

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 09:59
 Operator : SM\AJ
 Sample : AR1248CCC400
 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 22 10:54:45 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...	5.625	4.690	71118252	64575089	23.959	25.767
2)	SA Decachlor...	11.981	10.421	271.1E6	234.3E6	35.915	38.366
Target Compounds							
3)	L1 AR-1016-1	7.072	6.139	34838480	36035679	286.294	312.943
4)	L1 AR-1016-2	7.096	6.161	43080323	37378599	234.083	232.846
5)	L1 AR-1016-3	7.167	6.375	20937215	23769264	168.383	277.218 #
6)	L1 AR-1016-4	7.280	6.428	22922457	43440484	259.410	601.593 #
7)	L1 AR-1016-5	7.614	6.680	55099067	59014855	651.522	658.898
9)	L2 AR-1221-2	6.021	5.110	558627	1555167	22.929	64.623 #
10)	L2 AR-1221-3	6.111	5.215	3964208	4096224	46.167	49.596
11)	L3 AR-1232-1	6.111	5.215	3964208	4096224	57.152	60.805
12)	L3 AR-1232-2	6.754	6.161	14325780	37378599	389.202	489.313 #
13)	L3 AR-1232-3	7.096	6.375	43080323	23769264	515.338	585.801
14)	L3 AR-1232-4	7.280	6.477	22922457	48471380	562.196	1218.413 #
15)	L3 AR-1232-5	7.385	6.680	43788651	59014855	1790.287	1488.200
16)	L4 AR-1242-1	7.072	6.139	34838480	36035679	333.827	348.845
17)	L4 AR-1242-2	7.096	6.161	43080323	37378599	282.819	263.770
18)	L4 AR-1242-3	7.167	6.375	20937215	23769264	205.439	314.064 #
19)	L4 AR-1242-4	7.280	6.477	22922457	48471380	298.039	632.994 #
20)	L4 AR-1242-5	8.103	7.089	66353474	101.6E6	703.234	906.392 #
21)	L5 AR-1248-1	7.072	6.139	34838480	36035679	417.846	438.387
22)	L5 AR-1248-2	7.385	6.428	43788651	43440484	428.752	394.327
23)	L5 AR-1248-3	7.614	6.477	55099067	48471380	434.197	430.108
24)	L5 AR-1248-4	8.062	6.680	69835702	59014855	421.271	431.975
25)	L5 AR-1248-5	8.103	7.135	66353474	77662899	416.768	493.334
26)	L6 AR-1254-1	8.031	7.089	53578429	101.6E6	365.152	450.277
27)	L6 AR-1254-2	8.274	7.257	68564904	38370034	285.836	189.757 #
28)	L6 AR-1254-3	8.664	7.704	49529928	50657434	173.734	143.854
29)	L6 AR-1254-4	8.967	7.953	27465301	38161542	115.190	148.715 #
30)	L6 AR-1254-5	9.406	8.398	7230328	8270302	28.003	22.760
31)	L7 AR-1260-1	8.865	7.860	1797750	28371259	10.197	139.056 #
32)	L7 AR-1260-2	9.105	8.047	7107673	8927888	29.571	33.328
33)	L7 AR-1260-3	9.483	8.212	2983267	5650211	13.798	23.704 #
34)	L7 AR-1260-4	9.715	8.712	8011241	1805714	32.992	7.965 #
35)	L7 AR-1260-5	10.064	8.962	4612306	5708889	7.769	9.167
36)	L8 AR-1262-1	9.543	8.472	631534	474815	4.381	2.774 #
37)	L8 AR-1262-2	10.064	8.962	4612306	5708889	6.130	6.834
38)	L8 AR-1262-3	10.414	9.256	2479926	3977928	4.611	11.192 #
39)	L8 AR-1262-4	10.484	9.321	2156585	3176032	4.961	4.926
40)	L8 AR-1262-5	11.190	9.840	1569186	1594412	4.575	5.040
41)	L9 AR-1268-1	10.414	9.256	2479926	3977928	2.594	3.963 #
42)	L9 AR-1268-2	10.484	9.321	2156585	3176032	2.315	3.382 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 09:59
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

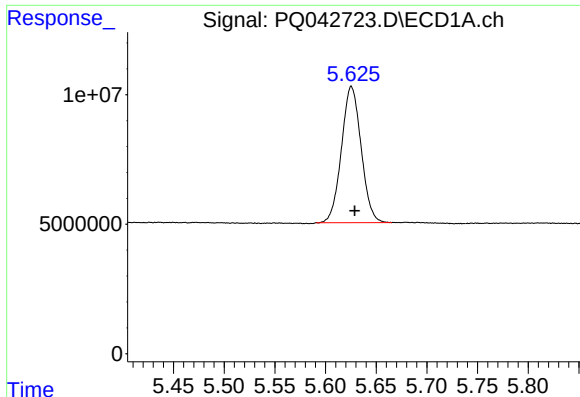
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 10:54:45 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
43) L9	AR-1268-3	10.733	9.531	1629409	3051130	2.011	3.831 #
44) L9	AR-1268-4	11.190	9.840	1569186	1594412	4.229	4.659
45) L9	AR-1268-5	11.628	10.151	2390435	2017370	0.845	0.787

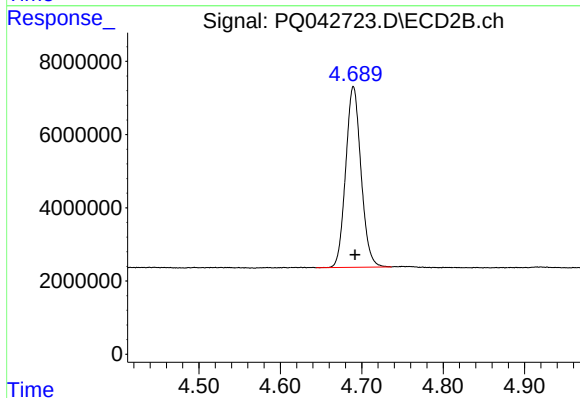
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

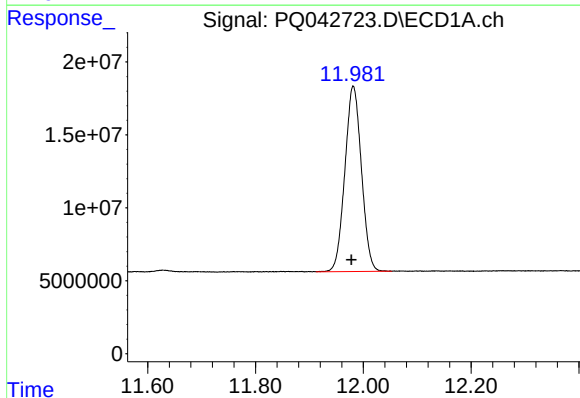
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 71118252
Conc: 23.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



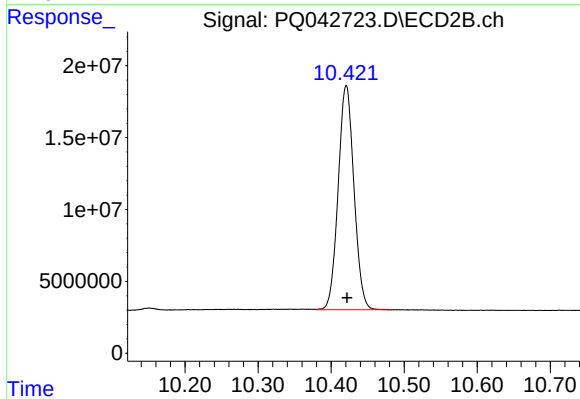
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 64575089
Conc: 25.77 ng/ml



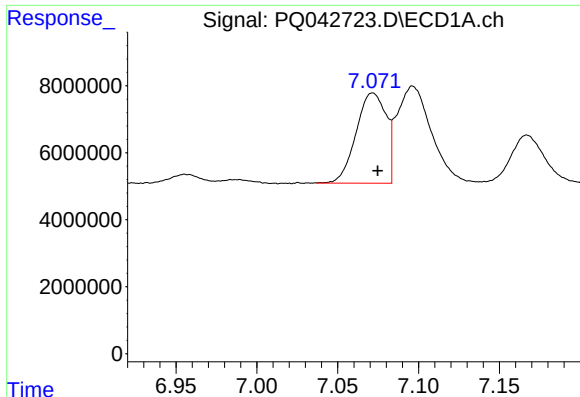
#2 Decachlorobiphenyl

R.T.: 11.981 min
Delta R.T.: 0.003 min
Response: 271111195
Conc: 35.91 ng/ml



#2 Decachlorobiphenyl

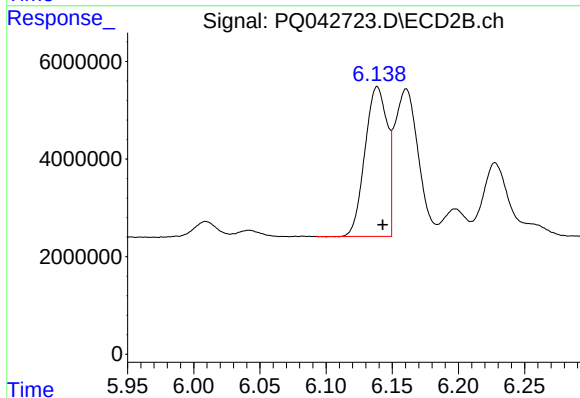
R.T.: 10.421 min
Delta R.T.: -0.001 min
Response: 234279949
Conc: 38.37 ng/ml



#3 AR-1016-1

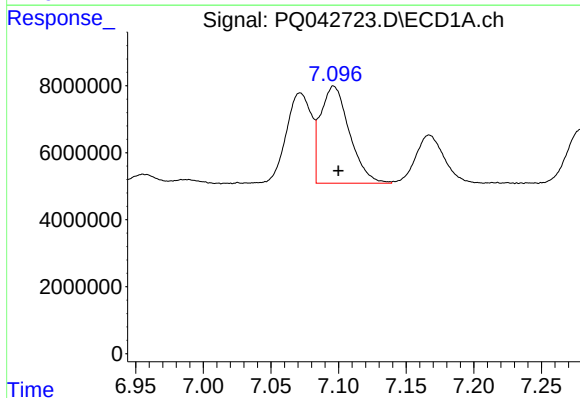
R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 34838480
Conc: 286.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



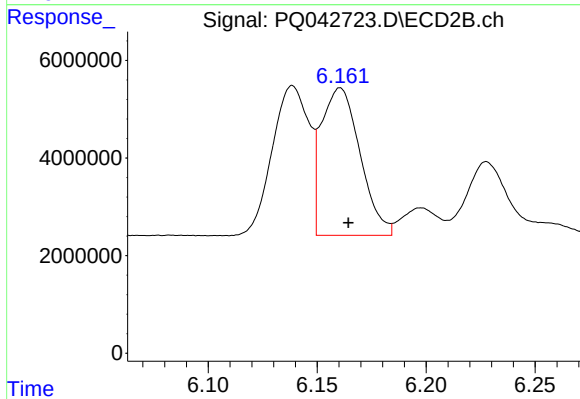
#3 AR-1016-1

R.T.: 6.139 min
Delta R.T.: -0.004 min
Response: 36035679
Conc: 312.94 ng/ml



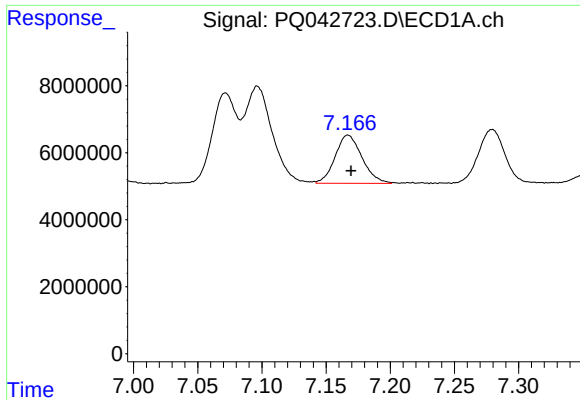
#4 AR-1016-2

R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 43080323
Conc: 234.08 ng/ml



#4 AR-1016-2

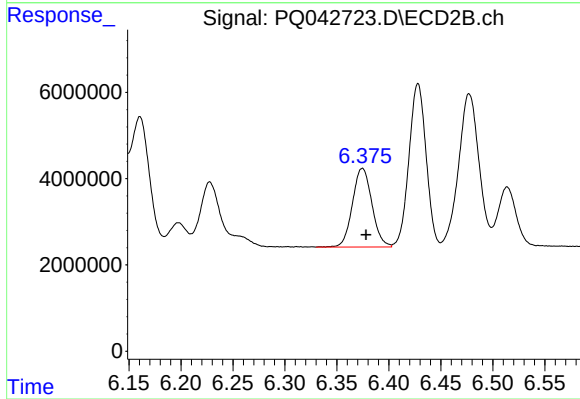
R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 37378599
Conc: 232.85 ng/ml



#5 AR-1016-3

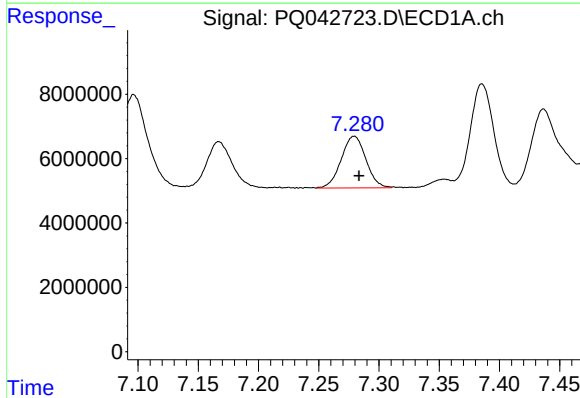
R.T.: 7.167 min
Delta R.T.: -0.003 min
Response: 20937215
Conc: 168.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



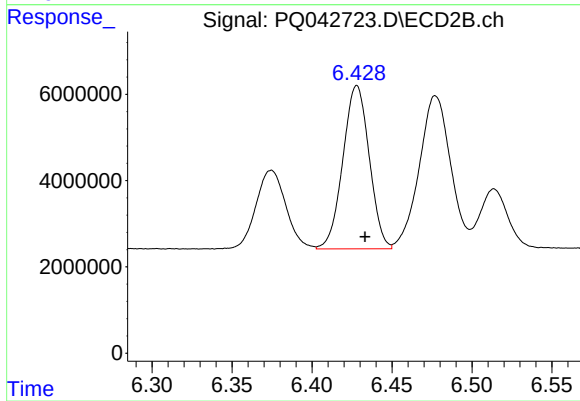
#5 AR-1016-3

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 23769264
Conc: 277.22 ng/ml



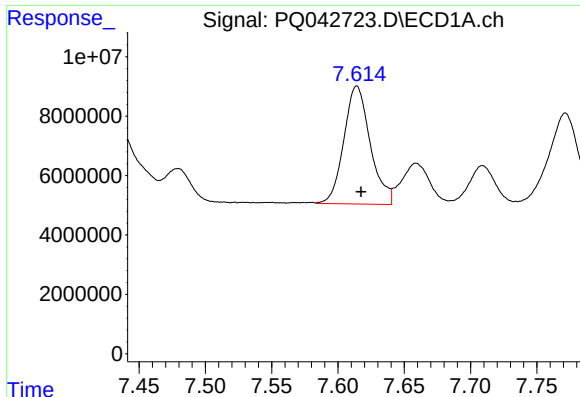
#6 AR-1016-4

R.T.: 7.280 min
Delta R.T.: -0.004 min
Response: 22922457
Conc: 259.41 ng/ml



#6 AR-1016-4

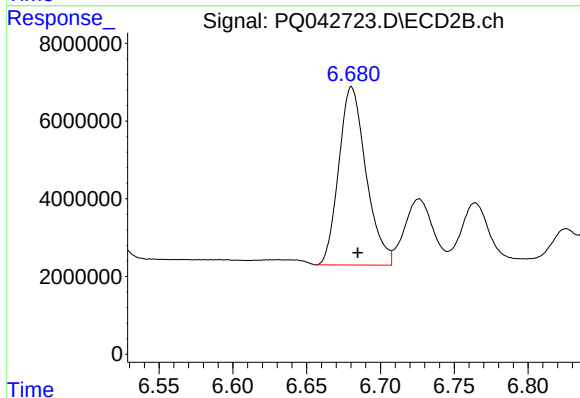
R.T.: 6.428 min
Delta R.T.: -0.005 min
Response: 43440484
Conc: 601.59 ng/ml



#7 AR-1016-5

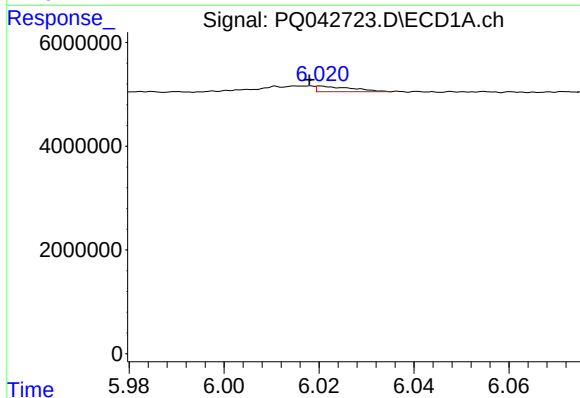
R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 55099067
Conc: 651.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



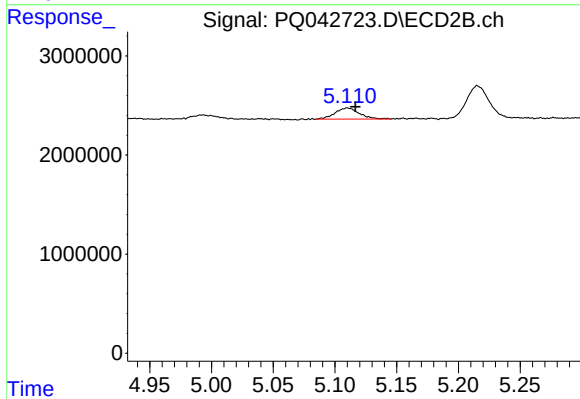
#7 AR-1016-5

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 59014855
Conc: 658.90 ng/ml



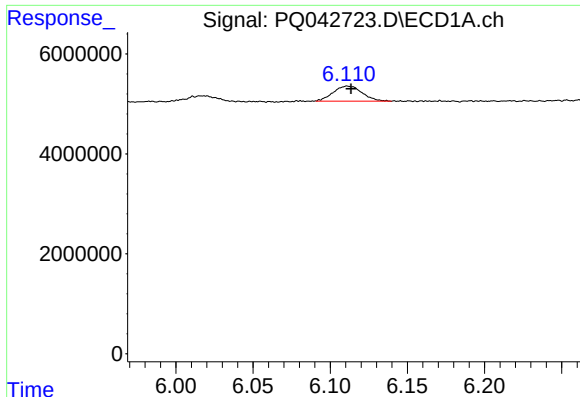
#9 AR-1221-2

R.T.: 6.021 min
Delta R.T.: 0.003 min
Response: 558627
Conc: 22.93 ng/ml



#9 AR-1221-2

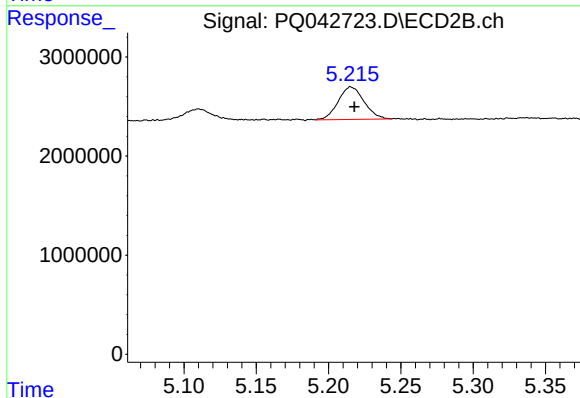
R.T.: 5.110 min
Delta R.T.: -0.006 min
Response: 1555167
Conc: 64.62 ng/ml



#10 AR-1221-3

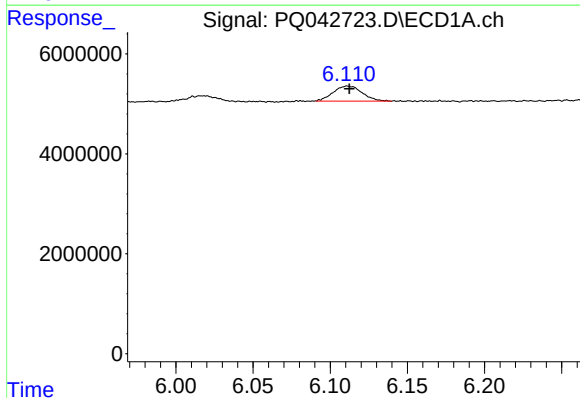
R.T.: 6.111 min
Delta R.T.: -0.003 min
Response: 3964208
Conc: 46.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



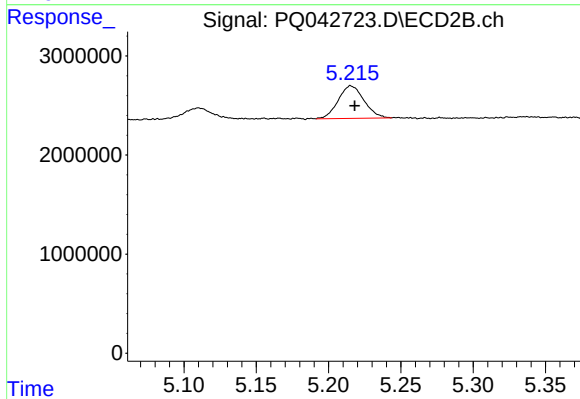
#10 AR-1221-3

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 4096224
Conc: 49.60 ng/ml



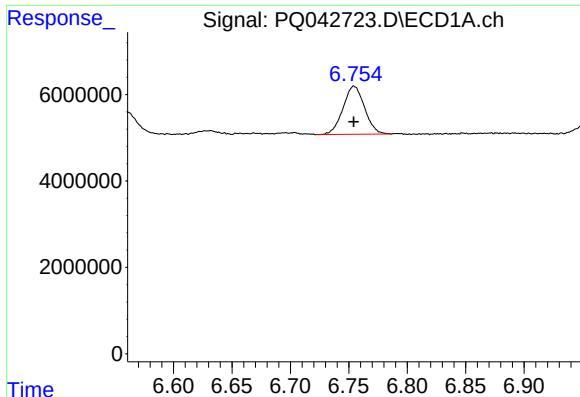
#11 AR-1232-1

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 3964208
Conc: 57.15 ng/ml



#11 AR-1232-1

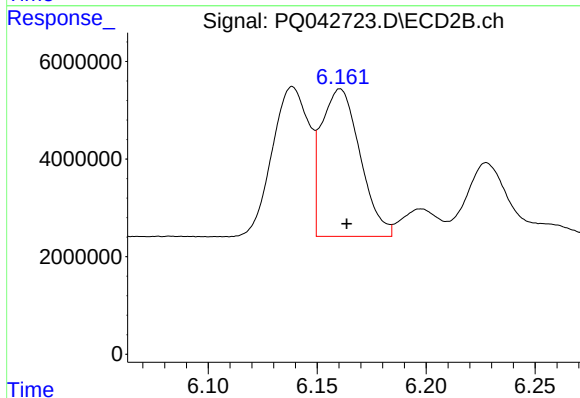
R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 4096224
Conc: 60.80 ng/ml



#12 AR-1232-2

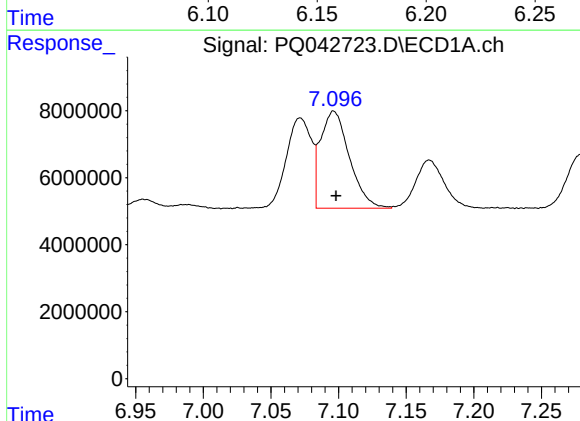
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 14325780
Conc: 389.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



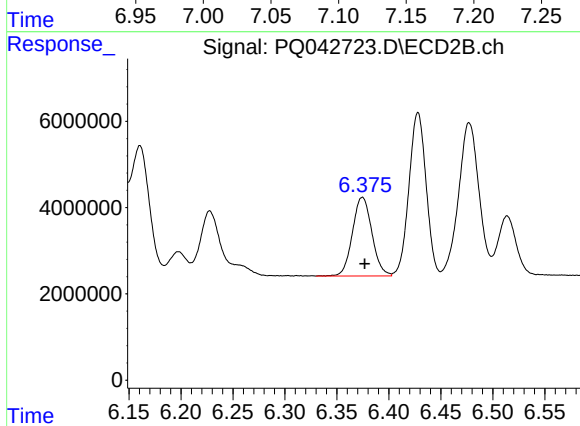
#12 AR-1232-2

R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 37378599
Conc: 489.31 ng/ml



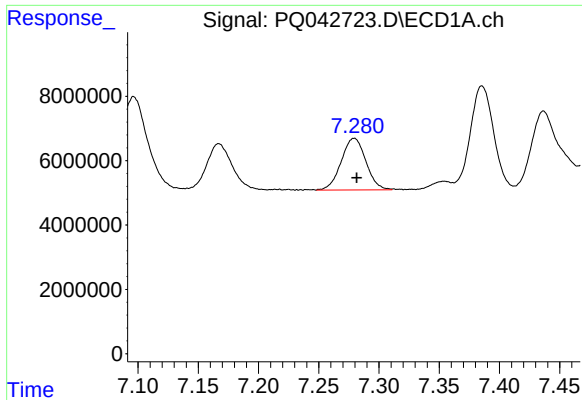
#13 AR-1232-3

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 43080323
Conc: 515.34 ng/ml



#13 AR-1232-3

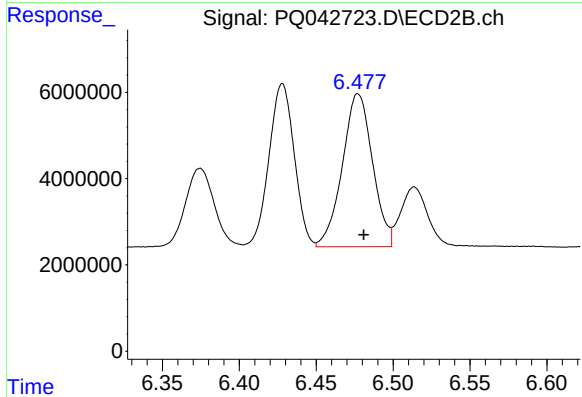
R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 23769264
Conc: 585.80 ng/ml



#14 AR-1232-4

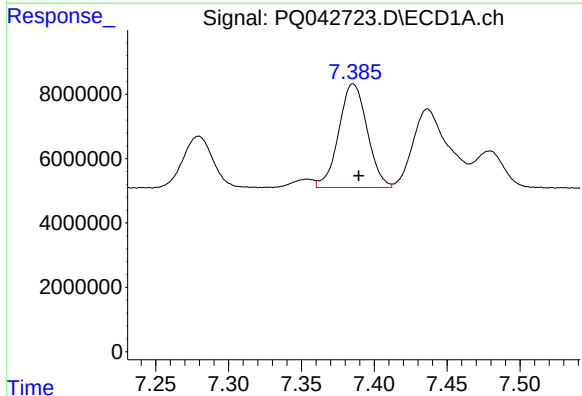
R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 22922457
Conc: 562.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



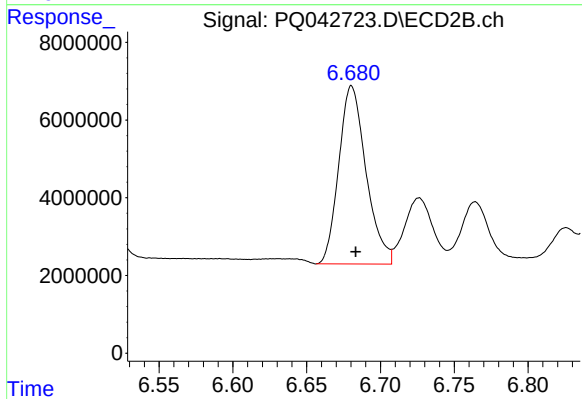
#14 AR-1232-4

R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 48471380
Conc: 1218.41 ng/ml



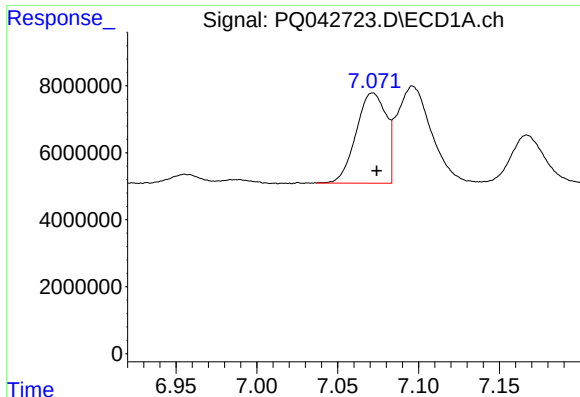
#15 AR-1232-5

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 43788651
Conc: 1790.29 ng/ml



#15 AR-1232-5

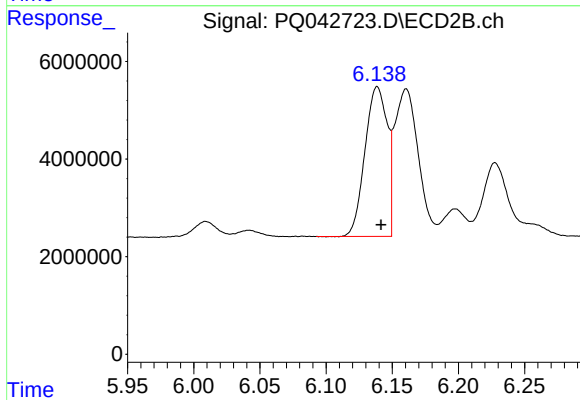
R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 59014855
Conc: 1488.20 ng/ml



#16 AR-1242-1

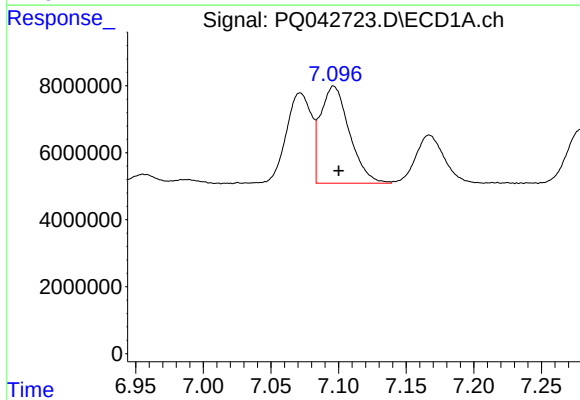
R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 34838480
Conc: 333.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



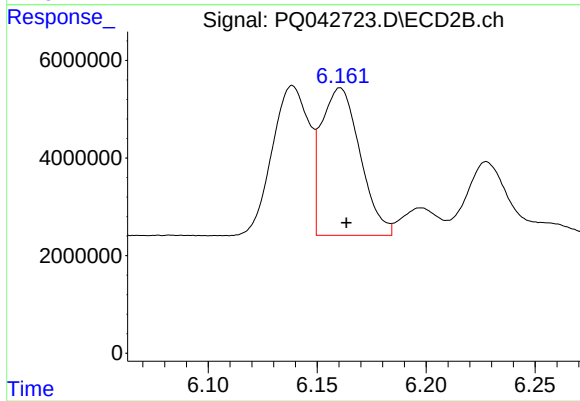
#16 AR-1242-1

R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 36035679
Conc: 348.84 ng/ml



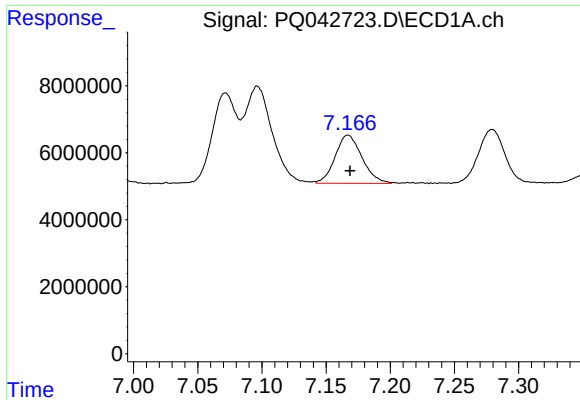
#17 AR-1242-2

R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 43080323
Conc: 282.82 ng/ml



#17 AR-1242-2

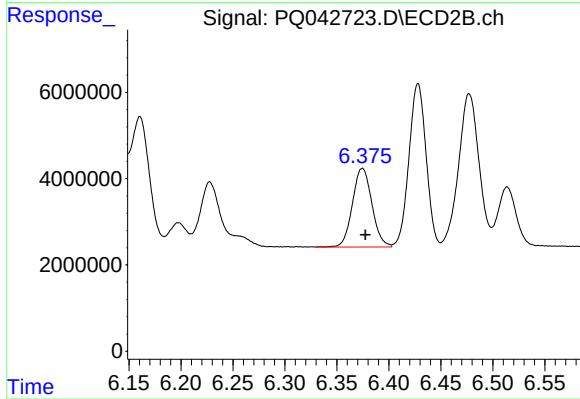
R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 37378599
Conc: 263.77 ng/ml



#18 AR-1242-3

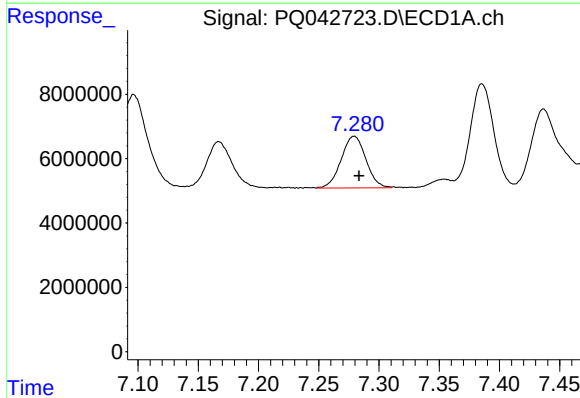
R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 20937215
Conc: 205.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



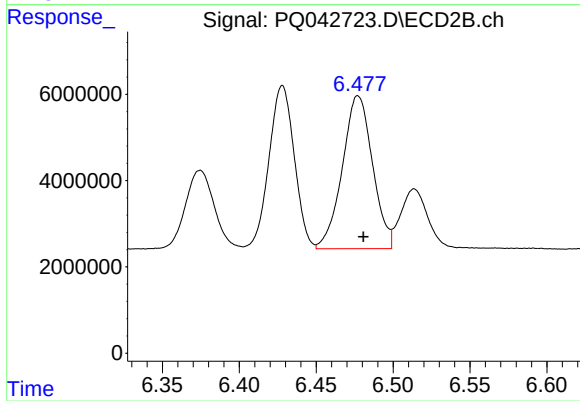
#18 AR-1242-3

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 23769264
Conc: 314.06 ng/ml



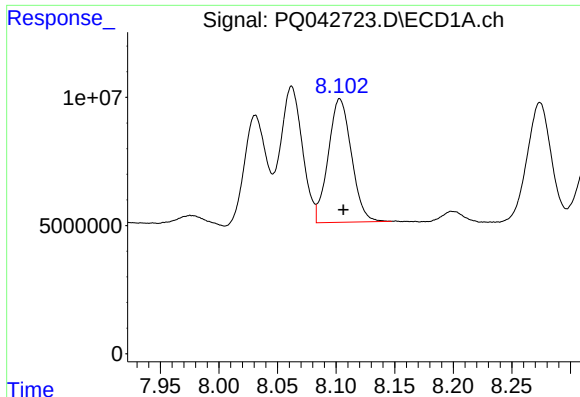
#19 AR-1242-4

R.T.: 7.280 min
Delta R.T.: -0.004 min
Response: 22922457
Conc: 298.04 ng/ml



#19 AR-1242-4

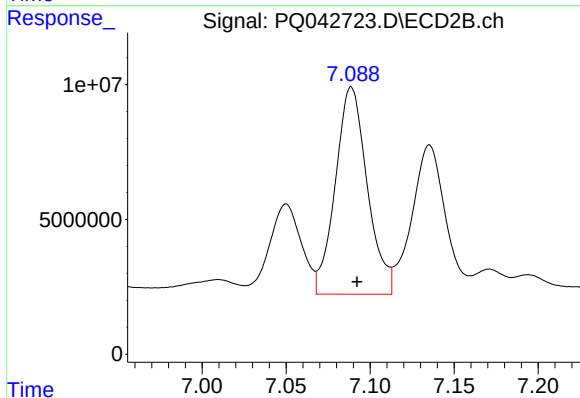
R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 48471380
Conc: 632.99 ng/ml



#20 AR-1242-5

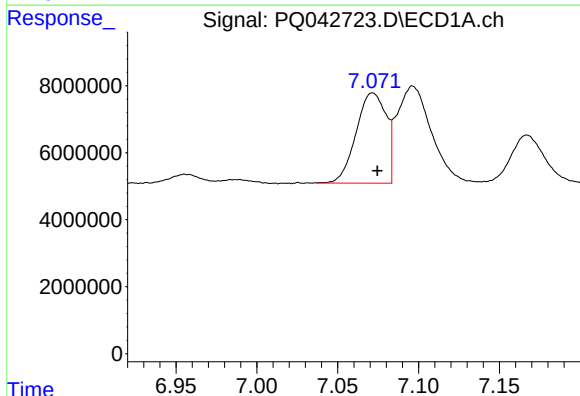
R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 66353474
Conc: 703.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



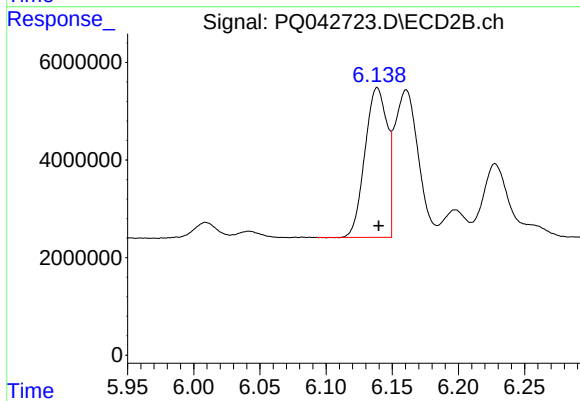
#20 AR-1242-5

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 101602916
Conc: 906.39 ng/ml



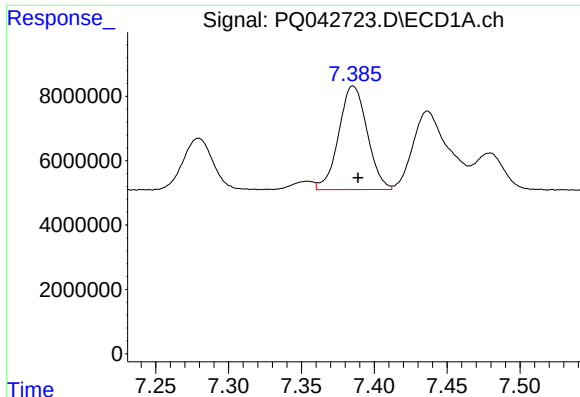
#21 AR-1248-1

R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 34838480
Conc: 417.85 ng/ml



#21 AR-1248-1

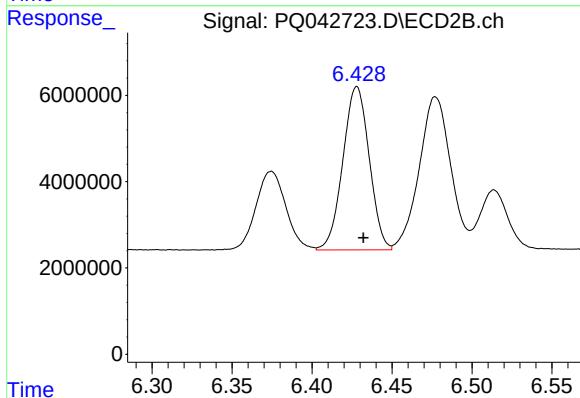
R.T.: 6.139 min
Delta R.T.: -0.001 min
Response: 36035679
Conc: 438.39 ng/ml



#22 AR-1248-2

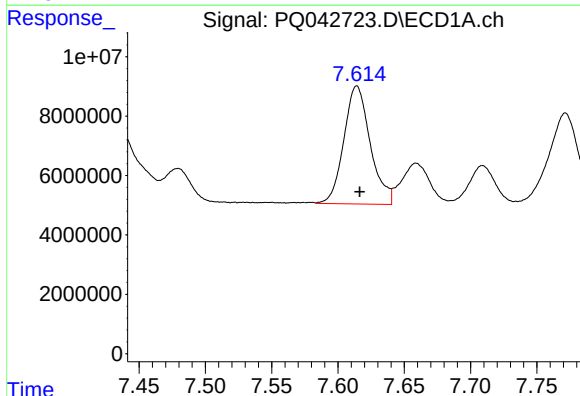
R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 43788651
Conc: 428.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



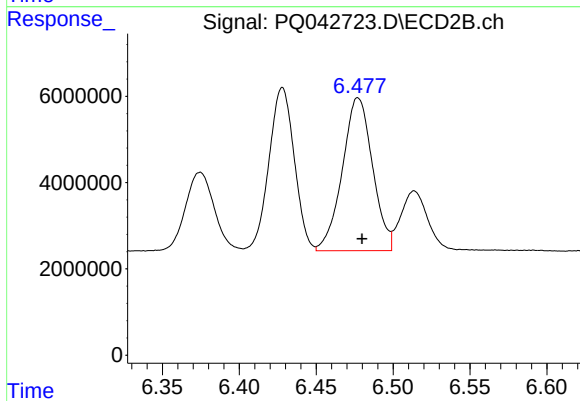
#22 AR-1248-2

R.T.: 6.428 min
Delta R.T.: -0.004 min
Response: 43440484
Conc: 394.33 ng/ml



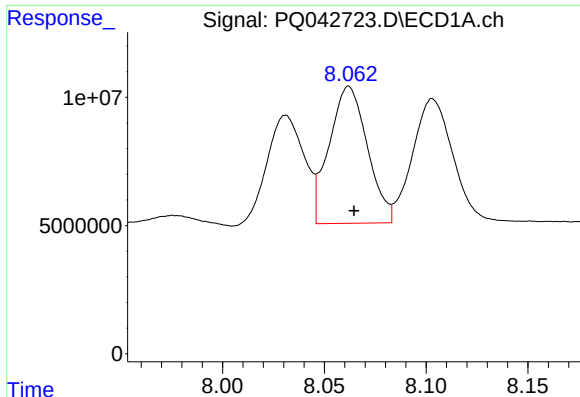
#23 AR-1248-3

R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 55099067
Conc: 434.20 ng/ml



#23 AR-1248-3

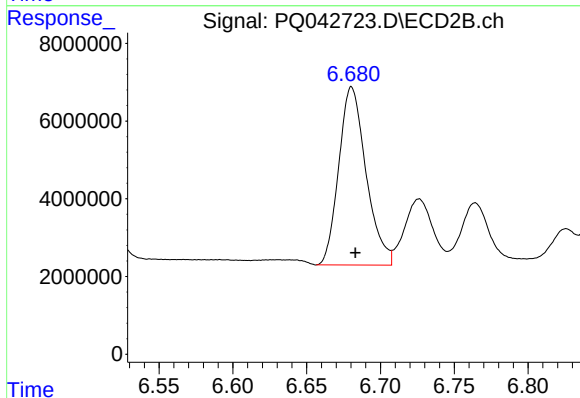
R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 48471380
Conc: 430.11 ng/ml



#24 AR-1248-4

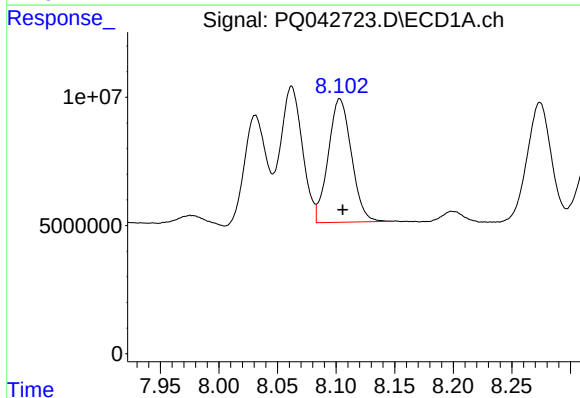
R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 69835702
Conc: 421.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



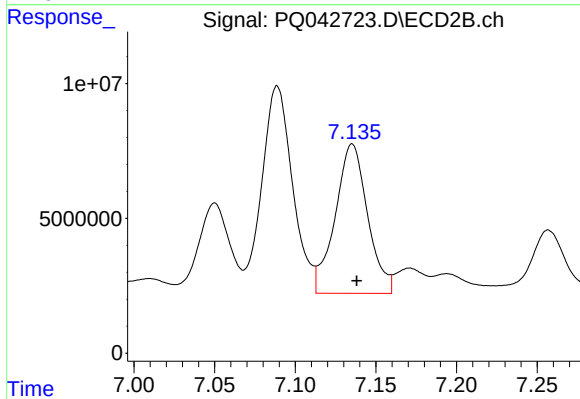
#24 AR-1248-4

R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 59014855
Conc: 431.98 ng/ml



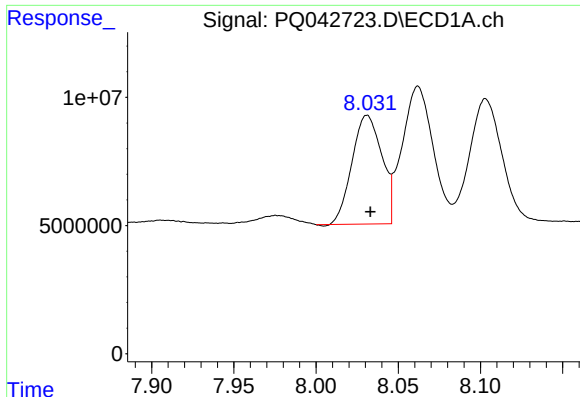
#25 AR-1248-5

R.T.: 8.103 min
Delta R.T.: -0.002 min
Response: 66353474
Conc: 416.77 ng/ml



#25 AR-1248-5

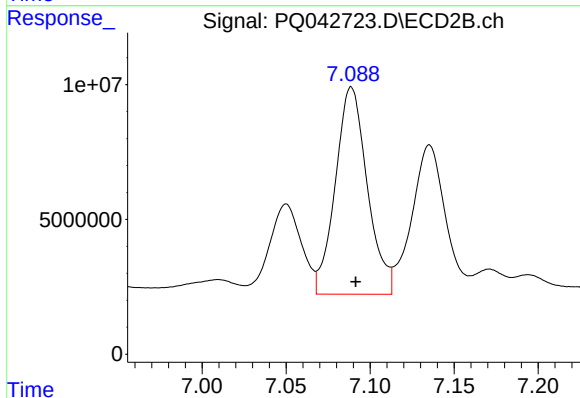
R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 77662899
Conc: 493.33 ng/ml



#26 AR-1254-1

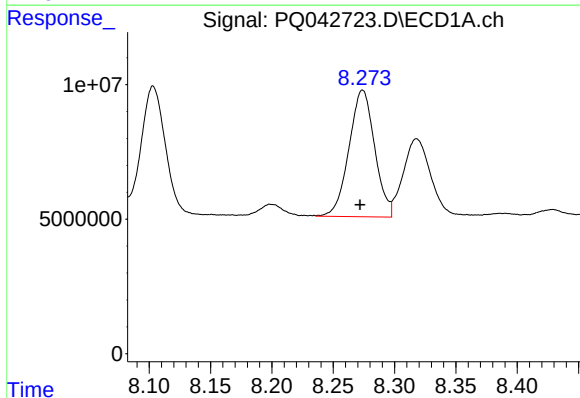
R.T.: 8.031 min
Delta R.T.: -0.002 min
Response: 53578429
Conc: 365.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



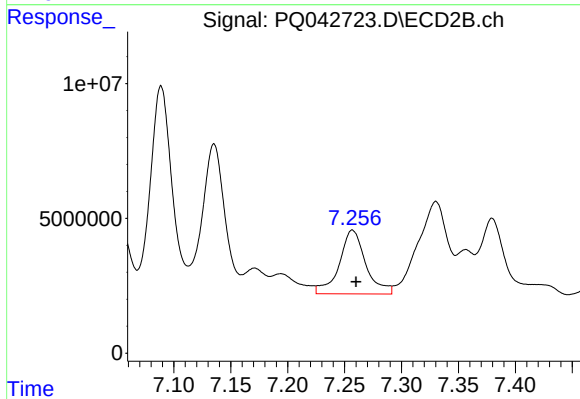
#26 AR-1254-1

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 101602916
Conc: 450.28 ng/ml



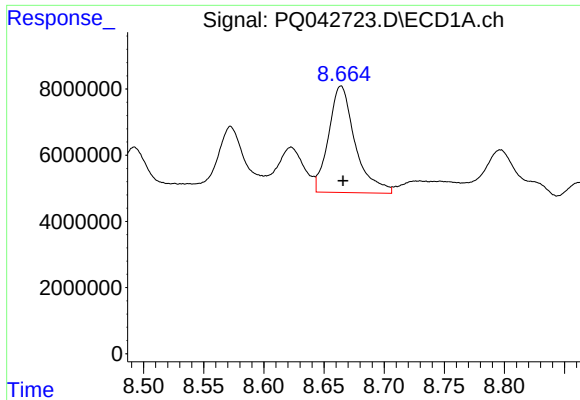
#27 AR-1254-2

R.T.: 8.274 min
Delta R.T.: 0.002 min
Response: 68564904
Conc: 285.84 ng/ml



#27 AR-1254-2

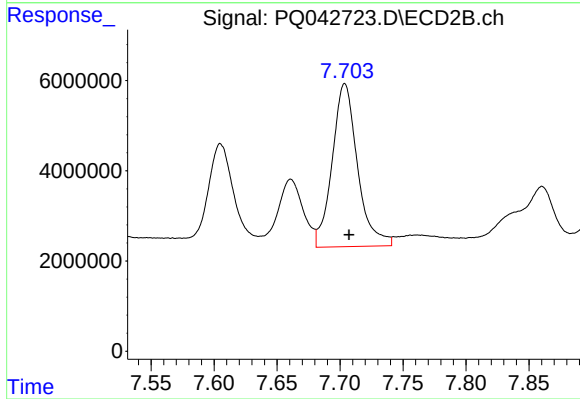
R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 38370034
Conc: 189.76 ng/ml



#28 AR-1254-3

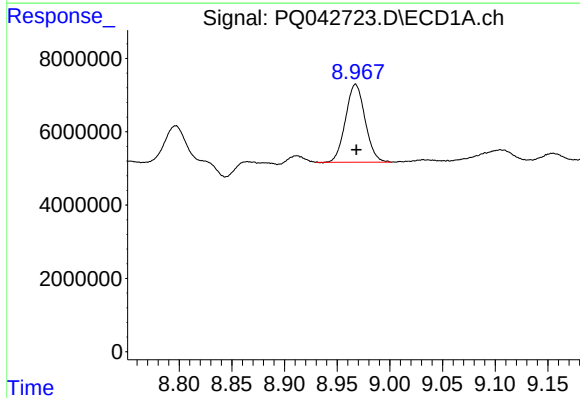
R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 49529928
Conc: 173.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



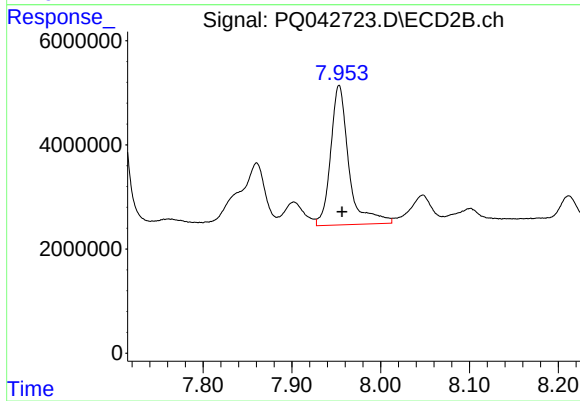
#28 AR-1254-3

R.T.: 7.704 min
Delta R.T.: -0.003 min
Response: 50657434
Conc: 143.85 ng/ml



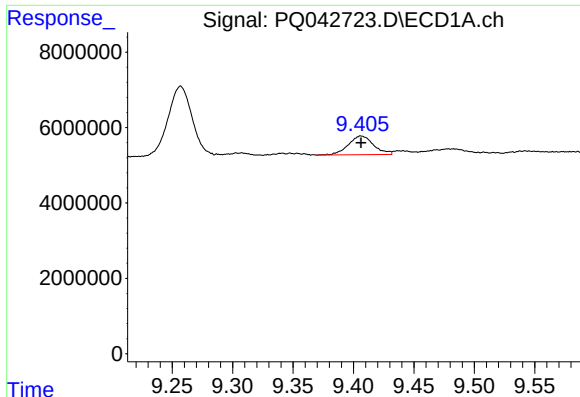
#29 AR-1254-4

R.T.: 8.967 min
Delta R.T.: 0.000 min
Response: 27465301
Conc: 115.19 ng/ml



#29 AR-1254-4

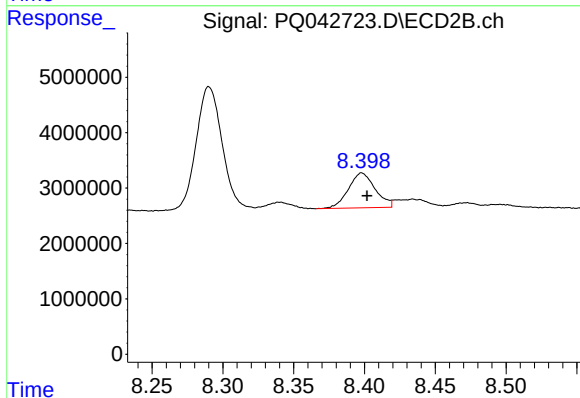
R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 38161542
Conc: 148.71 ng/ml



#30 AR-1254-5

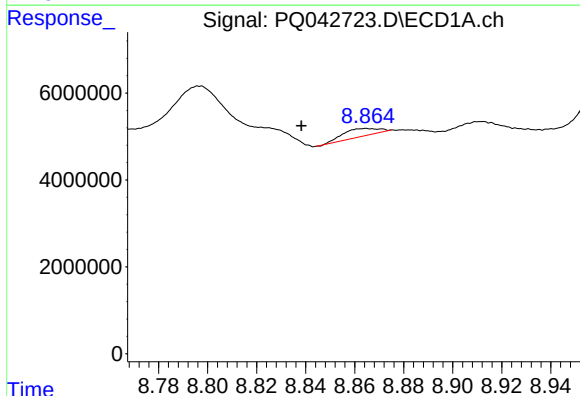
R.T.: 9.406 min
Delta R.T.: 0.000 min
Response: 7230328
Conc: 28.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



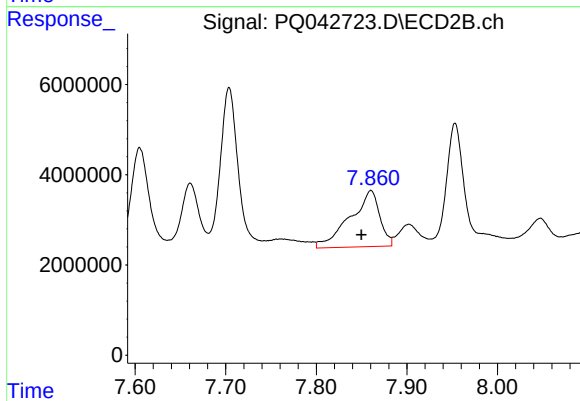
#30 AR-1254-5

R.T.: 8.398 min
Delta R.T.: -0.004 min
Response: 8270302
Conc: 22.76 ng/ml



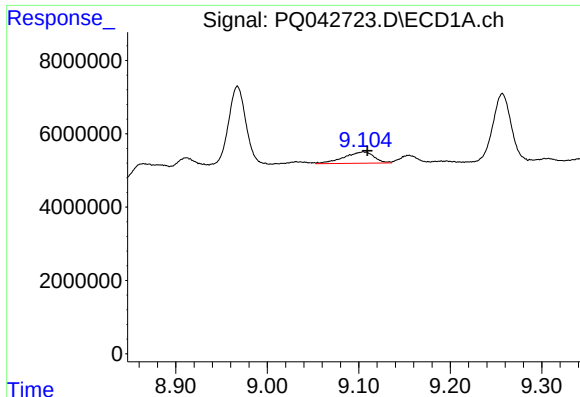
#31 AR-1260-1

R.T.: 8.865 min
Delta R.T.: 0.027 min
Response: 1797750
Conc: 10.20 ng/ml



#31 AR-1260-1

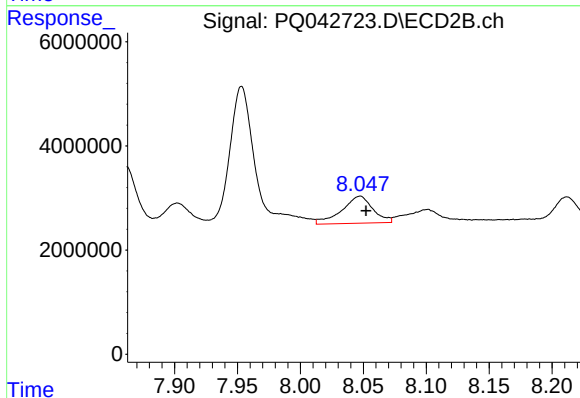
R.T.: 7.860 min
Delta R.T.: 0.011 min
Response: 28371259
Conc: 139.06 ng/ml



#32 AR-1260-2

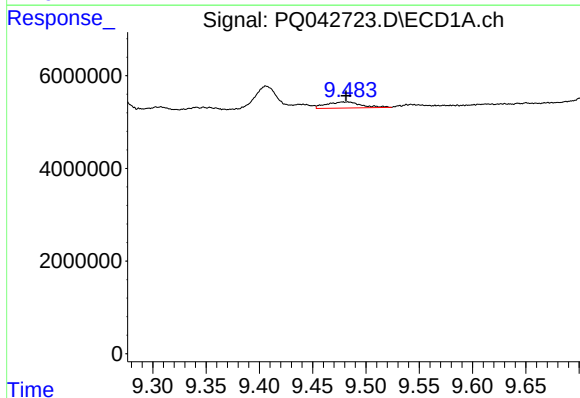
R.T.: 9.105 min
Delta R.T.: -0.004 min
Response: 7107673
Conc: 29.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



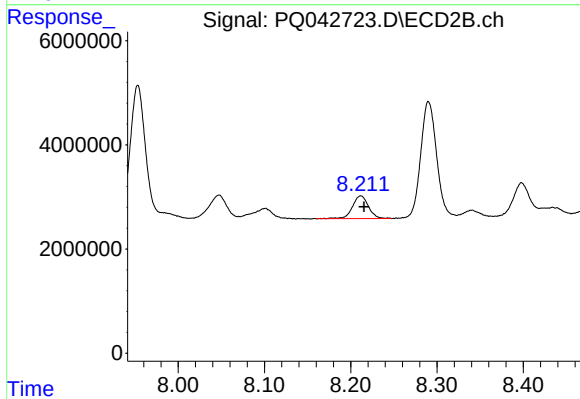
#32 AR-1260-2

R.T.: 8.047 min
Delta R.T.: -0.005 min
Response: 8927888
Conc: 33.33 ng/ml



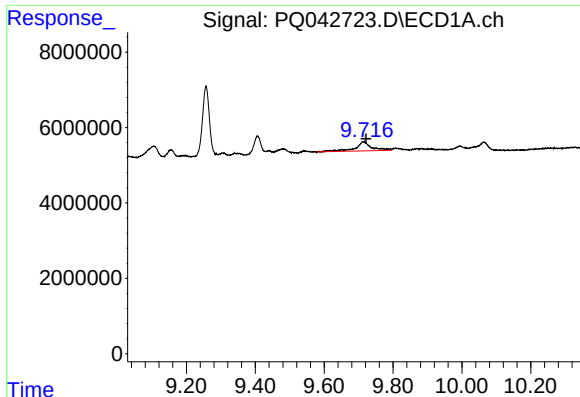
#33 AR-1260-3

R.T.: 9.483 min
Delta R.T.: 0.002 min
Response: 2983267
Conc: 13.80 ng/ml



#33 AR-1260-3

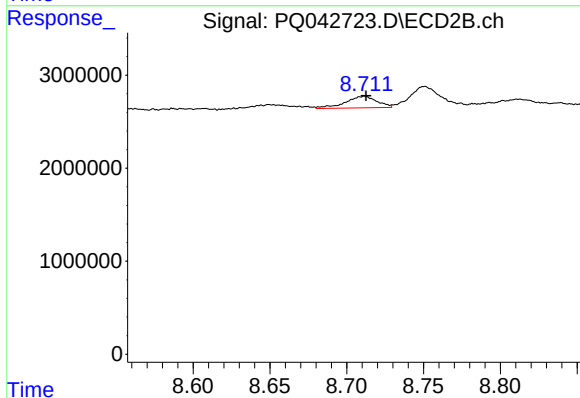
R.T.: 8.212 min
Delta R.T.: -0.004 min
Response: 5650211
Conc: 23.70 ng/ml



#34 AR-1260-4

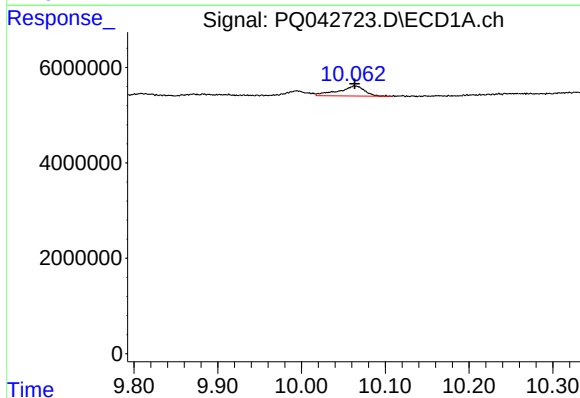
R.T.: 9.715 min
Delta R.T.: -0.007 min
Response: 8011241
Conc: 32.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



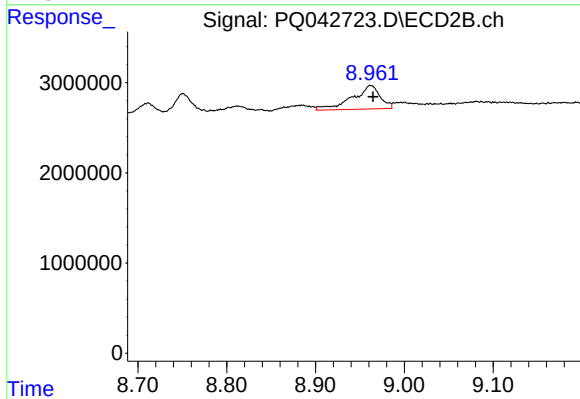
#34 AR-1260-4

R.T.: 8.712 min
Delta R.T.: -0.001 min
Response: 1805714
Conc: 7.96 ng/ml



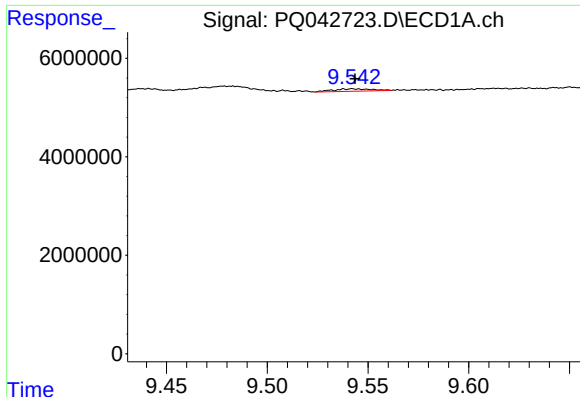
#35 AR-1260-5

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 4612306
Conc: 7.77 ng/ml



#35 AR-1260-5

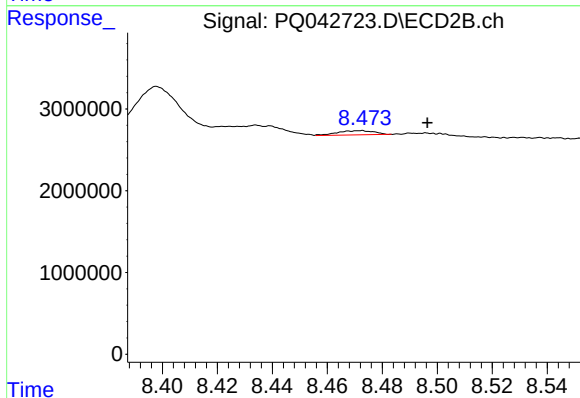
R.T.: 8.962 min
Delta R.T.: -0.003 min
Response: 5708889
Conc: 9.17 ng/ml



#36 AR-1262-1

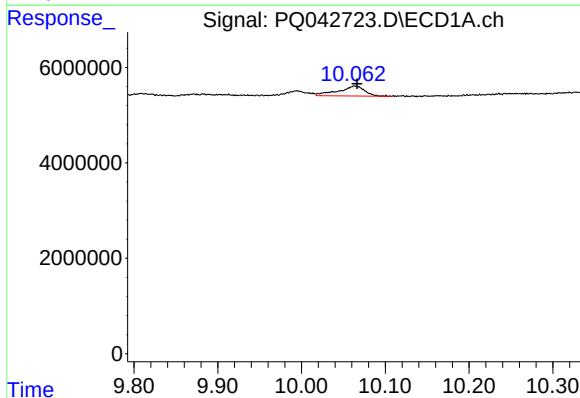
R.T.: 9.543 min
Delta R.T.: 0.000 min
Response: 631534
Conc: 4.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



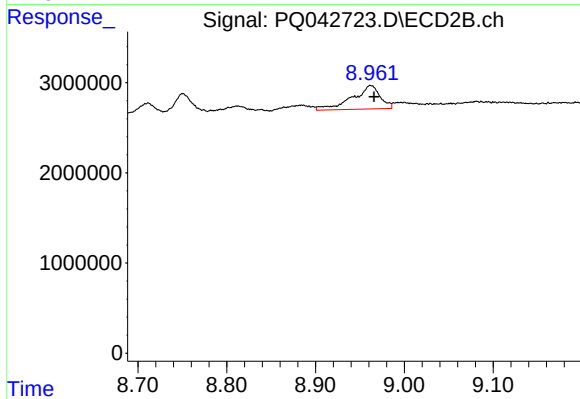
#36 AR-1262-1

R.T.: 8.472 min
Delta R.T.: -0.024 min
Response: 474815
Conc: 2.77 ng/ml



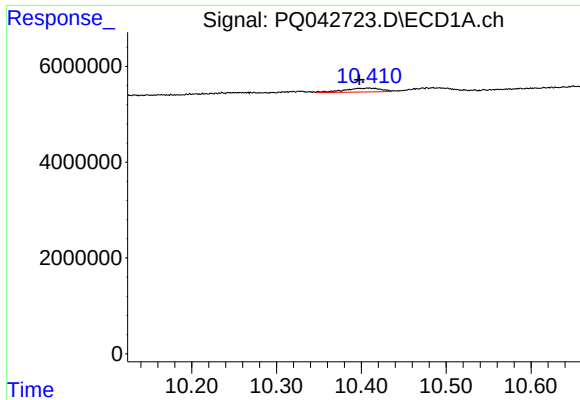
#37 AR-1262-2

R.T.: 10.064 min
Delta R.T.: -0.003 min
Response: 4612306
Conc: 6.13 ng/ml



#37 AR-1262-2

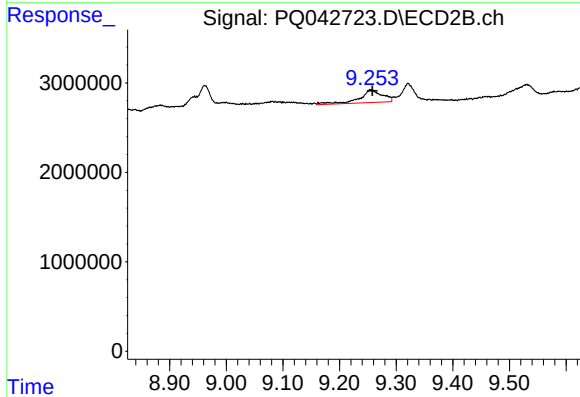
R.T.: 8.962 min
Delta R.T.: -0.004 min
Response: 5708889
Conc: 6.83 ng/ml



#38 AR-1262-3

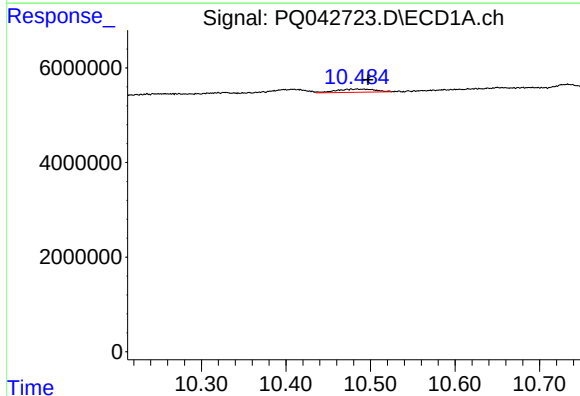
R.T.: 10.414 min
Delta R.T.: 0.016 min
Response: 2479926
Conc: 4.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



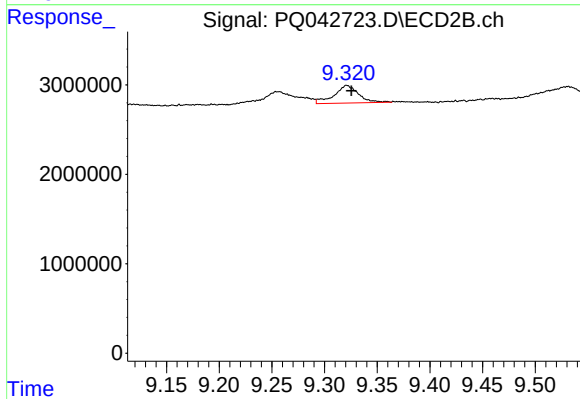
#38 AR-1262-3

R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 3977928
Conc: 11.19 ng/ml



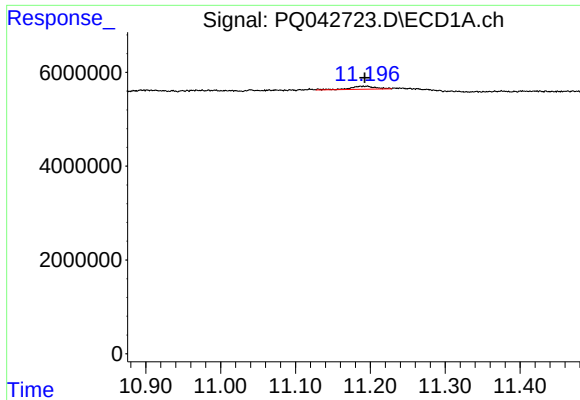
#39 AR-1262-4

R.T.: 10.484 min
Delta R.T.: -0.013 min
Response: 2156585
Conc: 4.96 ng/ml



#39 AR-1262-4

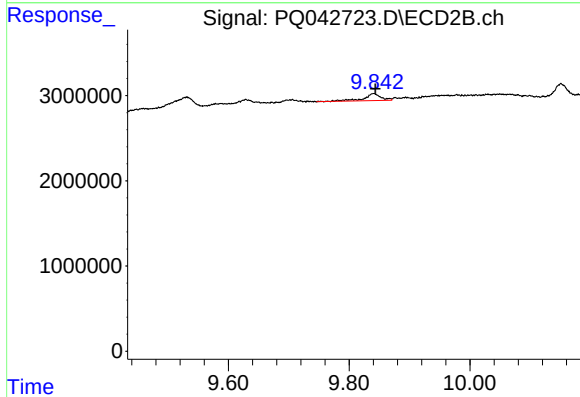
R.T.: 9.321 min
Delta R.T.: -0.004 min
Response: 3176032
Conc: 4.93 ng/ml



#40 AR-1262-5

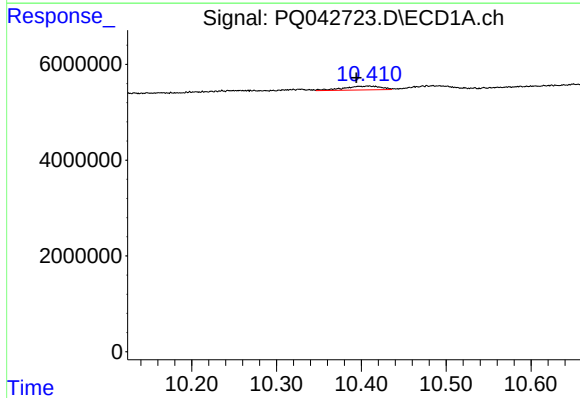
R.T.: 11.190 min
Delta R.T.: -0.002 min
Response: 1569186
Conc: 4.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



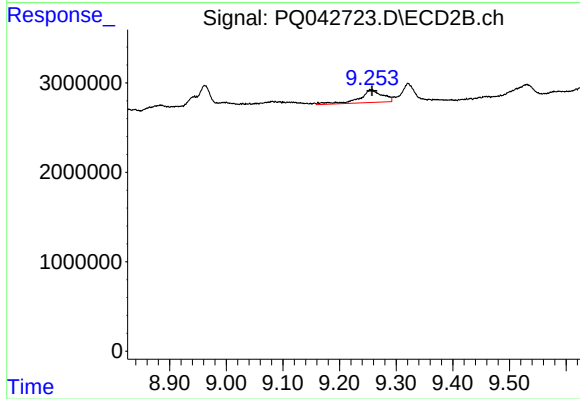
#40 AR-1262-5

R.T.: 9.840 min
Delta R.T.: -0.003 min
Response: 1594412
Conc: 5.04 ng/ml



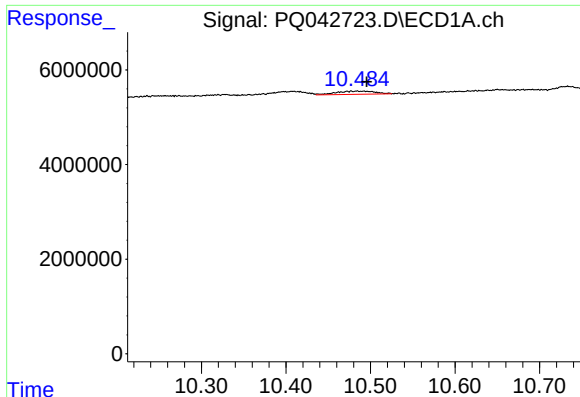
#41 AR-1268-1

R.T.: 10.414 min
Delta R.T.: 0.020 min
Response: 2479926
Conc: 2.59 ng/ml



#41 AR-1268-1

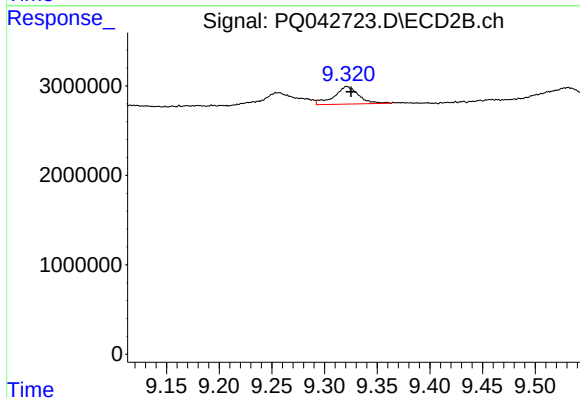
R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 3977928
Conc: 3.96 ng/ml



#42 AR-1268-2

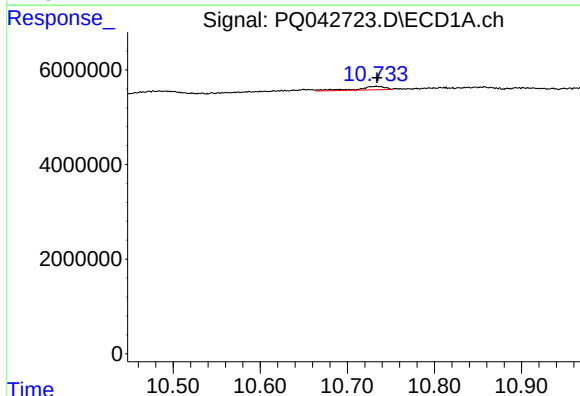
R.T.: 10.484 min
Delta R.T.: -0.011 min
Response: 2156585
Conc: 2.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



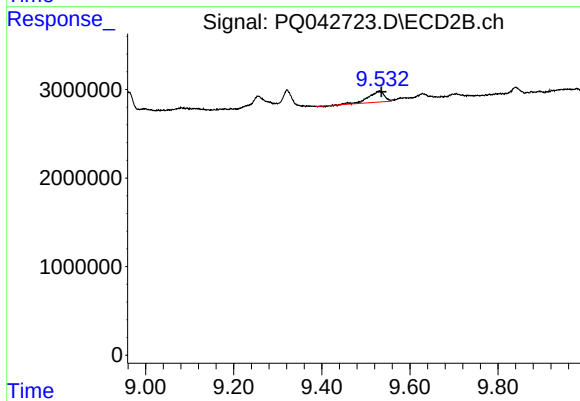
#42 AR-1268-2

R.T.: 9.321 min
Delta R.T.: -0.004 min
Response: 3176032
Conc: 3.38 ng/ml



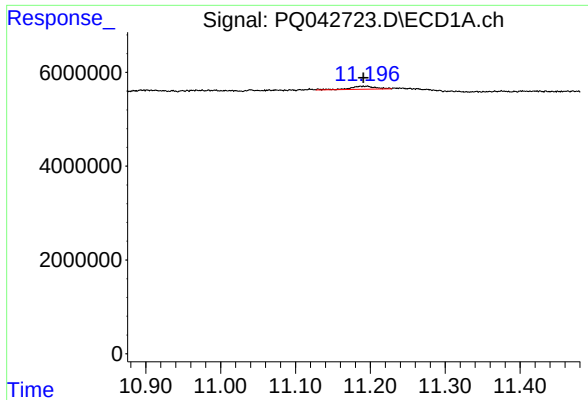
#43 AR-1268-3

R.T.: 10.733 min
Delta R.T.: 0.000 min
Response: 1629409
Conc: 2.01 ng/ml



#43 AR-1268-3

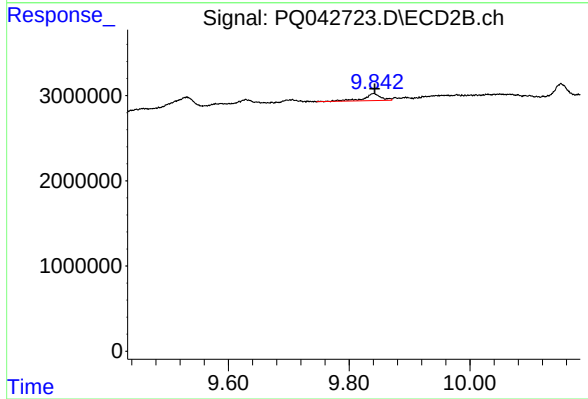
R.T.: 9.531 min
Delta R.T.: -0.005 min
Response: 3051130
Conc: 3.83 ng/ml



#44 AR-1268-4

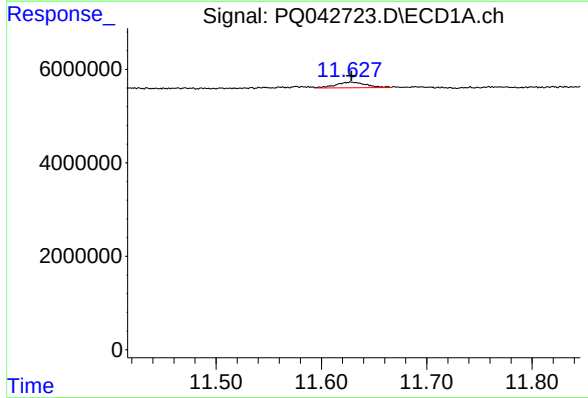
R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 1569186
Conc: 4.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



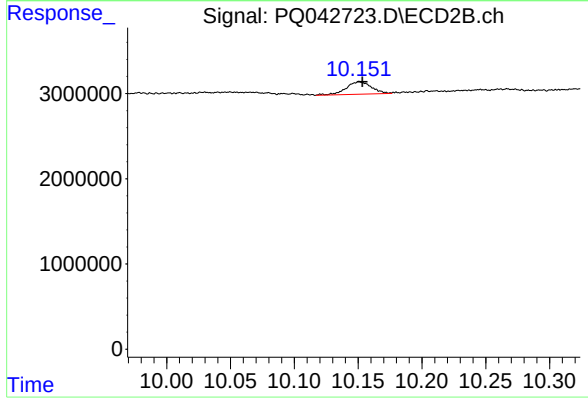
#44 AR-1268-4

R.T.: 9.840 min
Delta R.T.: -0.002 min
Response: 1594412
Conc: 4.66 ng/ml



#45 AR-1268-5

R.T.: 11.628 min
Delta R.T.: 0.000 min
Response: 2390435
Conc: 0.84 ng/ml



#45 AR-1268-5

R.T.: 10.151 min
Delta R.T.: -0.002 min
Response: 2017370
Conc: 0.79 ng/ml