

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040180.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 11:44
 Operator : SM\AJ
 Sample : K3020-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMM1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:56:57 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...	5.604	4.737	95297656	58272286	29.090	27.131
2) SA Decachlor...	11.922	10.464	411.0E6	205.1E6	57.542	49.329
Target Compounds						
3) L1 AR-1016-1	7.061	6.202	29215970	-1048602	174.640	N.D. #
4) L1 AR-1016-2	7.061	6.202	29215970	-1048602	111.129	N.D. #
5) L1 AR-1016-3	7.111	6.439	6415523	56491166	37.588	523.797 #
6) L1 AR-1016-4	7.298	6.439	103.4E6	56491166	748.113	663.439
7) L1 AR-1016-5	7.645	6.762	1045712	9004284	7.538	78.203 #
8) L2 AR-1221-1	0.000	5.036	0	2372655	N.D.	96.816 #
9) L2 AR-1221-2	0.000	5.150	0	3038973	N.D.	186.581 #
10) L2 AR-1221-3	0.000	5.260	0	319235	N.D.	5.250 #
11) L3 AR-1232-1	0.000	5.260	0	319235	N.D.	6.967 #
13) L3 AR-1232-3	7.061	6.439	29215970	56491166	361.529	1606.331 #
14) L3 AR-1232-4	7.298	6.547	103.4E6	30205815	2473.949	1022.254 #
15) L3 AR-1232-5	7.354	6.762	13915926	9004284	439.092	299.102 #
16) L4 AR-1242-1	7.061	6.202	29215970	-1048602	301.332	N.D. #
17) L4 AR-1242-2	7.061	6.202	29215970	-1048602	202.161	N.D. #
18) L4 AR-1242-3	7.111	6.439	6415523	56491166	68.917	936.456 #
19) L4 AR-1242-4	7.298	6.547	103.4E6	30205815	1374.901	506.806 #
20) L4 AR-1242-5	8.111	7.095	66177274	395.3E6	763.347	4904.811 #
21) L5 AR-1248-1	7.061	6.202	29215970	-1048602	377.455	N.D. #
22) L5 AR-1248-2	7.354	6.439	13915926	56491166	123.552	642.533 #
23) L5 AR-1248-3	7.645	6.547	1045712	30205815	7.576	333.827 #
24) L5 AR-1248-4	8.043	6.762	374.1E6	9004284	2478.208	81.539 #
25) L5 AR-1248-5	8.111	7.217	66177274	5102388	439.545	44.941 #
26) L6 AR-1254-1	8.043	7.095	374.1E6	395.3E6	2145.336	2063.690
27) L6 AR-1254-2	8.254	7.302	279.6E6	10471774	1010.907	60.276 #
28) L6 AR-1254-3	8.647	7.772	11066610	16263594	37.288	56.279 #
29) L6 AR-1254-4	8.967	8.032	34812288	13131055	167.505	73.544 #
30) L6 AR-1254-5	9.379	8.454	169.4E6	147.3E6	588.340	571.564
31) L7 AR-1260-1	8.794	7.896	810.2E6	312.8E6	2437.256	1141.209 #
32) L7 AR-1260-2	9.082	8.127	22605557	492.0E6	55.959	1422.357 #
33) L7 AR-1260-3	9.458	8.258	53218565	4013531	161.323	12.515 #
34) L7 AR-1260-4	9.707	8.747	43808891	43007855	118.874	158.280 #
35) L7 AR-1260-5	10.037	9.020	103.9E6	599.4E6	134.985	891.729 #
36) L8 AR-1262-1	9.536	8.538	415.1E6	13810191	2985.986	121.626 #
37) L8 AR-1262-2	10.037	9.020	103.9E6	599.4E6	179.606	1208.131 #
38) L8 AR-1262-3	10.361	9.297	198.6E6	116.8E6	469.597	555.450
39) L8 AR-1262-4	10.461	9.365	209.2E6	117.9E6	553.755	311.474 #
40) L8 AR-1262-5	11.150	9.887	136.1E6	80538975	579.241	496.750
41) L9 AR-1268-1	10.361	9.297	198.6E6	116.8E6	329.616	255.916
42) L9 AR-1268-2	10.461	9.365	209.2E6	117.9E6	339.908	269.752

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:56:57 2019
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 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	10.695	9.573	99891211	61343186	183.901	163.404
44) L9	AR-1268-4	11.150	9.887	136.1E6	80538975	667.268	584.529
45) L9	AR-1268-5	11.578	10.197	422.5E6	230.3E6	228.659	195.106

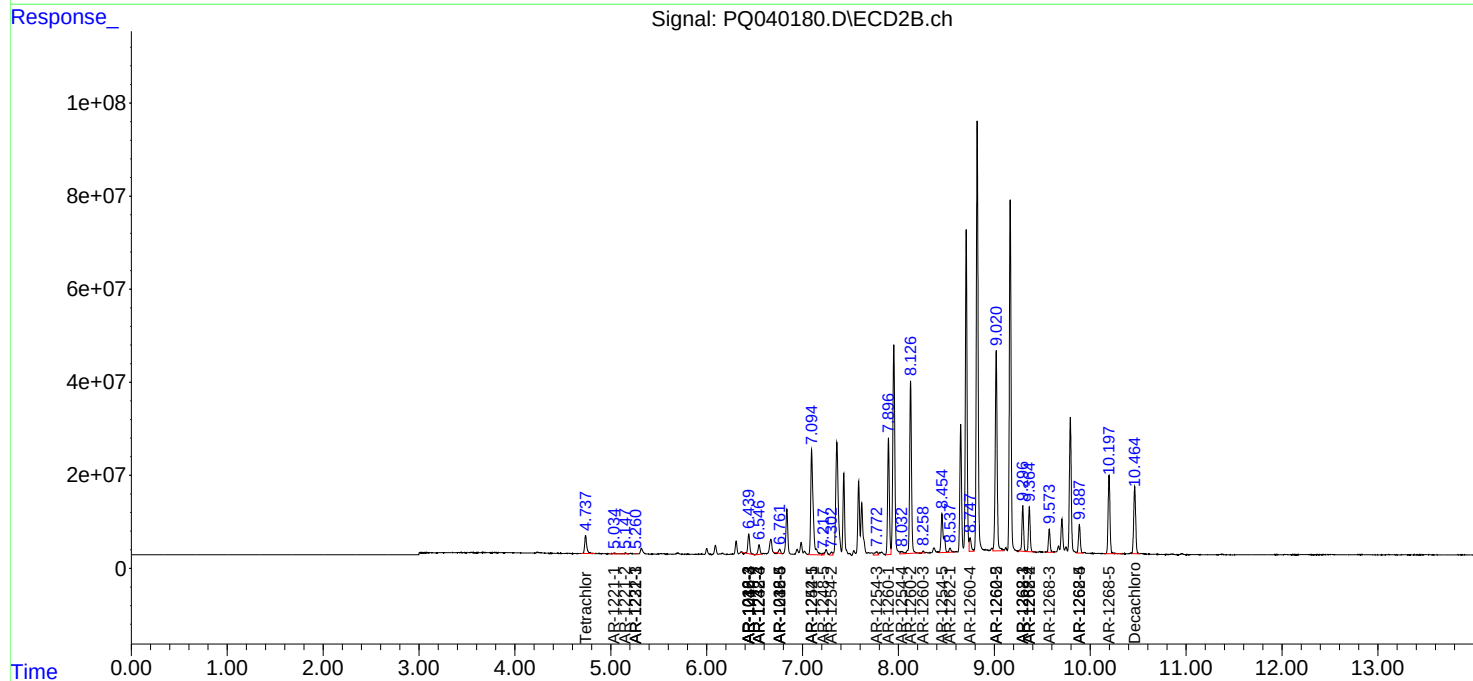
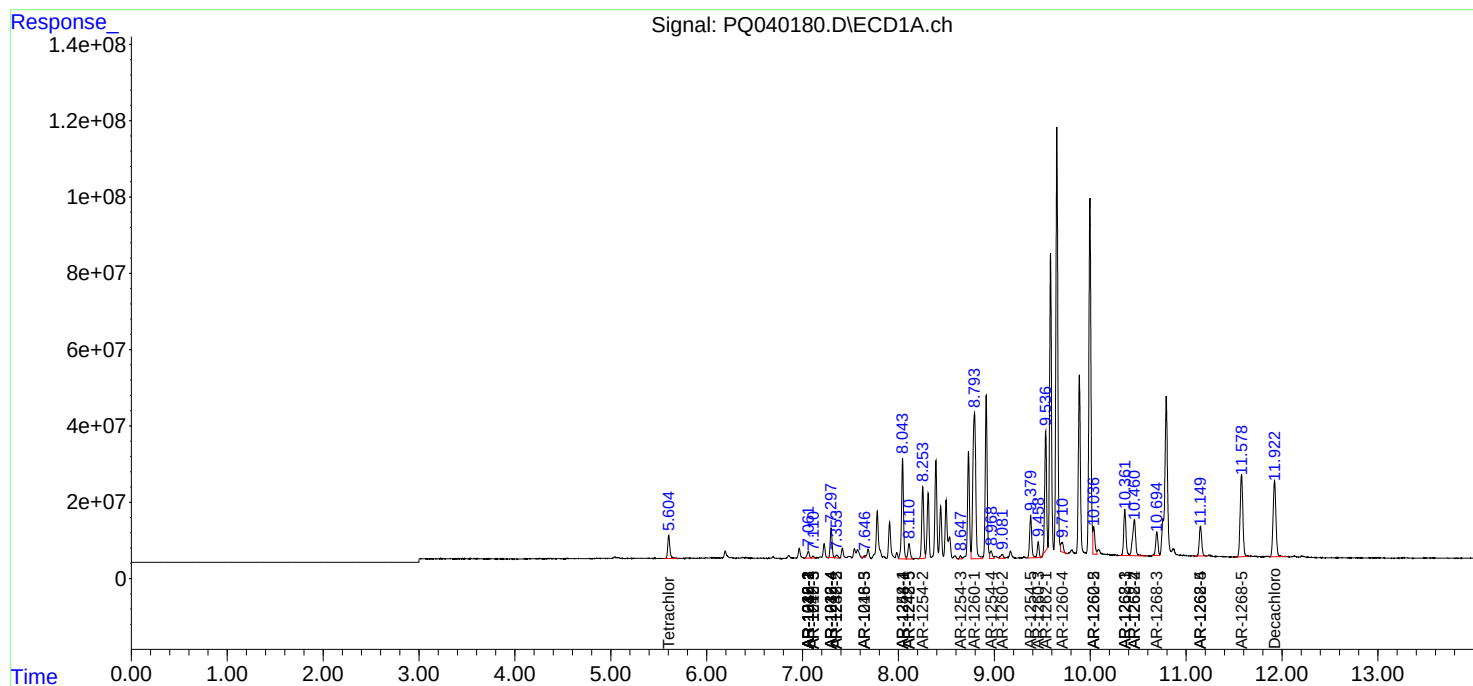
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

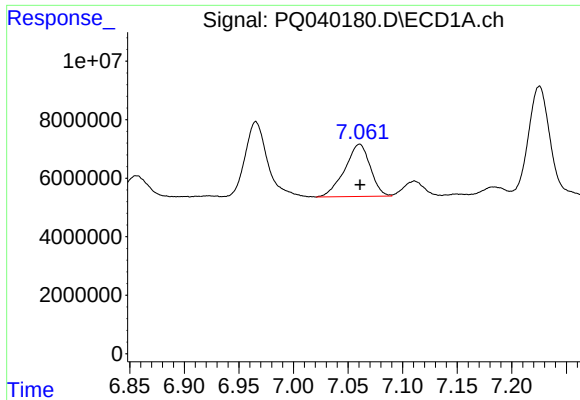
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
Data File : PQ040180.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2019 11:44
Operator : SM\AJ
Sample : K3020-15
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Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 22:56:57 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

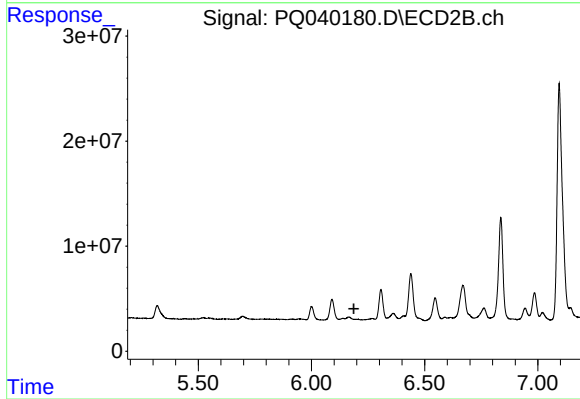




#3 AR-1016-1

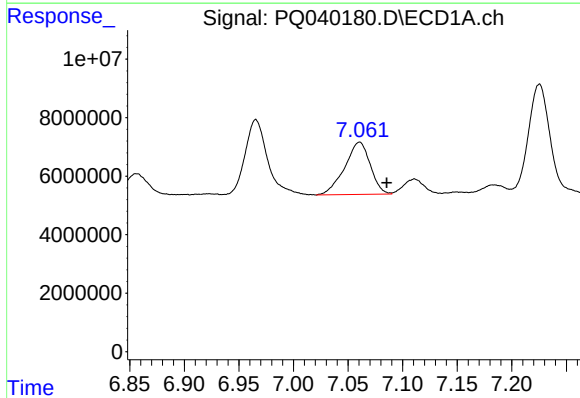
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 29215970
Conc: 174.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



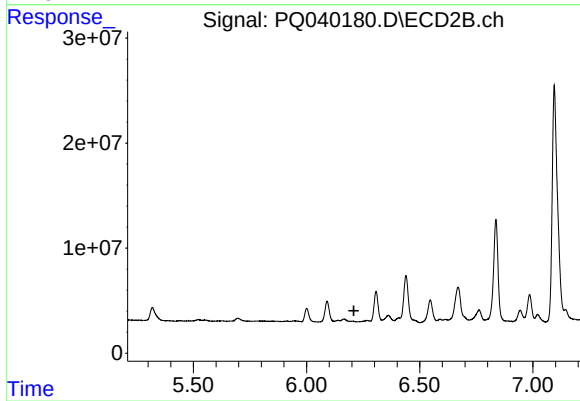
#3 AR-1016-1

R.T.: 6.202 min
Delta R.T.: 0.014 min
Response: -1048602
Conc: N.D.



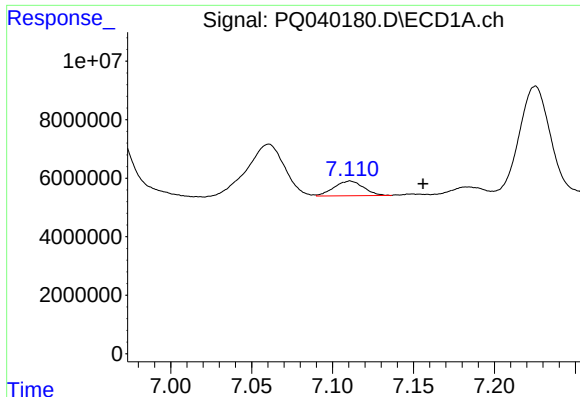
#4 AR-1016-2

R.T.: 7.061 min
Delta R.T.: -0.025 min
Response: 29215970
Conc: 111.13 ng/ml



#4 AR-1016-2

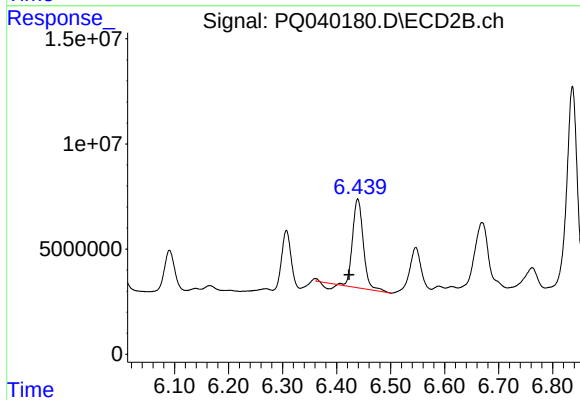
R.T.: 6.202 min
Delta R.T.: -0.007 min
Response: -1048602
Conc: N.D.



#5 AR-1016-3

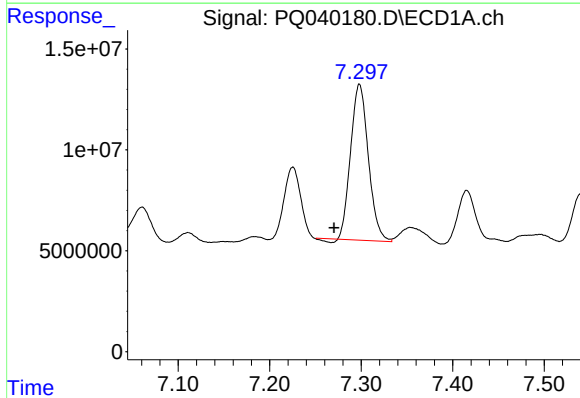
R.T.: 7.111 min
Delta R.T.: -0.045 min
Response: 6415523
Conc: 37.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



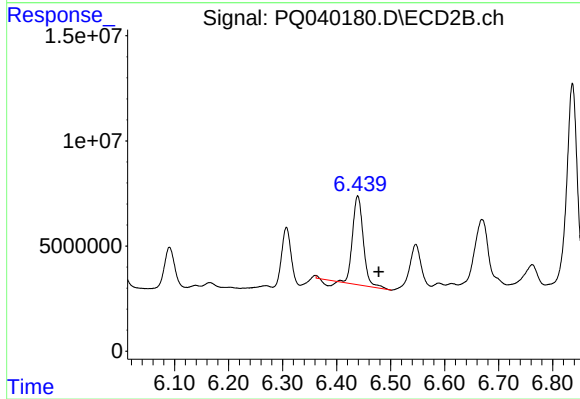
#5 AR-1016-3

R.T.: 6.439 min
Delta R.T.: 0.016 min
Response: 56491166
Conc: 523.80 ng/ml



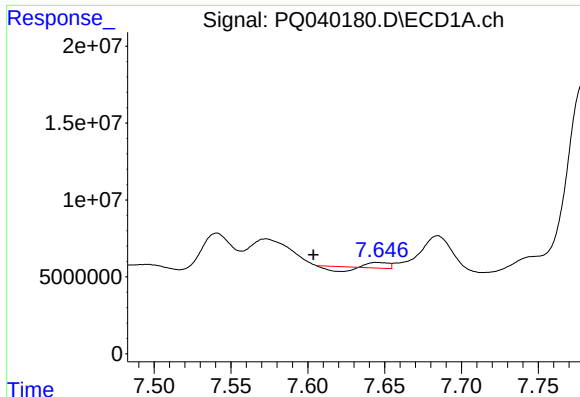
#6 AR-1016-4

R.T.: 7.298 min
Delta R.T.: 0.028 min
Response: 103407094
Conc: 748.11 ng/ml



#6 AR-1016-4

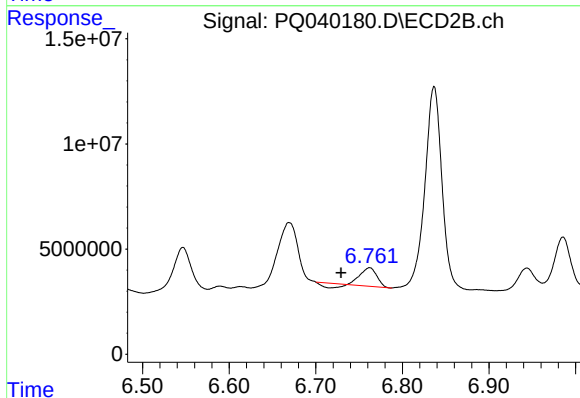
R.T.: 6.439 min
Delta R.T.: -0.039 min
Response: 56491166
Conc: 663.44 ng/ml



#7 AR-1016-5

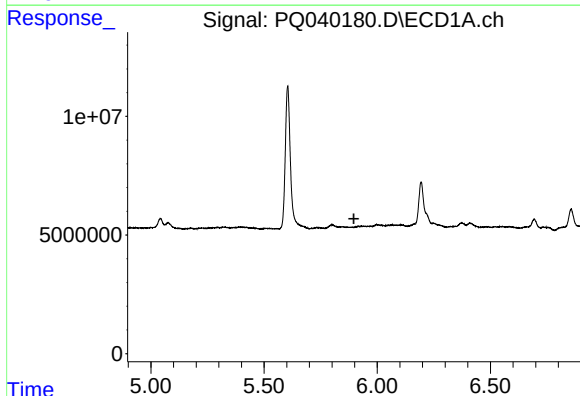
R.T.: 7.645 min
Delta R.T.: 0.041 min
Response: 1045712
Conc: 7.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



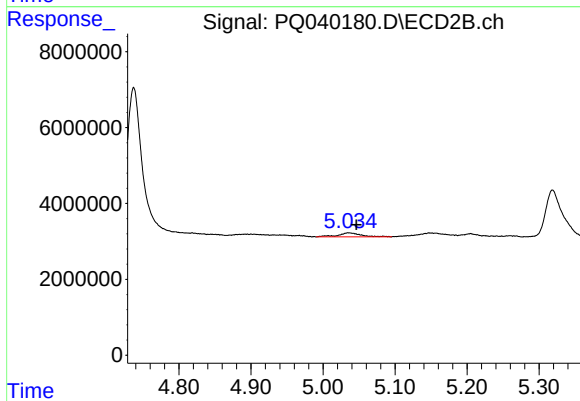
#7 AR-1016-5

R.T.: 6.762 min
Delta R.T.: 0.032 min
Response: 9004284
Conc: 78.20 ng/ml



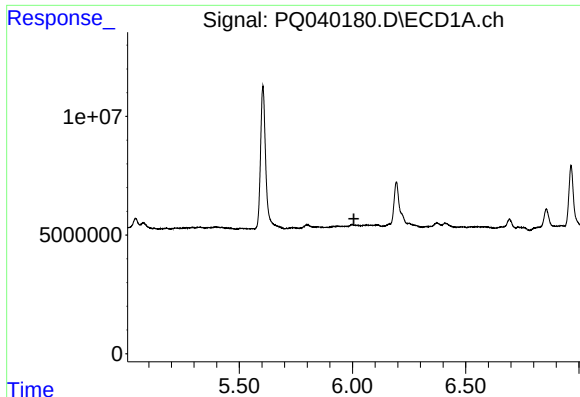
#8 AR-1221-1

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



#8 AR-1221-1

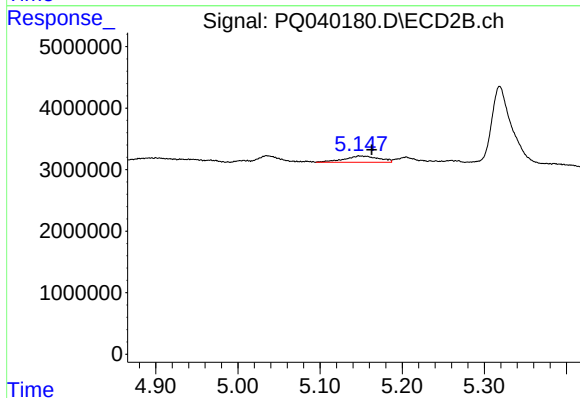
R.T.: 5.036 min
Delta R.T.: -0.010 min
Response: 2372655
Conc: 96.82 ng/ml



#9 AR-1221-2

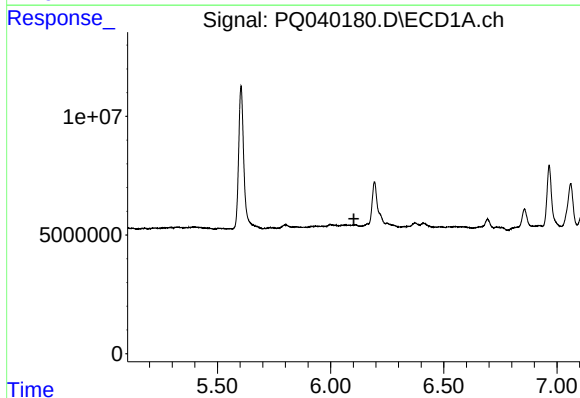
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM1



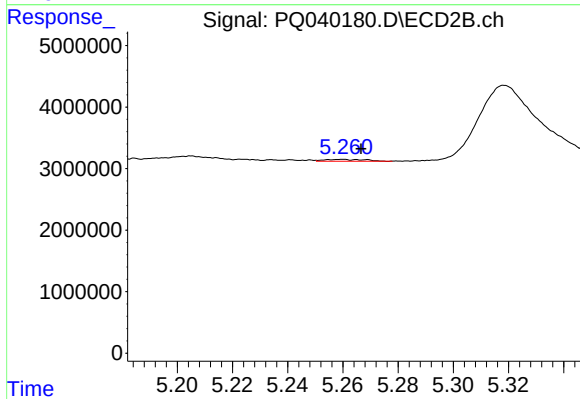
#9 AR-1221-2

R.T.: 5.150 min
Delta R.T.: -0.013 min
Response: 3038973
Conc: 186.58 ng/ml



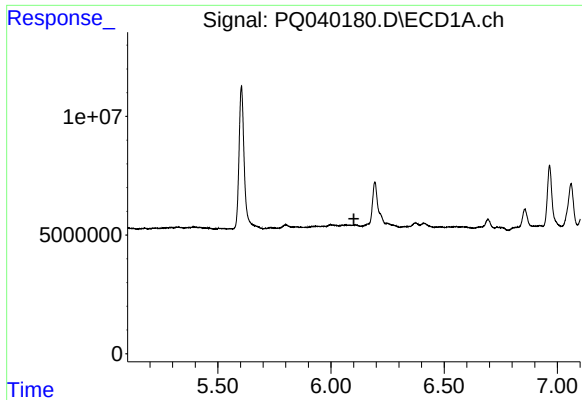
#10 AR-1221-3

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



#10 AR-1221-3

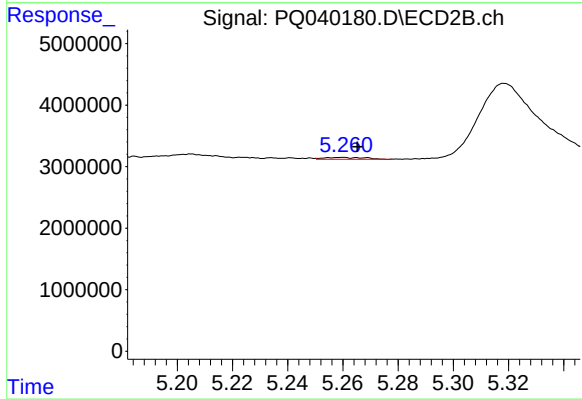
R.T.: 5.260 min
Delta R.T.: -0.007 min
Response: 319235
Conc: 5.25 ng/ml



#11 AR-1232-1

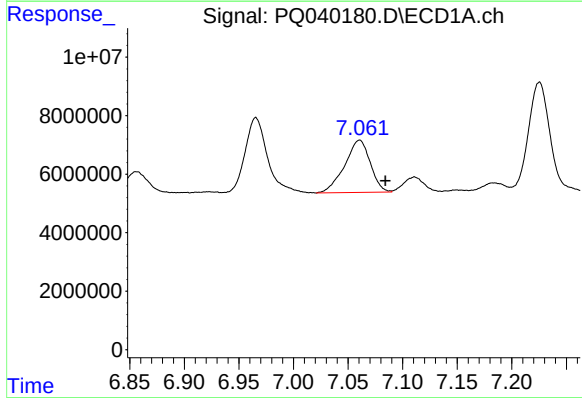
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM1



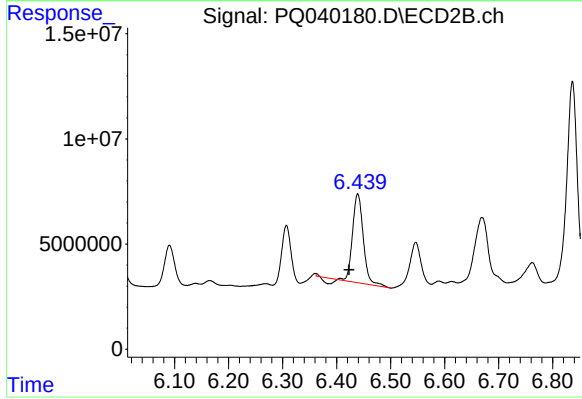
#11 AR-1232-1

R.T.: 5.260 min
Delta R.T.: -0.006 min
Response: 319235
Conc: 6.97 ng/ml



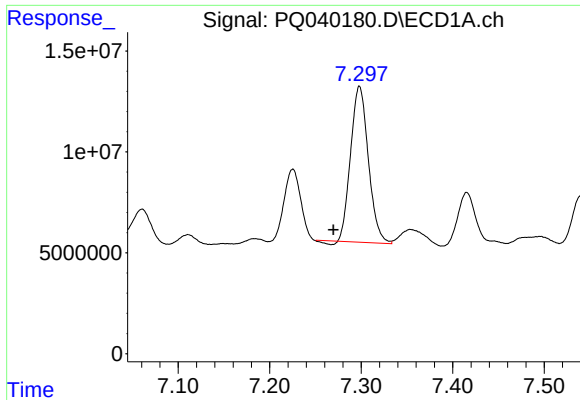
#13 AR-1232-3

R.T.: 7.061 min
Delta R.T.: -0.024 min
Response: 29215970
Conc: 361.53 ng/ml



#13 AR-1232-3

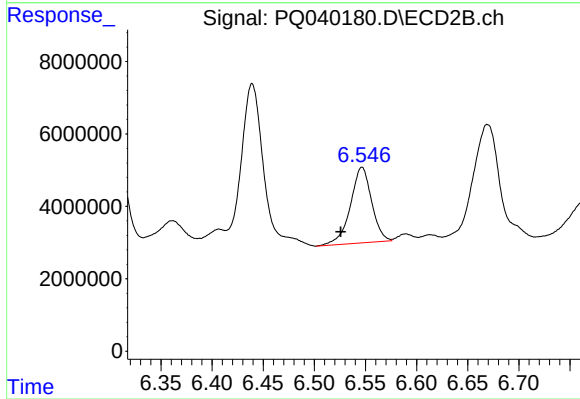
R.T.: 6.439 min
Delta R.T.: 0.016 min
Response: 56491166
Conc: 1606.33 ng/ml



#14 AR-1232-4

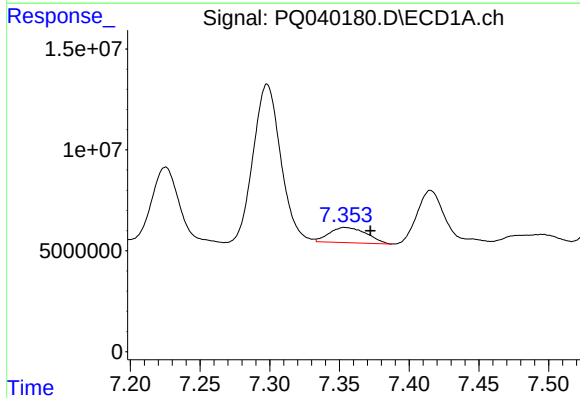
R.T.: 7.298 min
Delta R.T.: 0.028 min
Response: 103407094
Conc: 2473.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



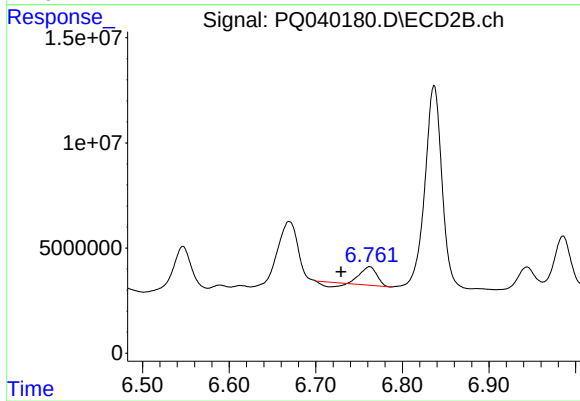
#14 AR-1232-4

R.T.: 6.547 min
Delta R.T.: 0.021 min
Response: 30205815
Conc: 1022.25 ng/ml



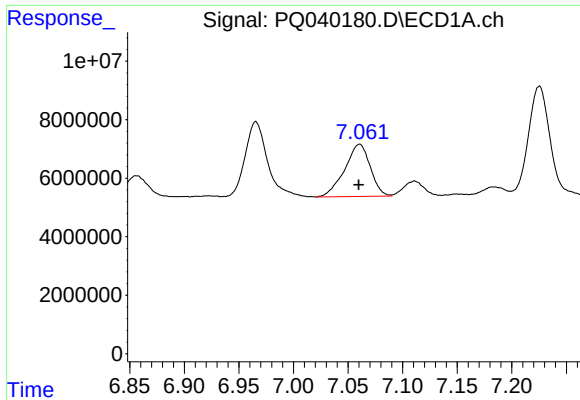
#15 AR-1232-5

R.T.: 7.354 min
Delta R.T.: -0.018 min
Response: 13915926
Conc: 439.09 ng/ml



#15 AR-1232-5

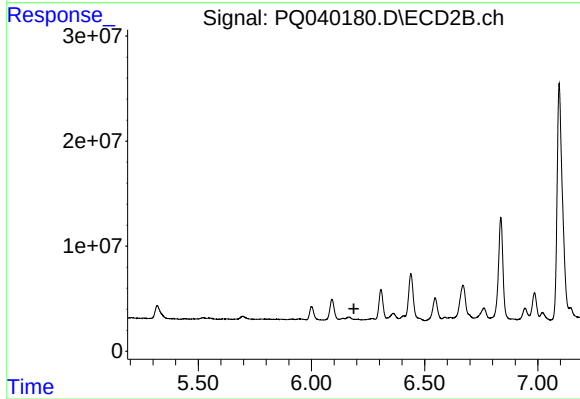
R.T.: 6.762 min
Delta R.T.: 0.033 min
Response: 9004284
Conc: 299.10 ng/ml



#16 AR-1242-1

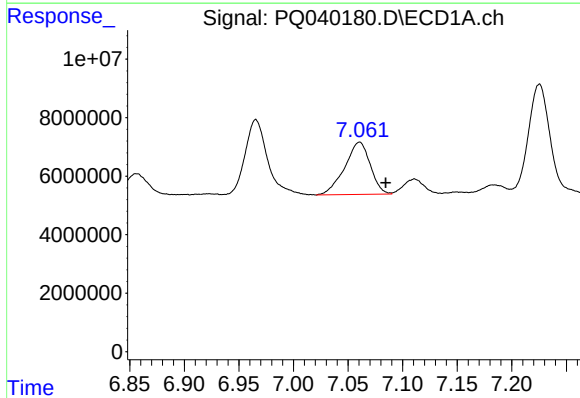
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 29215970
Conc: 301.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



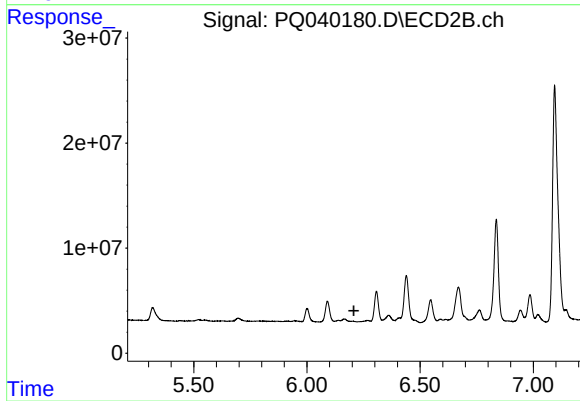
#16 AR-1242-1

R.T.: 6.202 min
Delta R.T.: 0.015 min
Response: -1048602
Conc: N.D.



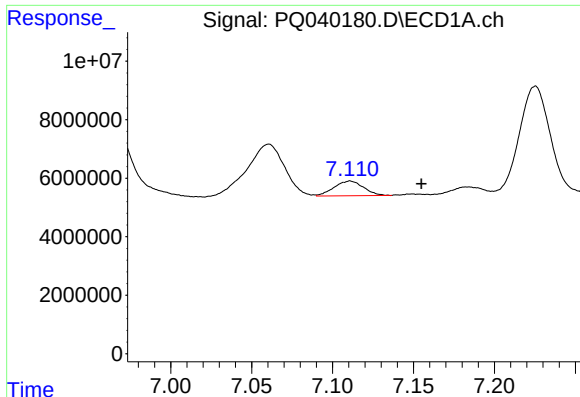
#17 AR-1242-2

R.T.: 7.061 min
Delta R.T.: -0.024 min
Response: 29215970
Conc: 202.16 ng/ml



#17 AR-1242-2

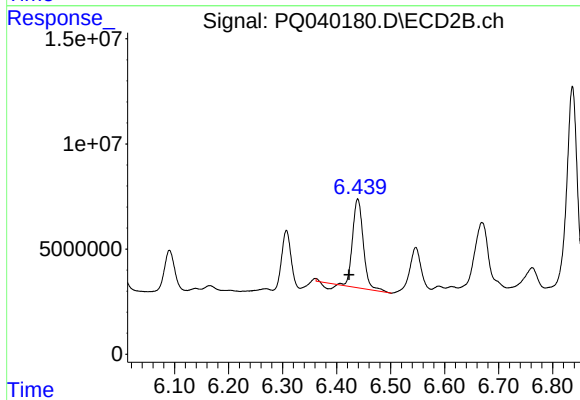
R.T.: 6.202 min
Delta R.T.: -0.005 min
Response: -1048602
Conc: N.D.



#18 AR-1242-3

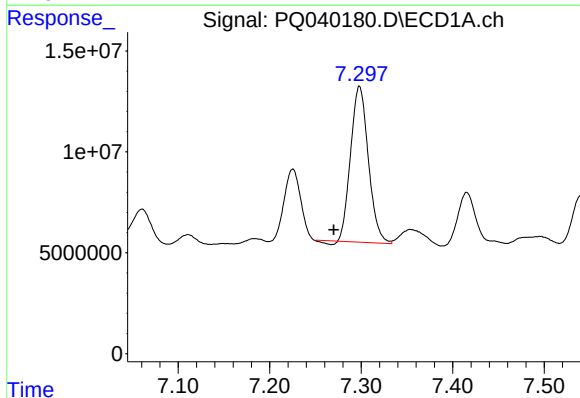
R.T.: 7.111 min
Delta R.T.: -0.044 min
Response: 6415523
Conc: 68.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



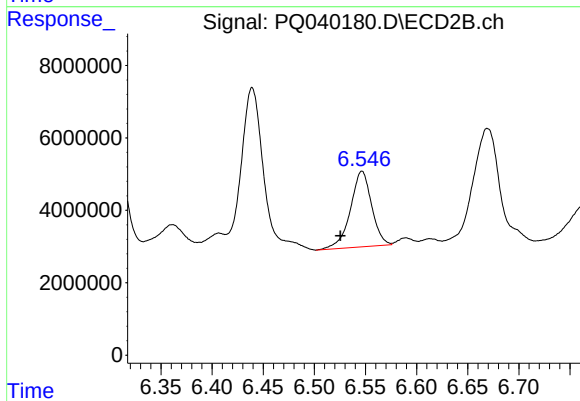
#18 AR-1242-3

R.T.: 6.439 min
Delta R.T.: 0.016 min
Response: 56491166
Conc: 936.46 ng/ml



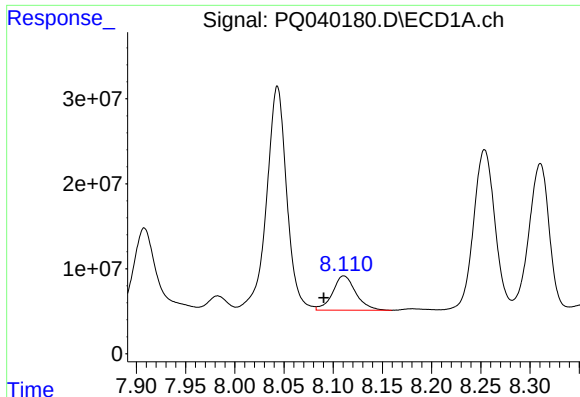
#19 AR-1242-4

R.T.: 7.298 min
Delta R.T.: 0.028 min
Response: 103407094
Conc: 1374.90 ng/ml



#19 AR-1242-4

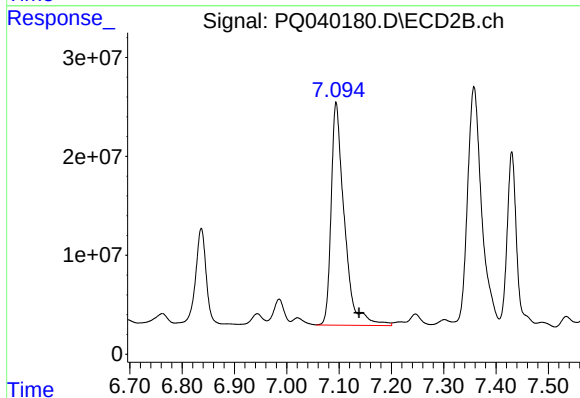
R.T.: 6.547 min
Delta R.T.: 0.021 min
Response: 30205815
Conc: 506.81 ng/ml



#20 AR-1242-5

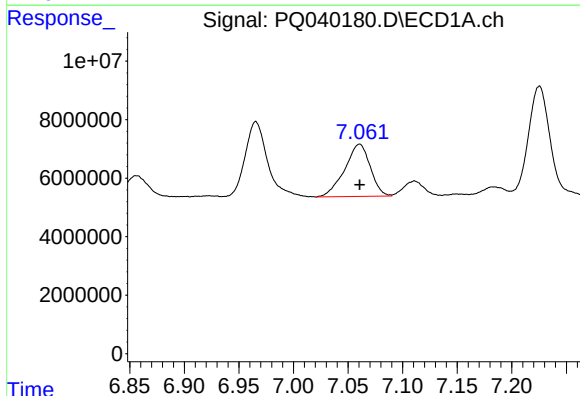
R.T.: 8.111 min
Delta R.T.: 0.020 min
Response: 66177274
Conc: 763.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



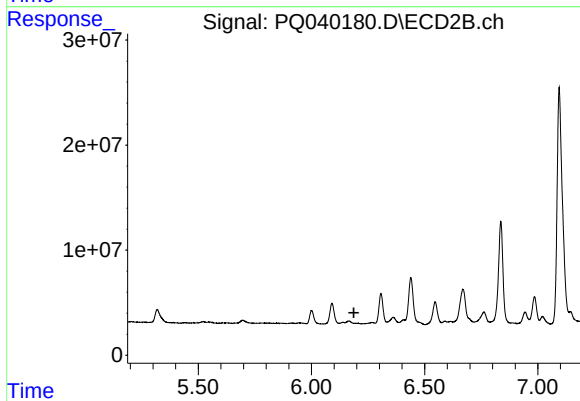
#20 AR-1242-5

R.T.: 7.095 min
Delta R.T.: -0.044 min
Response: 395270849
Conc: 4904.81 ng/ml



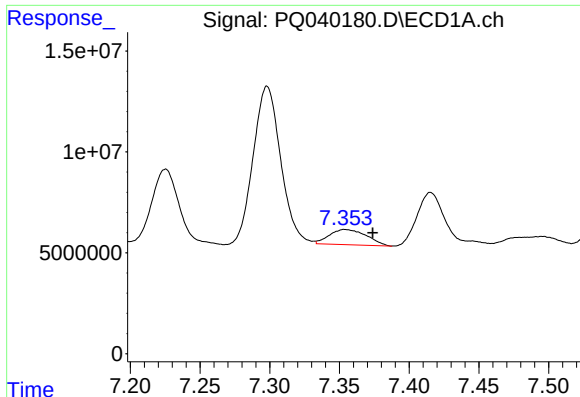
#21 AR-1248-1

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 29215970
Conc: 377.46 ng/ml



#21 AR-1248-1

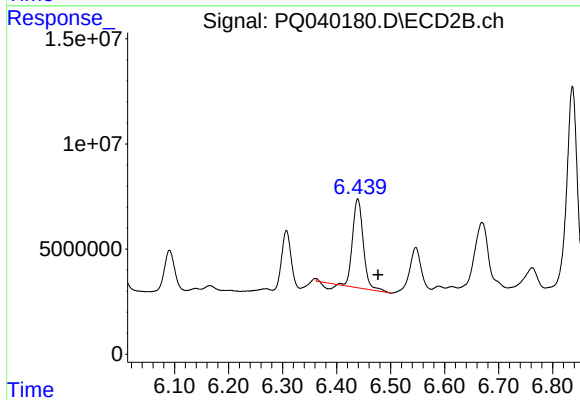
R.T.: 6.202 min
Delta R.T.: 0.014 min
Response: -1048602
Conc: N.D.



#22 AR-1248-2

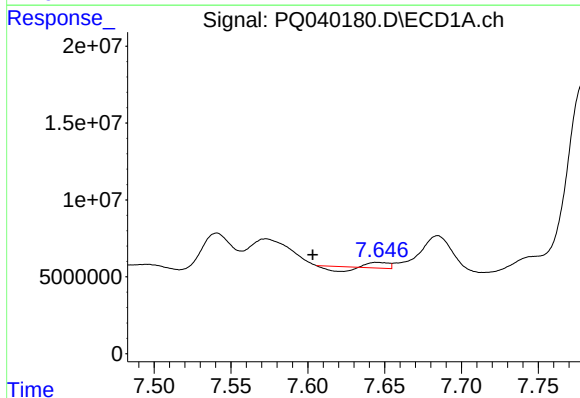
R.T.: 7.354 min
Delta R.T.: -0.020 min
Response: 13915926
Conc: 123.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



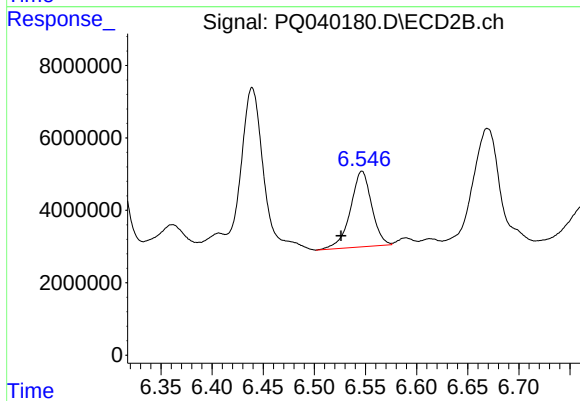
#22 AR-1248-2

R.T.: 6.439 min
Delta R.T.: -0.038 min
Response: 56491166
Conc: 642.53 ng/ml



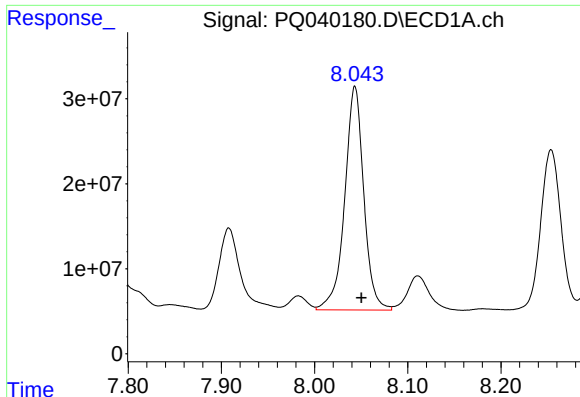
#23 AR-1248-3

R.T.: 7.645 min
Delta R.T.: 0.042 min
Response: 1045712
Conc: 7.58 ng/ml



#23 AR-1248-3

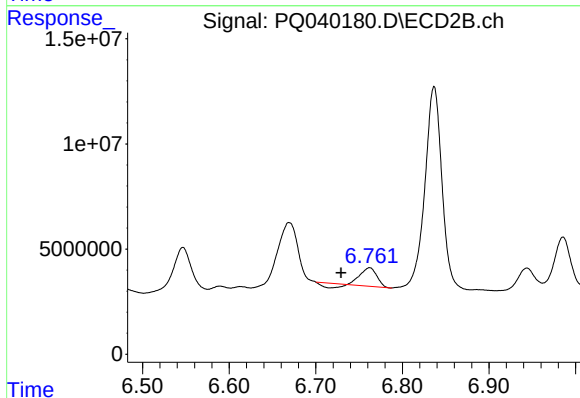
R.T.: 6.547 min
Delta R.T.: 0.020 min
Response: 30205815
Conc: 333.83 ng/ml



#24 AR-1248-4

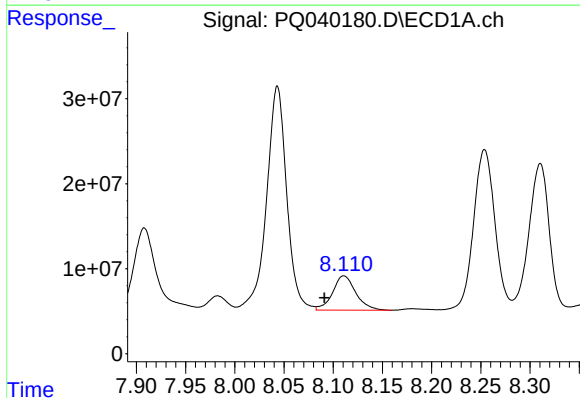
R.T.: 8.043 min
Delta R.T.: -0.007 min
Response: 374134349
Conc: 2478.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



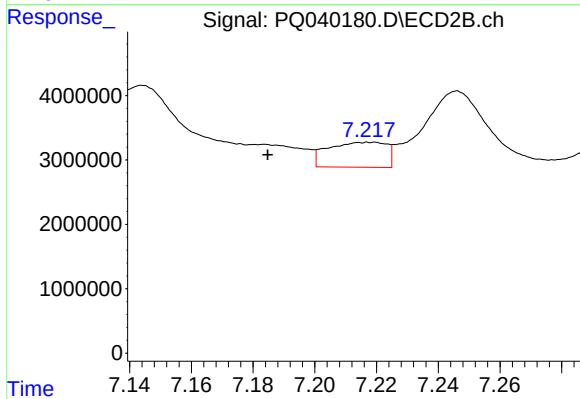
#24 AR-1248-4

R.T.: 6.762 min
Delta R.T.: 0.033 min
Response: 9004284
Conc: 81.54 ng/ml



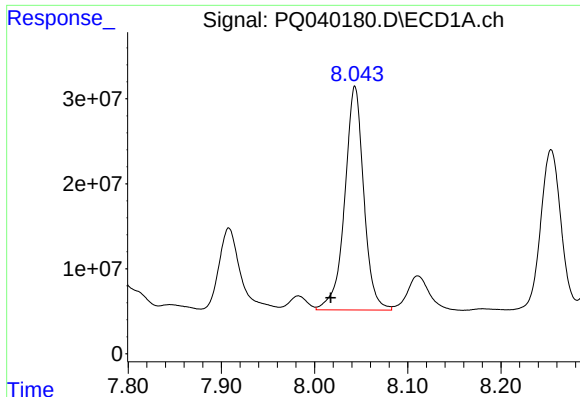
#25 AR-1248-5

R.T.: 8.111 min
Delta R.T.: 0.020 min
Response: 66177274
Conc: 439.55 ng/ml



#25 AR-1248-5

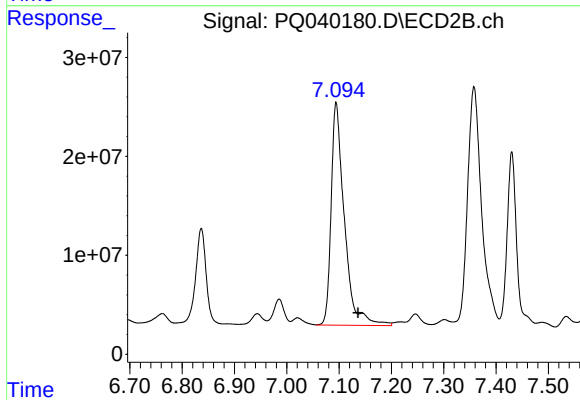
R.T.: 7.217 min
Delta R.T.: 0.033 min
Response: 5102388
Conc: 44.94 ng/ml



#26 AR-1254-1

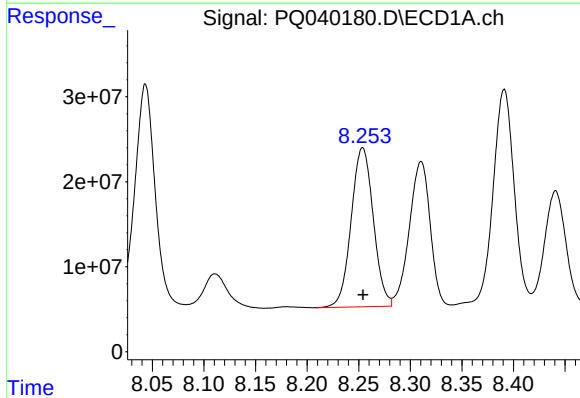
R.T.: 8.043 min
Delta R.T.: 0.026 min
Response: 374134349
Conc: 2145.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



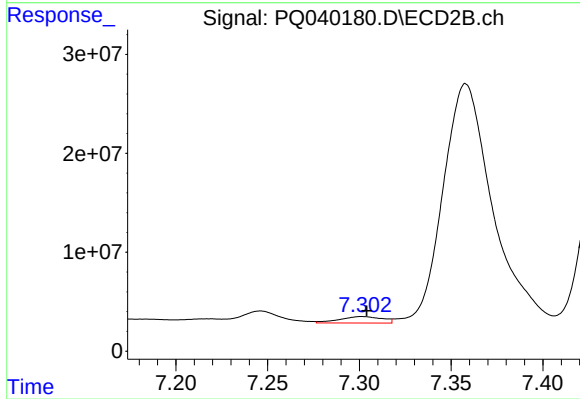
#26 AR-1254-1

R.T.: 7.095 min
Delta R.T.: -0.042 min
Response: 395270849
Conc: 2063.69 ng/ml



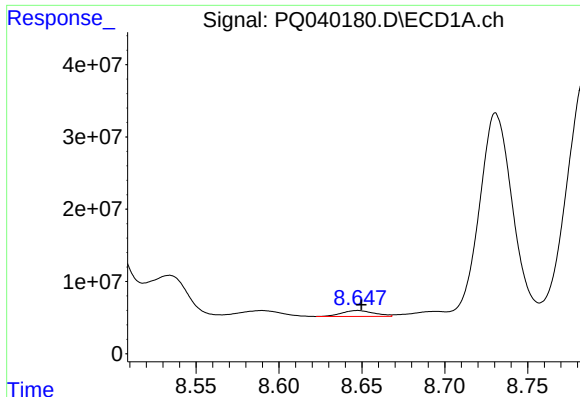
#27 AR-1254-2

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 279569424
Conc: 1010.91 ng/ml



#27 AR-1254-2

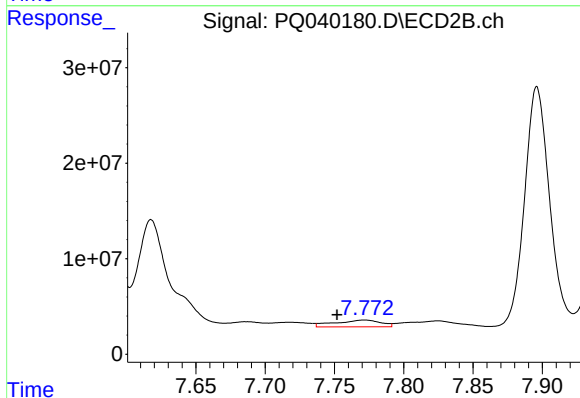
R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 10471774
Conc: 60.28 ng/ml



#28 AR-1254-3

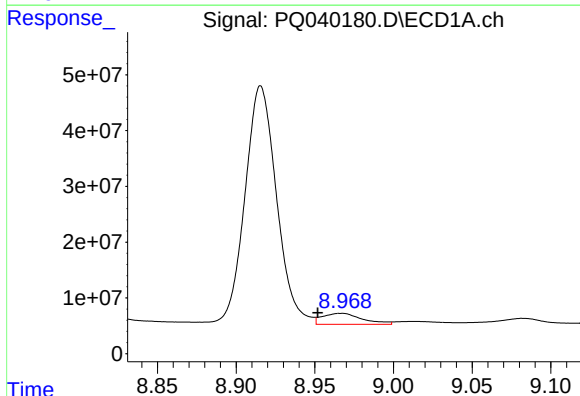
R.T.: 8.647 min
Delta R.T.: -0.002 min
Response: 11066610
Conc: 37.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



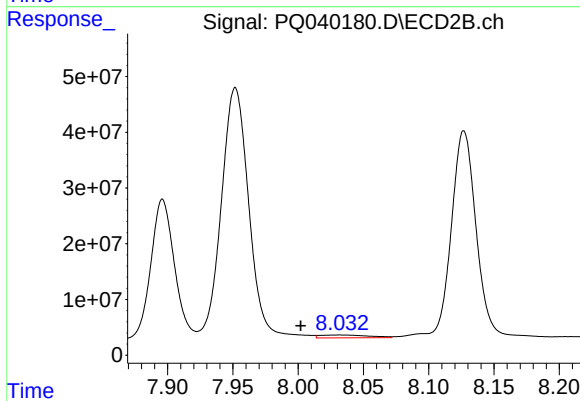
#28 AR-1254-3

R.T.: 7.772 min
Delta R.T.: 0.020 min
Response: 16263594
Conc: 56.28 ng/ml



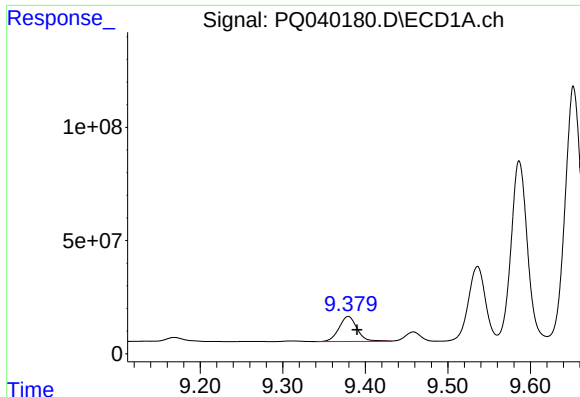
#29 AR-1254-4

R.T.: 8.967 min
Delta R.T.: 0.015 min
Response: 34812288
Conc: 167.50 ng/ml



#29 AR-1254-4

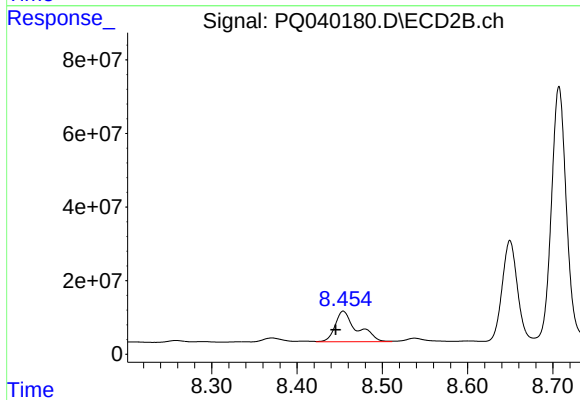
R.T.: 8.032 min
Delta R.T.: 0.030 min
Response: 13131055
Conc: 73.54 ng/ml



#30 AR-1254-5

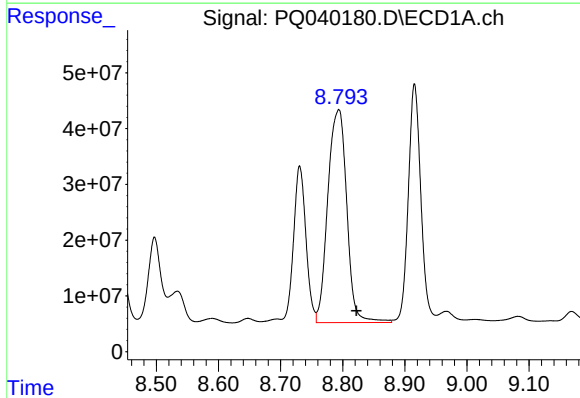
R.T.: 9.379 min
Delta R.T.: -0.011 min
Response: 169438133
Conc: 588.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



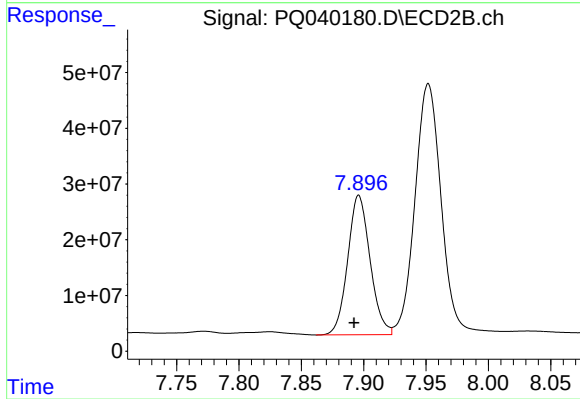
#30 AR-1254-5

R.T.: 8.454 min
Delta R.T.: 0.009 min
Response: 147252114
Conc: 571.56 ng/ml



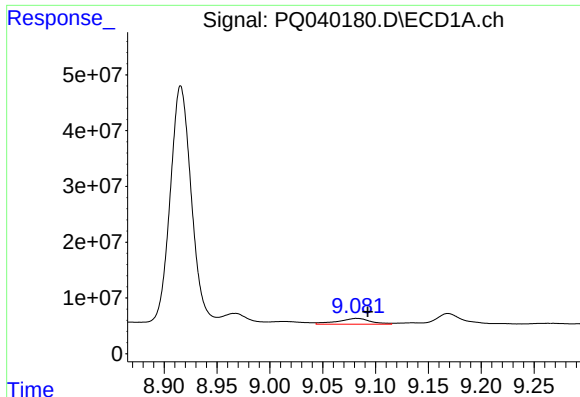
#31 AR-1260-1

R.T.: 8.794 min
Delta R.T.: -0.029 min
Response: 810166514
Conc: 2437.26 ng/ml



#31 AR-1260-1

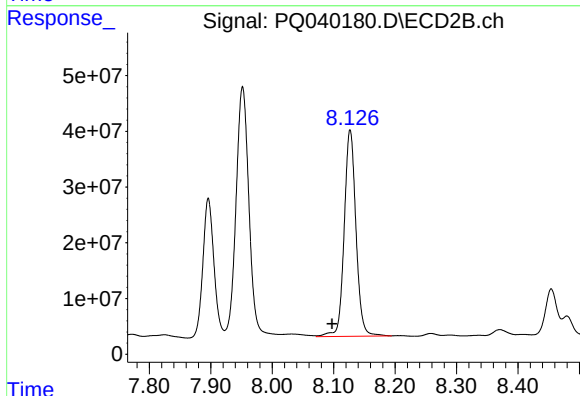
R.T.: 7.896 min
Delta R.T.: 0.004 min
Response: 312848596
Conc: 1141.21 ng/ml



#32 AR-1260-2

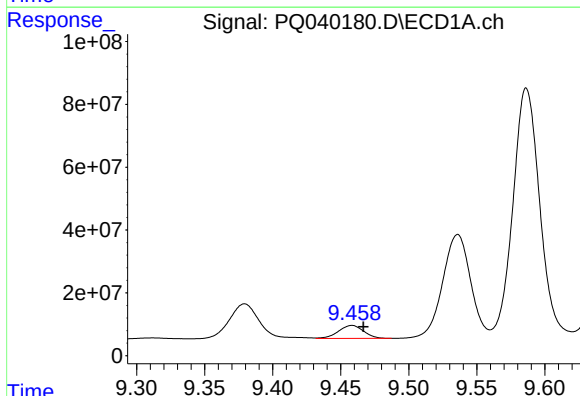
R.T.: 9.082 min
Delta R.T.: -0.010 min
Response: 22605557
Conc: 55.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



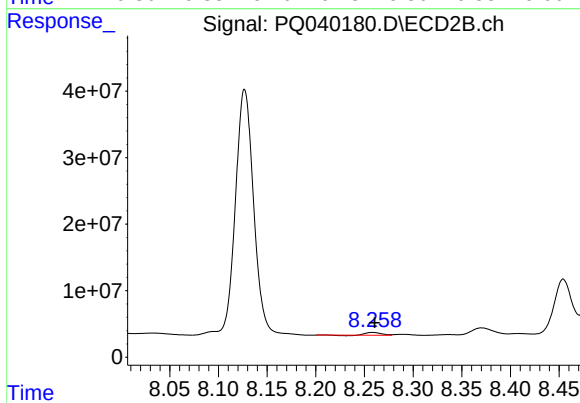
#32 AR-1260-2

R.T.: 8.127 min
Delta R.T.: 0.030 min
Response: 492016806
Conc: 1422.36 ng/ml



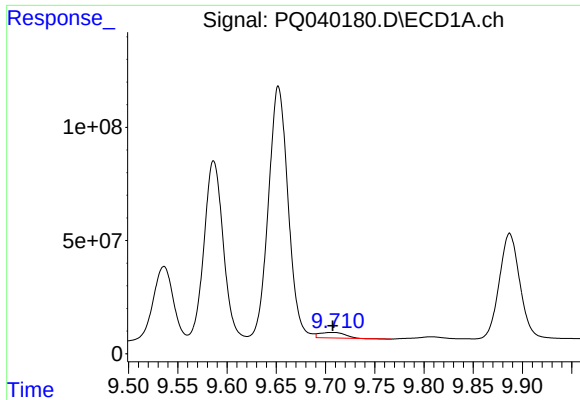
#33 AR-1260-3

R.T.: 9.458 min
Delta R.T.: -0.008 min
Response: 53218565
Conc: 161.32 ng/ml



#33 AR-1260-3

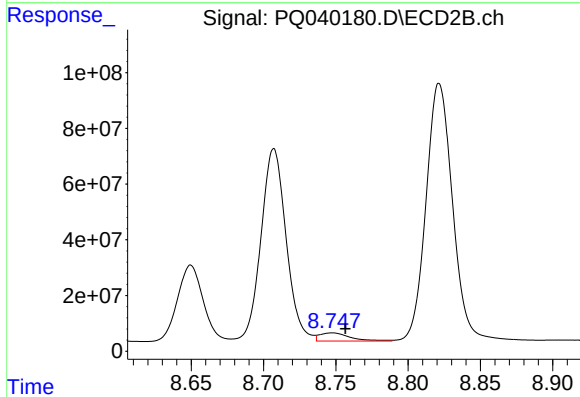
R.T.: 8.258 min
Delta R.T.: -0.002 min
Response: 4013531
Conc: 12.51 ng/ml



#34 AR-1260-4

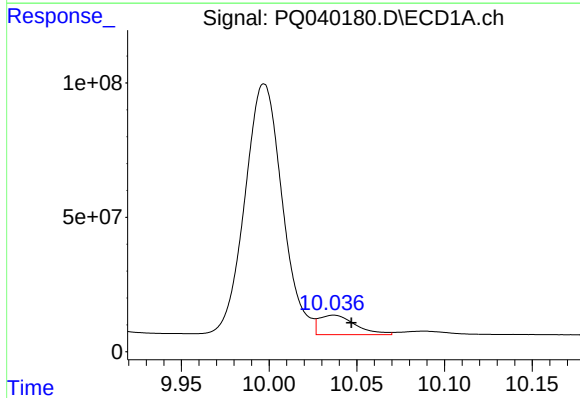
R.T.: 9.707 min
Delta R.T.: 0.000 min
Response: 43808891
Conc: 118.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



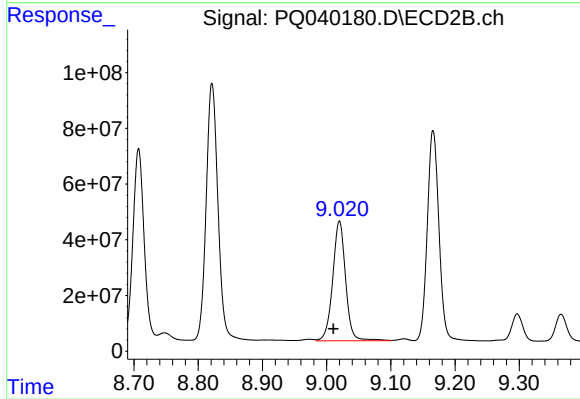
#34 AR-1260-4

R.T.: 8.747 min
Delta R.T.: -0.009 min
Response: 43007855
Conc: 158.28 ng/ml



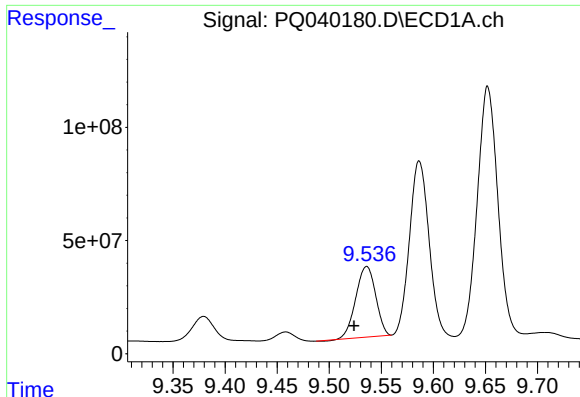
#35 AR-1260-5

R.T.: 10.037 min
Delta R.T.: -0.010 min
Response: 103946885
Conc: 134.98 ng/ml



#35 AR-1260-5

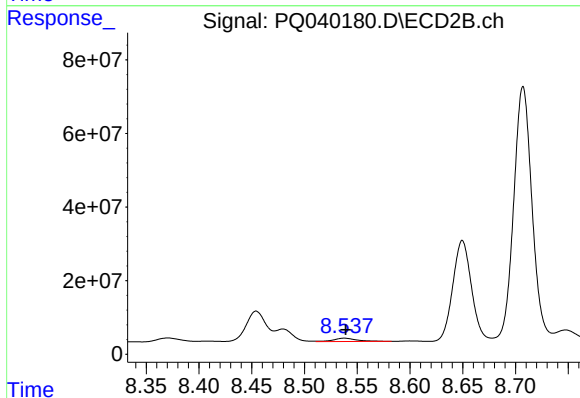
R.T.: 9.020 min
Delta R.T.: 0.010 min
Response: 599402629
Conc: 891.73 ng/ml



#36 AR-1262-1

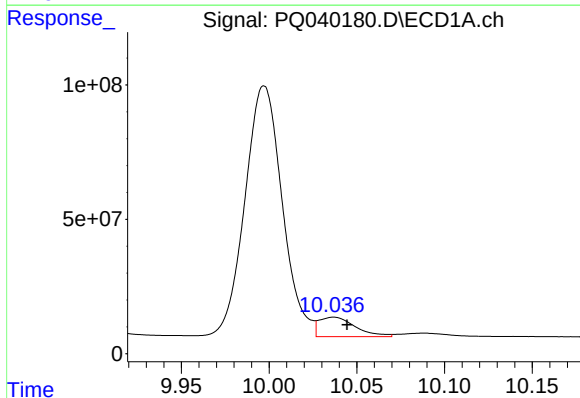
R.T.: 9.536 min
Delta R.T.: 0.012 min
Response: 415092579
Conc: 2985.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



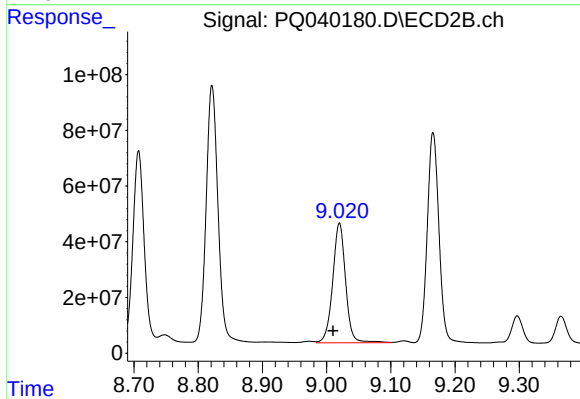
#36 AR-1262-1

R.T.: 8.538 min
Delta R.T.: -0.001 min
Response: 13810191
Conc: 121.63 ng/ml



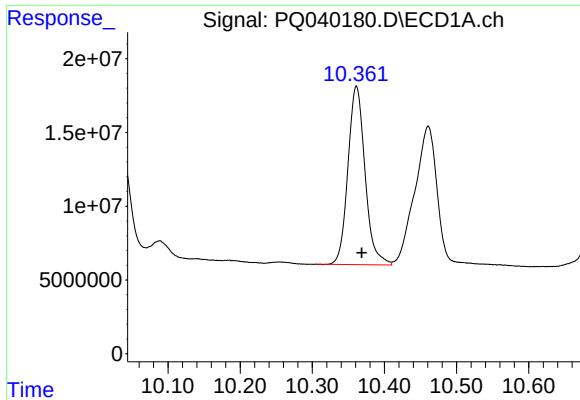
#37 AR-1262-2

R.T.: 10.037 min
Delta R.T.: -0.008 min
Response: 103946885
Conc: 179.61 ng/ml



#37 AR-1262-2

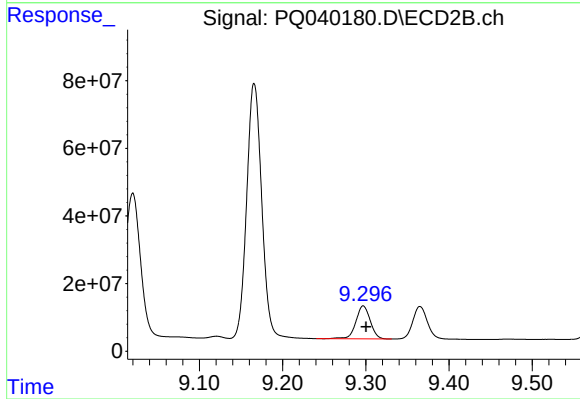
R.T.: 9.020 min
Delta R.T.: 0.010 min
Response: 599402629
Conc: 1208.13 ng/ml



#38 AR-1262-3

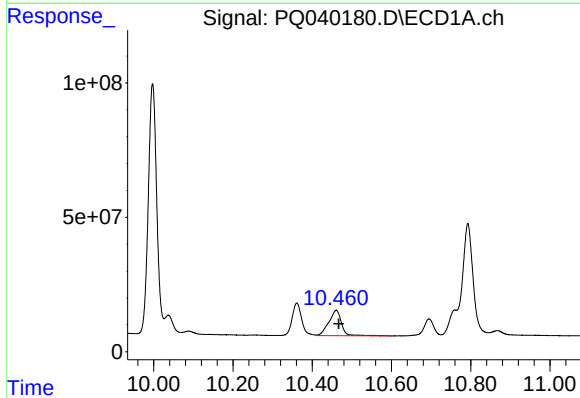
R.T.: 10.361 min
Delta R.T.: -0.007 min
Response: 198553130
Conc: 469.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



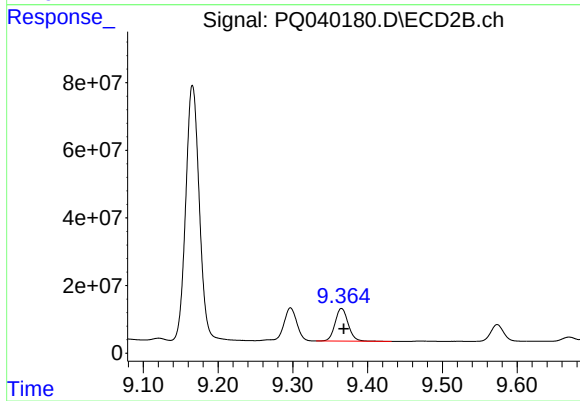
#38 AR-1262-3

R.T.: 9.297 min
Delta R.T.: -0.003 min
Response: 116784291
Conc: 555.45 ng/ml



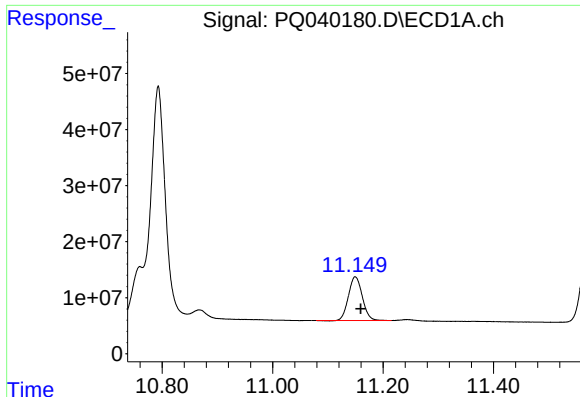
#39 AR-1262-4

R.T.: 10.461 min
Delta R.T.: -0.007 min
Response: 209151173
Conc: 553.75 ng/ml



#39 AR-1262-4

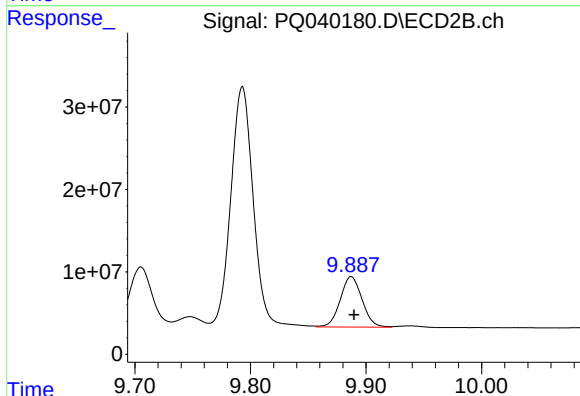
R.T.: 9.365 min
Delta R.T.: -0.003 min
Response: 117931875
Conc: 311.47 ng/ml



#40 AR-1262-5

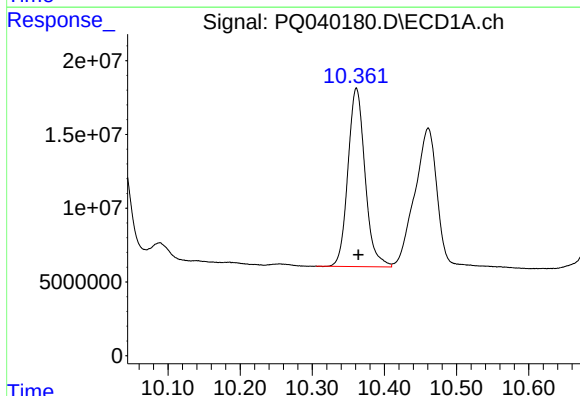
R.T.: 11.150 min
Delta R.T.: -0.010 min
Response: 136098239
Conc: 579.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



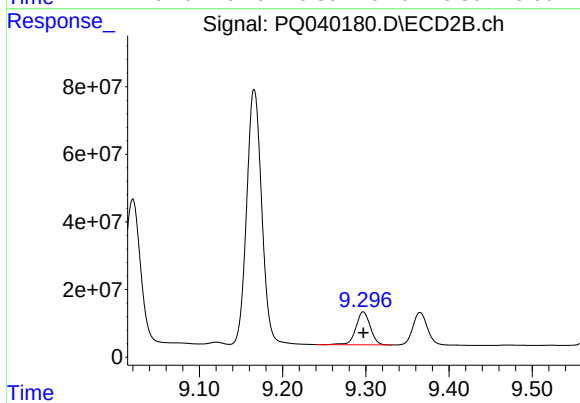
#40 AR-1262-5

R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 80538975
Conc: 496.75 ng/ml



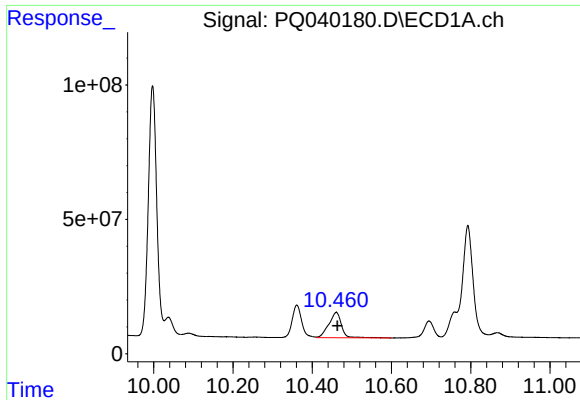
#41 AR-1268-1

R.T.: 10.361 min
Delta R.T.: -0.003 min
Response: 198553130
Conc: 329.62 ng/ml



#41 AR-1268-1

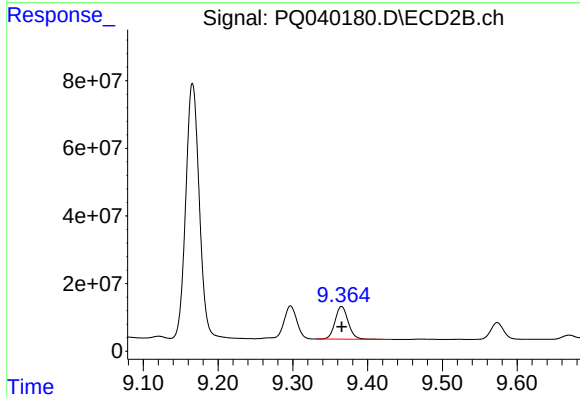
R.T.: 9.297 min
Delta R.T.: 0.000 min
Response: 116784291
Conc: 255.92 ng/ml



#42 AR-1268-2

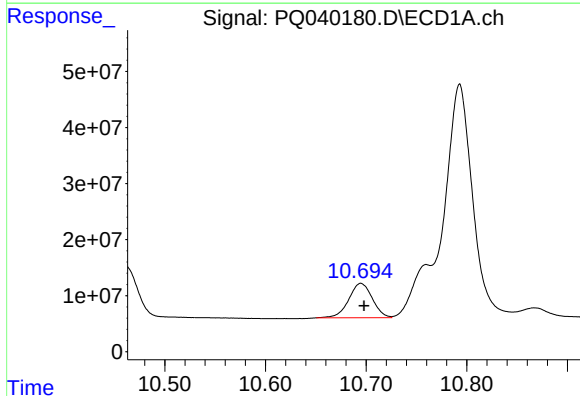
R.T.: 10.461 min
Delta R.T.: -0.003 min
Response: 209151173
Conc: 339.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



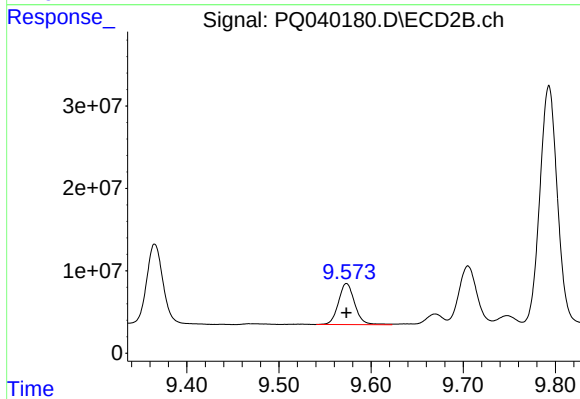
#42 AR-1268-2

R.T.: 9.365 min
Delta R.T.: 0.000 min
Response: 117931875
Conc: 269.75 ng/ml



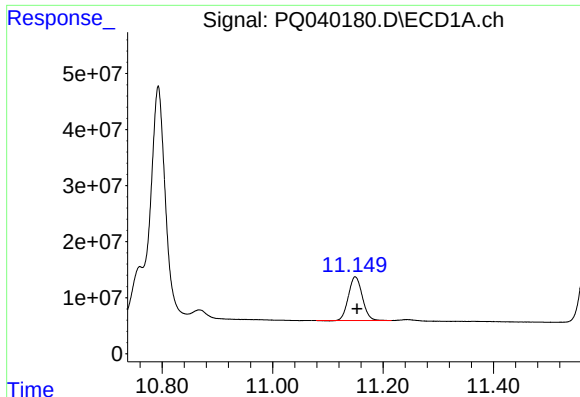
#43 AR-1268-3

R.T.: 10.695 min
Delta R.T.: -0.003 min
Response: 99891211
Conc: 183.90 ng/ml



#43 AR-1268-3

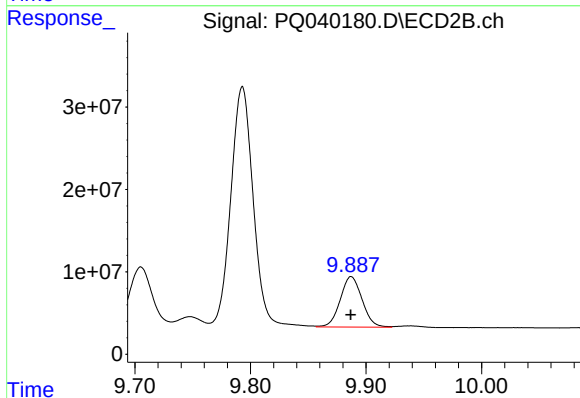
R.T.: 9.573 min
Delta R.T.: 0.000 min
Response: 61343186
Conc: 163.40 ng/ml



#44 AR-1268-4

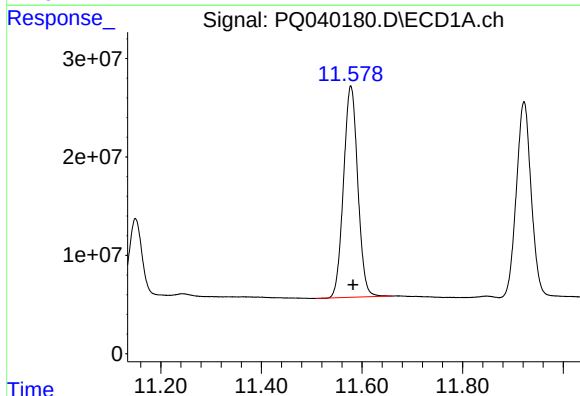
R.T.: 11.150 min
Delta R.T.: -0.004 min
Response: 136098239
Conc: 667.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



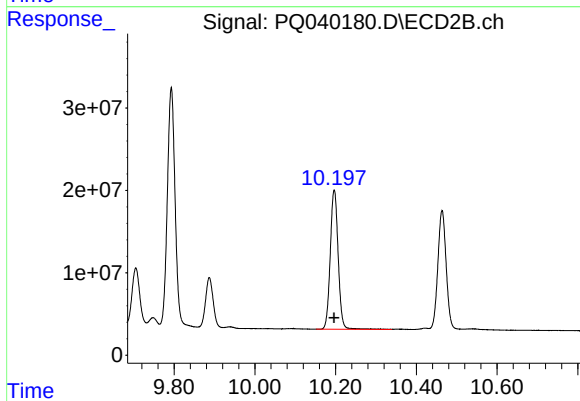
#44 AR-1268-4

R.T.: 9.887 min
Delta R.T.: 0.000 min
Response: 80538975
Conc: 584.53 ng/ml



#45 AR-1268-5

R.T.: 11.578 min
Delta R.T.: -0.004 min
Response: 422526565
Conc: 228.66 ng/ml



#45 AR-1268-5

R.T.: 10.197 min
Delta R.T.: 0.000 min
Response: 230264932
Conc: 195.11 ng/ml