

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051419\
 Data File : PQ039741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2019 18:46
 Operator : AJ\MA
 Sample : PB119623BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 10:49:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 10 01:55:02 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.646	4.753	114.5E6	60822532	20.032	16.574
2)	SA Decachlor...	12.017	10.504	138.5E6	68871242	21.437	20.786
Target Compounds							
3)	L1 AR-1016-1	7.122	6.227	47746466	24664240	250.738	198.562
4)	L1 AR-1016-2	7.122	6.227	47746466	24664240	170.162	140.951
5)	L1 AR-1016-3	7.192	6.442	29935732	15265563	177.359	147.941
6)	L1 AR-1016-4	7.306	6.496	23701686	12058880	167.224	159.128
7)	L1 AR-1016-5	7.641	6.748	22766663	15040777	164.469	156.070
8)	L2 AR-1221-1	5.923	0.000	3343190	0	53.472	N.D. #
9)	L2 AR-1221-2	6.038	5.176	5078870	2330021	109.296	82.873
10)	L2 AR-1221-3	6.134	5.280	16490433	9450453	115.317	100.753
11)	L3 AR-1232-1	6.134	5.280	16490433	9450453	104.225	93.638
12)	L3 AR-1232-2	6.780	6.227	23853143	24664240	278.731	230.741
13)	L3 AR-1232-3	7.122	6.442	47746466	15265563	290.136	255.226
14)	L3 AR-1232-4	7.306	6.544	23701686	14756484	270.794	289.203
15)	L3 AR-1232-5	7.411	6.748	17900107	15040777	308.434	270.295
16)	L4 AR-1242-1	7.122	6.227	47746466	24664240	318.555	249.387
17)	L4 AR-1242-2	7.122	6.227	47746466	24664240	220.621	174.560
18)	L4 AR-1242-3	7.192	6.442	29935732	15265563	221.956	192.885
19)	L4 AR-1242-4	7.306	6.544	23701686	14756484	202.464	201.471
20)	L4 AR-1242-5	8.131	7.157	6403929	14651411	55.677	164.520 #
21)	L5 AR-1248-1	7.122	6.227	47746466	24664240	387.081	297.061
22)	L5 AR-1248-2	7.411	6.496	17900107	12058880	111.420	108.674
23)	L5 AR-1248-3	7.641	6.544	22766663	14756484	116.392	128.183
24)	L5 AR-1248-4	8.088	6.748	8220509	15040777	37.619	106.524 #
25)	L5 AR-1248-5	8.131	7.205	6403929	3208216	30.158	22.582 #
26)	L6 AR-1254-1	8.088	7.157	8220509	14651411	35.091	62.812 #
27)	L6 AR-1254-2	8.296	7.325	18021898	10741723	49.886	53.688
28)	L6 AR-1254-3	8.692	7.788	9796016	21034835	25.891	65.193 #
29)	L6 AR-1254-4	8.994	8.024	5785373	1944373	21.614	9.991 #
30)	L6 AR-1254-5	9.467	8.468	7037905	41254600	24.685	160.843 #
31)	L7 AR-1260-1	8.864	7.914	44756114	31092778	175.526	175.567
32)	L7 AR-1260-2	9.135	8.118	55042791	39041656	176.599	177.930
33)	L7 AR-1260-3	9.510	8.283	41119501	34822269	164.502	168.381
34)	L7 AR-1260-4	9.752	8.781	47087214	28780190	163.205	164.940
35)	L7 AR-1260-5	10.097	9.034	96633234	67160723	163.488	158.413
36)	L8 AR-1262-1	9.510	8.506	41119501	30475943	100.921	99.302
37)	L8 AR-1262-2	10.097	9.034	96633234	67160723	131.651	121.547
38)	L8 AR-1262-3	10.449	9.326	63461597	14656884	129.271	72.764 #
39)	L8 AR-1262-4	10.506	9.393	39397707	48840713	100.183	125.407 #
40)	L8 AR-1262-5	11.226	9.918	28437166	16138156	114.400	101.027
41)	L9 AR-1268-1	10.449	9.326	63461597	14656884	75.975	25.477 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051419\
 Data File : PQ039741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2019 18:46
 Operator : AJ\MA
 Sample : PB119623BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

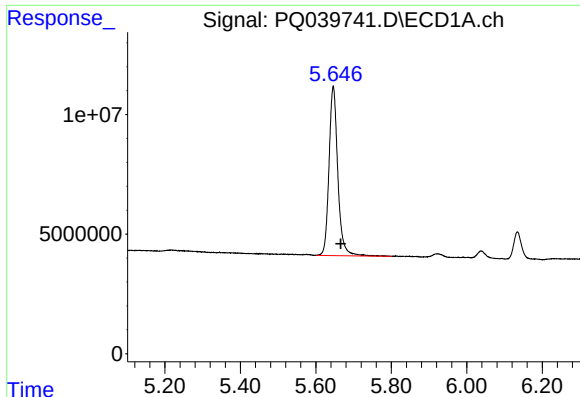
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 10:49:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 10 01:55:02 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	10.506	9.393	39397707	48840713	48.663	92.033 #
43) L9	AR-1268-3	10.765	0.000	2357920	0	3.468	N.D. #
44) L9	AR-1268-4	11.226	9.918	28437166	16138156	107.639	95.648
45) L9	AR-1268-5	11.662	10.231	8751515	4207439	4.135	3.297

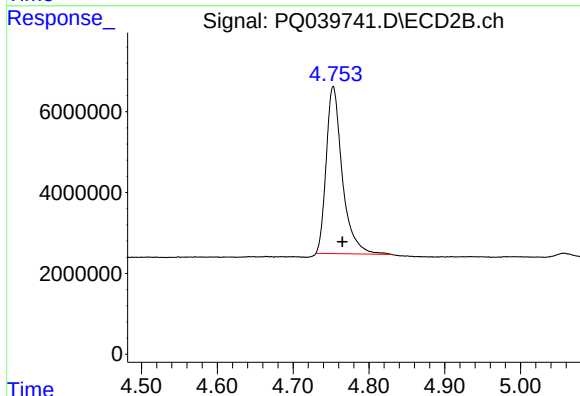
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

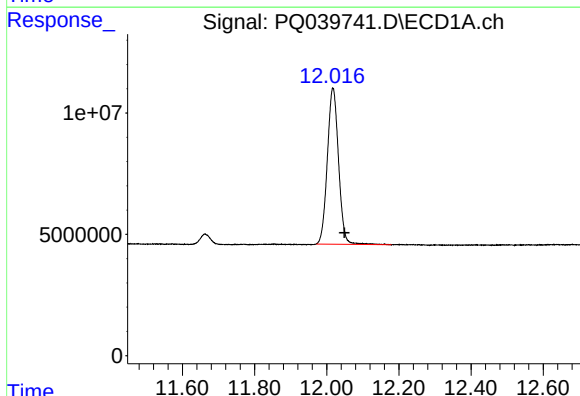
R.T.: 5.646 min
Delta R.T.: -0.020 min
Response: 114510159
Conc: 20.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



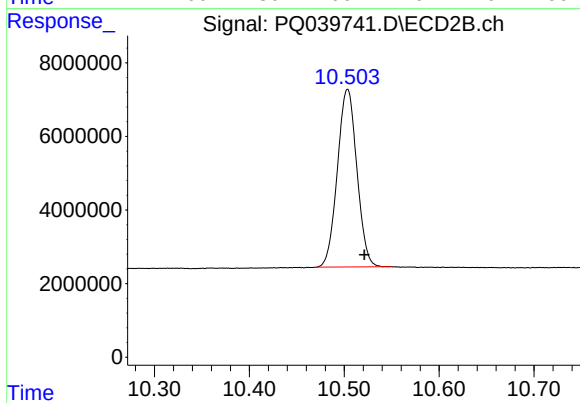
#1 Tetrachloro-m-xylene

R.T.: 4.753 min
Delta R.T.: -0.012 min
Response: 60822532
Conc: 16.57 ng/ml



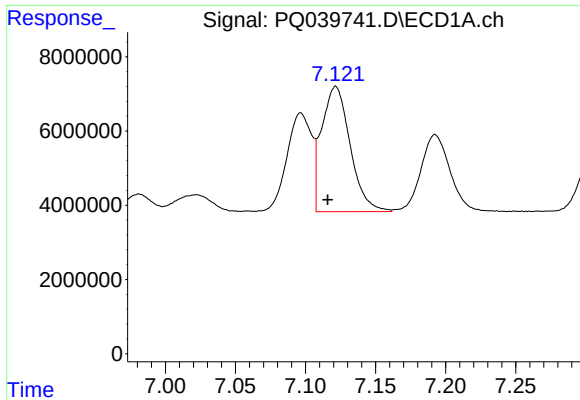
#2 Decachlorobiphenyl

R.T.: 12.017 min
Delta R.T.: -0.031 min
Response: 138512910
Conc: 21.44 ng/ml



#2 Decachlorobiphenyl

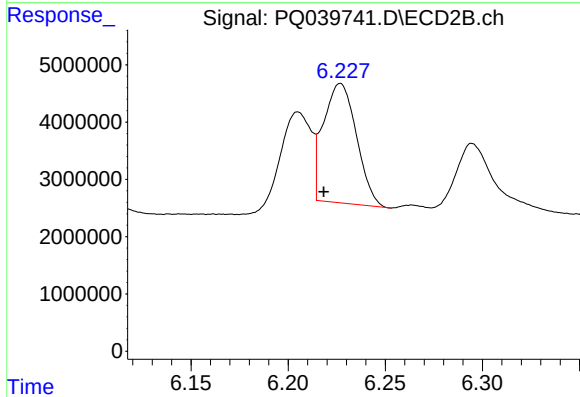
R.T.: 10.504 min
Delta R.T.: -0.018 min
Response: 68871242
Conc: 20.79 ng/ml



#3 AR-1016-1

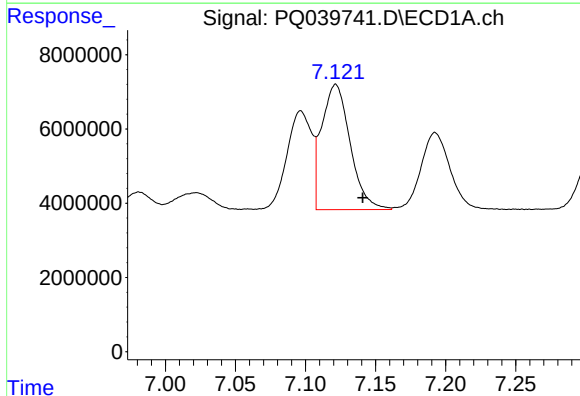
R.T.: 7.122 min
Delta R.T.: 0.006 min
Response: 47746466
Conc: 250.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



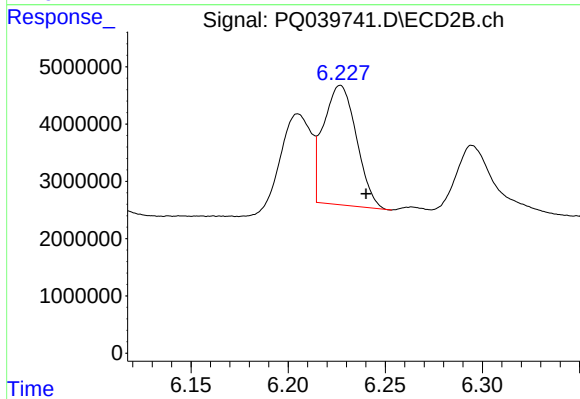
#3 AR-1016-1

R.T.: 6.227 min
Delta R.T.: 0.009 min
Response: 24664240
Conc: 198.56 ng/ml



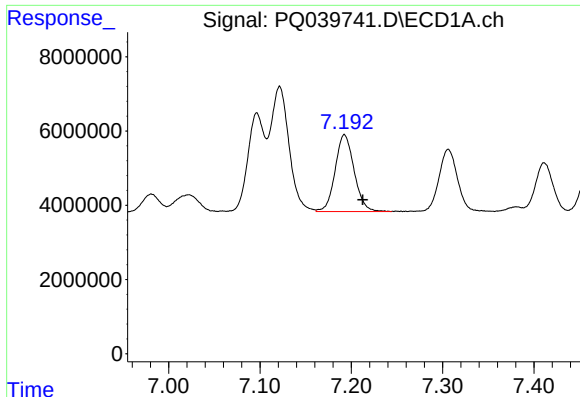
#4 AR-1016-2

R.T.: 7.122 min
Delta R.T.: -0.019 min
Response: 47746466
Conc: 170.16 ng/ml



#4 AR-1016-2

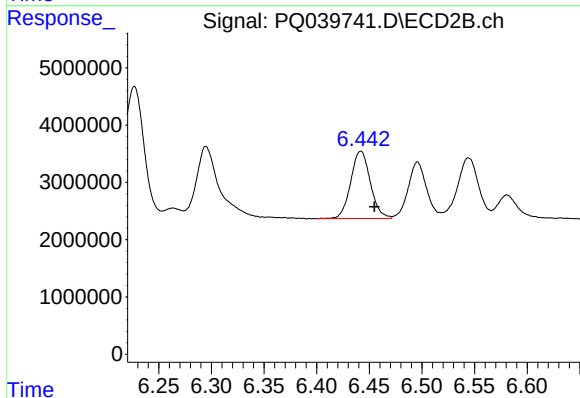
R.T.: 6.227 min
Delta R.T.: -0.013 min
Response: 24664240
Conc: 140.95 ng/ml



#5 AR-1016-3

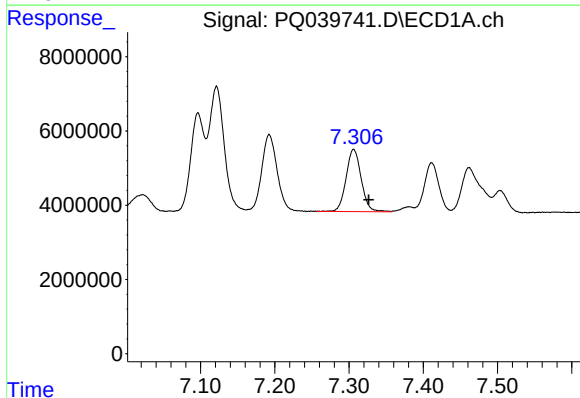
R.T.: 7.192 min
Delta R.T.: -0.020 min
Response: 29935732
Conc: 177.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



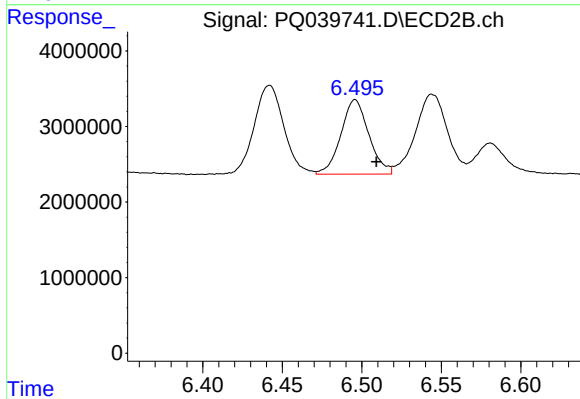
#5 AR-1016-3

R.T.: 6.442 min
Delta R.T.: -0.013 min
Response: 15265563
Conc: 147.94 ng/ml



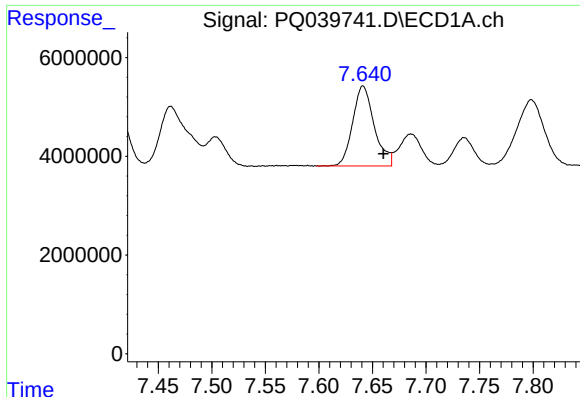
#6 AR-1016-4

R.T.: 7.306 min
Delta R.T.: -0.020 min
Response: 23701686
Conc: 167.22 ng/ml



#6 AR-1016-4

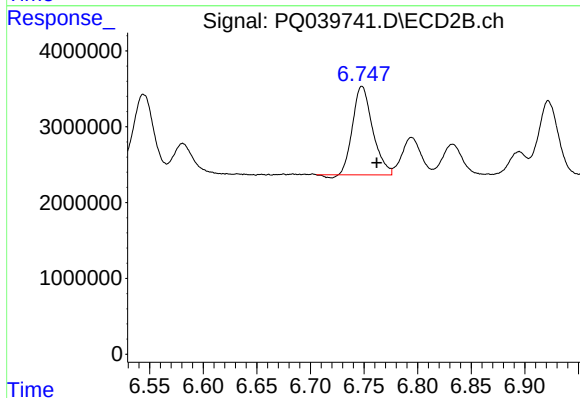
R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 12058880
Conc: 159.13 ng/ml



#7 AR-1016-5

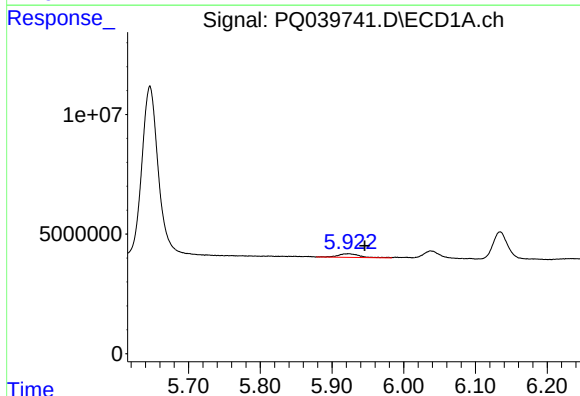
R.T.: 7.641 min
Delta R.T.: -0.019 min
Response: 22766663
Conc: 164.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



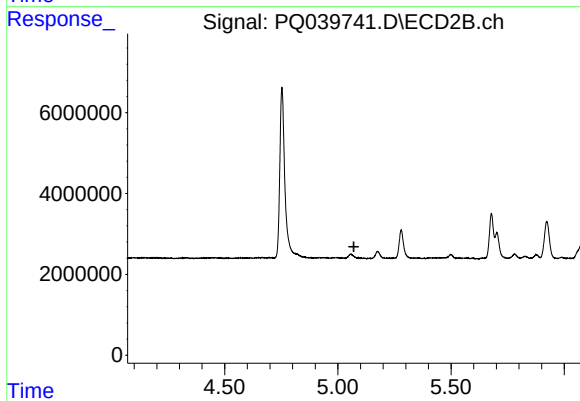
#7 AR-1016-5

R.T.: 6.748 min
Delta R.T.: -0.014 min
Response: 15040777
Conc: 156.07 ng/ml



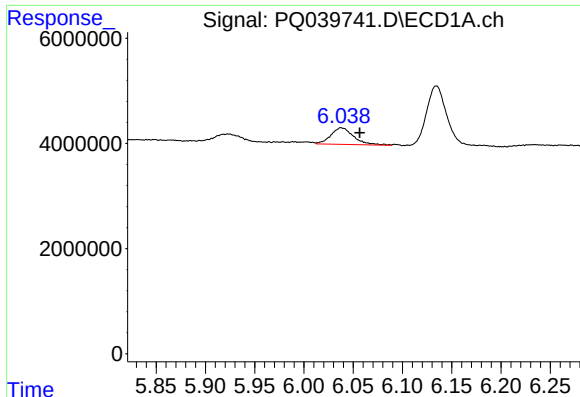
#8 AR-1221-1

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3343190
Conc: 53.47 ng/ml



#8 AR-1221-1

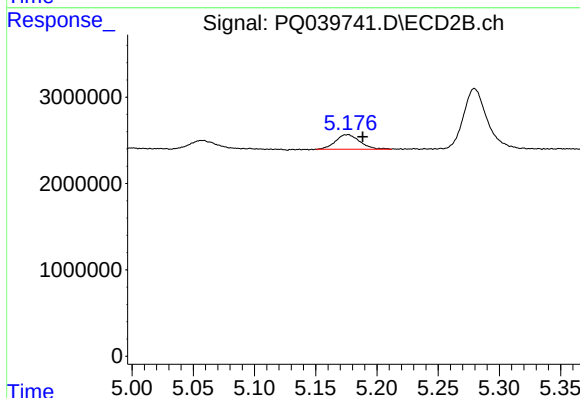
R.T.: 0.000 min
Exp R.T.: 5.071 min
Response: 0
Conc: N.D.



#9 AR-1221-2

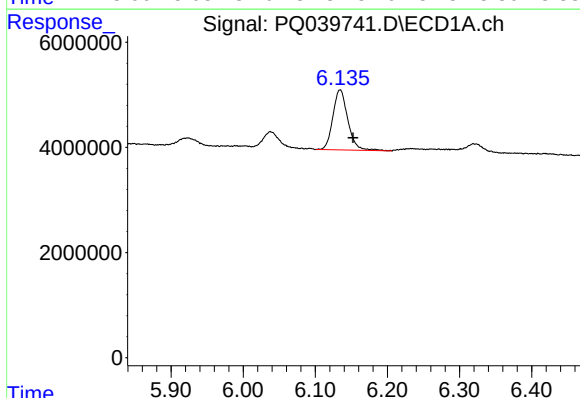
R.T.: 6.038 min
Delta R.T.: -0.019 min
Response: 5078870
Conc: 109.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



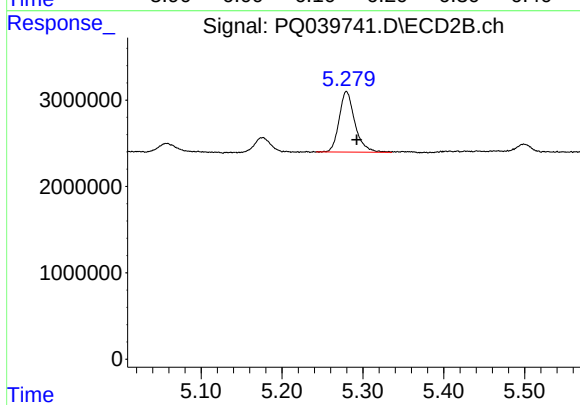
#9 AR-1221-2

R.T.: 5.176 min
Delta R.T.: -0.012 min
Response: 2330021
Conc: 82.87 ng/ml



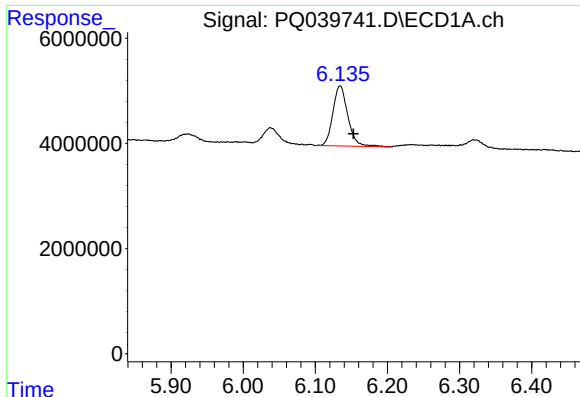
#10 AR-1221-3

R.T.: 6.134 min
Delta R.T.: -0.018 min
Response: 16490433
Conc: 115.32 ng/ml



#10 AR-1221-3

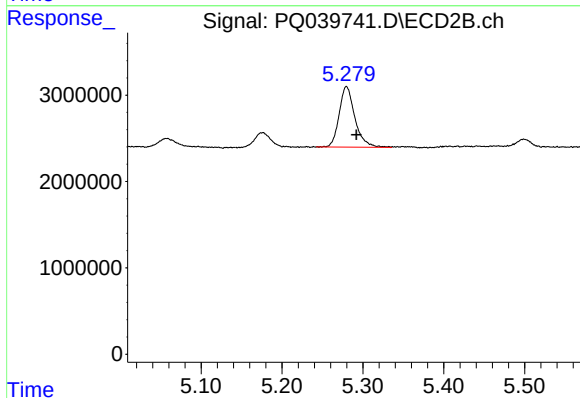
R.T.: 5.280 min
Delta R.T.: -0.013 min
Response: 9450453
Conc: 100.75 ng/ml



#11 AR-1232-1

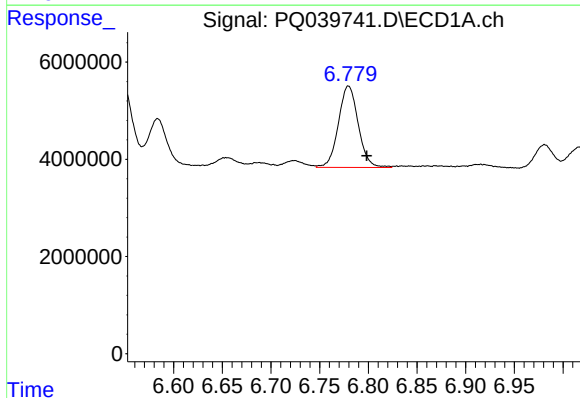
R.T.: 6.134 min
Delta R.T.: -0.018 min
Response: 16490433
Conc: 104.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



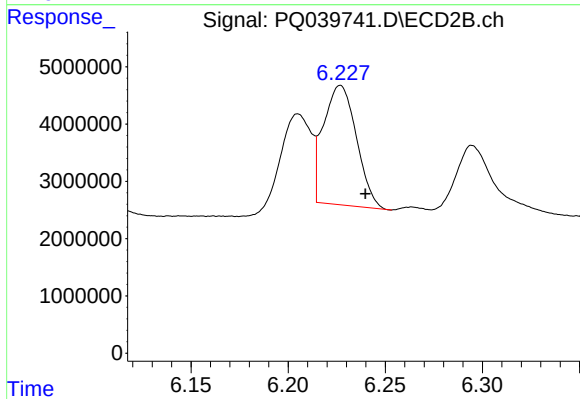
#11 AR-1232-1

R.T.: 5.280 min
Delta R.T.: -0.012 min
Response: 9450453
Conc: 93.64 ng/ml



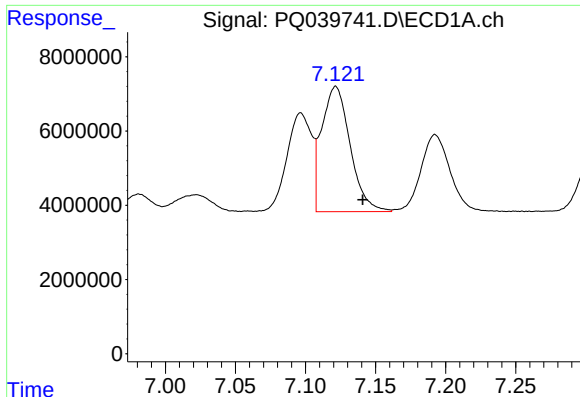
#12 AR-1232-2

R.T.: 6.780 min
Delta R.T.: -0.019 min
Response: 23853143
Conc: 278.73 ng/ml



#12 AR-1232-2

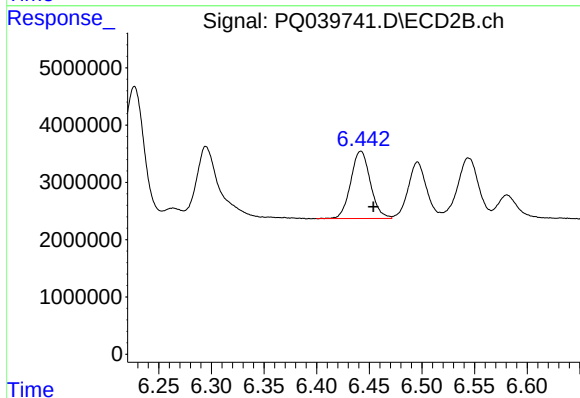
R.T.: 6.227 min
Delta R.T.: -0.013 min
Response: 24664240
Conc: 230.74 ng/ml



#13 AR-1232-3

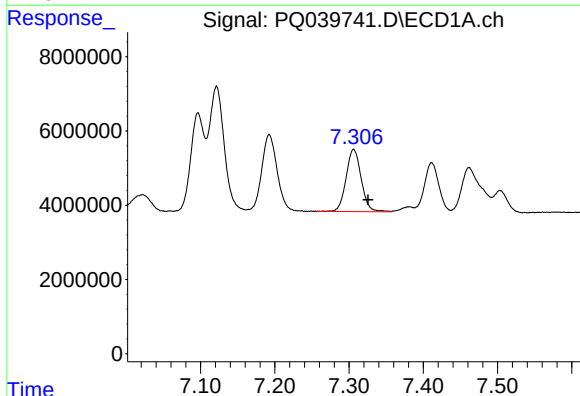
R.T.: 7.122 min
Delta R.T.: -0.019 min
Response: 47746466
Conc: 290.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



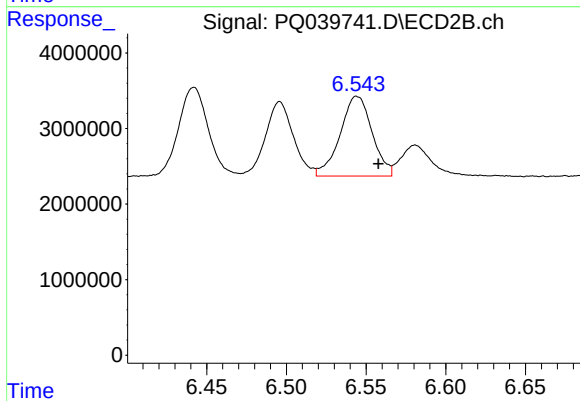
#13 AR-1232-3

R.T.: 6.442 min
Delta R.T.: -0.012 min
Response: 15265563
Conc: 255.23 ng/ml



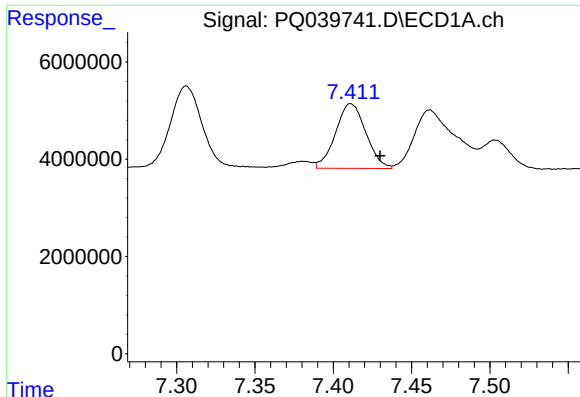
#14 AR-1232-4

R.T.: 7.306 min
Delta R.T.: -0.019 min
Response: 23701686
Conc: 270.79 ng/ml



#14 AR-1232-4

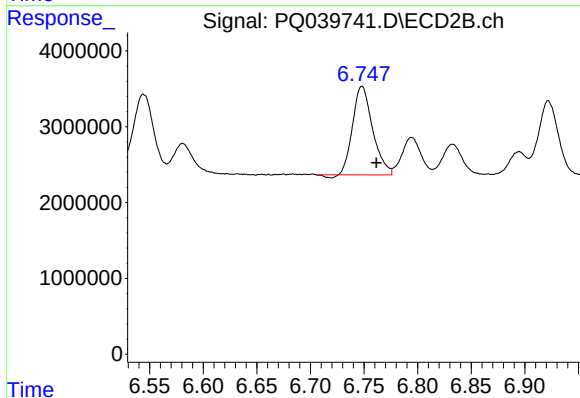
R.T.: 6.544 min
Delta R.T.: -0.014 min
Response: 14756484
Conc: 289.20 ng/ml



#15 AR-1232-5

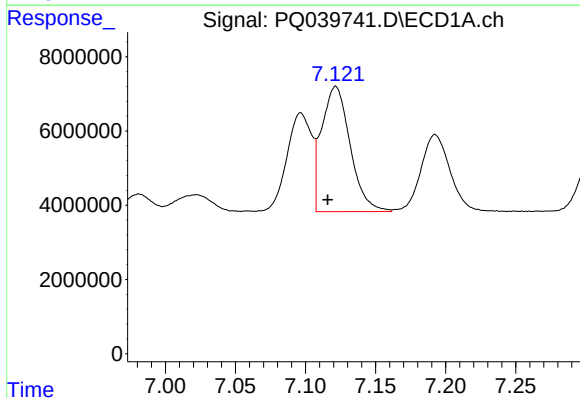
R.T.: 7.411 min
Delta R.T.: -0.019 min
Response: 17900107
Conc: 308.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



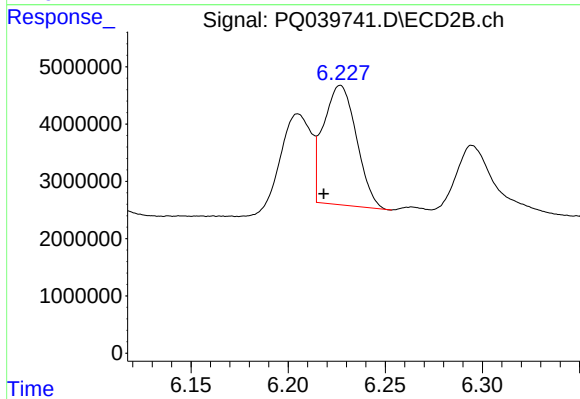
#15 AR-1232-5

R.T.: 6.748 min
Delta R.T.: -0.013 min
Response: 15040777
Conc: 270.29 ng/ml



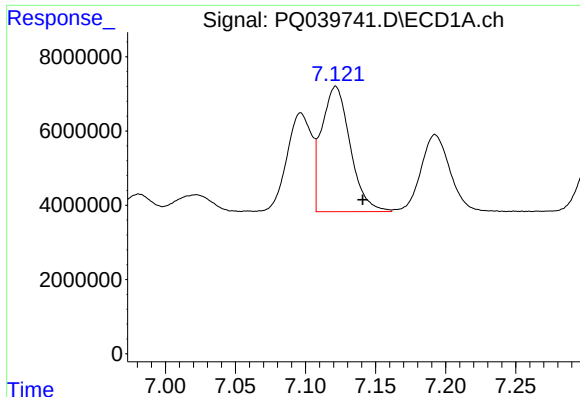
#16 AR-1242-1

R.T.: 7.122 min
Delta R.T.: 0.006 min
Response: 47746466
Conc: 318.55 ng/ml



#16 AR-1242-1

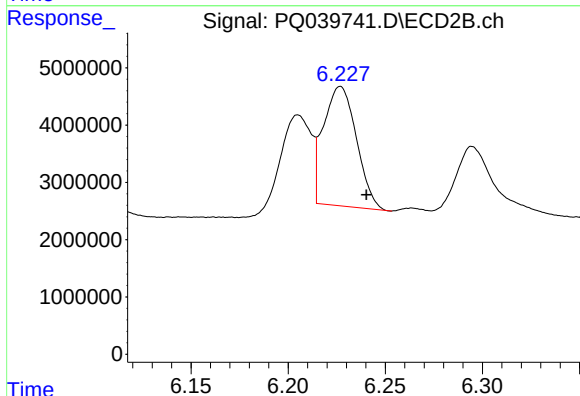
R.T.: 6.227 min
Delta R.T.: 0.009 min
Response: 24664240
Conc: 249.39 ng/ml



#17 AR-1242-2

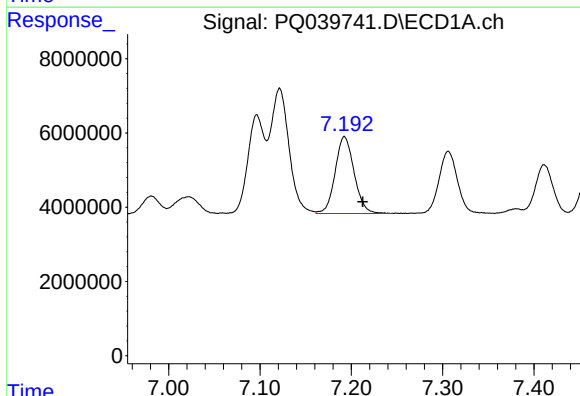
R.T.: 7.122 min
Delta R.T.: -0.019 min
Response: 47746466
Conc: 220.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



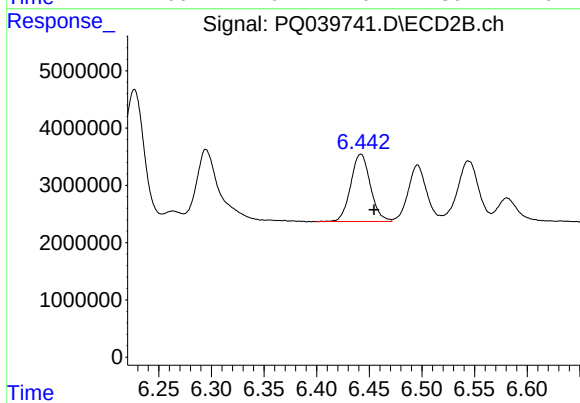
#17 AR-1242-2

R.T.: 6.227 min
Delta R.T.: -0.013 min
Response: 24664240
Conc: 174.56 ng/ml



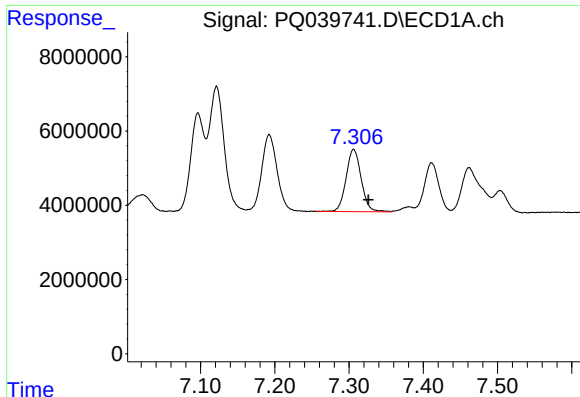
#18 AR-1242-3

R.T.: 7.192 min
Delta R.T.: -0.020 min
Response: 29935732
Conc: 221.96 ng/ml



#18 AR-1242-3

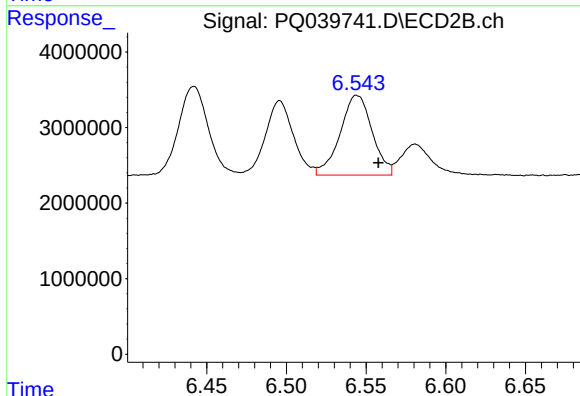
R.T.: 6.442 min
Delta R.T.: -0.013 min
Response: 15265563
Conc: 192.89 ng/ml



#19 AR-1242-4

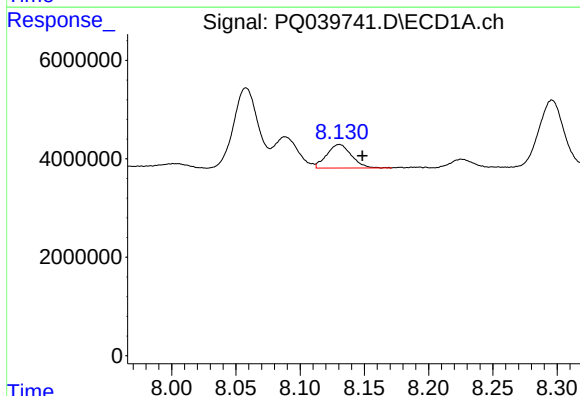
R.T.: 7.306 min
Delta R.T.: -0.020 min
Response: 23701686
Conc: 202.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



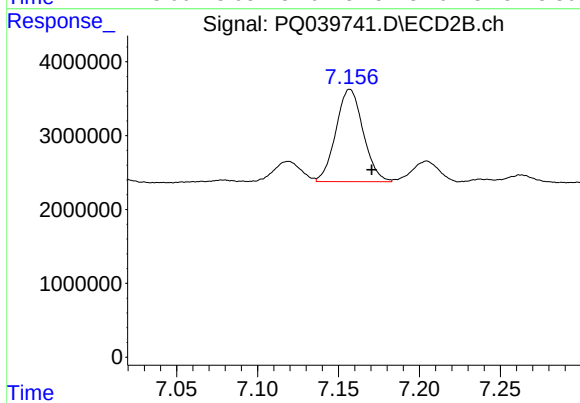
#19 AR-1242-4

R.T.: 6.544 min
Delta R.T.: -0.013 min
Response: 14756484
Conc: 201.47 ng/ml



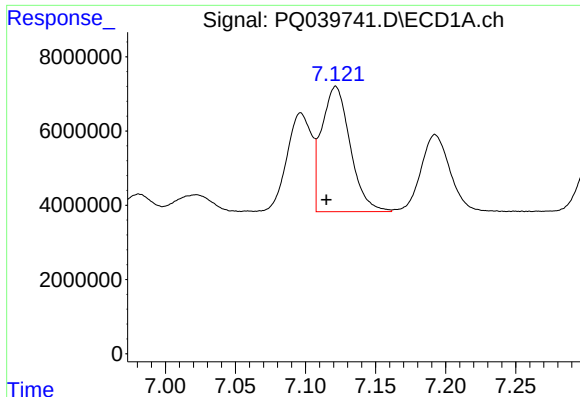
#20 AR-1242-5

R.T.: 8.131 min
Delta R.T.: -0.018 min
Response: 6403929
Conc: 55.68 ng/ml



#20 AR-1242-5

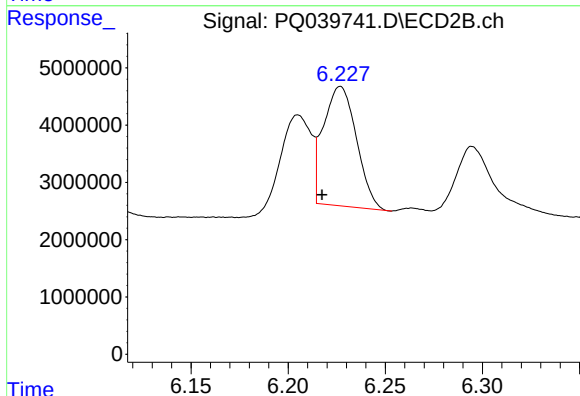
R.T.: 7.157 min
Delta R.T.: -0.013 min
Response: 14651411
Conc: 164.52 ng/ml



#21 AR-1248-1

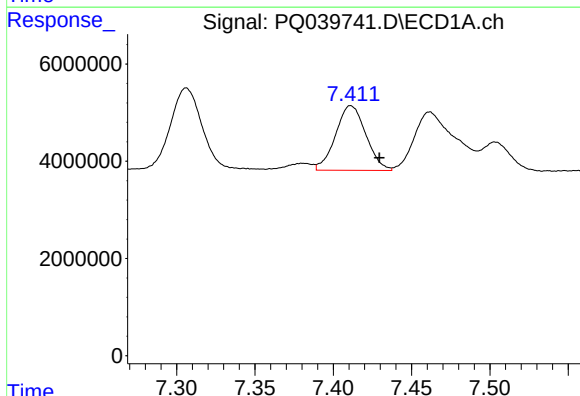
R.T.: 7.122 min
Delta R.T.: 0.007 min
Response: 47746466
Conc: 387.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



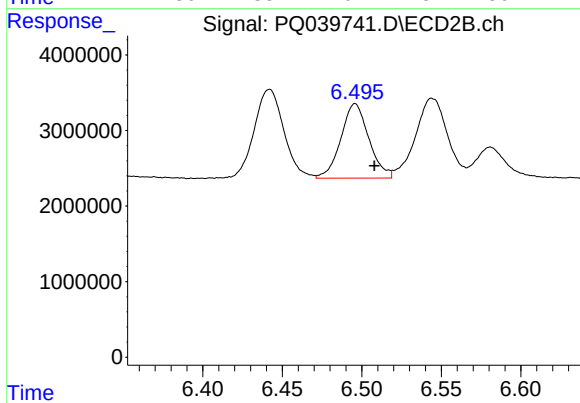
#21 AR-1248-1

R.T.: 6.227 min
Delta R.T.: 0.009 min
Response: 24664240
Conc: 297.06 ng/ml



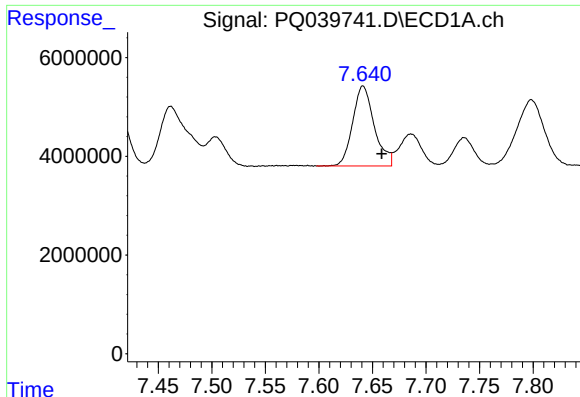
#22 AR-1248-2

R.T.: 7.411 min
Delta R.T.: -0.018 min
Response: 17900107
Conc: 111.42 ng/ml



#22 AR-1248-2

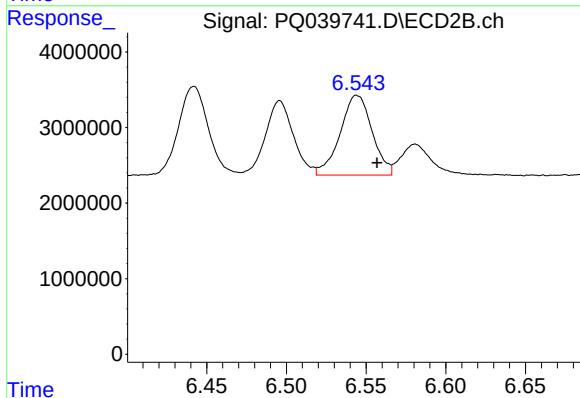
R.T.: 6.496 min
Delta R.T.: -0.012 min
Response: 12058880
Conc: 108.67 ng/ml



#23 AR-1248-3

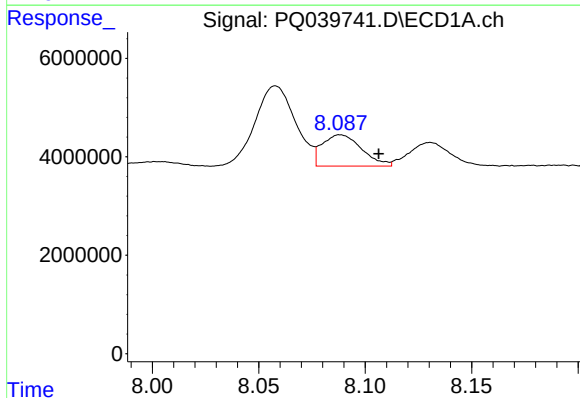
R.T.: 7.641 min
Delta R.T.: -0.017 min
Response: 22766663
Conc: 116.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



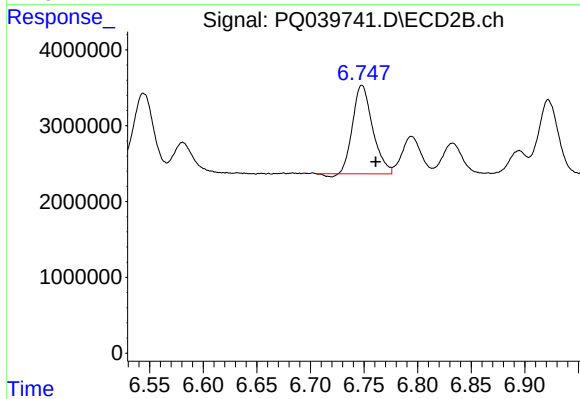
#23 AR-1248-3

R.T.: 6.544 min
Delta R.T.: -0.013 min
Response: 14756484
Conc: 128.18 ng/ml



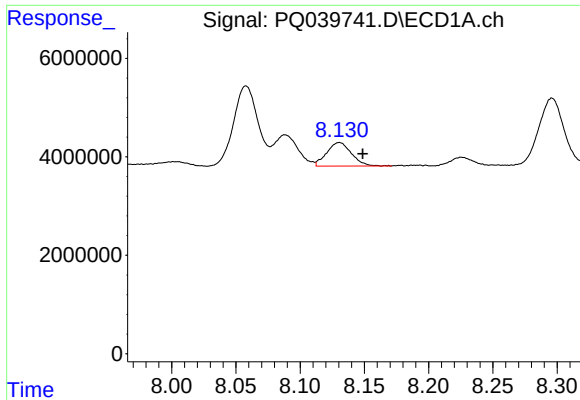
#24 AR-1248-4

R.T.: 8.088 min
Delta R.T.: -0.018 min
Response: 8220509
Conc: 37.62 ng/ml



#24 AR-1248-4

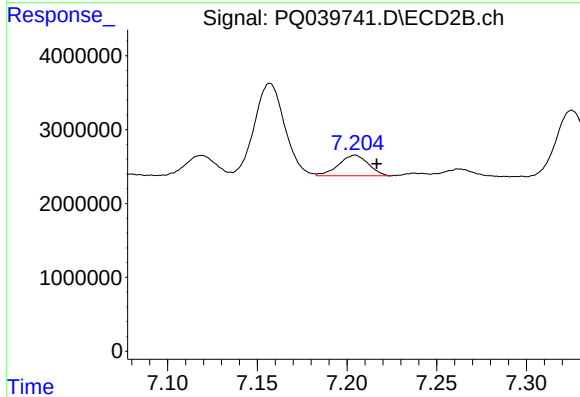
R.T.: 6.748 min
Delta R.T.: -0.013 min
Response: 15040777
Conc: 106.52 ng/ml



#25 AR-1248-5

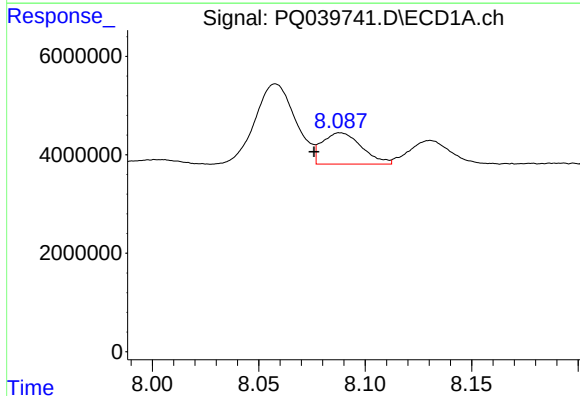
R.T.: 8.131 min
Delta R.T.: -0.018 min
Response: 6403929
Conc: 30.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



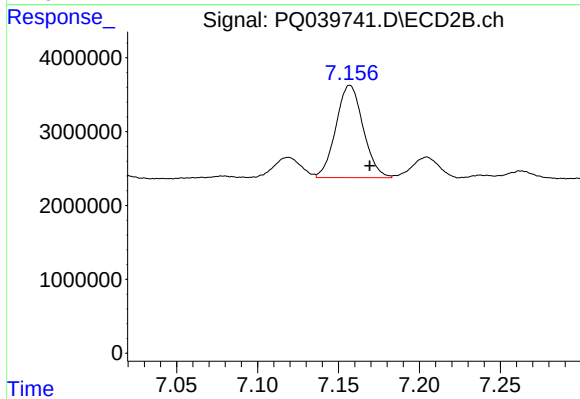
#25 AR-1248-5

R.T.: 7.205 min
Delta R.T.: -0.012 min
Response: 3208216
Conc: 22.58 ng/ml



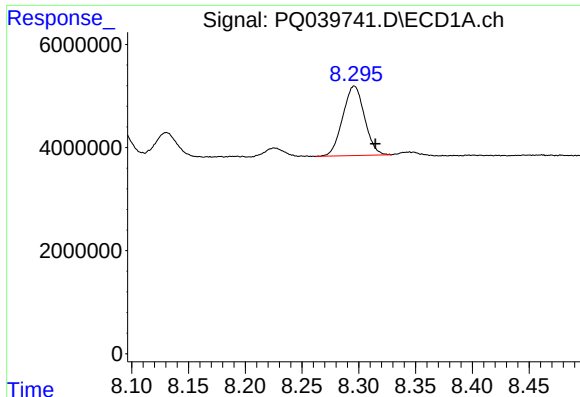
#26 AR-1254-1

R.T.: 8.088 min
Delta R.T.: 0.012 min
Response: 8220509
Conc: 35.09 ng/ml



#26 AR-1254-1

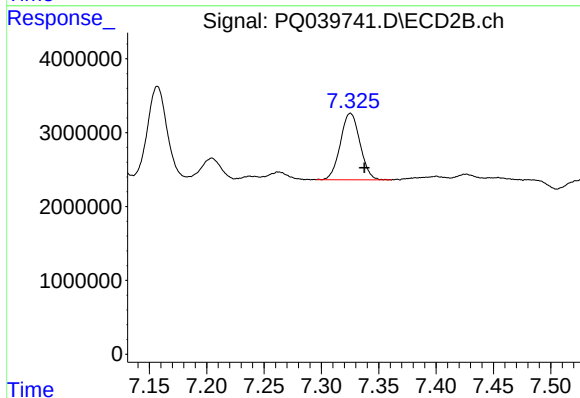
R.T.: 7.157 min
Delta R.T.: -0.012 min
Response: 14651411
Conc: 62.81 ng/ml



#27 AR-1254-2

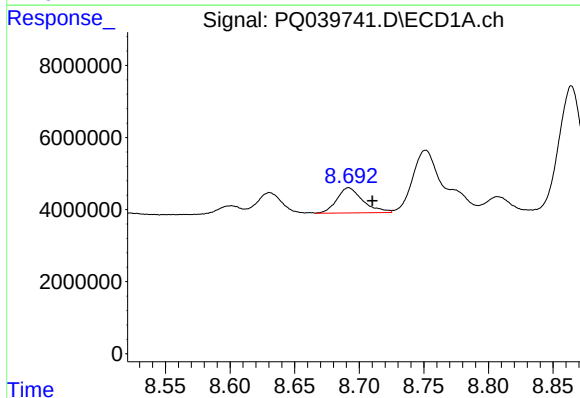
R.T.: 8.296 min
Delta R.T.: -0.019 min
Response: 18021898
Conc: 49.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



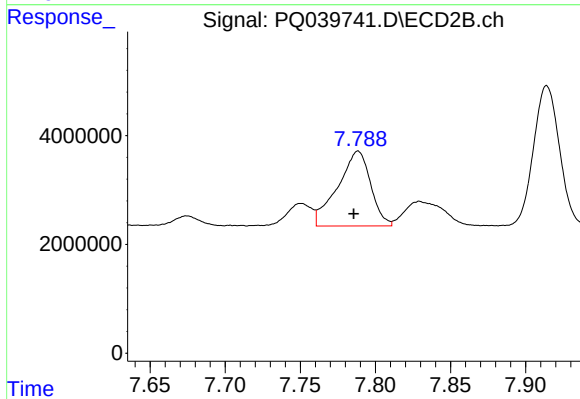
#27 AR-1254-2

R.T.: 7.325 min
Delta R.T.: -0.012 min
Response: 10741723
Conc: 53.69 ng/ml



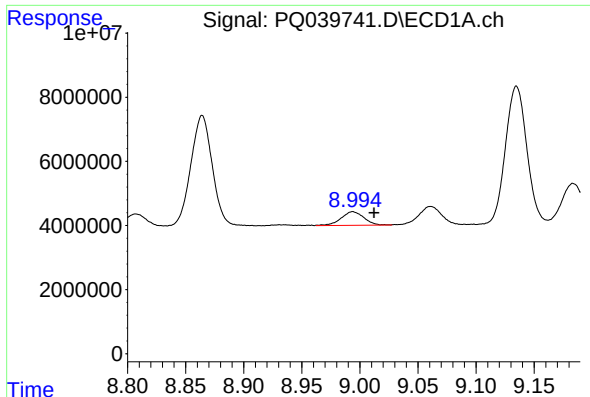
#28 AR-1254-3

R.T.: 8.692 min
Delta R.T.: -0.018 min
Response: 9796016
Conc: 25.89 ng/ml



#28 AR-1254-3

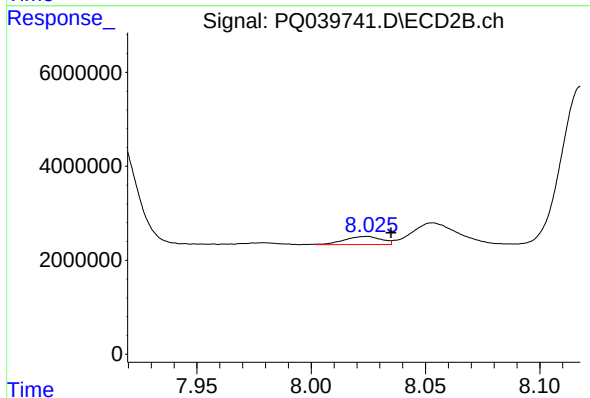
R.T.: 7.788 min
Delta R.T.: 0.003 min
Response: 21034835
Conc: 65.19 ng/ml



#29 AR-1254-4

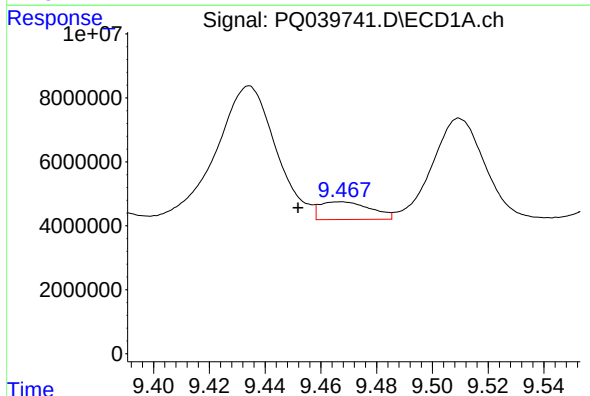
R.T.: 8.994 min
Delta R.T.: -0.018 min
Response: 5785373
Conc: 21.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



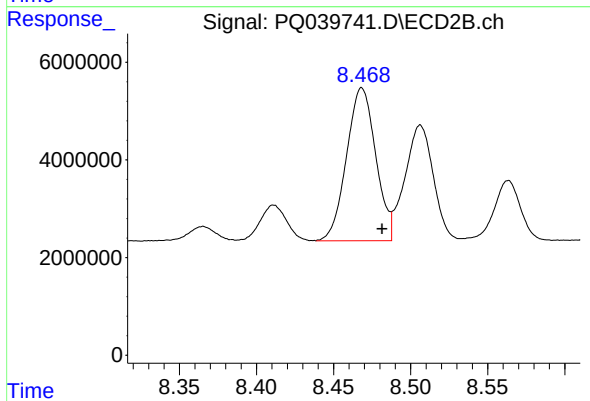
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: -0.011 min
Response: 1944373
Conc: 9.99 ng/ml



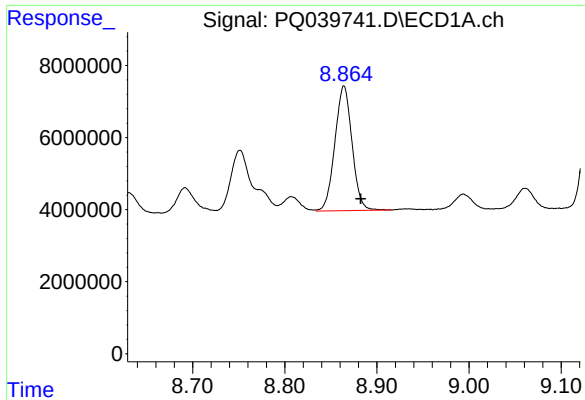
#30 AR-1254-5

R.T.: 9.467 min
Delta R.T.: 0.015 min
Response: 7037905
Conc: 24.69 ng/ml



#30 AR-1254-5

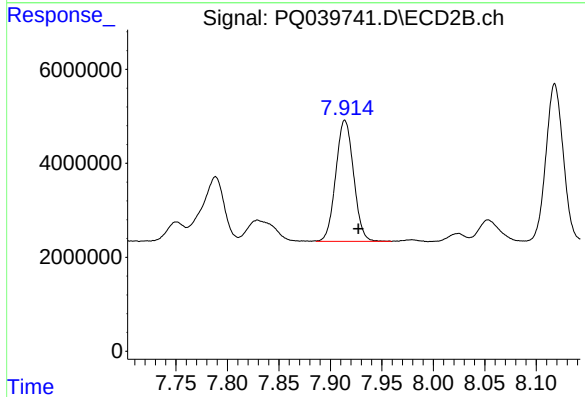
R.T.: 8.468 min
Delta R.T.: -0.013 min
Response: 41254600
Conc: 160.84 ng/ml



#31 AR-1260-1

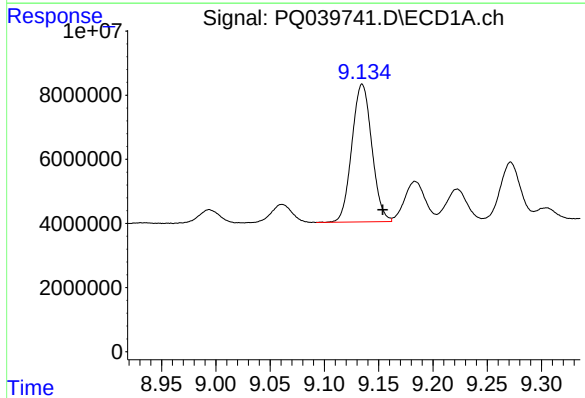
R.T.: 8.864 min
Delta R.T.: -0.018 min
Response: 44756114
Conc: 175.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



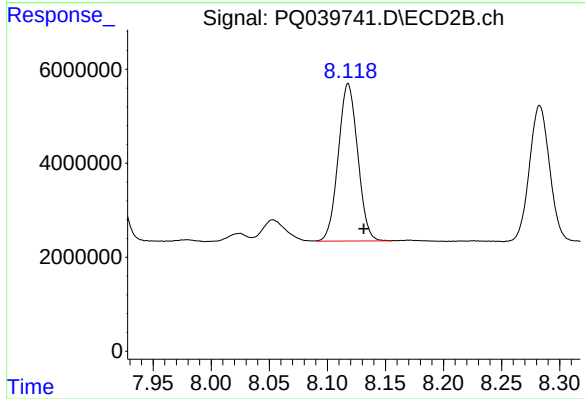
#31 AR-1260-1

R.T.: 7.914 min
Delta R.T.: -0.013 min
Response: 31092778
Conc: 175.57 ng/ml



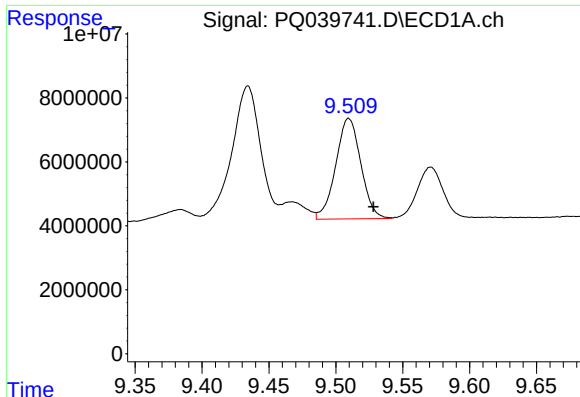
#32 AR-1260-2

R.T.: 9.135 min
Delta R.T.: -0.019 min
Response: 55042791
Conc: 176.60 ng/ml



#32 AR-1260-2

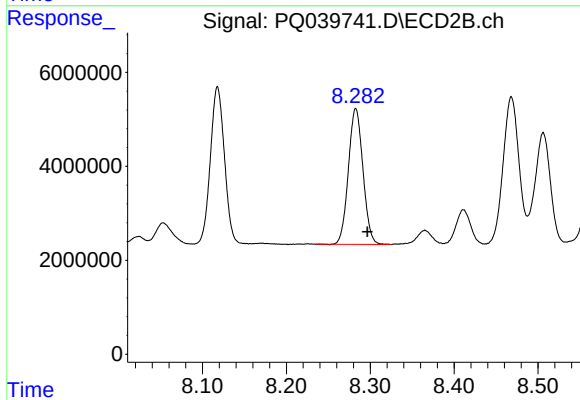
R.T.: 8.118 min
Delta R.T.: -0.013 min
Response: 39041656
Conc: 177.93 ng/ml



#33 AR-1260-3

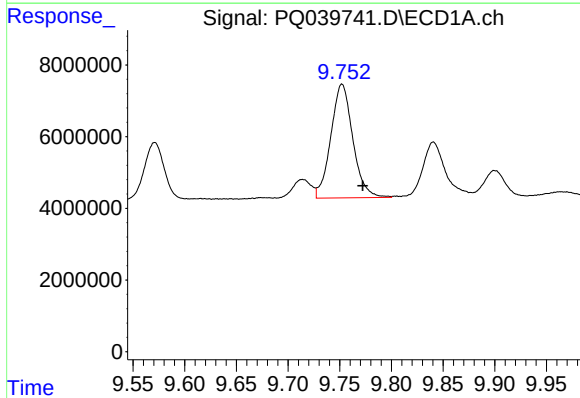
R.T.: 9.510 min
Delta R.T.: -0.018 min
Response: 41119501
Conc: 164.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



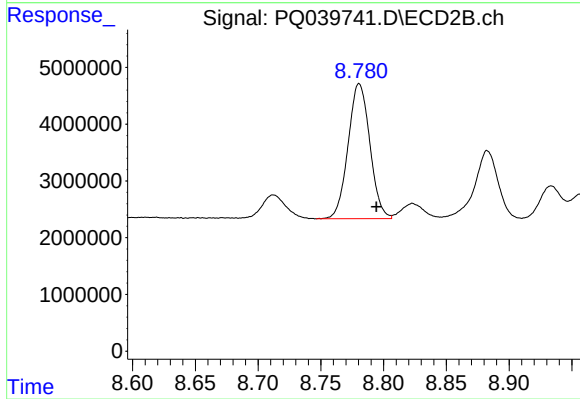
#33 AR-1260-3

R.T.: 8.283 min
Delta R.T.: -0.014 min
Response: 34822269
Conc: 168.38 ng/ml



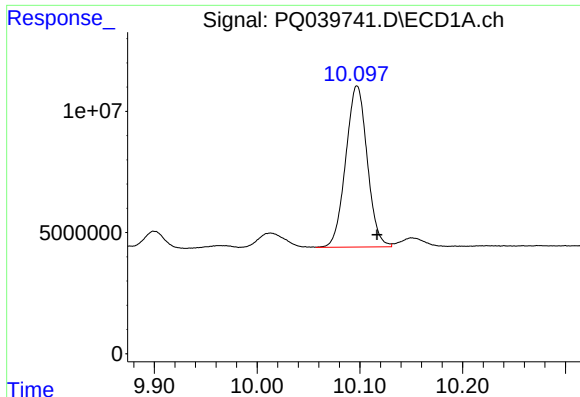
#34 AR-1260-4

R.T.: 9.752 min
Delta R.T.: -0.020 min
Response: 47087214
Conc: 163.21 ng/ml



#34 AR-1260-4

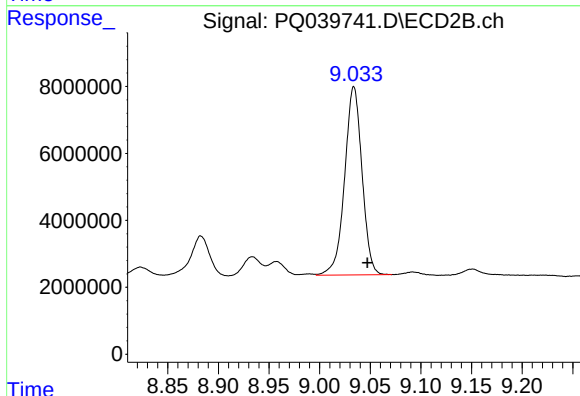
R.T.: 8.781 min
Delta R.T.: -0.014 min
Response: 28780190
Conc: 164.94 ng/ml



#35 AR-1260-5

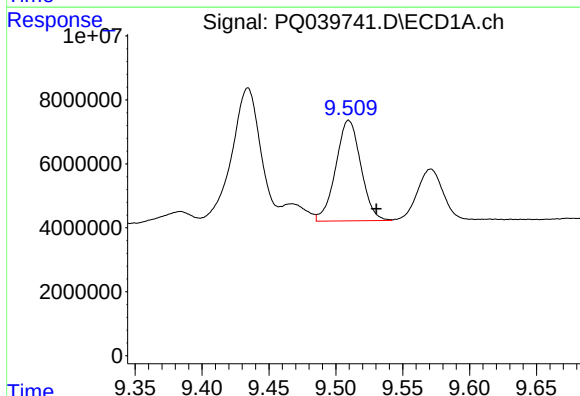
R.T.: 10.097 min
Delta R.T.: -0.019 min
Response: 96633234
Conc: 163.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



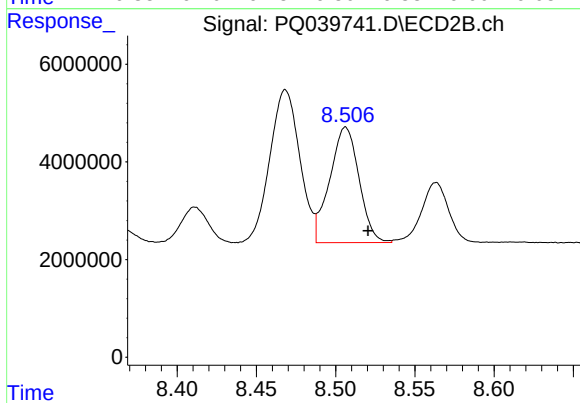
#35 AR-1260-5

R.T.: 9.034 min
Delta R.T.: -0.013 min
Response: 67160723
Conc: 158.41 ng/ml



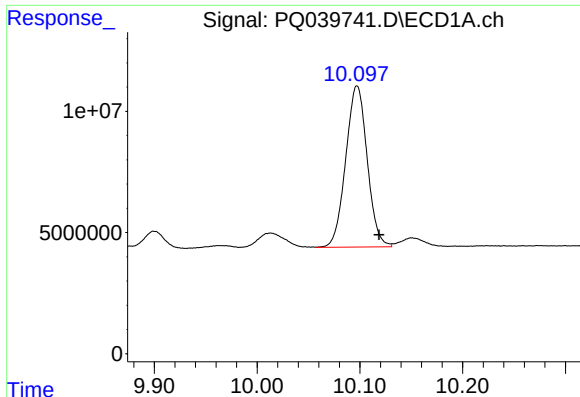
#36 AR-1262-1

R.T.: 9.510 min
Delta R.T.: -0.021 min
Response: 41119501
Conc: 100.92 ng/ml



#36 AR-1262-1

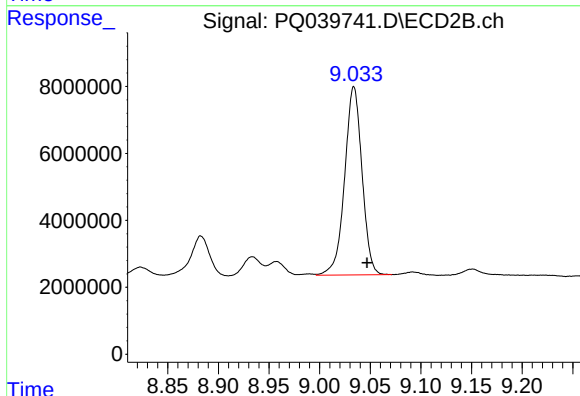
R.T.: 8.506 min
Delta R.T.: -0.014 min
Response: 30475943
Conc: 99.30 ng/ml



#37 AR-1262-2

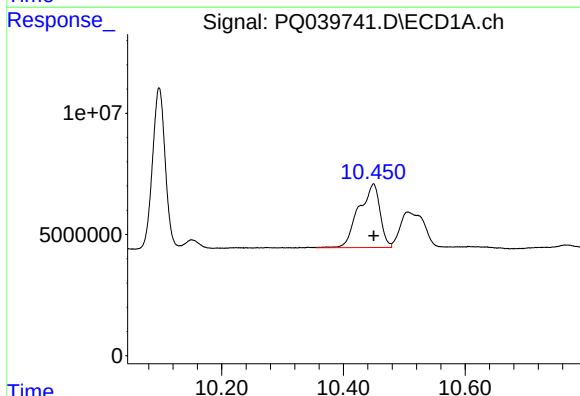
R.T.: 10.097 min
Delta R.T.: -0.021 min
Response: 96633234
Conc: 131.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



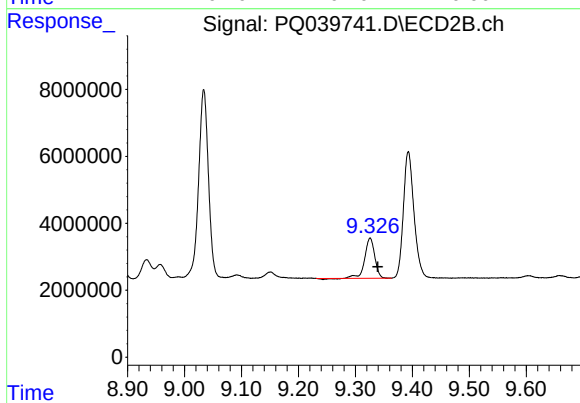
#37 AR-1262-2

R.T.: 9.034 min
Delta R.T.: -0.013 min
Response: 67160723
Conc: 121.55 ng/ml



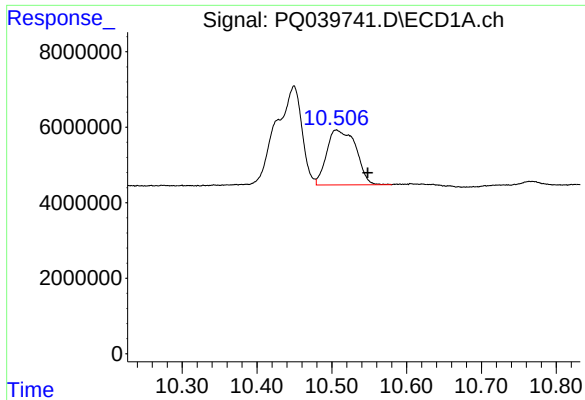
#38 AR-1262-3

R.T.: 10.449 min
Delta R.T.: 0.000 min
Response: 63461597
Conc: 129.27 ng/ml



#38 AR-1262-3

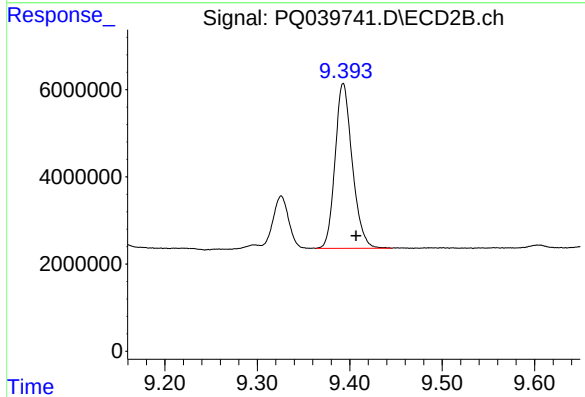
R.T.: 9.326 min
Delta R.T.: -0.013 min
Response: 14656884
Conc: 72.76 ng/ml



#39 AR-1262-4

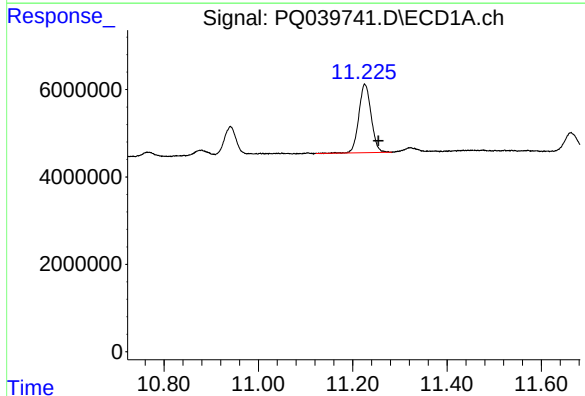
R.T.: 10.506 min
Delta R.T.: -0.042 min
Response: 39397707
Conc: 100.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



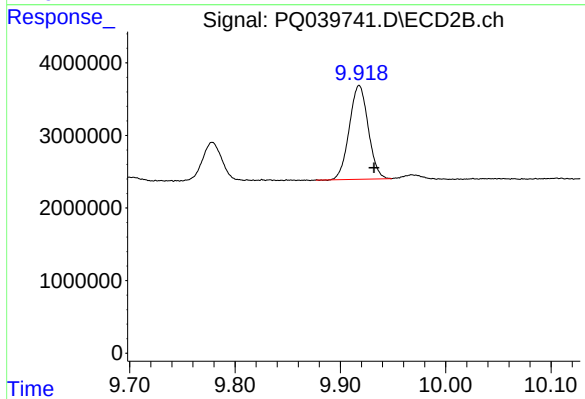
#39 AR-1262-4

R.T.: 9.393 min
Delta R.T.: -0.014 min
Response: 48840713
Conc: 125.41 ng/ml



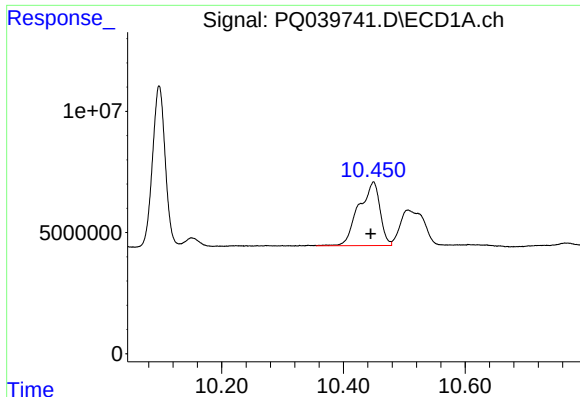
#40 AR-1262-5

R.T.: 11.226 min
Delta R.T.: -0.029 min
Response: 28437166
Conc: 114.40 ng/ml



#40 AR-1262-5

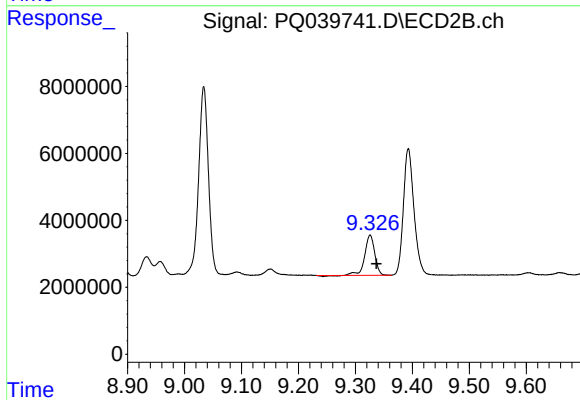
R.T.: 9.918 min
Delta R.T.: -0.014 min
Response: 16138156
Conc: 101.03 ng/ml



#41 AR-1268-1

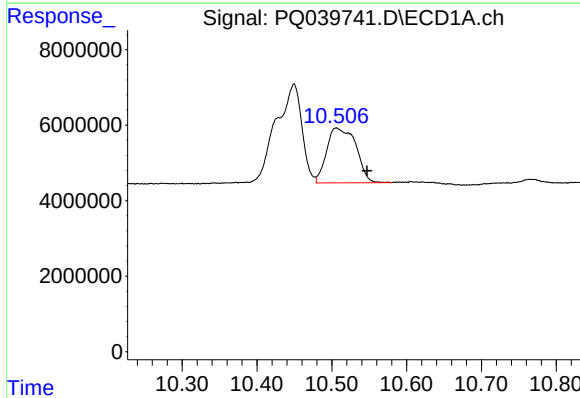
R.T.: 10.449 min
Delta R.T.: 0.004 min
Response: 63461597
Conc: 75.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



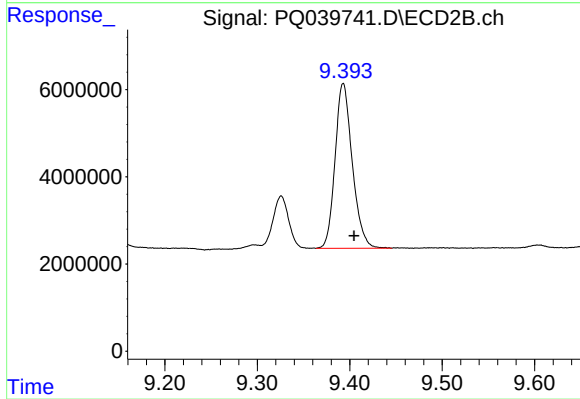
#41 AR-1268-1

R.T.: 9.326 min
Delta R.T.: -0.011 min
Response: 14656884
Conc: 25.48 ng/ml



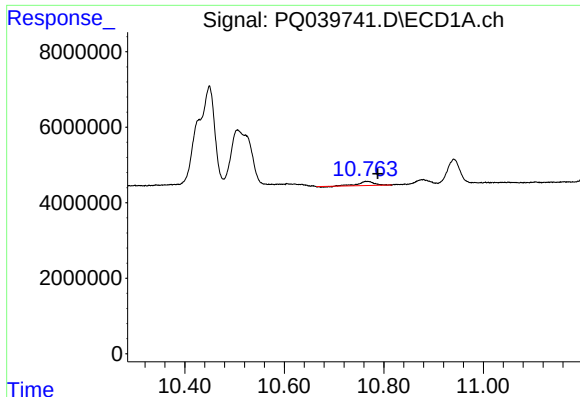
#42 AR-1268-2

R.T.: 10.506 min
Delta R.T.: -0.041 min
Response: 39397707
Conc: 48.66 ng/ml



#42 AR-1268-2

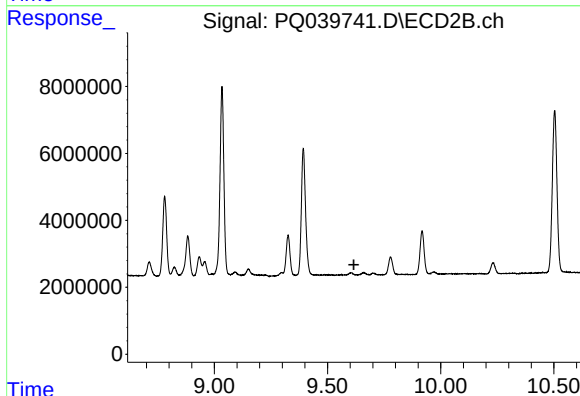
R.T.: 9.393 min
Delta R.T.: -0.012 min
Response: 48840713
Conc: 92.03 ng/ml



#43 AR-1268-3

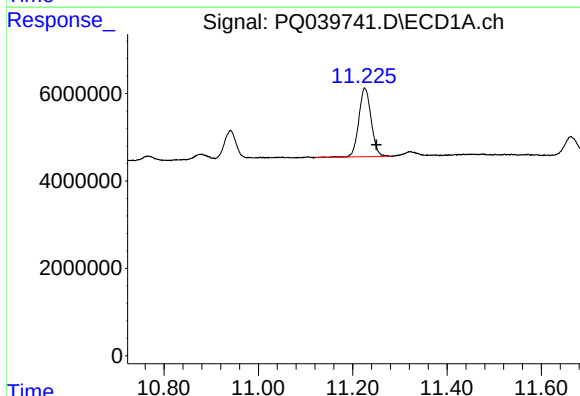
R.T.: 10.765 min
Delta R.T.: -0.024 min
Response: 2357920
Conc: 3.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



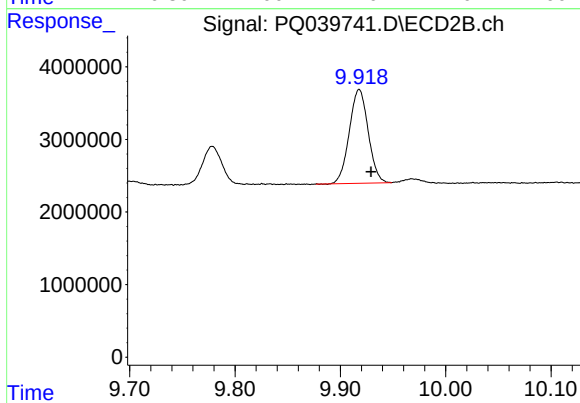
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.616 min
Response: 0
Conc: N.D.



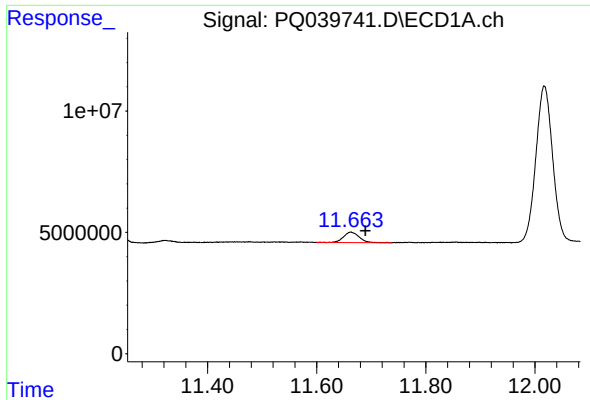
#44 AR-1268-4

R.T.: 11.226 min
Delta R.T.: -0.024 min
Response: 28437166
Conc: 107.64 ng/ml



#44 AR-1268-4

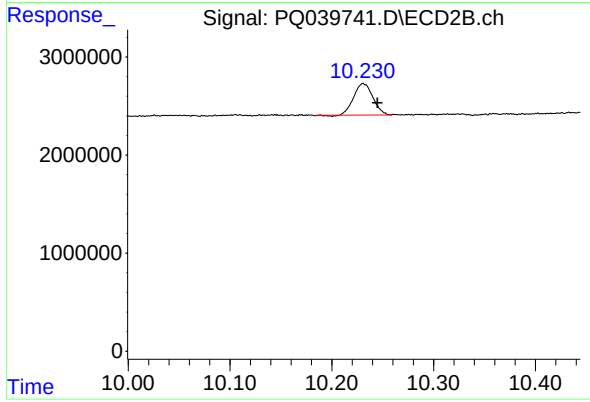
R.T.: 9.918 min
Delta R.T.: -0.011 min
Response: 16138156
Conc: 95.65 ng/ml



#45 AR-1268-5

R.T.: 11.662 min
Delta R.T.: -0.027 min
Response: 8751515
Conc: 4.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.231 min
Delta R.T.: -0.014 min
Response: 4207439
Conc: 3.30 ng/ml