

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121918\
 Data File : PQ035780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2018 23:36
 Operator : SM\SJ
 Sample : PB115793BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PB115793BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 01:20:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 12 22:07:58 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...	4.424	3.740	91186766	52798762	23.306	23.630
2)	SA Decachlor...	10.117	8.714	59497861	33227146	20.185	18.799
Target Compounds							
3)	L1 AR-1016-1	5.610	4.834	47438612	29213551	370.766	378.884
4)	L1 AR-1016-2	5.610	4.834	47438612	29213551	247.347	258.164
5)	L1 AR-1016-3	5.672	5.011	27503152	14686155	240.308	251.478
6)	L1 AR-1016-4	5.772	5.050	22405664	11672347	235.285	248.238
7)	L1 AR-1016-5	6.063	5.264	13273432	14630464	145.805	238.328 #
8)	L2 AR-1221-1	4.629	3.949	2464007	1832725	72.127	89.826
9)	L2 AR-1221-2	4.721	4.038	4237675	2649511	166.334	179.254
10)	L2 AR-1221-3	4.797	4.111	16035317	10456698	192.685	215.244
11)	L3 AR-1232-1	4.797	4.111	16035317	10456698	220.514	237.483
12)	L3 AR-1232-2	5.322	4.834	22876855	29213551	593.616	595.437
13)	L3 AR-1232-3	5.610	5.011	47438612	14686155	580.151	574.767
14)	L3 AR-1232-4	5.772	5.092	22405664	14407286	559.548	631.446
15)	L3 AR-1232-5	5.858	5.264	19359312	14630464	611.310	585.750
16)	L4 AR-1242-1	5.610	4.834	47438612	29213551	491.698	493.698
17)	L4 AR-1242-2	5.610	4.834	47438612	29213551	326.968	339.261
18)	L4 AR-1242-3	5.672	5.011	27503152	14686155	317.897	326.103
19)	L4 AR-1242-4	5.772	5.092	22405664	14407286	323.875	325.356
20)	L4 AR-1242-5	6.505	5.612	2921719	11101328	37.242	201.149 #
21)	L5 AR-1248-1	5.610	4.834	47438612	29213551	718.703	740.431
22)	L5 AR-1248-2	5.858	5.050	19359312	11672347	204.245	215.064
23)	L5 AR-1248-3	6.063	5.092	13273432	14407286	127.031	258.183 #
24)	L5 AR-1248-4	6.466	5.264	3318443	14630464	26.947	211.346 #
25)	L5 AR-1248-5	6.505	5.652	2921719	1429935	24.974	20.288
26)	L6 AR-1254-1	6.466	5.612	3318443	11101328	21.798	83.226 #
27)	L6 AR-1254-2	6.653	5.757	17003022	10825948	71.861	93.691 #
28)	L6 AR-1254-3	7.024	6.170	8463595	17772077	32.964	92.055 #
29)	L6 AR-1254-4	7.307	6.386	2742108	1949500	15.123	16.199
30)	L6 AR-1254-5	7.758	6.800	6805244	33296114	34.694	204.443 #
31)	L7 AR-1260-1	7.184	6.286	38816792	25921601	210.501	206.075
32)	L7 AR-1260-2	7.440	6.473	44932842	31548967	206.793	208.915
33)	L7 AR-1260-3	7.799	6.626	28893535	27594958	215.684	197.481
34)	L7 AR-1260-4	8.026	7.094	35572371	18603674	215.838	200.350
35)	L7 AR-1260-5	8.345	7.336	63652322	41730834	213.479	185.968
36)	L8 AR-1262-1	7.799	6.834	28893535	20159357	131.889	131.359
37)	L8 AR-1262-2	8.345	7.336	63652322	41730834	168.965	156.376
38)	L8 AR-1262-3	8.674	7.614	40275918	8853017	167.544	85.303 #
39)	L8 AR-1262-4	8.726	7.680	20815096	29292279	115.212	158.128 #
40)	L8 AR-1262-5	9.393	0.000	13943525	0	122.437	N.D. #
41)	L9 AR-1268-1	8.674	7.614	40275918	8853017	83.475	26.549 #
42)	L9 AR-1268-2	8.726	7.680	20815096	29292279	48.243	98.841 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121918\
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 Acq On : 19 Dec 2018 23:36
 Operator : SM\SJ
 Sample : PB115793BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

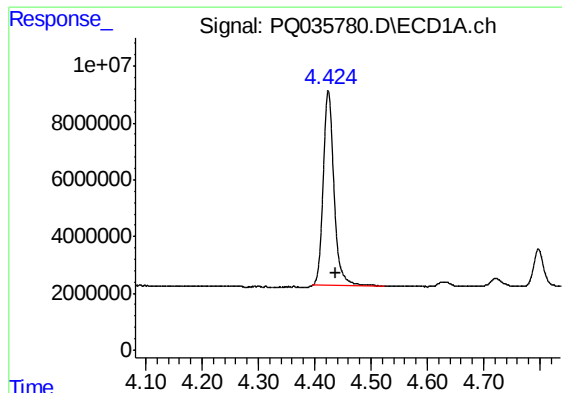
Instrument :
 ECD_Q
 ClientSampleId :
 PB115793BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 01:20:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.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	
44)	L9 AR-1268-4	9.393	0.000	13943525	0	101.709	N.D.	#
45)	L9 AR-1268-5	9.794	8.467	5682185	2544518	4.908	3.484	#

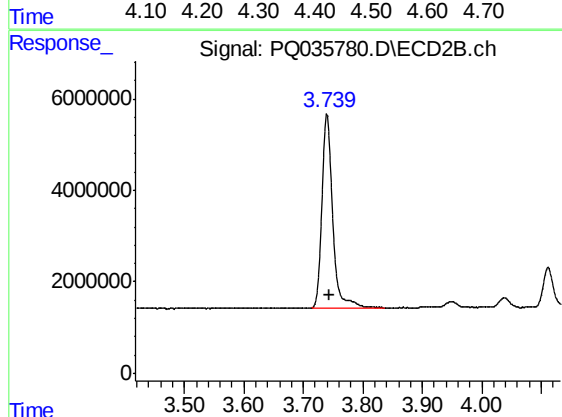
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

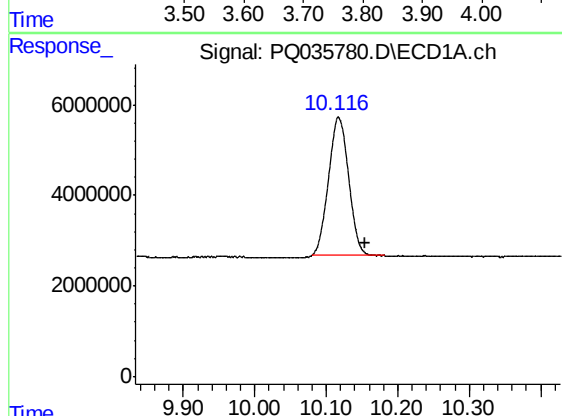
R.T.: 4.424 min
Delta R.T.: -0.013 min
Response: 91186766
Conc: 23.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



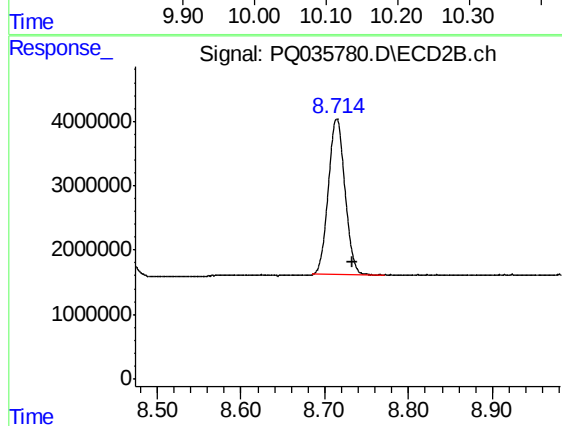
#1 Tetrachloro-m-xylene

R.T.: 3.740 min
Delta R.T.: -0.004 min
Response: 52798762
Conc: 23.63 ng/ml



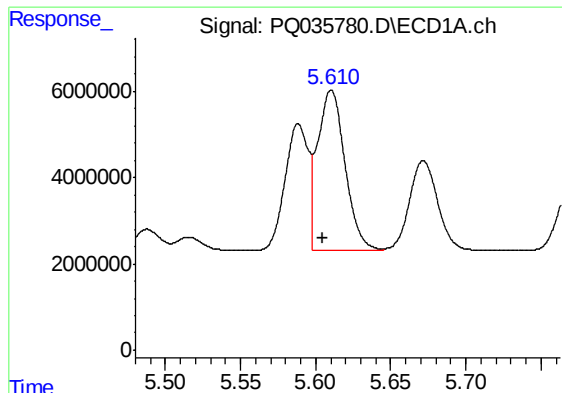
#2 Decachlorobiphenyl

R.T.: 10.117 min
Delta R.T.: -0.038 min
Response: 59497861
Conc: 20.19 ng/ml



#2 Decachlorobiphenyl

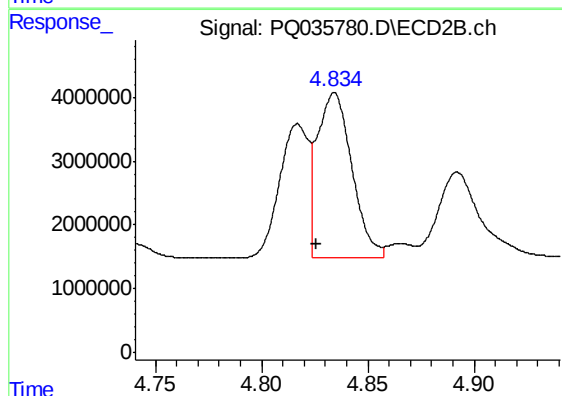
R.T.: 8.714 min
Delta R.T.: -0.018 min
Response: 33227146
Conc: 18.80 ng/ml



#3 AR-1016-1

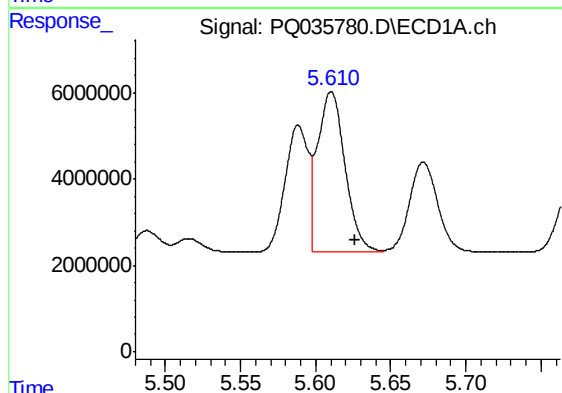
R.T.: 5.610 min
Delta R.T.: 0.005 min
Response: 47438612
Conc: 370.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



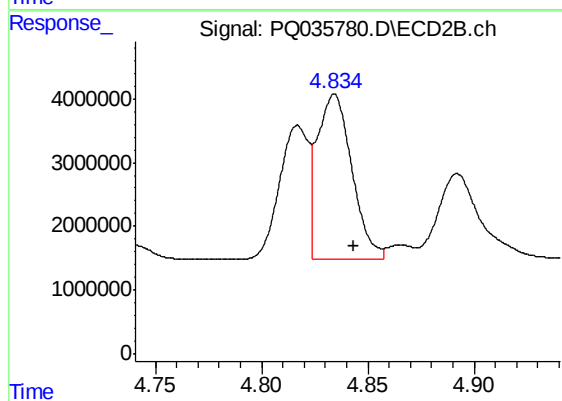
#3 AR-1016-1

R.T.: 4.834 min
Delta R.T.: 0.009 min
Response: 29213551
Conc: 378.88 ng/ml



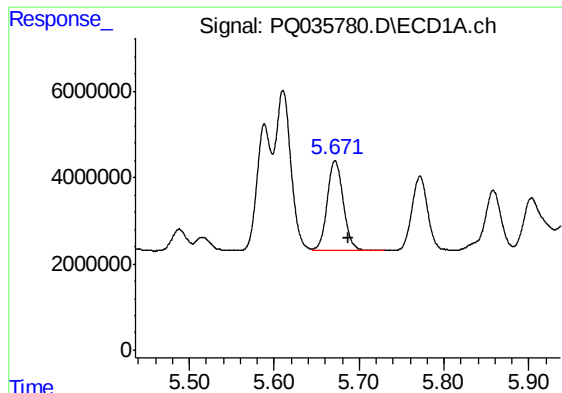
#4 AR-1016-2

R.T.: 5.610 min
Delta R.T.: -0.016 min
Response: 47438612
Conc: 247.35 ng/ml



#4 AR-1016-2

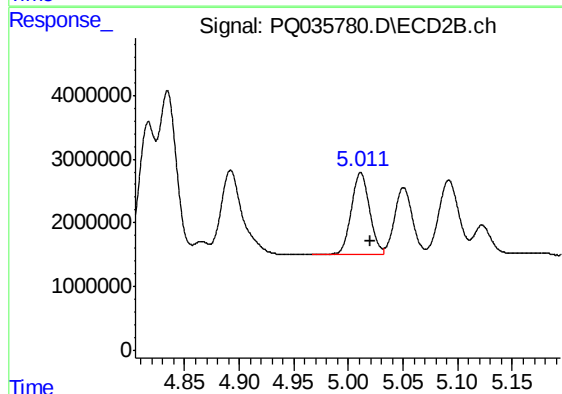
R.T.: 4.834 min
Delta R.T.: -0.009 min
Response: 29213551
Conc: 258.16 ng/ml



#5 AR-1016-3

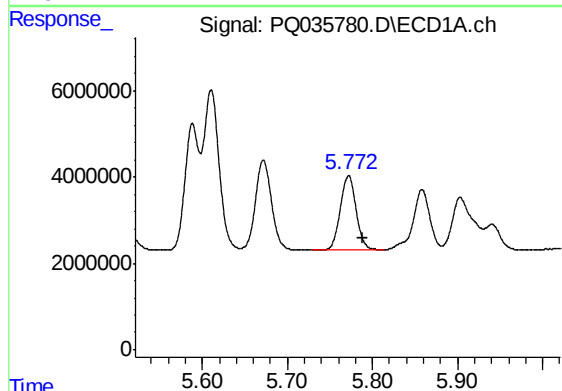
R.T.: 5.672 min
Delta R.T.: -0.016 min
Response: 27503152
Conc: 240.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



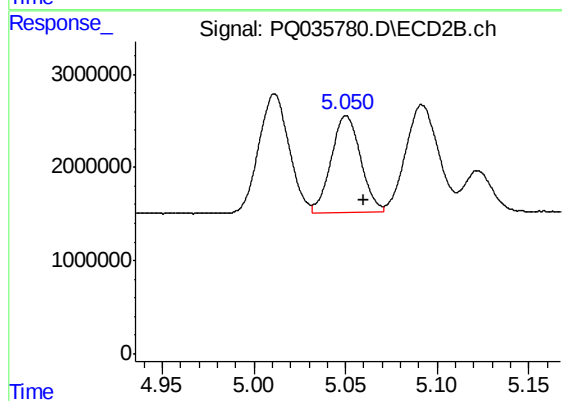
#5 AR-1016-3

R.T.: 5.011 min
Delta R.T.: -0.009 min
Response: 14686155
Conc: 251.48 ng/ml



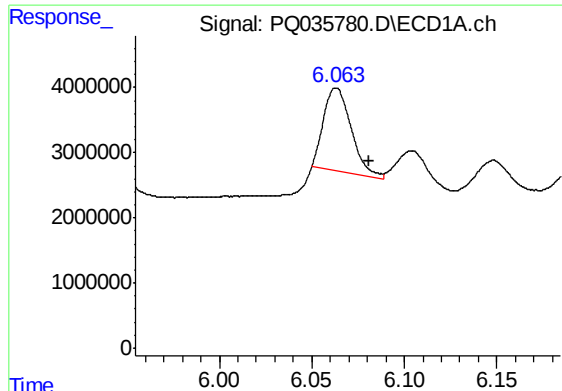
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: -0.016 min
Response: 22405664
Conc: 235.28 ng/ml



#6 AR-1016-4

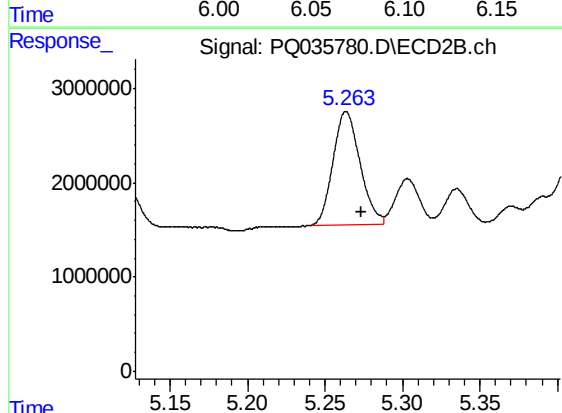
R.T.: 5.050 min
Delta R.T.: -0.010 min
Response: 11672347
Conc: 248.24 ng/ml



#7 AR-1016-5

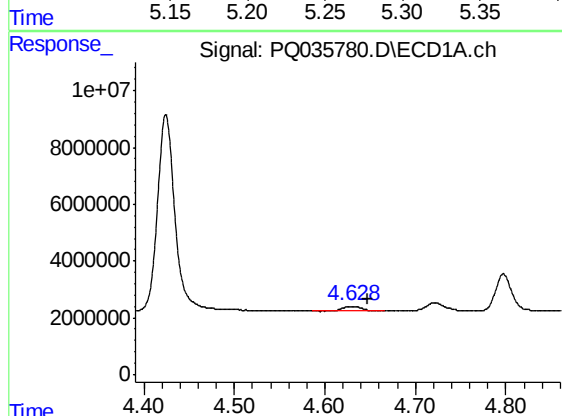
R.T.: 6.063 min
Delta R.T.: -0.018 min
Response: 13273432
Conc: 145.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



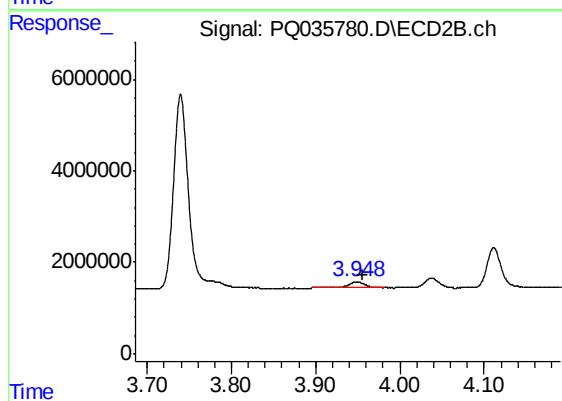
#7 AR-1016-5

R.T.: 5.264 min
Delta R.T.: -0.010 min
Response: 14630464
Conc: 238.33 ng/ml



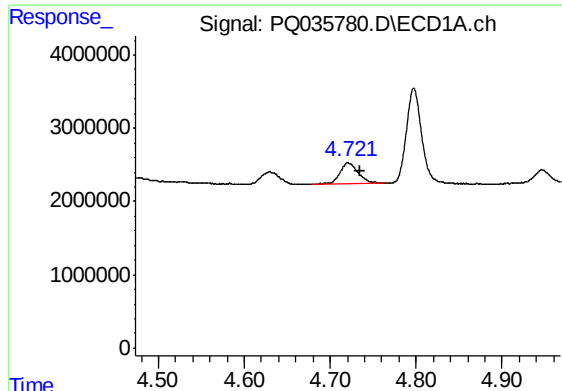
#8 AR-1221-1

R.T.: 4.629 min
Delta R.T.: -0.018 min
Response: 2464007
Conc: 72.13 ng/ml



#8 AR-1221-1

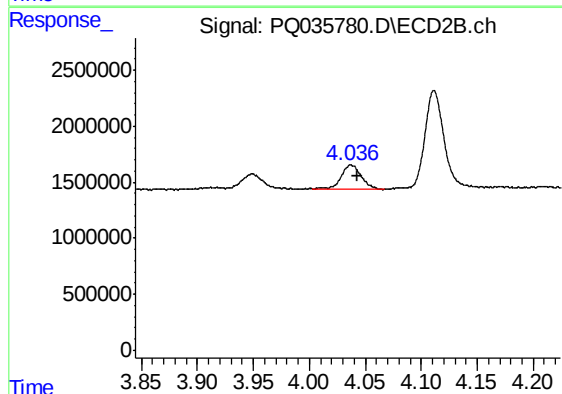
R.T.: 3.949 min
Delta R.T.: -0.008 min
Response: 1832725
Conc: 89.83 ng/ml



#9 AR-1221-2

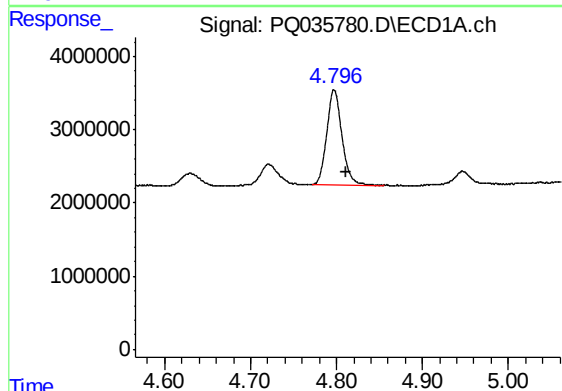
R.T.: 4.721 min
Delta R.T.: -0.014 min
Response: 4237675
Conc: 166.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



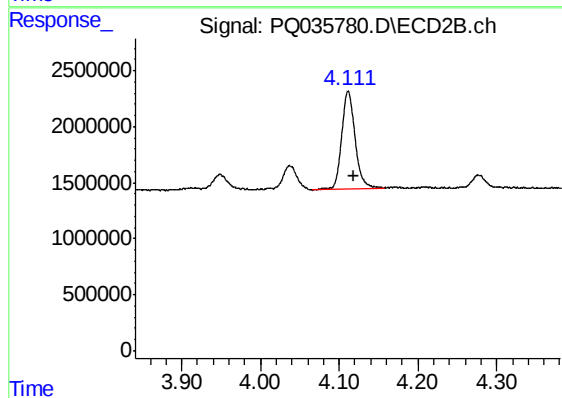
#9 AR-1221-2

R.T.: 4.038 min
Delta R.T.: -0.006 min
Response: 2649511
Conc: 179.25 ng/ml



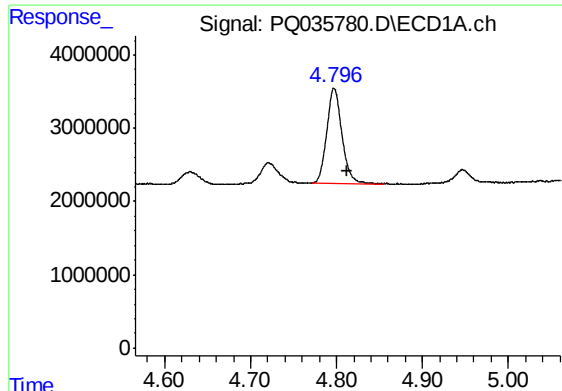
#10 AR-1221-3

R.T.: 4.797 min
Delta R.T.: -0.014 min
Response: 16035317
Conc: 192.68 ng/ml



#10 AR-1221-3

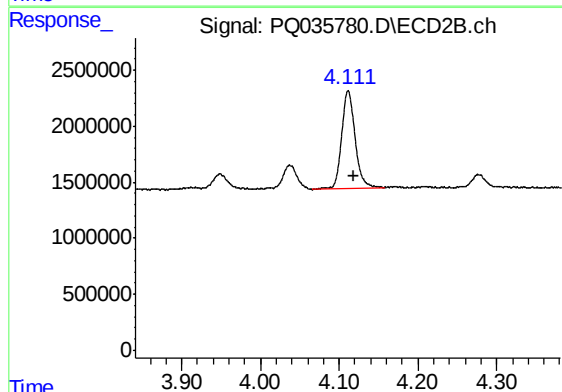
R.T.: 4.111 min
Delta R.T.: -0.007 min
Response: 10456698
Conc: 215.24 ng/ml



#11 AR-1232-1

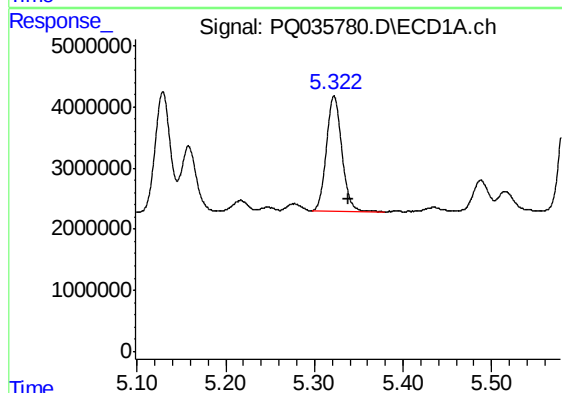
R.T.: 4.797 min
Delta R.T.: -0.015 min
Response: 16035317
Conc: 220.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



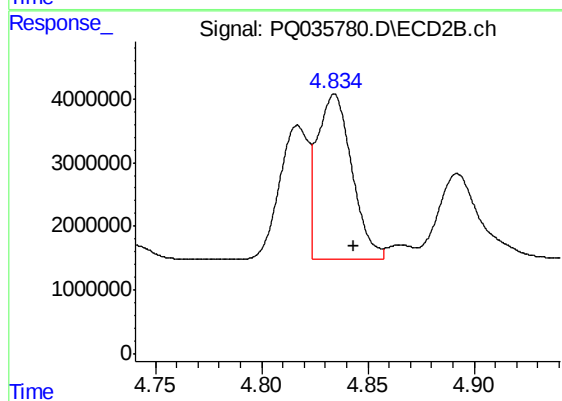
#11 AR-1232-1

R.T.: 4.111 min
Delta R.T.: -0.007 min
Response: 10456698
Conc: 237.48 ng/ml



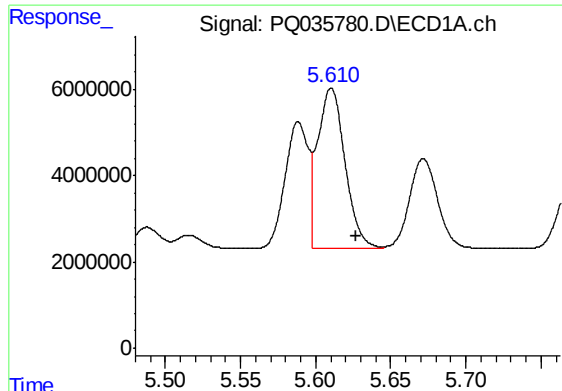
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.017 min
Response: 22876855
Conc: 593.62 ng/ml



#12 AR-1232-2

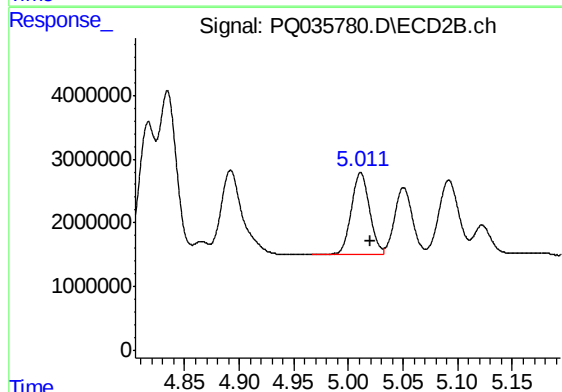
R.T.: 4.834 min
Delta R.T.: -0.009 min
Response: 29213551
Conc: 595.44 ng/ml



#13 AR-1232-3

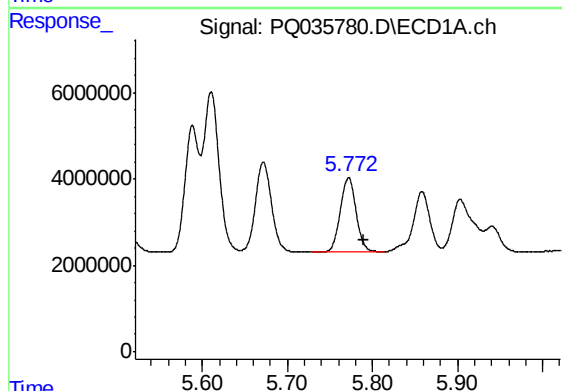
R.T.: 5.610 min
Delta R.T.: -0.017 min
Response: 47438612
Conc: 580.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



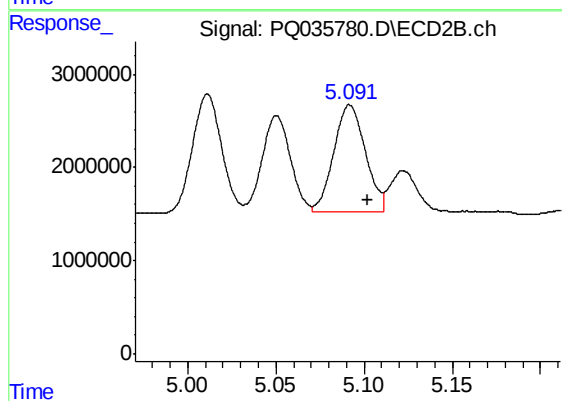
#13 AR-1232-3

R.T.: 5.011 min
Delta R.T.: -0.009 min
Response: 14686155
Conc: 574.77 ng/ml



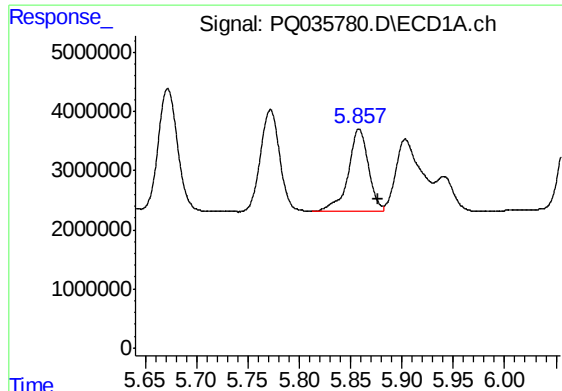
#14 AR-1232-4

R.T.: 5.772 min
Delta R.T.: -0.018 min
Response: 22405664
Conc: 559.55 ng/ml



#14 AR-1232-4

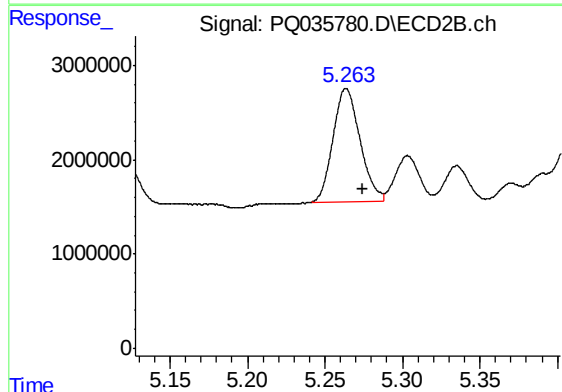
R.T.: 5.092 min
Delta R.T.: -0.010 min
Response: 14407286
Conc: 631.45 ng/ml



#15 AR-1232-5

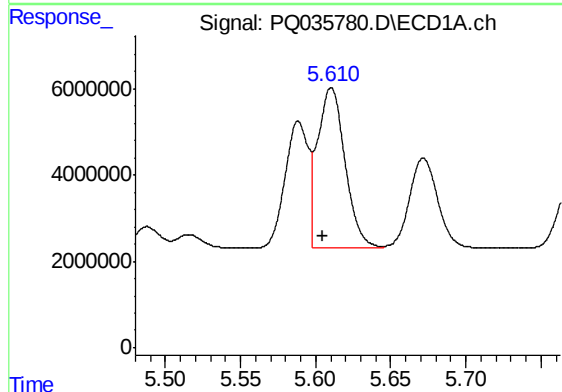
R.T.: 5.858 min
Delta R.T.: -0.019 min
Response: 19359312
Conc: 611.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



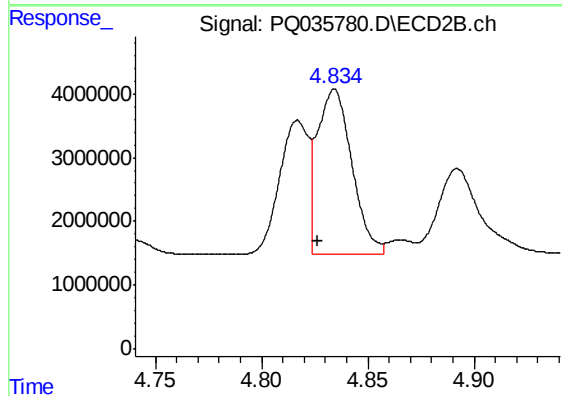
#15 AR-1232-5

R.T.: 5.264 min
Delta R.T.: -0.011 min
Response: 14630464
Conc: 585.75 ng/ml



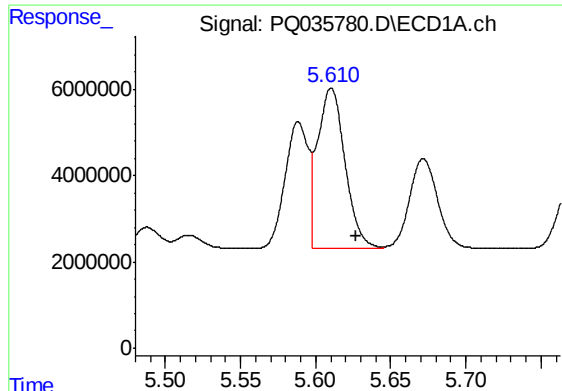
#16 AR-1242-1

R.T.: 5.610 min
Delta R.T.: 0.005 min
Response: 47438612
Conc: 491.70 ng/ml



#16 AR-1242-1

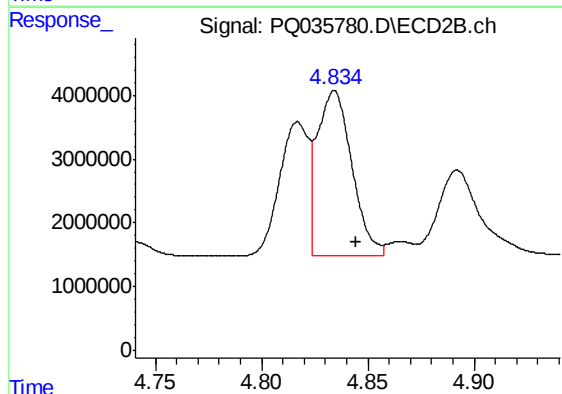
R.T.: 4.834 min
Delta R.T.: 0.008 min
Response: 29213551
Conc: 493.70 ng/ml



#17 AR-1242-2

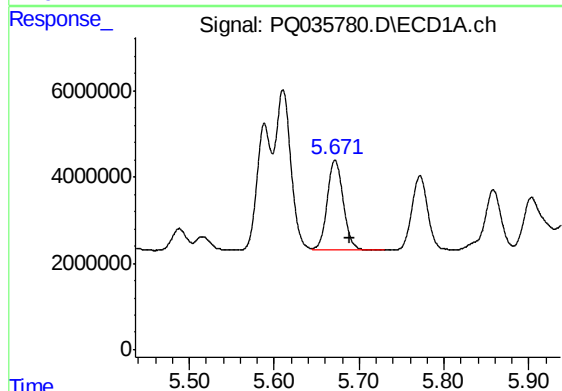
R.T.: 5.610 min
Delta R.T.: -0.017 min
Response: 47438612
Conc: 326.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



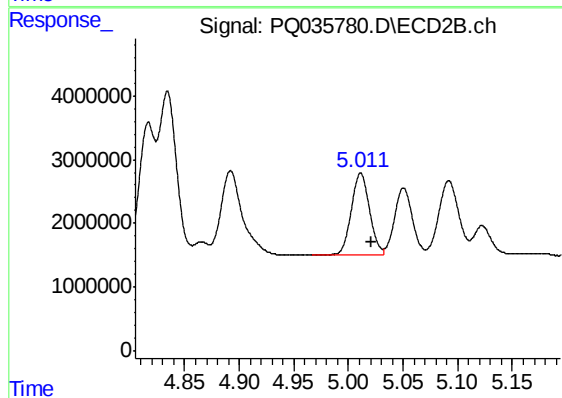
#17 AR-1242-2

R.T.: 4.834 min
Delta R.T.: -0.010 min
Response: 29213551
Conc: 339.26 ng/ml



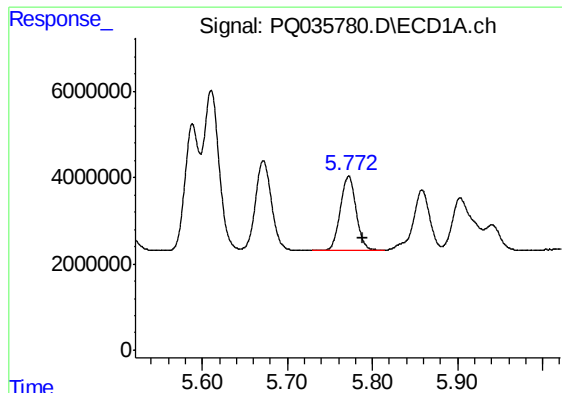
#18 AR-1242-3

R.T.: 5.672 min
Delta R.T.: -0.017 min
Response: 27503152
Conc: 317.90 ng/ml



#18 AR-1242-3

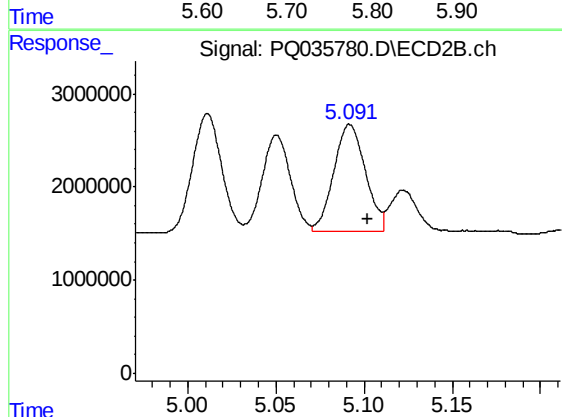
R.T.: 5.011 min
Delta R.T.: -0.010 min
Response: 14686155
Conc: 326.10 ng/ml



#19 AR-1242-4

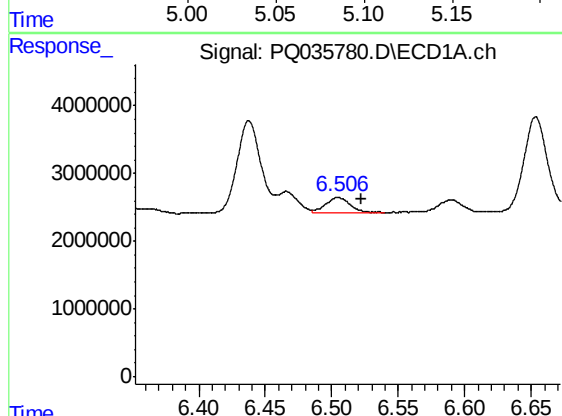
R.T.: 5.772 min
Delta R.T.: -0.017 min
Response: 22405664
Conc: 323.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



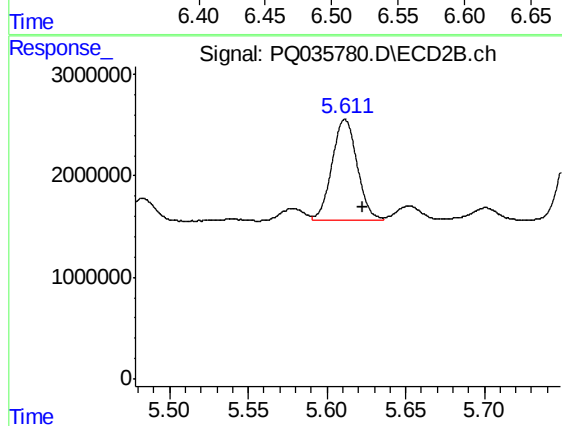
#19 AR-1242-4

R.T.: 5.092 min
Delta R.T.: -0.010 min
Response: 14407286
Conc: 325.36 ng/ml



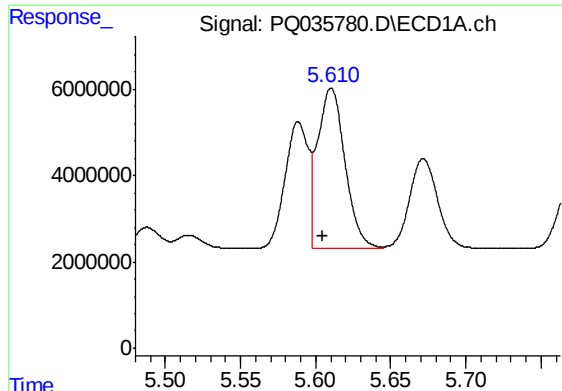
#20 AR-1242-5

R.T.: 6.505 min
Delta R.T.: -0.018 min
Response: 2921719
Conc: 37.24 ng/ml



#20 AR-1242-5

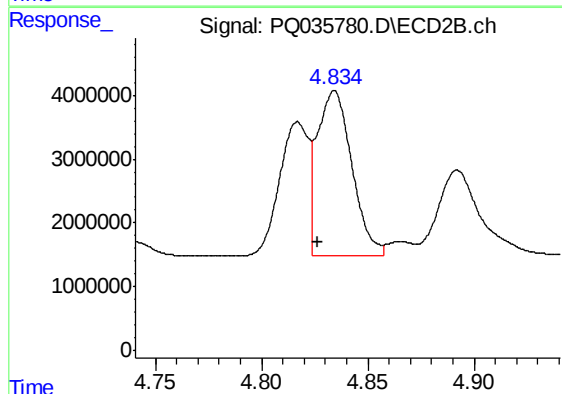
R.T.: 5.612 min
Delta R.T.: -0.011 min
Response: 11101328
Conc: 201.15 ng/ml



#21 AR-1248-1

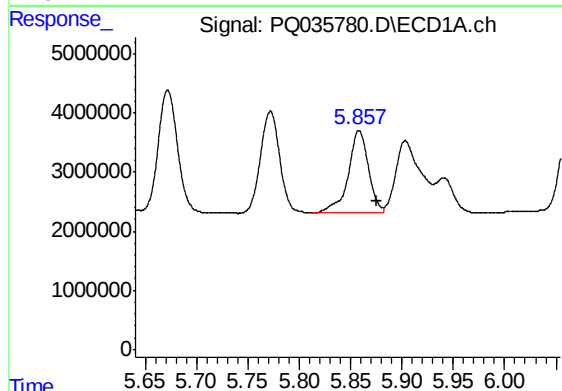
R.T.: 5.610 min
Delta R.T.: 0.006 min
Response: 47438612
Conc: 718.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



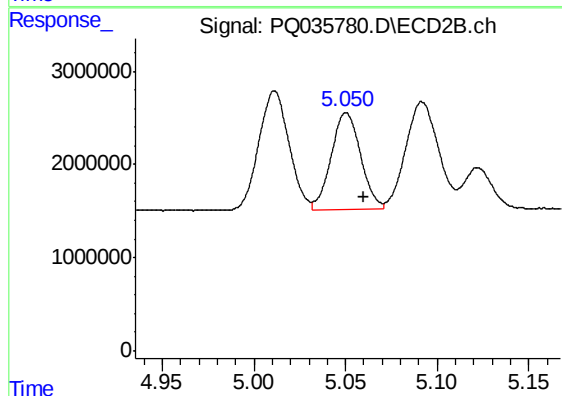
#21 AR-1248-1

R.T.: 4.834 min
Delta R.T.: 0.008 min
Response: 29213551
Conc: 740.43 ng/ml



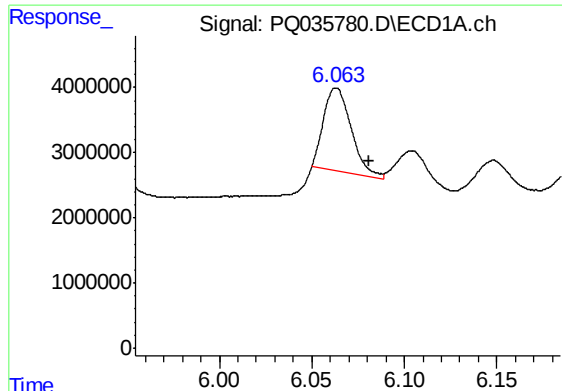
#22 AR-1248-2

R.T.: 5.858 min
Delta R.T.: -0.018 min
Response: 19359312
Conc: 204.24 ng/ml



#22 AR-1248-2

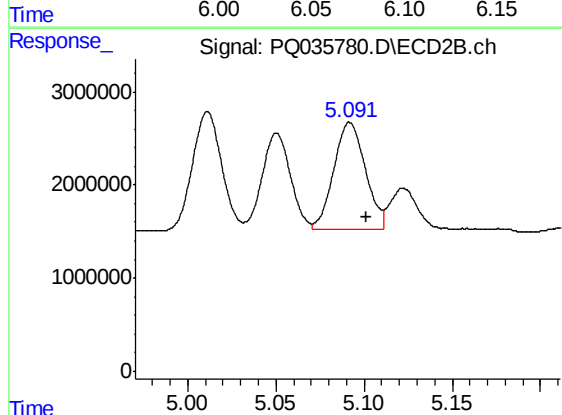
R.T.: 5.050 min
Delta R.T.: -0.010 min
Response: 11672347
Conc: 215.06 ng/ml



#23 AR-1248-3

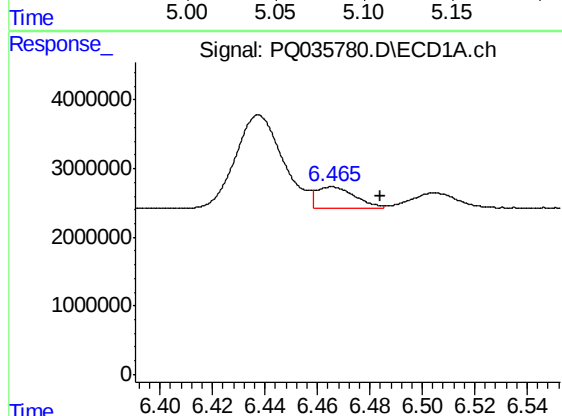
R.T.: 6.063 min
Delta R.T.: -0.018 min
Response: 13273432
Conc: 127.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



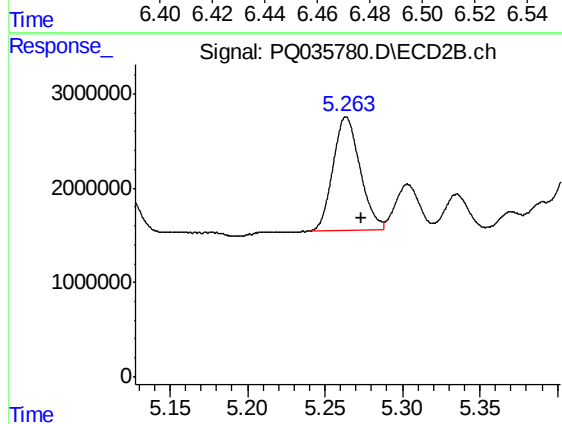
#23 AR-1248-3

R.T.: 5.092 min
Delta R.T.: -0.010 min
Response: 14407286
Conc: 258.18 ng/ml



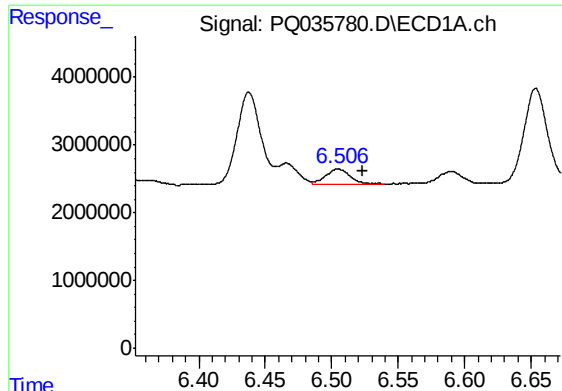
#24 AR-1248-4

R.T.: 6.466 min
Delta R.T.: -0.019 min
Response: 3318443
Conc: 26.95 ng/ml



#24 AR-1248-4

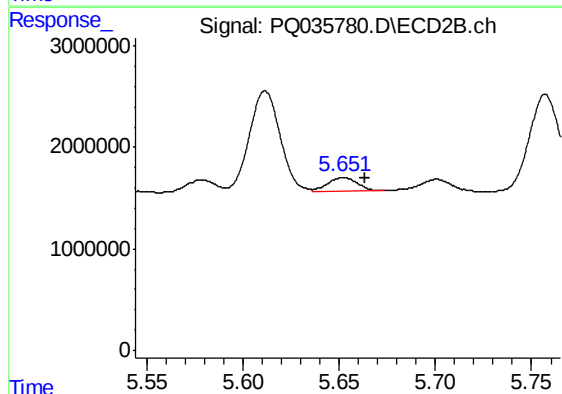
R.T.: 5.264 min
Delta R.T.: -0.010 min
Response: 14630464
Conc: 211.35 ng/ml



#25 AR-1248-5

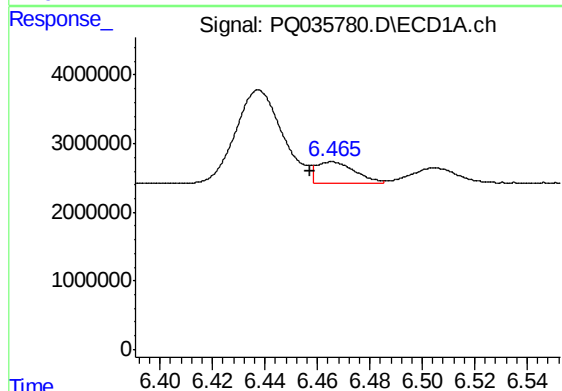
R.T.: 6.505 min
Delta R.T.: -0.018 min
Response: 2921719
Conc: 24.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



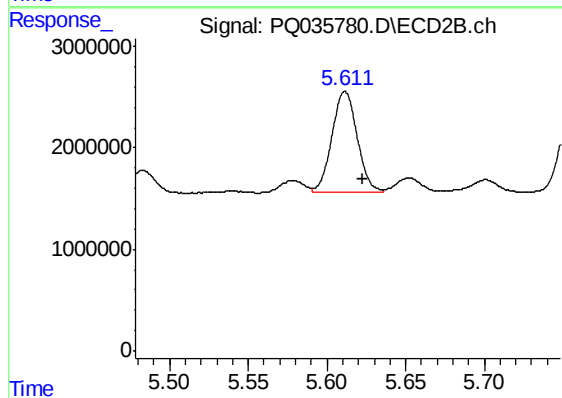
#25 AR-1248-5

R.T.: 5.652 min
Delta R.T.: -0.011 min
Response: 1429935
Conc: 20.29 ng/ml



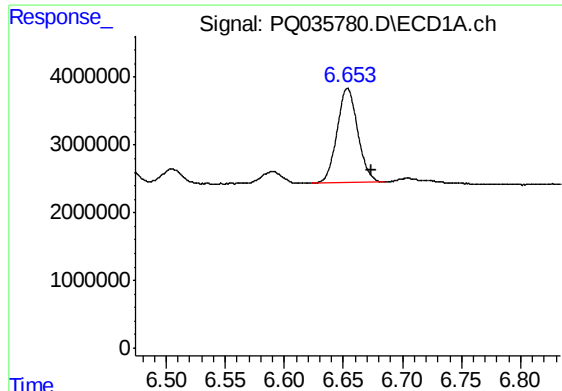
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: 0.009 min
Response: 3318443
Conc: 21.80 ng/ml



#26 AR-1254-1

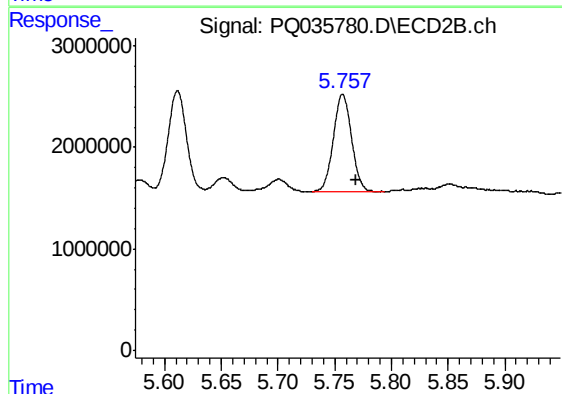
R.T.: 5.612 min
Delta R.T.: -0.011 min
Response: 11101328
Conc: 83.23 ng/ml



#27 AR-1254-2

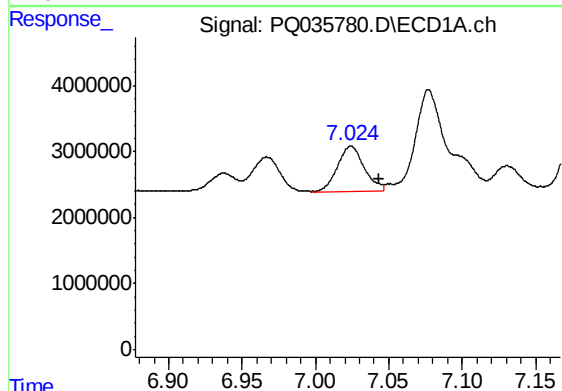
R.T.: 6.653 min
Delta R.T.: -0.021 min
Response: 17003022
Conc: 71.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



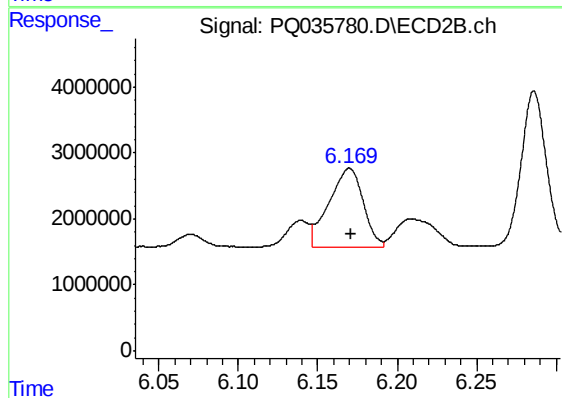
#27 AR-1254-2

R.T.: 5.757 min
Delta R.T.: -0.011 min
Response: 10825948
Conc: 93.69 ng/ml



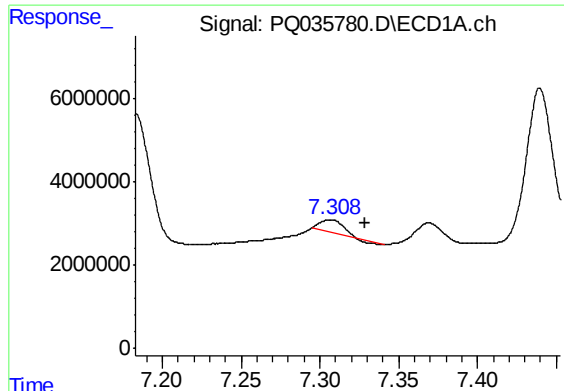
#28 AR-1254-3

R.T.: 7.024 min
Delta R.T.: -0.019 min
Response: 8463595
Conc: 32.96 ng/ml



#28 AR-1254-3

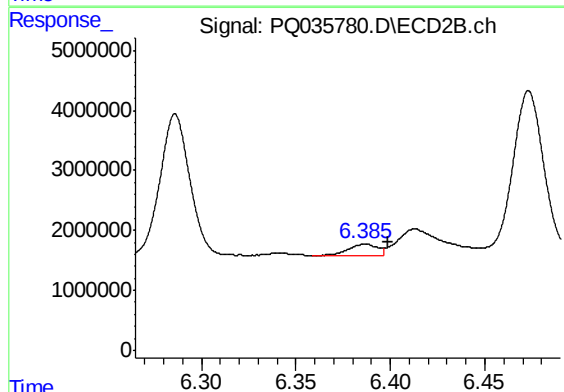
R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 17772077
Conc: 92.06 ng/ml



#29 AR-1254-4

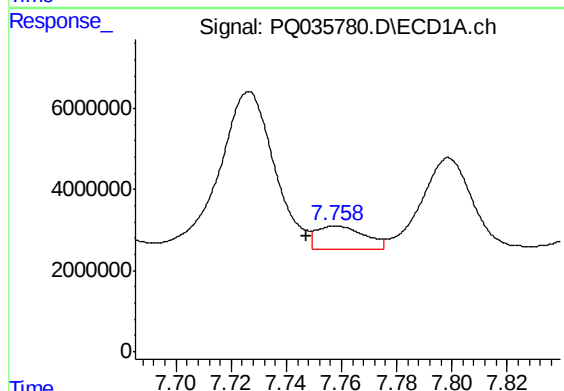
R.T.: 7.307 min
Delta R.T.: -0.022 min
Response: 2742108
Conc: 15.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



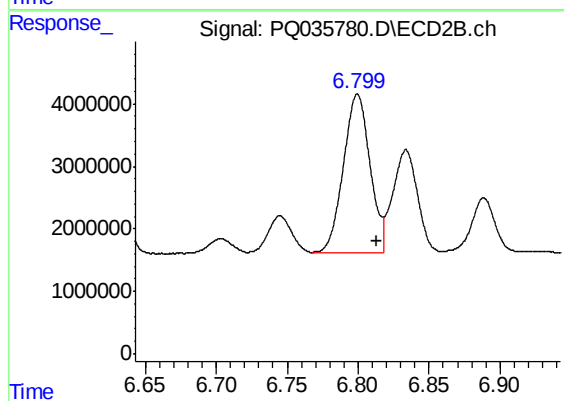
#29 AR-1254-4

R.T.: 6.386 min
Delta R.T.: -0.012 min
Response: 1949500
Conc: 16.20 ng/ml



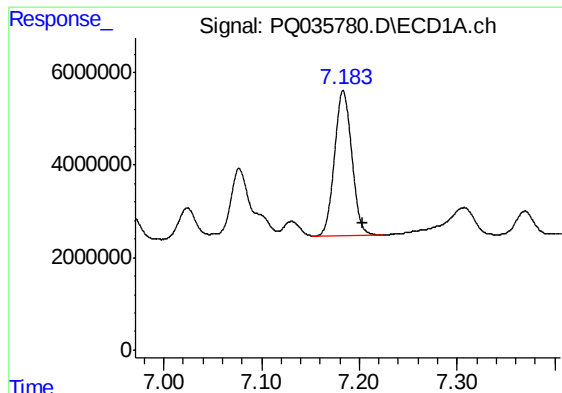
#30 AR-1254-5

R.T.: 7.758 min
Delta R.T.: 0.010 min
Response: 6805244
Conc: 34.69 ng/ml



#30 AR-1254-5

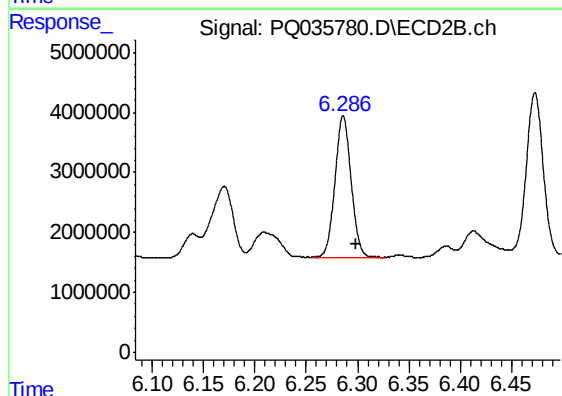
R.T.: 6.800 min
Delta R.T.: -0.014 min
Response: 33296114
Conc: 204.44 ng/ml



#31 AR-1260-1

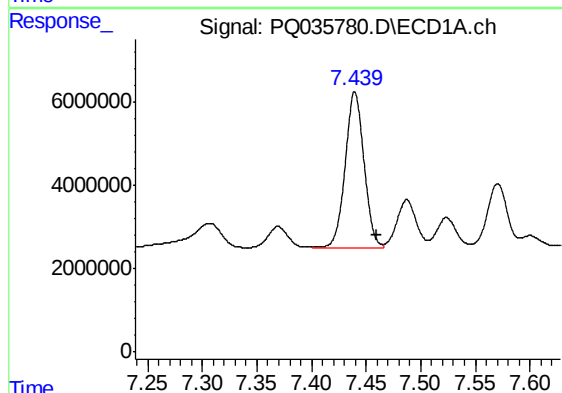
R.T.: 7.184 min
Delta R.T.: -0.020 min
Response: 38816792
Conc: 210.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



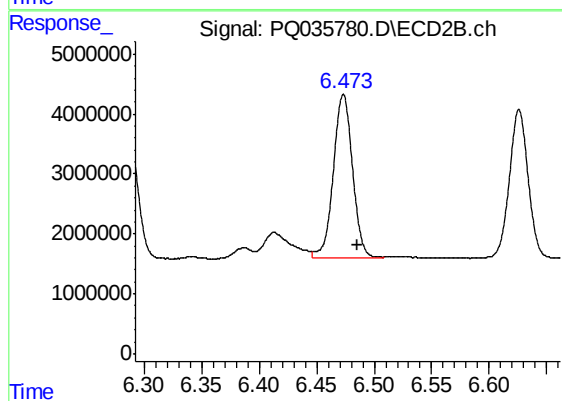
#31 AR-1260-1

R.T.: 6.286 min
Delta R.T.: -0.012 min
Response: 25921601
Conc: 206.07 ng/ml



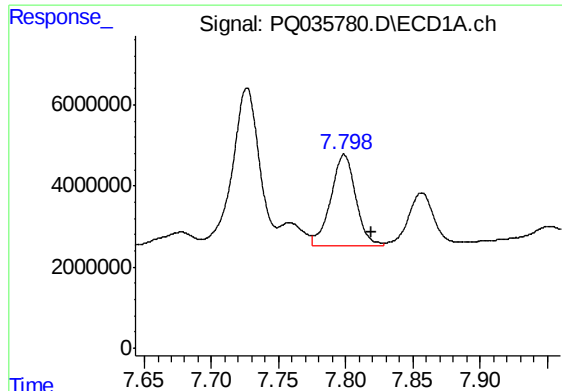
#32 AR-1260-2

R.T.: 7.440 min
Delta R.T.: -0.020 min
Response: 44932842
Conc: 206.79 ng/ml



#32 AR-1260-2

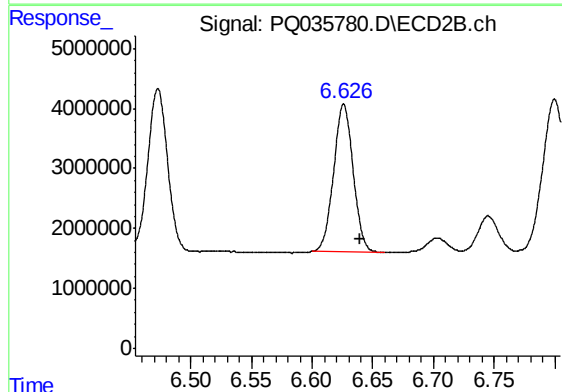
R.T.: 6.473 min
Delta R.T.: -0.012 min
Response: 31548967
Conc: 208.92 ng/ml



#33 AR-1260-3

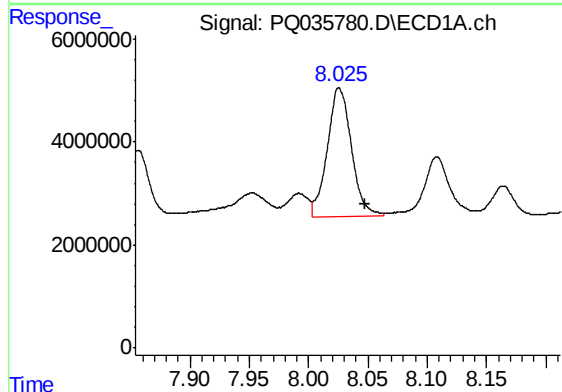
R.T.: 7.799 min
Delta R.T.: -0.021 min
Response: 28893535
Conc: 215.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



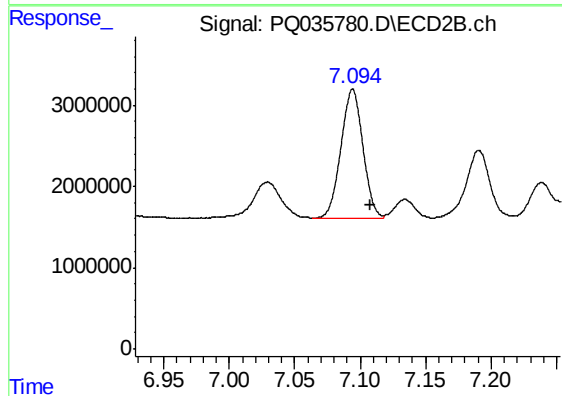
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: -0.013 min
Response: 27594958
Conc: 197.48 ng/ml



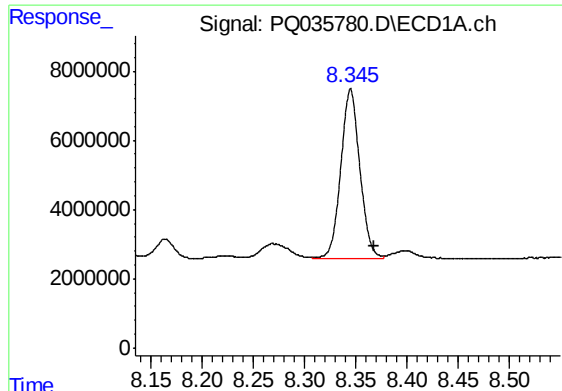
#34 AR-1260-4

R.T.: 8.026 min
Delta R.T.: -0.022 min
Response: 35572371
Conc: 215.84 ng/ml



#34 AR-1260-4

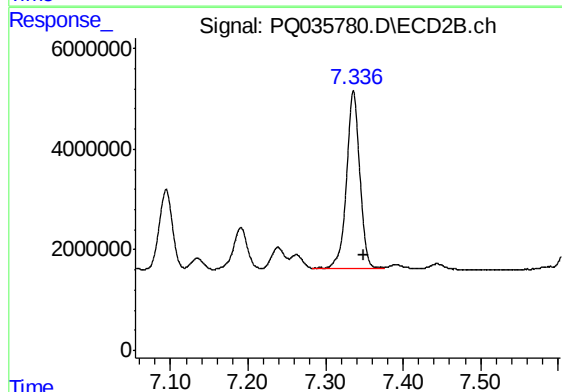
R.T.: 7.094 min
Delta R.T.: -0.013 min
Response: 18603674
Conc: 200.35 ng/ml



#35 AR-1260-5

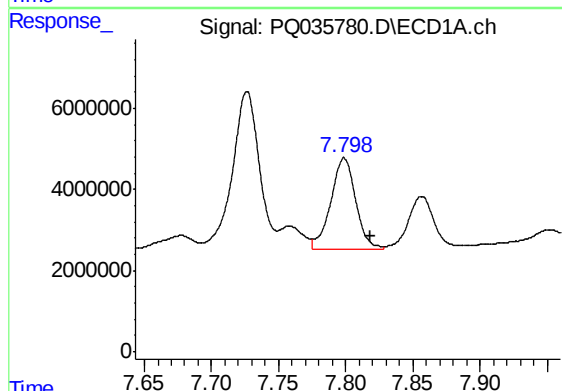
R.T.: 8.345 min
Delta R.T.: -0.023 min
Response: 63652322
Conc: 213.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



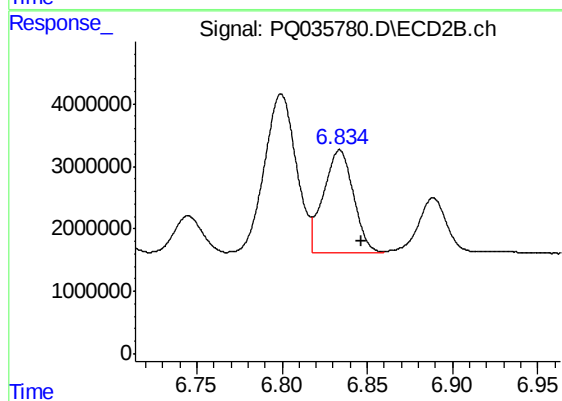
#35 AR-1260-5

R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 41730834
Conc: 185.97 ng/ml



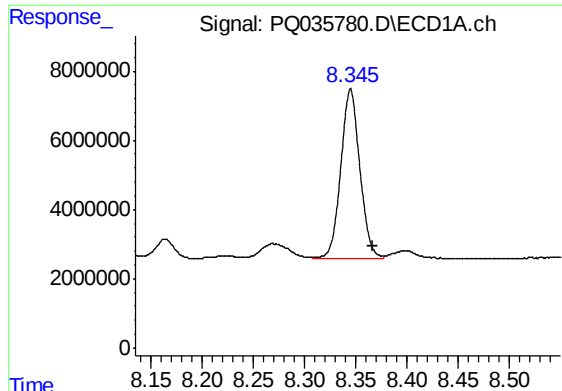
#36 AR-1262-1

R.T.: 7.799 min
Delta R.T.: -0.020 min
Response: 28893535
Conc: 131.89 ng/ml



#36 AR-1262-1

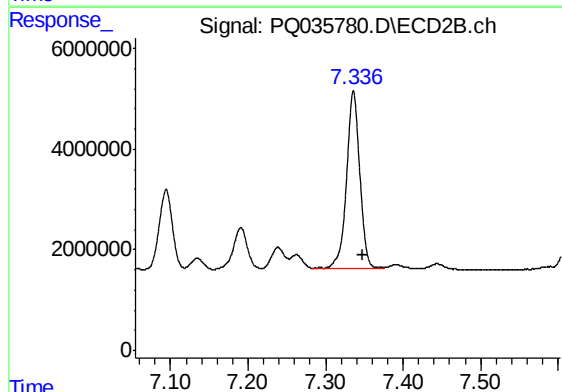
R.T.: 6.834 min
Delta R.T.: -0.013 min
Response: 20159357
Conc: 131.36 ng/ml



#37 AR-1262-2

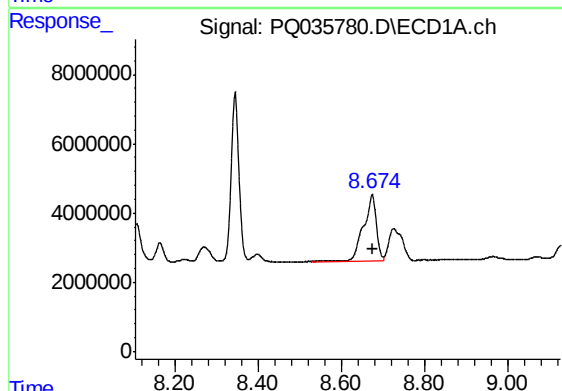
R.T.: 8.345 min
Delta R.T.: -0.022 min
Response: 63652322
Conc: 168.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



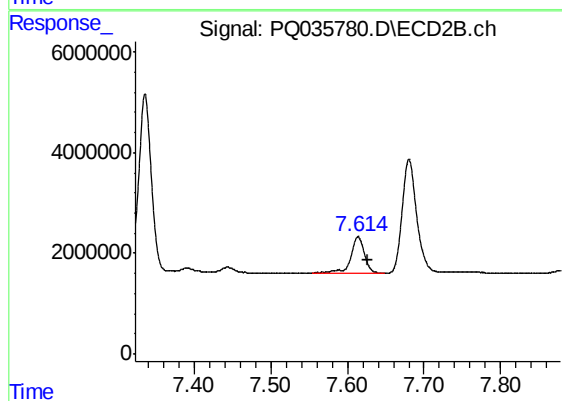
#37 AR-1262-2

R.T.: 7.336 min
Delta R.T.: -0.012 min
Response: 41730834
Conc: 156.38 ng/ml



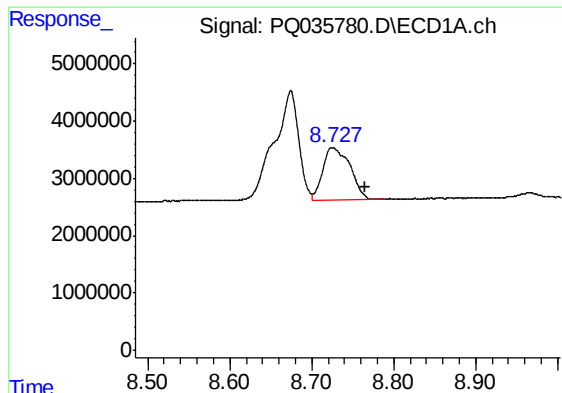
#38 AR-1262-3

R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 40275918
Conc: 167.54 ng/ml



#38 AR-1262-3

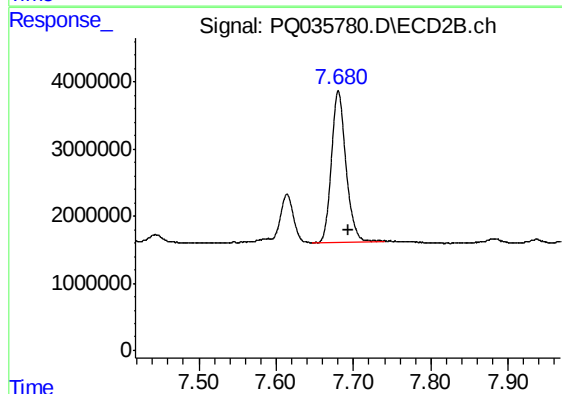
R.T.: 7.614 min
Delta R.T.: -0.013 min
Response: 8853017
Conc: 85.30 ng/ml



#39 AR-1262-4

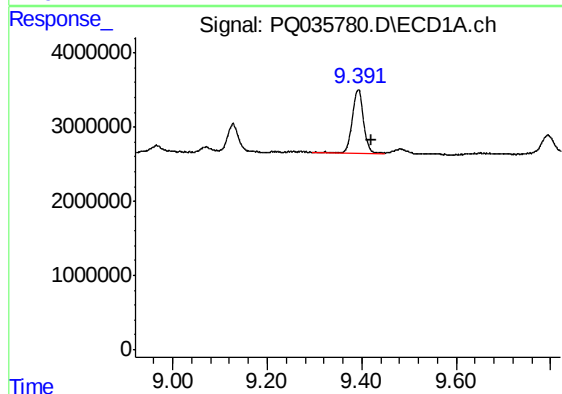
R.T.: 8.726 min
Delta R.T.: -0.040 min
Response: 20815096
Conc: 115.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



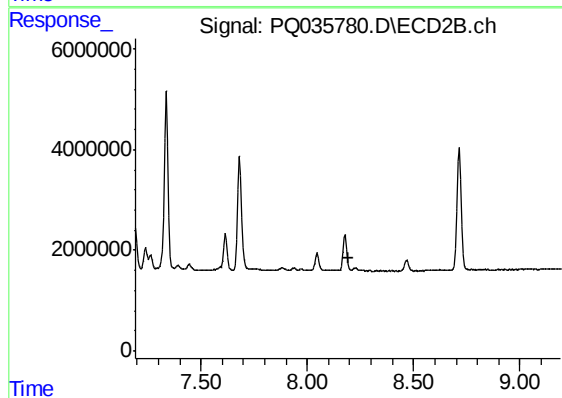
#39 AR-1262-4

R.T.: 7.680 min
Delta R.T.: -0.013 min
Response: 29292279
Conc: 158.13 ng/ml



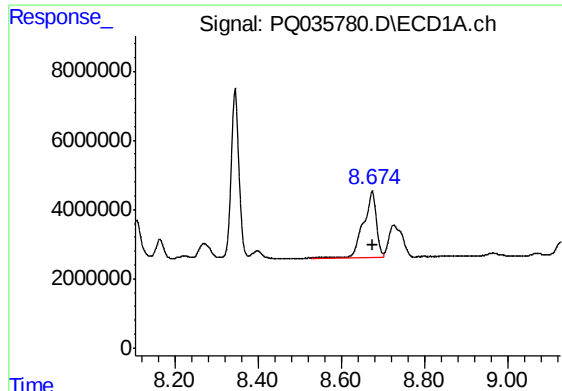
#40 AR-1262-5

R.T.: 9.393 min
Delta R.T.: -0.027 min
Response: 13943525
Conc: 122.44 ng/ml



#40 AR-1262-5

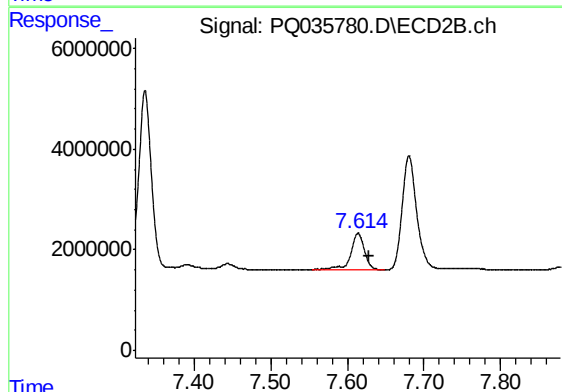
R.T.: 0.000 min
Exp R.T. : 8.191 min
Response: 0
Conc: N.D.



#41 AR-1268-1

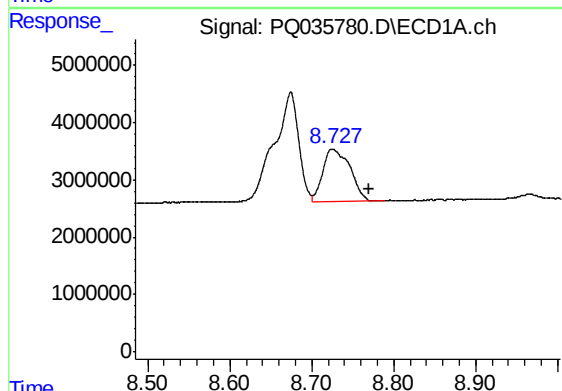
R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 40275918
Conc: 83.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



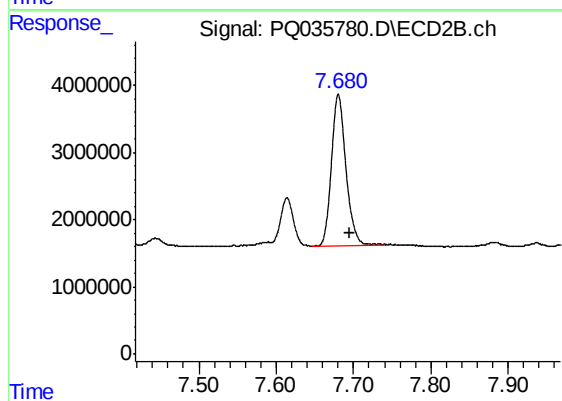
#41 AR-1268-1

R.T.: 7.614 min
Delta R.T.: -0.014 min
Response: 8853017
Conc: 26.55 ng/ml



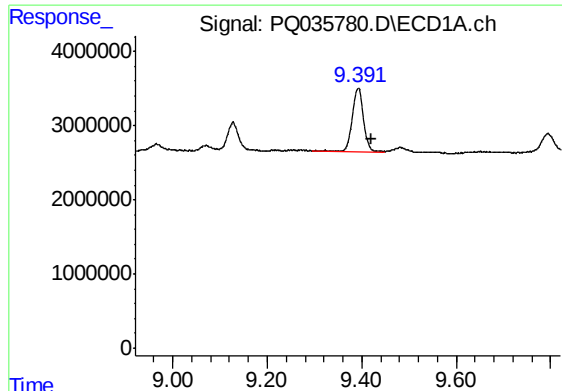
#42 AR-1268-2

R.T.: 8.726 min
Delta R.T.: -0.044 min
Response: 20815096
Conc: 48.24 ng/ml



#42 AR-1268-2

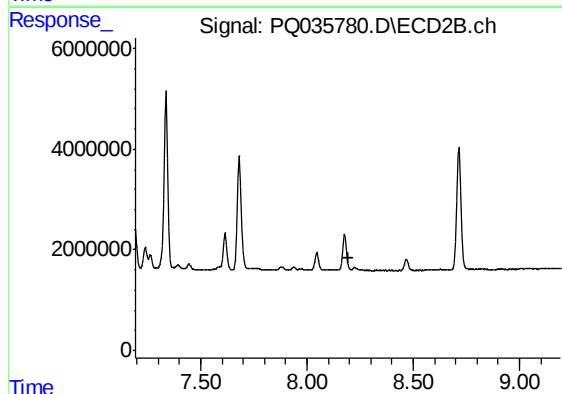
R.T.: 7.680 min
Delta R.T.: -0.014 min
Response: 29292279
Conc: 98.84 ng/ml



#44 AR-1268-4

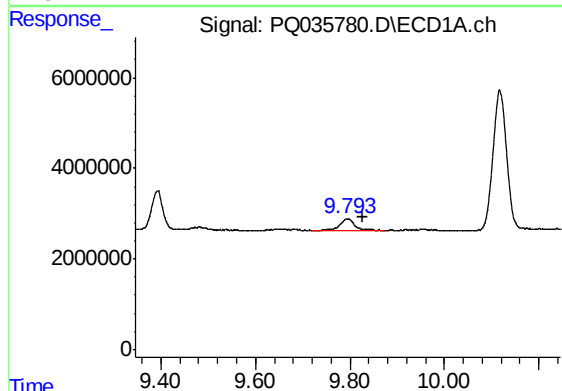
R.T.: 9.393 min
Delta R.T.: -0.029 min
Response: 13943525
Conc: 101.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB115793BS



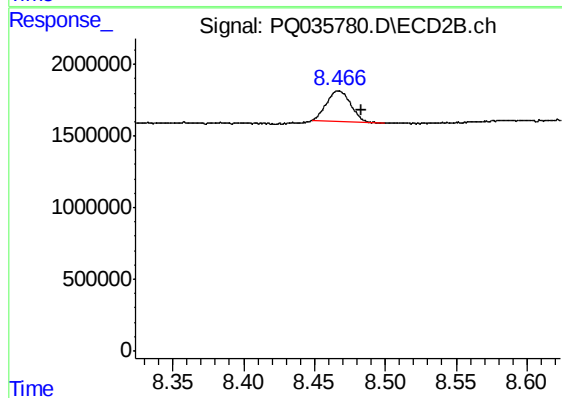
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.193 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.794 min
Delta R.T.: -0.032 min
Response: 5682185
Conc: 4.91 ng/ml



#45 AR-1268-5

R.T.: 8.467 min
Delta R.T.: -0.016 min
Response: 2544518
Conc: 3.48 ng/ml