

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111919\
 Data File : PQ045154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2019 11:34
 Operator : SM\AJ
 Sample : K5854-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:07:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.098	4.305	127.2E6	89762592	16.025	19.037
2)	SA Decachlor...	11.161	9.723	139.2E6	155.0E6	20.095	22.840
Target Compounds							
3)	L1 AR-1016-1	6.412	5.584	55825126	38642639	222.138	209.809
4)	L1 AR-1016-2	6.435	5.604	110.5E6	81307203	292.105	307.709
5)	L1 AR-1016-3	6.502	5.801	46213558	29944593	199.052	232.029
6)	L1 AR-1016-4	6.609	5.849	48046748	27459088	253.772	252.871
7)	L1 AR-1016-5	6.923	6.084	52965710	42143584	271.557	275.840
8)	L2 AR-1221-1	0.000	4.555	0	1951526	N.D.	36.383 #
9)	L2 AR-1221-2	5.441	4.670	2737635	5334114	46.628	135.108 #
10)	L2 AR-1221-3	5.529	4.759	23556715	17986453	120.036	137.601
11)	L3 AR-1232-1	5.529	4.759	23556715	17986453	135.131	155.942
12)	L3 AR-1232-2	6.118	5.604	31650415	81307203	352.898	653.724 #
13)	L3 AR-1232-3	6.435	5.801	110.5E6	29944593	625.598	505.652
14)	L3 AR-1232-4	6.609	5.895	48046748	31584644	543.055	525.410
15)	L3 AR-1232-5	6.706	6.084	37015047	42143584	557.959	578.632
16)	L4 AR-1242-1	6.412	5.584	55825126	38642639	259.718	246.466
17)	L4 AR-1242-2	6.435	5.604	110.5E6	81307203	343.478	363.392
18)	L4 AR-1242-3	6.502	5.801	46213558	29944593	232.916	269.418
19)	L4 AR-1242-4	6.609	5.895	48046748	31584644	297.580	264.872
20)	L4 AR-1242-5	7.389	6.466	63265168	65607093	349.600	399.550
21)	L5 AR-1248-1	6.412	5.584	55825126	38642639	331.464	310.504
22)	L5 AR-1248-2	6.706	5.849	37015047	27459088	151.123	161.307
23)	L5 AR-1248-3	6.923	5.895	52965710	31584644	194.614	176.607
24)	L5 AR-1248-4	7.351	6.084	52974445	42143584	174.910	193.611
25)	L5 AR-1248-5	7.389	6.510	63265168	54964407	221.170	246.491
26)	L6 AR-1254-1	7.321	6.466	42568902	65607093	131.566	180.348 #
27)	L6 AR-1254-2	7.554	6.624	60298587	21805466	121.447	67.702 #
28)	L6 AR-1254-3	7.932	7.052	39573089	46746570	74.349	84.275
29)	L6 AR-1254-4	8.227	7.291	26403797	29443463	68.352	82.377
30)	L6 AR-1254-5	8.656	7.726	25614513	27632984	59.295	55.263
31)	L7 AR-1260-1	8.099	7.187	12682708	29217216	40.607	95.365 #
32)	L7 AR-1260-2	8.363	7.384	21401174	17261842	52.270	43.717
33)	L7 AR-1260-3	8.731	7.544	11447291	14902344	35.063	43.499
34)	L7 AR-1260-4	8.960	8.030	21228432	9883647	55.825	32.230 #
35)	L7 AR-1260-5	9.297	8.278	20607437	27903968	26.770	35.654 #
36)	L8 AR-1262-1	8.790	7.726	4870673	27632984	23.350	109.181 #
37)	L8 AR-1262-2	9.297	8.278	20607437	27903968	22.816	28.279
38)	L8 AR-1262-3	9.617	8.567	16311991	11652673	26.746	30.242
39)	L8 AR-1262-4	9.712	8.633	14354958	21723046	31.596	29.487
40)	L8 AR-1262-5	10.390	9.146	5501762	10712785	17.986	30.769 #
41)	L9 AR-1268-1	9.617	8.567	16311991	11652673	14.607	9.691 #

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 ALS Vial : 10 Sample Multiplier: 1

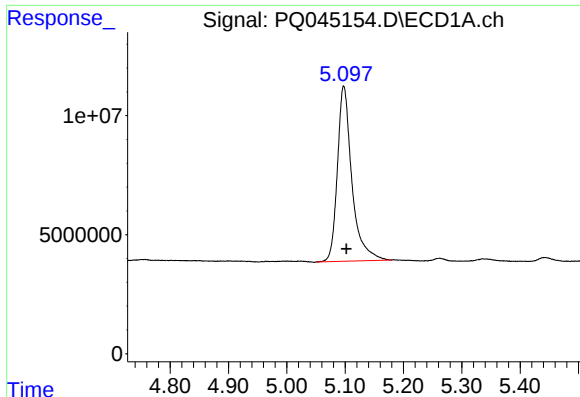
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:07:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.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	9.712	8.633	14354958	21723046	14.122	19.507 #
43) L9	AR-1268-3	9.946	8.844	1972666	4612137	2.256	4.958 #
44) L9	AR-1268-4	10.390	9.146	5501762	10712785	15.848	26.599 #
45) L9	AR-1268-5	10.816	9.451	11442153	16319669	4.386	5.400

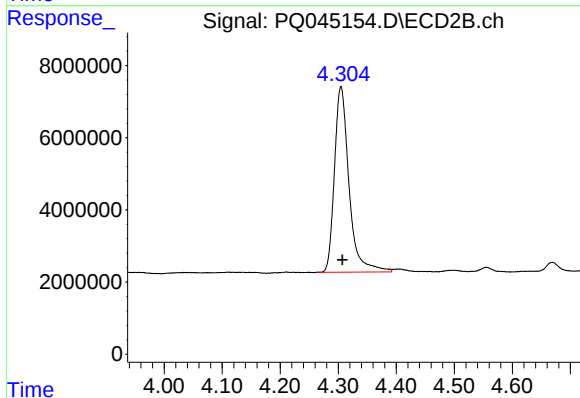
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

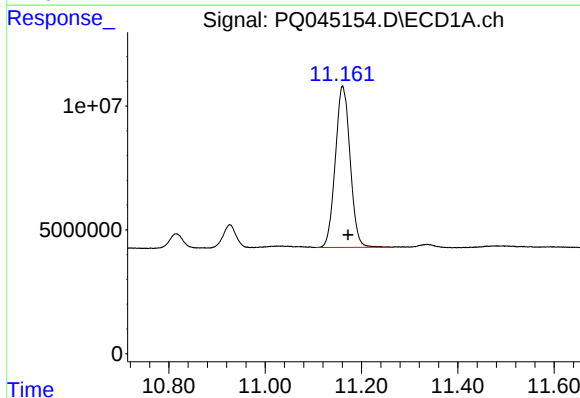
R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 127206884
Conc: 16.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



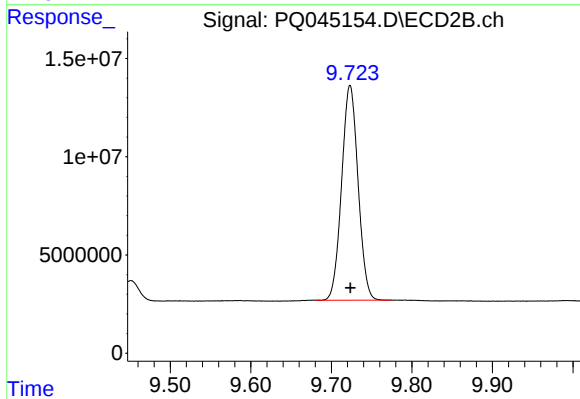
#1 Tetrachloro-m-xylene

R.T.: 4.305 min
Delta R.T.: -0.002 min
Response: 89762592
Conc: 19.04 ng/ml



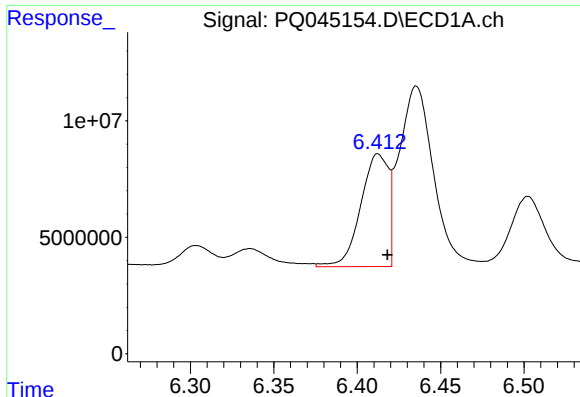
#2 Decachlorobiphenyl

R.T.: 11.161 min
Delta R.T.: -0.011 min
Response: 139176324
Conc: 20.09 ng/ml



#2 Decachlorobiphenyl

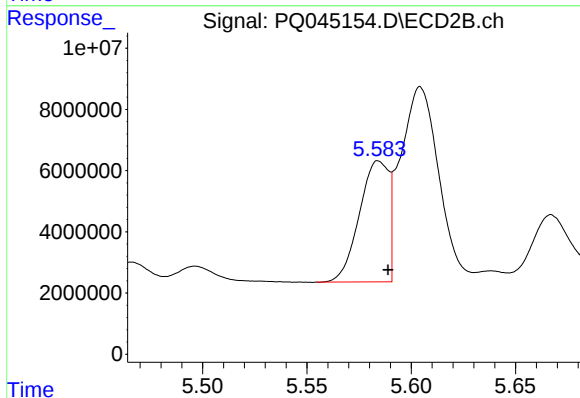
R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 154973419
Conc: 22.84 ng/ml



#3 AR-1016-1

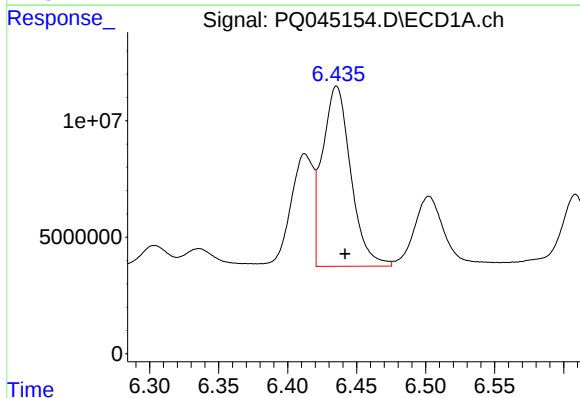
R.T.: 6.412 min
Delta R.T.: -0.006 min
Response: 55825126
Conc: 222.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



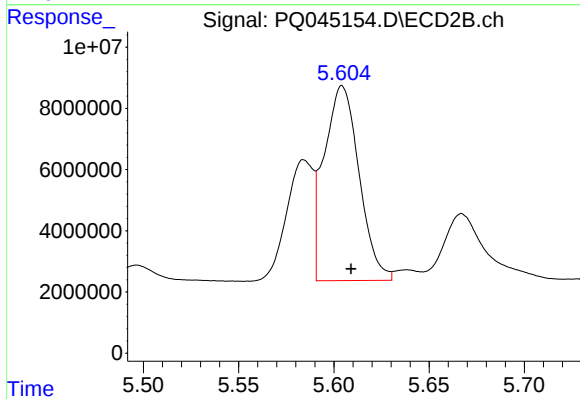
#3 AR-1016-1

R.T.: 5.584 min
Delta R.T.: -0.005 min
Response: 38642639
Conc: 209.81 ng/ml



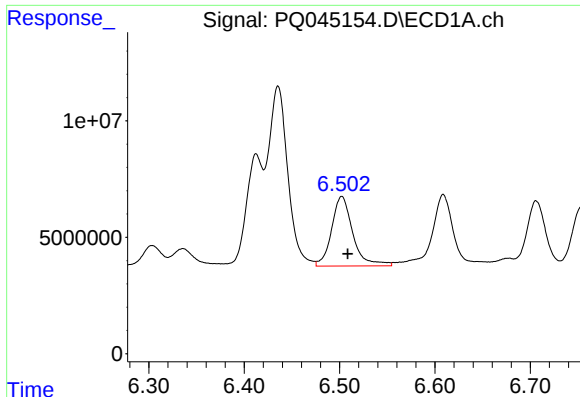
#4 AR-1016-2

R.T.: 6.435 min
Delta R.T.: -0.006 min
Response: 110458033
Conc: 292.10 ng/ml



#4 AR-1016-2

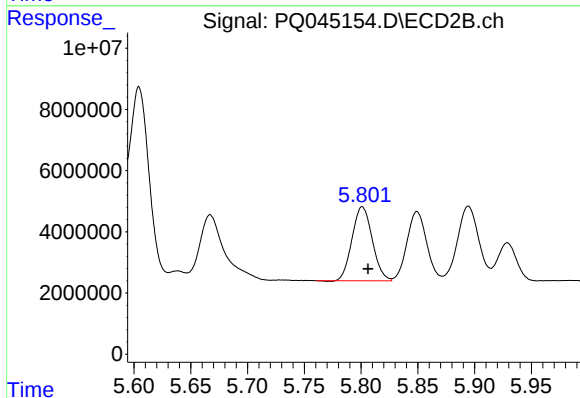
R.T.: 5.604 min
Delta R.T.: -0.005 min
Response: 81307203
Conc: 307.71 ng/ml



#5 AR-1016-3

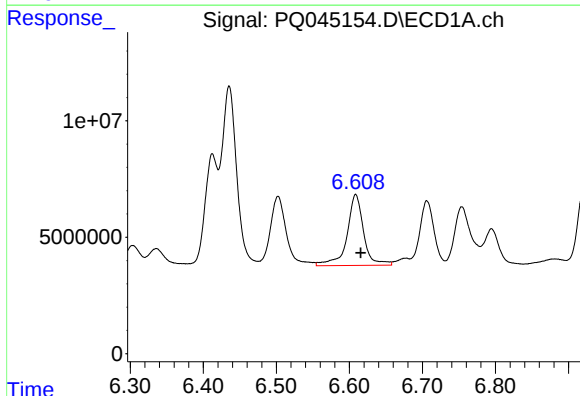
R.T.: 6.502 min
Delta R.T.: -0.006 min
Response: 46213558
Conc: 199.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



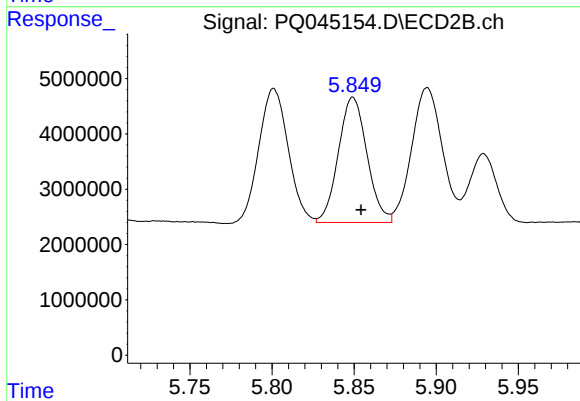
#5 AR-1016-3

R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 29944593
Conc: 232.03 ng/ml



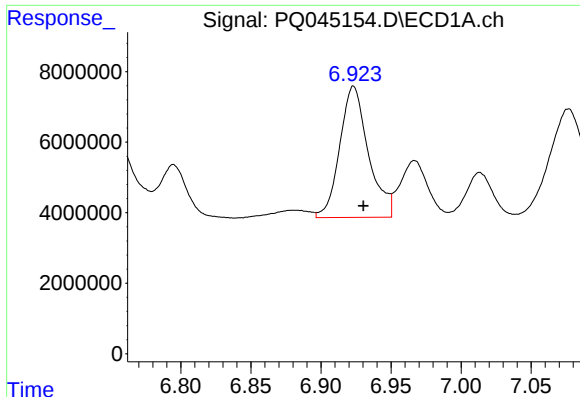
#6 AR-1016-4

R.T.: 6.609 min
Delta R.T.: -0.007 min
Response: 48046748
Conc: 253.77 ng/ml



#6 AR-1016-4

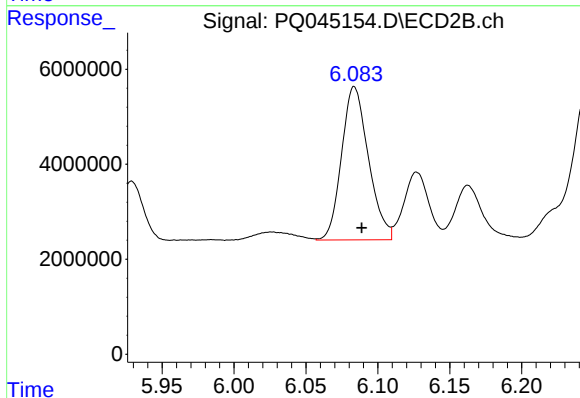
R.T.: 5.849 min
Delta R.T.: -0.005 min
Response: 27459088
Conc: 252.87 ng/ml



#7 AR-1016-5

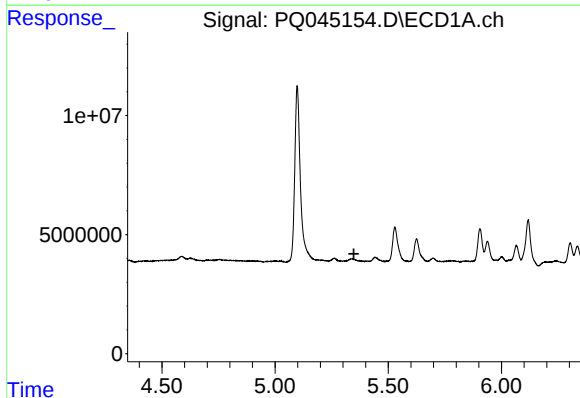
R.T.: 6.923 min
Delta R.T.: -0.007 min
Response: 52965710
Conc: 271.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



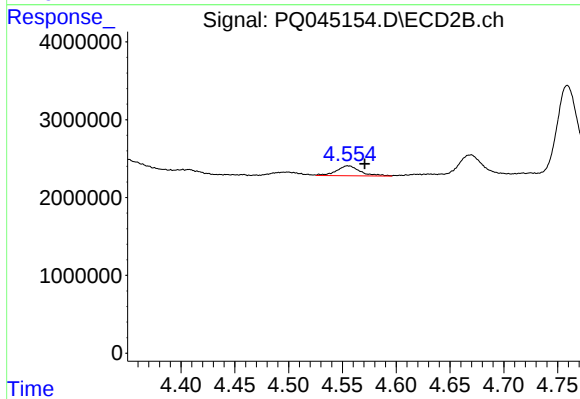
#7 AR-1016-5

R.T.: 6.084 min
Delta R.T.: -0.005 min
Response: 42143584
Conc: 275.84 ng/ml



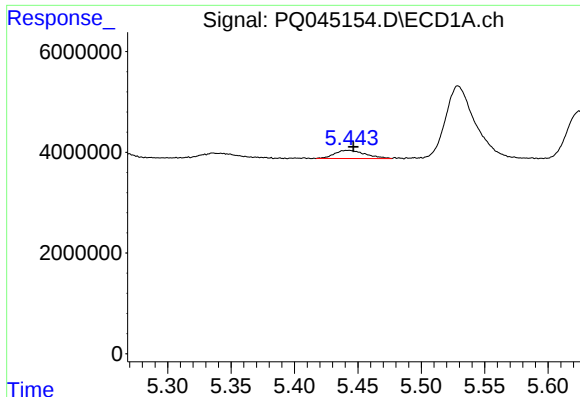
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#8 AR-1221-1

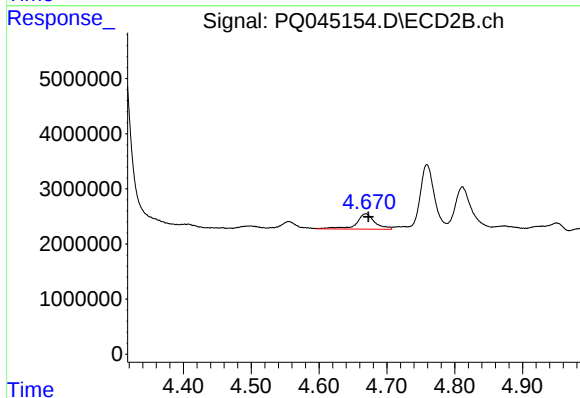
R.T.: 4.555 min
Delta R.T.: -0.016 min
Response: 1951526
Conc: 36.38 ng/ml



#9 AR-1221-2

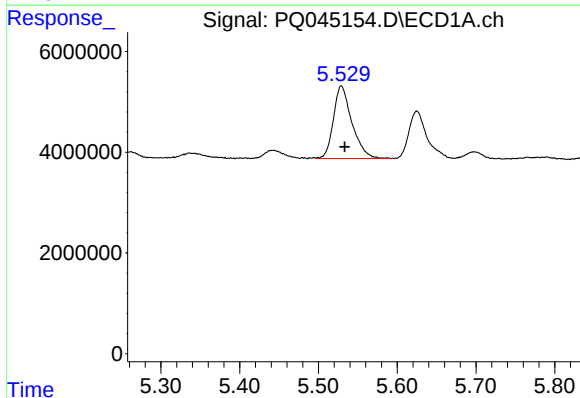
R.T.: 5.441 min
Delta R.T.: -0.005 min
Response: 2737635
Conc: 46.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



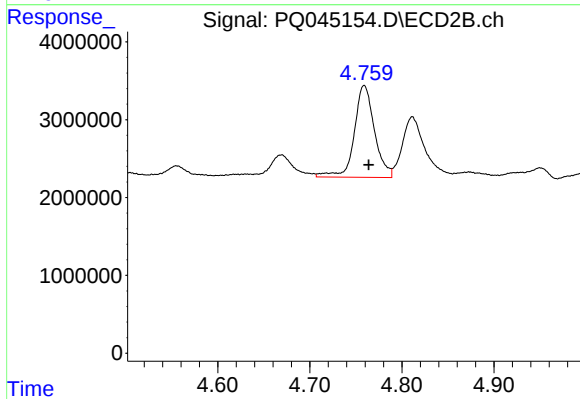
#9 AR-1221-2

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 5334114
Conc: 135.11 ng/ml



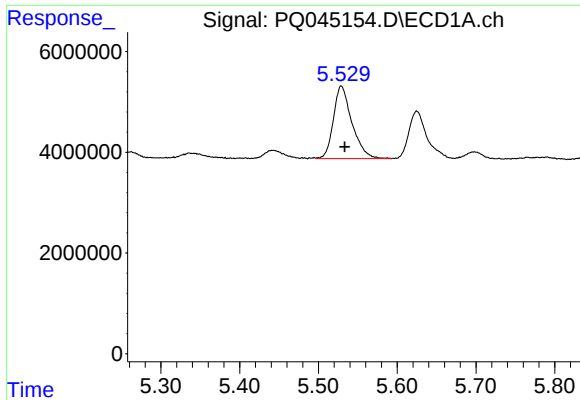
#10 AR-1221-3

R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 23556715
Conc: 120.04 ng/ml



#10 AR-1221-3

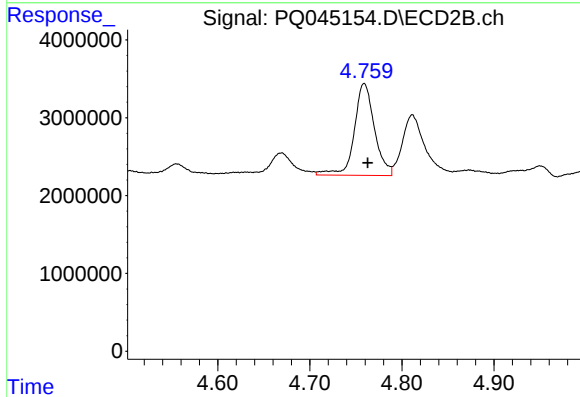
R.T.: 4.759 min
Delta R.T.: -0.005 min
Response: 17986453
Conc: 137.60 ng/ml



#11 AR-1232-1

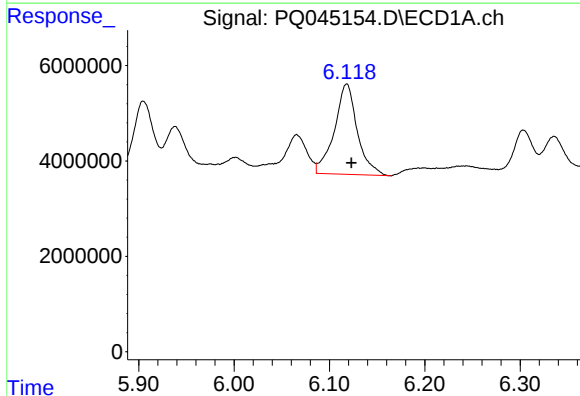
R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 23556715
Conc: 135.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



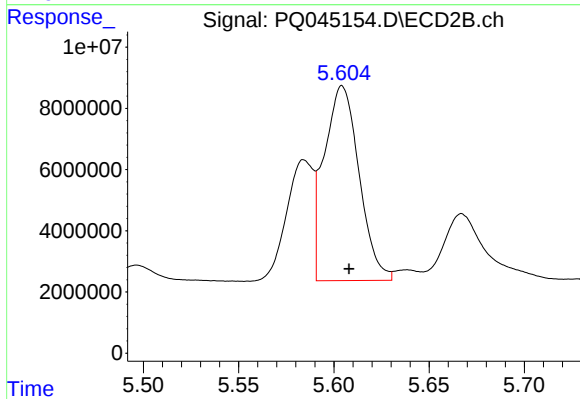
#11 AR-1232-1

R.T.: 4.759 min
Delta R.T.: -0.004 min
Response: 17986453
Conc: 155.94 ng/ml



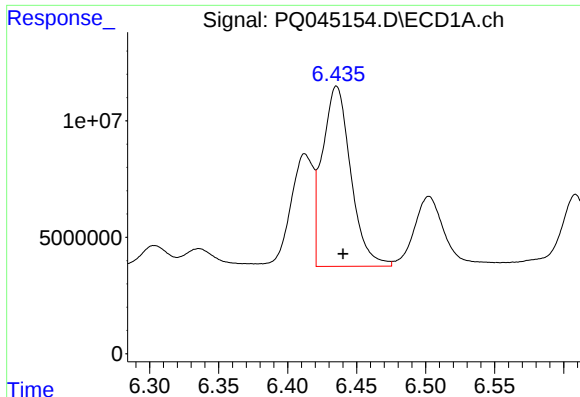
#12 AR-1232-2

R.T.: 6.118 min
Delta R.T.: -0.005 min
Response: 31650415
Conc: 352.90 ng/ml



#12 AR-1232-2

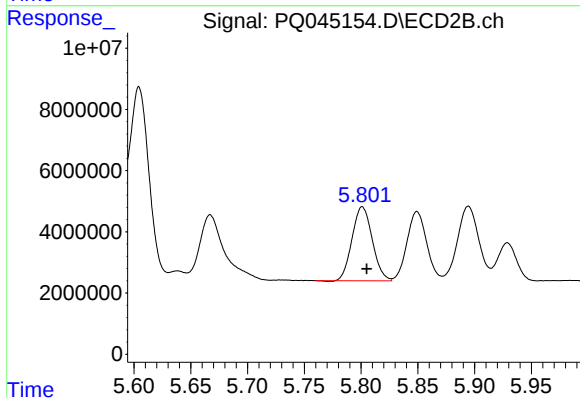
R.T.: 5.604 min
Delta R.T.: -0.004 min
Response: 81307203
Conc: 653.72 ng/ml



#13 AR-1232-3

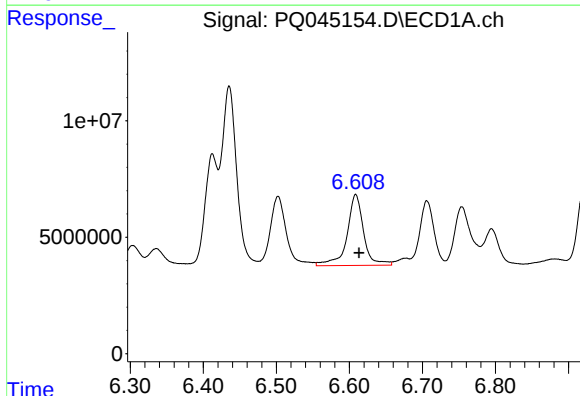
R.T.: 6.435 min
Delta R.T.: -0.005 min
Response: 110458033
Conc: 625.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



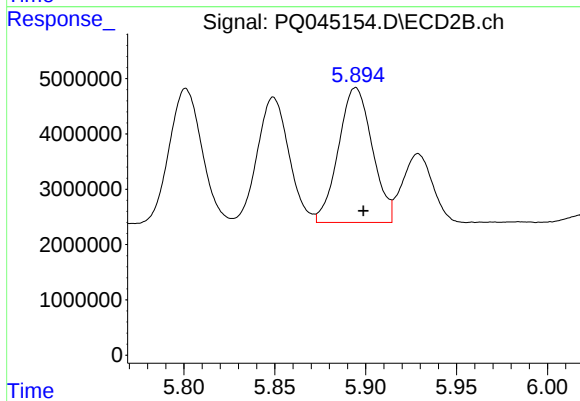
#13 AR-1232-3

R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 29944593
Conc: 505.65 ng/ml



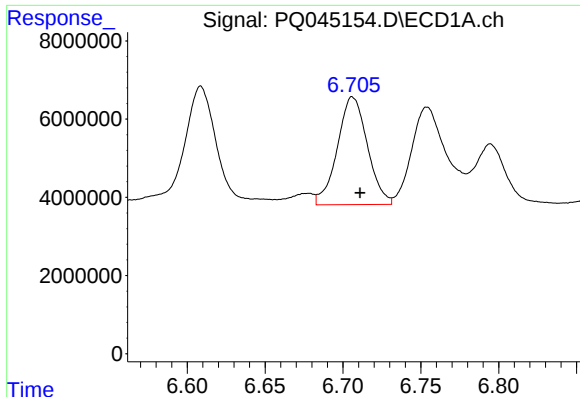
#14 AR-1232-4

R.T.: 6.609 min
Delta R.T.: -0.005 min
Response: 48046748
Conc: 543.05 ng/ml



#14 AR-1232-4

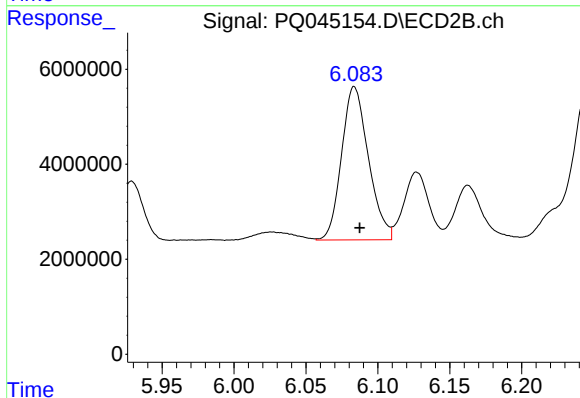
R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 31584644
Conc: 525.41 ng/ml



#15 AR-1232-5

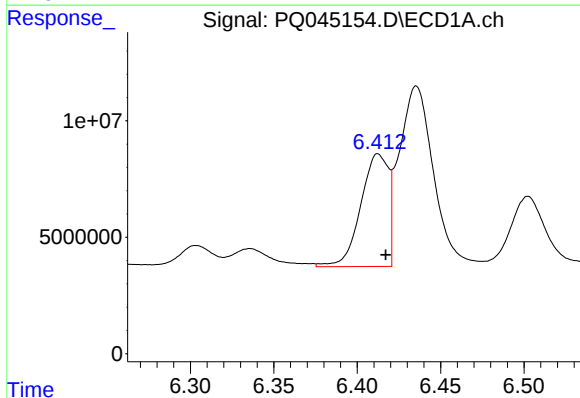
R.T.: 6.706 min
Delta R.T.: -0.005 min
Response: 37015047
Conc: 557.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



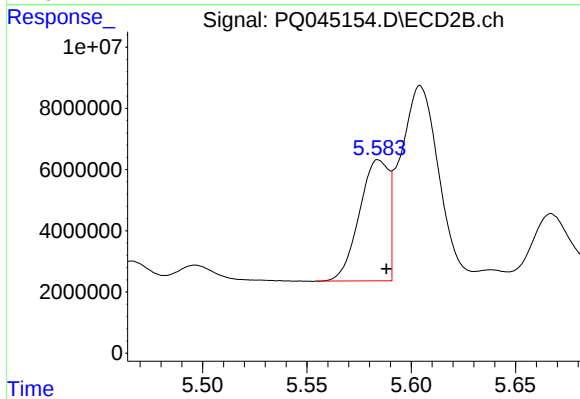
#15 AR-1232-5

R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 42143584
Conc: 578.63 ng/ml



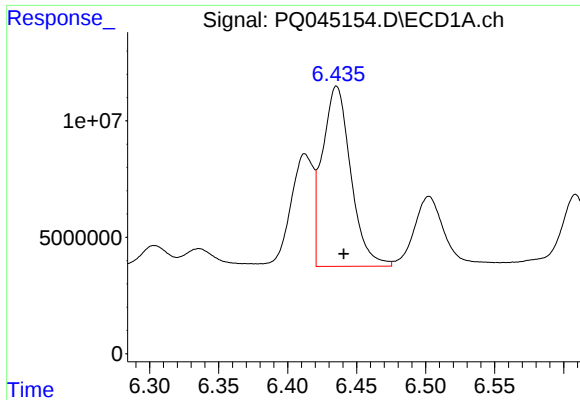
#16 AR-1242-1

R.T.: 6.412 min
Delta R.T.: -0.005 min
Response: 55825126
Conc: 259.72 ng/ml



#16 AR-1242-1

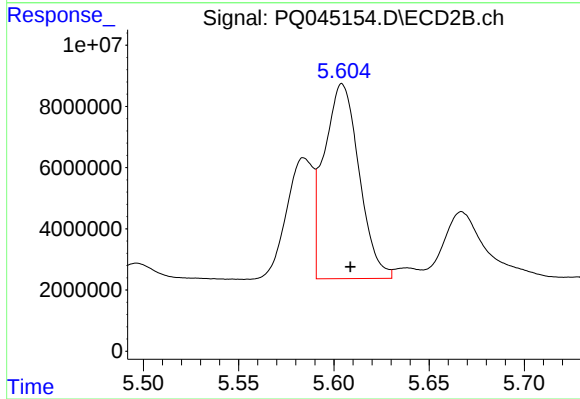
R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 38642639
Conc: 246.47 ng/ml



#17 AR-1242-2

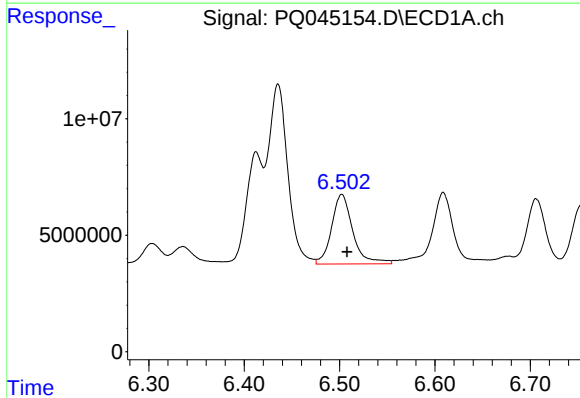
R.T.: 6.435 min
Delta R.T.: -0.005 min
Response: 110458033
Conc: 343.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



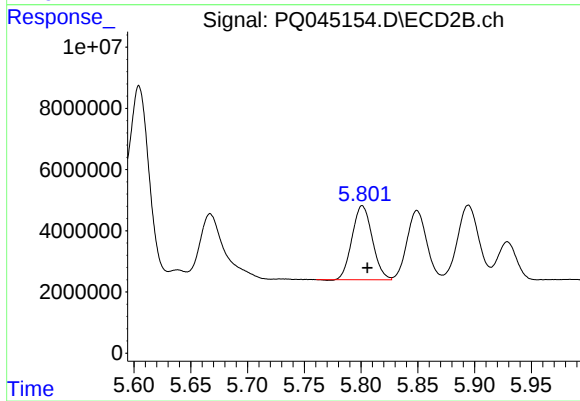
#17 AR-1242-2

R.T.: 5.604 min
Delta R.T.: -0.004 min
Response: 81307203
Conc: 363.39 ng/ml



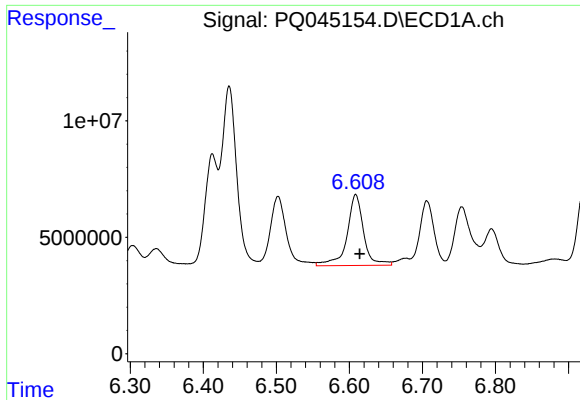
#18 AR-1242-3

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 46213558
Conc: 232.92 ng/ml



#18 AR-1242-3

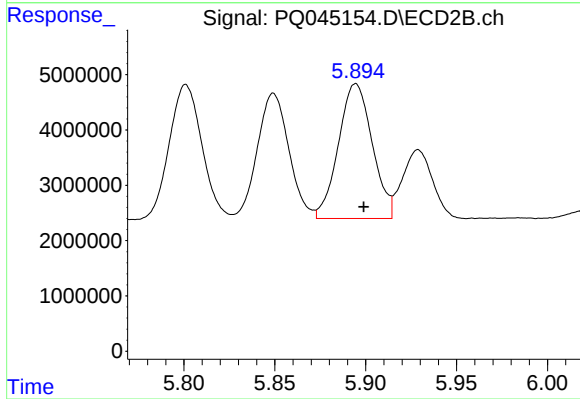
R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 29944593
Conc: 269.42 ng/ml



#19 AR-1242-4

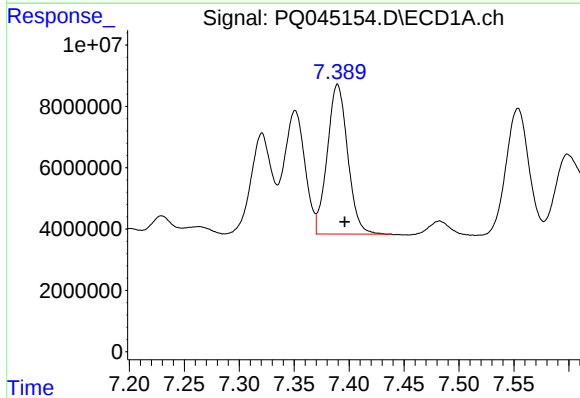
R.T.: 6.609 min
Delta R.T.: -0.005 min
Response: 48046748
Conc: 297.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



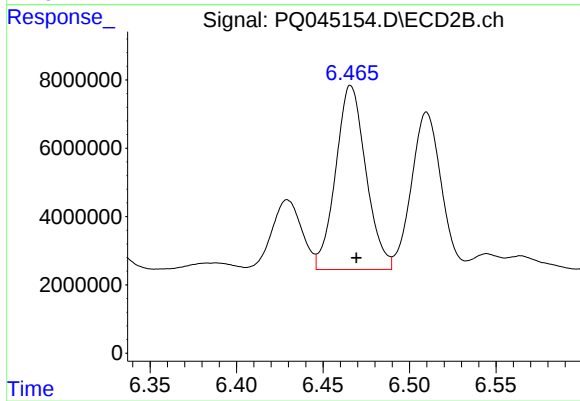
#19 AR-1242-4

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 31584644
Conc: 264.87 ng/ml



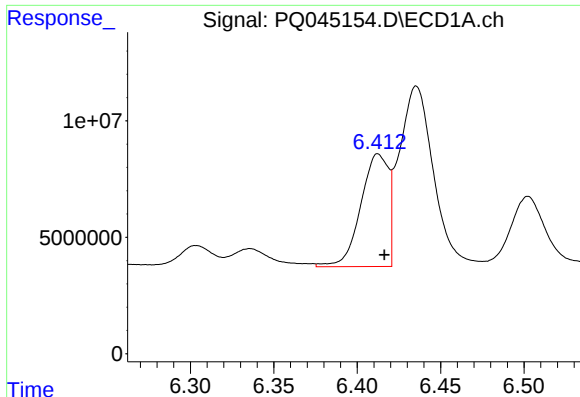
#20 AR-1242-5

R.T.: 7.389 min
Delta R.T.: -0.006 min
Response: 63265168
Conc: 349.60 ng/ml



#20 AR-1242-5

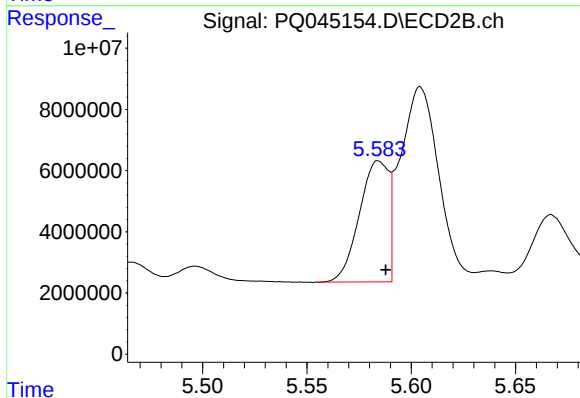
R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 65607093
Conc: 399.55 ng/ml



#21 AR-1248-1

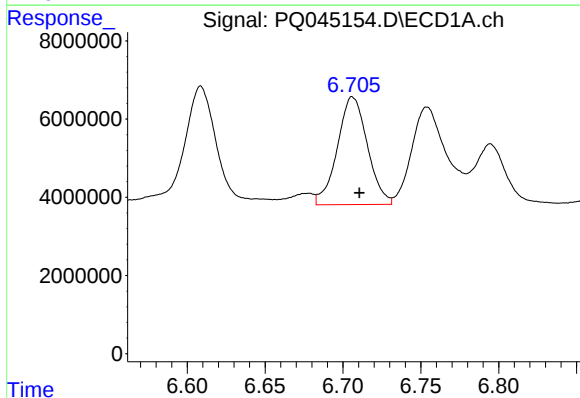
R.T.: 6.412 min
Delta R.T.: -0.004 min
Response: 55825126
Conc: 331.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



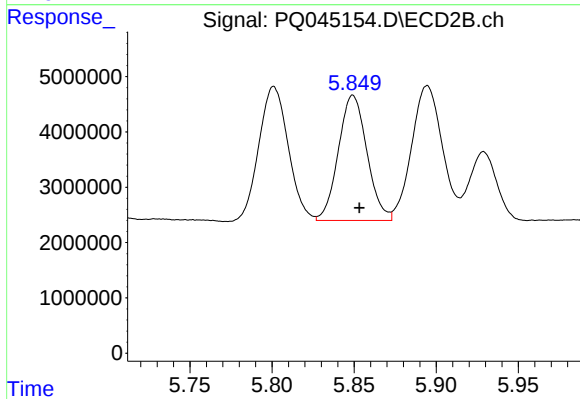
#21 AR-1248-1

R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 38642639
Conc: 310.50 ng/ml



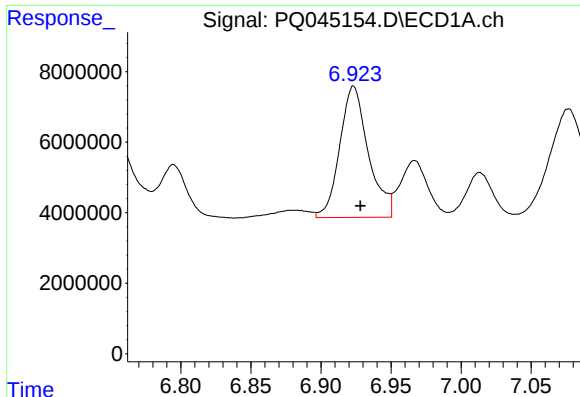
#22 AR-1248-2

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 37015047
Conc: 151.12 ng/ml



#22 AR-1248-2

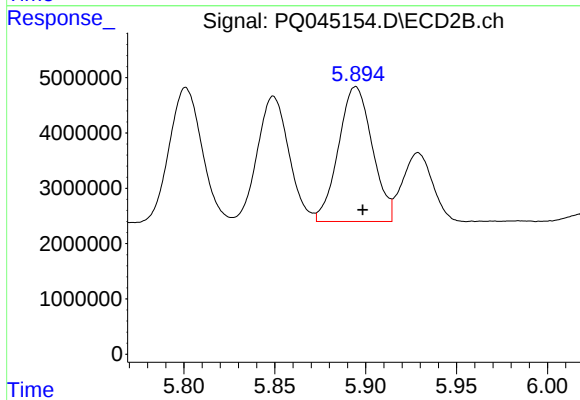
R.T.: 5.849 min
Delta R.T.: -0.004 min
Response: 27459088
Conc: 161.31 ng/ml



#23 AR-1248-3

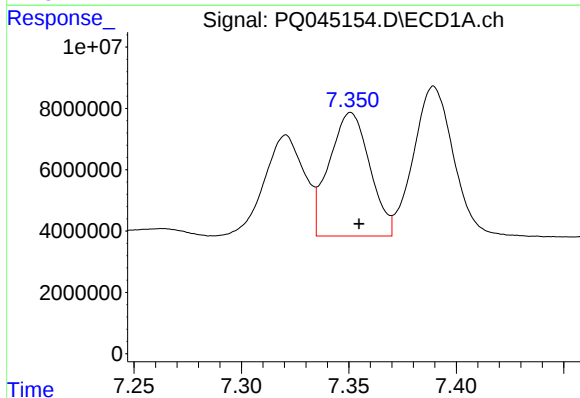
R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 52965710
Conc: 194.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



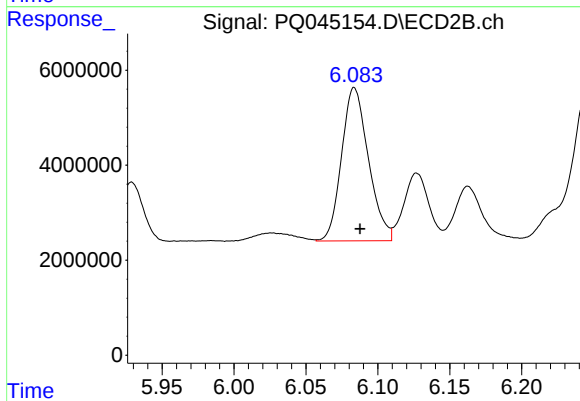
#23 AR-1248-3

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 31584644
Conc: 176.61 ng/ml



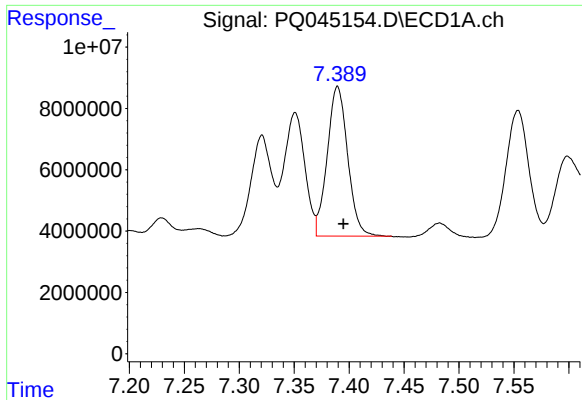
#24 AR-1248-4

R.T.: 7.351 min
Delta R.T.: -0.004 min
Response: 52974445
Conc: 174.91 ng/ml



#24 AR-1248-4

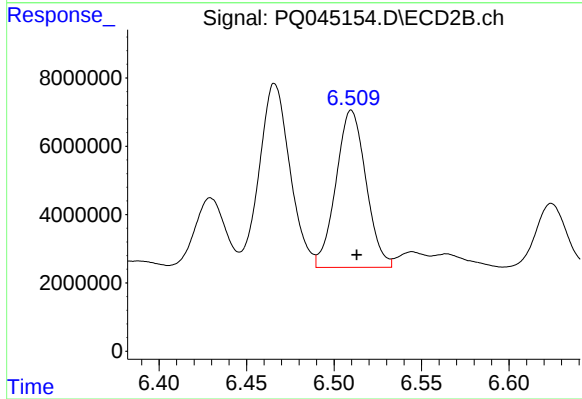
R.T.: 6.084 min
Delta R.T.: -0.004 min
Response: 42143584
Conc: 193.61 ng/ml



#25 AR-1248-5

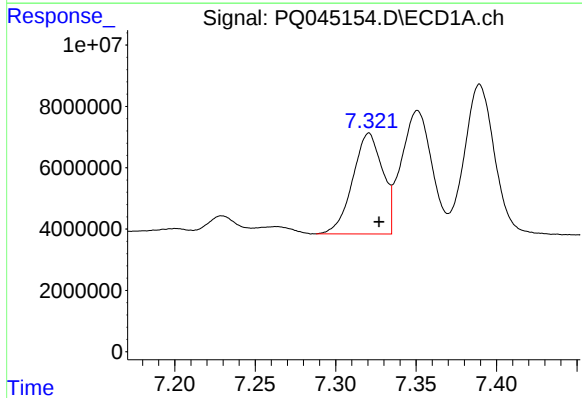
R.T.: 7.389 min
Delta R.T.: -0.005 min
Response: 63265168
Conc: 221.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



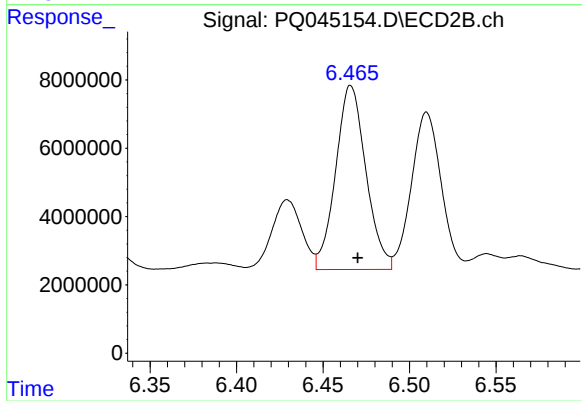
#25 AR-1248-5

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 54964407
Conc: 246.49 ng/ml



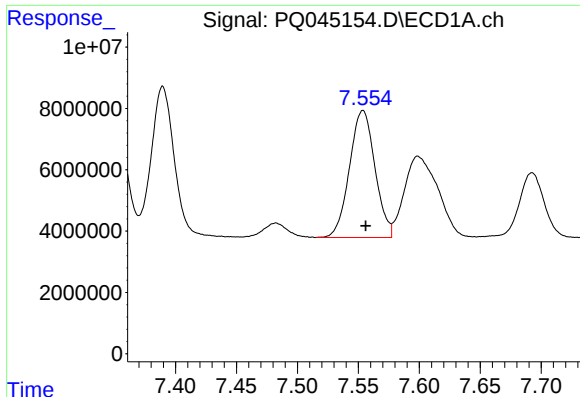
#26 AR-1254-1

R.T.: 7.321 min
Delta R.T.: -0.006 min
Response: 42568902
Conc: 131.57 ng/ml



#26 AR-1254-1

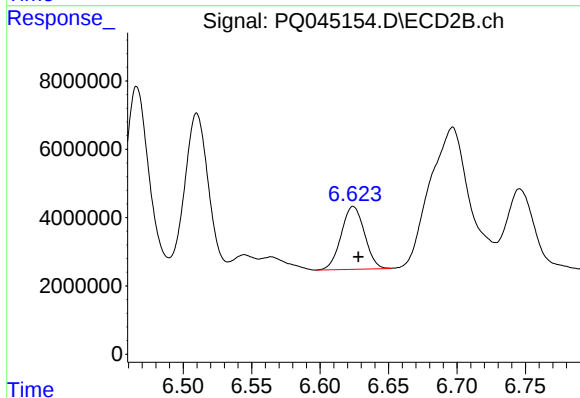
R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 65607093
Conc: 180.35 ng/ml



#27 AR-1254-2

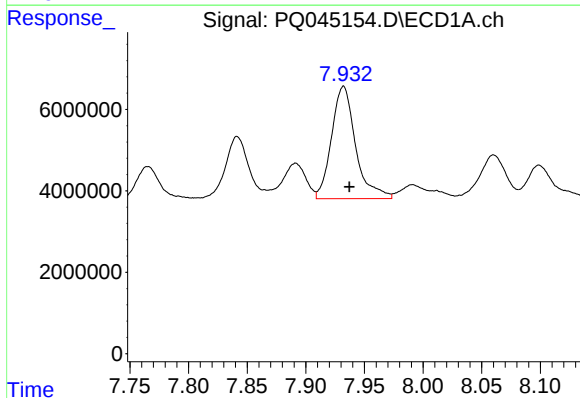
R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 60298587
Conc: 121.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



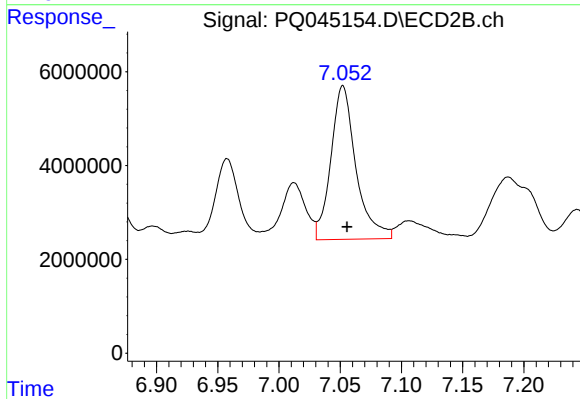
#27 AR-1254-2

R.T.: 6.624 min
Delta R.T.: -0.004 min
Response: 21805466
Conc: 67.70 ng/ml



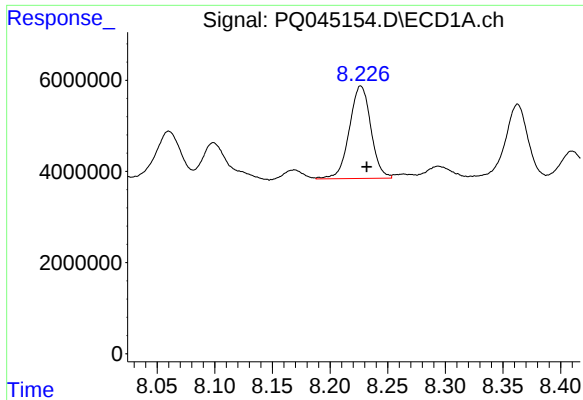
#28 AR-1254-3

R.T.: 7.932 min
Delta R.T.: -0.005 min
Response: 39573089
Conc: 74.35 ng/ml



#28 AR-1254-3

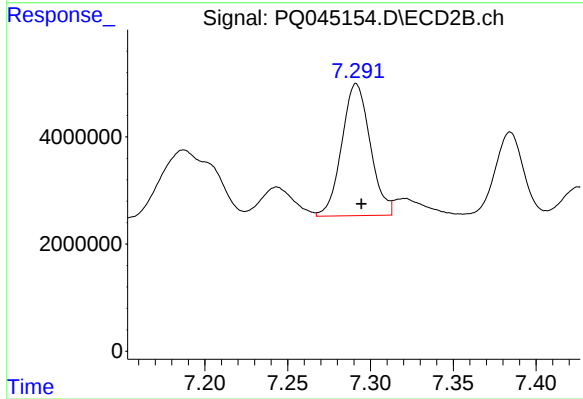
R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 46746570
Conc: 84.27 ng/ml



#29 AR-1254-4

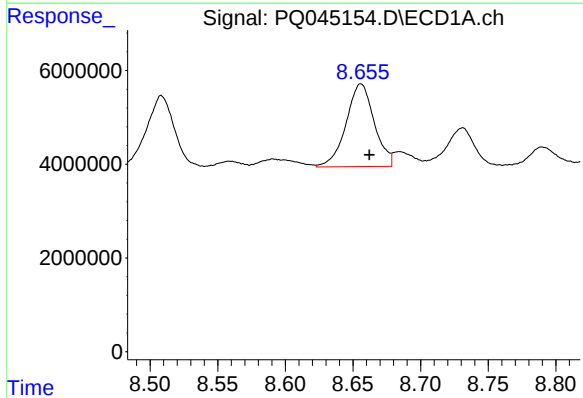
R.T.: 8.227 min
Delta R.T.: -0.005 min
Response: 26403797
Conc: 68.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



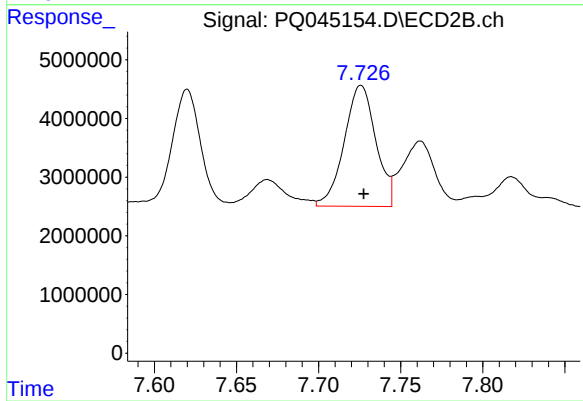
#29 AR-1254-4

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 29443463
Conc: 82.38 ng/ml



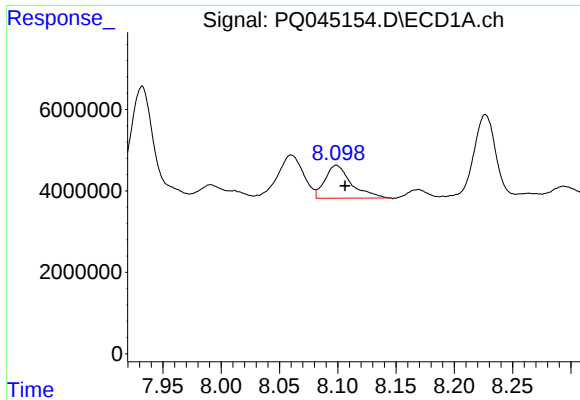
#30 AR-1254-5

R.T.: 8.656 min
Delta R.T.: -0.006 min
Response: 25614513
Conc: 59.30 ng/ml



#30 AR-1254-5

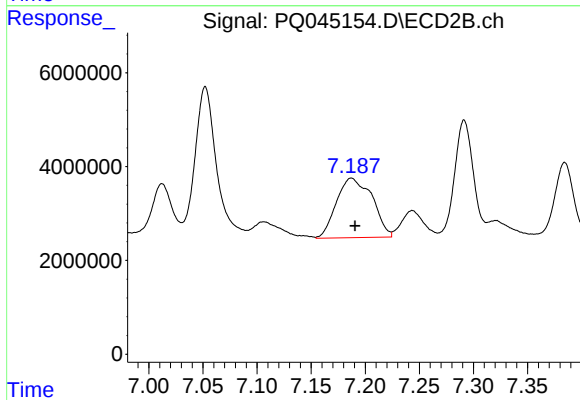
R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 27632984
Conc: 55.26 ng/ml



#31 AR-1260-1

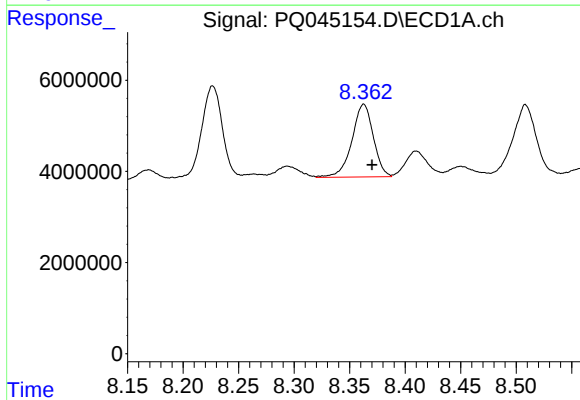
R.T.: 8.099 min
Delta R.T.: -0.007 min
Response: 12682708
Conc: 40.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



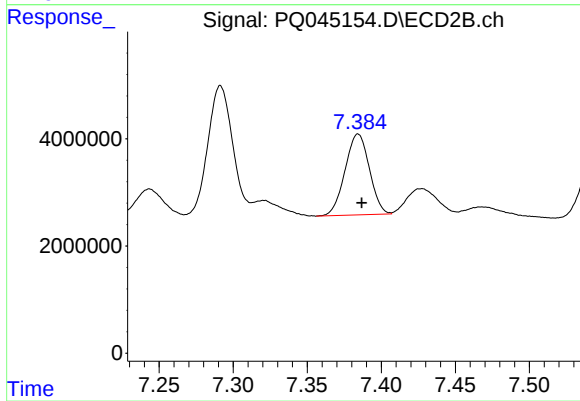
#31 AR-1260-1

R.T.: 7.187 min
Delta R.T.: -0.004 min
Response: 29217216
Conc: 95.36 ng/ml



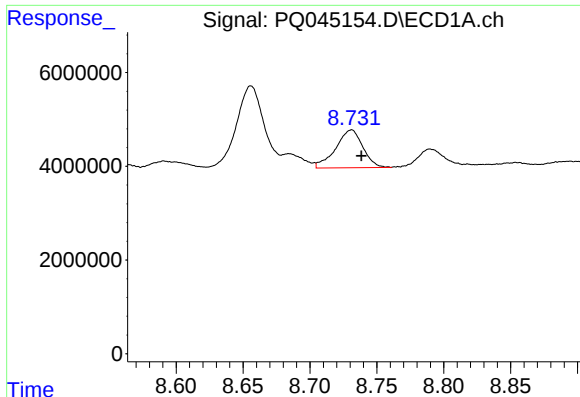
#32 AR-1260-2

R.T.: 8.363 min
Delta R.T.: -0.007 min
Response: 21401174
Conc: 52.27 ng/ml



#32 AR-1260-2

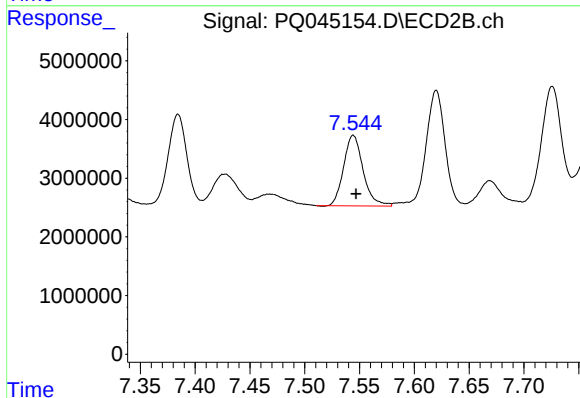
R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 17261842
Conc: 43.72 ng/ml



#33 AR-1260-3

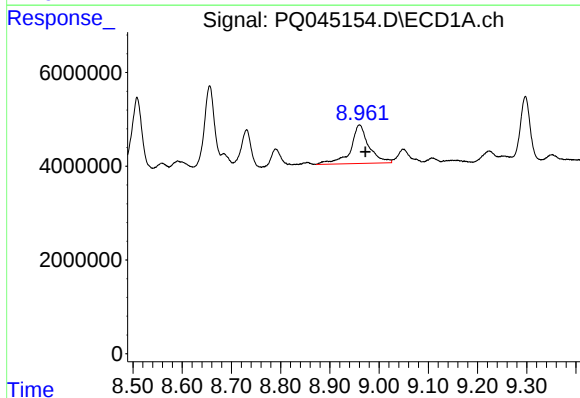
R.T.: 8.731 min
Delta R.T.: -0.007 min
Response: 11447291
Conc: 35.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



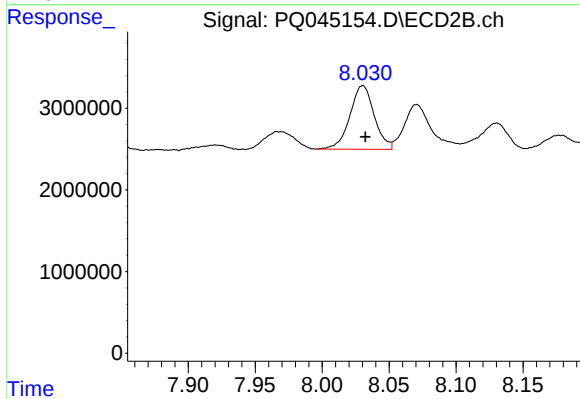
#33 AR-1260-3

R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 14902344
Conc: 43.50 ng/ml



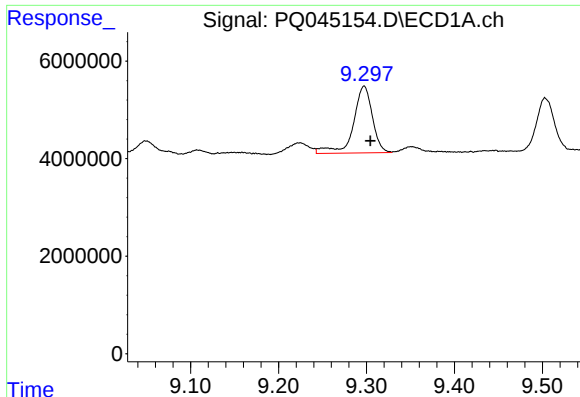
#34 AR-1260-4

R.T.: 8.960 min
Delta R.T.: -0.012 min
Response: 21228432
Conc: 55.82 ng/ml



#34 AR-1260-4

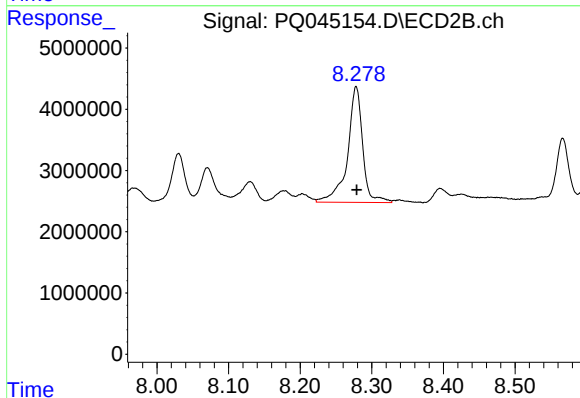
R.T.: 8.030 min
Delta R.T.: -0.002 min
Response: 9883647
Conc: 32.23 ng/ml



#35 AR-1260-5

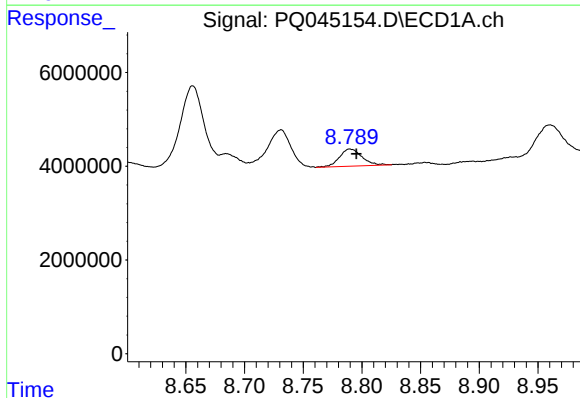
R.T.: 9.297 min
Delta R.T.: -0.007 min
Response: 20607437
Conc: 26.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



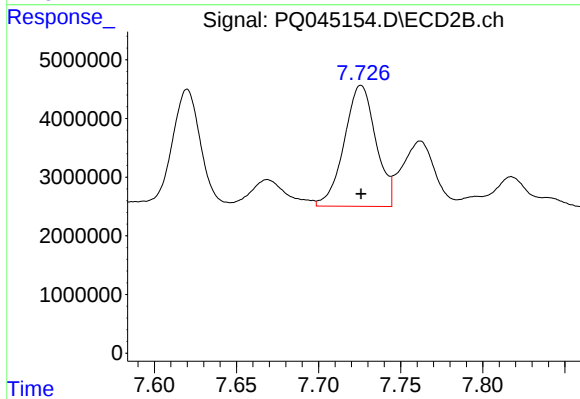
#35 AR-1260-5

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 27903968
Conc: 35.65 ng/ml



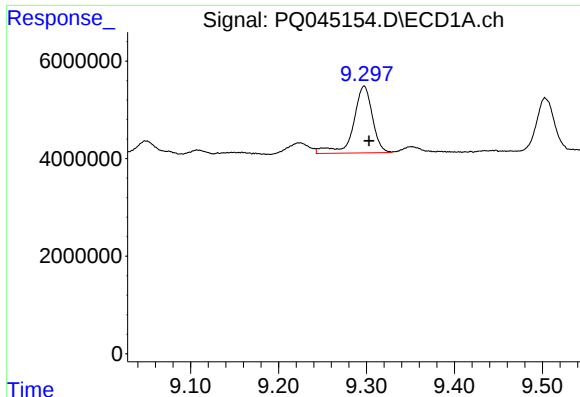
#36 AR-1262-1

R.T.: 8.790 min
Delta R.T.: -0.005 min
Response: 4870673
Conc: 23.35 ng/ml



#36 AR-1262-1

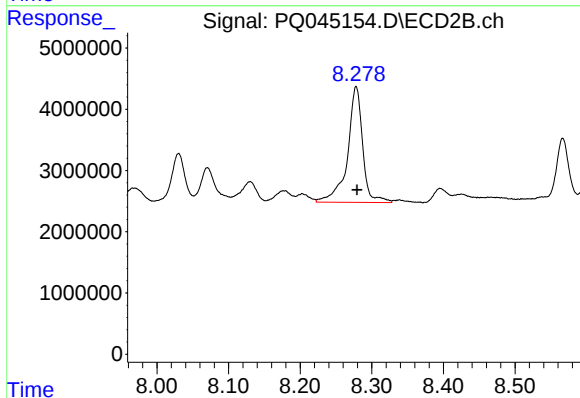
R.T.: 7.726 min
Delta R.T.: 0.000 min
Response: 27632984
Conc: 109.18 ng/ml



#37 AR-1262-2

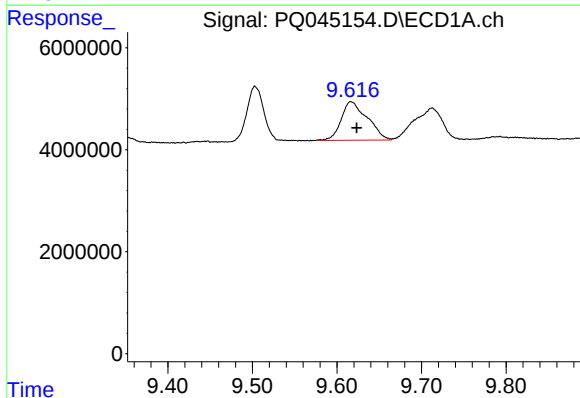
R.T.: 9.297 min
Delta R.T.: -0.006 min
Response: 20607437
Conc: 22.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



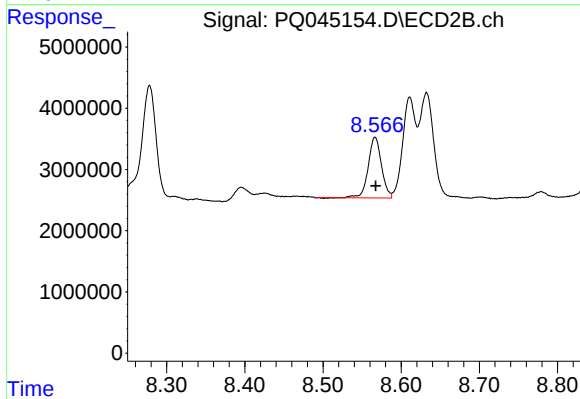
#37 AR-1262-2

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 27903968
Conc: 28.28 ng/ml



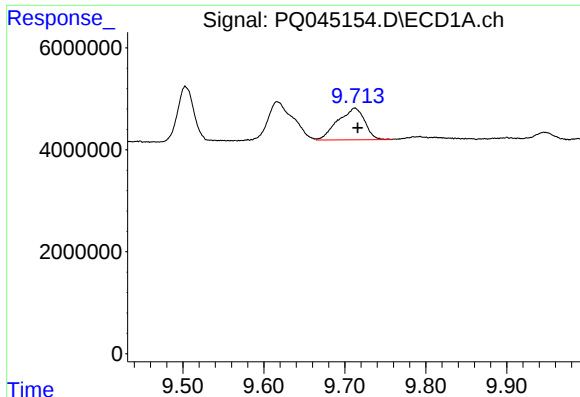
#38 AR-1262-3

R.T.: 9.617 min
Delta R.T.: -0.007 min
Response: 16311991
Conc: 26.75 ng/ml



#38 AR-1262-3

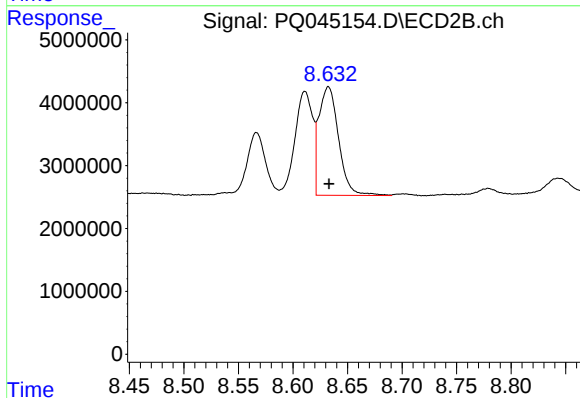
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 11652673
Conc: 30.24 ng/ml



#39 AR-1262-4

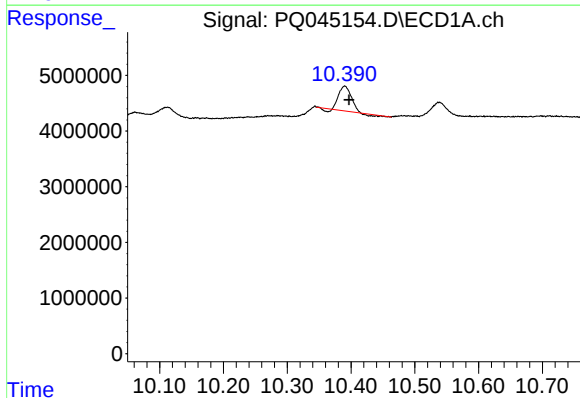
R.T.: 9.712 min
Delta R.T.: -0.004 min
Response: 14354958
Conc: 31.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



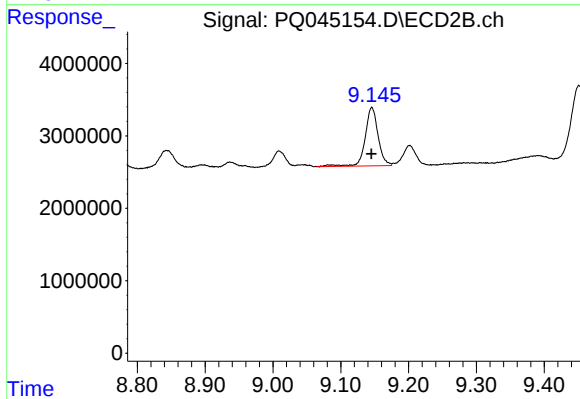
#39 AR-1262-4

R.T.: 8.633 min
Delta R.T.: 0.000 min
Response: 21723046
Conc: 29.49 ng/ml



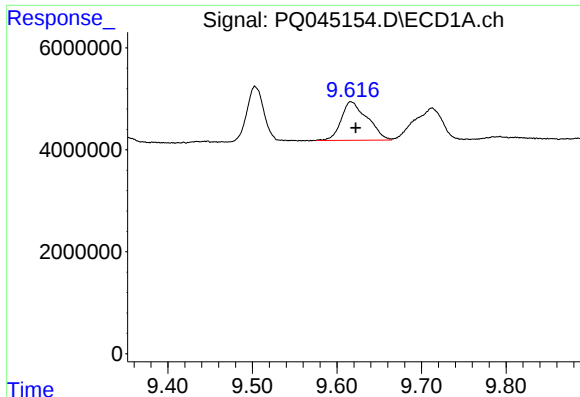
#40 AR-1262-5

R.T.: 10.390 min
Delta R.T.: -0.007 min
Response: 5501762
Conc: 17.99 ng/ml



#40 AR-1262-5

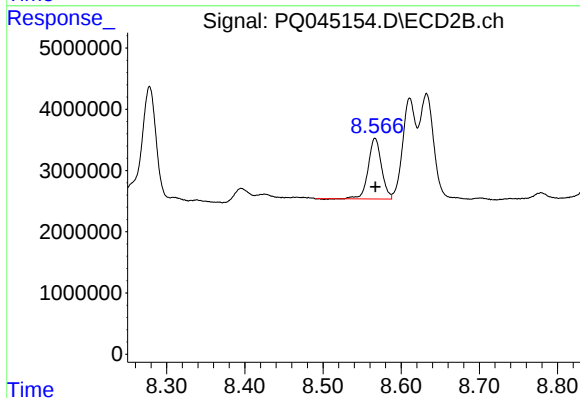
R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 10712785
Conc: 30.77 ng/ml



#41 AR-1268-1

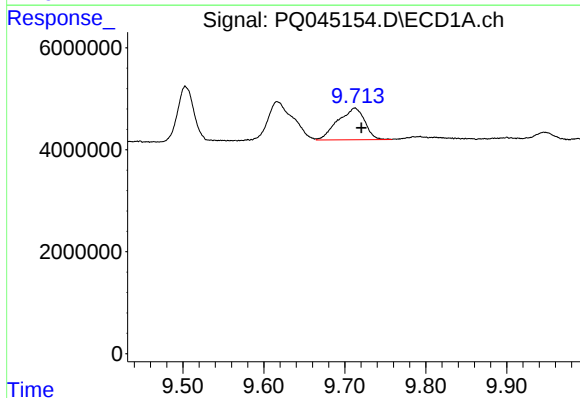
R.T.: 9.617 min
Delta R.T.: -0.006 min
Response: 16311991
Conc: 14.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



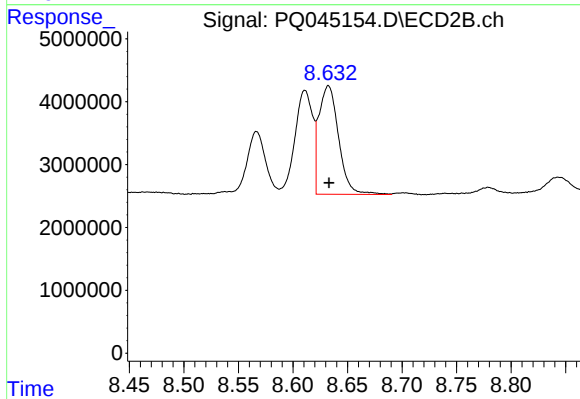
#41 AR-1268-1

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 11652673
Conc: 9.69 ng/ml



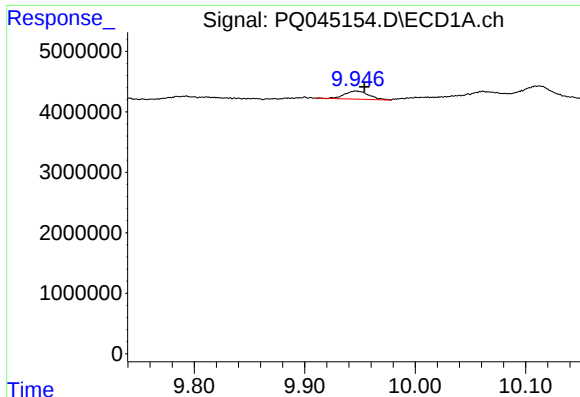
#42 AR-1268-2

R.T.: 9.712 min
Delta R.T.: -0.008 min
Response: 14354958
Conc: 14.12 ng/ml



#42 AR-1268-2

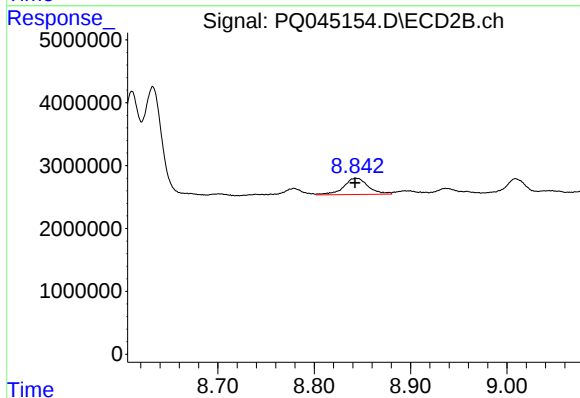
R.T.: 8.633 min
Delta R.T.: 0.000 min
Response: 21723046
Conc: 19.51 ng/ml



#43 AR-1268-3

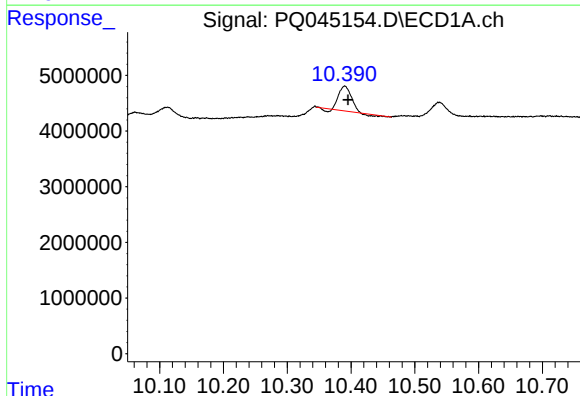
R.T.: 9.946 min
Delta R.T.: -0.008 min
Response: 1972666
Conc: 2.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



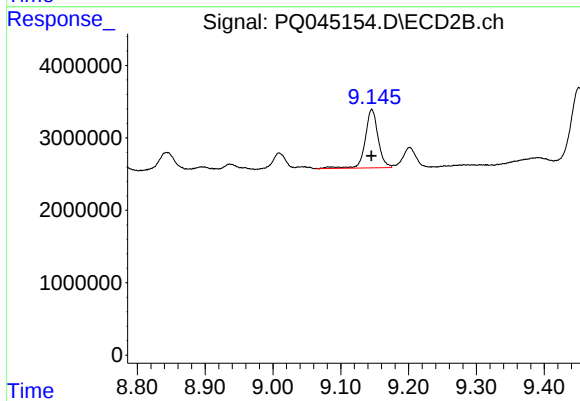
#43 AR-1268-3

R.T.: 8.844 min
Delta R.T.: 0.001 min
Response: 4612137
Conc: 4.96 ng/ml



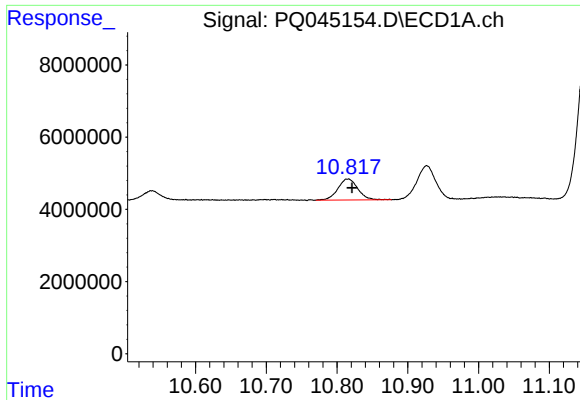
#44 AR-1268-4

R.T.: 10.390 min
Delta R.T.: -0.005 min
Response: 5501762
Conc: 15.85 ng/ml



#44 AR-1268-4

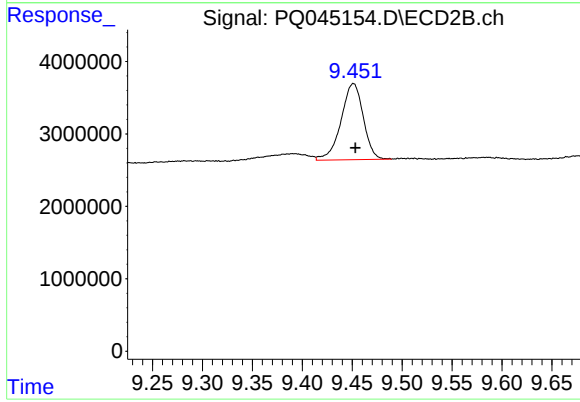
R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 10712785
Conc: 26.60 ng/ml



#45 AR-1268-5

R.T.: 10.816 min
Delta R.T.: -0.006 min
Response: 11442153
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.451 min
Delta R.T.: -0.002 min
Response: 16319669
Conc: 5.40 ng/ml