

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041635.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 01:11
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 04:02:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.705	4.763	66219633	52677545	17.298	17.524
2)	SA Decachlor...	12.106	10.520	406.4E6	212.4E6	39.290	46.610
Target Compounds							
3)	L1 AR-1016-1	7.149	6.215	65954082	58501606	377.891	399.839
4)	L1 AR-1016-2	7.175	6.238	96265401	81500390	365.027	391.562
5)	L1 AR-1016-3	7.246	6.452	58196762	43458832	359.742	384.912
6)	L1 AR-1016-4	7.359	6.506	49128552	35722198	364.539	391.840
7)	L1 AR-1016-5	7.692	6.758	48841565	46880838	367.037	390.086
8)	L2 AR-1221-1	5.983	5.068	4120909	3452428	87.052	83.658
9)	L2 AR-1221-2	6.094	5.187	5473564	4874452	160.912	154.006
10)	L2 AR-1221-3	6.189	5.291	25574858	21431204	212.108	202.288
11)	L3 AR-1232-1	6.189	5.291	25574858	21431204	285.047	282.498
12)	L3 AR-1232-2	6.833	6.238	38676099	81500390	783.239	872.404
13)	L3 AR-1232-3	7.175	6.452	96265401	43458832	850.543	902.889
14)	L3 AR-1232-4	7.359	6.556	49128552	43356790	831.167	1005.616
15)	L3 AR-1232-5	7.464	6.758	37587817	46880838	1018.505	969.181
16)	L4 AR-1242-1	7.149	6.215	65954082	58501606	526.542	554.316
17)	L4 AR-1242-2	7.175	6.238	96265401	81500390	505.506	525.583
18)	L4 AR-1242-3	7.246	6.452	58196762	43458832	492.218	520.761
19)	L4 AR-1242-4	7.359	6.556	49128552	43356790	501.220	532.312
20)	L4 AR-1242-5	8.181	7.167	8955201	38619625	67.547	309.379 #
21)	L5 AR-1248-1	7.149	6.215	65954082	58501606	711.031	728.374
22)	L5 AR-1248-2	7.464	6.506	37587817	35722198	305.448	318.906
23)	L5 AR-1248-3	7.692	6.556	48841565	43356790	311.022	375.619
24)	L5 AR-1248-4	8.138	6.758	11097972	46880838	51.377	323.861 #
25)	L5 AR-1248-5	8.181	7.213	8955201	7232016	42.051	42.976
26)	L6 AR-1254-1	8.108	7.167	36814954	38619625	181.621	151.863
27)	L6 AR-1254-2	8.346	7.335	43258209	36110978	125.243	157.836 #
28)	L6 AR-1254-3	8.740	7.798	27725012	76276158	66.906	187.924 #
29)	L6 AR-1254-4	9.042	8.031	21710140	13096495	59.985	47.939
30)	L6 AR-1254-5	9.479	8.476	186.1E6	154.9E6	463.445	387.833
31)	L7 AR-1260-1	8.912	7.924	105.7E6	103.9E6	349.850	390.560
32)	L7 AR-1260-2	9.183	8.126	153.6E6	140.9E6	335.206	388.382
33)	L7 AR-1260-3	9.558	8.292	139.1E6	122.8E6	327.689	390.969
34)	L7 AR-1260-4	9.800	8.789	147.0E6	111.4E6	349.212	391.374
35)	L7 AR-1260-5	10.148	9.040	378.4E6	316.8E6	354.095	426.049
36)	L8 AR-1262-1	9.618	8.572	70999505	64646597	289.186	336.107
37)	L8 AR-1262-2	10.148	9.040	378.4E6	316.8E6	311.570	377.078
38)	L8 AR-1262-3	10.502	9.333	241.2E6	74533162	289.425	211.910 #
39)	L8 AR-1262-4	10.563	9.400	160.4E6	222.3E6	246.155	378.322 #
40)	L8 AR-1262-5	11.294	9.923	130.3E6	88797899	285.075	370.063 #
41)	L9 AR-1268-1	10.502	9.333	241.2E6	74533162	133.659	65.232 #

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 Acq On : 27 Jul 2019 01:11
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

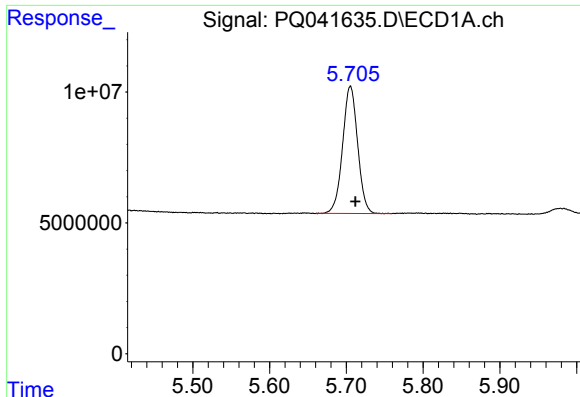
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 04:02:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	10.563	9.400	160.4E6	222.3E6	100.500	228.808 #
43) L9	AR-1268-3	10.830	9.615	5805961	9184746	4.130	11.506 #
44) L9	AR-1268-4	11.294	9.923	130.3E6	88797899	229.569	289.364 #
45) L9	AR-1268-5	11.741	10.241	36283908	25707022	8.376	13.011 #

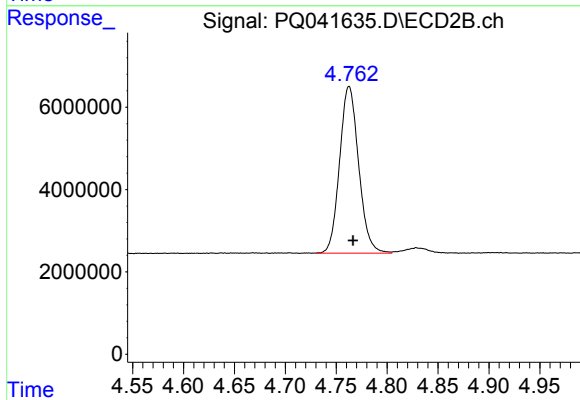
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

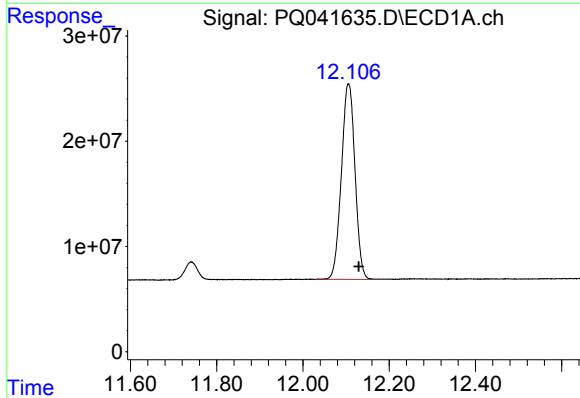
R.T.: 5.705 min
Delta R.T.: -0.007 min
Response: 66219633
Conc: 17.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



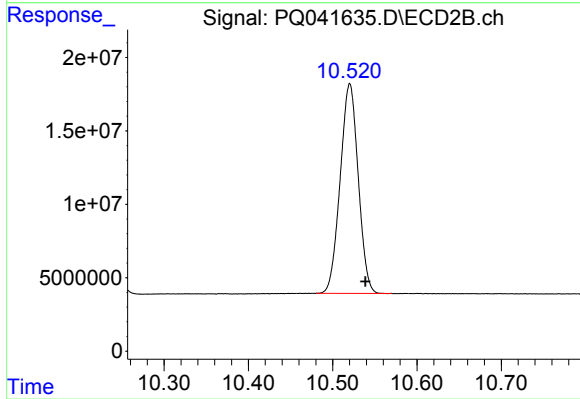
#1 Tetrachloro-m-xylene

R.T.: 4.763 min
Delta R.T.: -0.004 min
Response: 52677545
Conc: 17.52 ng/ml



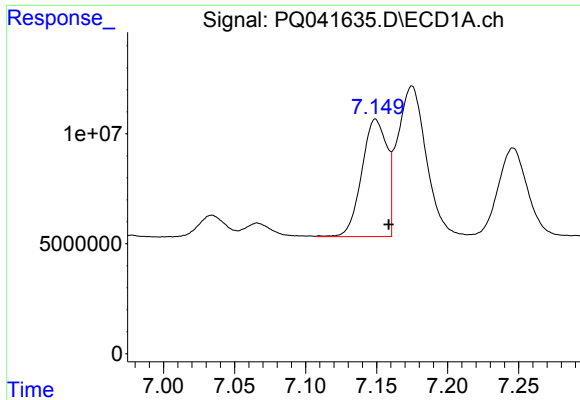
#2 Decachlorobiphenyl

R.T.: 12.106 min
Delta R.T.: -0.024 min
Response: 406411973
Conc: 39.29 ng/ml



#2 Decachlorobiphenyl

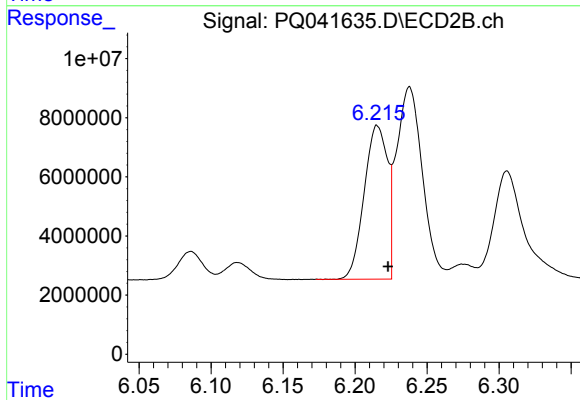
R.T.: 10.520 min
Delta R.T.: -0.019 min
Response: 212390461
Conc: 46.61 ng/ml



#3 AR-1016-1

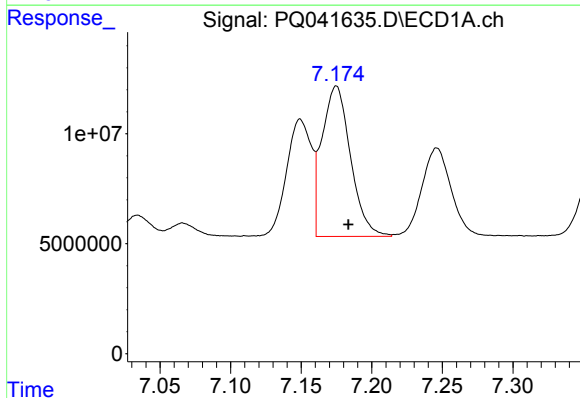
R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 65954082
Conc: 377.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



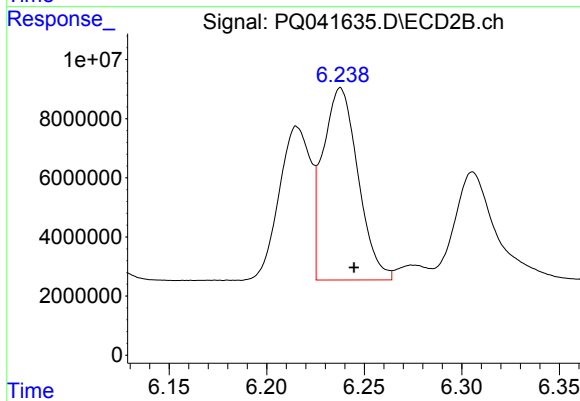
#3 AR-1016-1

R.T.: 6.215 min
Delta R.T.: -0.007 min
Response: 58501606
Conc: 399.84 ng/ml



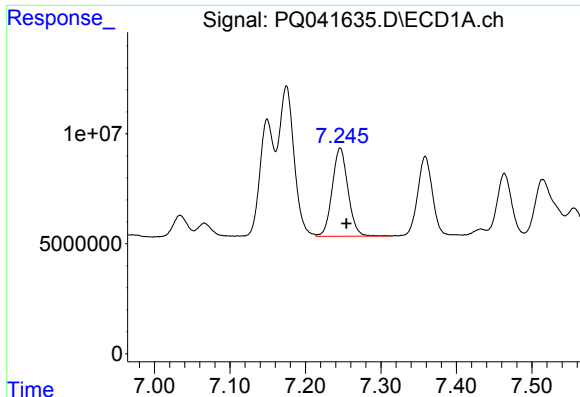
#4 AR-1016-2

R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 96265401
Conc: 365.03 ng/ml



#4 AR-1016-2

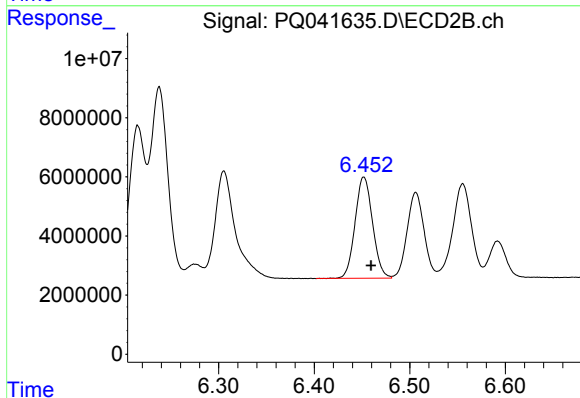
R.T.: 6.238 min
Delta R.T.: -0.007 min
Response: 81500390
Conc: 391.56 ng/ml



#5 AR-1016-3

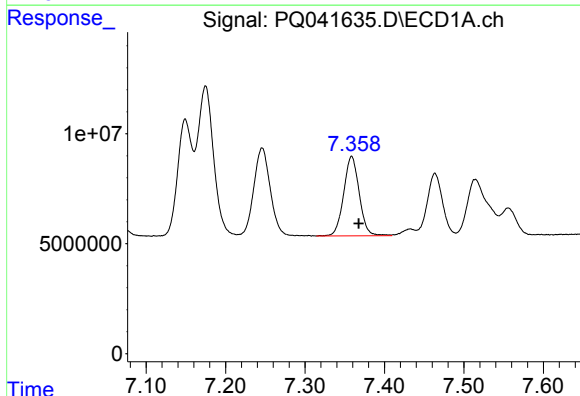
R.T.: 7.246 min
Delta R.T.: -0.008 min
Response: 58196762
Conc: 359.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



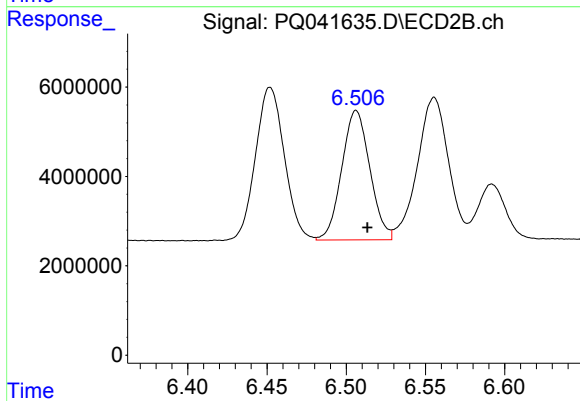
#5 AR-1016-3

R.T.: 6.452 min
Delta R.T.: -0.007 min
Response: 43458832
Conc: 384.91 ng/ml



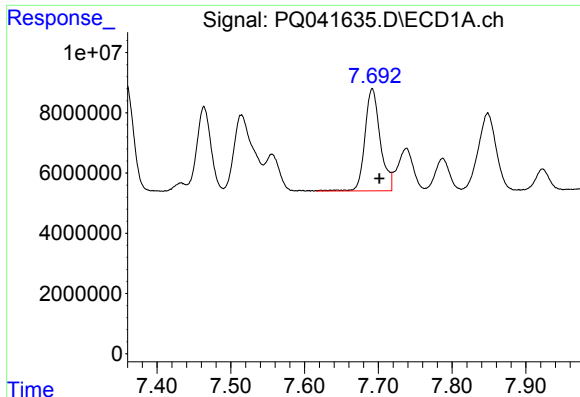
#6 AR-1016-4

R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 49128552
Conc: 364.54 ng/ml



#6 AR-1016-4

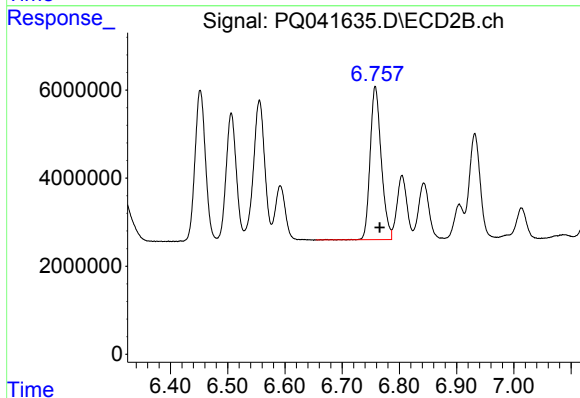
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 35722198
Conc: 391.84 ng/ml



#7 AR-1016-5

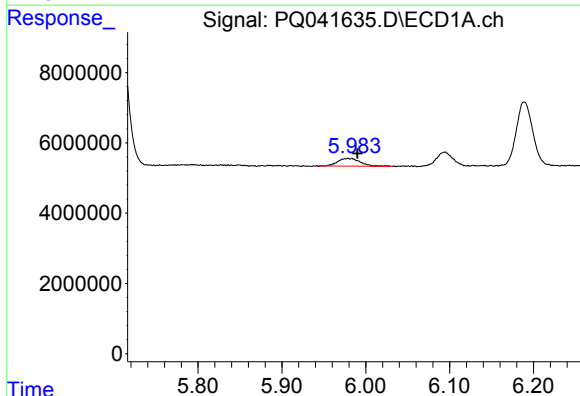
R.T.: 7.692 min
Delta R.T.: -0.010 min
Response: 48841565
Conc: 367.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



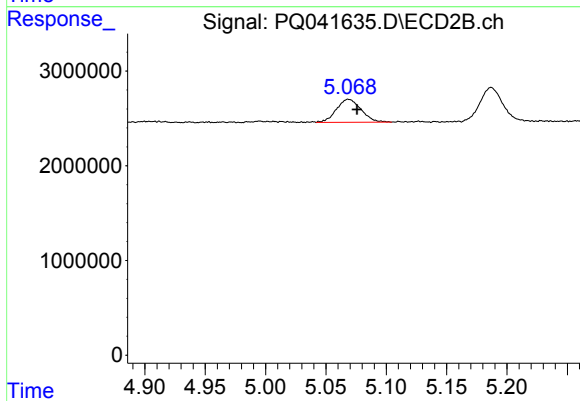
#7 AR-1016-5

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 46880838
Conc: 390.09 ng/ml



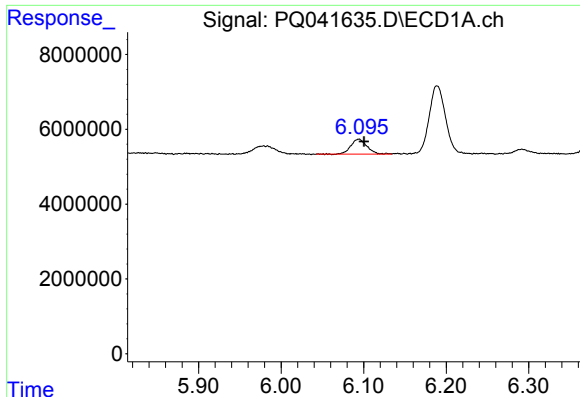
#8 AR-1221-1

R.T.: 5.983 min
Delta R.T.: -0.007 min
Response: 4120909
Conc: 87.05 ng/ml



#8 AR-1221-1

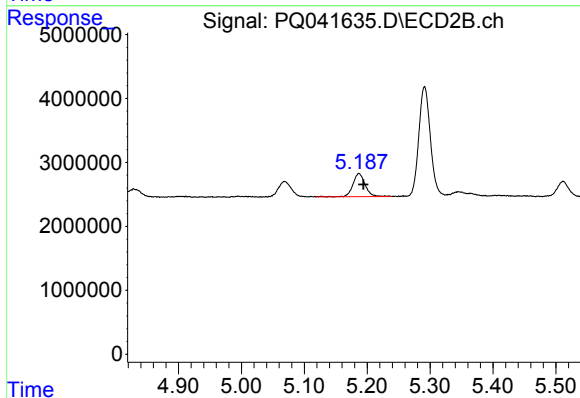
R.T.: 5.068 min
Delta R.T.: -0.007 min
Response: 3452428
Conc: 83.66 ng/ml



#9 AR-1221-2

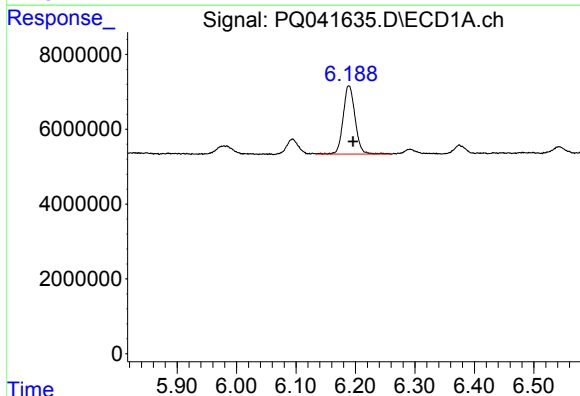
R.T.: 6.094 min
Delta R.T.: -0.006 min
Response: 5473564
Conc: 160.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



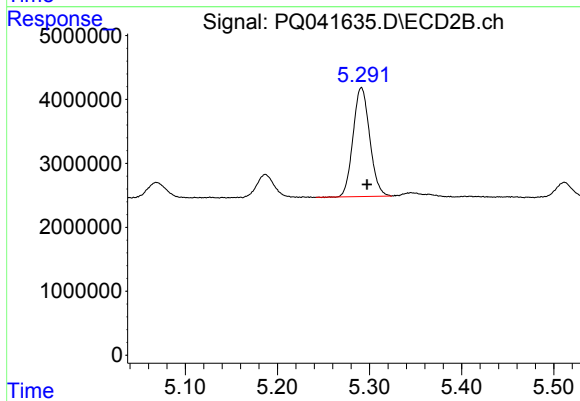
#9 AR-1221-2

R.T.: 5.187 min
Delta R.T.: -0.007 min
Response: 4874452
Conc: 154.01 ng/ml



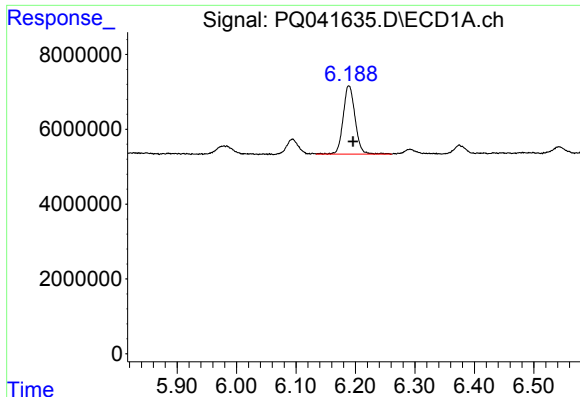
#10 AR-1221-3

R.T.: 6.189 min
Delta R.T.: -0.007 min
Response: 25574858
Conc: 212.11 ng/ml



#10 AR-1221-3

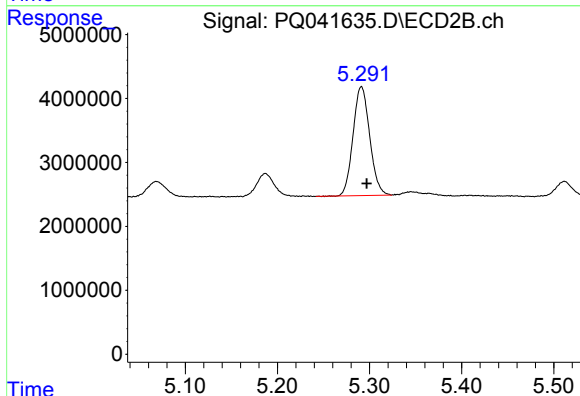
R.T.: 5.291 min
Delta R.T.: -0.006 min
Response: 21431204
Conc: 202.29 ng/ml



#11 AR-1232-1

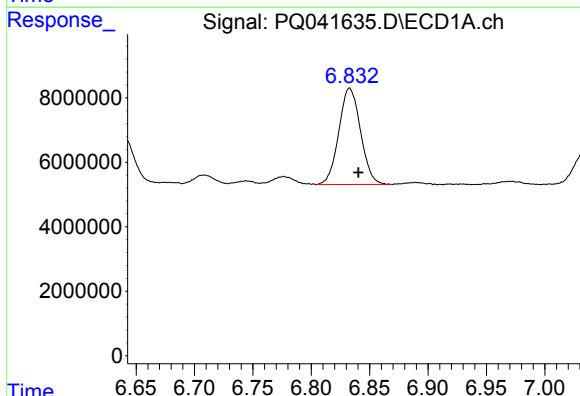
R.T.: 6.189 min
Delta R.T.: -0.007 min
Response: 25574858
Conc: 285.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



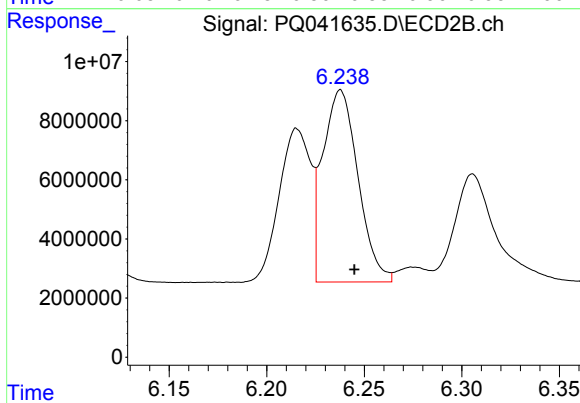
#11 AR-1232-1

R.T.: 5.291 min
Delta R.T.: -0.006 min
Response: 21431204
Conc: 282.50 ng/ml



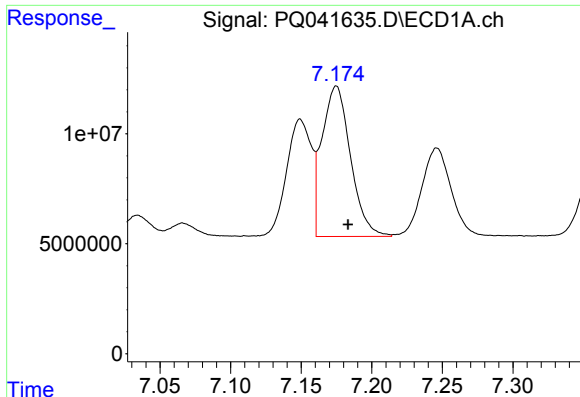
#12 AR-1232-2

R.T.: 6.833 min
Delta R.T.: -0.008 min
Response: 38676099
Conc: 783.24 ng/ml



#12 AR-1232-2

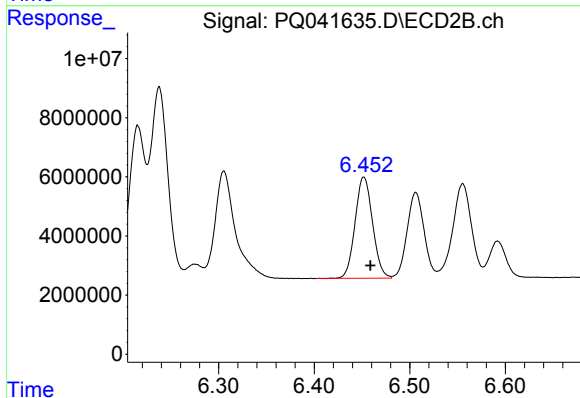
R.T.: 6.238 min
Delta R.T.: -0.007 min
Response: 81500390
Conc: 872.40 ng/ml



#13 AR-1232-3

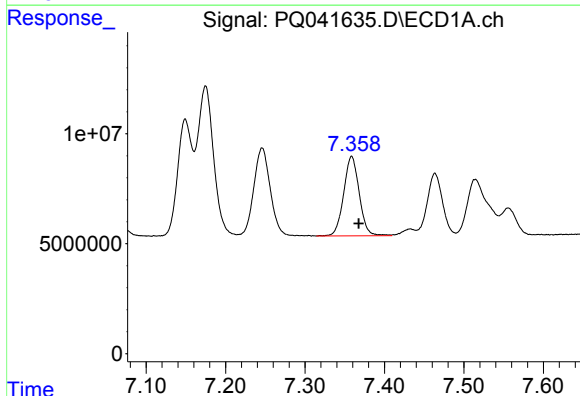
R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 96265401
Conc: 850.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



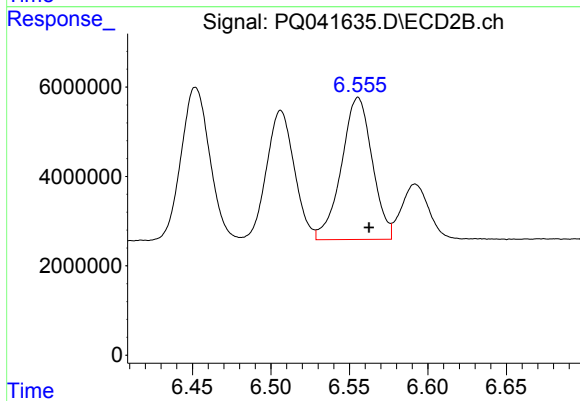
#13 AR-1232-3

R.T.: 6.452 min
Delta R.T.: -0.007 min
Response: 43458832
Conc: 902.89 ng/ml



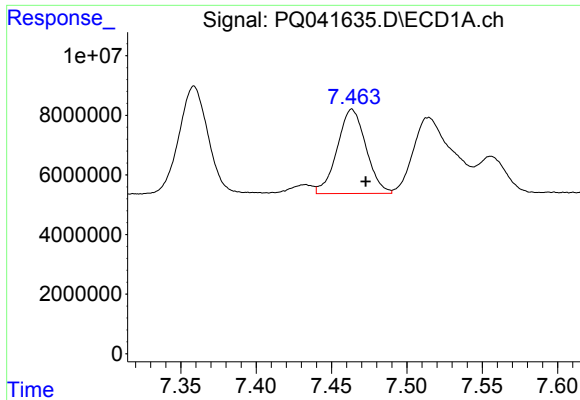
#14 AR-1232-4

R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 49128552
Conc: 831.17 ng/ml



#14 AR-1232-4

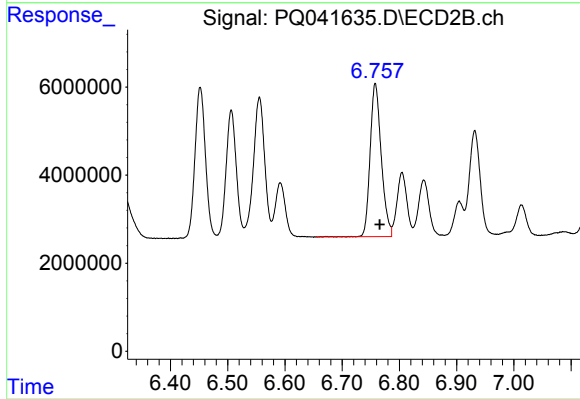
R.T.: 6.556 min
Delta R.T.: -0.007 min
Response: 43356790
Conc: 1005.62 ng/ml



#15 AR-1232-5

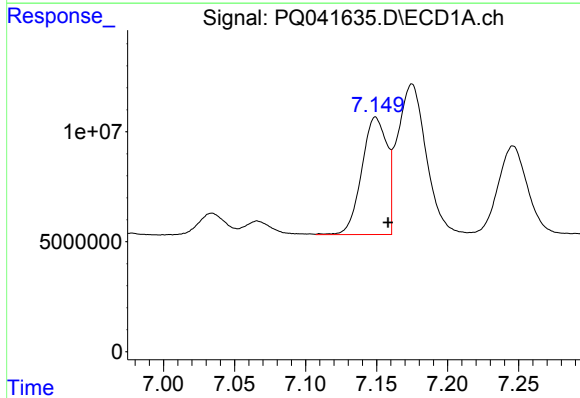
R.T.: 7.464 min
Delta R.T.: -0.009 min
Response: 37587817
Conc: 1018.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



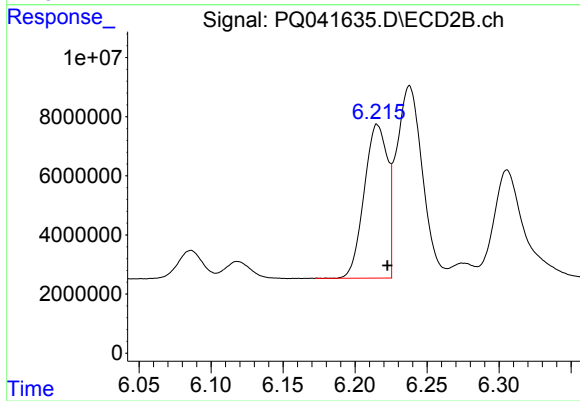
#15 AR-1232-5

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 46880838
Conc: 969.18 ng/ml



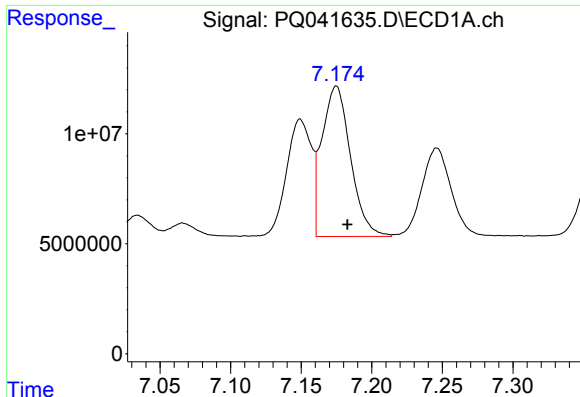
#16 AR-1242-1

R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 65954082
Conc: 526.54 ng/ml



#16 AR-1242-1

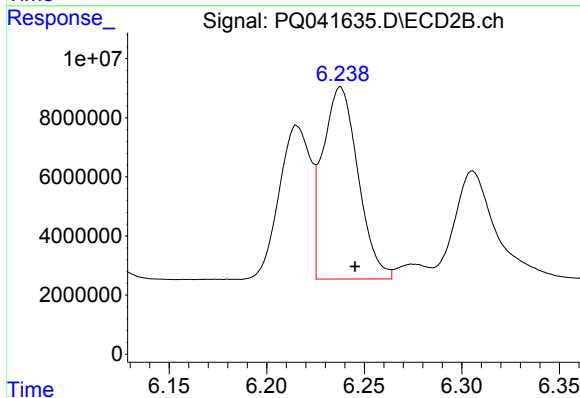
R.T.: 6.215 min
Delta R.T.: -0.007 min
Response: 58501606
Conc: 554.32 ng/ml



#17 AR-1242-2

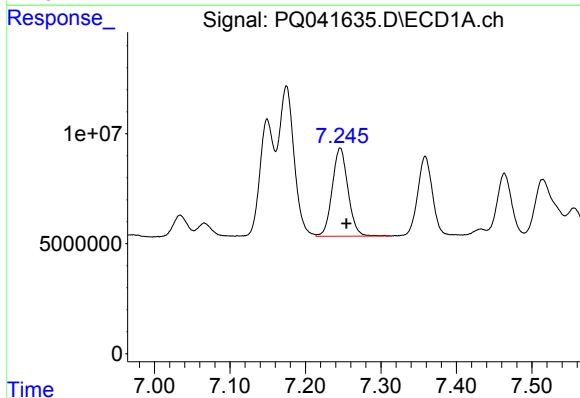
R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 96265401
Conc: 505.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



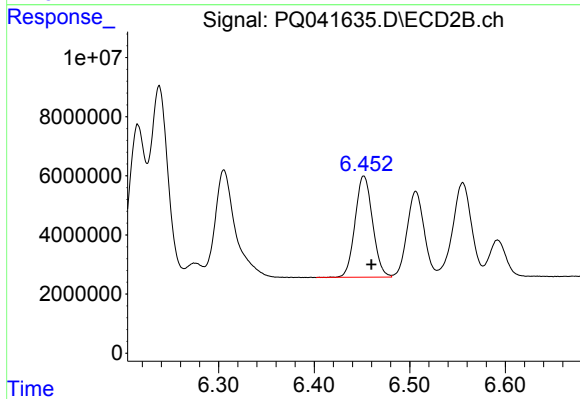
#17 AR-1242-2

R.T.: 6.238 min
Delta R.T.: -0.007 min
Response: 81500390
Conc: 525.58 ng/ml



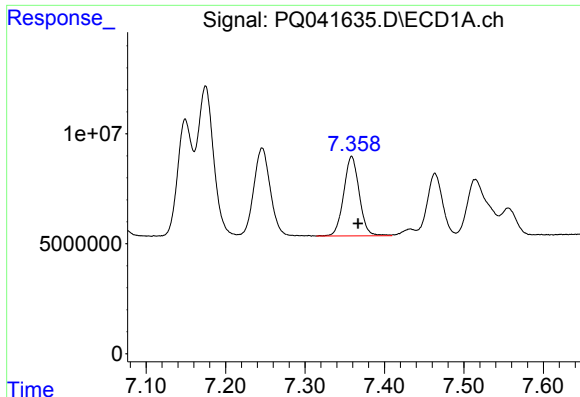
#18 AR-1242-3

R.T.: 7.246 min
Delta R.T.: -0.008 min
Response: 58196762
Conc: 492.22 ng/ml



#18 AR-1242-3

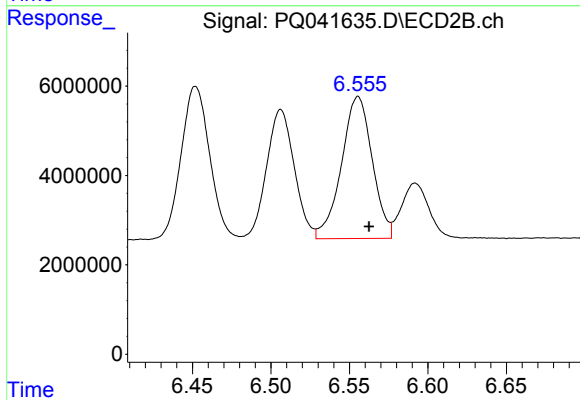
R.T.: 6.452 min
Delta R.T.: -0.008 min
Response: 43458832
Conc: 520.76 ng/ml



#19 AR-1242-4

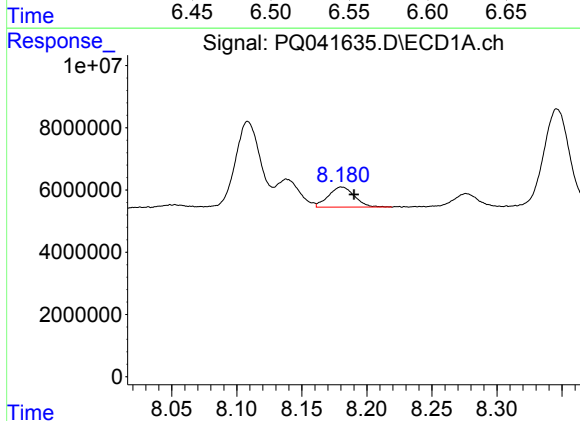
R.T.: 7.359 min
Delta R.T.: -0.008 min
Response: 49128552
Conc: 501.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



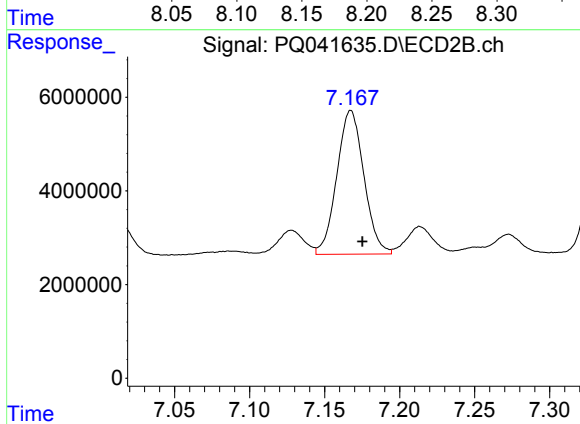
#19 AR-1242-4

R.T.: 6.556 min
Delta R.T.: -0.007 min
Response: 43356790
Conc: 532.31 ng/ml



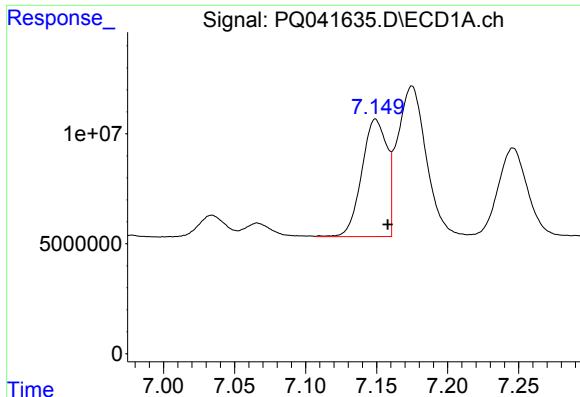
#20 AR-1242-5

R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 8955201
Conc: 67.55 ng/ml



#20 AR-1242-5

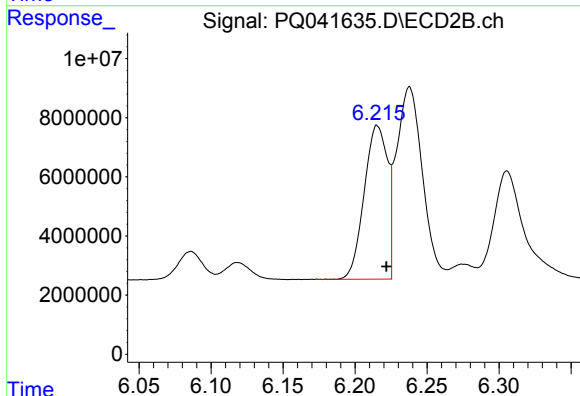
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 38619625
Conc: 309.38 ng/ml



#21 AR-1248-1

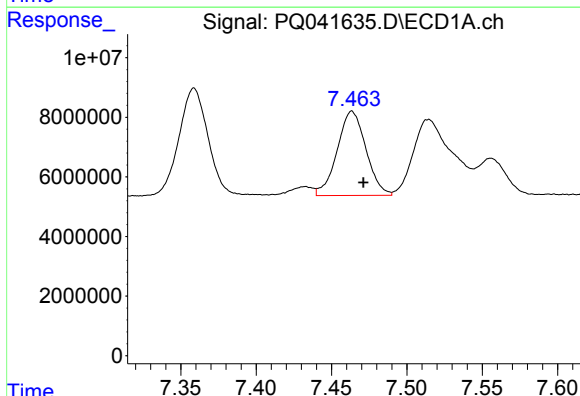
R.T.: 7.149 min
Delta R.T.: -0.008 min
Response: 65954082
Conc: 711.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



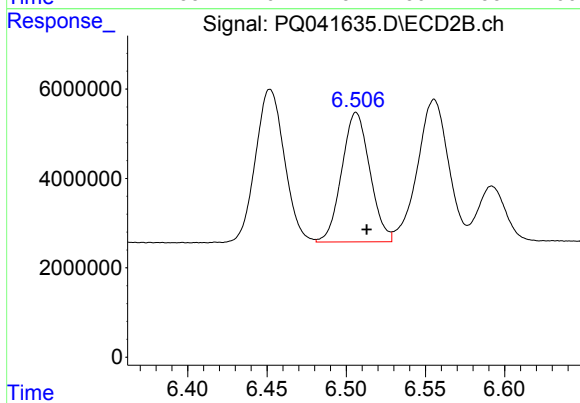
#21 AR-1248-1

R.T.: 6.215 min
Delta R.T.: -0.006 min
Response: 58501606
Conc: 728.37 ng/ml



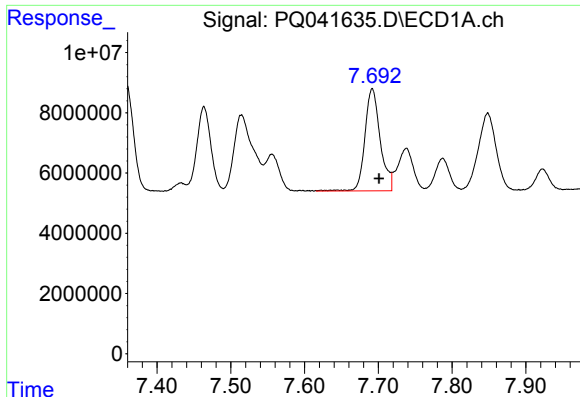
#22 AR-1248-2

R.T.: 7.464 min
Delta R.T.: -0.008 min
Response: 37587817
Conc: 305.45 ng/ml



#22 AR-1248-2

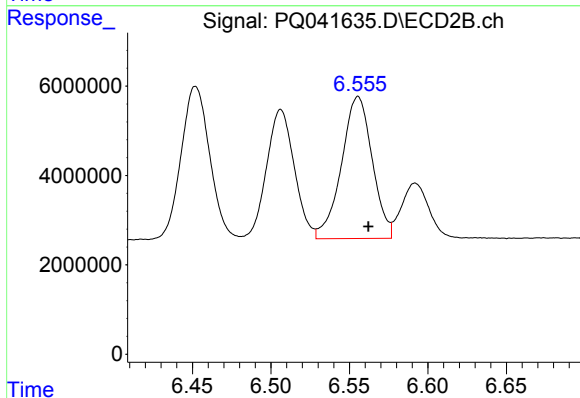
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 35722198
Conc: 318.91 ng/ml



#23 AR-1248-3

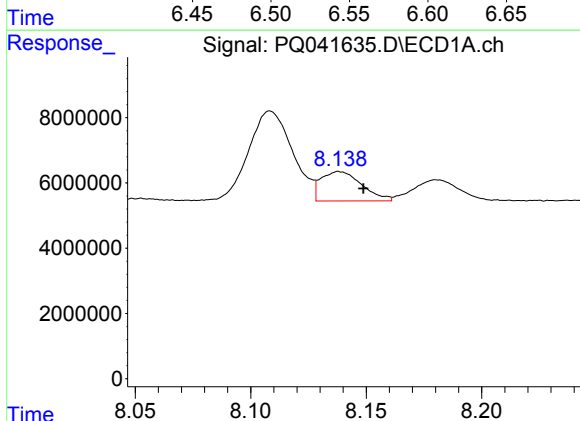
R.T.: 7.692 min
Delta R.T.: -0.009 min
Response: 48841565
Conc: 311.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



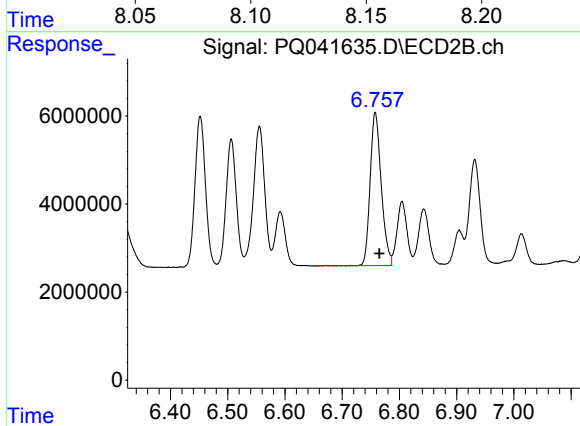
#23 AR-1248-3

R.T.: 6.556 min
Delta R.T.: -0.007 min
Response: 43356790
Conc: 375.62 ng/ml



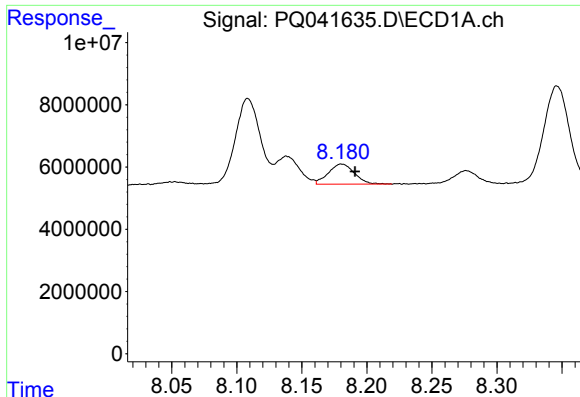
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: -0.010 min
Response: 11097972
Conc: 51.38 ng/ml



#24 AR-1248-4

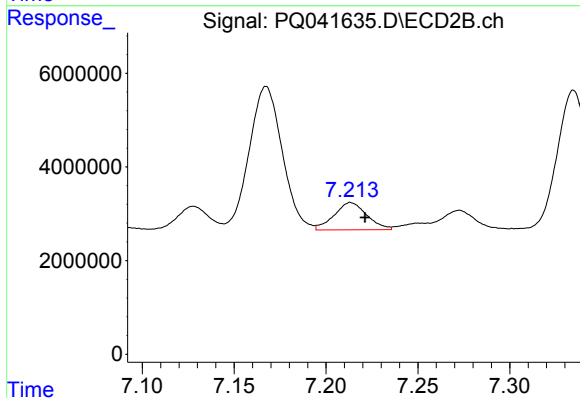
R.T.: 6.758 min
Delta R.T.: -0.007 min
Response: 46880838
Conc: 323.86 ng/ml



#25 AR-1248-5

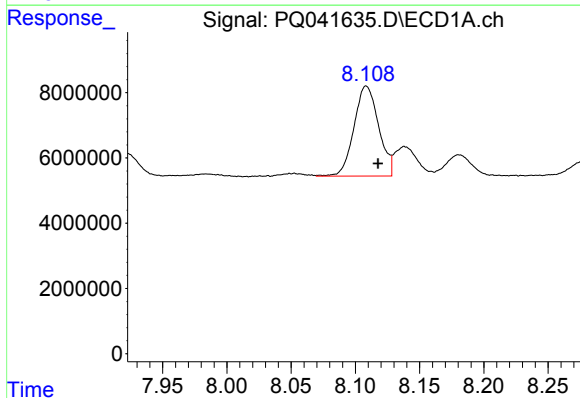
R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 8955201
Conc: 42.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



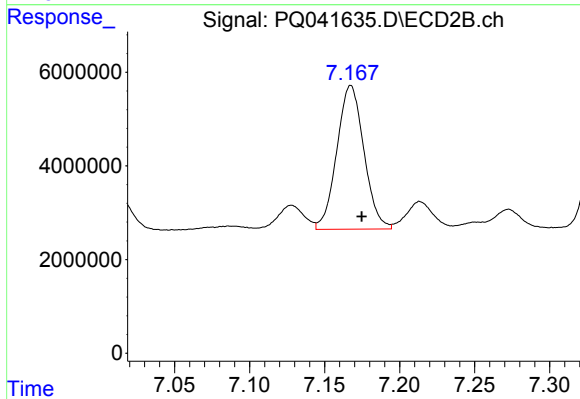
#25 AR-1248-5

R.T.: 7.213 min
Delta R.T.: -0.008 min
Response: 7232016
Conc: 42.98 ng/ml



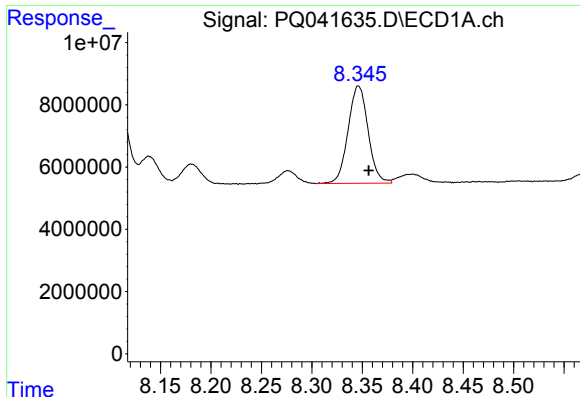
#26 AR-1254-1

R.T.: 8.108 min
Delta R.T.: -0.009 min
Response: 36814954
Conc: 181.62 ng/ml



#26 AR-1254-1

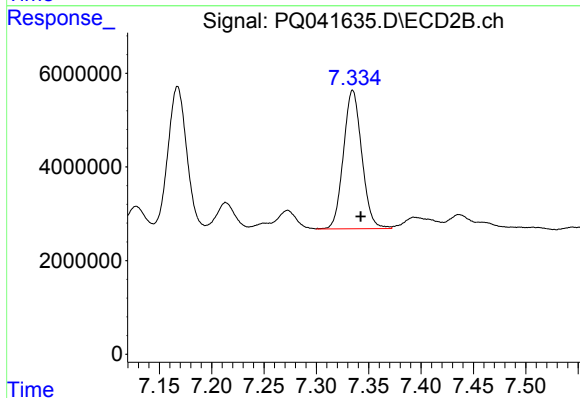
R.T.: 7.167 min
Delta R.T.: -0.007 min
Response: 38619625
Conc: 151.86 ng/ml



#27 AR-1254-2

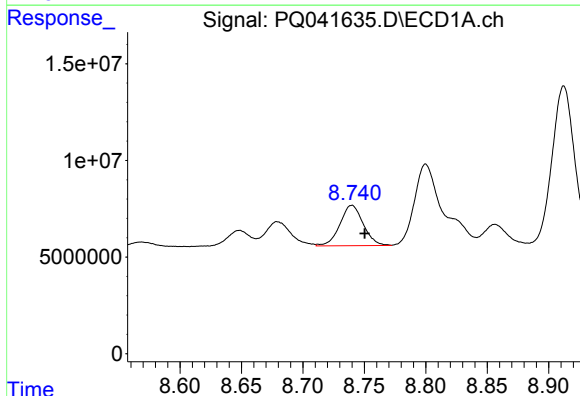
R.T.: 8.346 min
Delta R.T.: -0.010 min
Response: 43258209
Conc: 125.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



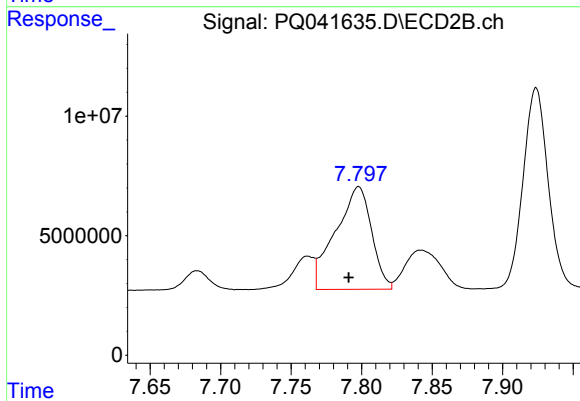
#27 AR-1254-2

R.T.: 7.335 min
Delta R.T.: -0.007 min
Response: 36110978
Conc: 157.84 ng/ml



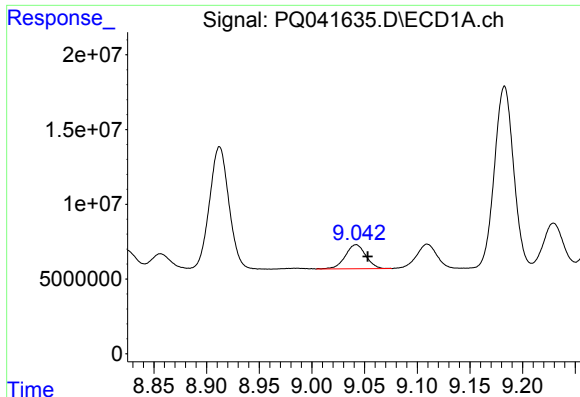
#28 AR-1254-3

R.T.: 8.740 min
Delta R.T.: -0.010 min
Response: 27725012
Conc: 66.91 ng/ml



#28 AR-1254-3

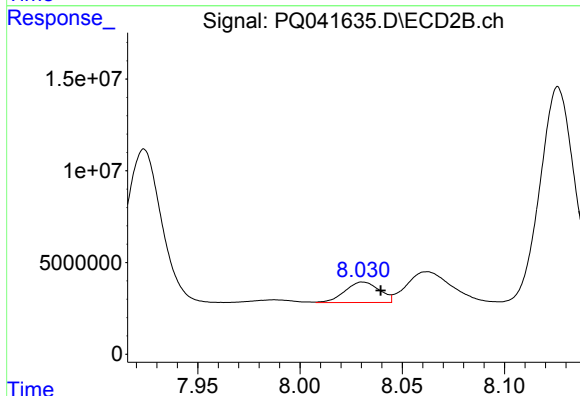
R.T.: 7.798 min
Delta R.T.: 0.007 min
Response: 76276158
Conc: 187.92 ng/ml



#29 AR-1254-4

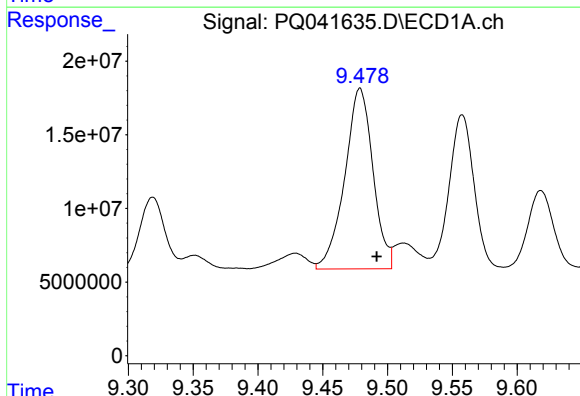
R.T.: 9.042 min
Delta R.T.: -0.011 min
Response: 21710140
Conc: 59.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



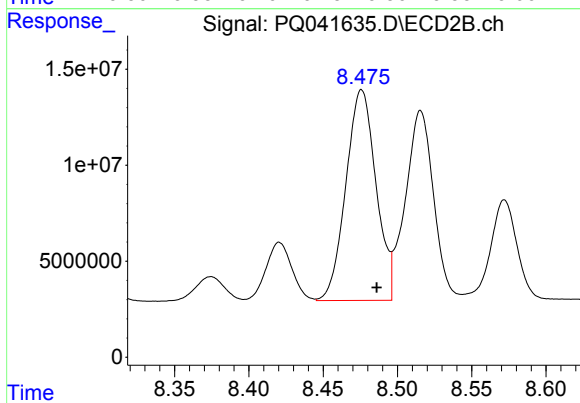
#29 AR-1254-4

R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 13096495
Conc: 47.94 ng/ml



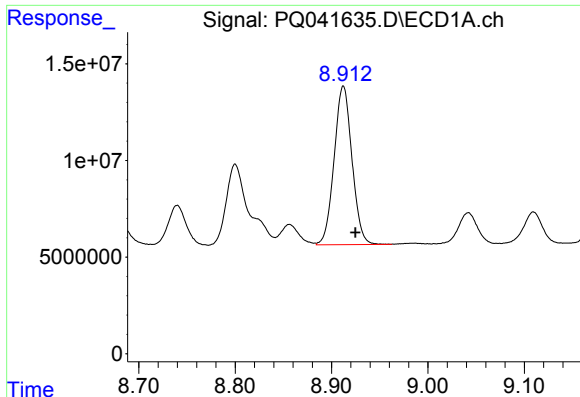
#30 AR-1254-5

R.T.: 9.479 min
Delta R.T.: -0.013 min
Response: 186086640
Conc: 463.44 ng/ml



#30 AR-1254-5

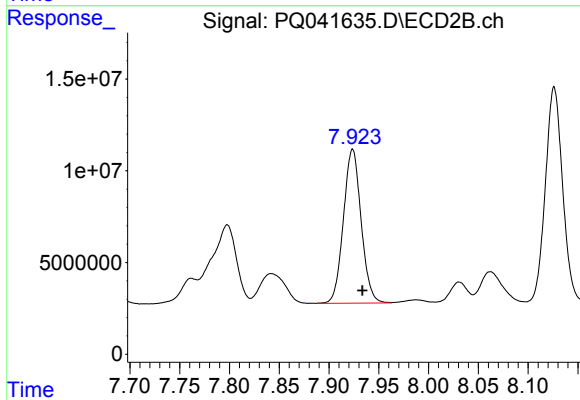
R.T.: 8.476 min
Delta R.T.: -0.010 min
Response: 154851178
Conc: 387.83 ng/ml



#31 AR-1260-1

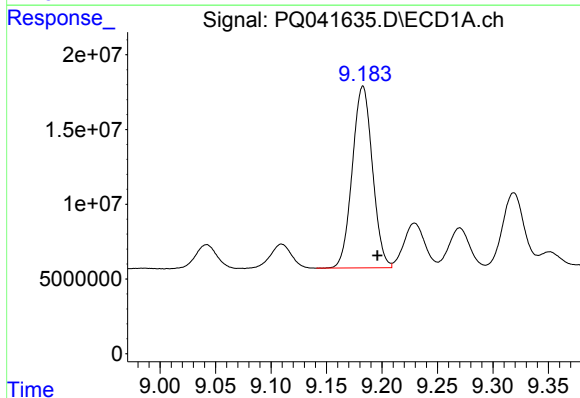
R.T.: 8.912 min
Delta R.T.: -0.012 min
Response: 105694255
Conc: 349.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



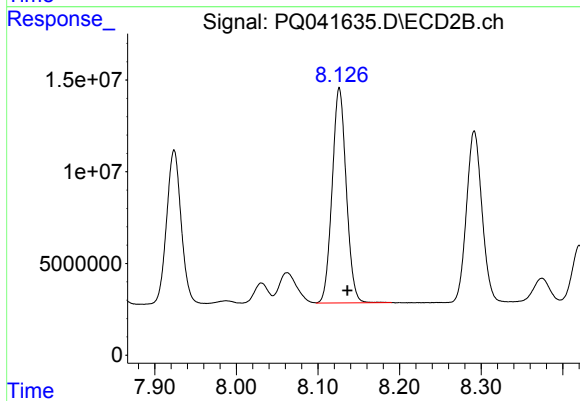
#31 AR-1260-1

R.T.: 7.924 min
Delta R.T.: -0.010 min
Response: 103871139
Conc: 390.56 ng/ml



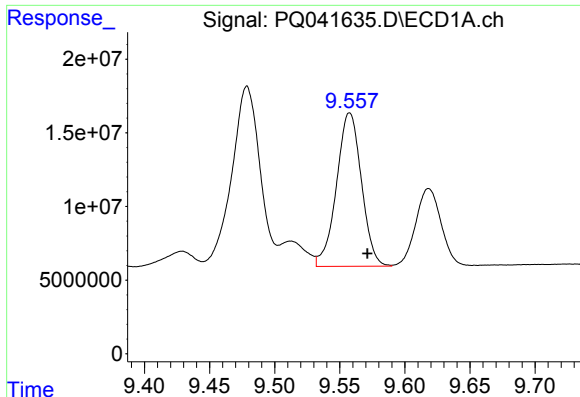
#32 AR-1260-2

R.T.: 9.183 min
Delta R.T.: -0.013 min
Response: 153648036
Conc: 335.21 ng/ml



#32 AR-1260-2

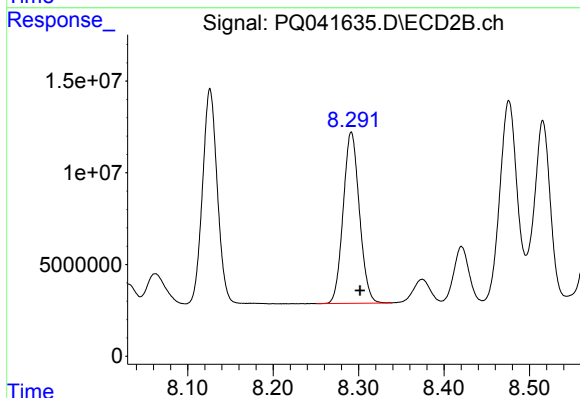
R.T.: 8.126 min
Delta R.T.: -0.010 min
Response: 140924271
Conc: 388.38 ng/ml



#33 AR-1260-3

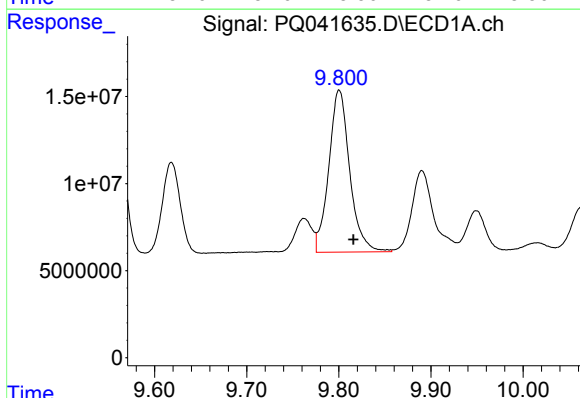
R.T.: 9.558 min
Delta R.T.: -0.014 min
Response: 139133339
Conc: 327.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



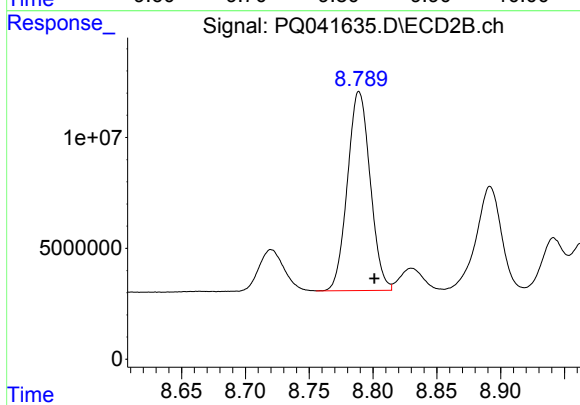
#33 AR-1260-3

R.T.: 8.292 min
Delta R.T.: -0.010 min
Response: 122772759
Conc: 390.97 ng/ml



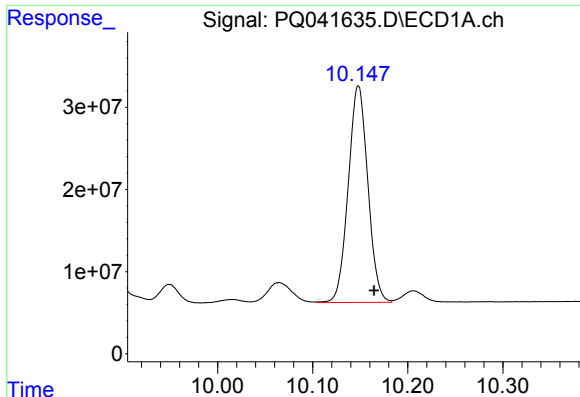
#34 AR-1260-4

R.T.: 9.800 min
Delta R.T.: -0.015 min
Response: 147000146
Conc: 349.21 ng/ml



#34 AR-1260-4

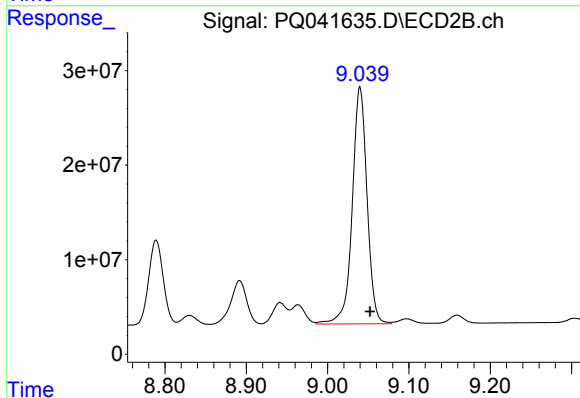
R.T.: 8.789 min
Delta R.T.: -0.012 min
Response: 111416379
Conc: 391.37 ng/ml



#35 AR-1260-5

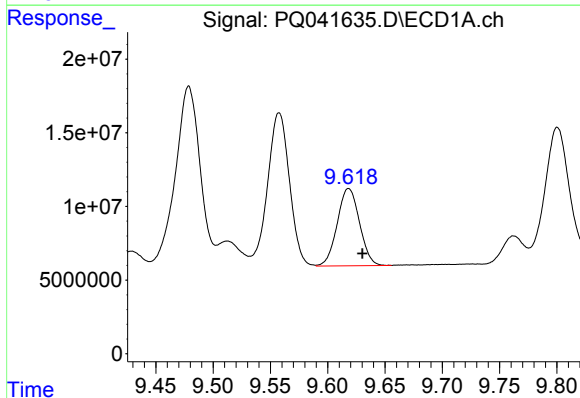
R.T.: 10.148 min
Delta R.T.: -0.017 min
Response: 378380866
Conc: 354.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



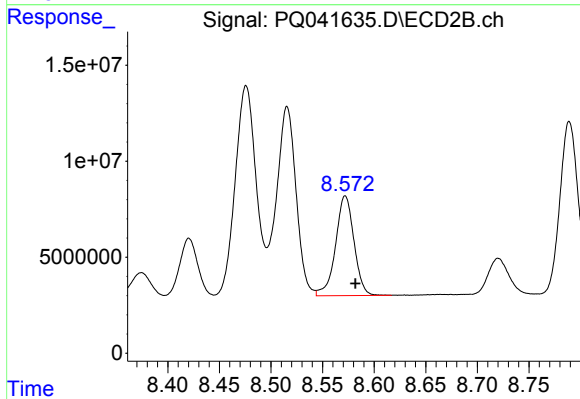
#35 AR-1260-5

R.T.: 9.040 min
Delta R.T.: -0.012 min
Response: 316802873
Conc: 426.05 ng/ml



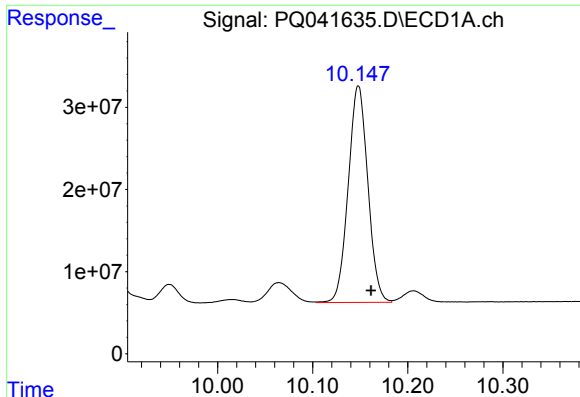
#36 AR-1262-1

R.T.: 9.618 min
Delta R.T.: -0.012 min
Response: 70999505
Conc: 289.19 ng/ml



#36 AR-1262-1

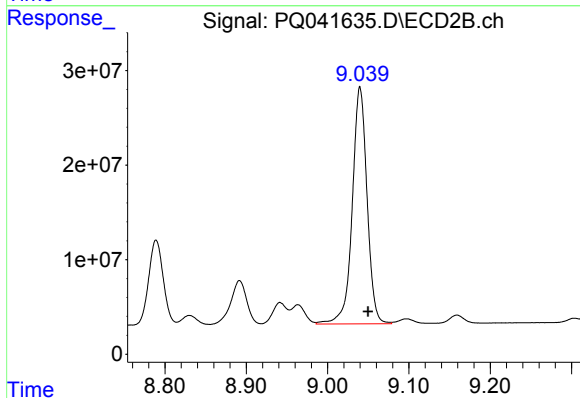
R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 64646597
Conc: 336.11 ng/ml



#37 AR-1262-2

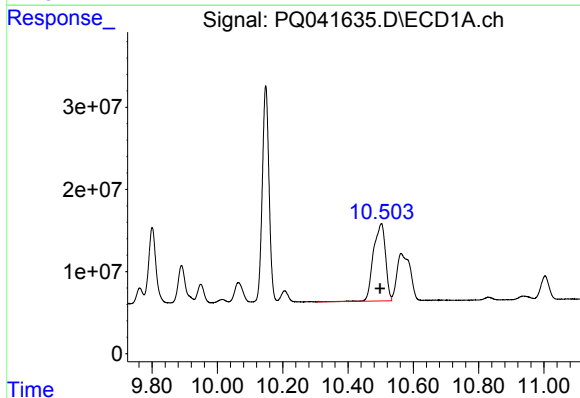
R.T.: 10.148 min
Delta R.T.: -0.013 min
Response: 378380866
Conc: 311.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



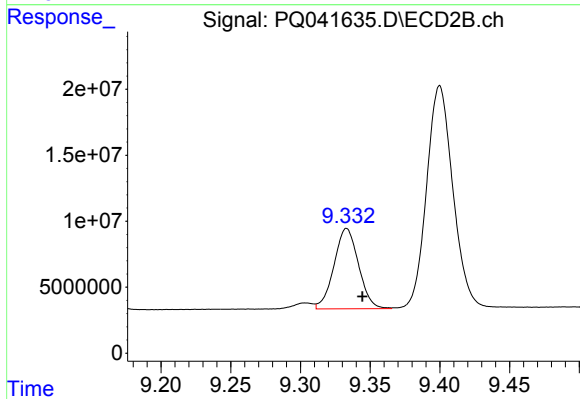
#37 AR-1262-2

R.T.: 9.040 min
Delta R.T.: -0.010 min
Response: 316802873
Conc: 377.08 ng/ml



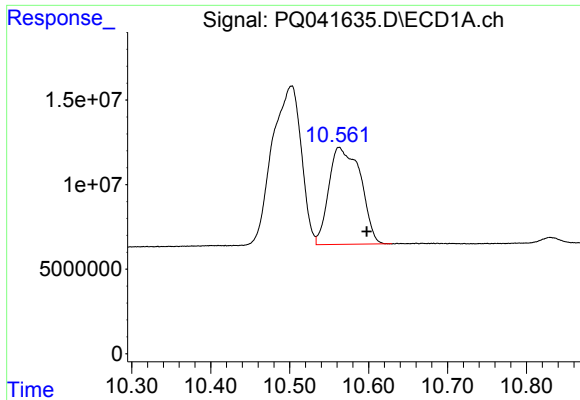
#38 AR-1262-3

R.T.: 10.502 min
Delta R.T.: 0.005 min
Response: 241203075
Conc: 289.43 ng/ml



#38 AR-1262-3

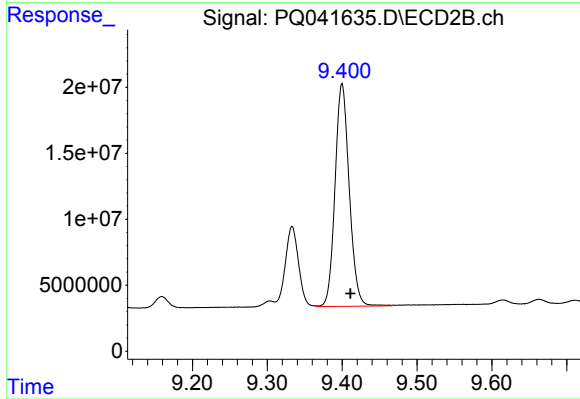
R.T.: 9.333 min
Delta R.T.: -0.011 min
Response: 74533162
Conc: 211.91 ng/ml



#39 AR-1262-4

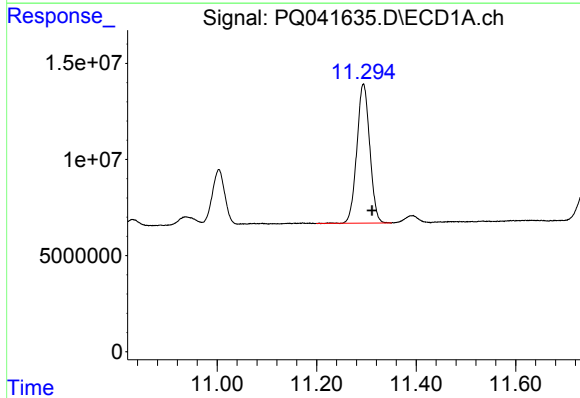
R.T.: 10.563 min
Delta R.T.: -0.035 min
Response: 160361928
Conc: 246.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



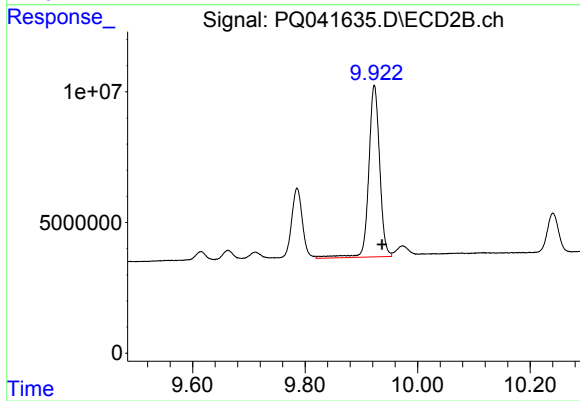
#39 AR-1262-4

R.T.: 9.400 min
Delta R.T.: -0.011 min
Response: 222342495
Conc: 378.32 ng/ml



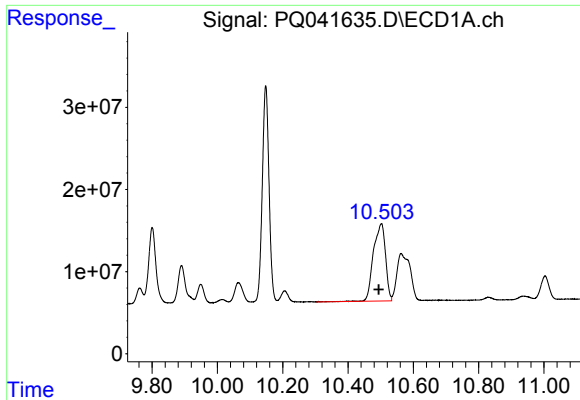
#40 AR-1262-5

R.T.: 11.294 min
Delta R.T.: -0.017 min
Response: 130313915
Conc: 285.08 ng/ml



#40 AR-1262-5

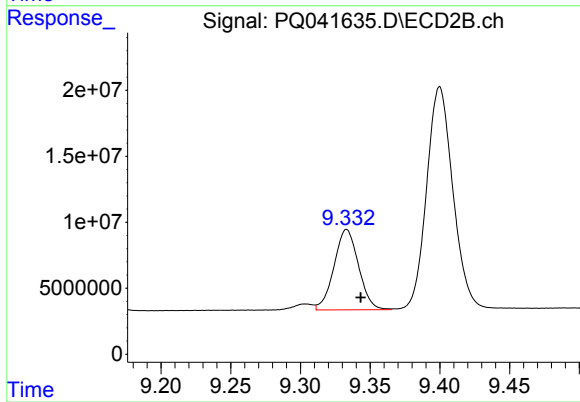
R.T.: 9.923 min
Delta R.T.: -0.014 min
Response: 88797899
Conc: 370.06 ng/ml



#41 AR-1268-1

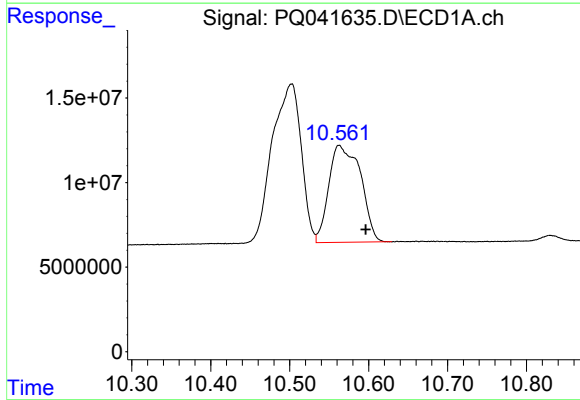
R.T.: 10.502 min
Delta R.T.: 0.008 min
Response: 241203075
Conc: 133.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



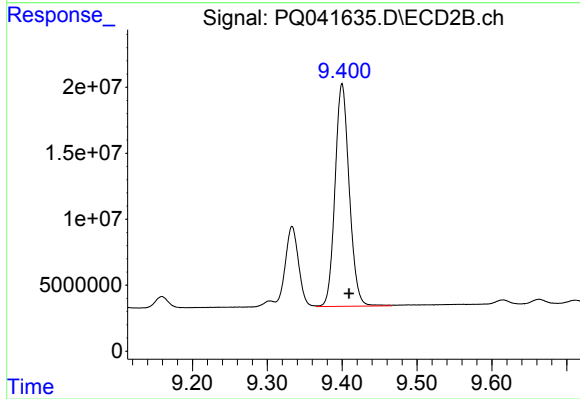
#41 AR-1268-1

R.T.: 9.333 min
Delta R.T.: -0.010 min
Response: 74533162
Conc: 65.23 ng/ml



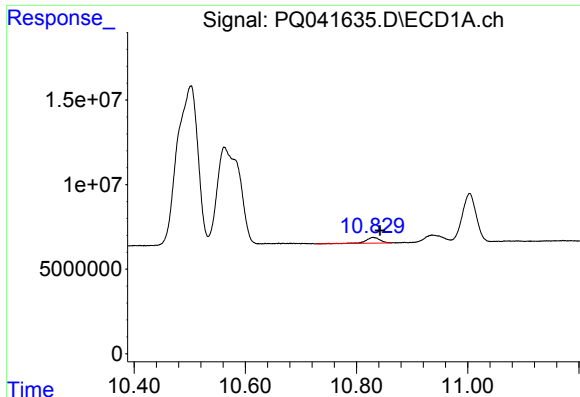
#42 AR-1268-2

R.T.: 10.563 min
Delta R.T.: -0.034 min
Response: 160361928
Conc: 100.50 ng/ml



#42 AR-1268-2

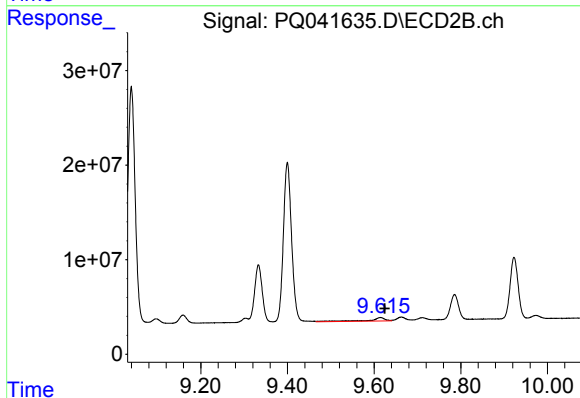
R.T.: 9.400 min
Delta R.T.: -0.009 min
Response: 222342495
Conc: 228.81 ng/ml



#43 AR-1268-3

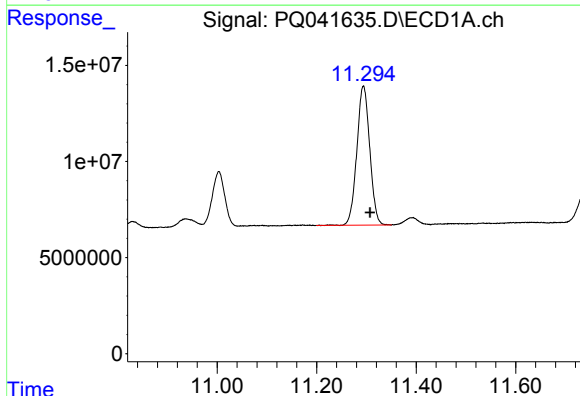
R.T.: 10.830 min
Delta R.T.: -0.013 min
Response: 5805961
Conc: 4.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



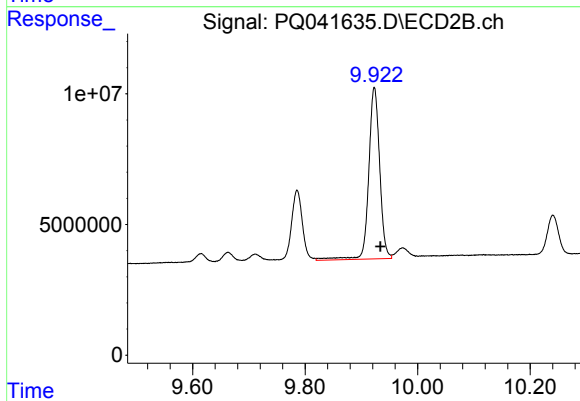
#43 AR-1268-3

R.T.: 9.615 min
Delta R.T.: -0.009 min
Response: 9184746
Conc: 11.51 ng/ml



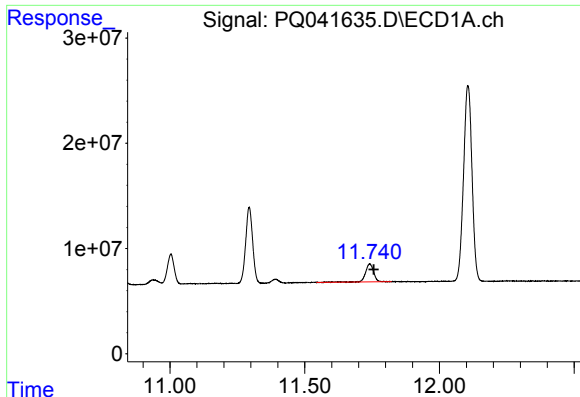
#44 AR-1268-4

R.T.: 11.294 min
Delta R.T.: -0.013 min
Response: 130313915
Conc: 229.57 ng/ml



#44 AR-1268-4

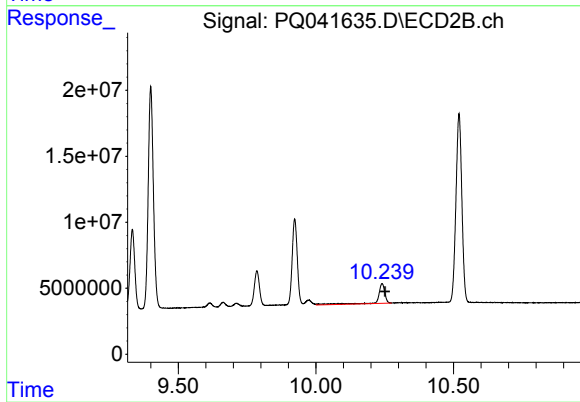
R.T.: 9.923 min
Delta R.T.: -0.011 min
Response: 88797899
Conc: 289.36 ng/ml



#45 AR-1268-5

R.T.: 11.741 min
Delta R.T.: -0.015 min
Response: 36283908
Conc: 8.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.241 min
Delta R.T.: -0.011 min
Response: 25707022
Conc: 13.01 ng/ml