

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111218\
 Data File : PQ034491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2018 02:14
 Operator : SM\SJ
 Sample : AR1660CCC500
 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: Nov 13 04:19:21 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 09 08:12:53 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.544	3.826	166.8E6	111.7E6	56.898	58.509
2)	SA Decachlor...	10.339	8.853	111.8E6	79640639	43.546	40.527
Target Compounds							
3)	L1 AR-1016-1	5.717	4.913	48393642	33763213	510.579	477.984
4)	L1 AR-1016-2	5.739	4.932	71162044	49020010	504.136	486.259
5)	L1 AR-1016-3	5.801	5.109	41824775	24543997	492.213	477.937
6)	L1 AR-1016-4	5.901	5.149	26672402	19358175	392.882	470.378
7)	L1 AR-1016-5	6.195	5.363	22958253	24174804	325.464	453.282 #
8)	L2 AR-1221-1	4.750	4.037	4139844	2760140	144.546	131.698
9)	L2 AR-1221-2	4.842	4.126	6436119	4756005	302.045	307.462
10)	L2 AR-1221-3	4.918	4.202	21950995	18418040	323.096	360.843
11)	L3 AR-1232-1	4.918	4.202	21950995	18418040	425.900	486.772
12)	L3 AR-1232-2	5.449	4.932	33504633	49020010	1192.799	1233.393
13)	L3 AR-1232-3	5.739	5.109	71162044	24543997	1252.220	1192.972
14)	L3 AR-1232-4	5.901	5.190	26672402	23848981	955.158	1287.022 #
15)	L3 AR-1232-5	5.988	5.363	29865578	24174804	1488.012	1196.267
16)	L4 AR-1242-1	5.717	4.913	48393642	33763213	615.731	610.904
17)	L4 AR-1242-2	5.739	4.932	71162044	49020010	608.693	613.088
18)	L4 AR-1242-3	5.801	5.109	41824775	24543997	591.276	594.550
19)	L4 AR-1242-4	5.901	5.190	26672402	23848981	464.609	592.608 #
20)	L4 AR-1242-5	6.638	5.714	7502883	28862869	116.081	552.780 #
21)	L5 AR-1248-1	5.717	4.913	48393642	33763213	745.512	728.202
22)	L5 AR-1248-2	5.988	5.149	29865578	19358175	320.374	308.566
23)	L5 AR-1248-3	6.195	5.190	22958253	23848981	215.096	368.696 #
24)	L5 AR-1248-4	6.597	5.363	9127635	24174804	75.111	303.369 #
25)	L5 AR-1248-5	6.638	5.755	7502883	6453659	64.209	80.230
26)	L6 AR-1254-1	6.570	5.714	30001562	28862869	265.456	249.633
27)	L6 AR-1254-2	6.787	5.860	29773710	22222903	166.020	222.094 #
28)	L6 AR-1254-3	7.157	6.276	15935391	43943375	81.965	254.297 #
29)	L6 AR-1254-4	7.442	6.492	11069622	5541657	77.350	50.843 #
30)	L6 AR-1254-5	7.860	6.908	84819196	71272689	538.723	469.681
31)	L7 AR-1260-1	7.318	6.393	57200987	49880984	414.863	433.410
32)	L7 AR-1260-2	7.574	6.579	68895229	60917600	400.284	429.049
33)	L7 AR-1260-3	7.933	6.734	41276296	55046358	405.222	417.818
34)	L7 AR-1260-4	8.163	7.204	51833405	37273016	398.980	410.769
35)	L7 AR-1260-5	8.491	7.445	99343831	95352739	398.340	410.297
36)	L8 AR-1262-1	7.933	6.943	41276296	41224842	224.072	274.548
37)	L8 AR-1262-2	8.491	7.445	99343831	95352739	292.078	330.902
38)	L8 AR-1262-3	8.829	7.726	59180676	16992591	266.434	159.069 #
39)	L8 AR-1262-4	8.884	7.791	32960206	65984003	390.998	322.231
40)	L8 AR-1262-5	9.575	8.293	7325478	18178637	64.423	199.428 #
41)	L9 AR-1268-1	8.829	7.726	59180676	16992591	134.301	47.741 #

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 Acq On : 13 Nov 2018 02:14
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

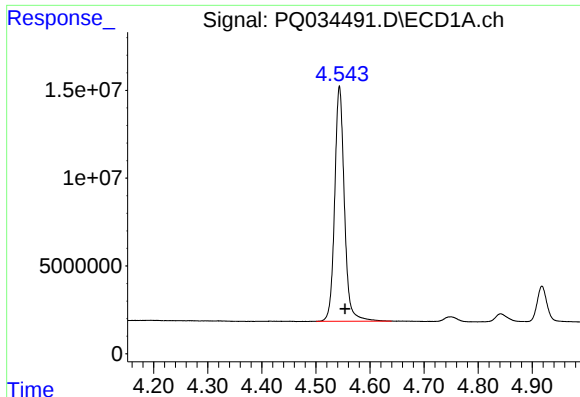
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 04:19:21 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.884	7.791	32960206	65984003	83.007	206.525 #
44) L9	AR-1268-4	9.575	8.293	7325478	18178637	53.504	163.516 #
45) L9	AR-1268-5	9.997	8.593	5846076	4531321	5.130	5.237

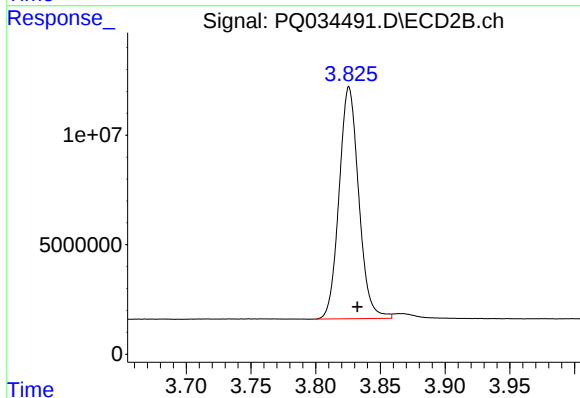
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

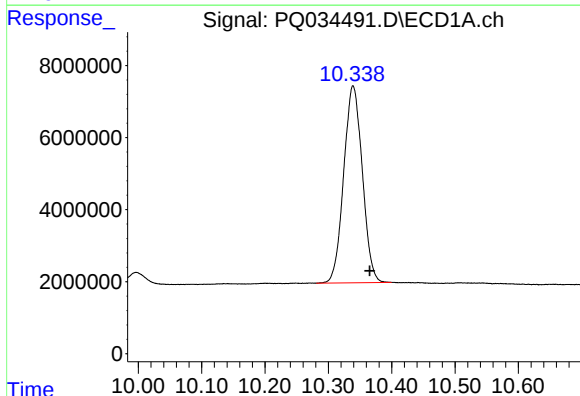
R.T.: 4.544 min
Delta R.T.: -0.010 min
Response: 166787564
Conc: 56.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



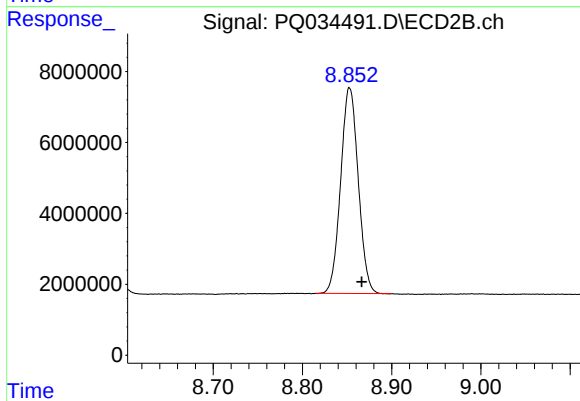
#1 Tetrachloro-m-xylene

R.T.: 3.826 min
Delta R.T.: -0.007 min
Response: 111674293
Conc: 58.51 ng/ml



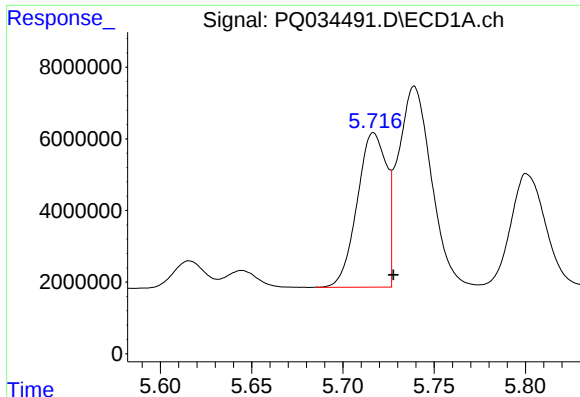
#2 Decachlorobiphenyl

R.T.: 10.339 min
Delta R.T.: -0.026 min
Response: 111782613
Conc: 43.55 ng/ml



#2 Decachlorobiphenyl

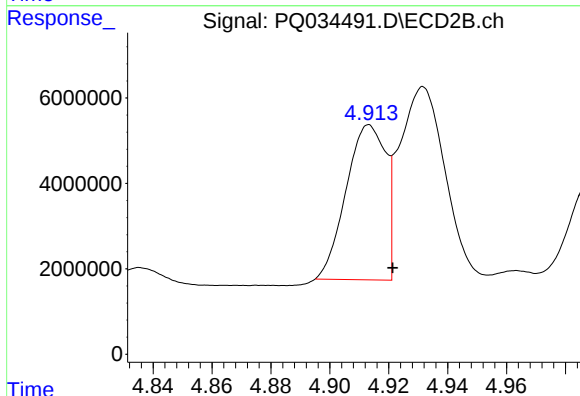
R.T.: 8.853 min
Delta R.T.: -0.014 min
Response: 79640639
Conc: 40.53 ng/ml



#3 AR-1016-1

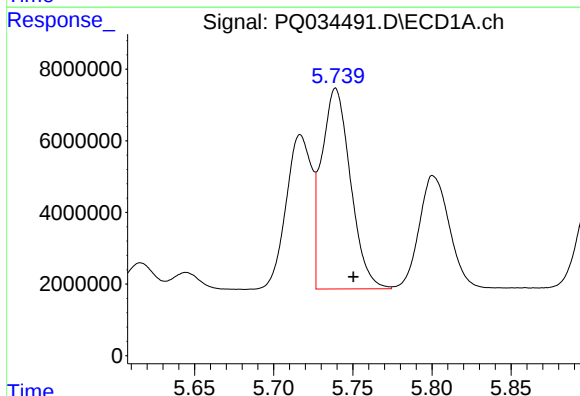
R.T.: 5.717 min
Delta R.T.: -0.011 min
Response: 48393642
Conc: 510.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



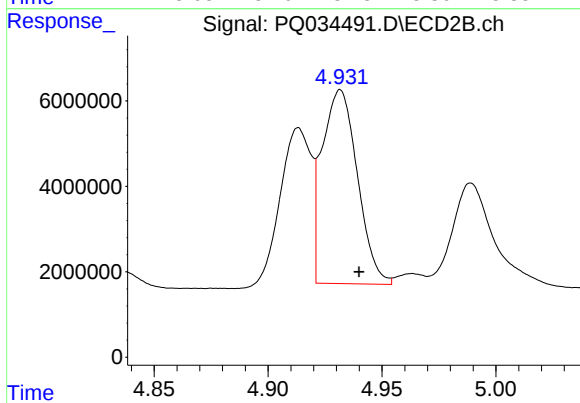
#3 AR-1016-1

R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 33763213
Conc: 477.98 ng/ml



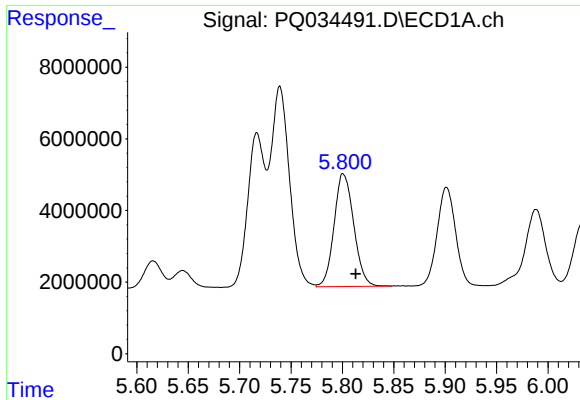
#4 AR-1016-2

R.T.: 5.739 min
Delta R.T.: -0.011 min
Response: 71162044
Conc: 504.14 ng/ml



#4 AR-1016-2

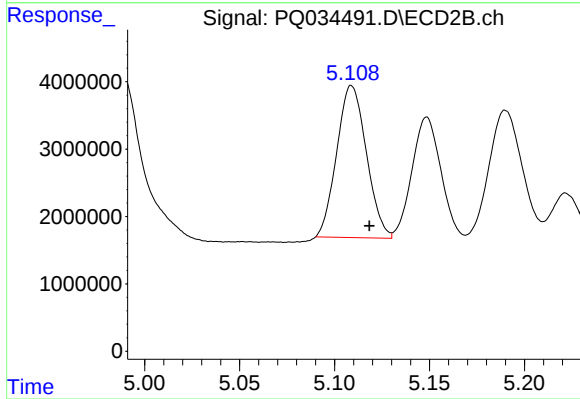
R.T.: 4.932 min
Delta R.T.: -0.008 min
Response: 49020010
Conc: 486.26 ng/ml



#5 AR-1016-3

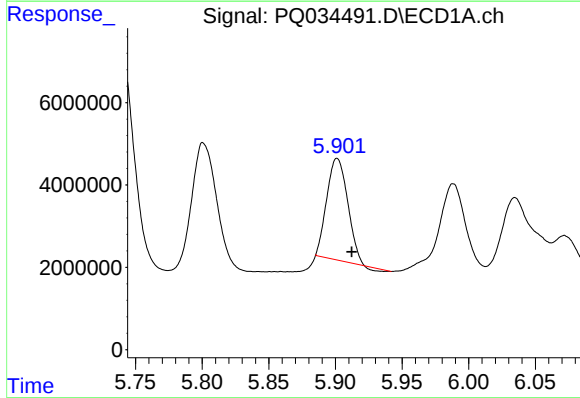
R.T.: 5.801 min
Delta R.T.: -0.012 min
Response: 41824775
Conc: 492.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



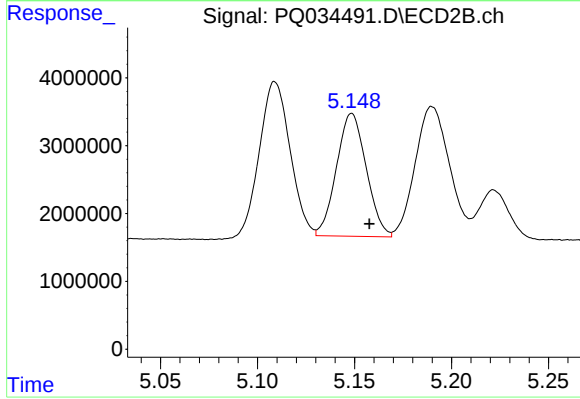
#5 AR-1016-3

R.T.: 5.109 min
Delta R.T.: -0.009 min
Response: 24543997
Conc: 477.94 ng/ml



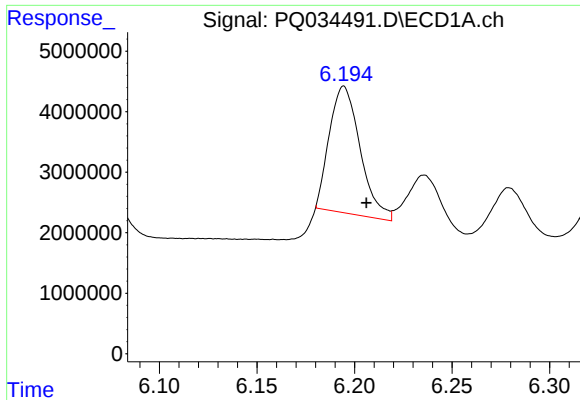
#6 AR-1016-4

R.T.: 5.901 min
Delta R.T.: -0.011 min
Response: 26672402
Conc: 392.88 ng/ml



#6 AR-1016-4

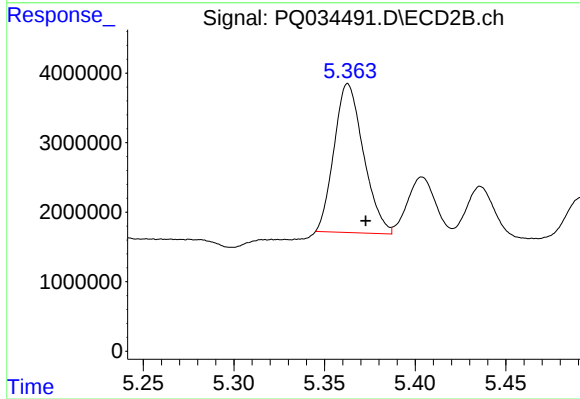
R.T.: 5.149 min
Delta R.T.: -0.009 min
Response: 19358175
Conc: 470.38 ng/ml



#7 AR-1016-5

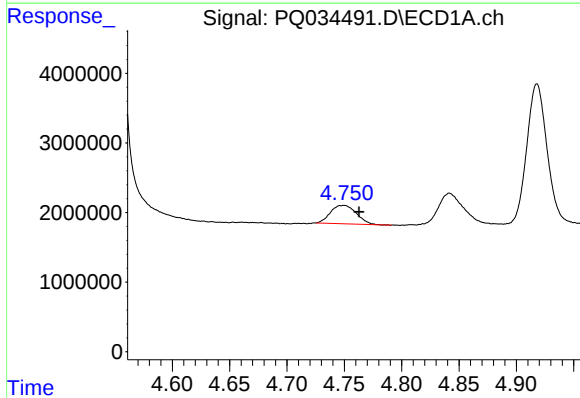
R.T.: 6.195 min
Delta R.T.: -0.012 min
Response: 22958253
Conc: 325.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



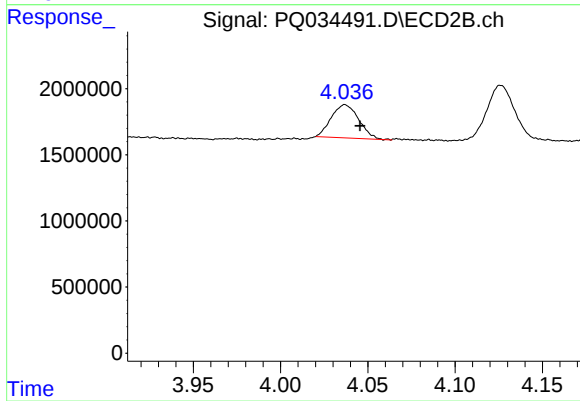
#7 AR-1016-5

R.T.: 5.363 min
Delta R.T.: -0.010 min
Response: 24174804
Conc: 453.28 ng/ml



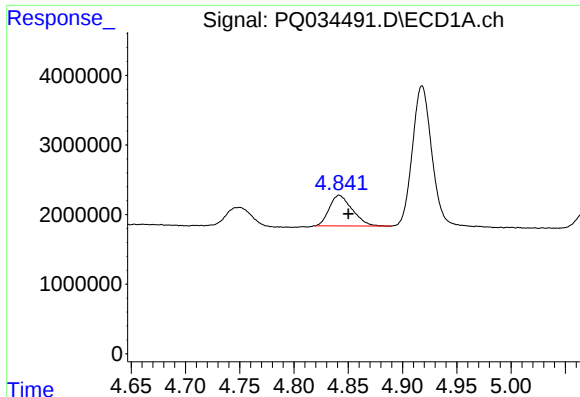
#8 AR-1221-1

R.T.: 4.750 min
Delta R.T.: -0.013 min
Response: 4139844
Conc: 144.55 ng/ml



#8 AR-1221-1

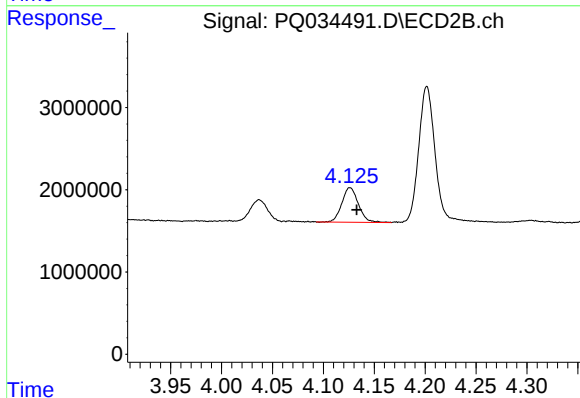
R.T.: 4.037 min
Delta R.T.: -0.009 min
Response: 2760140
Conc: 131.70 ng/ml



#9 AR-1221-2

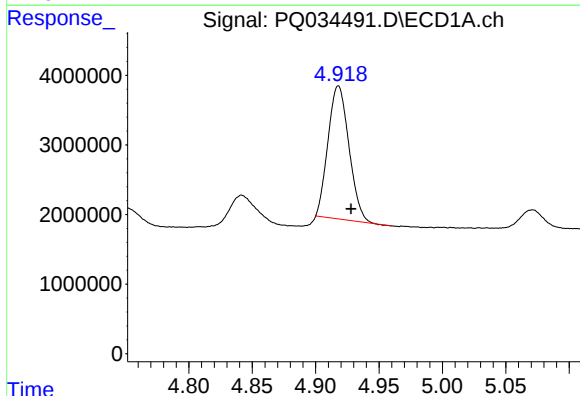
R.T.: 4.842 min
Delta R.T.: -0.008 min
Response: 6436119
Conc: 302.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



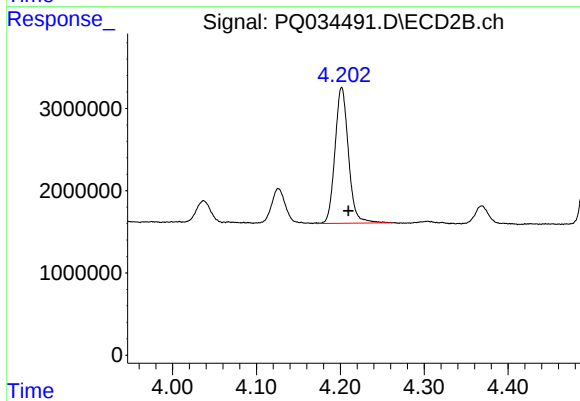
#9 AR-1221-2

R.T.: 4.126 min
Delta R.T.: -0.007 min
Response: 4756005
Conc: 307.46 ng/ml



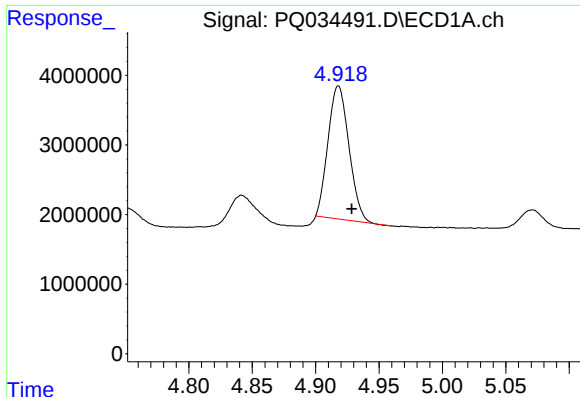
#10 AR-1221-3

R.T.: 4.918 min
Delta R.T.: -0.010 min
Response: 21950995
Conc: 323.10 ng/ml



#10 AR-1221-3

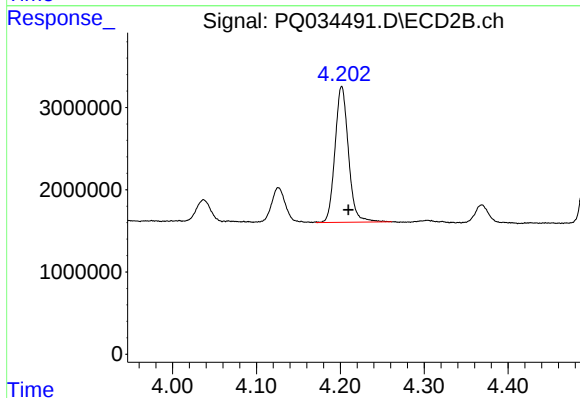
R.T.: 4.202 min
Delta R.T.: -0.008 min
Response: 18418040
Conc: 360.84 ng/ml



#11 AR-1232-1

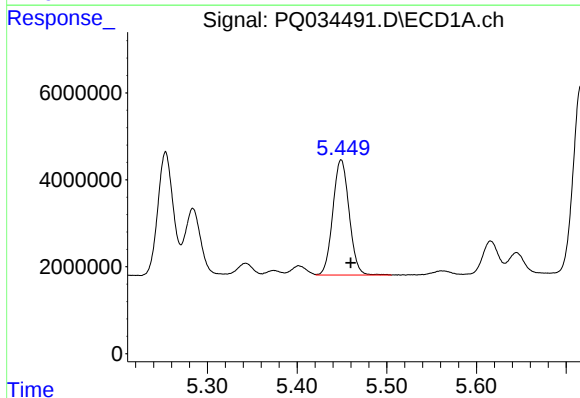
R.T.: 4.918 min
Delta R.T.: -0.010 min
Response: 21950995
Conc: 425.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



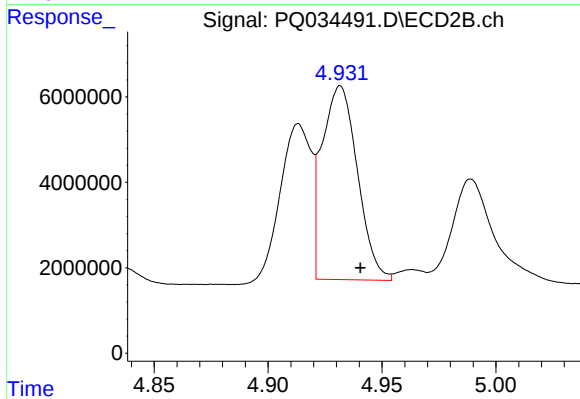
#11 AR-1232-1

R.T.: 4.202 min
Delta R.T.: -0.008 min
Response: 18418040
Conc: 486.77 ng/ml



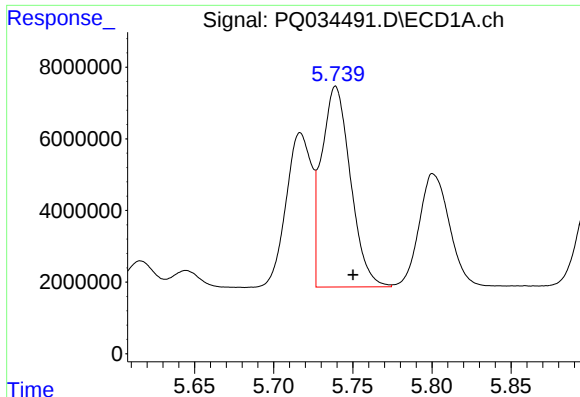
#12 AR-1232-2

R.T.: 5.449 min
Delta R.T.: -0.011 min
Response: 33504633
Conc: 1192.80 ng/ml



#12 AR-1232-2

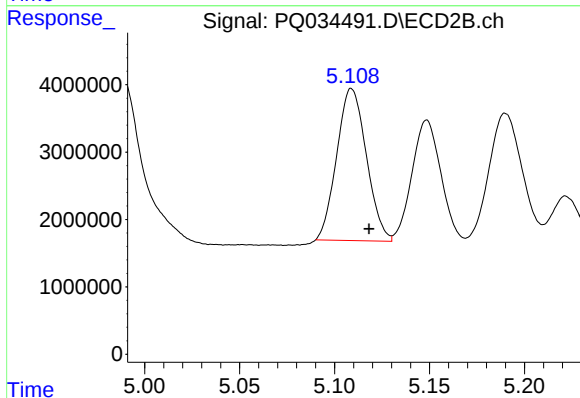
R.T.: 4.932 min
Delta R.T.: -0.009 min
Response: 49020010
Conc: 1233.39 ng/ml



#13 AR-1232-3

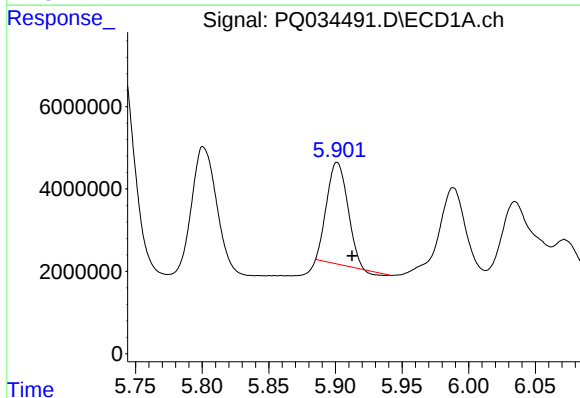
R.T.: 5.739 min
Delta R.T.: -0.011 min
Response: 71162044
Conc: 1252.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



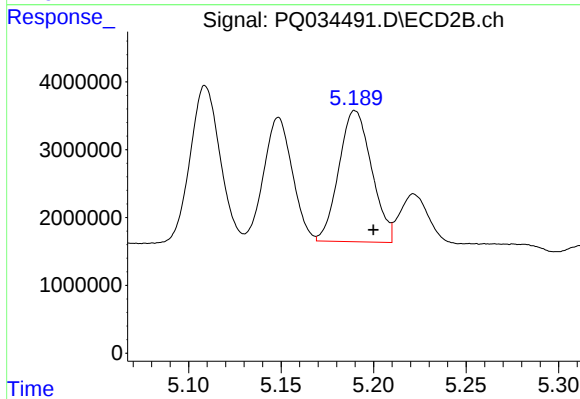
#13 AR-1232-3

R.T.: 5.109 min
Delta R.T.: -0.009 min
Response: 24543997
Conc: 1192.97 ng/ml



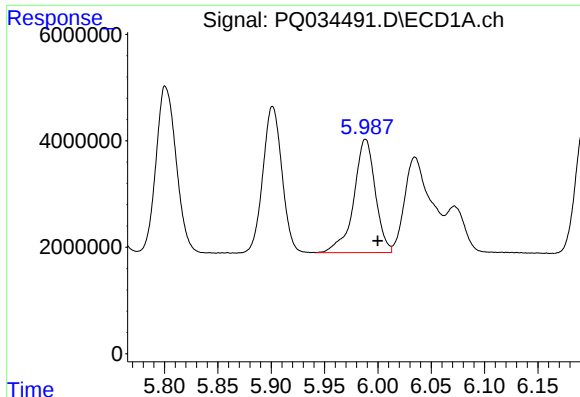
#14 AR-1232-4

R.T.: 5.901 min
Delta R.T.: -0.011 min
Response: 26672402
Conc: 955.16 ng/ml



#14 AR-1232-4

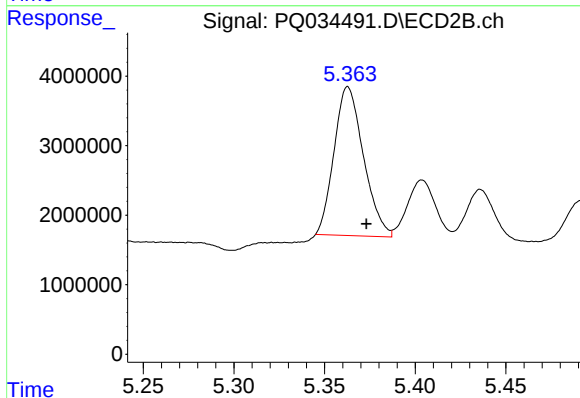
R.T.: 5.190 min
Delta R.T.: -0.010 min
Response: 23848981
Conc: 1287.02 ng/ml



#15 AR-1232-5

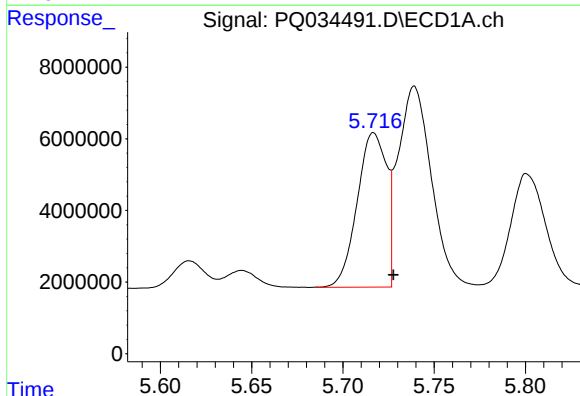
R.T.: 5.988 min
Delta R.T.: -0.012 min
Response: 29865578
Conc: 1488.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



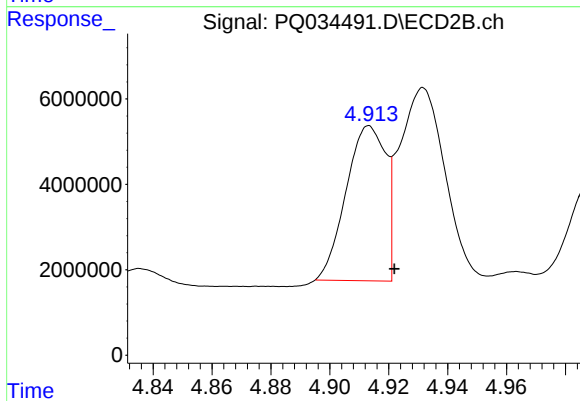
#15 AR-1232-5

R.T.: 5.363 min
Delta R.T.: -0.010 min
Response: 24174804
Conc: 1196.27 ng/ml



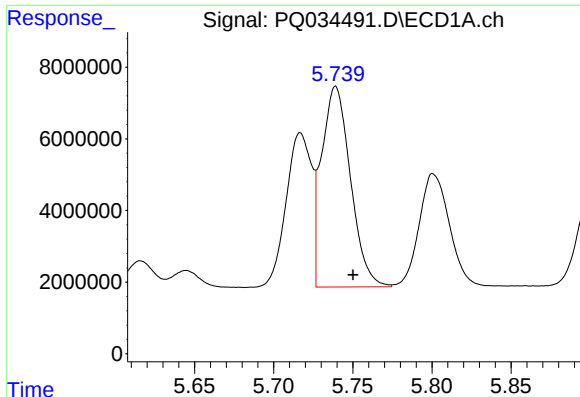
#16 AR-1242-1

R.T.: 5.717 min
Delta R.T.: -0.011 min
Response: 48393642
Conc: 615.73 ng/ml



#16 AR-1242-1

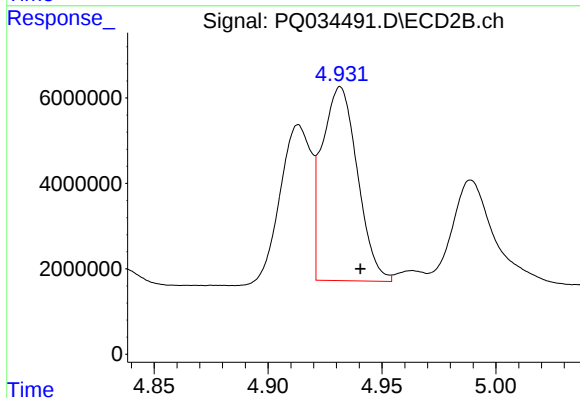
R.T.: 4.913 min
Delta R.T.: -0.009 min
Response: 33763213
Conc: 610.90 ng/ml



#17 AR-1242-2

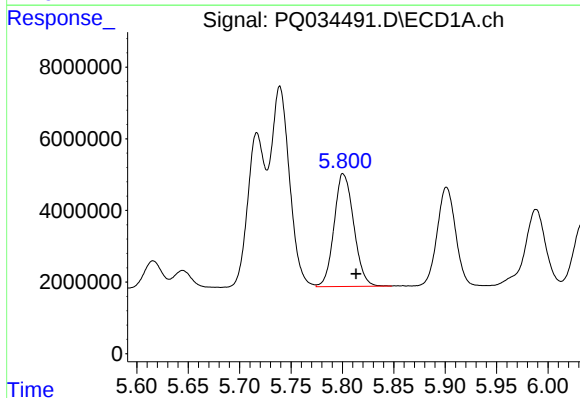
R.T.: 5.739 min
Delta R.T.: -0.011 min
Response: 71162044
Conc: 608.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



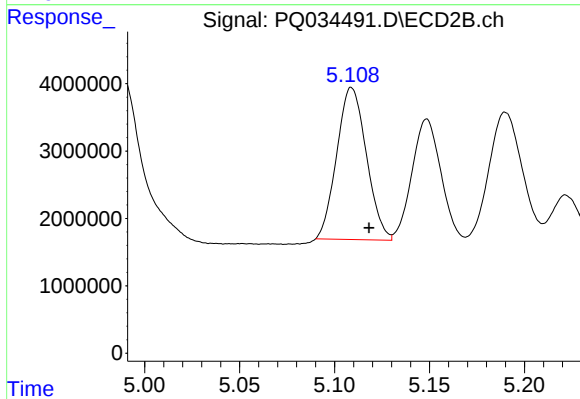
#17 AR-1242-2

R.T.: 4.932 min
Delta R.T.: -0.009 min
Response: 49020010
Conc: 613.09 ng/ml



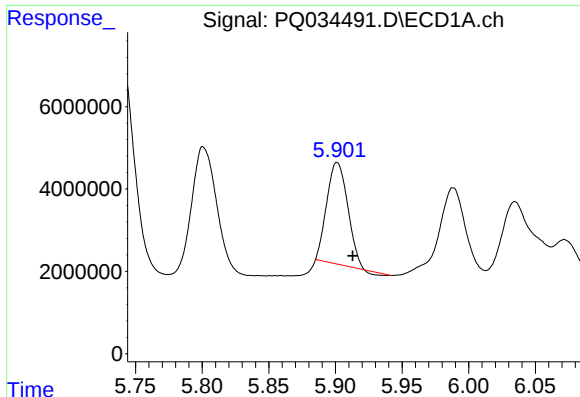
#18 AR-1242-3

R.T.: 5.801 min
Delta R.T.: -0.012 min
Response: 41824775
Conc: 591.28 ng/ml



#18 AR-1242-3

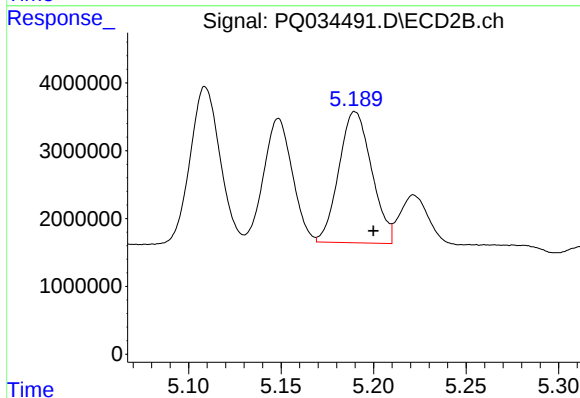
R.T.: 5.109 min
Delta R.T.: -0.009 min
Response: 24543997
Conc: 594.55 ng/ml



#19 AR-1242-4

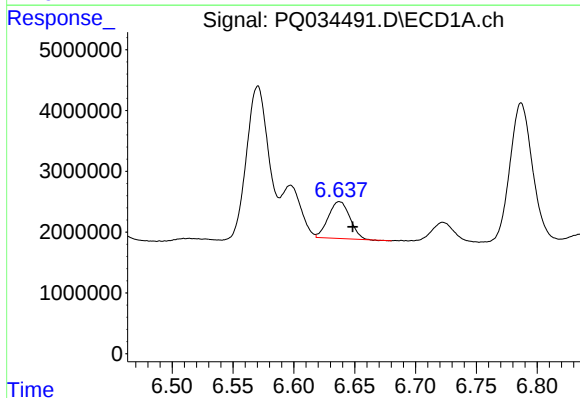
R.T.: 5.901 min
Delta R.T.: -0.012 min
Response: 26672402
Conc: 464.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



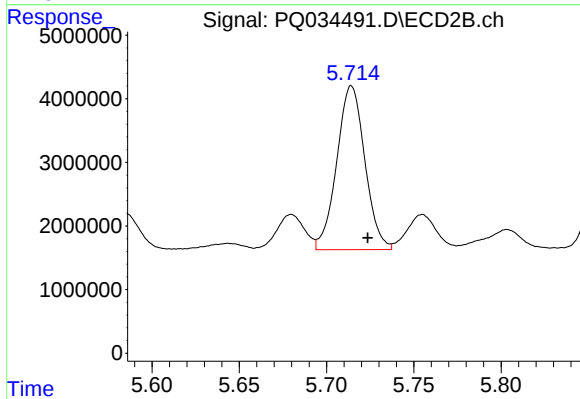
#19 AR-1242-4

R.T.: 5.190 min
Delta R.T.: -0.010 min
Response: 23848981
Conc: 592.61 ng/ml



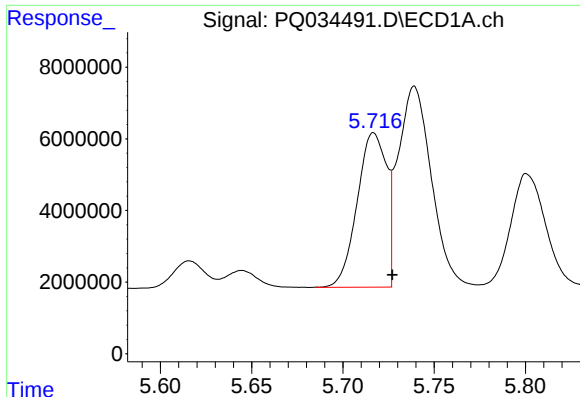
#20 AR-1242-5

R.T.: 6.638 min
Delta R.T.: -0.011 min
Response: 7502883
Conc: 116.08 ng/ml



#20 AR-1242-5

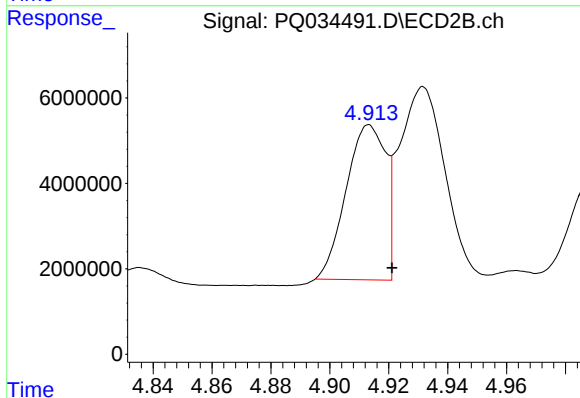
R.T.: 5.714 min
Delta R.T.: -0.009 min
Response: 28862869
Conc: 552.78 ng/ml



#21 AR-1248-1

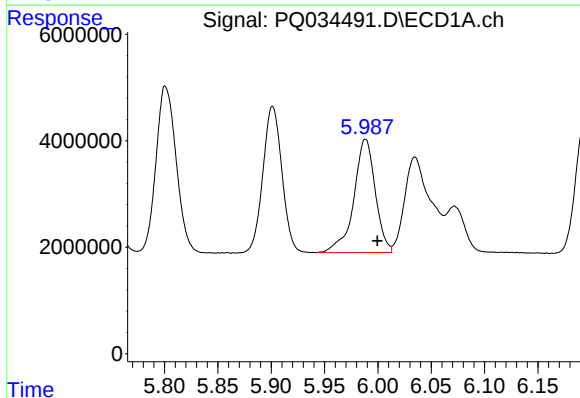
R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 48393642
Conc: 745.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



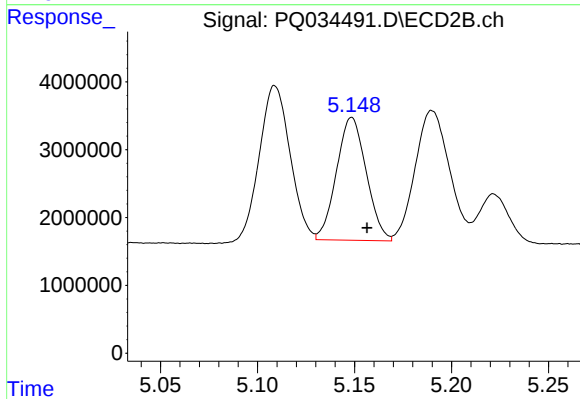
#21 AR-1248-1

R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 33763213
Conc: 728.20 ng/ml



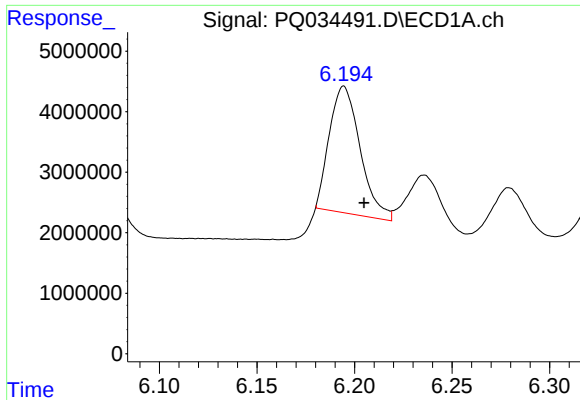
#22 AR-1248-2

R.T.: 5.988 min
Delta R.T.: -0.011 min
Response: 29865578
Conc: 320.37 ng/ml



#22 AR-1248-2

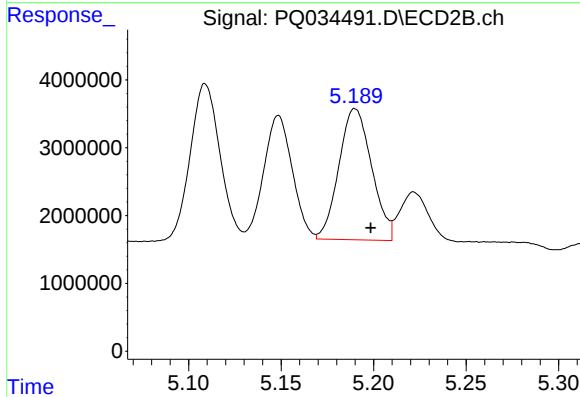
R.T.: 5.149 min
Delta R.T.: -0.008 min
Response: 19358175
Conc: 308.57 ng/ml



#23 AR-1248-3

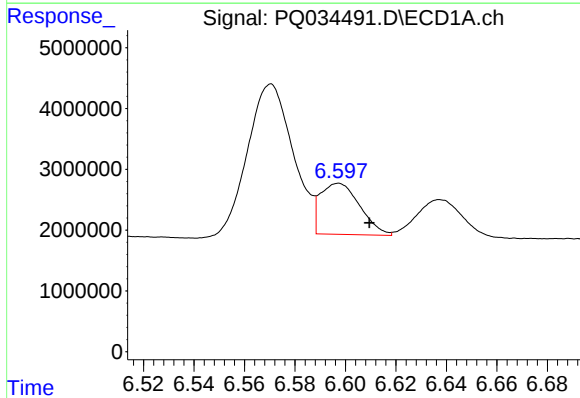
R.T.: 6.195 min
Delta R.T.: -0.010 min
Response: 22958253
Conc: 215.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



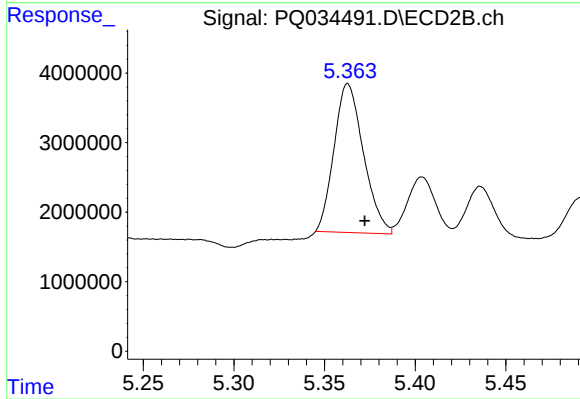
#23 AR-1248-3

R.T.: 5.190 min
Delta R.T.: -0.008 min
Response: 23848981
Conc: 368.70 ng/ml



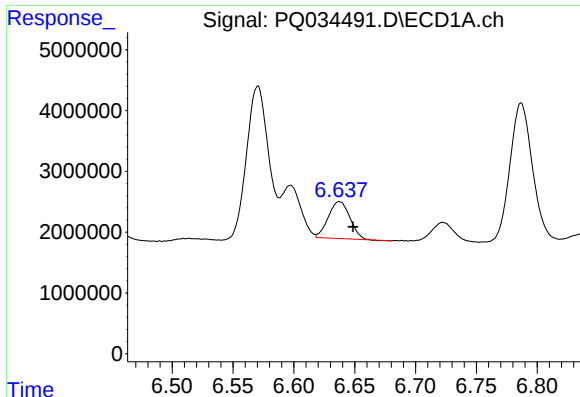
#24 AR-1248-4

R.T.: 6.597 min
Delta R.T.: -0.012 min
Response: 9127635
Conc: 75.11 ng/ml



#24 AR-1248-4

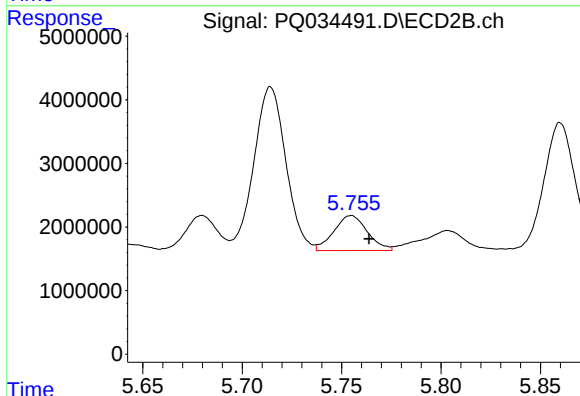
R.T.: 5.363 min
Delta R.T.: -0.009 min
Response: 24174804
Conc: 303.37 ng/ml



#25 AR-1248-5

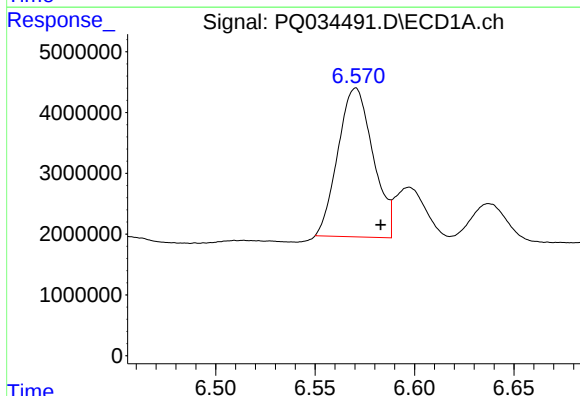
R.T.: 6.638 min
Delta R.T.: -0.011 min
Response: 7502883
Conc: 64.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



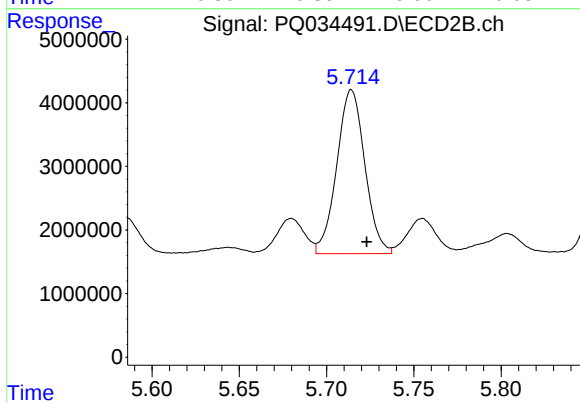
#25 AR-1248-5

R.T.: 5.755 min
Delta R.T.: -0.009 min
Response: 6453659
Conc: 80.23 ng/ml



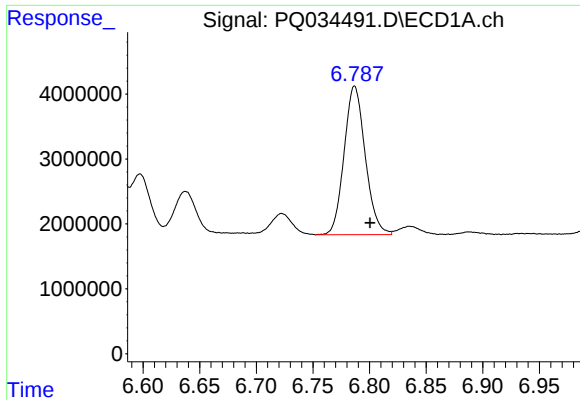
#26 AR-1254-1

R.T.: 6.570 min
Delta R.T.: -0.013 min
Response: 30001562
Conc: 265.46 ng/ml



#26 AR-1254-1

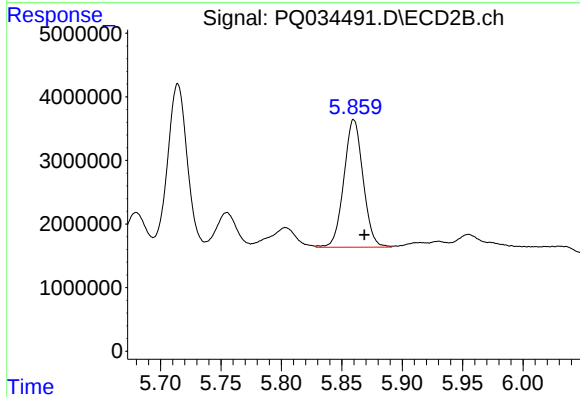
R.T.: 5.714 min
Delta R.T.: -0.009 min
Response: 28862869
Conc: 249.63 ng/ml



#27 AR-1254-2

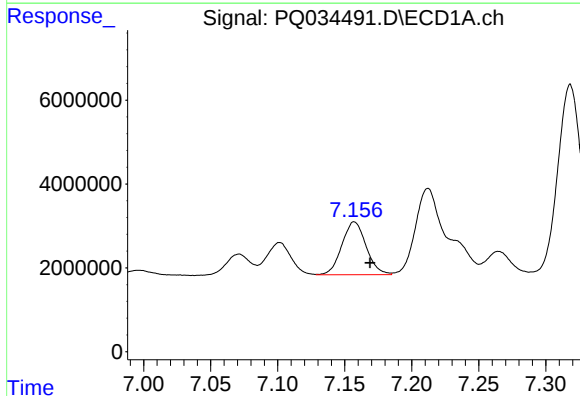
R.T.: 6.787 min
Delta R.T.: -0.014 min
Response: 29773710
Conc: 166.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



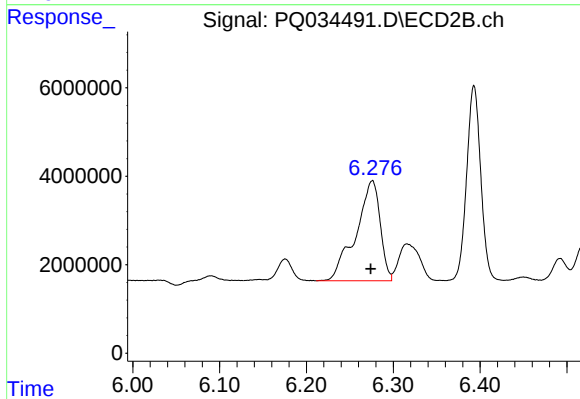
#27 AR-1254-2

R.T.: 5.860 min
Delta R.T.: -0.009 min
Response: 22222903
Conc: 222.09 ng/ml



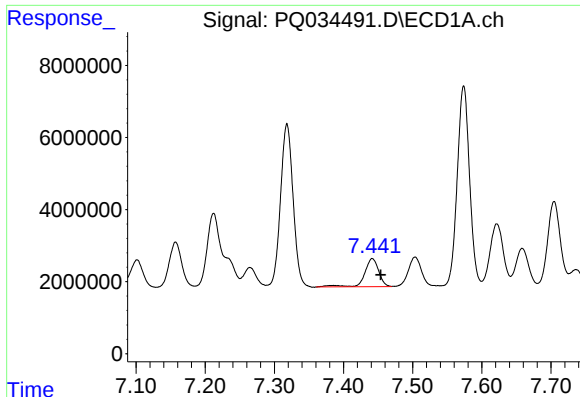
#28 AR-1254-3

R.T.: 7.157 min
Delta R.T.: -0.012 min
Response: 15935391
Conc: 81.96 ng/ml



#28 AR-1254-3

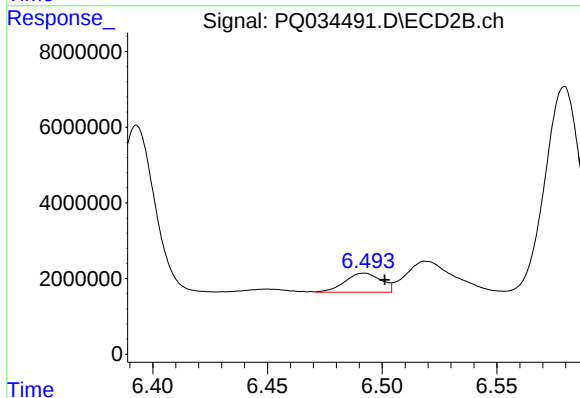
R.T.: 6.276 min
Delta R.T.: 0.002 min
Response: 43943375
Conc: 254.30 ng/ml



#29 AR-1254-4

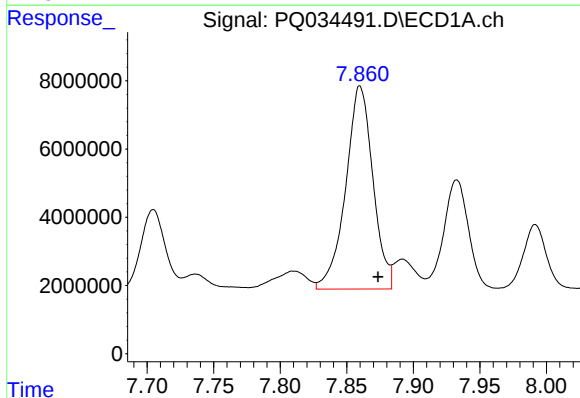
R.T.: 7.442 min
Delta R.T.: -0.012 min
Response: 11069622
Conc: 77.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



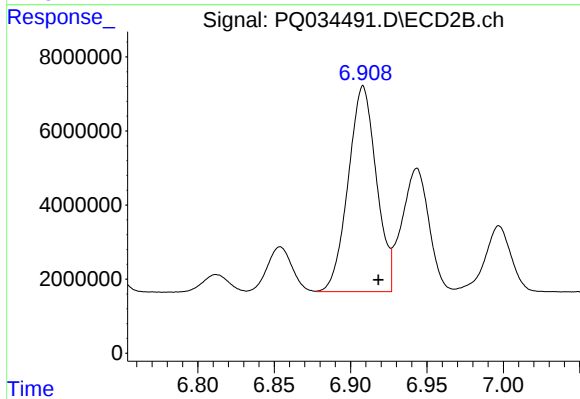
#29 AR-1254-4

R.T.: 6.492 min
Delta R.T.: -0.009 min
Response: 5541657
Conc: 50.84 ng/ml



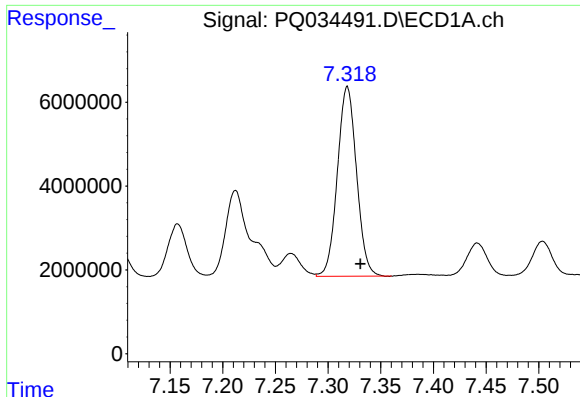
#30 AR-1254-5

R.T.: 7.860 min
Delta R.T.: -0.014 min
Response: 84819196
Conc: 538.72 ng/ml



#30 AR-1254-5

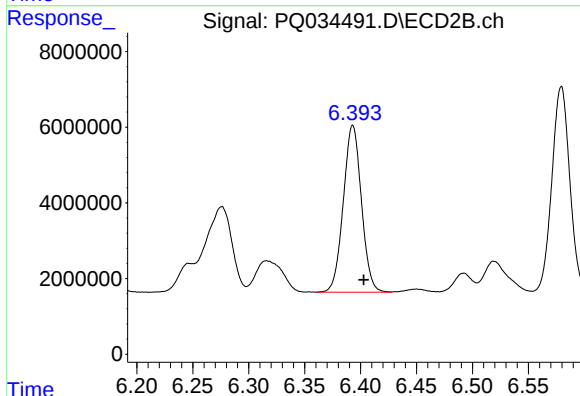
R.T.: 6.908 min
Delta R.T.: -0.010 min
Response: 71272689
Conc: 469.68 ng/ml



#31 AR-1260-1

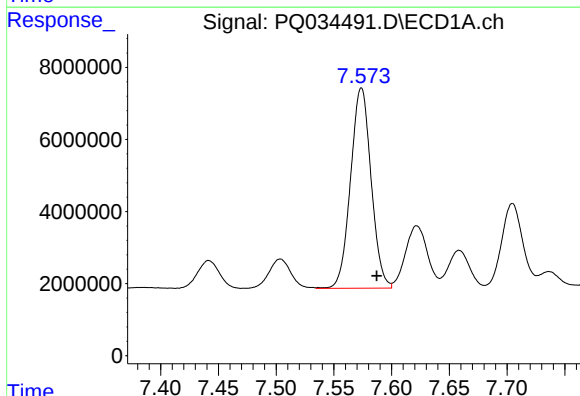
R.T.: 7.318 min
Delta R.T.: -0.012 min
Response: 57200987
Conc: 414.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



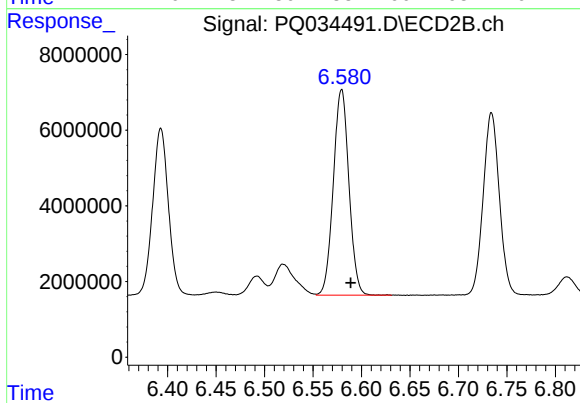
#31 AR-1260-1

R.T.: 6.393 min
Delta R.T.: -0.010 min
Response: 49880984
Conc: 433.41 ng/ml



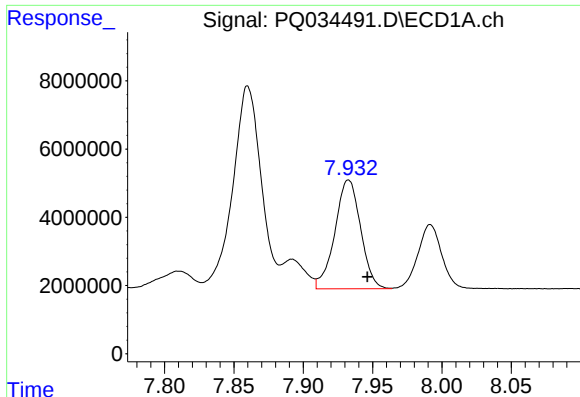
#32 AR-1260-2

R.T.: 7.574 min
Delta R.T.: -0.013 min
Response: 68895229
Conc: 400.28 ng/ml



#32 AR-1260-2

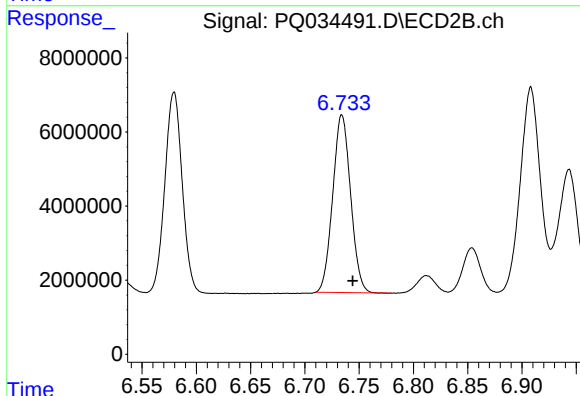
R.T.: 6.579 min
Delta R.T.: -0.010 min
Response: 60917600
Conc: 429.05 ng/ml



#33 AR-1260-3

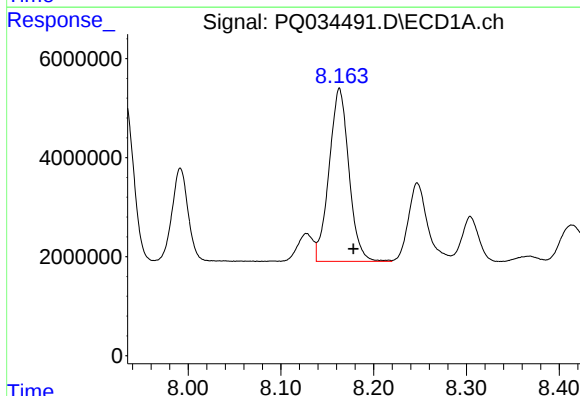
R.T.: 7.933 min
Delta R.T.: -0.014 min
Response: 41276296
Conc: 405.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



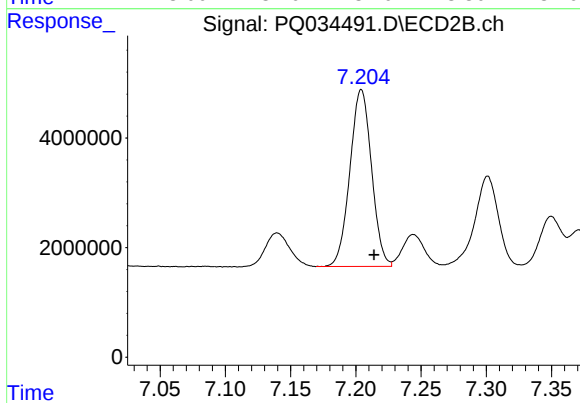
#33 AR-1260-3

R.T.: 6.734 min
Delta R.T.: -0.010 min
Response: 55046358
Conc: 417.82 ng/ml



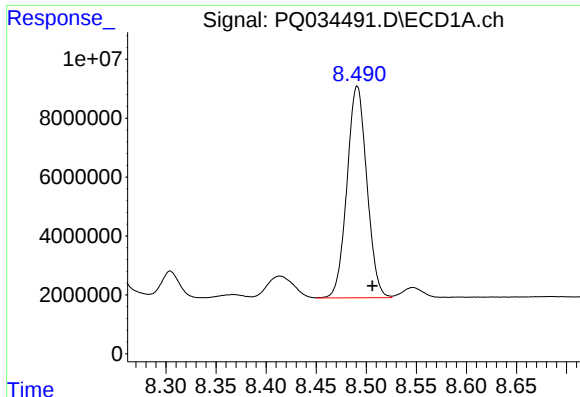
#34 AR-1260-4

R.T.: 8.163 min
Delta R.T.: -0.015 min
Response: 51833405
Conc: 398.98 ng/ml



#34 AR-1260-4

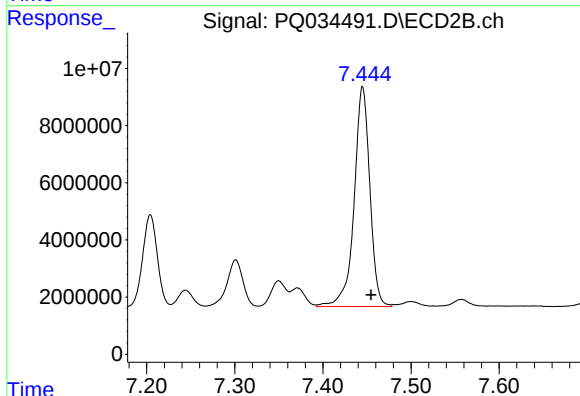
R.T.: 7.204 min
Delta R.T.: -0.010 min
Response: 37273016
Conc: 410.77 ng/ml



#35 AR-1260-5

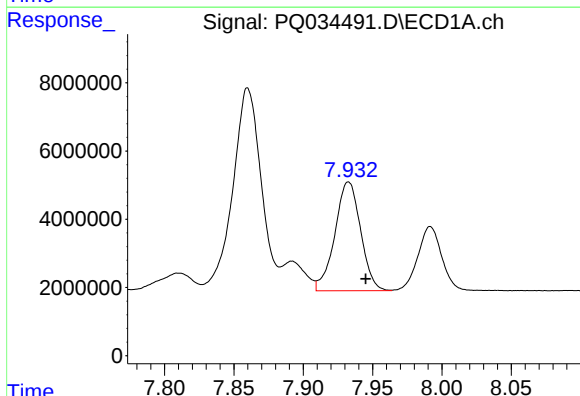
R.T.: 8.491 min
Delta R.T.: -0.015 min
Response: 99343831
Conc: 398.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



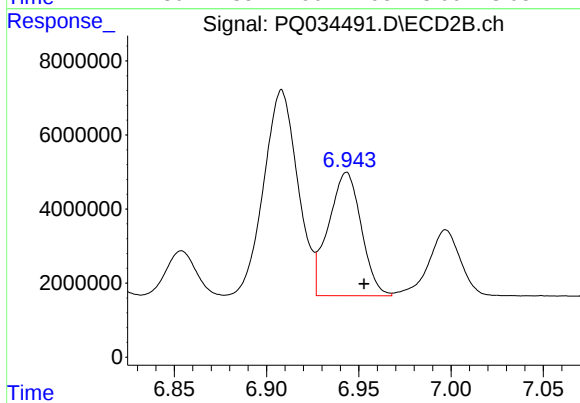
#35 AR-1260-5

R.T.: 7.445 min
Delta R.T.: -0.010 min
Response: 95352739
Conc: 410.30 ng/ml



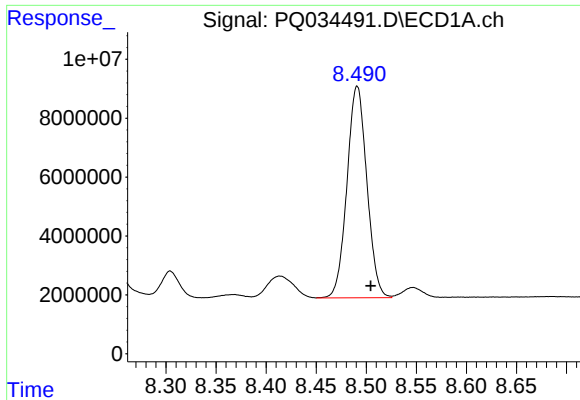
#36 AR-1262-1

R.T.: 7.933 min
Delta R.T.: -0.013 min
Response: 41276296
Conc: 224.07 ng/ml



#36 AR-1262-1

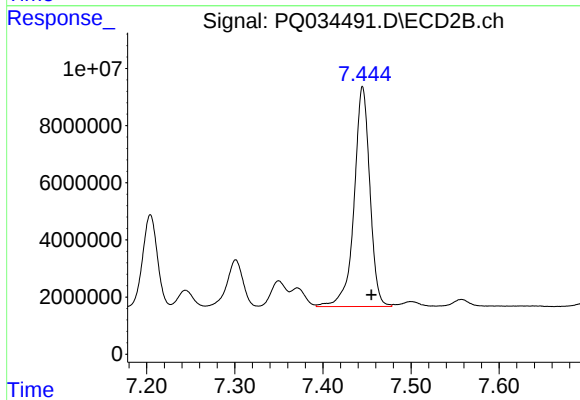
R.T.: 6.943 min
Delta R.T.: -0.009 min
Response: 41224842
Conc: 274.55 ng/ml



#37 AR-1262-2

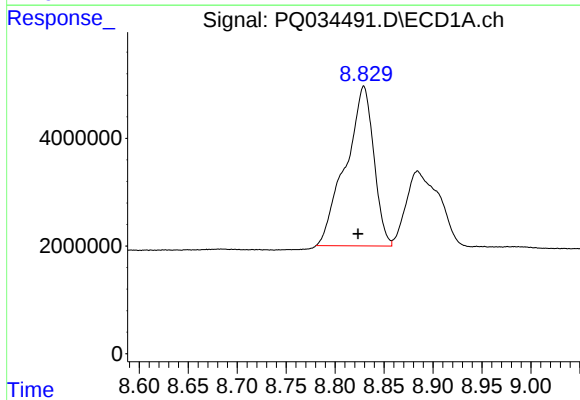
R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 99343831
Conc: 292.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



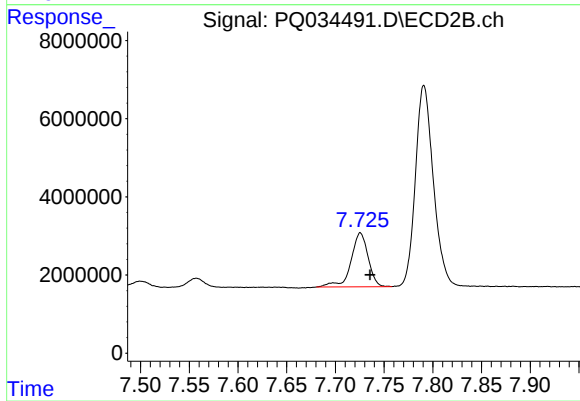
#37 AR-1262-2

R.T.: 7.445 min
Delta R.T.: -0.010 min
Response: 95352739
Conc: 330.90 ng/ml



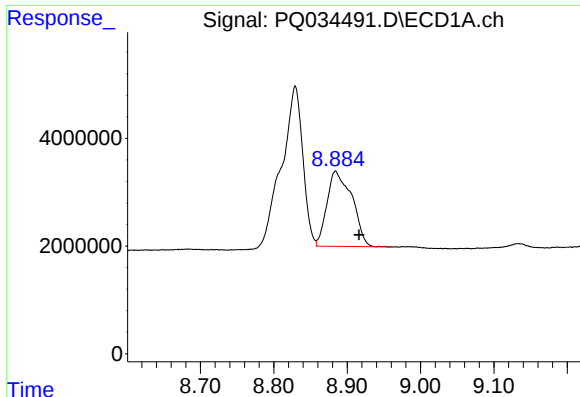
#38 AR-1262-3

R.T.: 8.829 min
Delta R.T.: 0.006 min
Response: 59180676
Conc: 266.43 ng/ml



#38 AR-1262-3

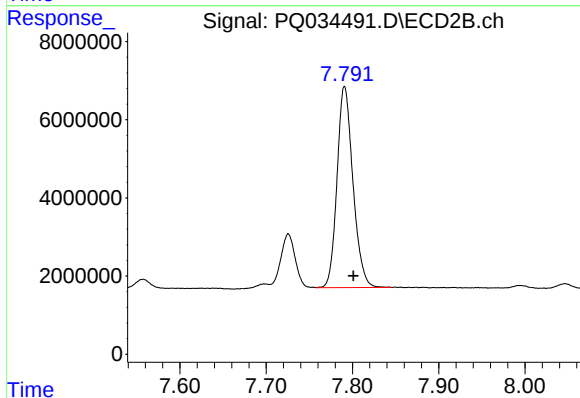
R.T.: 7.726 min
Delta R.T.: -0.010 min
Response: 16992591
Conc: 159.07 ng/ml



#39 AR-1262-4

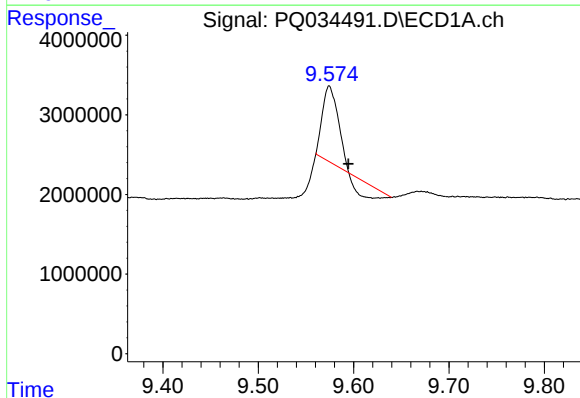
R.T.: 8.884 min
Delta R.T.: -0.032 min
Response: 32960206
Conc: 391.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



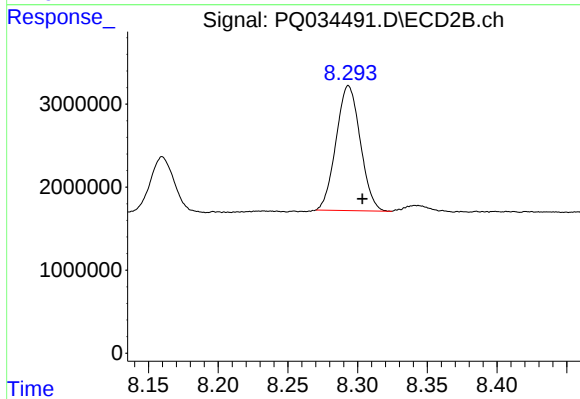
#39 AR-1262-4

R.T.: 7.791 min
Delta R.T.: -0.010 min
Response: 65984003
Conc: 322.23 ng/ml



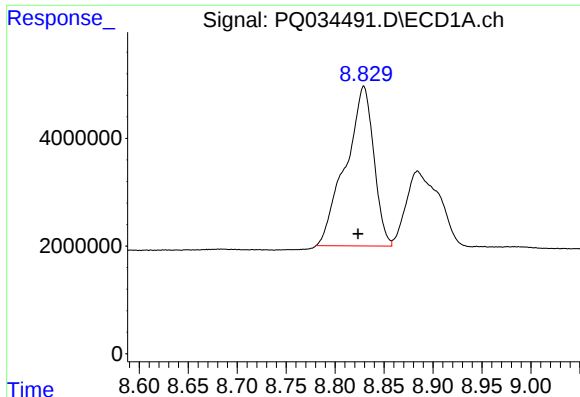
#40 AR-1262-5

R.T.: 9.575 min
Delta R.T.: -0.020 min
Response: 7325478
Conc: 64.42 ng/ml



#40 AR-1262-5

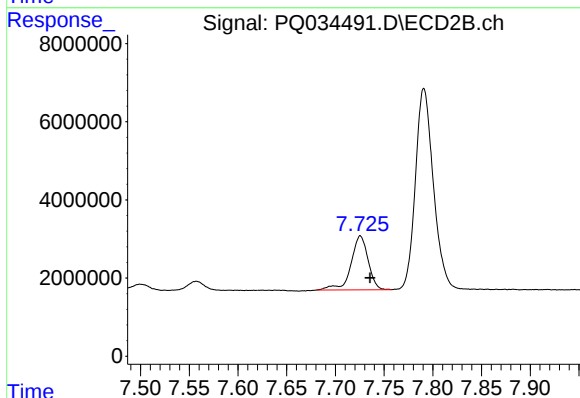
R.T.: 8.293 min
Delta R.T.: -0.010 min
Response: 18178637
Conc: 199.43 ng/ml



#41 AR-1268-1

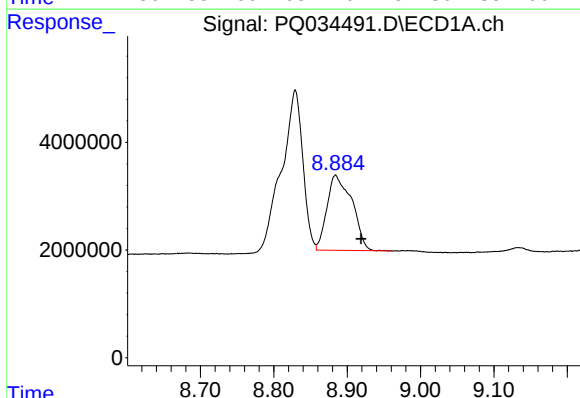
R.T.: 8.829 min
Delta R.T.: 0.006 min
Response: 59180676
Conc: 134.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



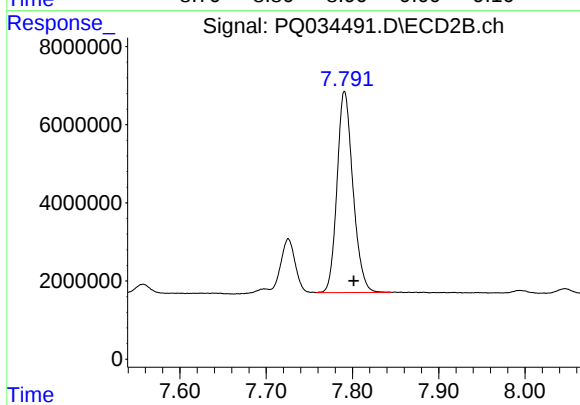
#41 AR-1268-1

R.T.: 7.726 min
Delta R.T.: -0.010 min
Response: 16992591
Conc: 47.74 ng/ml



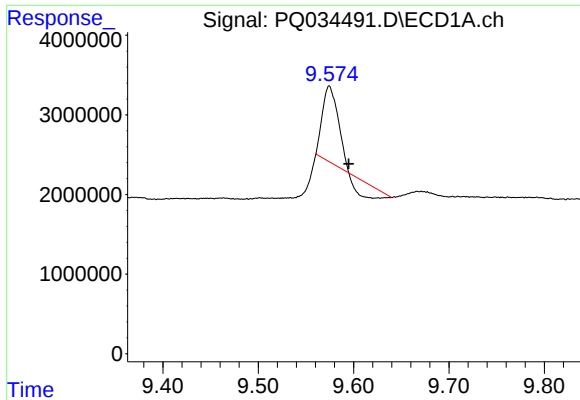
#42 AR-1268-2

R.T.: 8.884 min
Delta R.T.: -0.035 min
Response: 32960206
Conc: 83.01 ng/ml



#42 AR-1268-2

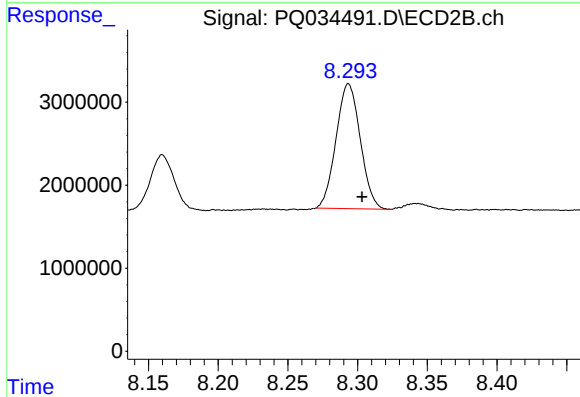
R.T.: 7.791 min
Delta R.T.: -0.011 min
Response: 65984003
Conc: 206.53 ng/ml



#44 AR-1268-4

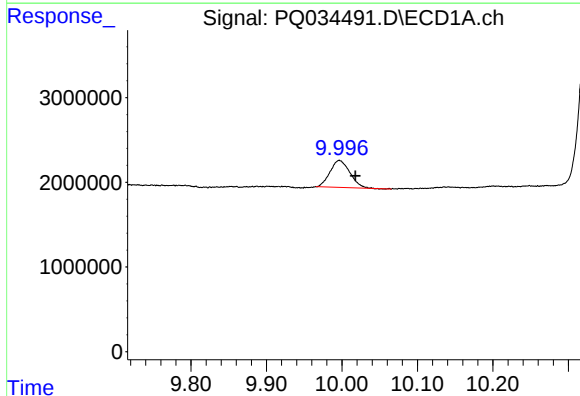
R.T.: 9.575 min
Delta R.T.: -0.020 min
Response: 7325478
Conc: 53.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



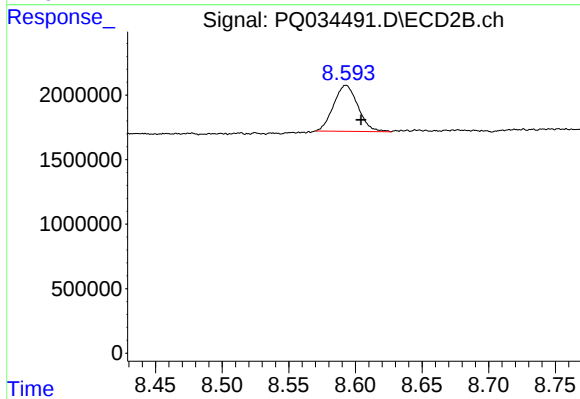
#44 AR-1268-4

R.T.: 8.293 min
Delta R.T.: -0.010 min
Response: 18178637
Conc: 163.52 ng/ml



#45 AR-1268-5

R.T.: 9.997 min
Delta R.T.: -0.021 min
Response: 5846076
Conc: 5.13 ng/ml



#45 AR-1268-5

R.T.: 8.593 min
Delta R.T.: -0.011 min
Response: 4531321
Conc: 5.24 ng/ml