

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031622\
 Data File : PQ056615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 19:24
 Operator : YP\AJ
 Sample : N1930-09MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 03:46:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 16 09:32:52 2022
 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...	4.530	3.748	244.1E6	191.7E6	16.274	15.791
2)	SA Decachlor...	10.306	8.691	577.5E6	350.8E6	40.593	35.745
Target Compounds							
3)	L1 AR-1016-1	5.708	4.816	102.6E6	116.3E6	319.390	305.995
4)	L1 AR-1016-2	5.730	4.835	211.1E6	190.1E6	317.875	293.648
5)	L1 AR-1016-3	5.791	5.008	139.5E6	87645196	318.168	296.039
6)	L1 AR-1016-4	5.892	5.047	109.5E6	71411858	311.756	292.526
7)	L1 AR-1016-5	6.180	5.258	90410092	89927230	317.849	289.390
8)	L2 AR-1221-1	4.744	3.956	12090418	11305182	85.028	89.183
9)	L2 AR-1221-2	4.833	4.042	19133508	15517457	186.312	178.878
10)	L2 AR-1221-3	4.911	4.117	77971628	62116522	218.167	199.898
11)	L3 AR-1232-1	4.911	4.117	77971628	62116522	271.935	246.291
12)	L3 AR-1232-2	5.436	4.835	112.7E6	190.1E6	712.785	701.037
13)	L3 AR-1232-3	5.730	5.008	211.1E6	87645196	736.536	732.922
14)	L3 AR-1232-4	5.892	5.089	109.5E6	86276630	753.607	782.771
15)	L3 AR-1232-5	5.974	5.258	75476993	89927230	839.773	722.596
16)	L4 AR-1242-1	5.708	4.816	102.6E6	116.3E6	415.718	392.830
17)	L4 AR-1242-2	5.730	4.835	211.1E6	190.1E6	396.124	372.384
18)	L4 AR-1242-3	5.791	5.008	139.5E6	87645196	392.013	378.393
19)	L4 AR-1242-4	5.892	5.089	109.5E6	86276630	392.495	372.047
20)	L4 AR-1242-5	6.626	5.604	21873608	73888443	75.265	247.401 #
21)	L5 AR-1248-1	5.708	4.816	102.6E6	116.3E6	590.970	543.744
22)	L5 AR-1248-2	5.974	5.047	75476993	71411858	256.440	224.816
23)	L5 AR-1248-3	6.180	5.089	90410092	86276630	248.943	257.923
24)	L5 AR-1248-4	6.585	5.258	18732245	89927230	45.636	226.189 #
25)	L5 AR-1248-5	6.626	5.647	21873608	10413171	46.350	25.495 #
26)	L6 AR-1254-1	6.555	5.604	70840457	73888443	173.096	110.064 #
27)	L6 AR-1254-2	6.771	5.749	82239175	70022227	126.178	122.468
28)	L6 AR-1254-3	7.142	6.161	52463070	127.3E6	65.872	134.567 #
29)	L6 AR-1254-4	7.428	6.374	38913624	15390851	74.514	22.909 #
30)	L6 AR-1254-5	7.845	6.784	259.6E6	254.0E6	427.234	311.283 #
31)	L7 AR-1260-1	7.301	6.274	168.2E6	172.7E6	362.149	306.296
32)	L7 AR-1260-2	7.557	6.460	207.0E6	213.3E6	376.231	311.944
33)	L7 AR-1260-3	7.845	6.611	259.6E6	184.7E6	366.390	288.636
34)	L7 AR-1260-4	8.146	7.077	172.2E6	140.3E6	319.558	261.653
35)	L7 AR-1260-5	8.474	7.316	378.3E6	357.3E6	326.116	268.993
36)	L8 AR-1262-1	7.914	6.784	118.6E6	254.0E6	167.511	602.148 #
37)	L8 AR-1262-2	8.474	7.316	378.3E6	357.3E6	255.070	223.047
38)	L8 AR-1262-3	8.787	7.597	77195303	66370014	111.869	111.343
39)	L8 AR-1262-4	8.864	7.660	160.6E6	257.7E6	237.263	223.142
40)	L8 AR-1262-5	9.554	8.152	117.3E6	73166194	184.700	147.306
41)	L9 AR-1268-1	8.787	7.597	77195303	66370014	41.649	36.540

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031622\
Data File : PQ056615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2022 19:24
Operator : YP\AJ
Sample : N1930-09MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

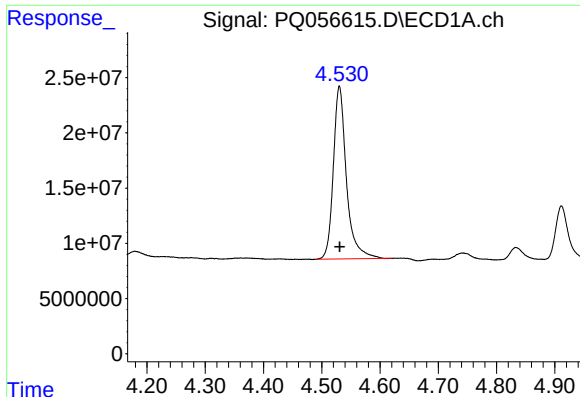
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 03:46:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031522CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 16 09:32:52 2022
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
42)	L9 AR-1268-2	8.864	7.660	160.6E6	257.7E6	80.252	155.731 #
43)	L9 AR-1268-3	9.109	7.865	28237113	17679869	16.101	12.894
44)	L9 AR-1268-4	9.554	8.152	117.3E6	73166194	167.504	131.633
45)	L9 AR-1268-5	9.969	8.441	94327580	51280649	15.509	11.804

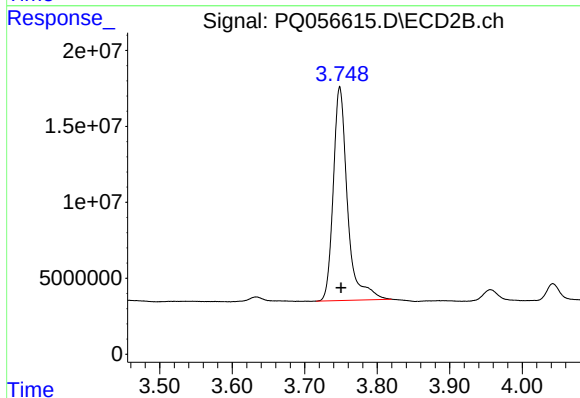
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

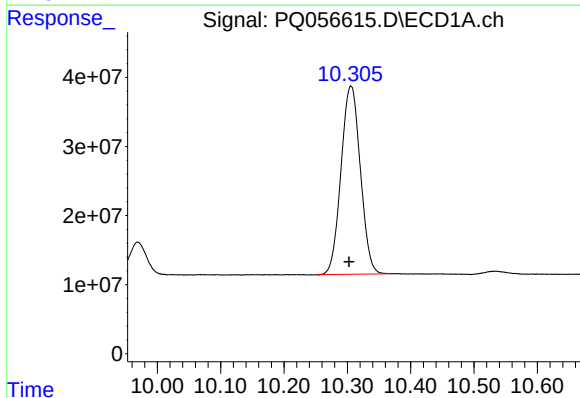
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 244108096
Conc: 16.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



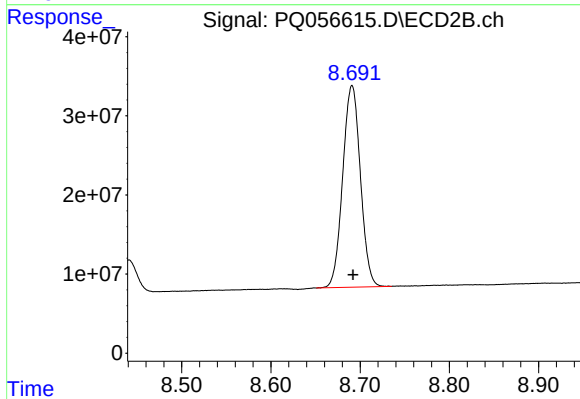
#1 Tetrachloro-m-xylene

R.T.: 3.748 min
Delta R.T.: -0.001 min
Response: 191712493
Conc: 15.79 ng/ml



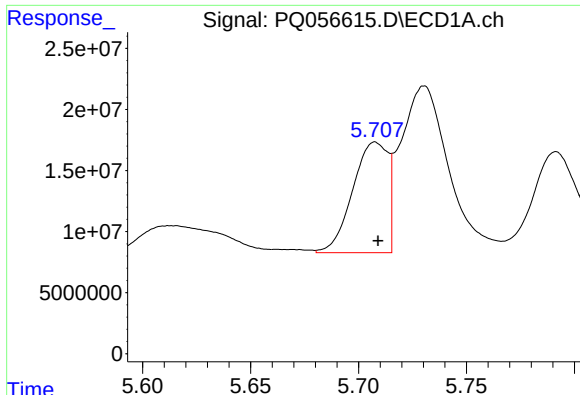
#2 Decachlorobiphenyl

R.T.: 10.306 min
Delta R.T.: 0.003 min
Response: 577502776
Conc: 40.59 ng/ml



#2 Decachlorobiphenyl

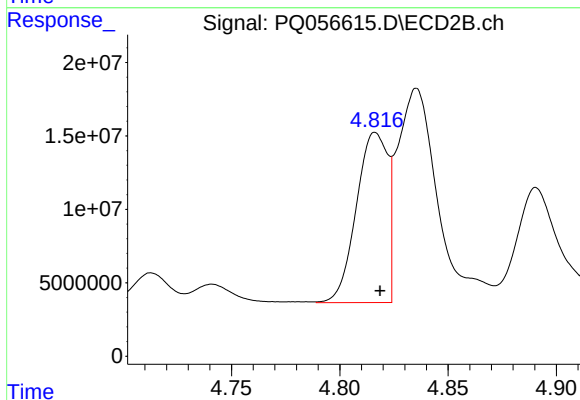
R.T.: 8.691 min
Delta R.T.: -0.001 min
Response: 350824481
Conc: 35.74 ng/ml



#3 AR-1016-1

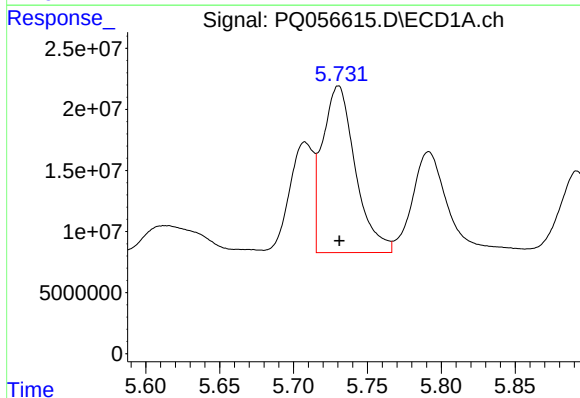
R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 102578542
Conc: 319.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



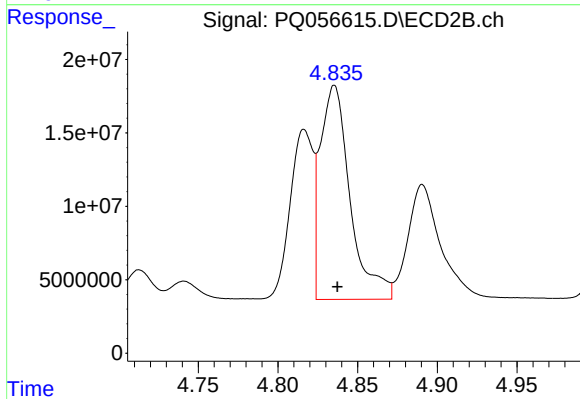
#3 AR-1016-1

R.T.: 4.816 min
Delta R.T.: -0.002 min
Response: 116255298
Conc: 306.00 ng/ml



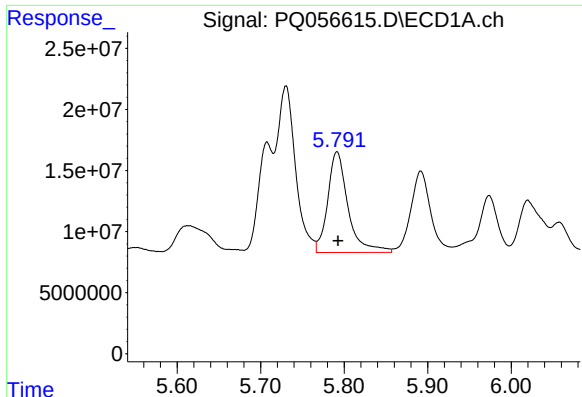
#4 AR-1016-2

R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 211130098
Conc: 317.87 ng/ml



#4 AR-1016-2

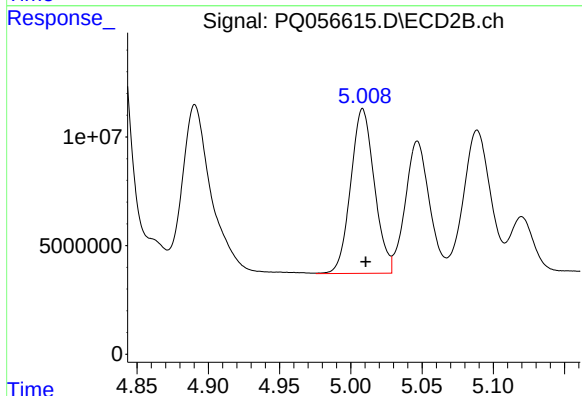
R.T.: 4.835 min
Delta R.T.: -0.002 min
Response: 190137585
Conc: 293.65 ng/ml



#5 AR-1016-3

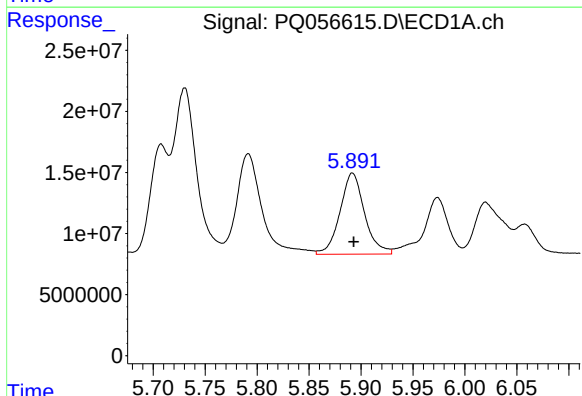
R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 139474966
Conc: 318.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



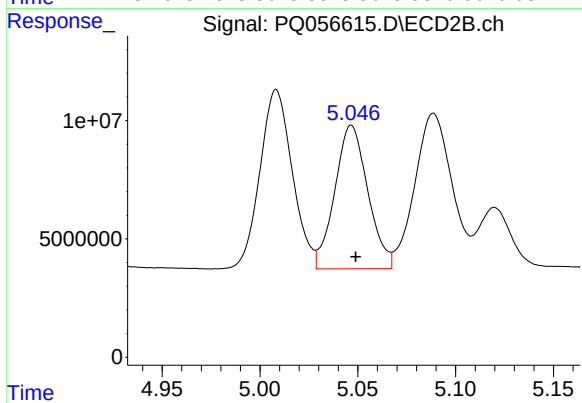
#5 AR-1016-3

R.T.: 5.008 min
Delta R.T.: -0.002 min
Response: 87645196
Conc: 296.04 ng/ml



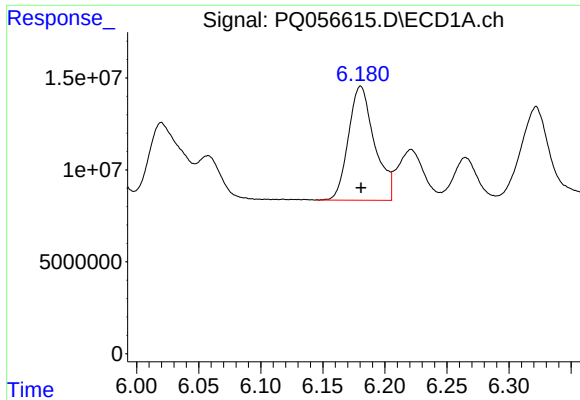
#6 AR-1016-4

R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 109479258
Conc: 311.76 ng/ml



#6 AR-1016-4

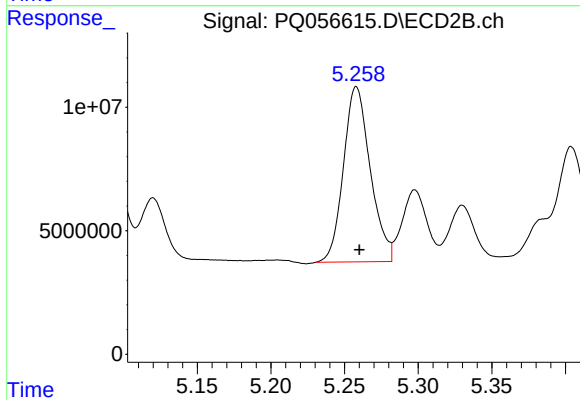
R.T.: 5.047 min
Delta R.T.: -0.002 min
Response: 71411858
Conc: 292.53 ng/ml



#7 AR-1016-5

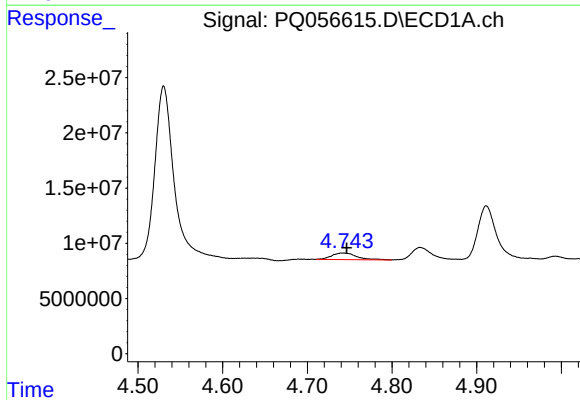
R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 90410092
Conc: 317.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



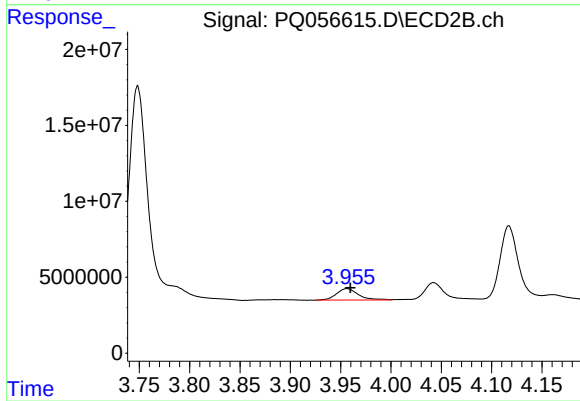
#7 AR-1016-5

R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 89927230
Conc: 289.39 ng/ml



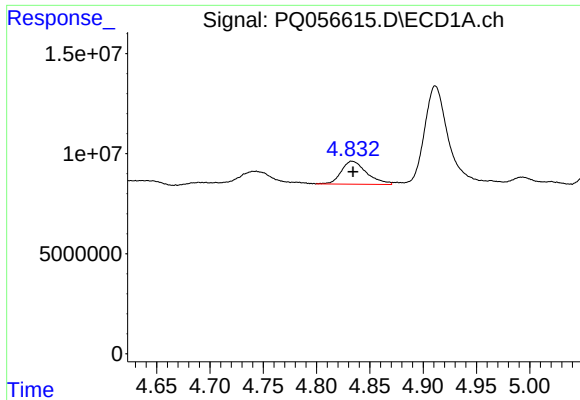
#8 AR-1221-1

R.T.: 4.744 min
Delta R.T.: -0.003 min
Response: 12090418
Conc: 85.03 ng/ml



#8 AR-1221-1

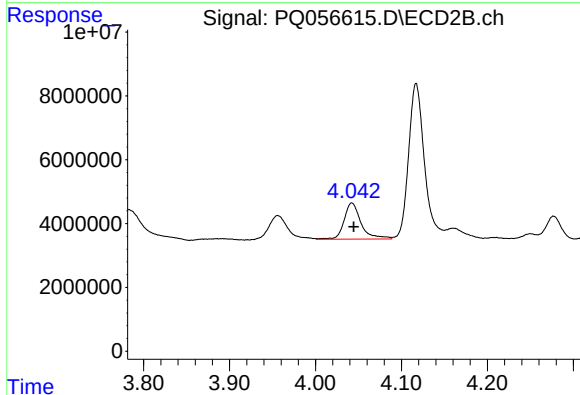
R.T.: 3.956 min
Delta R.T.: -0.004 min
Response: 11305182
Conc: 89.18 ng/ml



#9 AR-1221-2

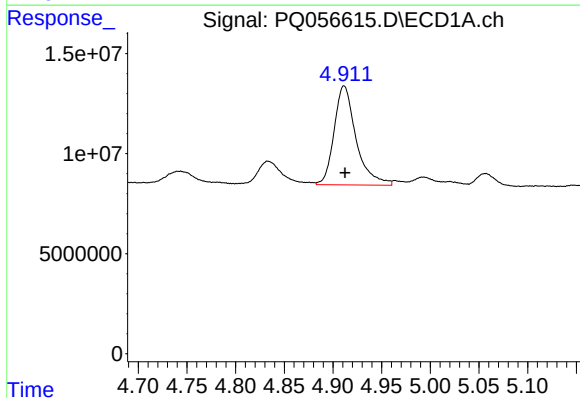
R.T.: 4.833 min
Delta R.T.: -0.001 min
Response: 19133508
Conc: 186.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



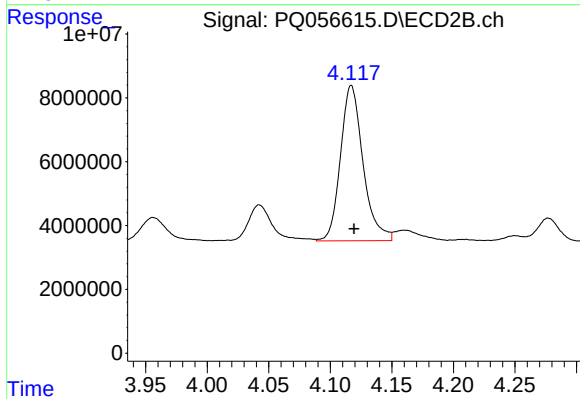
#9 AR-1221-2

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 15517457
Conc: 178.88 ng/ml



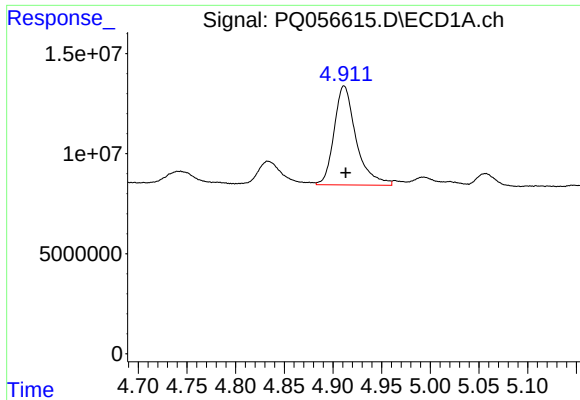
#10 AR-1221-3

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 77971628
Conc: 218.17 ng/ml



#10 AR-1221-3

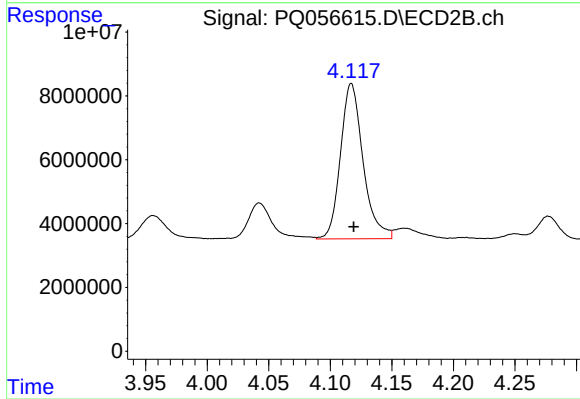
R.T.: 4.117 min
Delta R.T.: -0.002 min
Response: 62116522
Conc: 199.90 ng/ml



#11 AR-1232-1

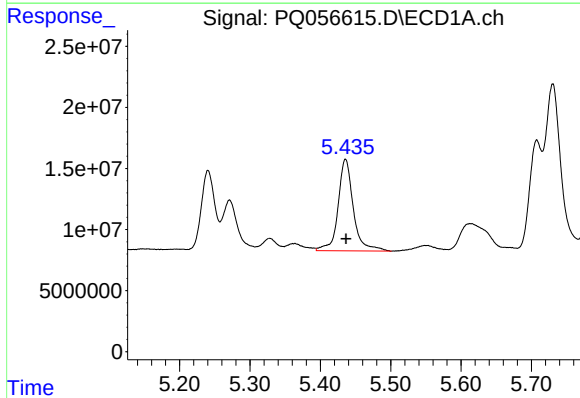
R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 77971628
Conc: 271.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



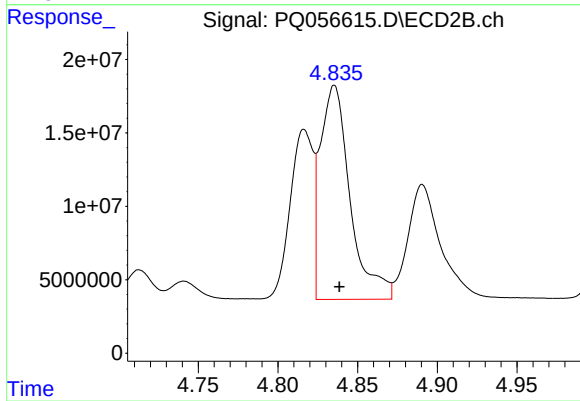
#11 AR-1232-1

R.T.: 4.117 min
Delta R.T.: -0.002 min
Response: 62116522
Conc: 246.29 ng/ml



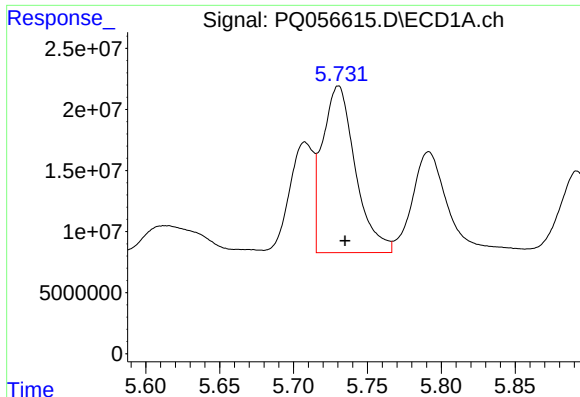
#12 AR-1232-2

R.T.: 5.436 min
Delta R.T.: -0.001 min
Response: 112693022
Conc: 712.78 ng/ml



#12 AR-1232-2

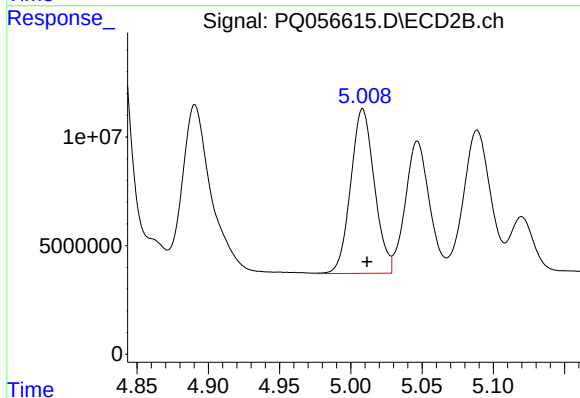
R.T.: 4.835 min
Delta R.T.: -0.003 min
Response: 190137585
Conc: 701.04 ng/ml



#13 AR-1232-3

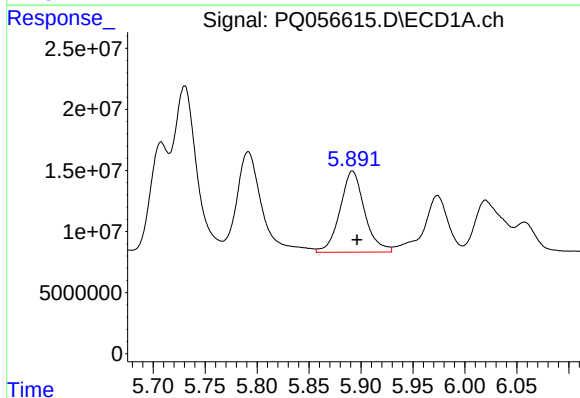
R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 211130098
Conc: 736.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



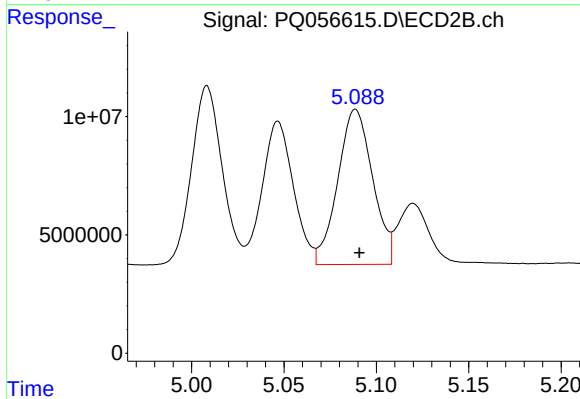
#13 AR-1232-3

R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 87645196
Conc: 732.92 ng/ml



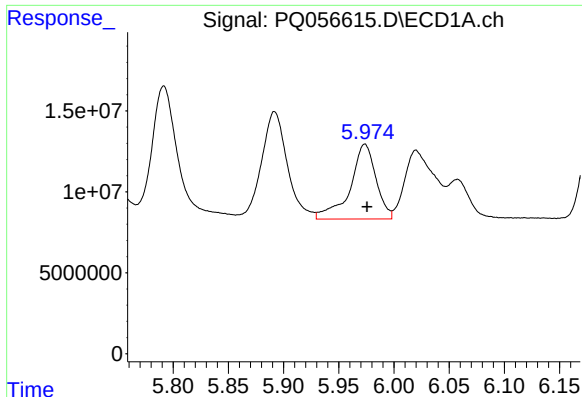
#14 AR-1232-4

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 109479258
Conc: 753.61 ng/ml



#14 AR-1232-4

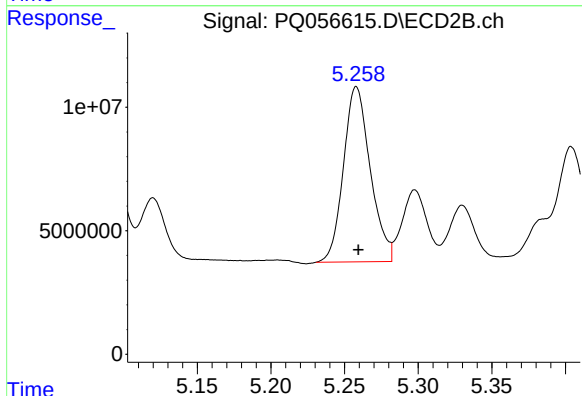
R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 86276630
Conc: 782.77 ng/ml



#15 AR-1232-5

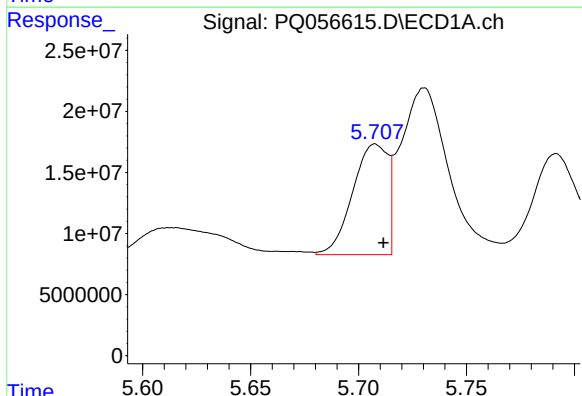
R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 75476993
Conc: 839.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



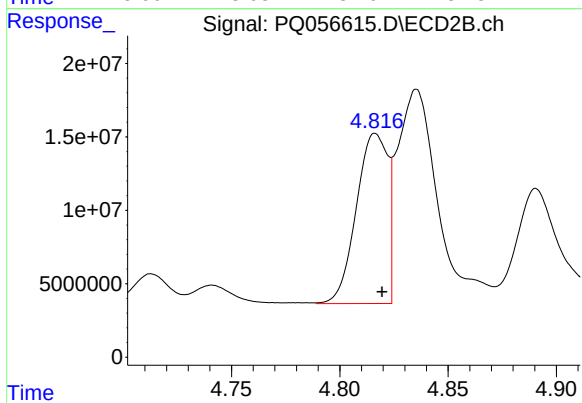
#15 AR-1232-5

R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 89927230
Conc: 722.60 ng/ml



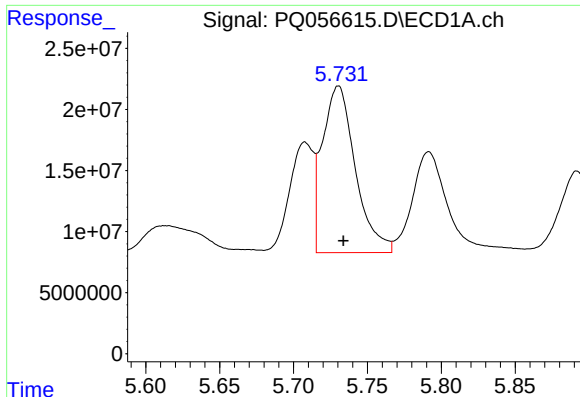
#16 AR-1242-1

R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 102578542
Conc: 415.72 ng/ml



#16 AR-1242-1

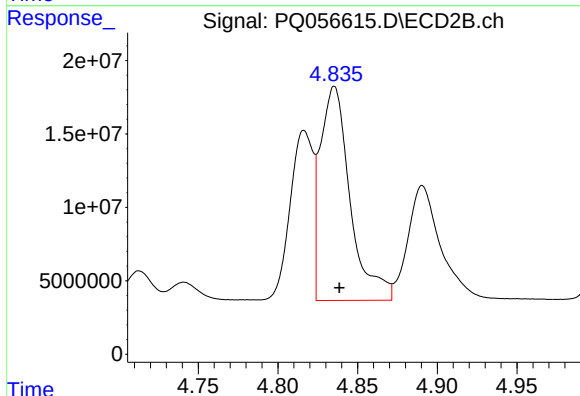
R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 116255298
Conc: 392.83 ng/ml



#17 AR-1242-2

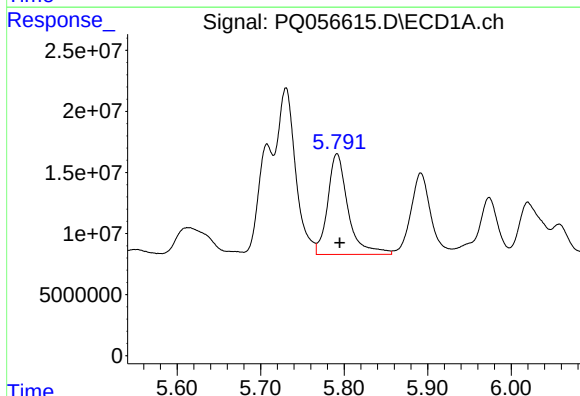
R.T.: 5.730 min
Delta R.T.: -0.003 min
Response: 211130098
Conc: 396.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



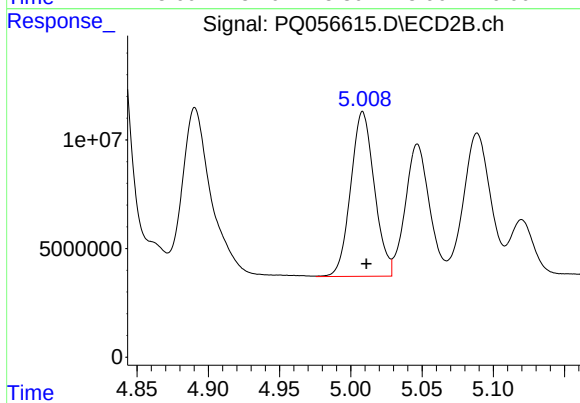
#17 AR-1242-2

R.T.: 4.835 min
Delta R.T.: -0.003 min
Response: 190137585
Conc: 372.38 ng/ml



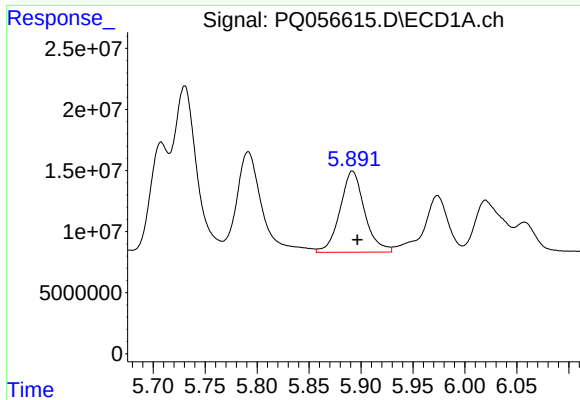
#18 AR-1242-3

R.T.: 5.791 min
Delta R.T.: -0.003 min
Response: 139474966
Conc: 392.01 ng/ml



#18 AR-1242-3

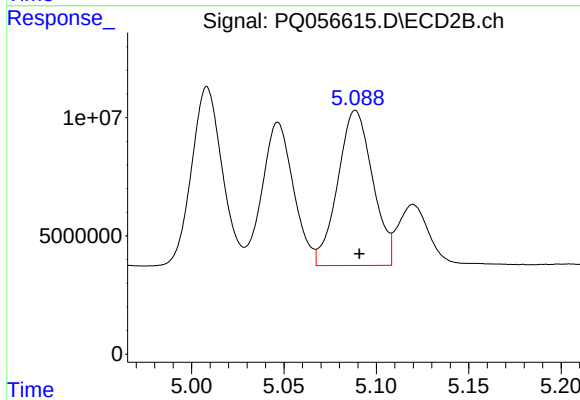
R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 87645196
Conc: 378.39 ng/ml



#19 AR-1242-4

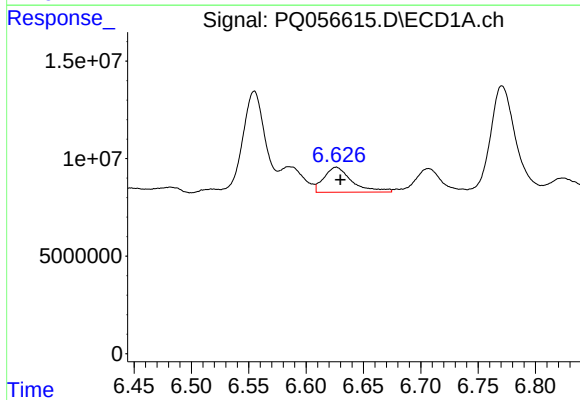
R.T.: 5.892 min
Delta R.T.: -0.005 min
Response: 109479258
Conc: 392.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



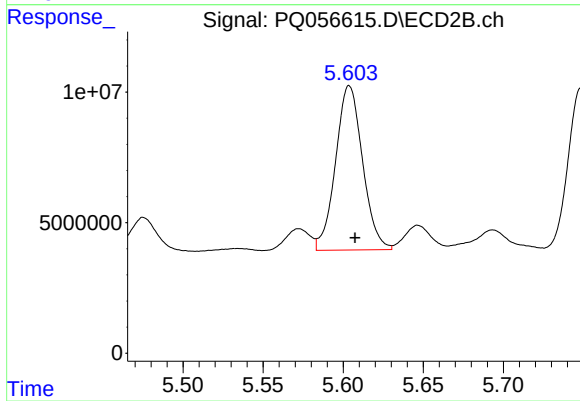
#19 AR-1242-4

R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 86276630
Conc: 372.05 ng/ml



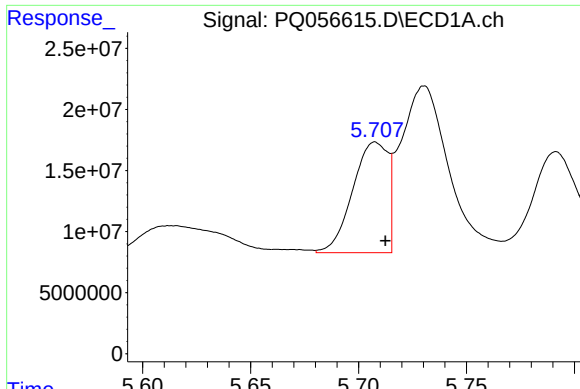
#20 AR-1242-5

R.T.: 6.626 min
Delta R.T.: -0.004 min
Response: 21873608
Conc: 75.27 ng/ml



#20 AR-1242-5

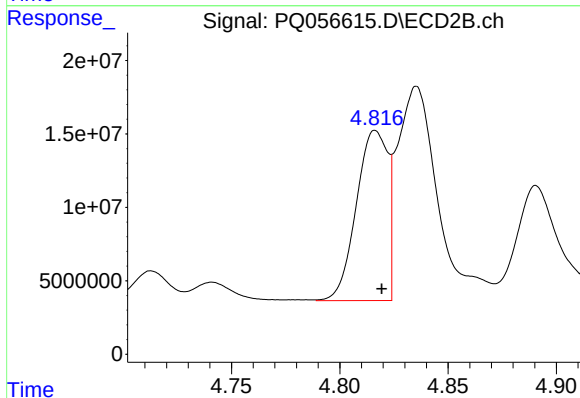
R.T.: 5.604 min
Delta R.T.: -0.004 min
Response: 73888443
Conc: 247.40 ng/ml



#21 AR-1248-1

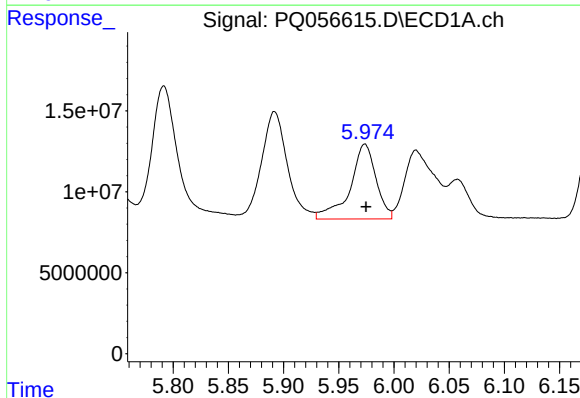
R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 102578542
Conc: 590.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



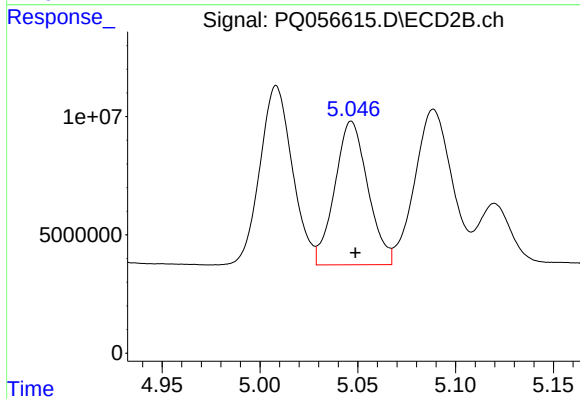
#21 AR-1248-1

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 116255298
Conc: 543.74 ng/ml



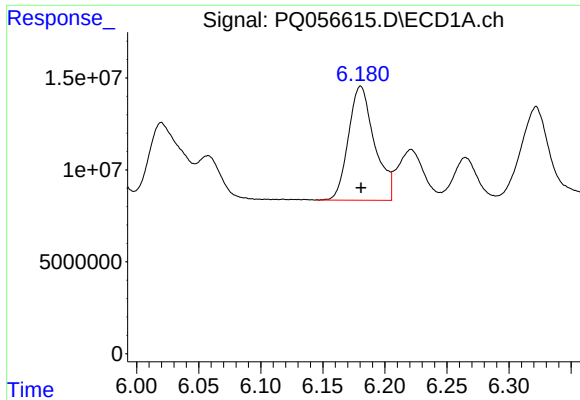
#22 AR-1248-2

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 75476993
Conc: 256.44 ng/ml



#22 AR-1248-2

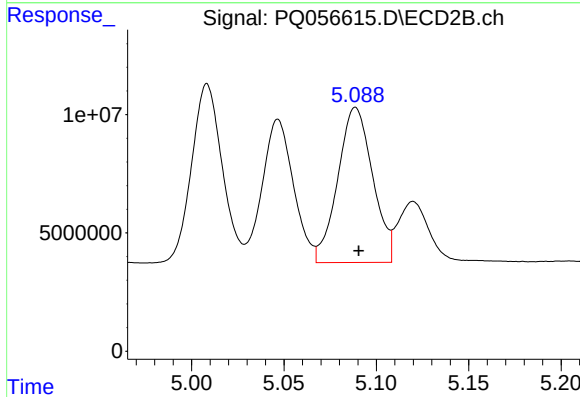
R.T.: 5.047 min
Delta R.T.: -0.002 min
Response: 71411858
Conc: 224.82 ng/ml



#23 AR-1248-3

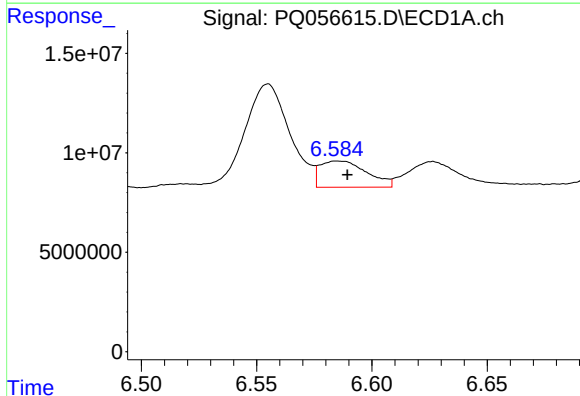
R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 90410092
Conc: 248.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



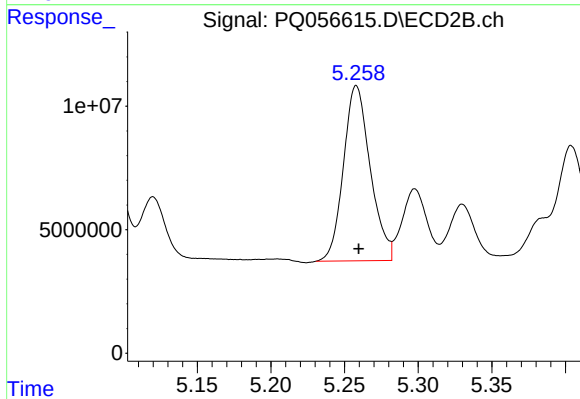
#23 AR-1248-3

R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 86276630
Conc: 257.92 ng/ml



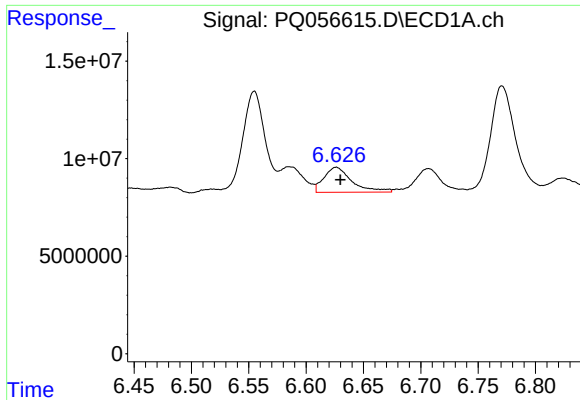
#24 AR-1248-4

R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 18732245
Conc: 45.64 ng/ml



#24 AR-1248-4

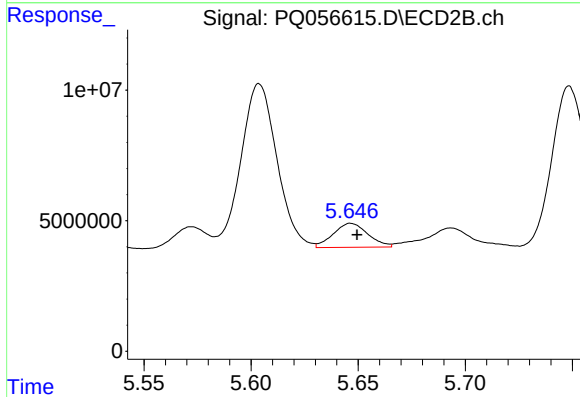
R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 89927230
Conc: 226.19 ng/ml



#25 AR-1248-5

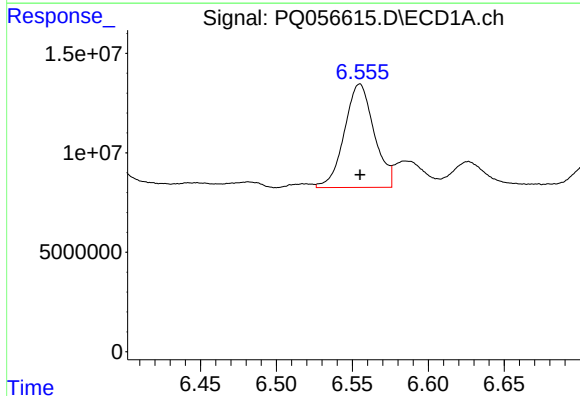
R.T.: 6.626 min
Delta R.T.: -0.003 min
Response: 21873608
Conc: 46.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



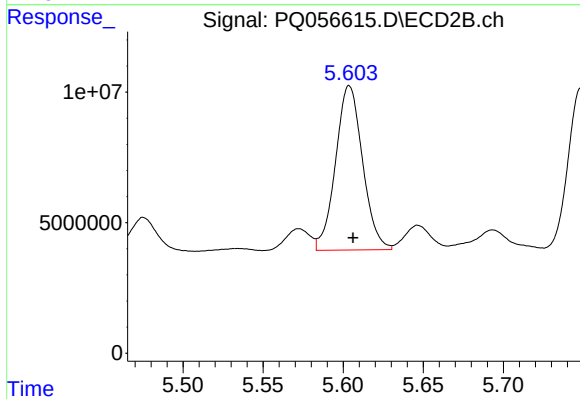
#25 AR-1248-5

R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 10413171
Conc: 25.50 ng/ml



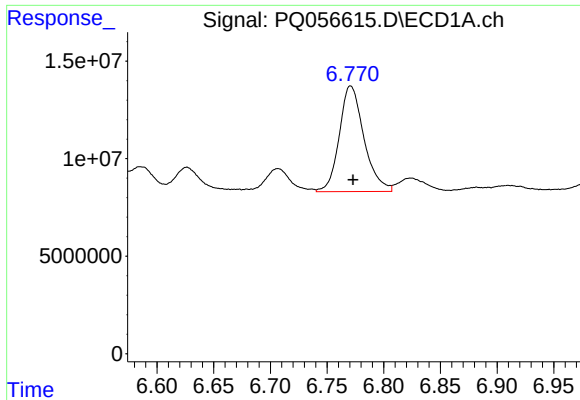
#26 AR-1254-1

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 70840457
Conc: 173.10 ng/ml



#26 AR-1254-1

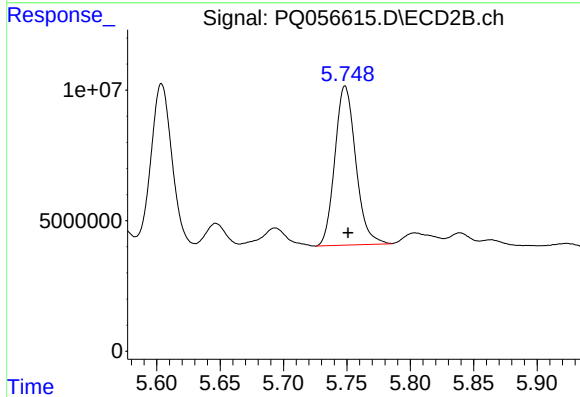
R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 73888443
Conc: 110.06 ng/ml



#27 AR-1254-2

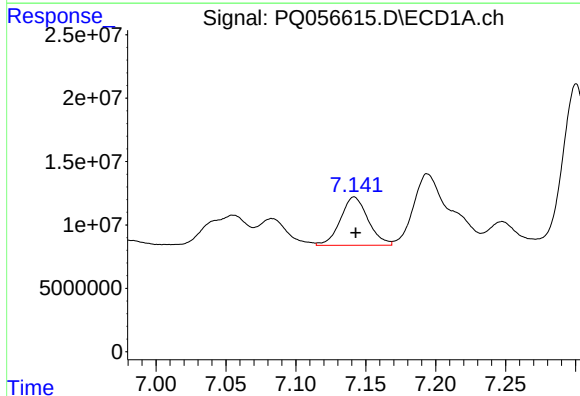
R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 82239175
Conc: 126.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



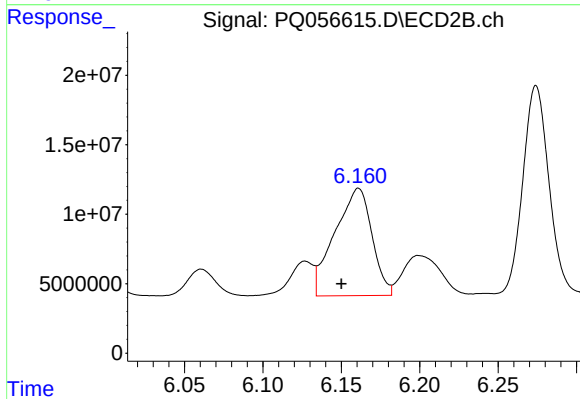
#27 AR-1254-2

R.T.: 5.749 min
Delta R.T.: -0.002 min
Response: 70022227
Conc: 122.47 ng/ml



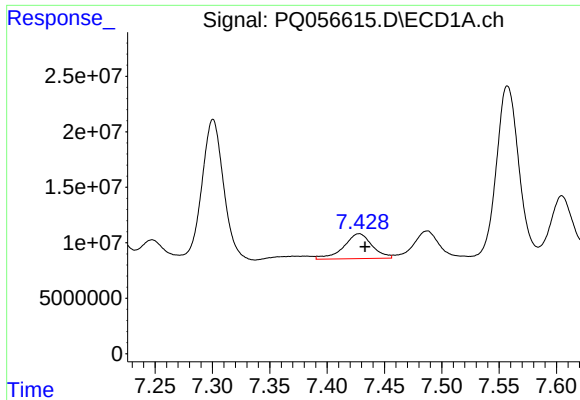
#28 AR-1254-3

R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 52463070
Conc: 65.87 ng/ml



#28 AR-1254-3

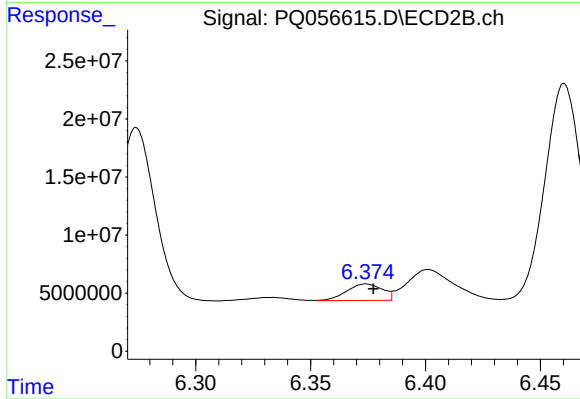
R.T.: 6.161 min
Delta R.T.: 0.011 min
Response: 127345606
Conc: 134.57 ng/ml



#29 AR-1254-4

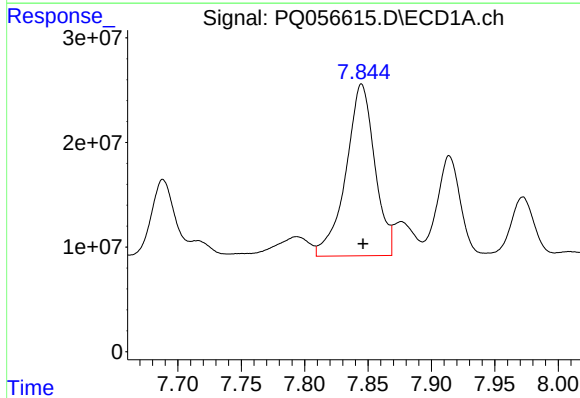
R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 38913624
Conc: 74.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



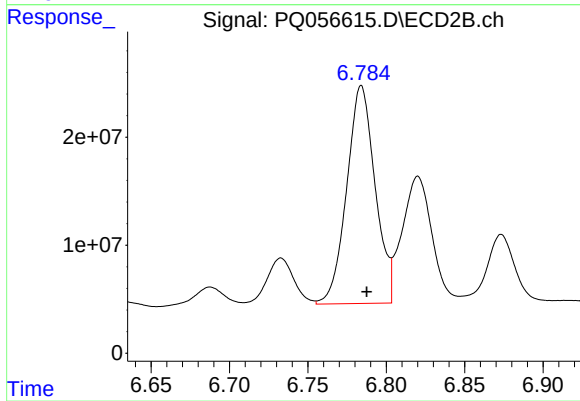
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 15390851
Conc: 22.91 ng/ml



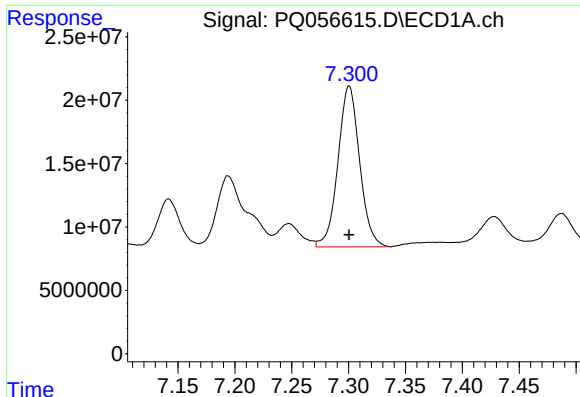
#30 AR-1254-5

R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 259637830
Conc: 427.23 ng/ml



#30 AR-1254-5

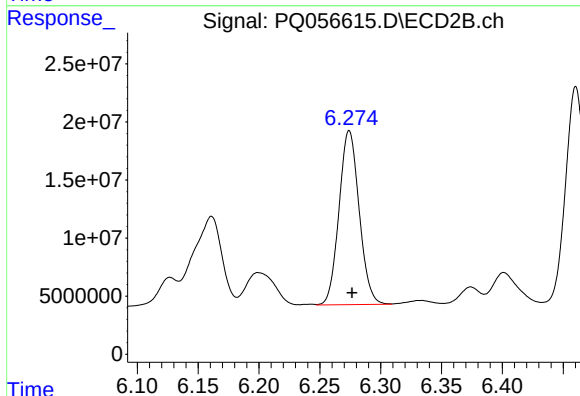
R.T.: 6.784 min
Delta R.T.: -0.003 min
Response: 253993215
Conc: 311.28 ng/ml



#31 AR-1260-1

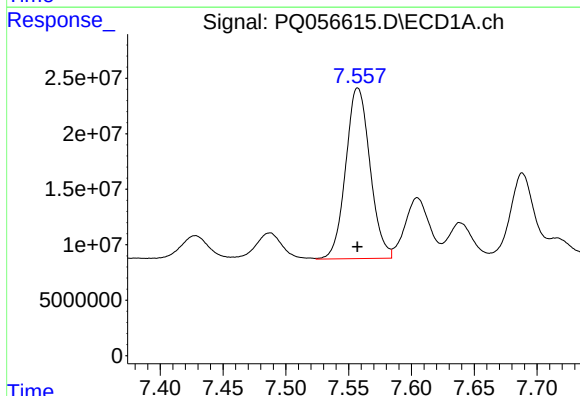
R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 168174786
Conc: 362.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



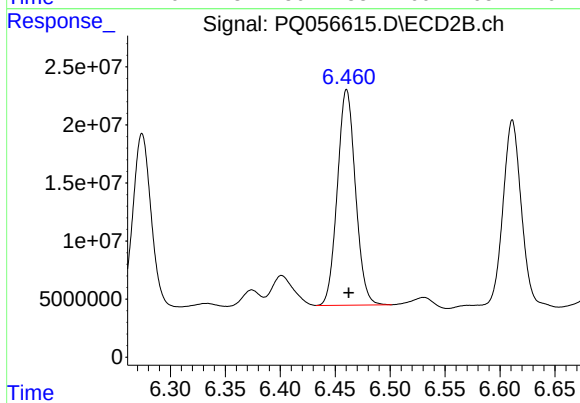
#31 AR-1260-1

R.T.: 6.274 min
Delta R.T.: -0.002 min
Response: 172715646
Conc: 306.30 ng/ml



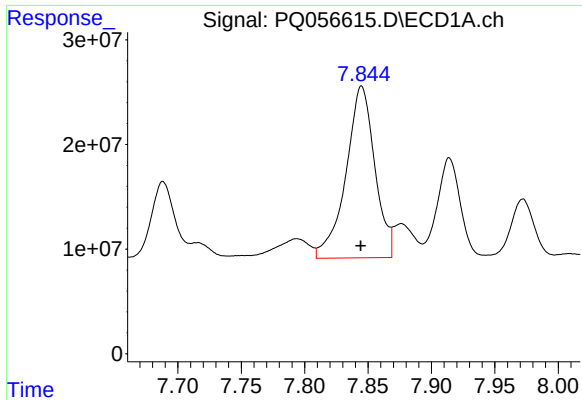
#32 AR-1260-2

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 206997936
Conc: 376.23 ng/ml



#32 AR-1260-2

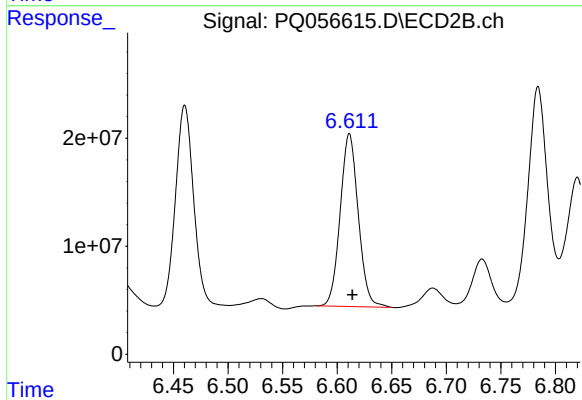
R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 213345789
Conc: 311.94 ng/ml



#33 AR-1260-3

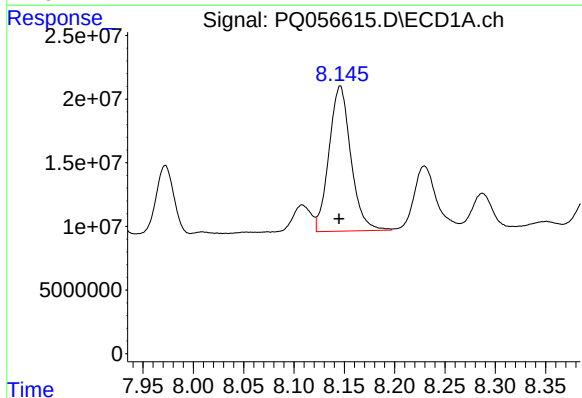
R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 259637830
Conc: 366.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



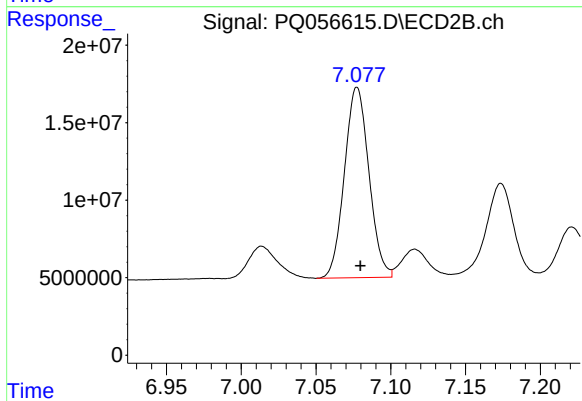
#33 AR-1260-3

R.T.: 6.611 min
Delta R.T.: -0.003 min
Response: 184651402
Conc: 288.64 ng/ml



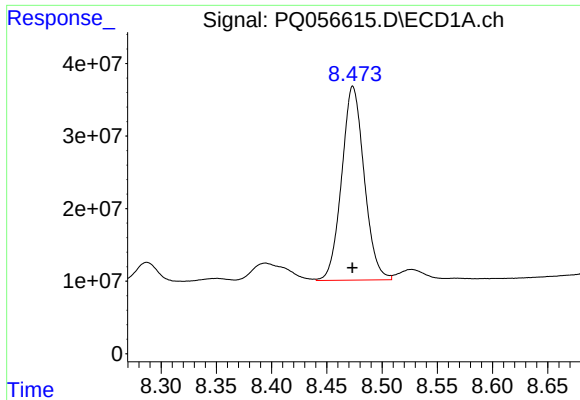
#34 AR-1260-4

R.T.: 8.146 min
Delta R.T.: 0.001 min
Response: 172202991
Conc: 319.56 ng/ml



#34 AR-1260-4

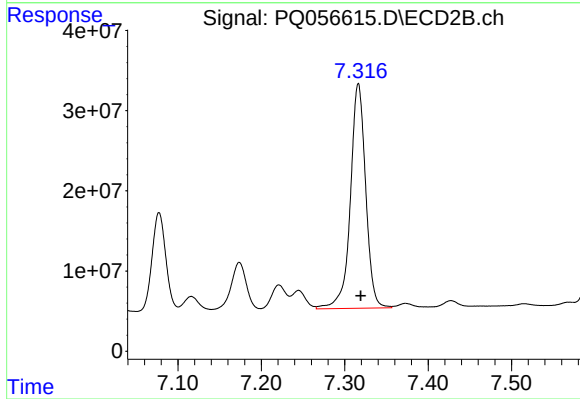
R.T.: 7.077 min
Delta R.T.: -0.002 min
Response: 140291313
Conc: 261.65 ng/ml



#35 AR-1260-5

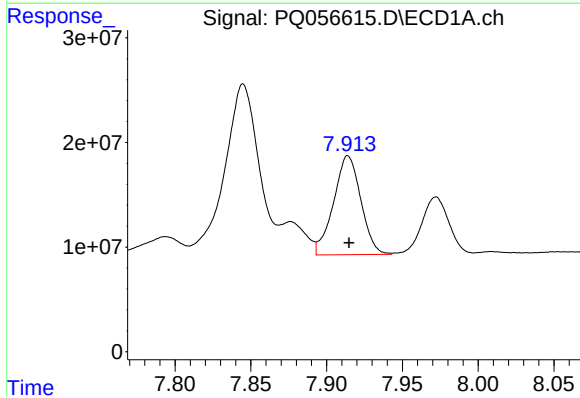
R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 378339877
Conc: 326.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



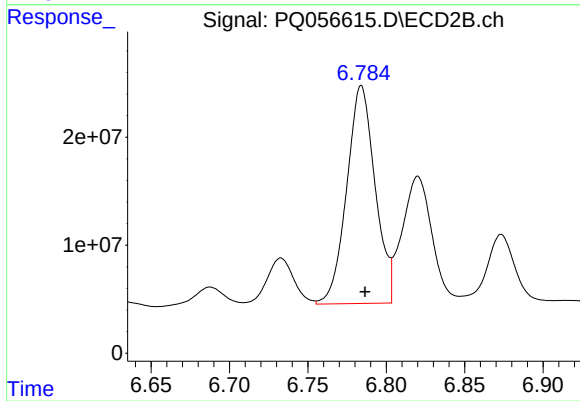
#35 AR-1260-5

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 357253035
Conc: 268.99 ng/ml



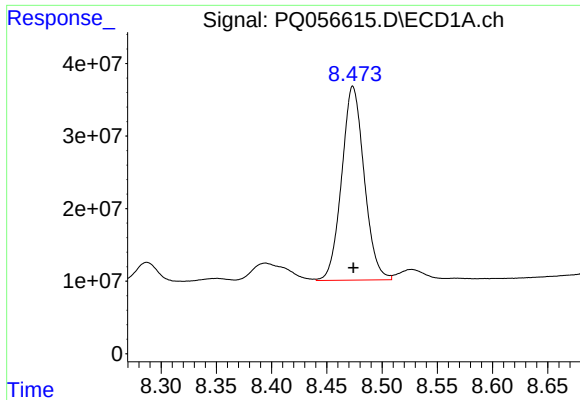
#36 AR-1262-1

R.T.: 7.914 min
Delta R.T.: 0.000 min
Response: 118607487
Conc: 167.51 ng/ml



#36 AR-1262-1

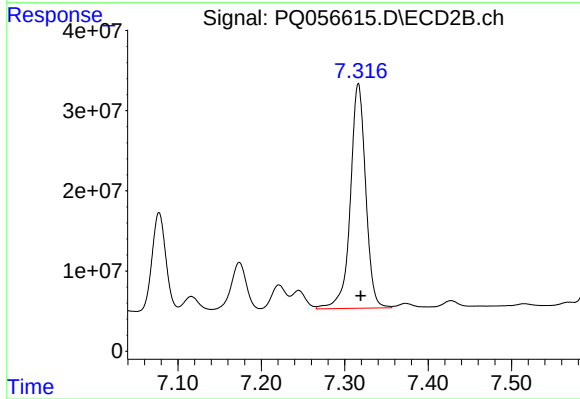
R.T.: 6.784 min
Delta R.T.: -0.002 min
Response: 253993215
Conc: 602.15 ng/ml



#37 AR-1262-2

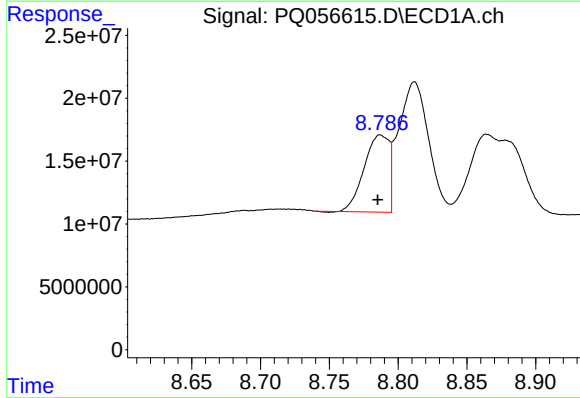
R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 378339877
Conc: 255.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



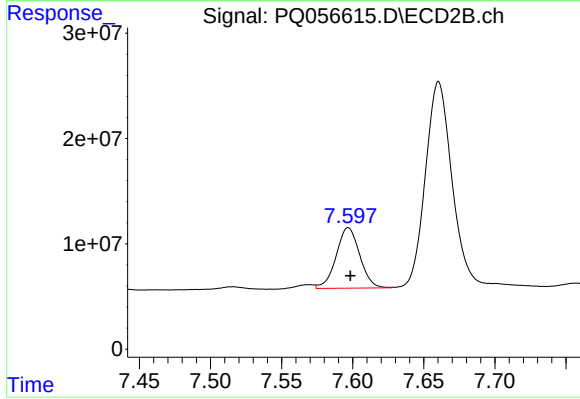
#37 AR-1262-2

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 357253035
Conc: 223.05 ng/ml



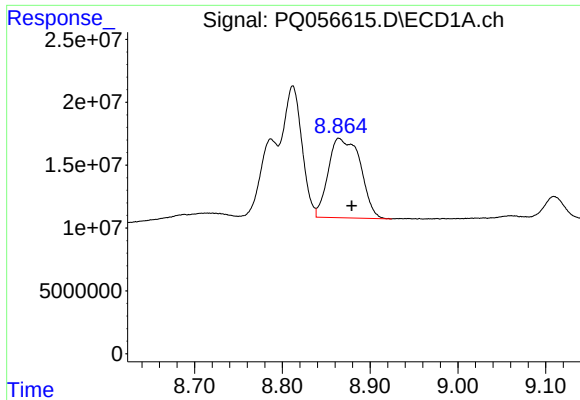
#38 AR-1262-3

R.T.: 8.787 min
Delta R.T.: 0.002 min
Response: 77195303
Conc: 111.87 ng/ml



#38 AR-1262-3

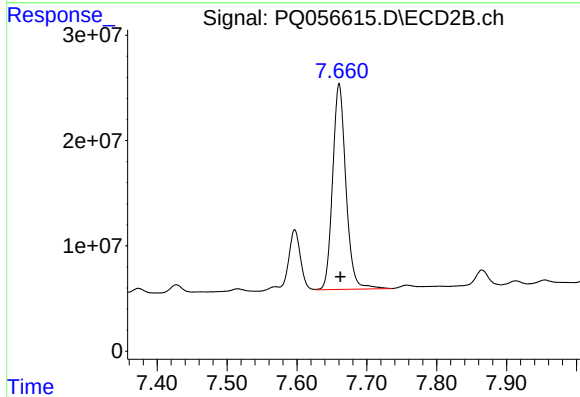
R.T.: 7.597 min
Delta R.T.: -0.001 min
Response: 66370014
Conc: 111.34 ng/ml



#39 AR-1262-4

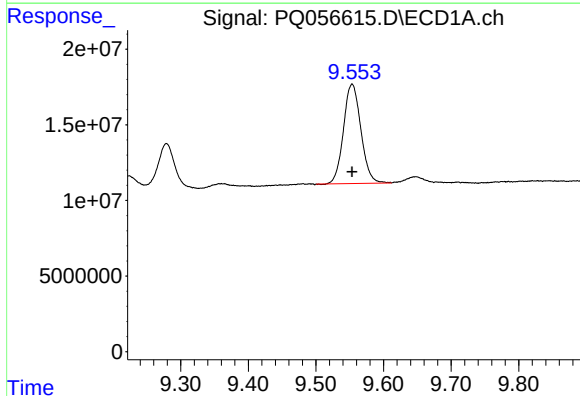
R.T.: 8.864 min
Delta R.T.: -0.015 min
Response: 160595372
Conc: 237.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



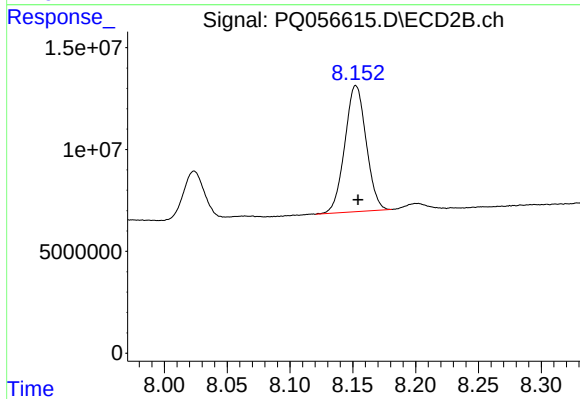
#39 AR-1262-4

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 257692465
Conc: 223.14 ng/ml



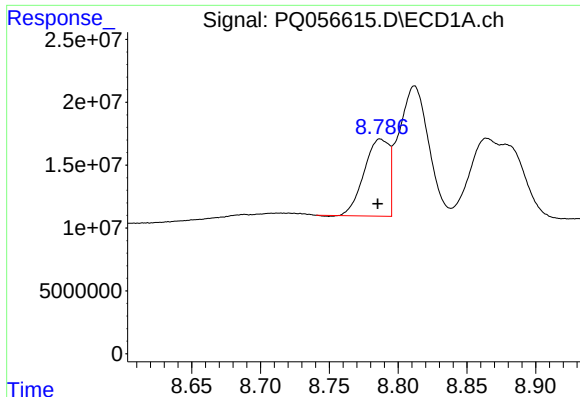
#40 AR-1262-5

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 117347265
Conc: 184.70 ng/ml



#40 AR-1262-5

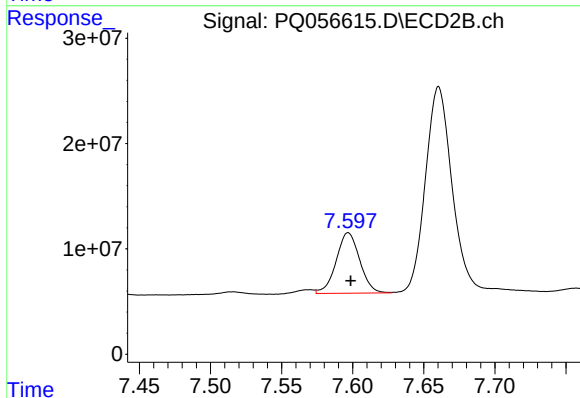
R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 73166194
Conc: 147.31 ng/ml



#41 AR-1268-1

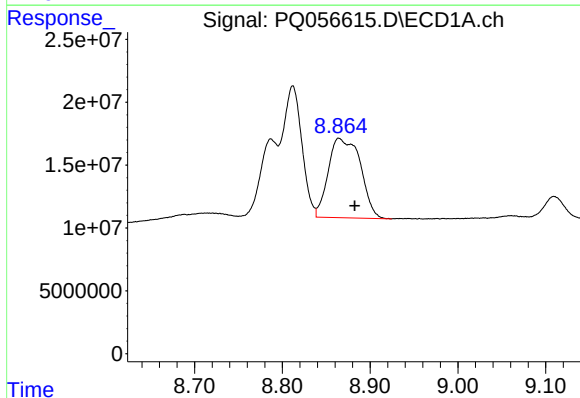
R.T.: 8.787 min
Delta R.T.: 0.002 min
Response: 77195303
Conc: 41.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



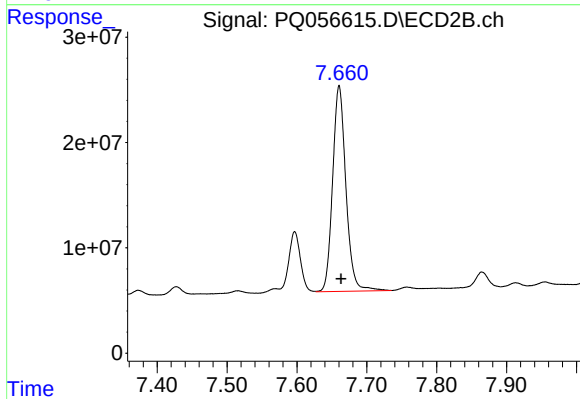
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 66370014
Conc: 36.54 ng/ml



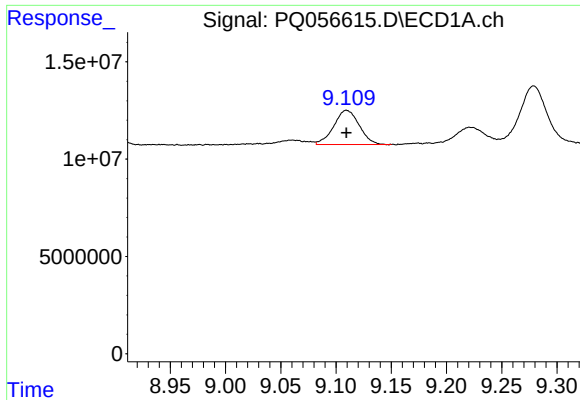
#42 AR-1268-2

R.T.: 8.864 min
Delta R.T.: -0.018 min
Response: 160595372
Conc: 80.25 ng/ml



#42 AR-1268-2

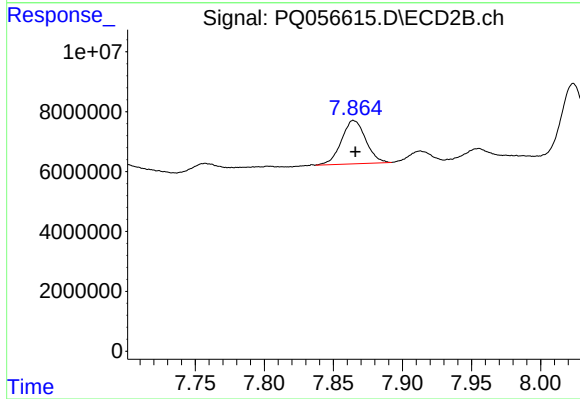
R.T.: 7.660 min
Delta R.T.: -0.003 min
Response: 257692465
Conc: 155.73 ng/ml



#43 AR-1268-3

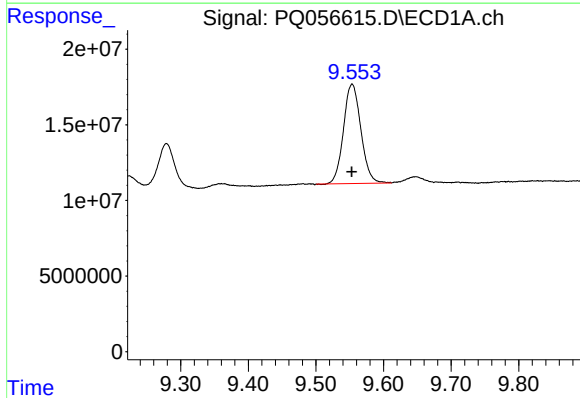
R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 28237113
Conc: 16.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



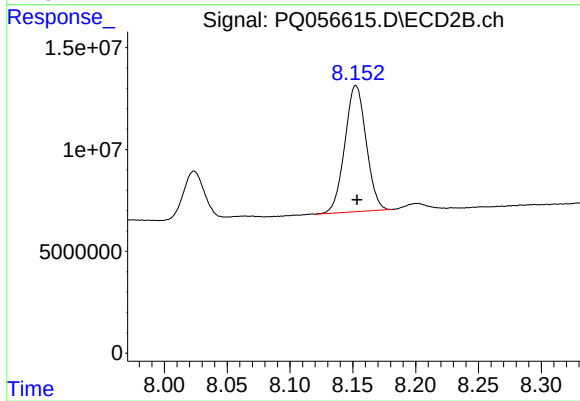
#43 AR-1268-3

R.T.: 7.865 min
Delta R.T.: -0.001 min
Response: 17679869
Conc: 12.89 ng/ml



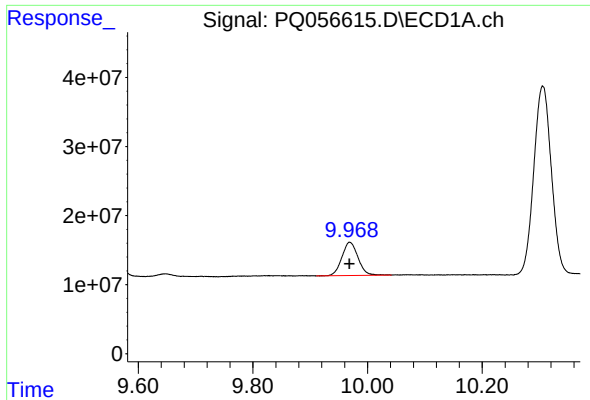
#44 AR-1268-4

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 117347265
Conc: 167.50 ng/ml



#44 AR-1268-4

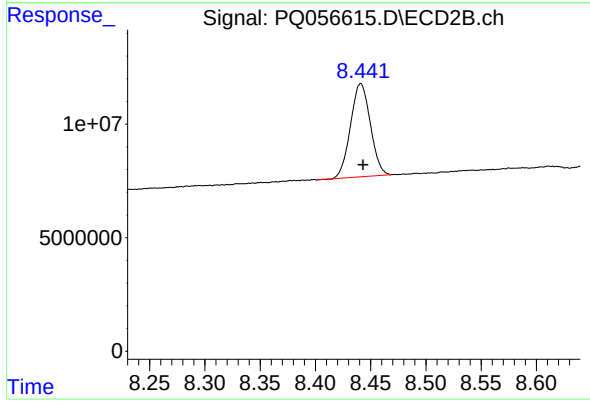
R.T.: 8.152 min
Delta R.T.: -0.001 min
Response: 73166194
Conc: 131.63 ng/ml



#45 AR-1268-5

R.T.: 9.969 min
Delta R.T.: 0.000 min
Response: 94327580
Conc: 15.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: -0.002 min
Response: 51280649
Conc: 11.80 ng/ml