

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
 Data File : PQ040154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2019 22:44
 Operator : SM\AJ
 Sample : K3020-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMM1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 00:34:07 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...	5.605	4.738	95558493	59329521	29.170	27.624
2)	SA Decachlor...	11.920	10.462	457.2E6	224.3E6	64.005	53.954
Target Compounds							
3)	L1 AR-1016-1	7.061	6.204	31033077	-1281943	185.502	N.D. #
4)	L1 AR-1016-2	7.061	6.204	31033077	-1281943	118.041	N.D. #
5)	L1 AR-1016-3	7.111	6.408	7020818	3197127	41.135	29.644 #
6)	L1 AR-1016-4	7.299	6.440	108.1E6	65934578	781.854	774.343
7)	L1 AR-1016-5	7.645	6.762	8333619	11228207	60.073	97.518 #
8)	L2 AR-1221-1	0.000	5.035	0	2325845	N.D.	94.906 #
9)	L2 AR-1221-2	0.000	5.154	0	2109803	N.D.	129.533 #
10)	L2 AR-1221-3	0.000	5.258	0	35585	N.D.	0.585 #
11)	L3 AR-1232-1	0.000	5.258	0	35585	N.D.	0.777 #
13)	L3 AR-1232-3	7.061	6.408	31033077	3197127	384.015	90.911 #
14)	L3 AR-1232-4	7.299	6.547	108.1E6	31559867	2585.528	1068.079 #
15)	L3 AR-1232-5	7.357	6.762	14576460	11228207	459.934	372.976
16)	L4 AR-1242-1	7.061	6.204	31033077	-1281943	320.074	N.D. #
17)	L4 AR-1242-2	7.061	6.204	31033077	-1281943	214.735	N.D. #
18)	L4 AR-1242-3	7.111	6.408	7020818	3197127	75.419	52.999 #
19)	L4 AR-1242-4	7.299	6.547	108.1E6	31559867	1436.911	529.524 #
20)	L4 AR-1242-5	8.110	7.144	71510579	21992678	824.866	272.901 #
21)	L5 AR-1248-1	7.061	6.204	31033077	-1281943	400.932	N.D. #
22)	L5 AR-1248-2	7.357	6.440	14576460	65934578	129.417	749.943 #
23)	L5 AR-1248-3	7.645	6.547	8333619	31559867	60.377	348.791 #
24)	L5 AR-1248-4	8.043	6.762	407.0E6	11228207	2696.070	101.678 #
25)	L5 AR-1248-5	8.110	7.218	71510579	5493528	474.969	48.386 #
26)	L6 AR-1254-1	8.043	7.144	407.0E6	21992678	2333.935	114.823 #
27)	L6 AR-1254-2	8.253	7.301	303.1E6	10474776	1095.868	60.293 #
28)	L6 AR-1254-3	8.646	7.771	11894830	15625221	40.079	54.070 #
29)	L6 AR-1254-4	8.964	8.034	37196037	13267856	178.974	74.310 #
30)	L6 AR-1254-5	9.377	8.453	186.7E6	119.3E6	648.226	463.207 #
31)	L7 AR-1260-1	8.792	7.896	896.2E6	337.4E6	2696.207	1230.728 #
32)	L7 AR-1260-2	9.081	8.126	22881990	532.8E6	56.643	1540.243 #
33)	L7 AR-1260-3	9.456	8.258	56998824	4150720	172.782	12.943 #
34)	L7 AR-1260-4	9.705	8.746	46403442	44272625	125.914	162.935 #
35)	L7 AR-1260-5	10.034	9.019	109.5E6	663.1E6	142.244	986.431 #
36)	L8 AR-1262-1	9.534	8.536	458.3E6	14260226	3296.723	125.589 #
37)	L8 AR-1262-2	10.034	9.019	109.5E6	663.1E6	189.265	1336.435 #
38)	L8 AR-1262-3	10.358	9.295	214.7E6	124.3E6	507.811	591.091
39)	L8 AR-1262-4	10.458	9.364	213.3E6	128.5E6	564.724	339.276 #
40)	L8 AR-1262-5	11.148	9.885	150.4E6	88498879	640.061	545.845
41)	L9 AR-1268-1	10.358	9.295	214.7E6	124.3E6	356.439	272.337
42)	L9 AR-1268-2	10.458	9.364	213.3E6	128.5E6	346.641	293.830

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
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 Acq On : 23 May 2019 22:44
 Operator : SM\AJ
 Sample : K3020-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

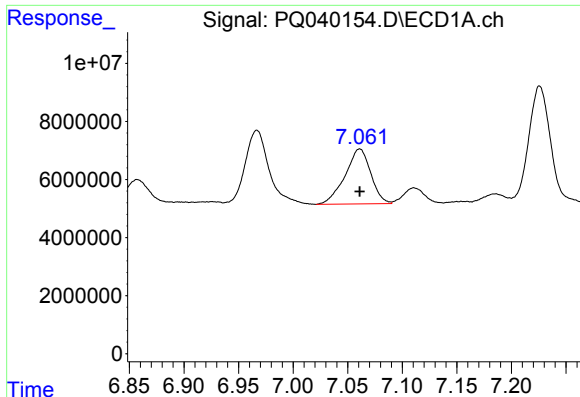
Instrument :
 ECD_Q
 ClientSampleId :
 ETMM1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 00:34:07 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
43) L9	AR-1268-3	10.692	9.571	105.2E6	65380731	193.646	174.159
44) L9	AR-1268-4	11.148	9.885	150.4E6	88498879	737.331	642.300
45) L9	AR-1268-5	11.574	10.194	480.7E6	254.7E6	260.158	215.789

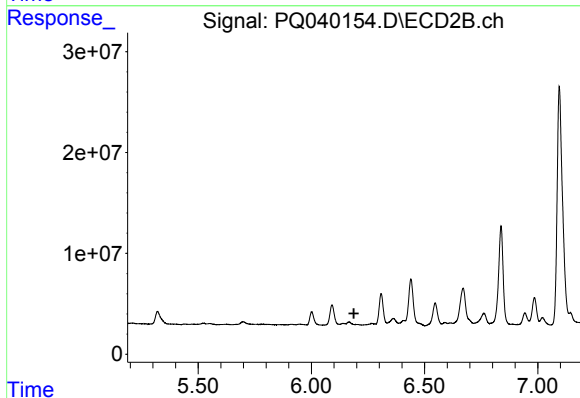
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

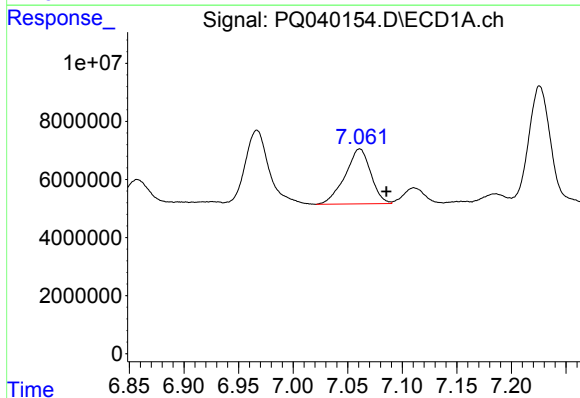
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 31033077
Conc: 185.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



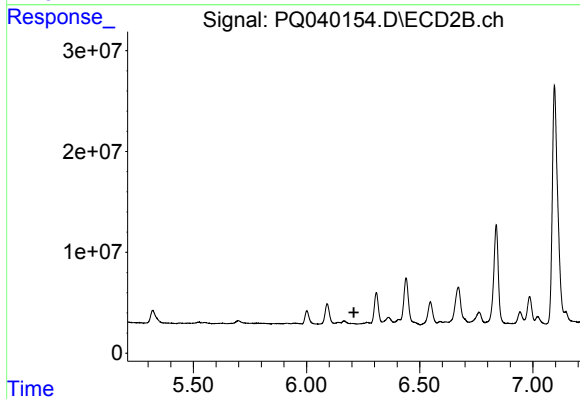
#3 AR-1016-1

R.T.: 6.204 min
Delta R.T.: 0.017 min
Response: -1281943
Conc: N.D.



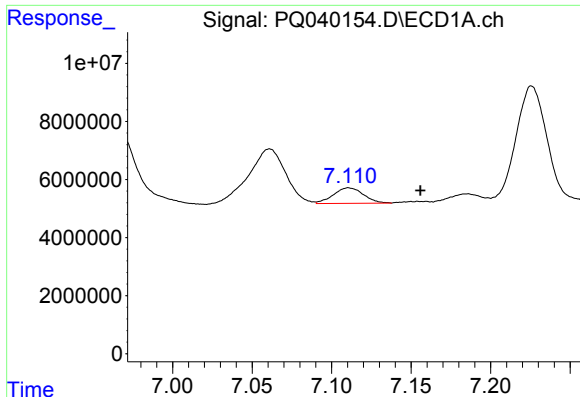
#4 AR-1016-2

R.T.: 7.061 min
Delta R.T.: -0.024 min
Response: 31033077
Conc: 118.04 ng/ml



#4 AR-1016-2

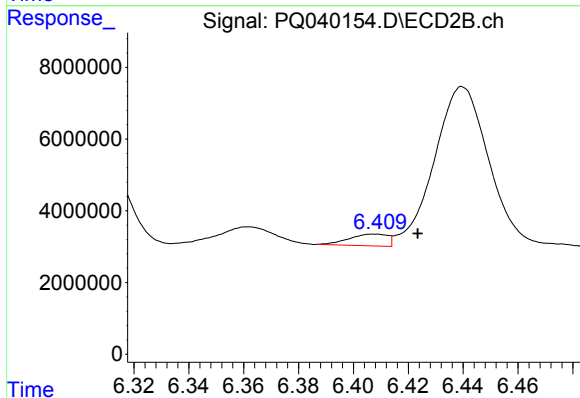
R.T.: 6.204 min
Delta R.T.: -0.005 min
Response: -1281943
Conc: N.D.



#5 AR-1016-3

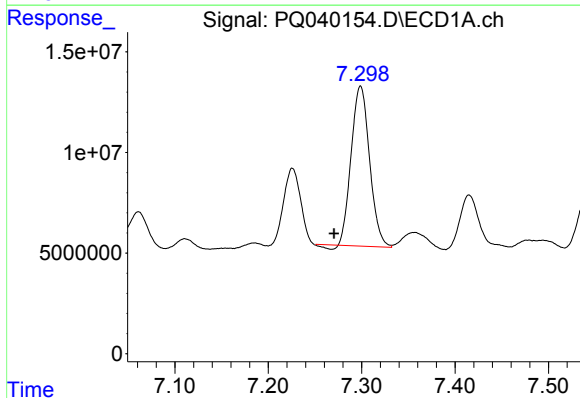
R.T.: 7.111 min
Delta R.T.: -0.045 min
Response: 7020818
Conc: 41.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



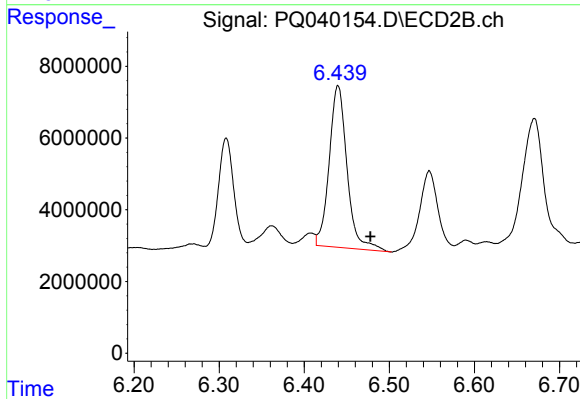
#5 AR-1016-3

R.T.: 6.408 min
Delta R.T.: -0.016 min
Response: 3197127
Conc: 29.64 ng/ml



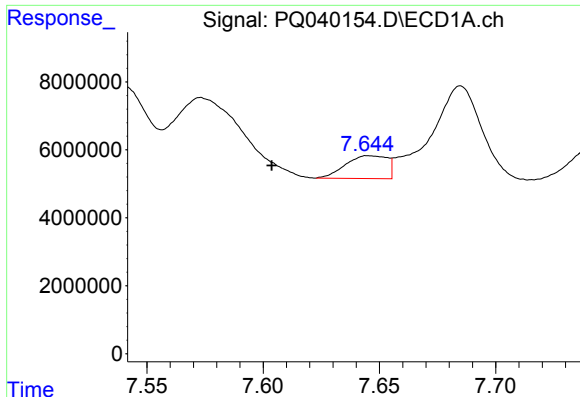
#6 AR-1016-4

R.T.: 7.299 min
Delta R.T.: 0.028 min
Response: 108070940
Conc: 781.85 ng/ml



#6 AR-1016-4

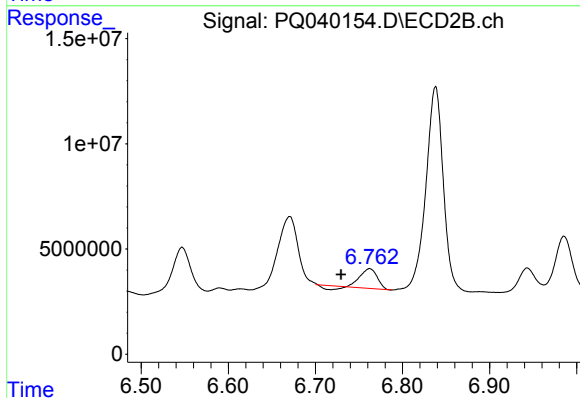
R.T.: 6.440 min
Delta R.T.: -0.038 min
Response: 65934578
Conc: 774.34 ng/ml



#7 AR-1016-5

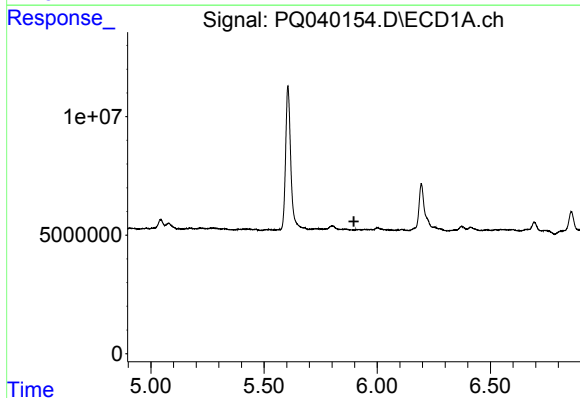
R.T.: 7.645 min
Delta R.T.: 0.042 min
Response: 8333619
Conc: 60.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



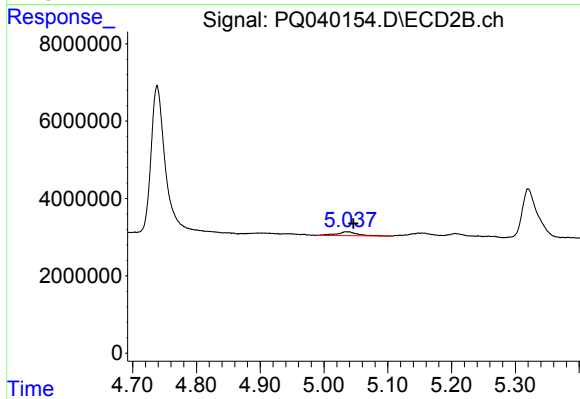
#7 AR-1016-5

R.T.: 6.762 min
Delta R.T.: 0.033 min
Response: 11228207
Conc: 97.52 ng/ml



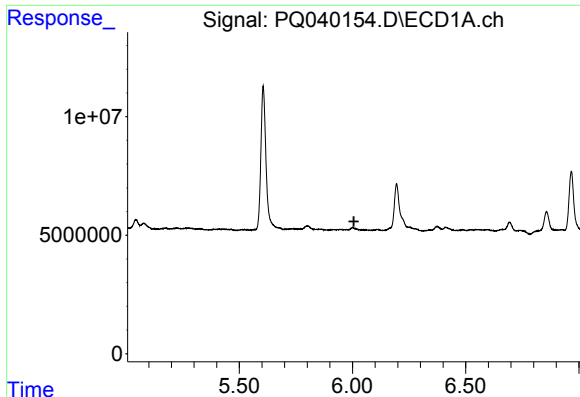
#8 AR-1221-1

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



#8 AR-1221-1

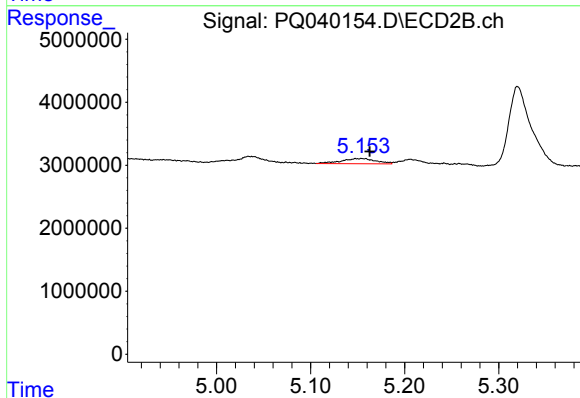
R.T.: 5.035 min
Delta R.T.: -0.012 min
Response: 2325845
Conc: 94.91 ng/ml



#9 AR-1221-2

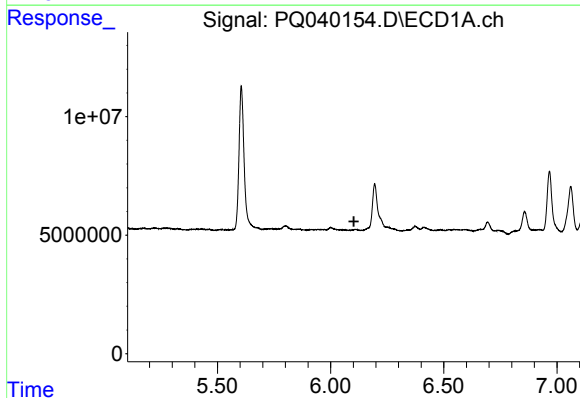
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM1



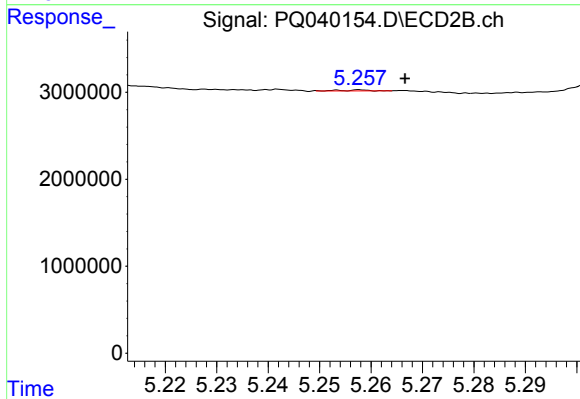
#9 AR-1221-2

R.T.: 5.154 min
Delta R.T.: -0.009 min
Response: 2109803
Conc: 129.53 ng/ml



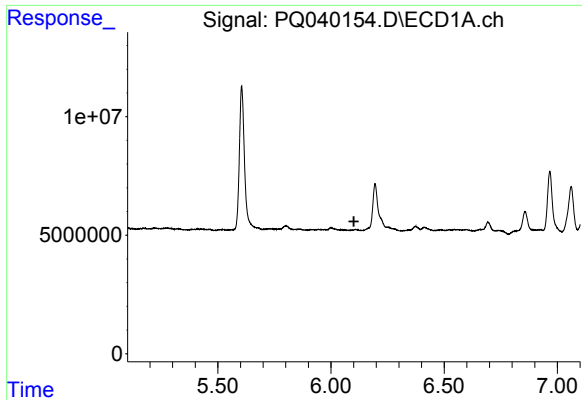
#10 AR-1221-3

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



#10 AR-1221-3

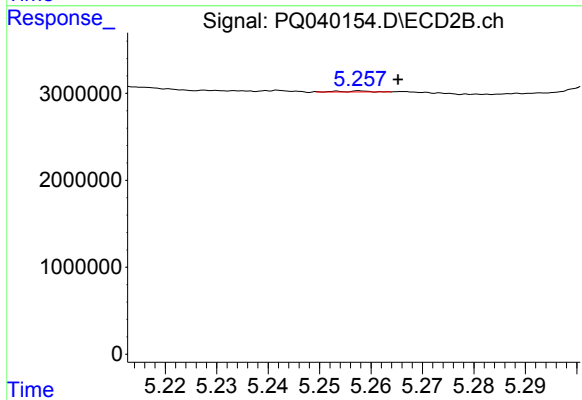
R.T.: 5.258 min
Delta R.T.: -0.009 min
Response: 35585
Conc: 0.59 ng/ml



#11 AR-1232-1

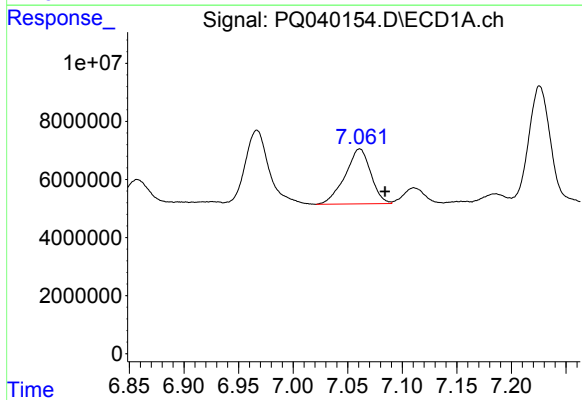
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM1



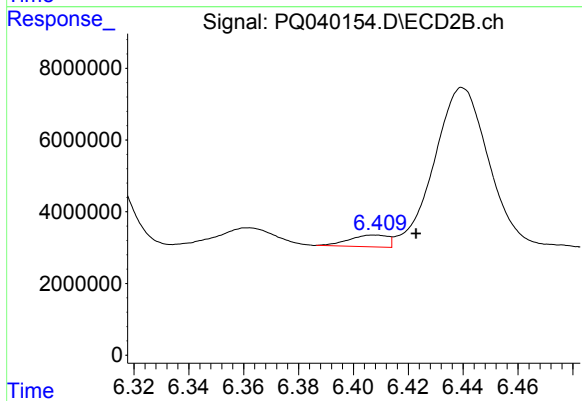
#11 AR-1232-1

R.T.: 5.258 min
Delta R.T.: -0.007 min
Response: 35585
Conc: 0.78 ng/ml



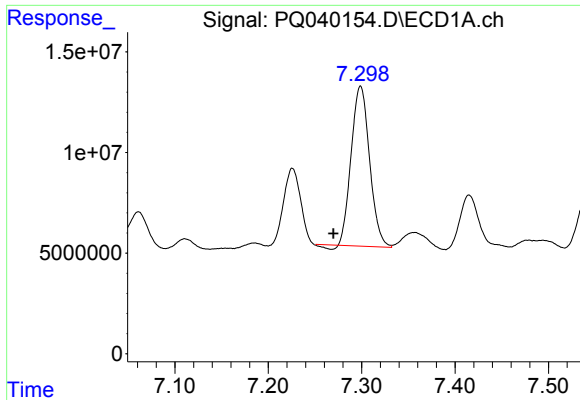
#13 AR-1232-3

R.T.: 7.061 min
Delta R.T.: -0.023 min
Response: 31033077
Conc: 384.01 ng/ml



#13 AR-1232-3

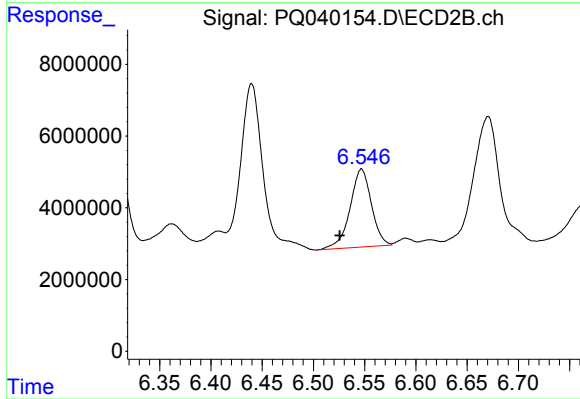
R.T.: 6.408 min
Delta R.T.: -0.015 min
Response: 3197127
Conc: 90.91 ng/ml



#14 AR-1232-4

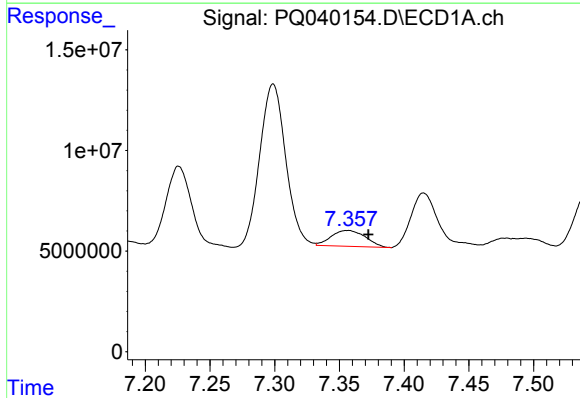
R.T.: 7.299 min
Delta R.T.: 0.029 min
Response: 108070940
Conc: 2585.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



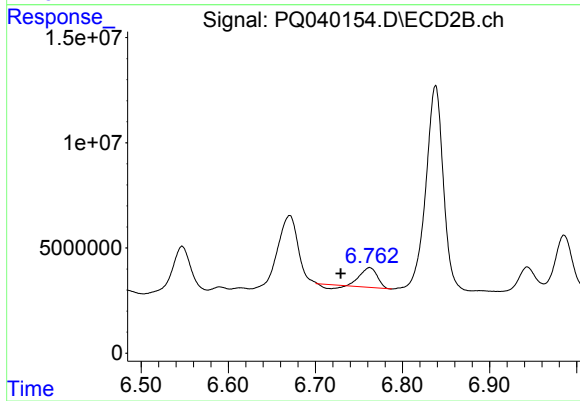
#14 AR-1232-4

R.T.: 6.547 min
Delta R.T.: 0.021 min
Response: 31559867
Conc: 1068.08 ng/ml



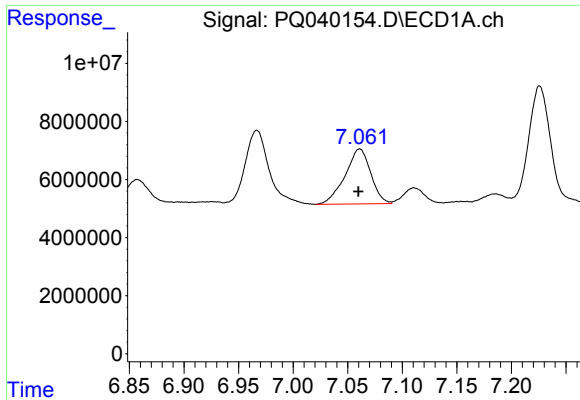
#15 AR-1232-5

R.T.: 7.357 min
Delta R.T.: -0.016 min
Response: 14576460
Conc: 459.93 ng/ml



#15 AR-1232-5

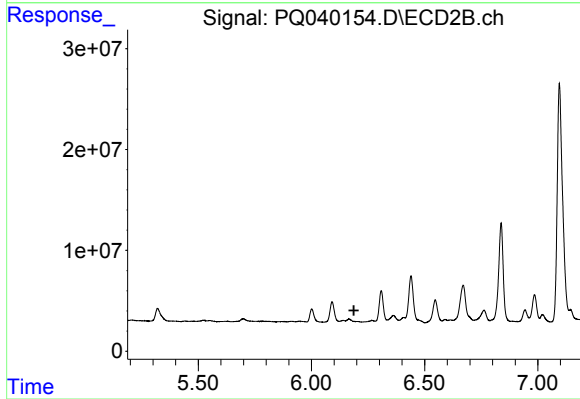
R.T.: 6.762 min
Delta R.T.: 0.033 min
Response: 11228207
Conc: 372.98 ng/ml



#16 AR-1242-1

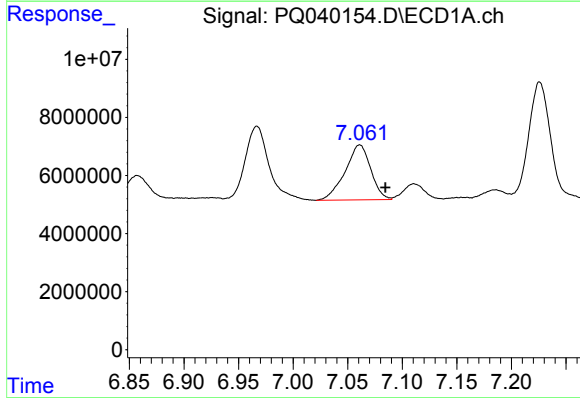
R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 31033077
Conc: 320.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



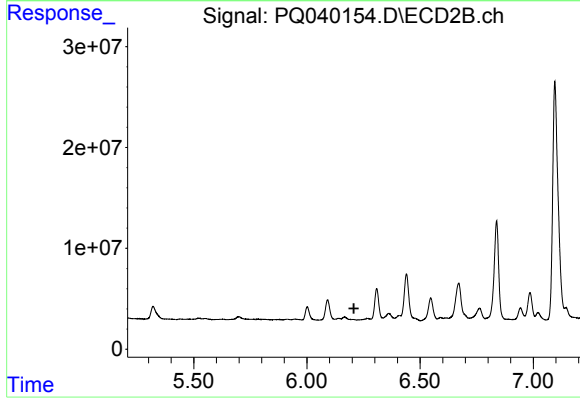
#16 AR-1242-1

R.T.: 6.204 min
Delta R.T.: 0.017 min
Response: -1281943
Conc: N.D.



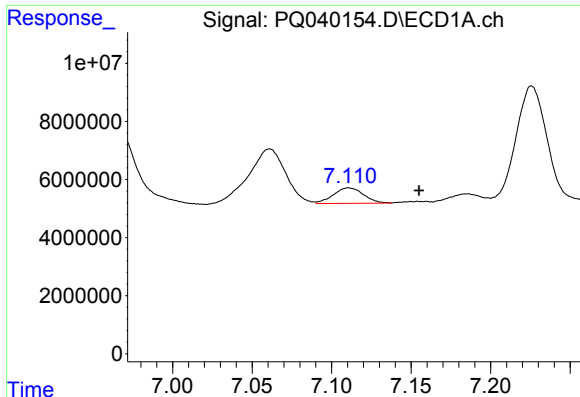
#17 AR-1242-2

R.T.: 7.061 min
Delta R.T.: -0.024 min
Response: 31033077
Conc: 214.73 ng/ml



#17 AR-1242-2

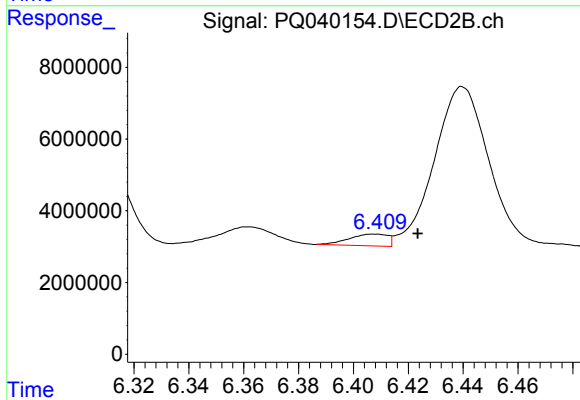
R.T.: 6.204 min
Delta R.T.: -0.003 min
Response: -1281943
Conc: N.D.



#18 AR-1242-3

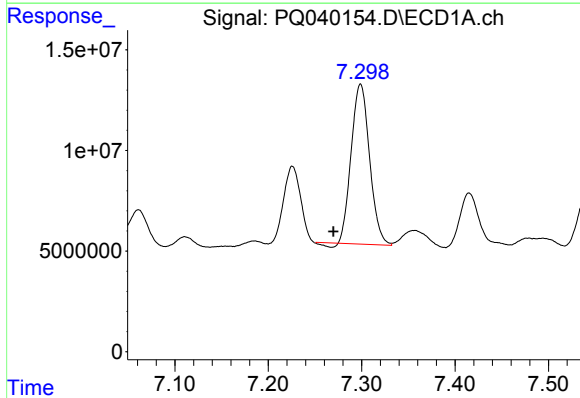
R.T.: 7.111 min
Delta R.T.: -0.044 min
Response: 7020818
Conc: 75.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



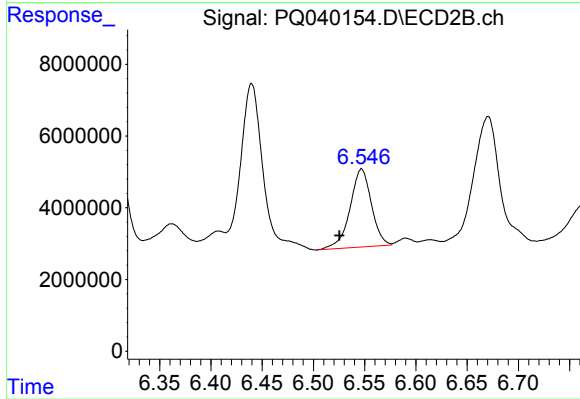
#18 AR-1242-3

R.T.: 6.408 min
Delta R.T.: -0.016 min
Response: 3197127
Conc: 53.00 ng/ml



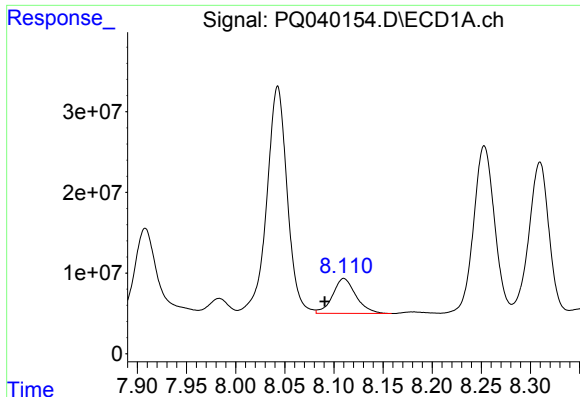
#19 AR-1242-4

R.T.: 7.299 min
Delta R.T.: 0.029 min
Response: 108070940
Conc: 1436.91 ng/ml



#19 AR-1242-4

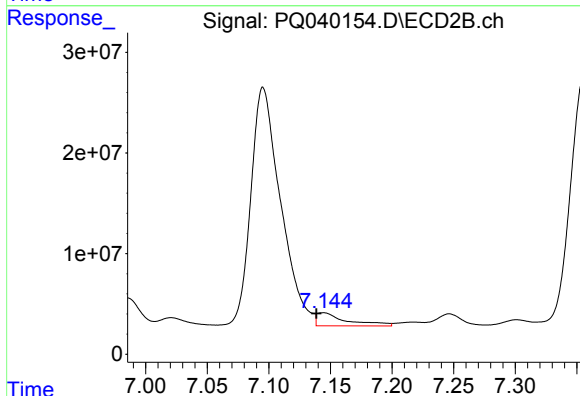
R.T.: 6.547 min
Delta R.T.: 0.022 min
Response: 31559867
Conc: 529.52 ng/ml



#20 AR-1242-5

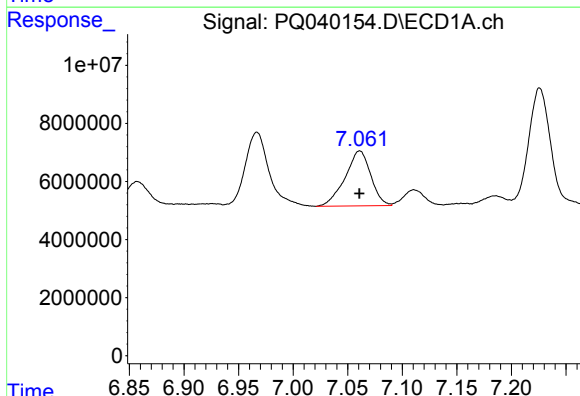
R.T.: 8.110 min
Delta R.T.: 0.020 min
Response: 71510579
Conc: 824.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



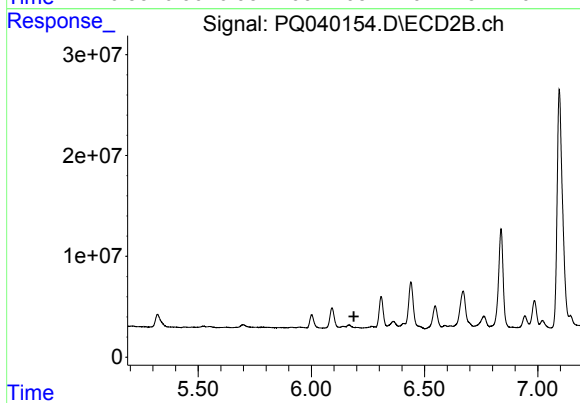
#20 AR-1242-5

R.T.: 7.144 min
Delta R.T.: 0.006 min
Response: 21992678
Conc: 272.90 ng/ml



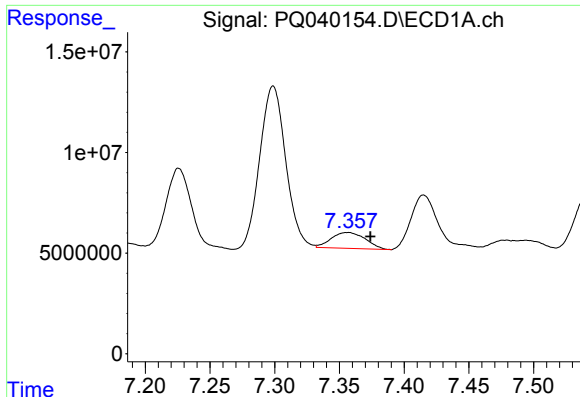
#21 AR-1248-1

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 31033077
Conc: 400.93 ng/ml



#21 AR-1248-1

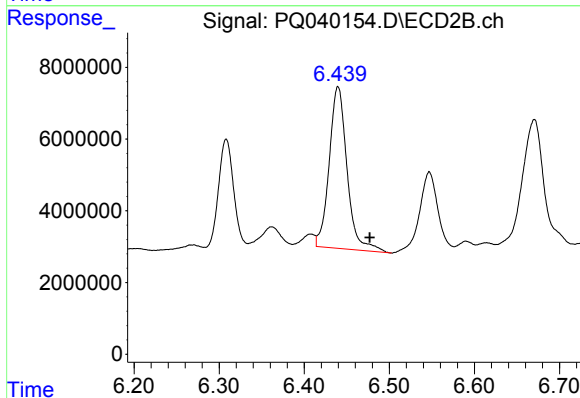
R.T.: 6.204 min
Delta R.T.: 0.017 min
Response: -1281943
Conc: N.D.



#22 AR-1248-2

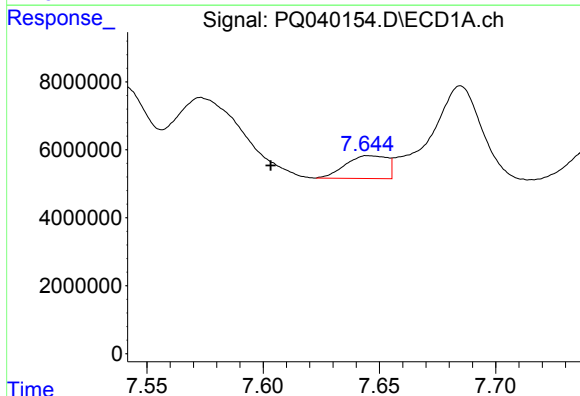
R.T.: 7.357 min
Delta R.T.: -0.017 min
Response: 14576460
Conc: 129.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



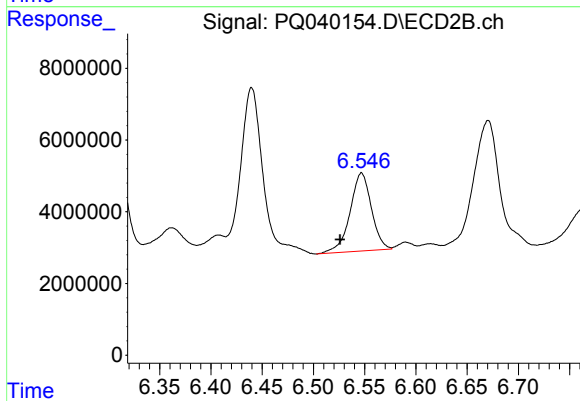
#22 AR-1248-2

R.T.: 6.440 min
Delta R.T.: -0.037 min
Response: 65934578
Conc: 749.94 ng/ml



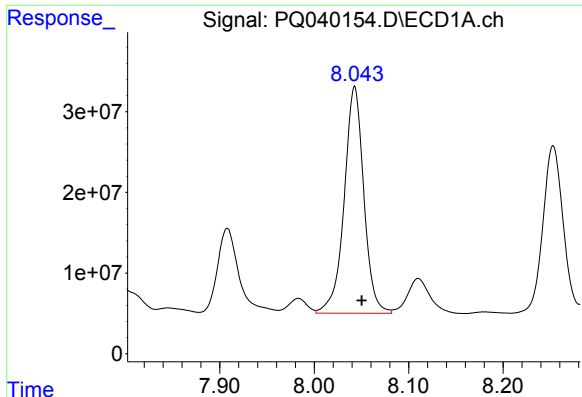
#23 AR-1248-3

R.T.: 7.645 min
Delta R.T.: 0.042 min
Response: 8333619
Conc: 60.38 ng/ml



#23 AR-1248-3

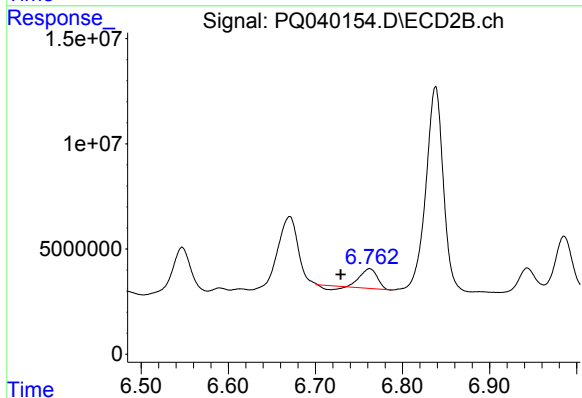
R.T.: 6.547 min
Delta R.T.: 0.021 min
Response: 31559867
Conc: 348.79 ng/ml



#24 AR-1248-4

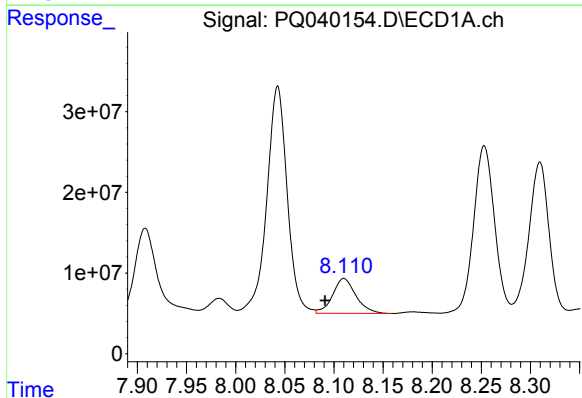
R.T.: 8.043 min
Delta R.T.: -0.008 min
Response: 407024936
Conc: 2696.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



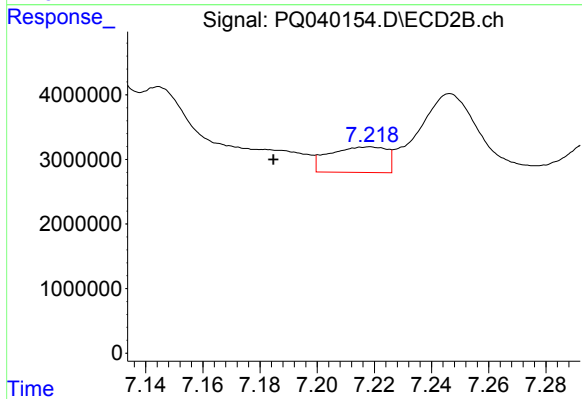
#24 AR-1248-4

R.T.: 6.762 min
Delta R.T.: 0.033 min
Response: 11228207
Conc: 101.68 ng/ml



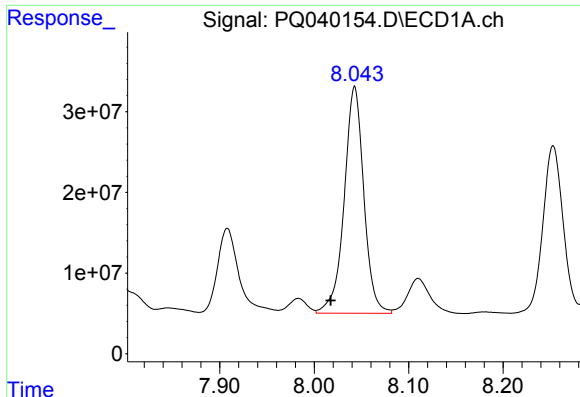
#25 AR-1248-5

R.T.: 8.110 min
Delta R.T.: 0.019 min
Response: 71510579
Conc: 474.97 ng/ml



#25 AR-1248-5

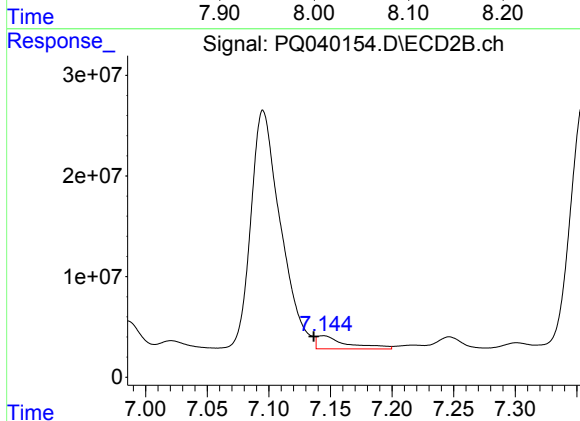
R.T.: 7.218 min
Delta R.T.: 0.033 min
Response: 5493528
Conc: 48.39 ng/ml



#26 AR-1254-1

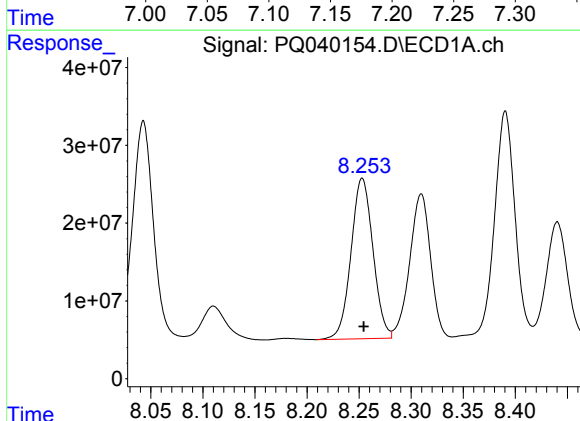
R.T.: 8.043 min
Delta R.T.: 0.025 min
Response: 407024936
Conc: 2333.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



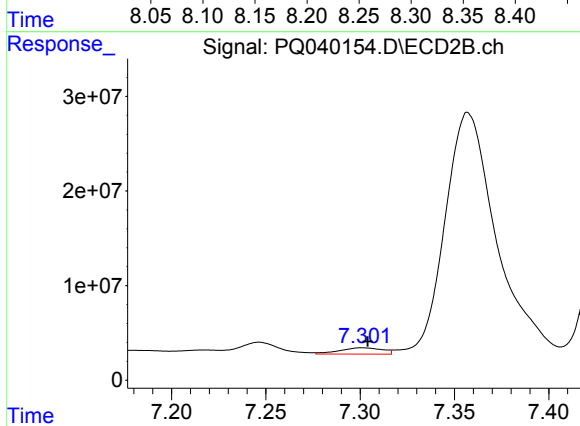
#26 AR-1254-1

R.T.: 7.144 min
Delta R.T.: 0.008 min
Response: 21992678
Conc: 114.82 ng/ml



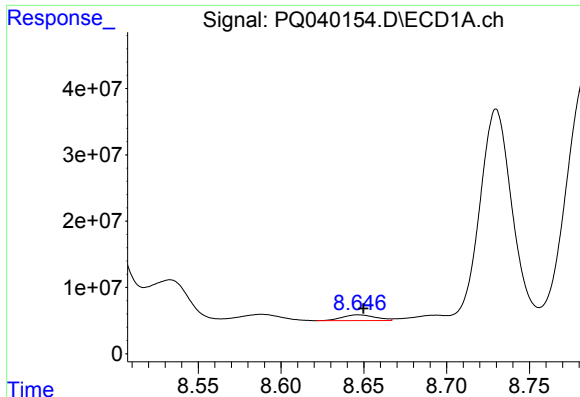
#27 AR-1254-2

R.T.: 8.253 min
Delta R.T.: -0.001 min
Response: 303065765
Conc: 1095.87 ng/ml



#27 AR-1254-2

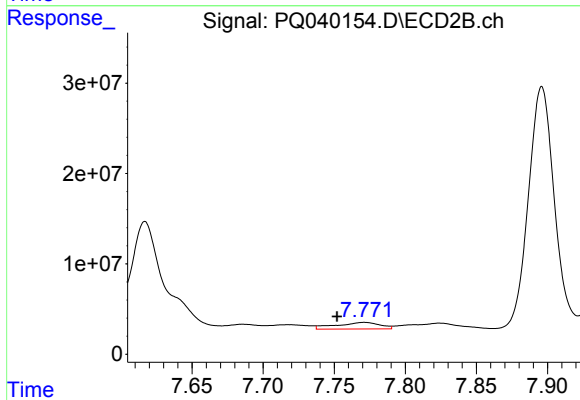
R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 10474776
Conc: 60.29 ng/ml



#28 AR-1254-3

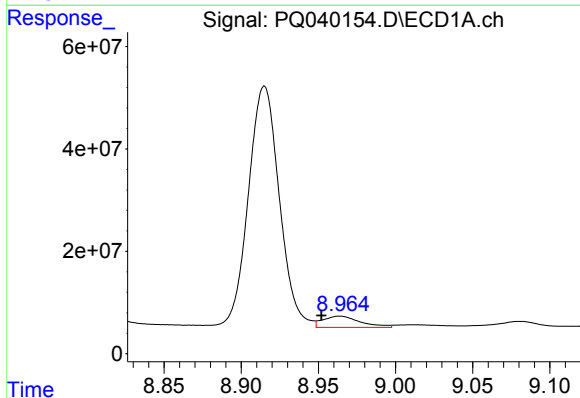
R.T.: 8.646 min
Delta R.T.: -0.003 min
Response: 11894830
Conc: 40.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



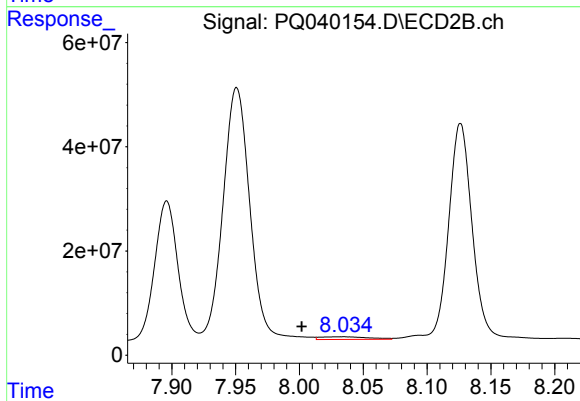
#28 AR-1254-3

R.T.: 7.771 min
Delta R.T.: 0.019 min
Response: 15625221
Conc: 54.07 ng/ml



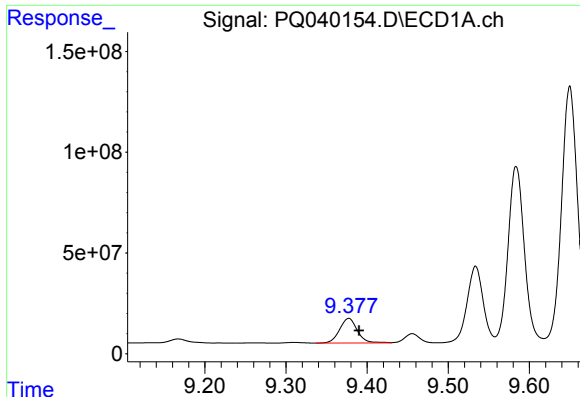
#29 AR-1254-4

R.T.: 8.964 min
Delta R.T.: 0.012 min
Response: 37196037
Conc: 178.97 ng/ml



#29 AR-1254-4

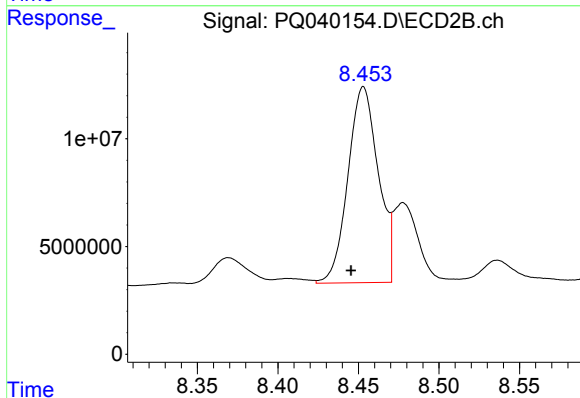
R.T.: 8.034 min
Delta R.T.: 0.032 min
Response: 13267856
Conc: 74.31 ng/ml



#30 AR-1254-5

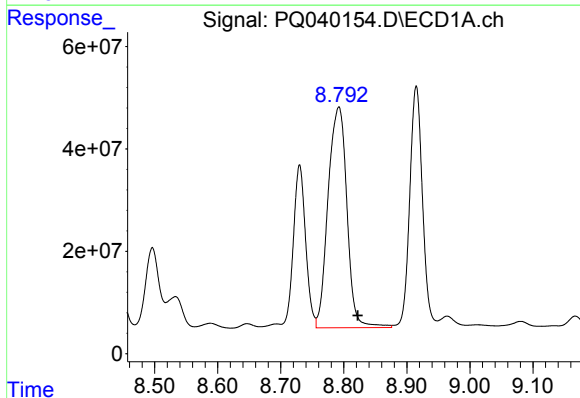
R.T.: 9.377 min
Delta R.T.: -0.013 min
Response: 186684937
Conc: 648.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



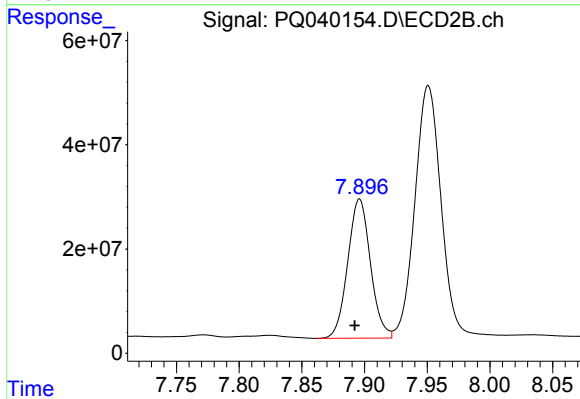
#30 AR-1254-5

R.T.: 8.453 min
Delta R.T.: 0.008 min
Response: 119336202
Conc: 463.21 ng/ml



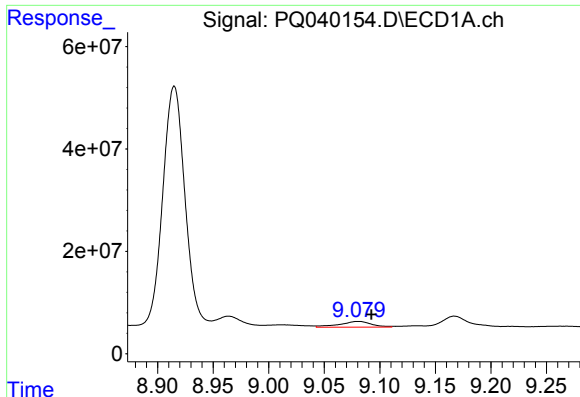
#31 AR-1260-1

R.T.: 8.792 min
Delta R.T.: -0.030 min
Response: 896244058
Conc: 2696.21 ng/ml



#31 AR-1260-1

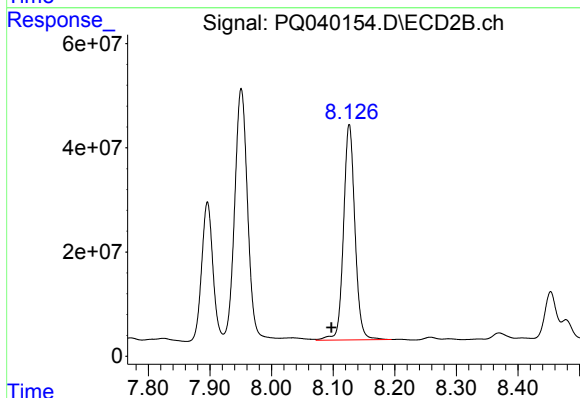
R.T.: 7.896 min
Delta R.T.: 0.004 min
Response: 337389091
Conc: 1230.73 ng/ml



#32 AR-1260-2

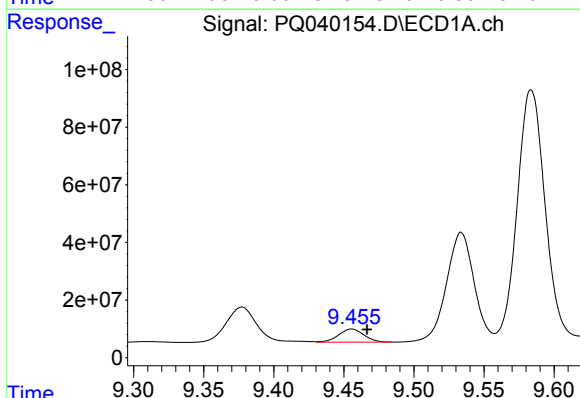
R.T.: 9.081 min
Delta R.T.: -0.012 min
Response: 22881990
Conc: 56.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



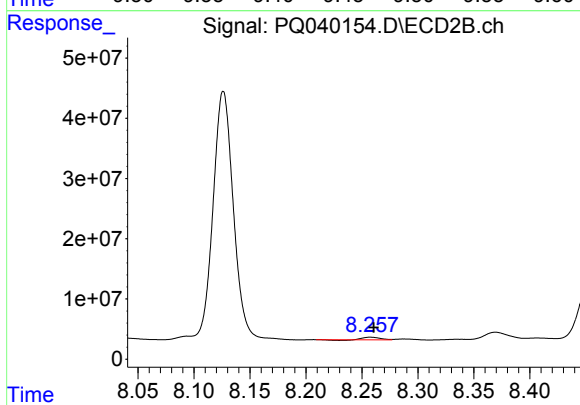
#32 AR-1260-2

R.T.: 8.126 min
Delta R.T.: 0.029 min
Response: 532795606
Conc: 1540.24 ng/ml



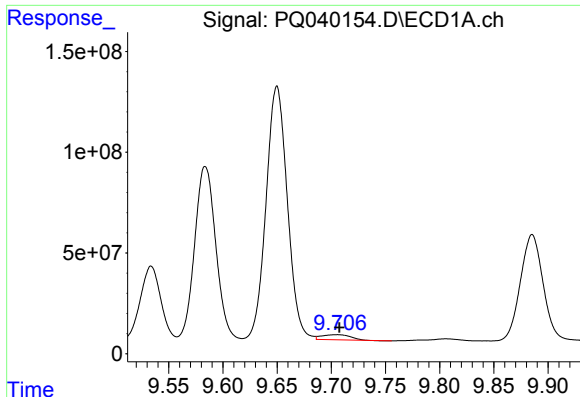
#33 AR-1260-3

R.T.: 9.456 min
Delta R.T.: -0.011 min
Response: 56998824
Conc: 172.78 ng/ml



#33 AR-1260-3

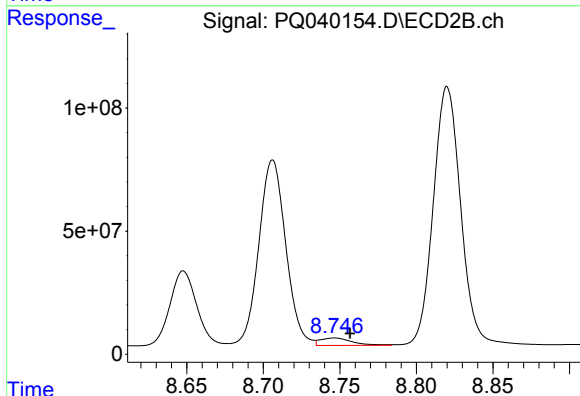
R.T.: 8.258 min
Delta R.T.: -0.003 min
Response: 4150720
Conc: 12.94 ng/ml



#34 AR-1260-4

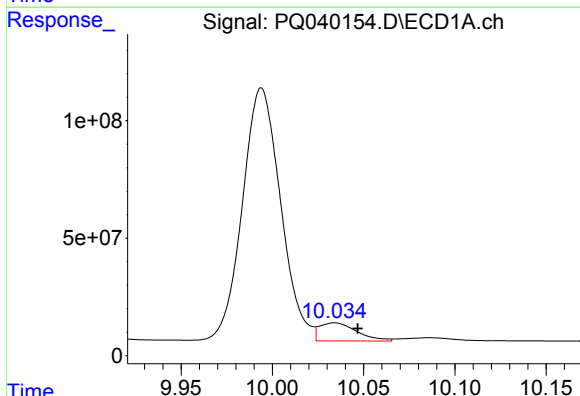
R.T.: 9.705 min
Delta R.T.: -0.002 min
Response: 46403442
Conc: 125.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



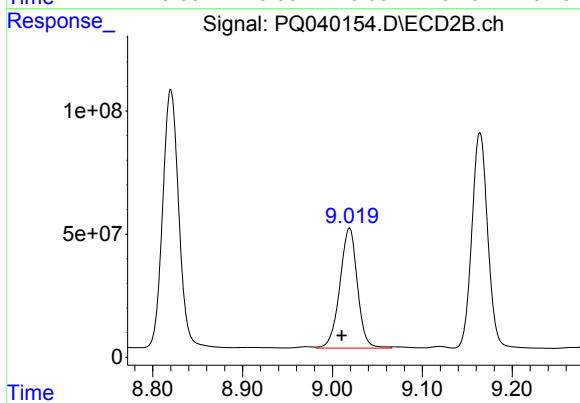
#34 AR-1260-4

R.T.: 8.746 min
Delta R.T.: -0.010 min
Response: 44272625
Conc: 162.93 ng/ml



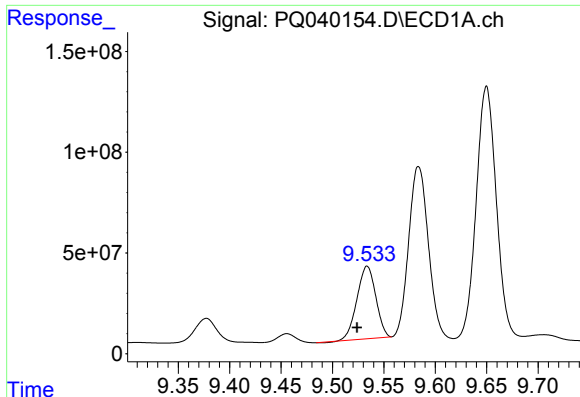
#35 AR-1260-5

R.T.: 10.034 min
Delta R.T.: -0.013 min
Response: 109537202
Conc: 142.24 ng/ml



#35 AR-1260-5

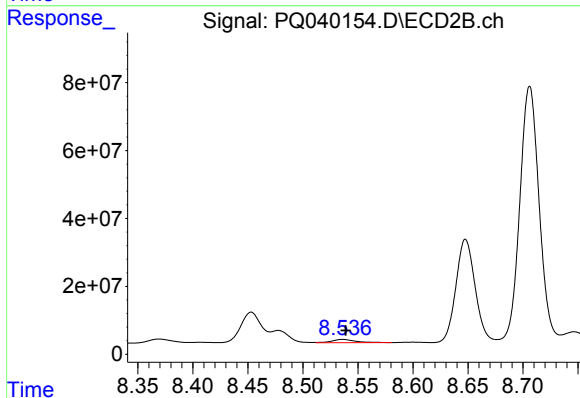
R.T.: 9.019 min
Delta R.T.: 0.009 min
Response: 663059286
Conc: 986.43 ng/ml



#36 AR-1262-1

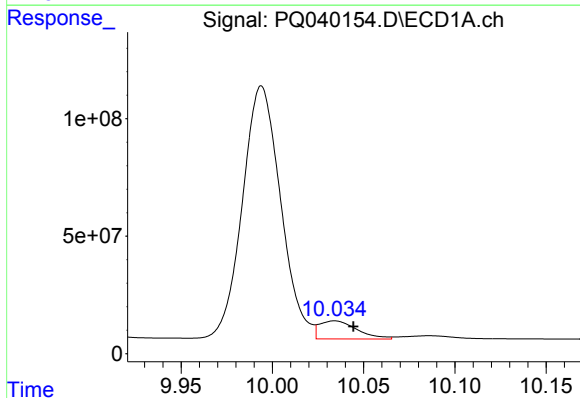
R.T.: 9.534 min
Delta R.T.: 0.010 min
Response: 458289170
Conc: 3296.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



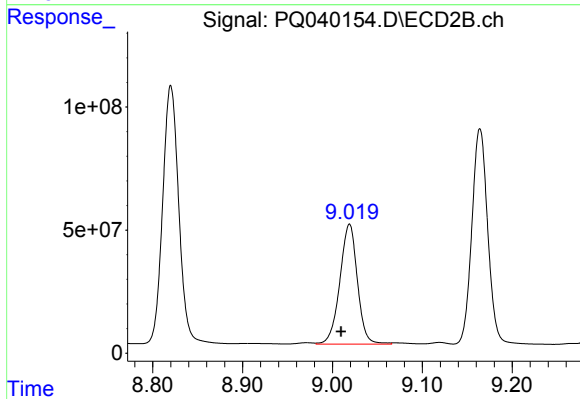
#36 AR-1262-1

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 14260226
Conc: 125.59 ng/ml



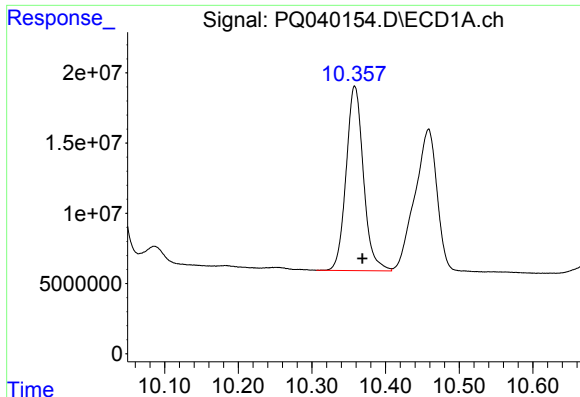
#37 AR-1262-2

R.T.: 10.034 min
Delta R.T.: -0.010 min
Response: 109537202
Conc: 189.26 ng/ml



#37 AR-1262-2

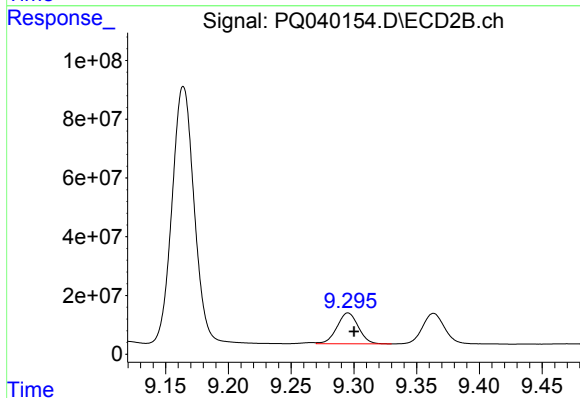
R.T.: 9.019 min
Delta R.T.: 0.009 min
Response: 663059286
Conc: 1336.44 ng/ml



#38 AR-1262-3

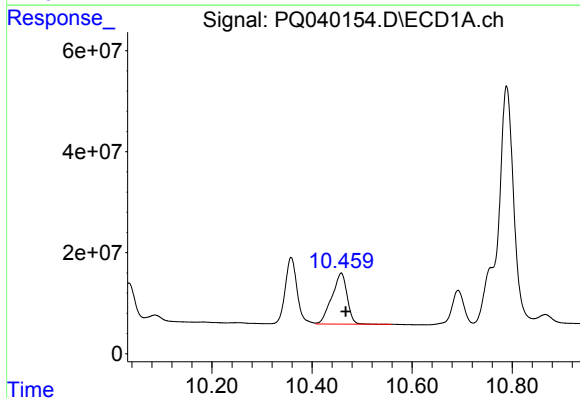
R.T.: 10.358 min
Delta R.T.: -0.010 min
Response: 214710418
Conc: 507.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



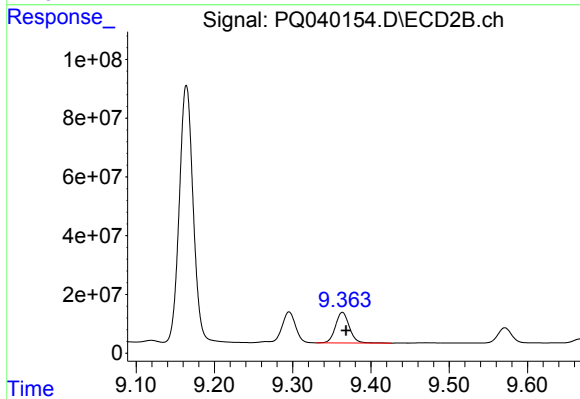
#38 AR-1262-3

R.T.: 9.295 min
Delta R.T.: -0.005 min
Response: 124277842
Conc: 591.09 ng/ml



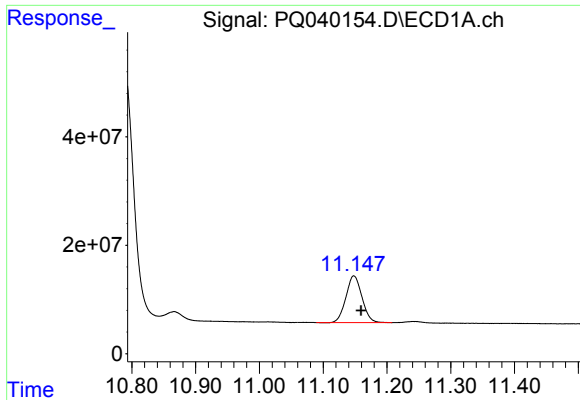
#39 AR-1262-4

R.T.: 10.458 min
Delta R.T.: -0.009 min
Response: 213294097
Conc: 564.72 ng/ml



#39 AR-1262-4

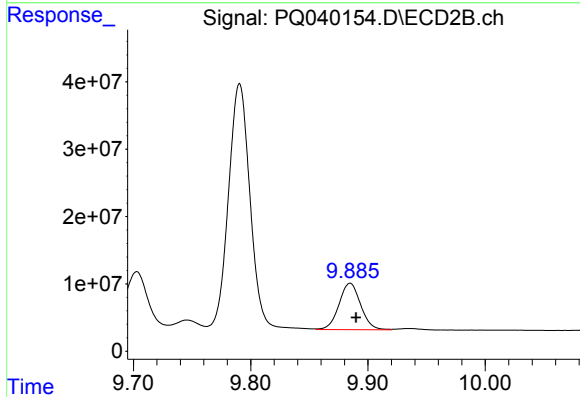
R.T.: 9.364 min
Delta R.T.: -0.005 min
Response: 128458407
Conc: 339.28 ng/ml



#40 AR-1262-5

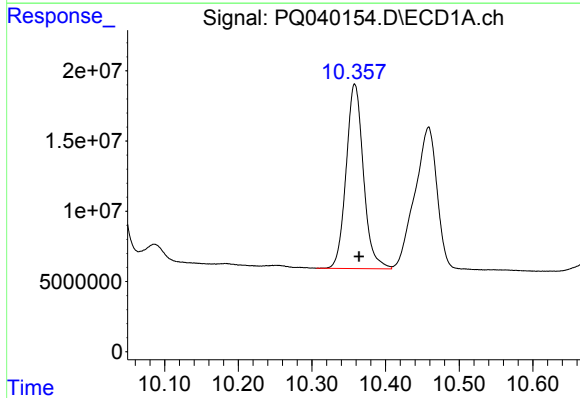
R.T.: 11.148 min
Delta R.T.: -0.011 min
Response: 150388493
Conc: 640.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



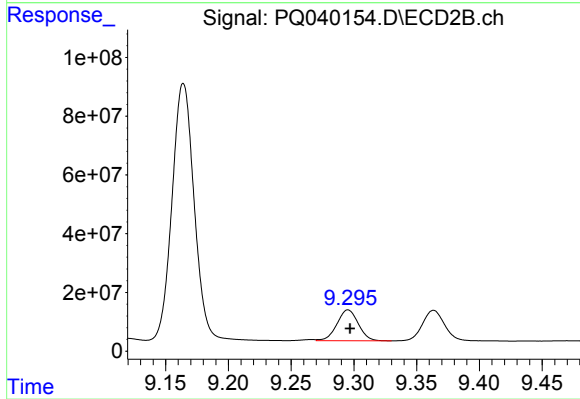
#40 AR-1262-5

R.T.: 9.885 min
Delta R.T.: -0.005 min
Response: 88498879
Conc: 545.84 ng/ml



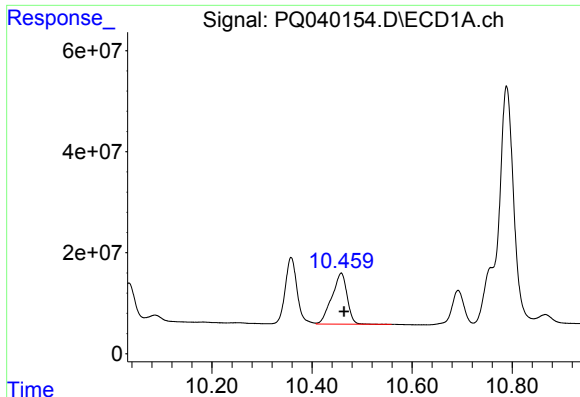
#41 AR-1268-1

R.T.: 10.358 min
Delta R.T.: -0.006 min
Response: 214710418
Conc: 356.44 ng/ml



#41 AR-1268-1

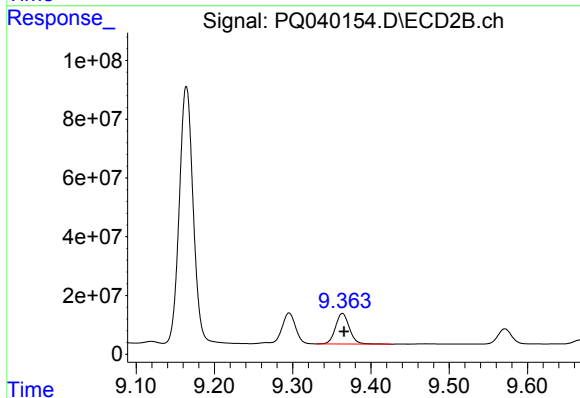
R.T.: 9.295 min
Delta R.T.: -0.002 min
Response: 124277842
Conc: 272.34 ng/ml



#42 AR-1268-2

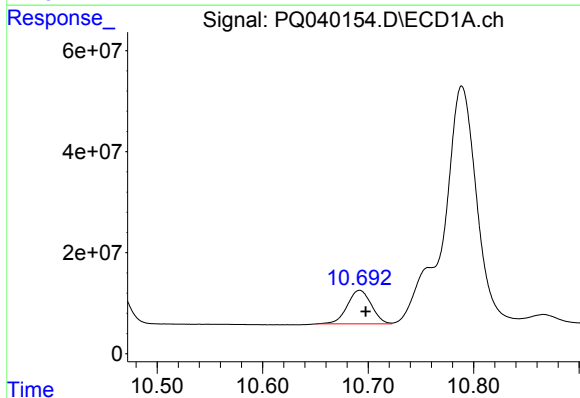
R.T.: 10.458 min
Delta R.T.: -0.005 min
Response: 213294097
Conc: 346.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



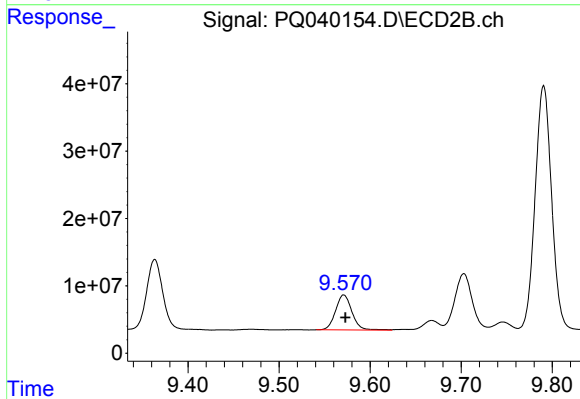
#42 AR-1268-2

R.T.: 9.364 min
Delta R.T.: -0.002 min
Response: 128458407
Conc: 293.83 ng/ml



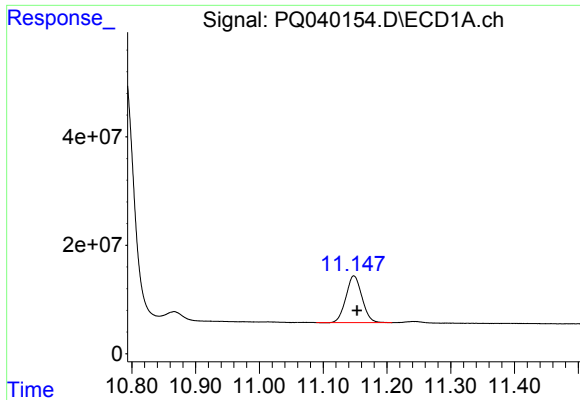
#43 AR-1268-3

R.T.: 10.692 min
Delta R.T.: -0.006 min
Response: 105184620
Conc: 193.65 ng/ml



#43 AR-1268-3

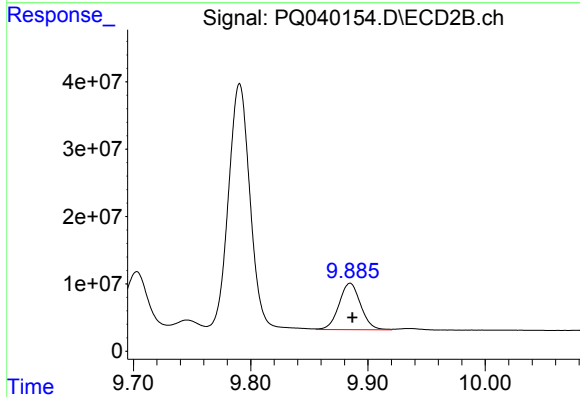
R.T.: 9.571 min
Delta R.T.: -0.002 min
Response: 65380731
Conc: 174.16 ng/ml



#44 AR-1268-4

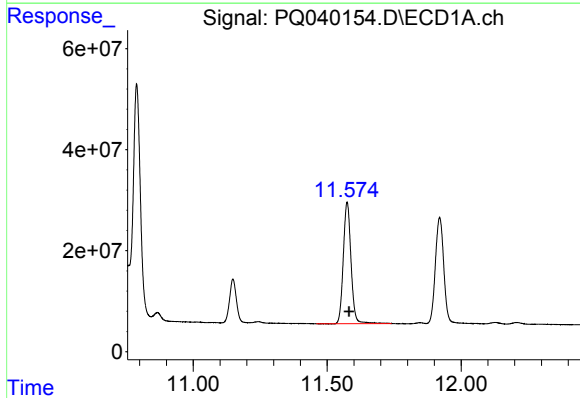
R.T.: 11.148 min
Delta R.T.: -0.005 min
Response: 150388493
Conc: 737.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM1



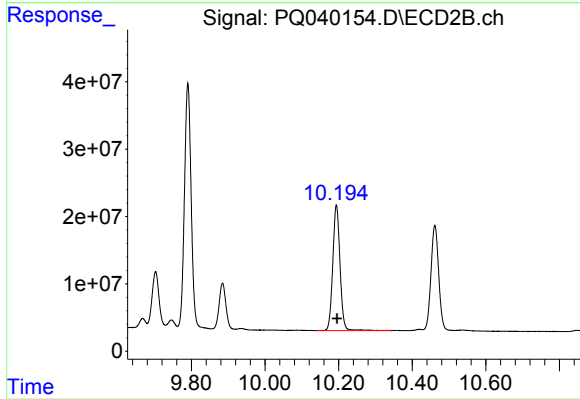
#44 AR-1268-4

R.T.: 9.885 min
Delta R.T.: -0.002 min
Response: 88498879
Conc: 642.30 ng/ml



#45 AR-1268-5

R.T.: 11.574 min
Delta R.T.: -0.008 min
Response: 480731730
Conc: 260.16 ng/ml



#45 AR-1268-5

R.T.: 10.194 min
Delta R.T.: -0.002 min
Response: 254675030
Conc: 215.79 ng/ml