

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
 Data File : PQ042638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 07:59
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 09:23:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.632	4.691	60190536	51695353	20.277	20.628
2)	SA Decachlor...	11.990	10.428	267.1E6	221.6E6	35.382	36.297
Target Compounds							
3)	L1 AR-1016-1	7.078	6.142	50834497	49352590	417.746	428.590
4)	L1 AR-1016-2	7.103	6.163	72216479	70170363	392.399	437.118
5)	L1 AR-1016-3	7.173	6.377	43980855	36760416	353.706	428.732
6)	L1 AR-1016-4	7.287	6.432	37563785	29053407	425.104	402.351
7)	L1 AR-1016-5	7.621	6.684	36485491	37839571	431.425	422.477
8)	L2 AR-1221-1	5.906	4.996	1910505	3540431	55.617	108.573 #
9)	L2 AR-1221-2	6.023	5.115	5397880	4745460	221.559	197.191
10)	L2 AR-1221-3	6.118	5.218	21840930	21226687	254.357	257.006
11)	L3 AR-1232-1	6.118	5.218	21840930	21226687	314.880	315.091
12)	L3 AR-1232-2	6.760	6.163	33050984	70170363	897.928	918.581
13)	L3 AR-1232-3	7.103	6.377	72216479	36760416	863.872	905.973
14)	L3 AR-1232-4	7.287	6.481	37563785	36711107	921.289	922.798
15)	L3 AR-1232-5	7.392	6.684	28199127	37839571	1152.914	954.215
16)	L4 AR-1242-1	7.078	6.142	50834497	49352590	487.103	477.759
17)	L4 AR-1242-2	7.103	6.163	72216479	70170363	474.096	495.172
18)	L4 AR-1242-3	7.173	6.377	43980855	36760416	431.547	485.716
19)	L4 AR-1242-4	7.287	6.481	37563785	36711107	488.406	479.415
20)	L4 AR-1242-5	8.110	7.093	7098680	31469074	75.234	280.733 #
21)	L5 AR-1248-1	7.078	6.142	50834497	49352590	609.699	600.392
22)	L5 AR-1248-2	7.392	6.432	28199127	29053407	276.109	263.730
23)	L5 AR-1248-3	7.621	6.481	36485491	36711107	287.516	325.754
24)	L5 AR-1248-4	8.068	6.684	8419021	37839571	50.786	276.977 #
25)	L5 AR-1248-5	8.110	7.140	7098680	6217521	44.587	39.495
26)	L6 AR-1254-1	8.038	7.093	26249382	31469074	178.897	139.462
27)	L6 AR-1254-2	8.276	7.262	29022665	29528981	120.991	146.034
28)	L6 AR-1254-3	8.670	7.725	18966000	59548876	66.526	169.103 #
29)	L6 AR-1254-4	8.973	7.959	14089366	9961325	59.091	38.819 #
30)	L6 AR-1254-5	9.412	8.404	121.3E6	124.2E6	469.780	341.883 #
31)	L7 AR-1260-1	8.843	7.850	68612570	84302758	389.195	413.192
32)	L7 AR-1260-2	9.115	8.054	98691402	111.9E6	410.599	417.900
33)	L7 AR-1260-3	9.489	8.218	84077137	98942052	388.878	415.091
34)	L7 AR-1260-4	9.729	8.716	99789501	90736191	410.949	400.227
35)	L7 AR-1260-5	10.072	8.969	218.8E6	239.2E6	368.638	384.052
36)	L8 AR-1262-1	9.549	8.500	46313521	50966552	321.316	297.733
37)	L8 AR-1262-2	10.072	8.969	218.8E6	239.2E6	290.864	286.308
38)	L8 AR-1262-3	10.422	9.262	142.9E6	59581569	265.729	167.630 #
39)	L8 AR-1262-4	10.480	9.327	99858718	179.8E6	229.699	278.783
40)	L8 AR-1262-5	11.198	9.847	82008397	70414998	239.089	222.593
41)	L9 AR-1268-1	10.422	9.262	142.9E6	59581569	149.468	59.351 #

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 Acq On : 21 Aug 2019 07:59
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

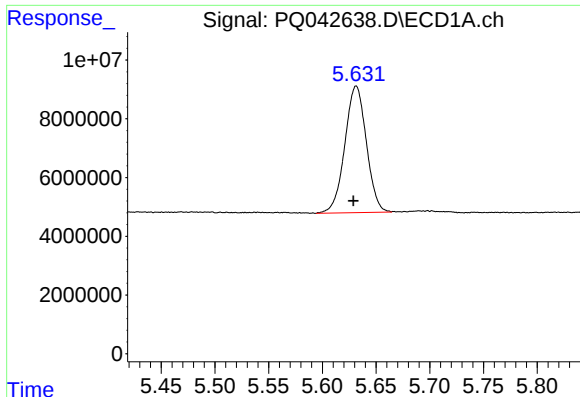
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 09:23:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 2019
 Response via : Initial Calibration
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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	10.480	9.327	99858718	179.8E6	107.216	191.440 #
43) L9	AR-1268-3	10.743	9.539	4471000	6288223	5.518	7.895 #
44) L9	AR-1268-4	11.198	9.847	82008397	70414998	221.015	205.749
45) L9	AR-1268-5	11.635	10.157	24570404	19296317	8.681	7.528

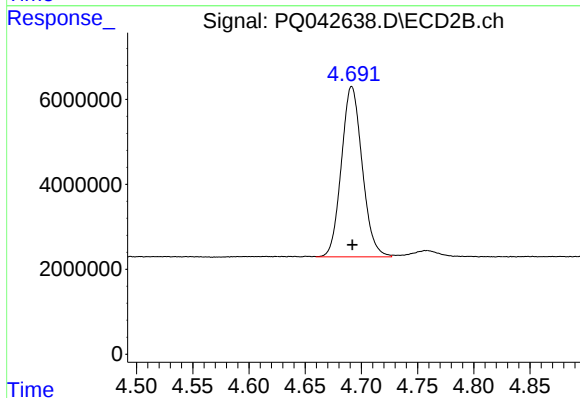
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

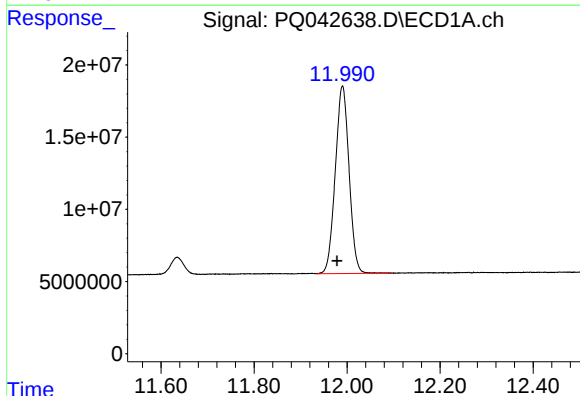
R.T.: 5.632 min
Delta R.T.: 0.003 min
Response: 60190536
Conc: 20.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



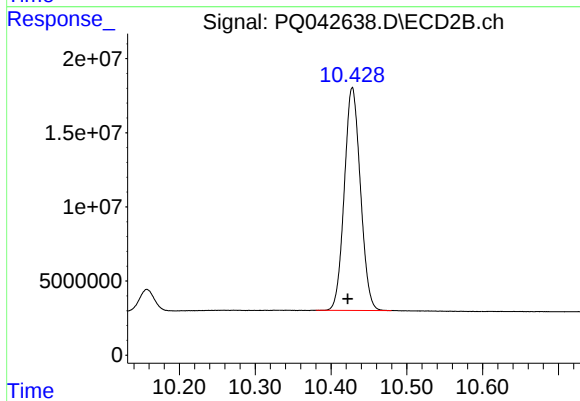
#1 Tetrachloro-m-xylene

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 51695353
Conc: 20.63 ng/ml



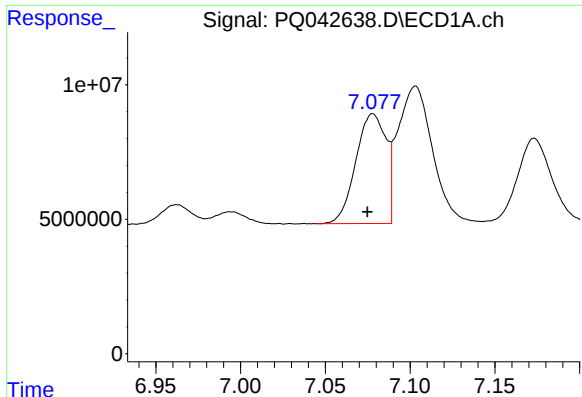
#2 Decachlorobiphenyl

R.T.: 11.990 min
Delta R.T.: 0.012 min
Response: 267091494
Conc: 35.38 ng/ml



#2 Decachlorobiphenyl

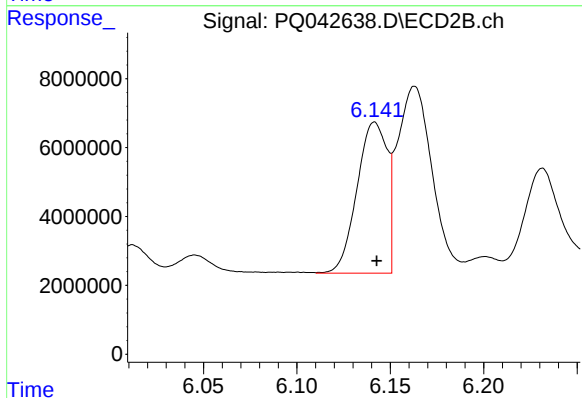
R.T.: 10.428 min
Delta R.T.: 0.006 min
Response: 221646519
Conc: 36.30 ng/ml



#3 AR-1016-1

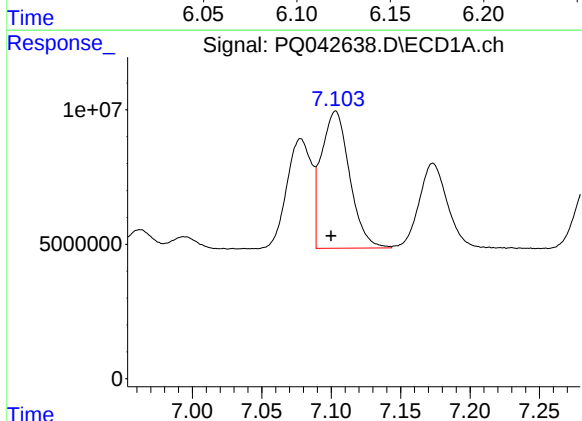
R.T.: 7.078 min
Delta R.T.: 0.003 min
Response: 50834497
Conc: 417.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



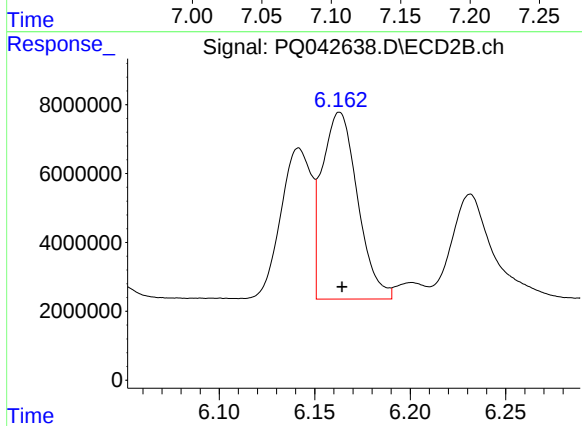
#3 AR-1016-1

R.T.: 6.142 min
Delta R.T.: -0.001 min
Response: 49352590
Conc: 428.59 ng/ml



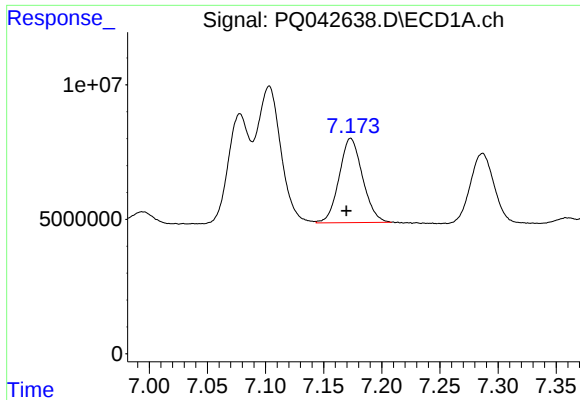
#4 AR-1016-2

R.T.: 7.103 min
Delta R.T.: 0.004 min
Response: 72216479
Conc: 392.40 ng/ml



#4 AR-1016-2

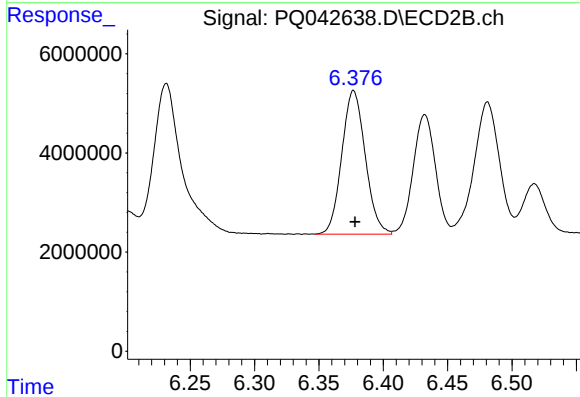
R.T.: 6.163 min
Delta R.T.: -0.001 min
Response: 70170363
Conc: 437.12 ng/ml



#5 AR-1016-3

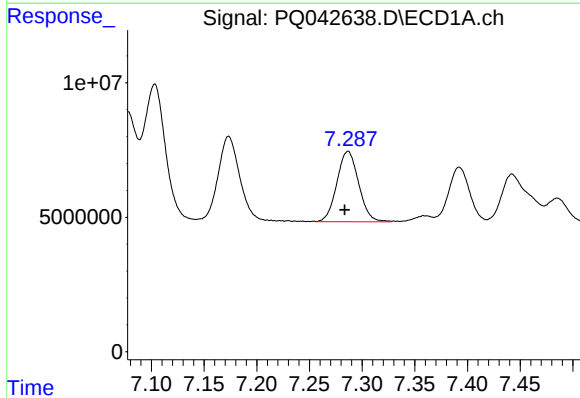
R.T.: 7.173 min
Delta R.T.: 0.004 min
Response: 43980855
Conc: 353.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



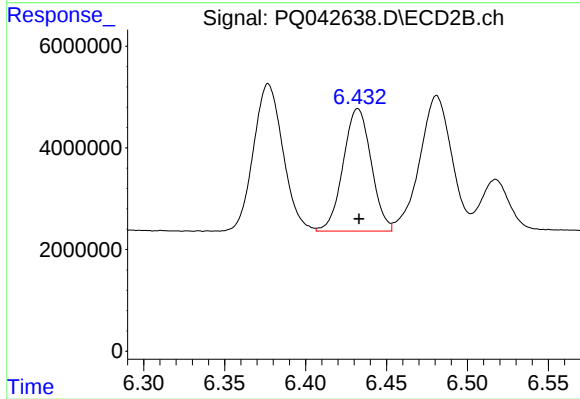
#5 AR-1016-3

R.T.: 6.377 min
Delta R.T.: -0.001 min
Response: 36760416
Conc: 428.73 ng/ml



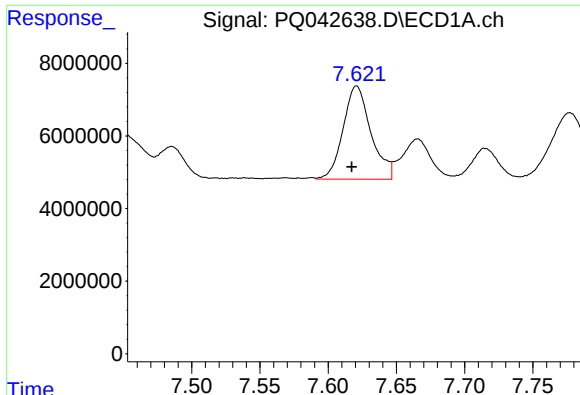
#6 AR-1016-4

R.T.: 7.287 min
Delta R.T.: 0.003 min
Response: 37563785
Conc: 425.10 ng/ml



#6 AR-1016-4

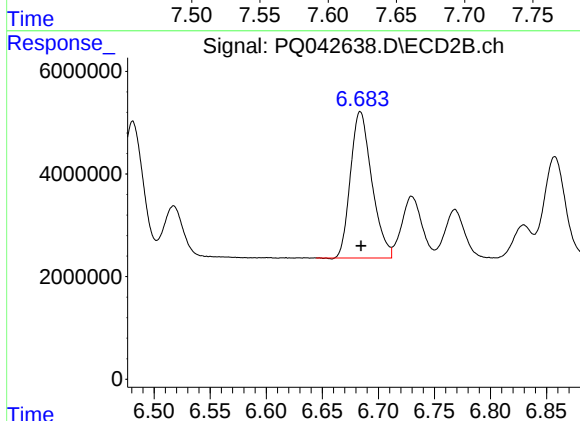
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 29053407
Conc: 402.35 ng/ml



#7 AR-1016-5

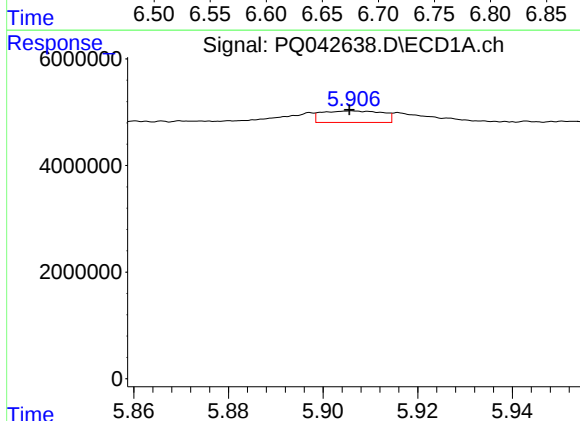
R.T.: 7.621 min
Delta R.T.: 0.004 min
Response: 36485491
Conc: 431.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



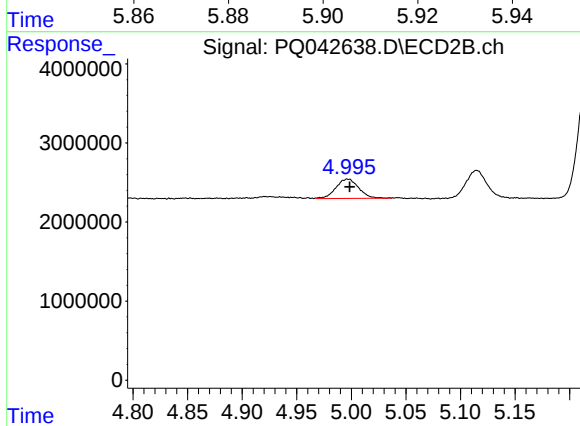
#7 AR-1016-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 37839571
Conc: 422.48 ng/ml



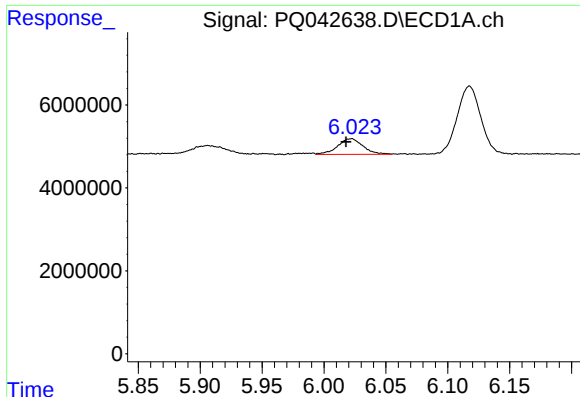
#8 AR-1221-1

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 1910505
Conc: 55.62 ng/ml



#8 AR-1221-1

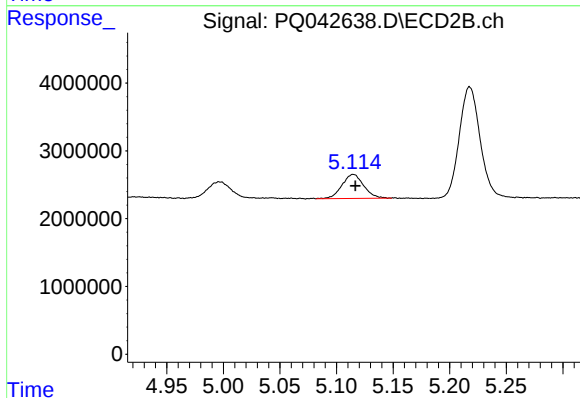
R.T.: 4.996 min
Delta R.T.: -0.003 min
Response: 3540431
Conc: 108.57 ng/ml



#9 AR-1221-2

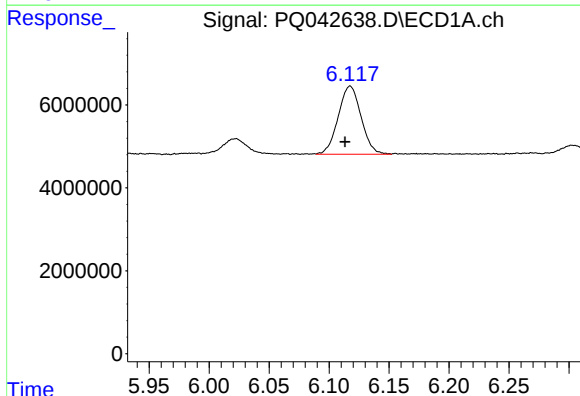
R.T.: 6.023 min
Delta R.T.: 0.005 min
Response: 5397880
Conc: 221.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



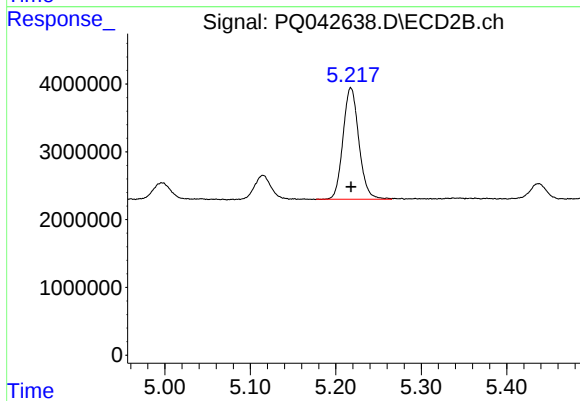
#9 AR-1221-2

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 4745460
Conc: 197.19 ng/ml



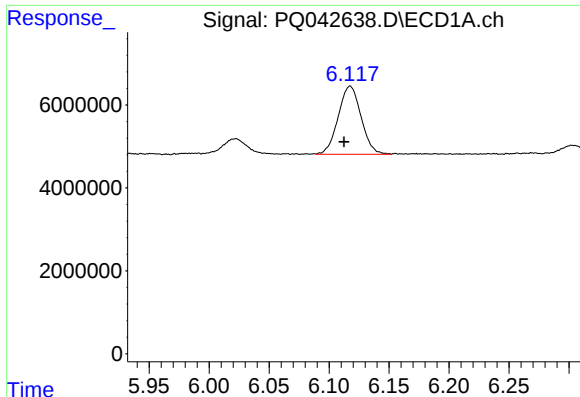
#10 AR-1221-3

R.T.: 6.118 min
Delta R.T.: 0.004 min
Response: 21840930
Conc: 254.36 ng/ml



#10 AR-1221-3

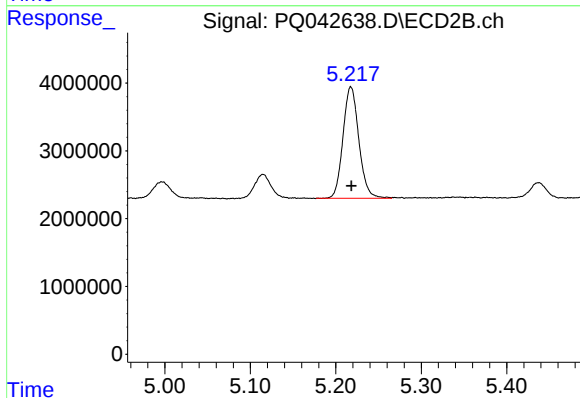
R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 21226687
Conc: 257.01 ng/ml



#11 AR-1232-1

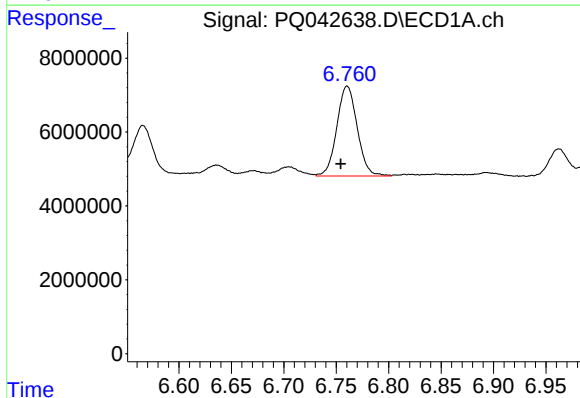
R.T.: 6.118 min
Delta R.T.: 0.005 min
Response: 21840930
Conc: 314.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



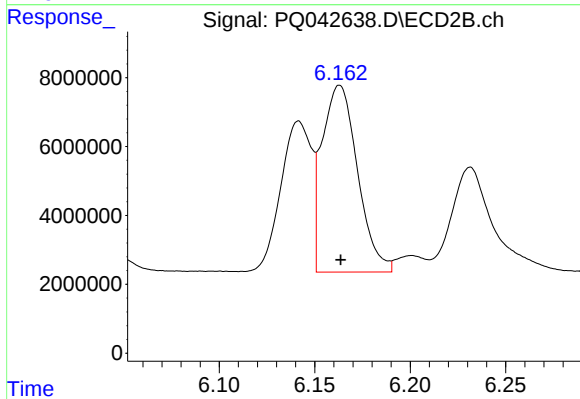
#11 AR-1232-1

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 21226687
Conc: 315.09 ng/ml



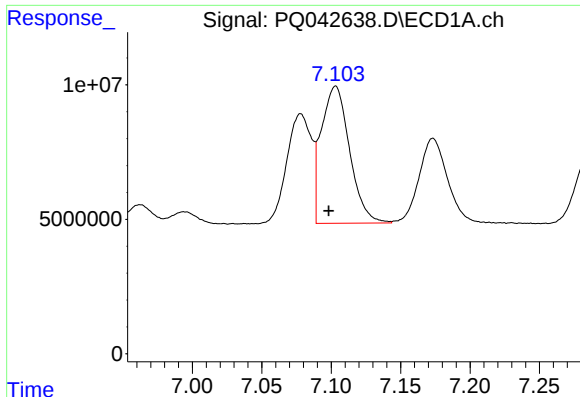
#12 AR-1232-2

R.T.: 6.760 min
Delta R.T.: 0.006 min
Response: 33050984
Conc: 897.93 ng/ml



#12 AR-1232-2

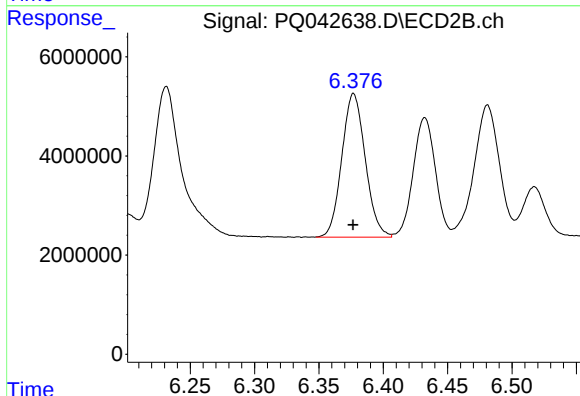
R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 70170363
Conc: 918.58 ng/ml



#13 AR-1232-3

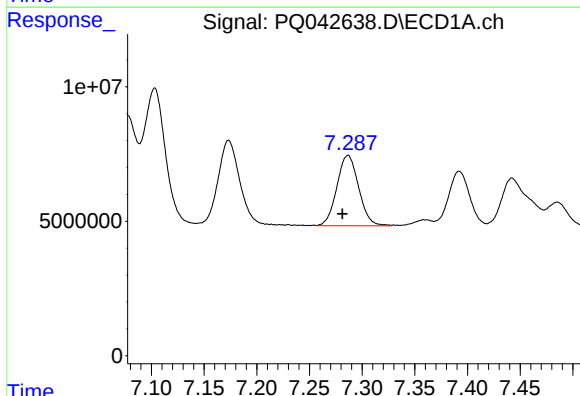
R.T.: 7.103 min
Delta R.T.: 0.005 min
Response: 72216479
Conc: 863.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



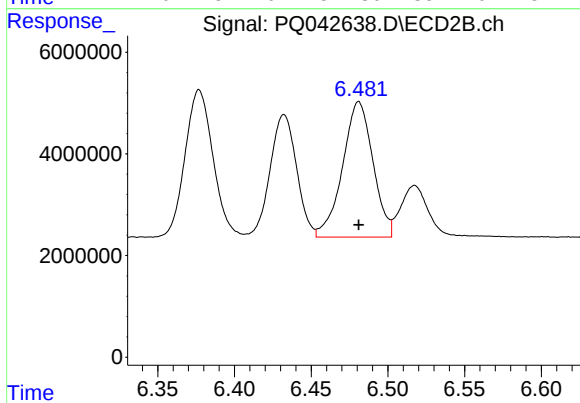
#13 AR-1232-3

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 36760416
Conc: 905.97 ng/ml



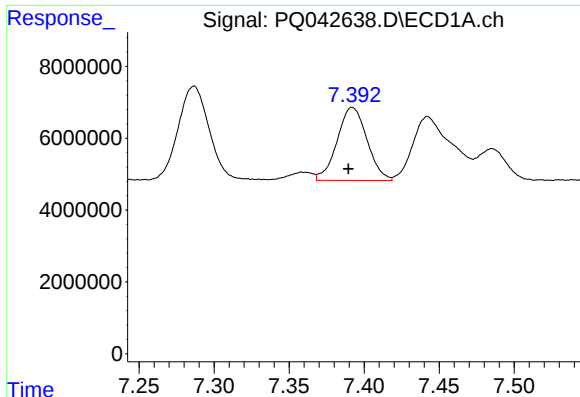
#14 AR-1232-4

R.T.: 7.287 min
Delta R.T.: 0.006 min
Response: 37563785
Conc: 921.29 ng/ml



#14 AR-1232-4

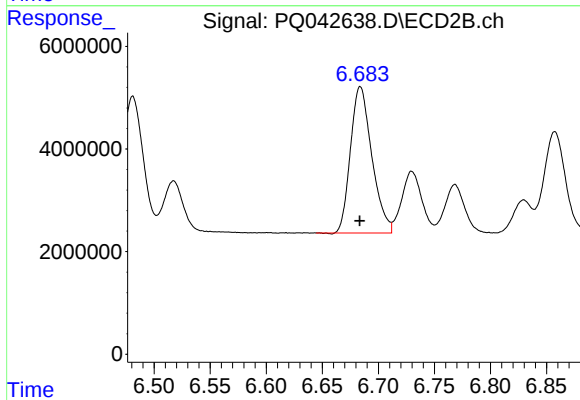
R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 36711107
Conc: 922.80 ng/ml



#15 AR-1232-5

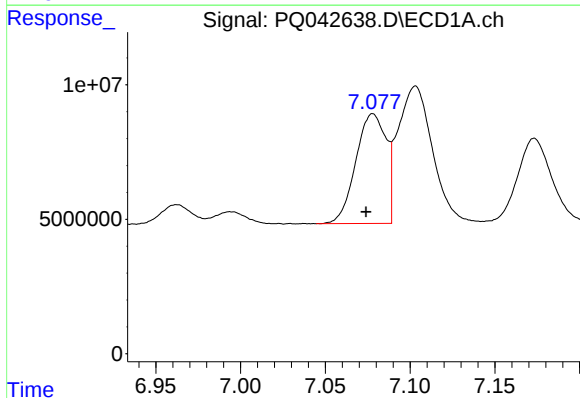
R.T.: 7.392 min
Delta R.T.: 0.003 min
Response: 28199127
Conc: 1152.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



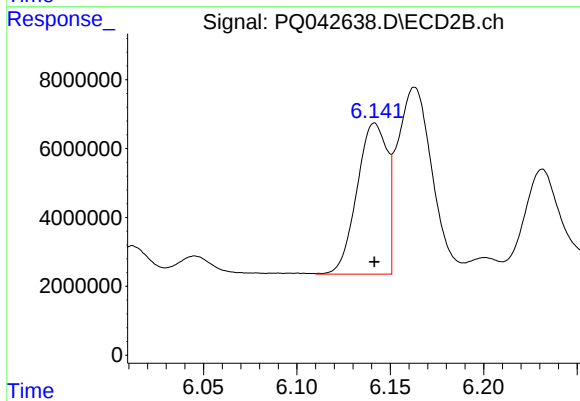
#15 AR-1232-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 37839571
Conc: 954.21 ng/ml



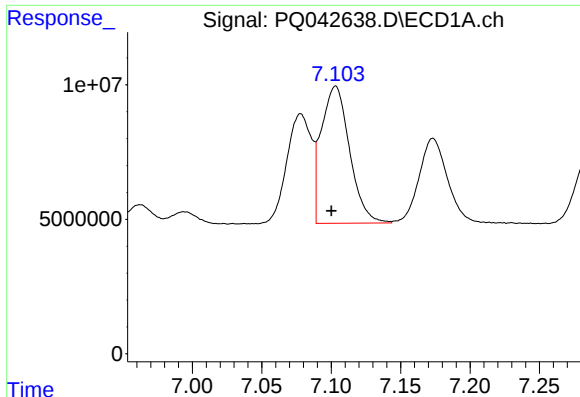
#16 AR-1242-1

R.T.: 7.078 min
Delta R.T.: 0.004 min
Response: 50834497
Conc: 487.10 ng/ml



#16 AR-1242-1

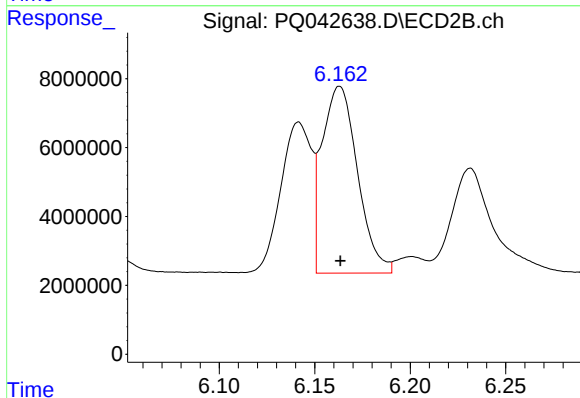
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 49352590
Conc: 477.76 ng/ml



#17 AR-1242-2

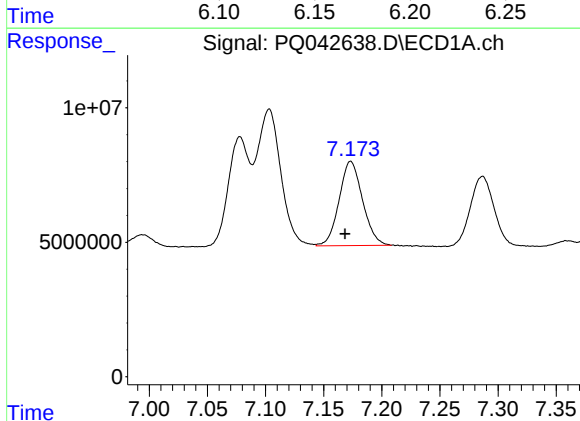
R.T.: 7.103 min
Delta R.T.: 0.003 min
Response: 72216479
Conc: 474.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



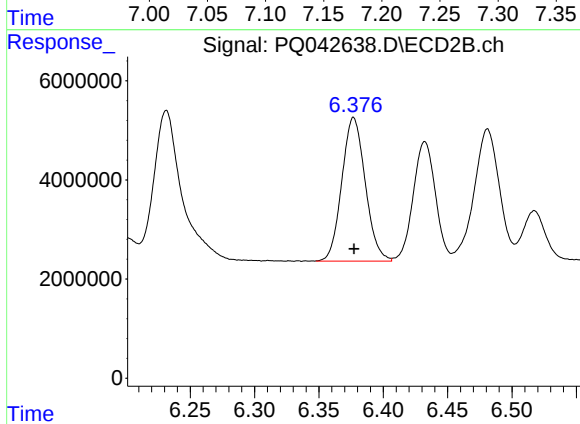
#17 AR-1242-2

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 70170363
Conc: 495.17 ng/ml



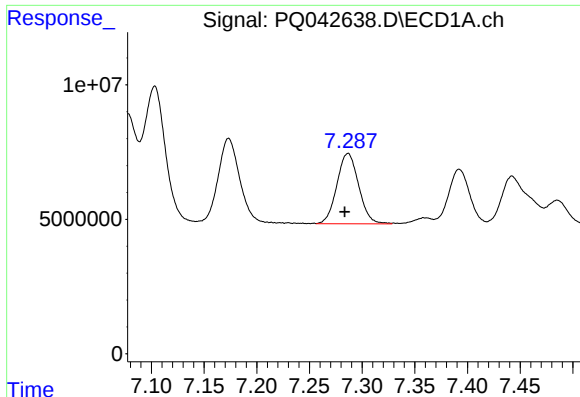
#18 AR-1242-3

R.T.: 7.173 min
Delta R.T.: 0.005 min
Response: 43980855
Conc: 431.55 ng/ml



#18 AR-1242-3

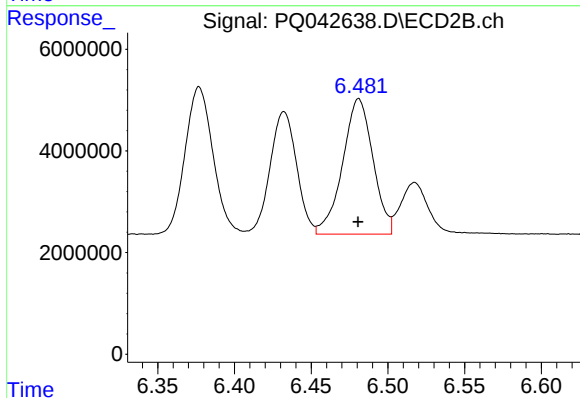
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 36760416
Conc: 485.72 ng/ml



#19 AR-1242-4

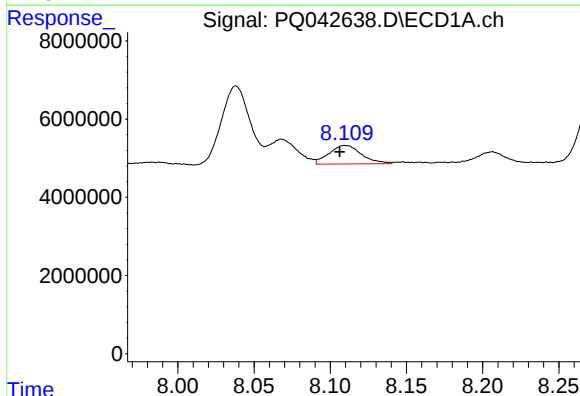
R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 37563785
Conc: 488.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



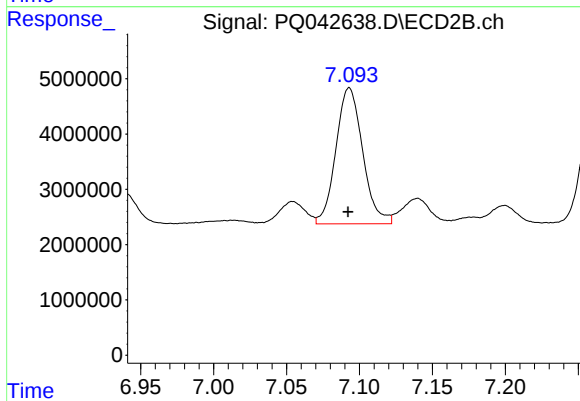
#19 AR-1242-4

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 36711107
Conc: 479.42 ng/ml



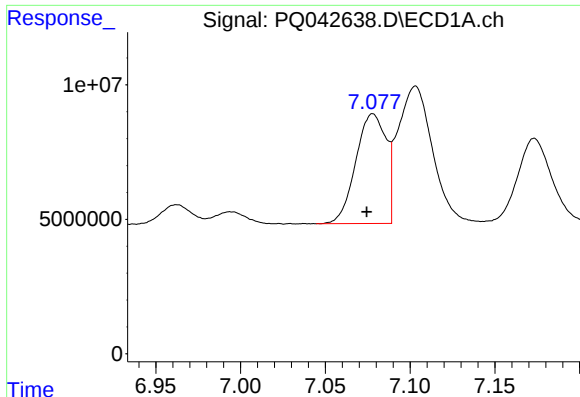
#20 AR-1242-5

R.T.: 8.110 min
Delta R.T.: 0.003 min
Response: 7098680
Conc: 75.23 ng/ml



#20 AR-1242-5

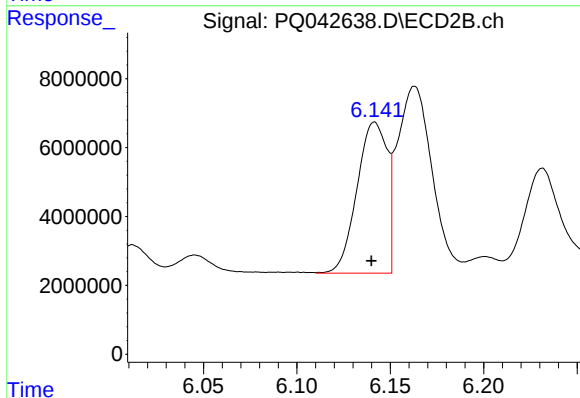
R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 31469074
Conc: 280.73 ng/ml



#21 AR-1248-1

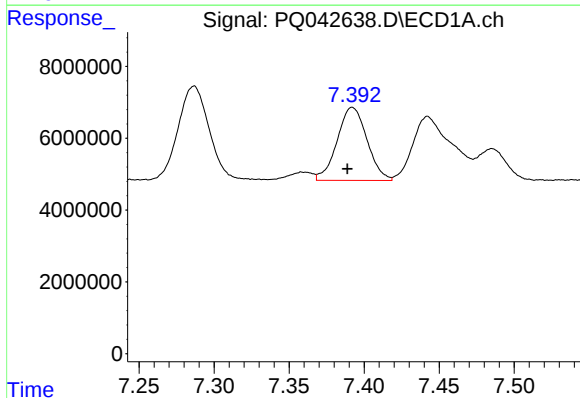
R.T.: 7.078 min
Delta R.T.: 0.004 min
Response: 50834497
Conc: 609.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



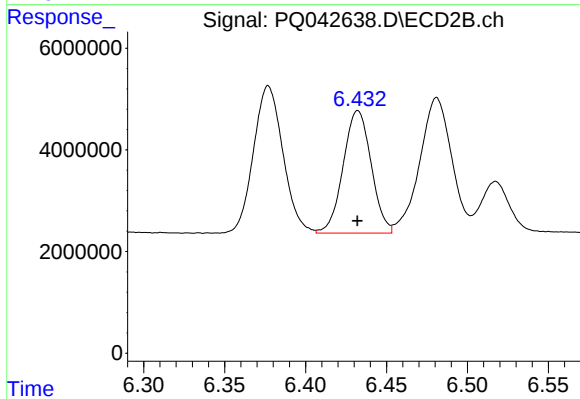
#21 AR-1248-1

R.T.: 6.142 min
Delta R.T.: 0.002 min
Response: 49352590
Conc: 600.39 ng/ml



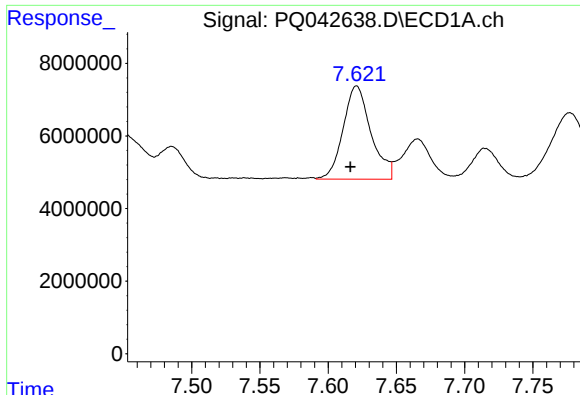
#22 AR-1248-2

R.T.: 7.392 min
Delta R.T.: 0.003 min
Response: 28199127
Conc: 276.11 ng/ml



#22 AR-1248-2

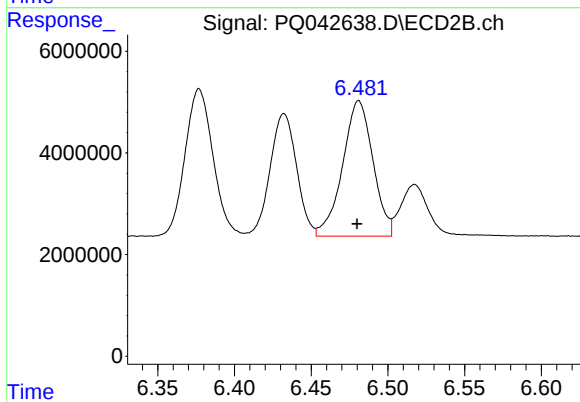
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 29053407
Conc: 263.73 ng/ml



#23 AR-1248-3

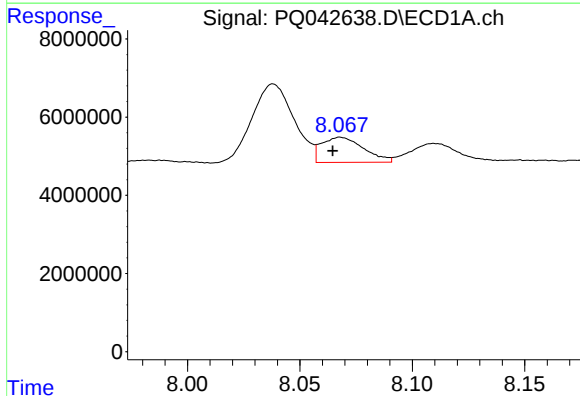
R.T.: 7.621 min
Delta R.T.: 0.005 min
Response: 36485491
Conc: 287.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



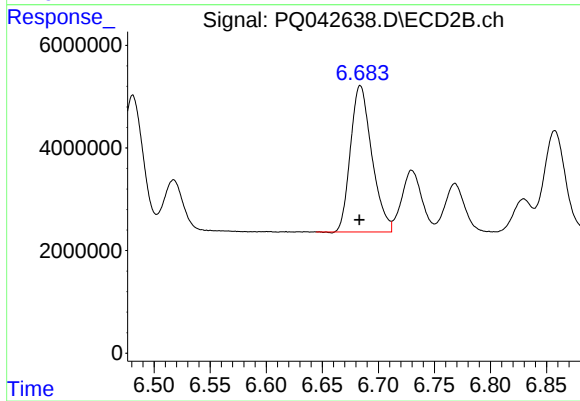
#23 AR-1248-3

R.T.: 6.481 min
Delta R.T.: 0.001 min
Response: 36711107
Conc: 325.75 ng/ml



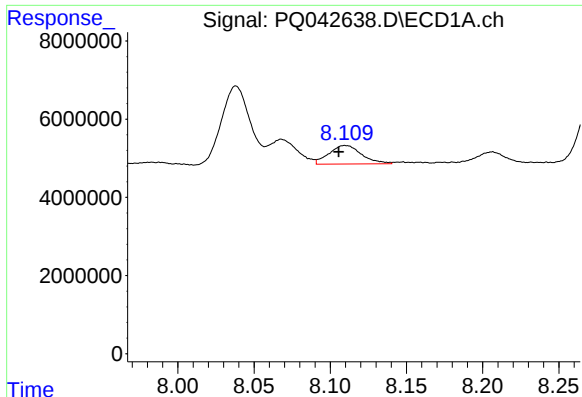
#24 AR-1248-4

R.T.: 8.068 min
Delta R.T.: 0.003 min
Response: 8419021
Conc: 50.79 ng/ml



#24 AR-1248-4

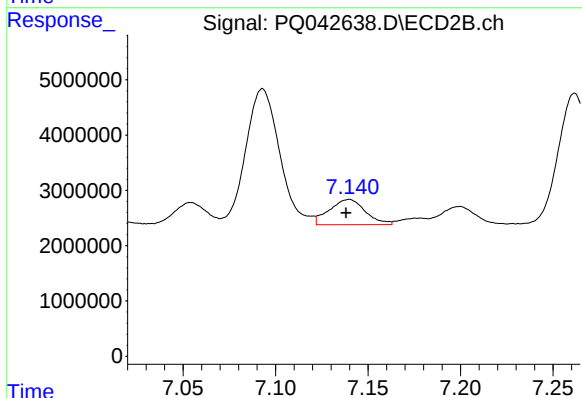
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 37839571
Conc: 276.98 ng/ml



#25 AR-1248-5

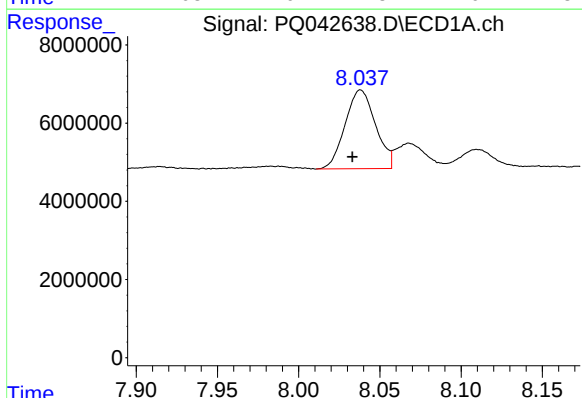
R.T.: 8.110 min
Delta R.T.: 0.004 min
Response: 7098680
Conc: 44.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



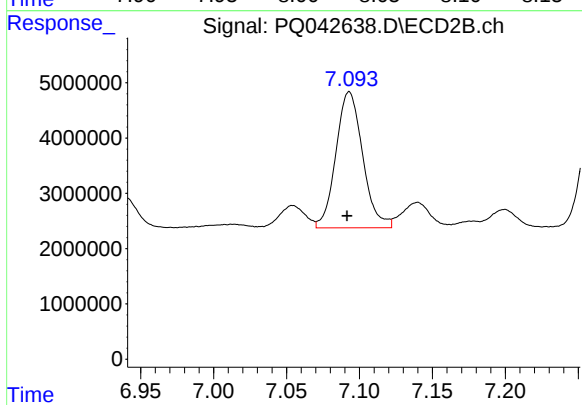
#25 AR-1248-5

R.T.: 7.140 min
Delta R.T.: 0.002 min
Response: 6217521
Conc: 39.50 ng/ml



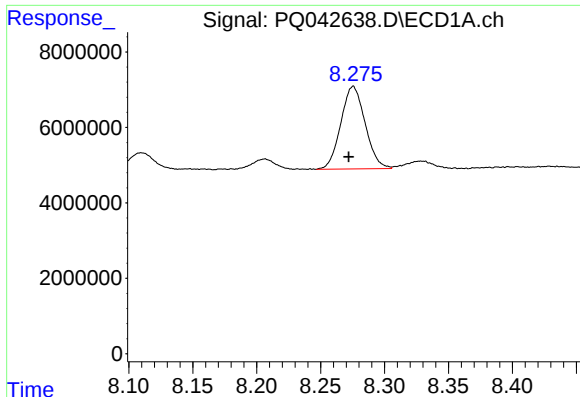
#26 AR-1254-1

R.T.: 8.038 min
Delta R.T.: 0.005 min
Response: 26249382
Conc: 178.90 ng/ml



#26 AR-1254-1

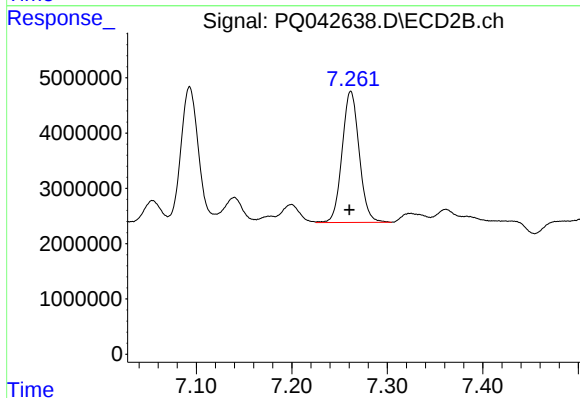
R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 31469074
Conc: 139.46 ng/ml



#27 AR-1254-2

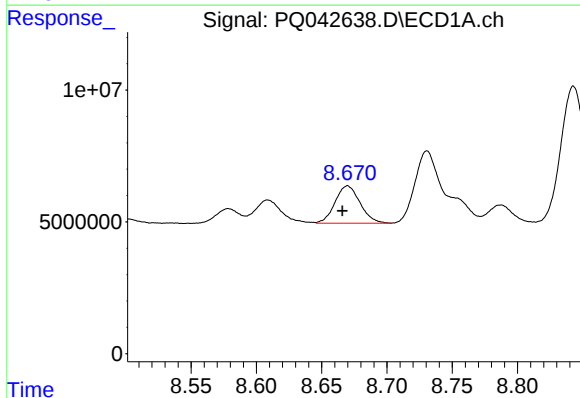
R.T.: 8.276 min
Delta R.T.: 0.004 min
Response: 29022665
Conc: 120.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



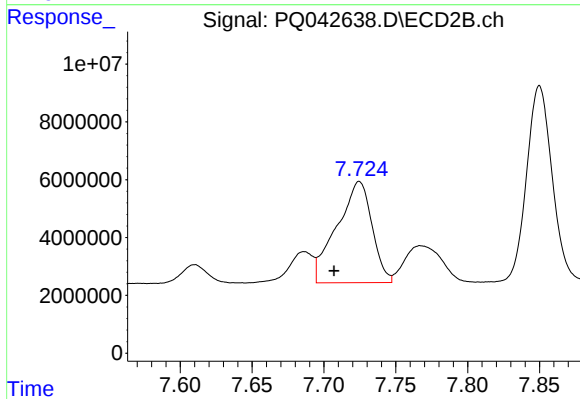
#27 AR-1254-2

R.T.: 7.262 min
Delta R.T.: 0.002 min
Response: 29528981
Conc: 146.03 ng/ml



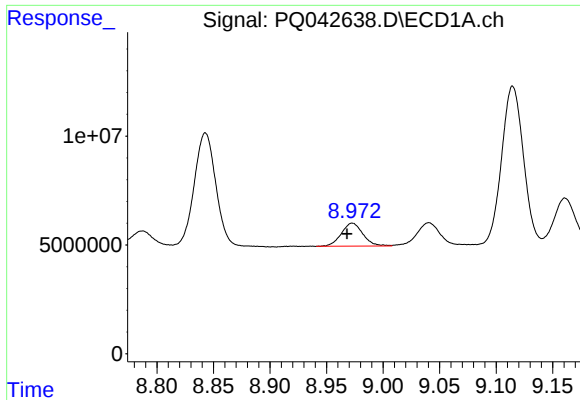
#28 AR-1254-3

R.T.: 8.670 min
Delta R.T.: 0.004 min
Response: 18966000
Conc: 66.53 ng/ml



#28 AR-1254-3

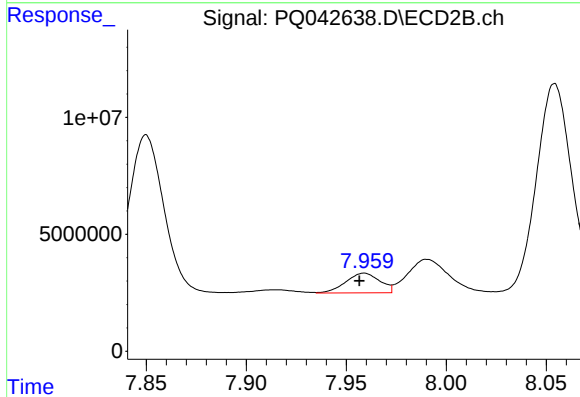
R.T.: 7.725 min
Delta R.T.: 0.018 min
Response: 59548876
Conc: 169.10 ng/ml



#29 AR-1254-4

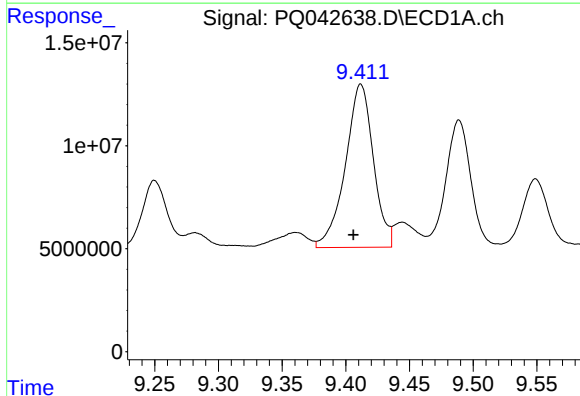
R.T.: 8.973 min
Delta R.T.: 0.005 min
Response: 14089366
Conc: 59.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



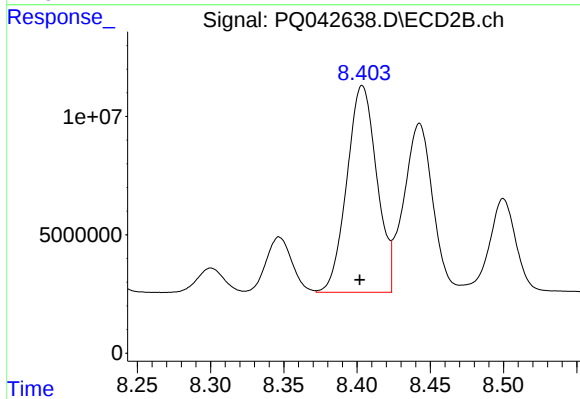
#29 AR-1254-4

R.T.: 7.959 min
Delta R.T.: 0.002 min
Response: 9961325
Conc: 38.82 ng/ml



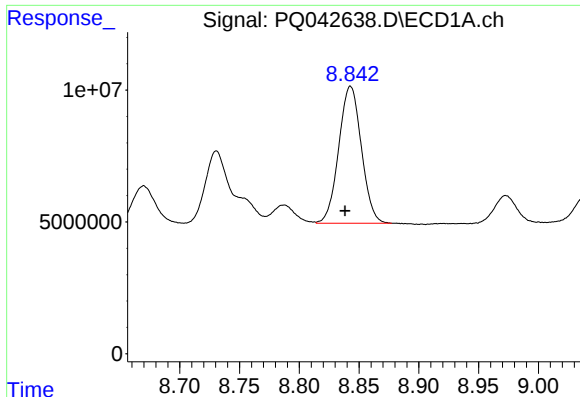
#30 AR-1254-5

R.T.: 9.412 min
Delta R.T.: 0.006 min
Response: 121296483
Conc: 469.78 ng/ml



#30 AR-1254-5

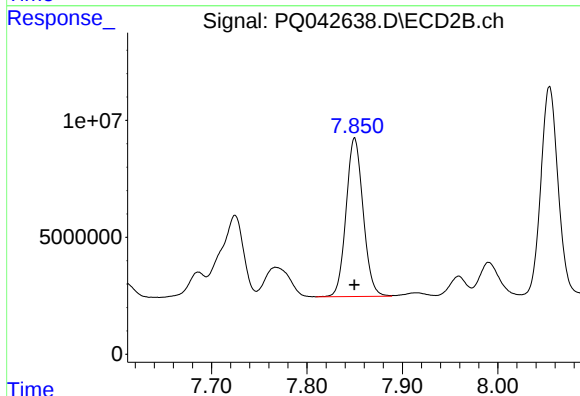
R.T.: 8.404 min
Delta R.T.: 0.002 min
Response: 124229715
Conc: 341.88 ng/ml



#31 AR-1260-1

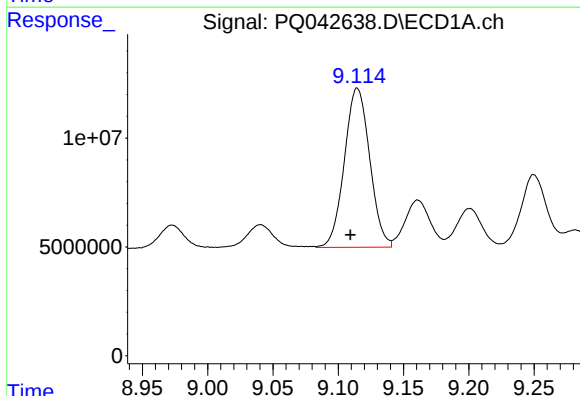
R.T.: 8.843 min
Delta R.T.: 0.005 min
Response: 68612570
Conc: 389.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



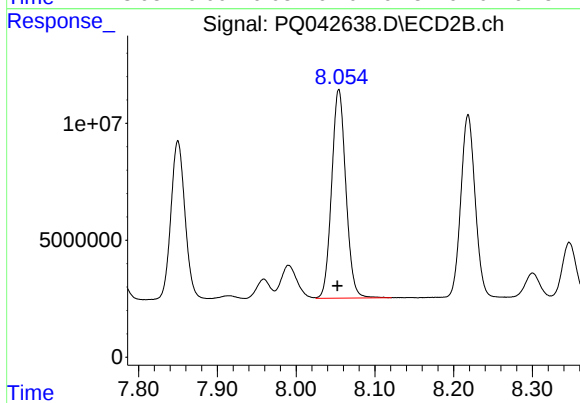
#31 AR-1260-1

R.T.: 7.850 min
Delta R.T.: 0.000 min
Response: 84302758
Conc: 413.19 ng/ml



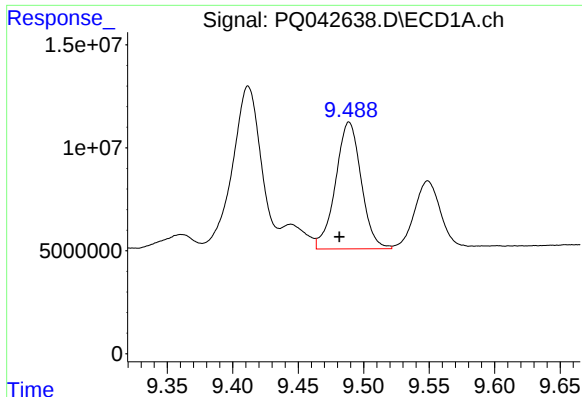
#32 AR-1260-2

R.T.: 9.115 min
Delta R.T.: 0.005 min
Response: 98691402
Conc: 410.60 ng/ml



#32 AR-1260-2

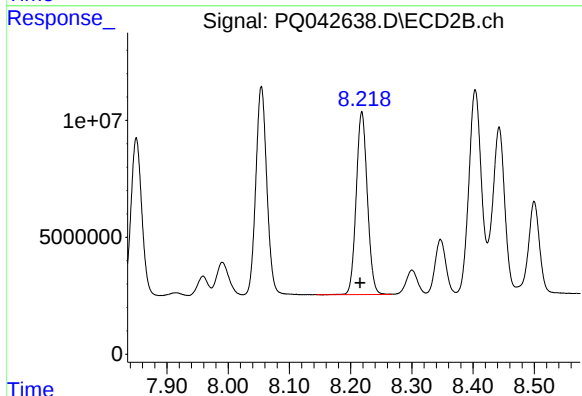
R.T.: 8.054 min
Delta R.T.: 0.002 min
Response: 111945599
Conc: 417.90 ng/ml



#33 AR-1260-3

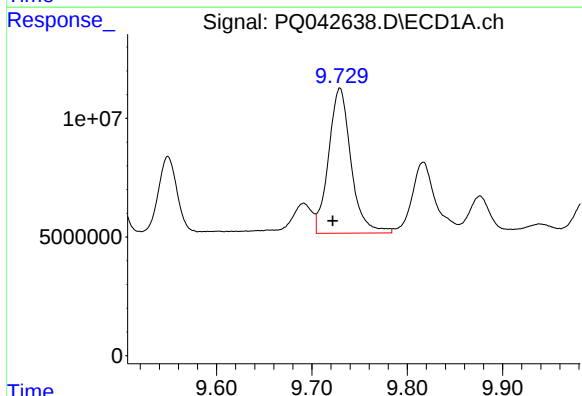
R.T.: 9.489 min
Delta R.T.: 0.007 min
Response: 84077137
Conc: 388.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



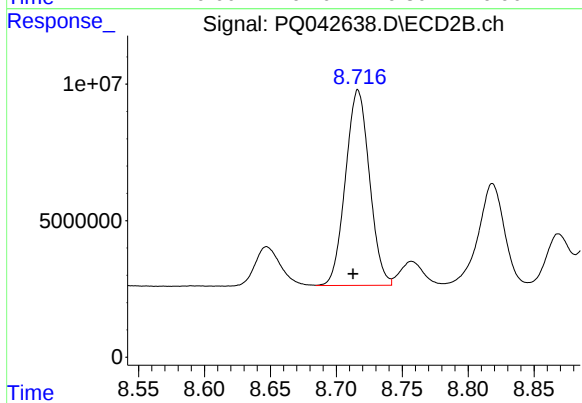
#33 AR-1260-3

R.T.: 8.218 min
Delta R.T.: 0.003 min
Response: 98942052
Conc: 415.09 ng/ml



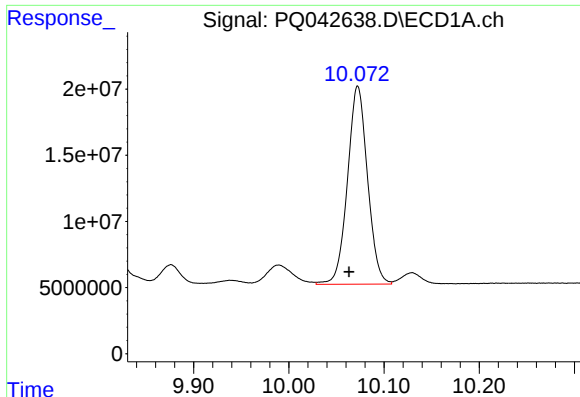
#34 AR-1260-4

R.T.: 9.729 min
Delta R.T.: 0.008 min
Response: 99789501
Conc: 410.95 ng/ml



#34 AR-1260-4

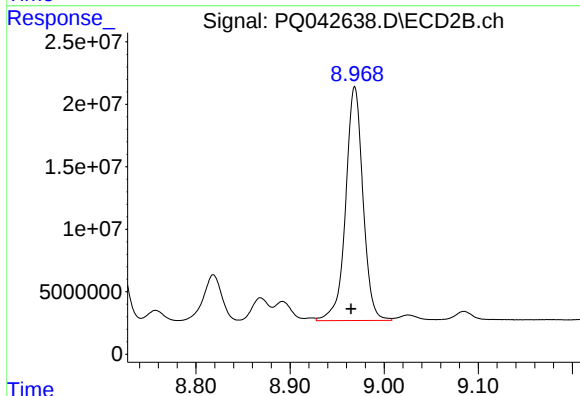
R.T.: 8.716 min
Delta R.T.: 0.004 min
Response: 90736191
Conc: 400.23 ng/ml



#35 AR-1260-5

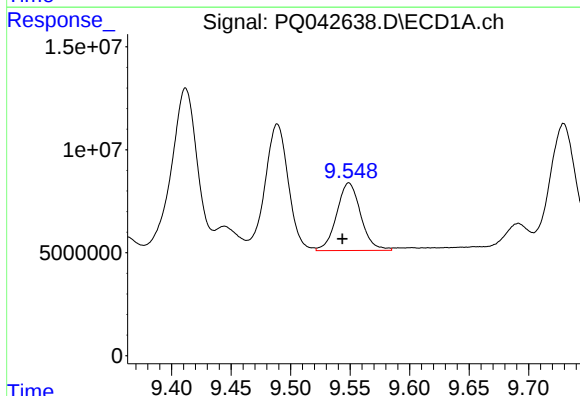
R.T.: 10.072 min
Delta R.T.: 0.009 min
Response: 218844429
Conc: 368.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



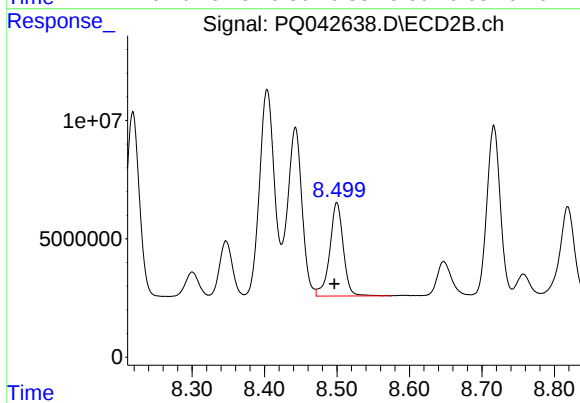
#35 AR-1260-5

R.T.: 8.969 min
Delta R.T.: 0.004 min
Response: 239181312
Conc: 384.05 ng/ml



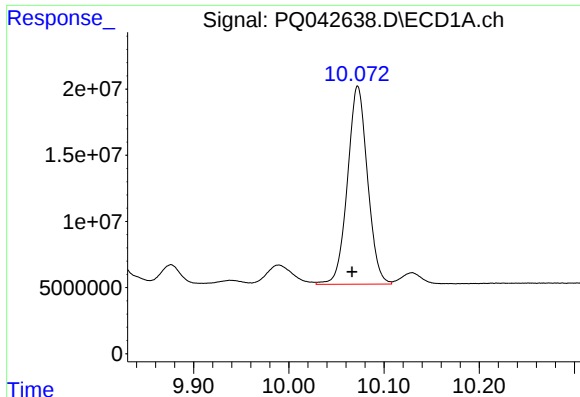
#36 AR-1262-1

R.T.: 9.549 min
Delta R.T.: 0.005 min
Response: 46313521
Conc: 321.32 ng/ml



#36 AR-1262-1

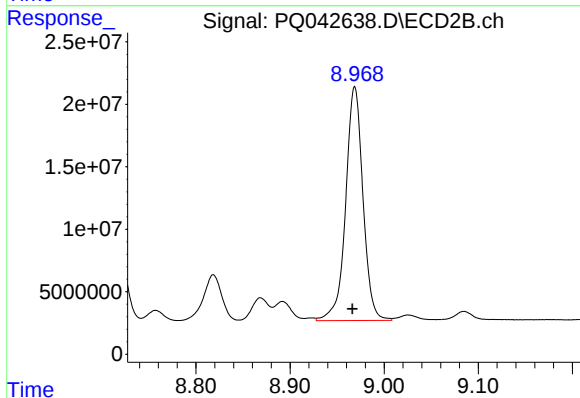
R.T.: 8.500 min
Delta R.T.: 0.003 min
Response: 50966552
Conc: 297.73 ng/ml



#37 AR-1262-2

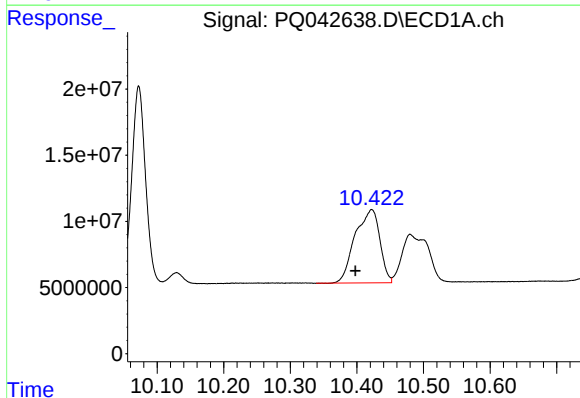
R.T.: 10.072 min
Delta R.T.: 0.006 min
Response: 218844429
Conc: 290.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



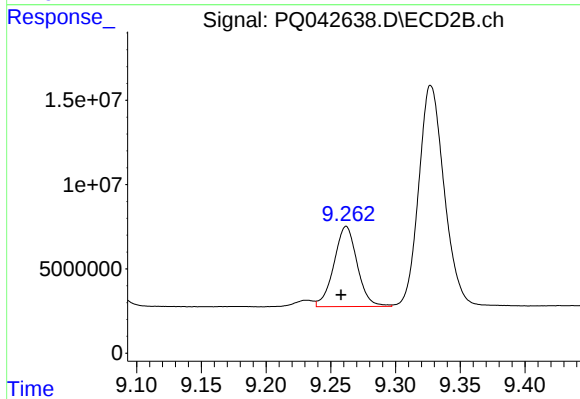
#37 AR-1262-2

R.T.: 8.969 min
Delta R.T.: 0.003 min
Response: 239181312
Conc: 286.31 ng/ml



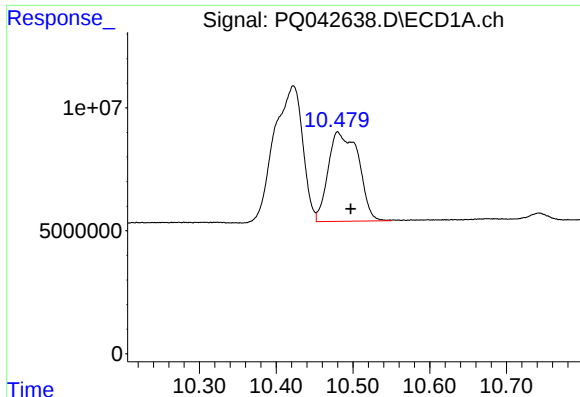
#38 AR-1262-3

R.T.: 10.422 min
Delta R.T.: 0.024 min
Response: 142911727
Conc: 265.73 ng/ml



#38 AR-1262-3

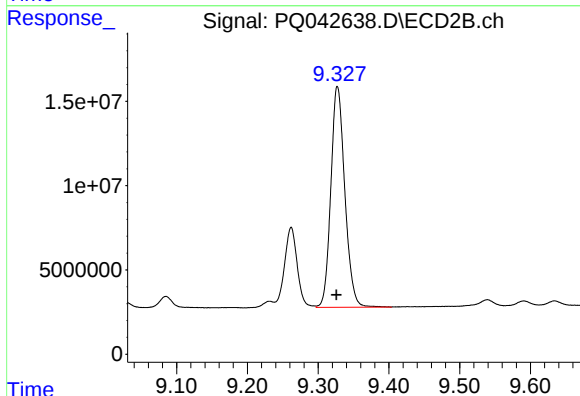
R.T.: 9.262 min
Delta R.T.: 0.004 min
Response: 59581569
Conc: 167.63 ng/ml



#39 AR-1262-4

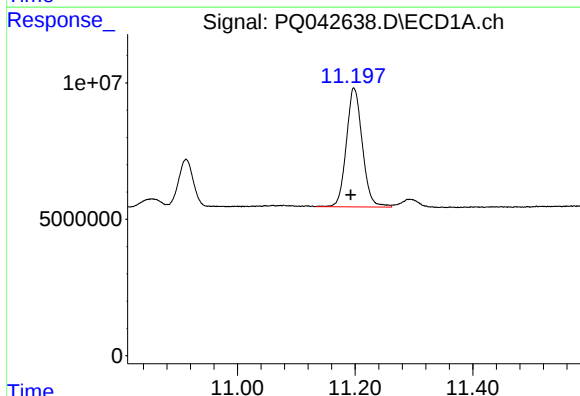
R.T.: 10.480 min
Delta R.T.: -0.017 min
Response: 99858718
Conc: 229.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



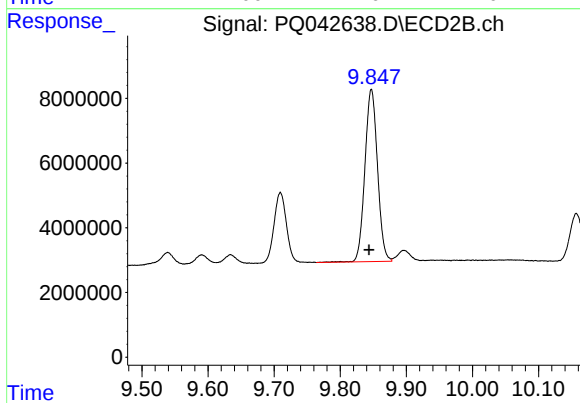
#39 AR-1262-4

R.T.: 9.327 min
Delta R.T.: 0.002 min
Response: 179762893
Conc: 278.78 ng/ml



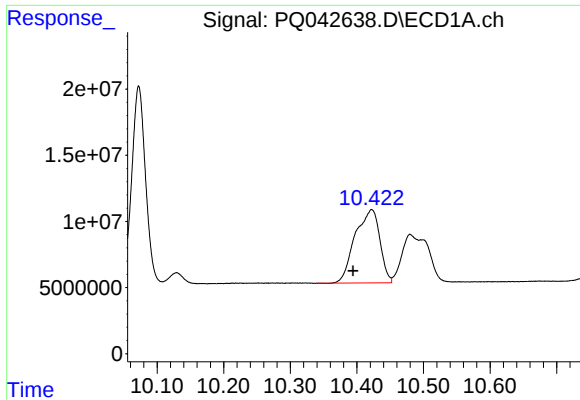
#40 AR-1262-5

R.T.: 11.198 min
Delta R.T.: 0.005 min
Response: 82008397
Conc: 239.09 ng/ml



#40 AR-1262-5

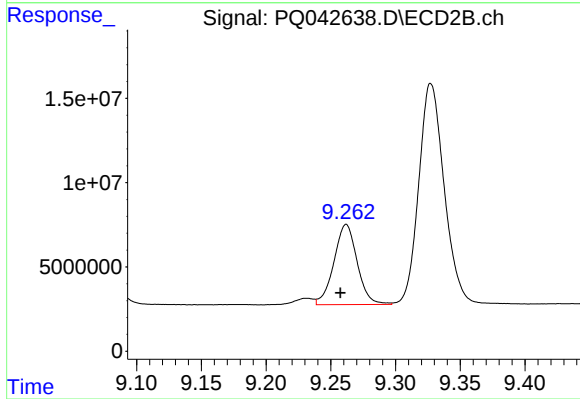
R.T.: 9.847 min
Delta R.T.: 0.003 min
Response: 70414998
Conc: 222.59 ng/ml



#41 AR-1268-1

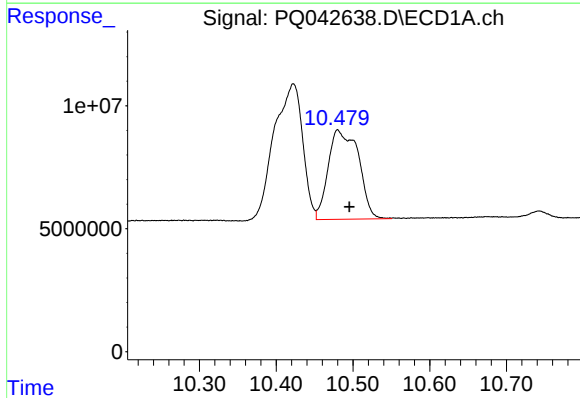
R.T.: 10.422 min
Delta R.T.: 0.028 min
Response: 142911727
Conc: 149.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



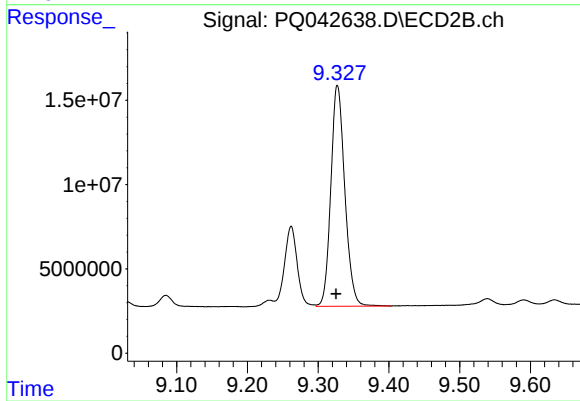
#41 AR-1268-1

R.T.: 9.262 min
Delta R.T.: 0.004 min
Response: 59581569
Conc: 59.35 ng/ml



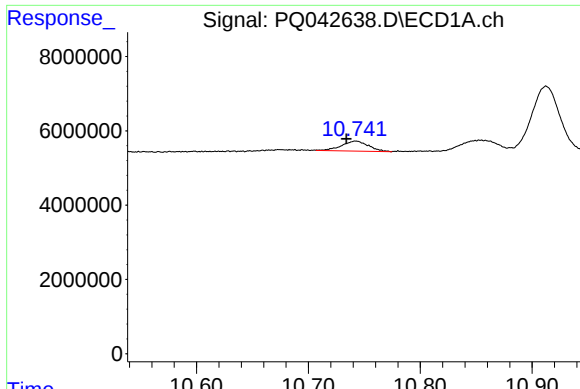
#42 AR-1268-2

R.T.: 10.480 min
Delta R.T.: -0.015 min
Response: 99858718
Conc: 107.22 ng/ml



#42 AR-1268-2

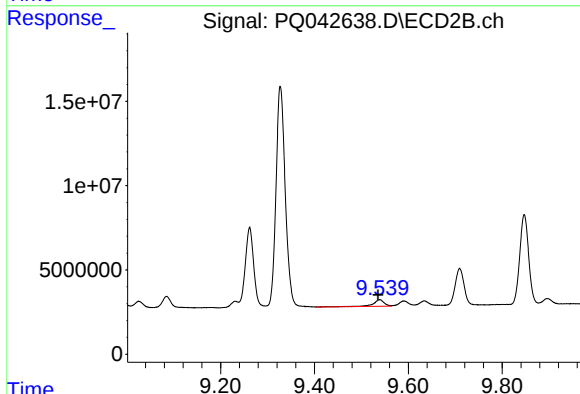
R.T.: 9.327 min
Delta R.T.: 0.002 min
Response: 179762893
Conc: 191.44 ng/ml



#43 AR-1268-3

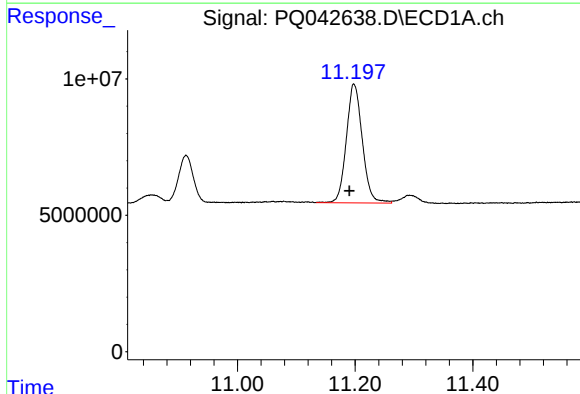
R.T.: 10.743 min
Delta R.T.: 0.009 min
Response: 4471000
Conc: 5.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



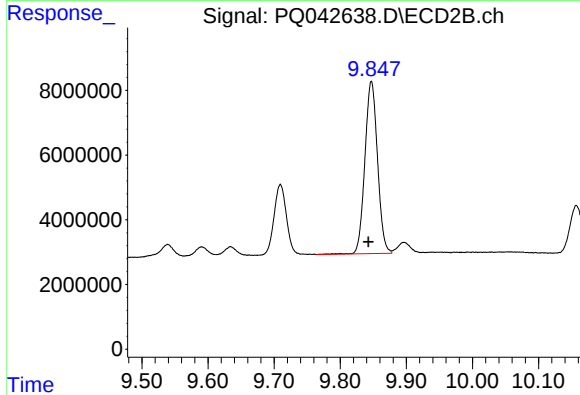
#43 AR-1268-3

R.T.: 9.539 min
Delta R.T.: 0.004 min
Response: 6288223
Conc: 7.89 ng/ml



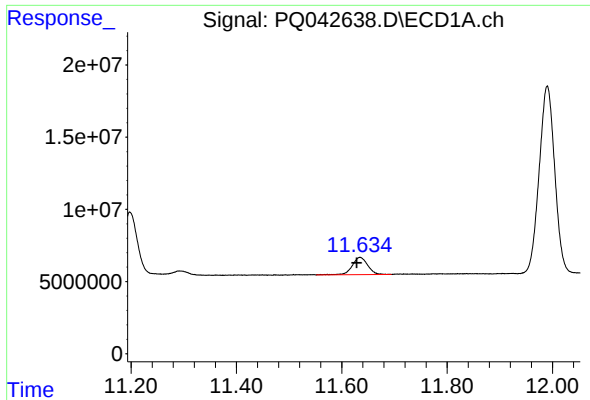
#44 AR-1268-4

R.T.: 11.198 min
Delta R.T.: 0.007 min
Response: 82008397
Conc: 221.01 ng/ml



#44 AR-1268-4

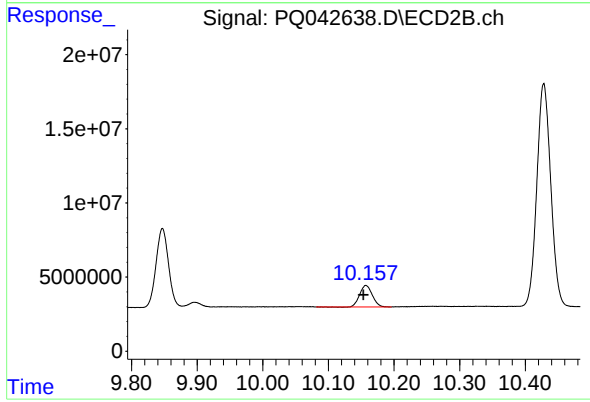
R.T.: 9.847 min
Delta R.T.: 0.005 min
Response: 70414998
Conc: 205.75 ng/ml



#45 AR-1268-5

R.T.: 11.635 min
Delta R.T.: 0.006 min
Response: 24570404
Conc: 8.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.157 min
Delta R.T.: 0.004 min
Response: 19296317
Conc: 7.53 ng/ml