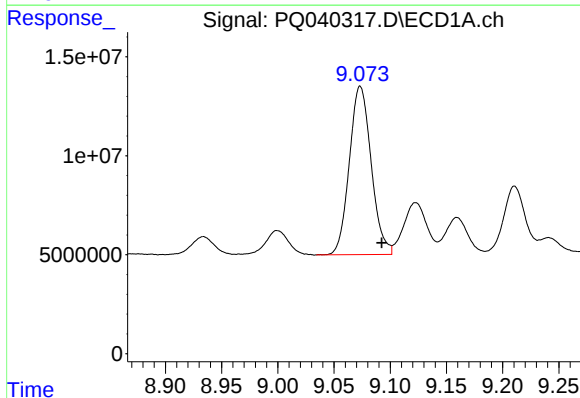
R.T.: 8.803 min
Delta R.T.: -0.019 min
Response: 90112682
Conc: 271.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



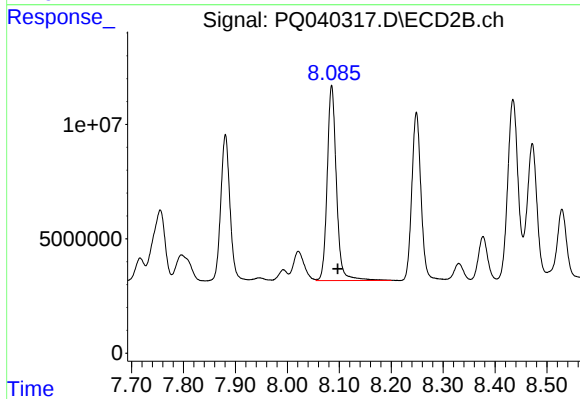
#31 AR-1260-1

R.T.: 7.881 min
Delta R.T.: -0.012 min
Response: 78449918
Conc: 286.17 ng/ml



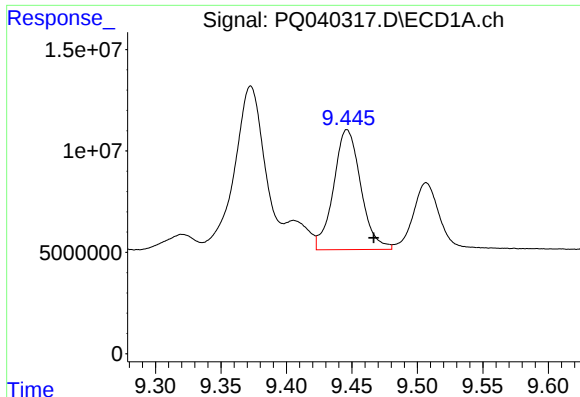
#32 AR-1260-2

R.T.: 9.073 min
Delta R.T.: -0.019 min
Response: 115171744
Conc: 285.10 ng/ml



#32 AR-1260-2

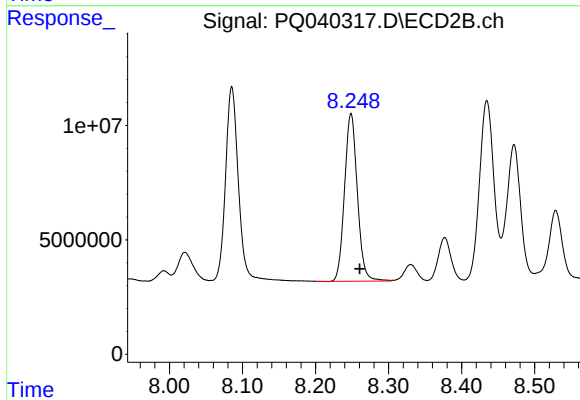
R.T.: 8.085 min
Delta R.T.: -0.012 min
Response: 105458121
Conc: 304.87 ng/ml



#33 AR-1260-3

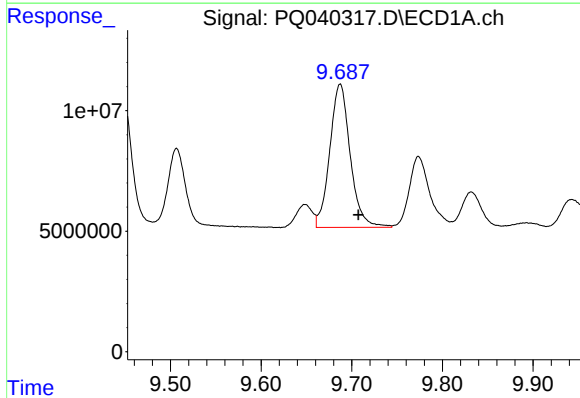
R.T.: 9.446 min
Delta R.T.: -0.020 min
Response: 85712718
Conc: 259.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



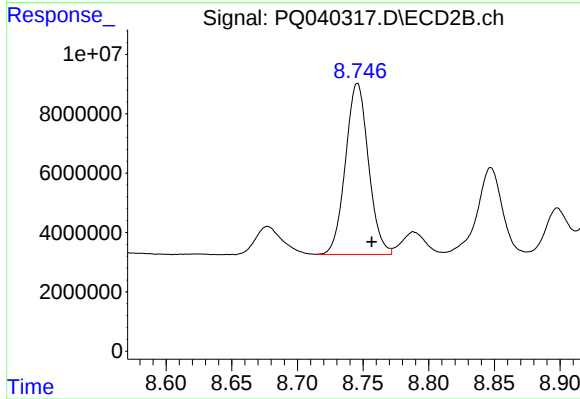
#33 AR-1260-3

R.T.: 8.249 min
Delta R.T.: -0.012 min
Response: 89412093
Conc: 278.80 ng/ml



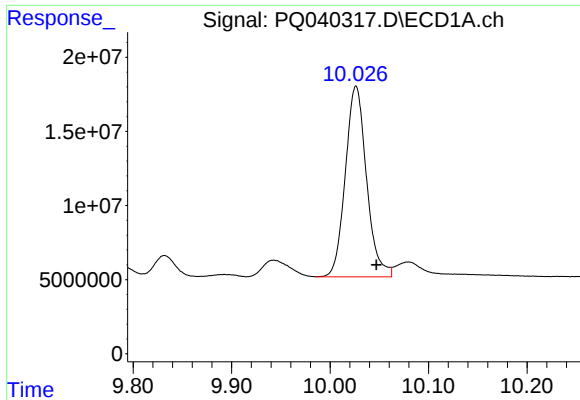
#34 AR-1260-4

R.T.: 9.687 min
Delta R.T.: -0.020 min
Response: 93077863
Conc: 252.56 ng/ml



#34 AR-1260-4

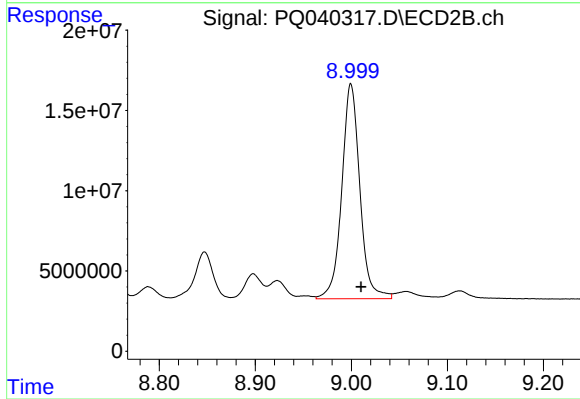
R.T.: 8.746 min
Delta R.T.: -0.011 min
Response: 70338550
Conc: 258.86 ng/ml



#35 AR-1260-5

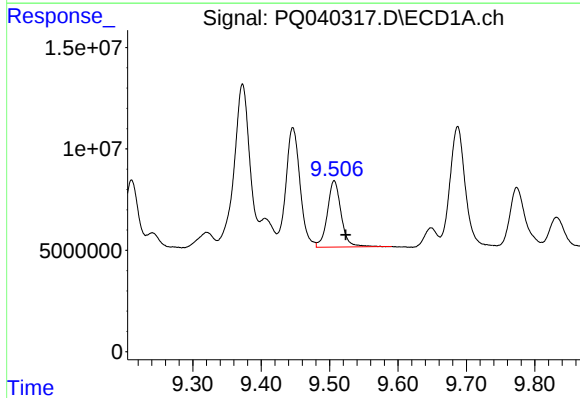
R.T.: 10.026 min
Delta R.T.: -0.021 min
Response: 192409827
Conc: 249.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



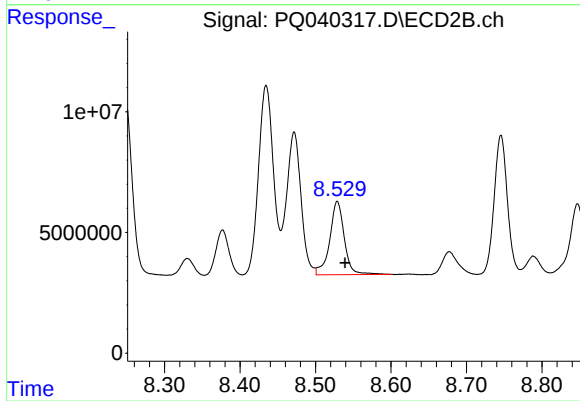
#35 AR-1260-5

R.T.: 9.000 min
Delta R.T.: -0.011 min
Response: 174991252
Conc: 260.33 ng/ml



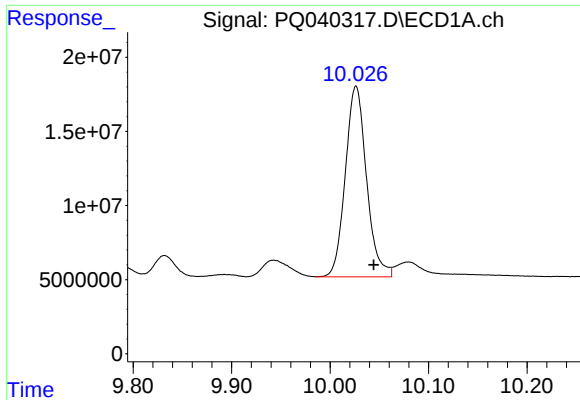
#36 AR-1262-1

R.T.: 9.507 min
Delta R.T.: -0.017 min
Response: 45918118
Conc: 330.31 ng/ml



#36 AR-1262-1

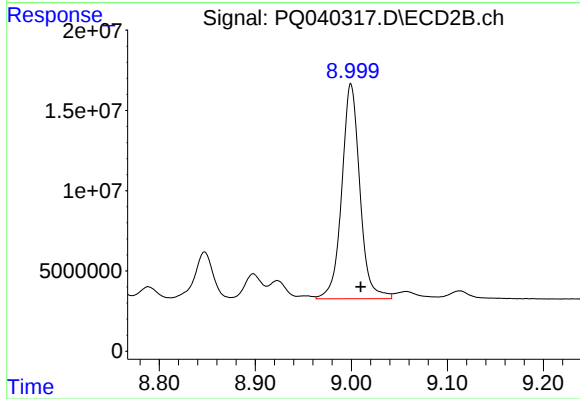
R.T.: 8.529 min
Delta R.T.: -0.010 min
Response: 40950847
Conc: 360.65 ng/ml



#37 AR-1262-2

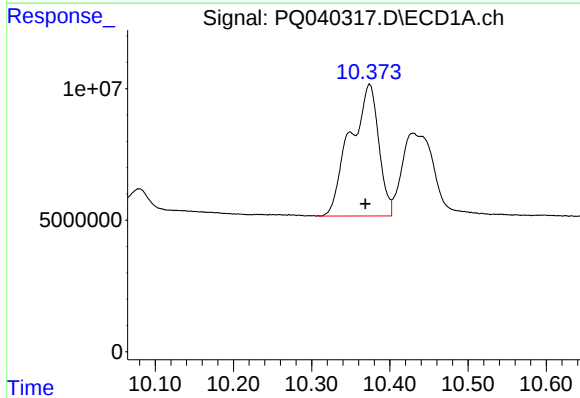
R.T.: 10.026 min
Delta R.T.: -0.018 min
Response: 192409827
Conc: 332.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



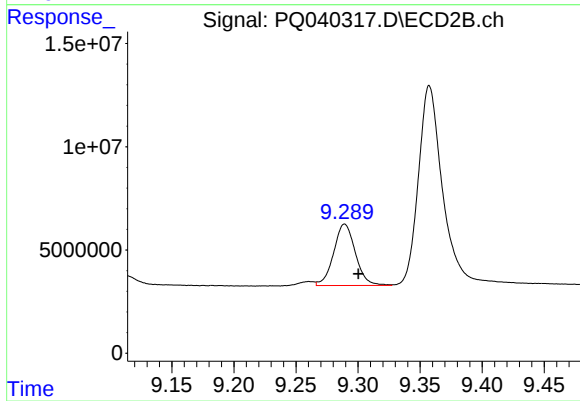
#37 AR-1262-2

R.T.: 9.000 min
Delta R.T.: -0.010 min
Response: 174991252
Conc: 352.71 ng/ml



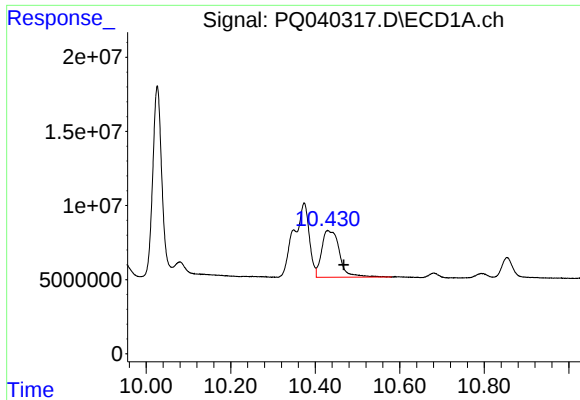
#38 AR-1262-3

R.T.: 10.374 min
Delta R.T.: 0.005 min
Response: 127224308
Conc: 300.90 ng/ml



#38 AR-1262-3

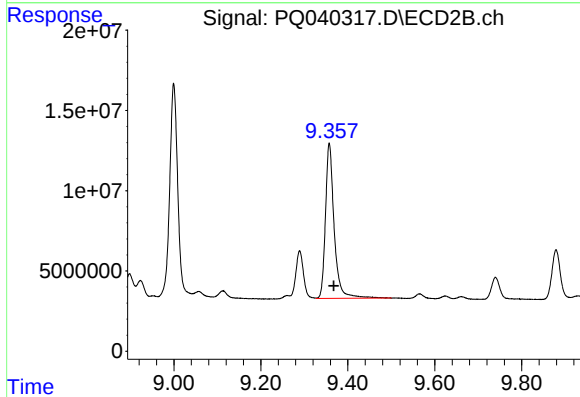
R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 36218755
Conc: 172.26 ng/ml



#39 AR-1262-4

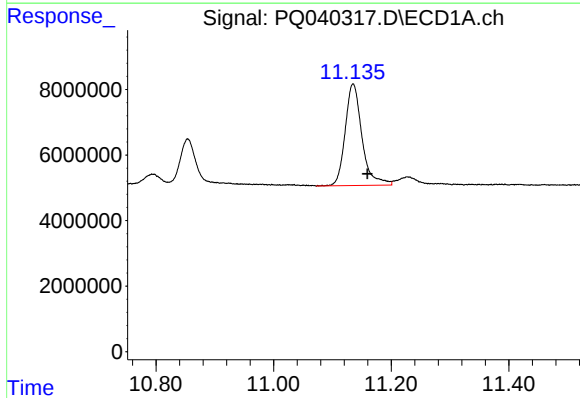
R.T.: 10.430 min
Delta R.T.: -0.037 min
Response: 92249927
Conc: 244.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



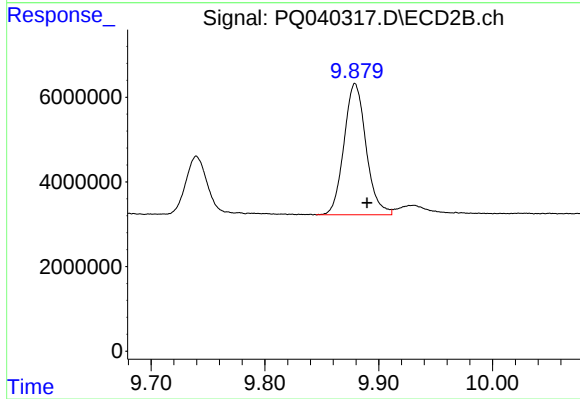
#39 AR-1262-4

R.T.: 9.357 min
Delta R.T.: -0.011 min
Response: 134410397
Conc: 355.00 ng/ml



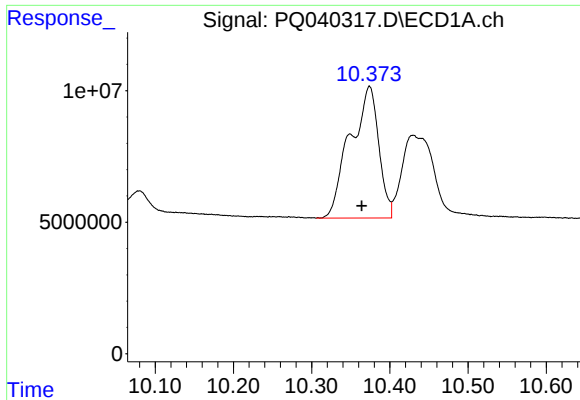
#40 AR-1262-5

R.T.: 11.135 min
Delta R.T.: -0.024 min
Response: 61603793
Conc: 262.19 ng/ml



#40 AR-1262-5

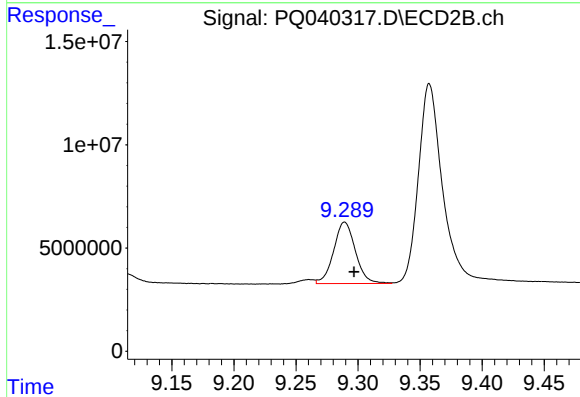
R.T.: 9.879 min
Delta R.T.: -0.011 min
Response: 41781219
Conc: 257.70 ng/ml



#41 AR-1268-1

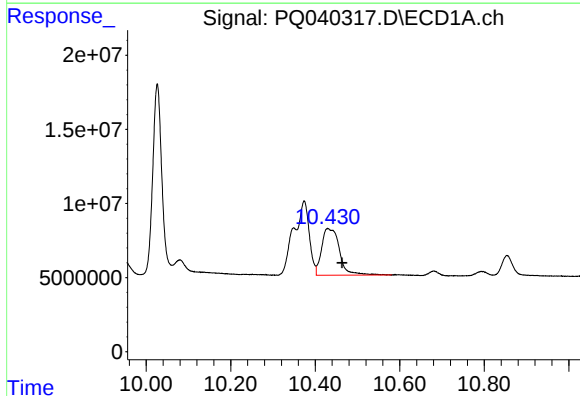
R.T.: 10.374 min
Delta R.T.: 0.010 min
Response: 127224308
Conc: 211.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



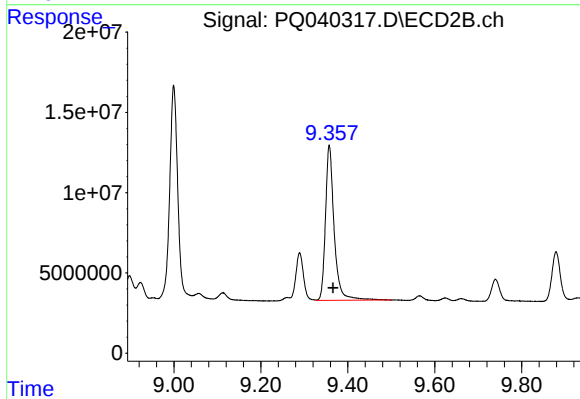
#41 AR-1268-1

R.T.: 9.289 min
Delta R.T.: -0.008 min
Response: 36218755
Conc: 79.37 ng/ml



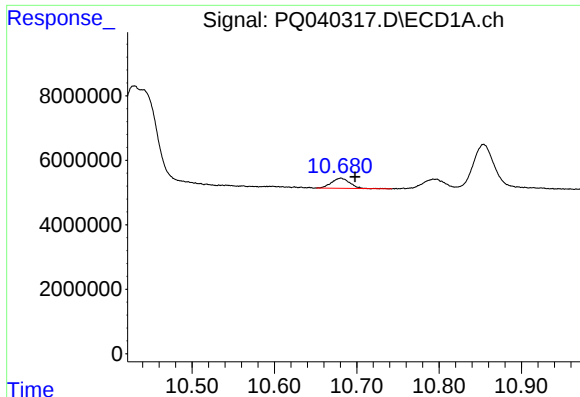
#42 AR-1268-2

R.T.: 10.430 min
Delta R.T.: -0.034 min
Response: 92249927
Conc: 149.92 ng/ml



#42 AR-1268-2

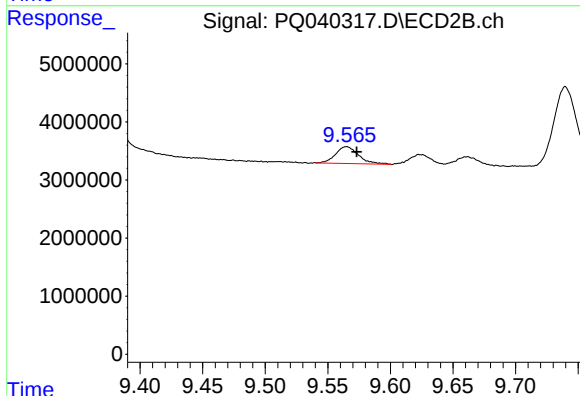
R.T.: 9.357 min
Delta R.T.: -0.008 min
Response: 134410397
Conc: 307.44 ng/ml



#43 AR-1268-3

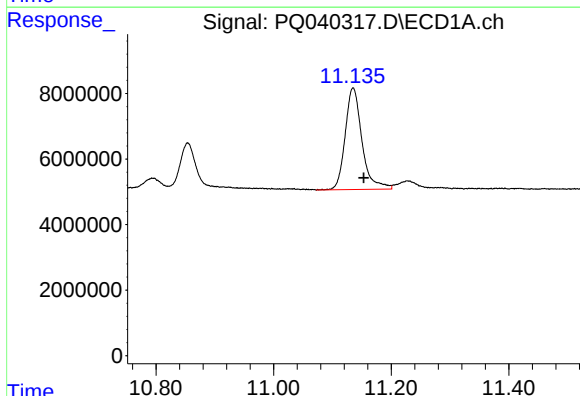
R.T.: 10.681 min
Delta R.T.: -0.017 min
Response: 4830661
Conc: 8.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



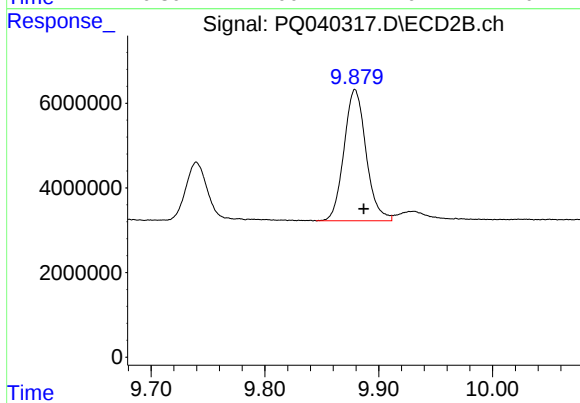
#43 AR-1268-3

R.T.: 9.565 min
Delta R.T.: -0.008 min
Response: 3674759
Conc: 9.79 ng/ml



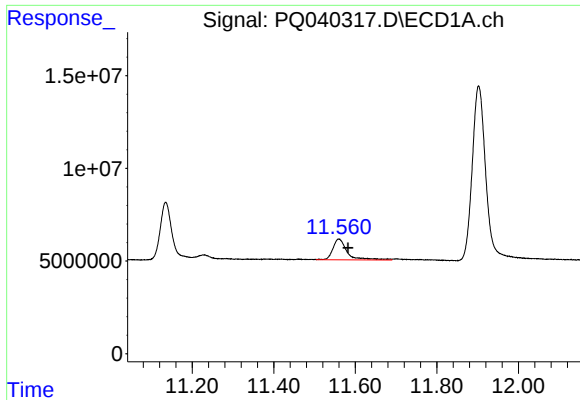
#44 AR-1268-4

R.T.: 11.135 min
Delta R.T.: -0.018 min
Response: 61603793
Conc: 302.03 ng/ml



#44 AR-1268-4

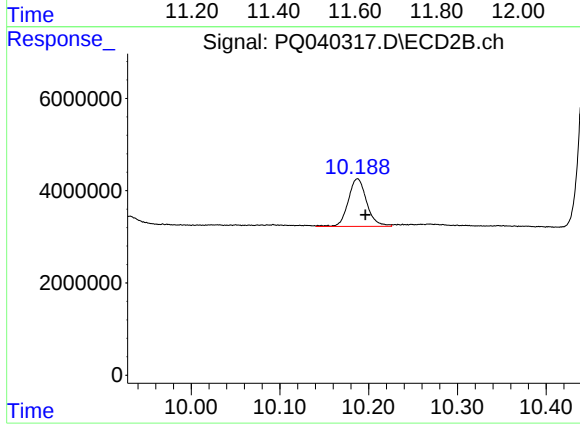
R.T.: 9.879 min
Delta R.T.: -0.008 min
Response: 41781219
Conc: 303.24 ng/ml



#45 AR-1268-5

R.T.: 11.560 min
Delta R.T.: -0.022 min
Response: 27114624
Conc: 14.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH96MS



#45 AR-1268-5

R.T.: 10.187 min
Delta R.T.: -0.009 min
Response: 14912207
Conc: 12.64 ng/ml