

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
 Data File : PQ040349.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 11:18
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660345

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 04:07:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.592	4.731	66137718	46139876	20.189	21.483
2)	SA Decachlor...	11.898	10.452	255.7E6	151.8E6	35.795	36.497
Target Compounds							
3)	L1 AR-1016-1	7.040	6.176	66608159	54691271	398.154	426.350
4)	L1 AR-1016-2	7.064	6.197	108.9E6	86348082	414.118	447.370
5)	L1 AR-1016-3	7.136	6.411	72491056	45838676	424.723	425.025
6)	L1 AR-1016-4	7.249	6.465	58013098	37770171	419.704	443.577
7)	L1 AR-1016-5	7.582	6.717	58732977	54208708	423.378	470.806
8)	L2 AR-1221-1	0.000	5.033	0	4576171	N.D.	186.731 #
9)	L2 AR-1221-2	5.985	5.151	6301294	5445363	286.007	334.323
10)	L2 AR-1221-3	6.081	5.254	33533178	24922826	379.589	409.870
11)	L3 AR-1232-1	6.081	5.254	33533178	24922826	517.744	543.890
12)	L3 AR-1232-2	6.724	6.197	52800492	86348082	1331.744	1439.458
13)	L3 AR-1232-3	7.064	6.411	108.9E6	45838676	1347.226	1303.427
14)	L3 AR-1232-4	7.249	6.513	58013098	46430355	1387.926	1571.340
15)	L3 AR-1232-5	7.353	6.717	49760300	54208708	1570.098	1800.692
16)	L4 AR-1242-1	7.064	6.197	108.9E6	86348082	1122.905	1167.686
17)	L4 AR-1242-2	7.064	6.197	108.9E6	86348082	753.347	811.089
18)	L4 AR-1242-3	7.136	6.411	72491056	45838676	778.716	759.869
19)	L4 AR-1242-4	7.249	6.513	58013098	46430355	771.342	779.028
20)	L4 AR-1242-5	8.070	7.124	18896118	55047783	217.964	683.073 #
21)	L5 AR-1248-1	7.064	6.197	108.9E6	86348082	1406.575	1498.491
22)	L5 AR-1248-2	7.353	6.465	49760300	37770171	441.795	429.600
23)	L5 AR-1248-3	7.582	6.513	58732977	46430355	425.518	513.136
24)	L5 AR-1248-4	8.070	6.717	18896118	54208708	125.165	490.890 #
25)	L5 AR-1248-5	8.070	7.172	18896118	13678814	125.507	120.480
26)	L6 AR-1254-1	8.029	7.124	19773323	55047783	113.383	287.402 #
27)	L6 AR-1254-2	8.234	7.292	50688931	37823068	183.288	217.712
28)	L6 AR-1254-3	8.631	7.754	23665212	76225151	79.739	263.771 #
29)	L6 AR-1254-4	8.931	7.990	14677502	6152257	70.623	34.457 #
30)	L6 AR-1254-5	9.371	8.433	199.1E6	146.6E6	691.386	569.035
31)	L7 AR-1260-1	8.801	7.879	130.7E6	118.9E6	393.326	433.576
32)	L7 AR-1260-2	9.071	8.084	153.1E6	142.4E6	378.948	411.793
33)	L7 AR-1260-3	9.445	8.247	133.6E6	133.2E6	404.999	415.238
34)	L7 AR-1260-4	9.685	8.744	138.3E6	109.9E6	375.284	404.336
35)	L7 AR-1260-5	10.023	8.998	277.9E6	255.8E6	360.837	380.524
36)	L8 AR-1262-1	9.504	8.527	71891583	61562088	517.155	542.174
37)	L8 AR-1262-2	10.023	8.998	277.9E6	255.8E6	480.116	515.541
38)	L8 AR-1262-3	10.372	9.288	113.1E6	56178887	267.418	267.198
39)	L8 AR-1262-4	10.426	9.357	148.4E6	188.7E6	392.845	498.393 #
40)	L8 AR-1262-5	11.131	9.878	81072070	58763415	345.047	362.442
41)	L9 AR-1268-1	10.372	9.288	113.1E6	56178887	187.704	123.108 #
42)	L9 AR-1268-2	10.426	9.357	148.4E6	188.7E6	241.137	431.634 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
 Data File : PQ040349.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 11:18
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

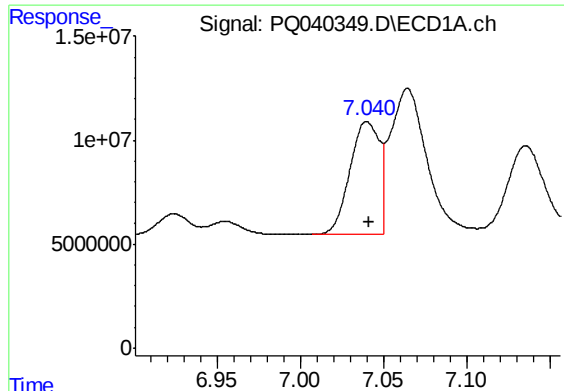
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660345

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 04:07:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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	10.677	9.564	4674277	3081153	8.605	8.207
44) L9	AR-1268-4	11.131	9.878	81072070	58763415	397.483	426.488
45) L9	AR-1268-5	11.556	10.186	26926214	16056534	14.572	13.605

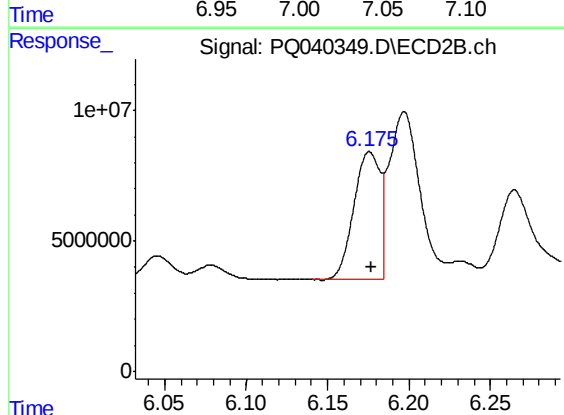
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

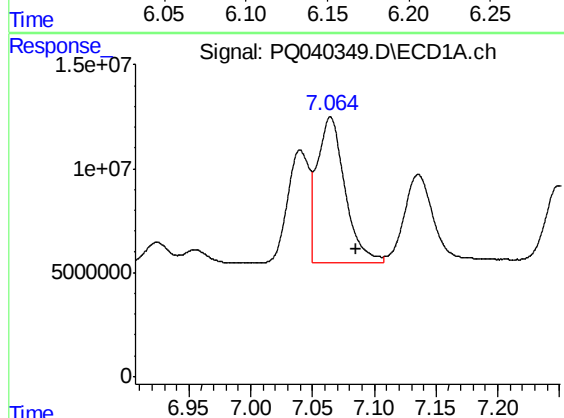
R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 66608159
Conc: 398.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



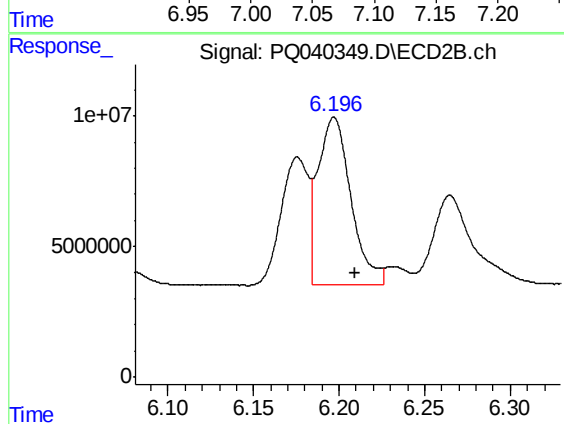
#3 AR-1016-1

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 54691271
Conc: 426.35 ng/ml



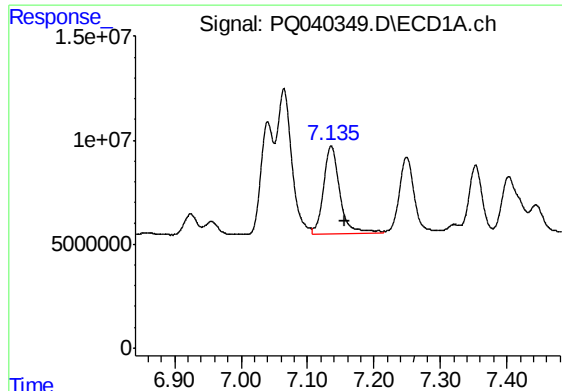
#4 AR-1016-2

R.T.: 7.064 min
Delta R.T.: -0.021 min
Response: 108872288
Conc: 414.12 ng/ml



#4 AR-1016-2

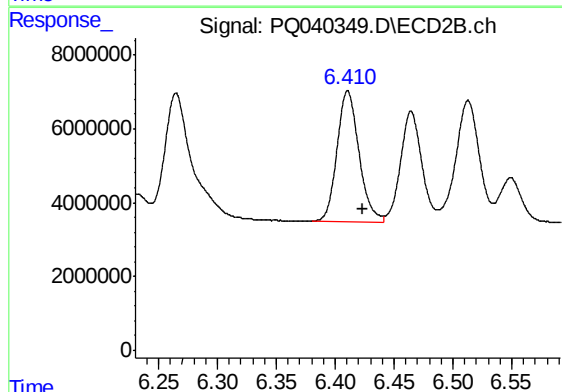
R.T.: 6.197 min
Delta R.T.: -0.012 min
Response: 86348082
Conc: 447.37 ng/ml



#5 AR-1016-3

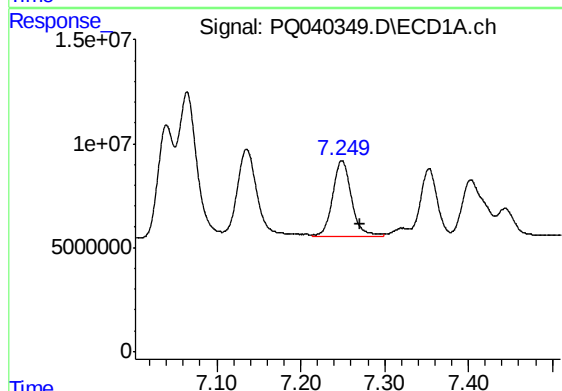
R.T.: 7.136 min
Delta R.T.: -0.020 min
Response: 72491056
Conc: 424.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



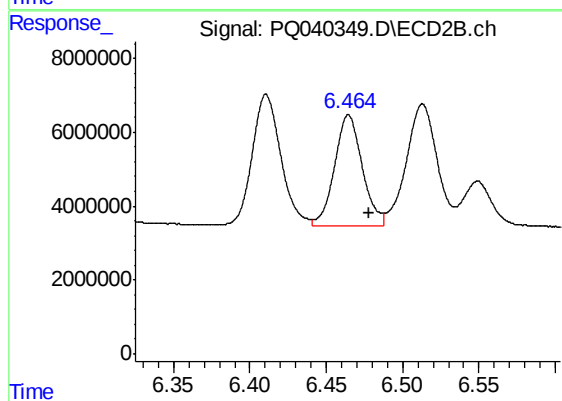
#5 AR-1016-3

R.T.: 6.411 min
Delta R.T.: -0.013 min
Response: 45838676
Conc: 425.02 ng/ml



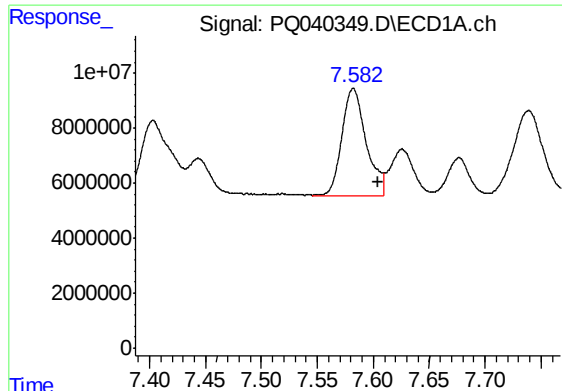
#6 AR-1016-4

R.T.: 7.249 min
Delta R.T.: -0.021 min
Response: 58013098
Conc: 419.70 ng/ml



#6 AR-1016-4

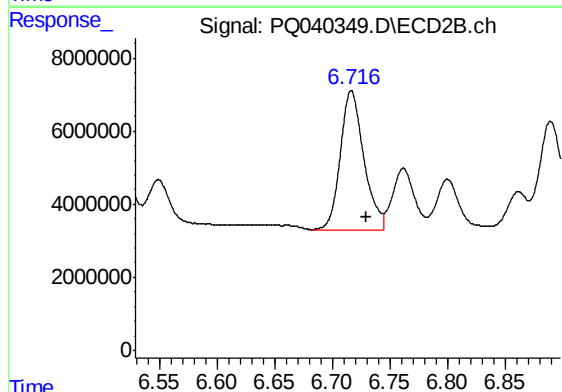
R.T.: 6.465 min
Delta R.T.: -0.013 min
Response: 37770171
Conc: 443.58 ng/ml



#7 AR-1016-5

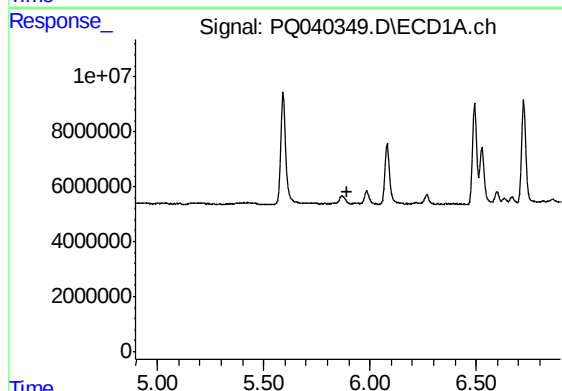
R.T.: 7.582 min
Delta R.T.: -0.022 min
Response: 58732977
Conc: 423.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



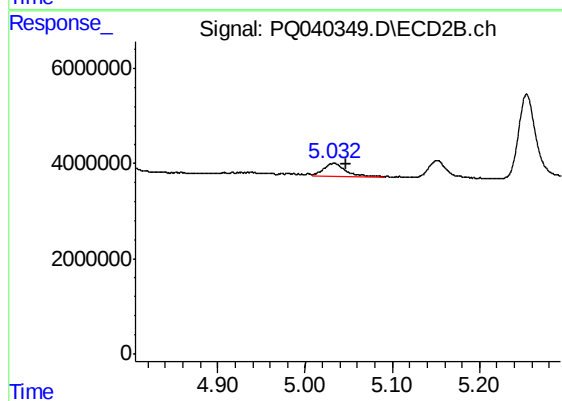
#7 AR-1016-5

R.T.: 6.717 min
Delta R.T.: -0.013 min
Response: 54208708
Conc: 470.81 ng/ml



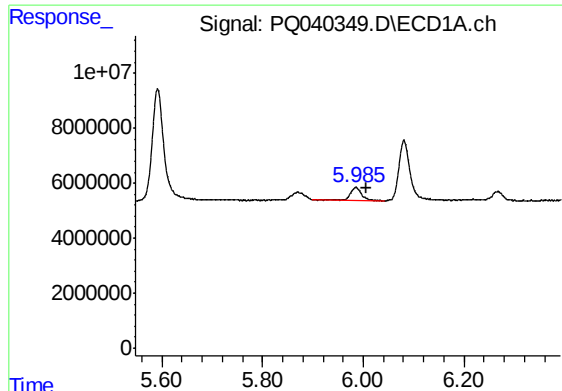
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

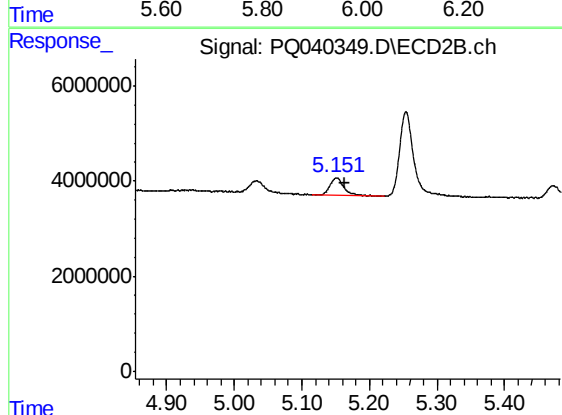
R.T.: 5.033 min
Delta R.T.: -0.014 min
Response: 4576171
Conc: 186.73 ng/ml



#9 AR-1221-2

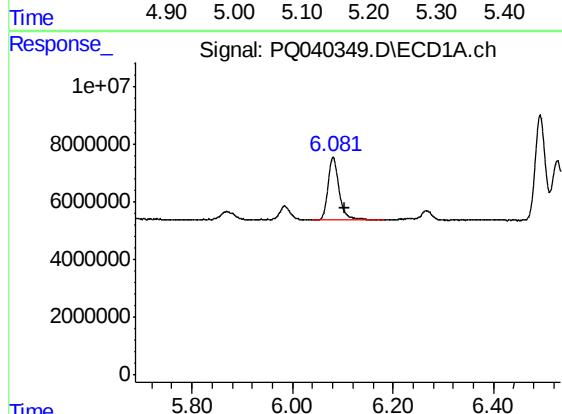
R.T.: 5.985 min
Delta R.T.: -0.021 min
Response: 6301294
Conc: 286.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



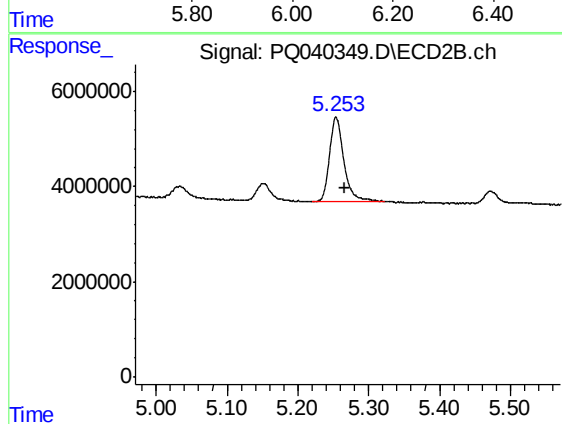
#9 AR-1221-2

R.T.: 5.151 min
Delta R.T.: -0.012 min
Response: 5445363
Conc: 334.32 ng/ml



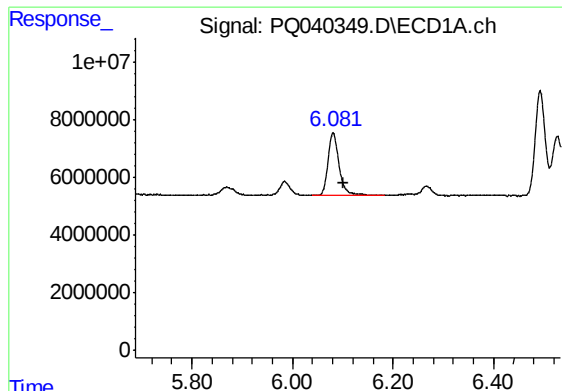
#10 AR-1221-3

R.T.: 6.081 min
Delta R.T.: -0.022 min
Response: 33533178
Conc: 379.59 ng/ml



#10 AR-1221-3

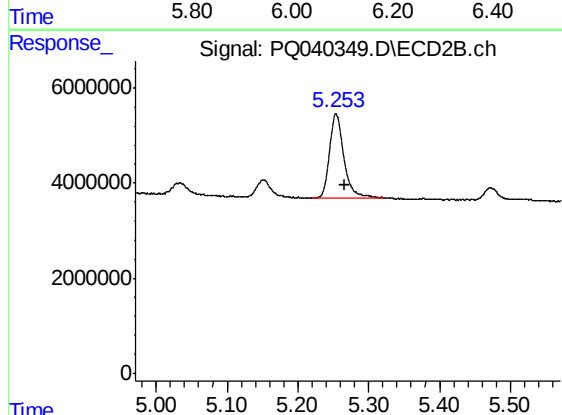
R.T.: 5.254 min
Delta R.T.: -0.013 min
Response: 24922826
Conc: 409.87 ng/ml



#11 AR-1232-1

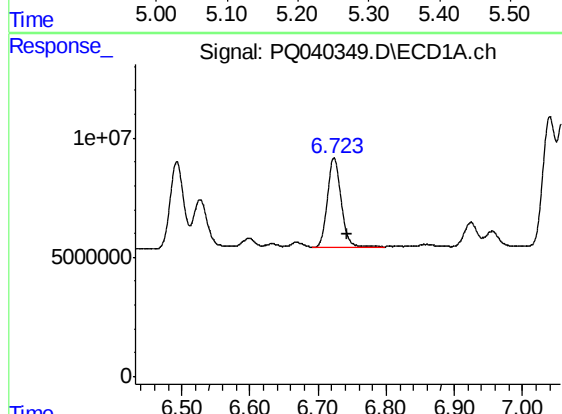
R.T.: 6.081 min
Delta R.T.: -0.020 min
Response: 33533178
Conc: 517.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



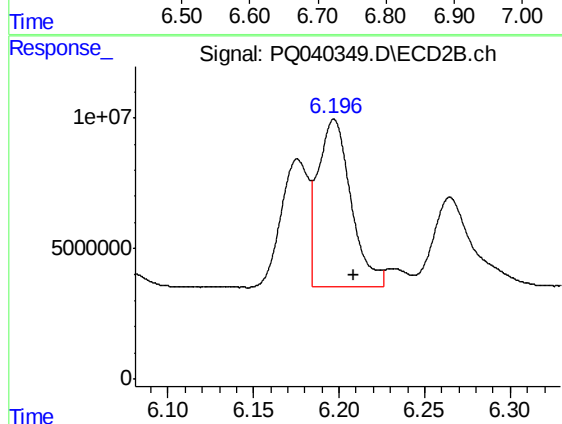
#11 AR-1232-1

R.T.: 5.254 min
Delta R.T.: -0.011 min
Response: 24922826
Conc: 543.89 ng/ml



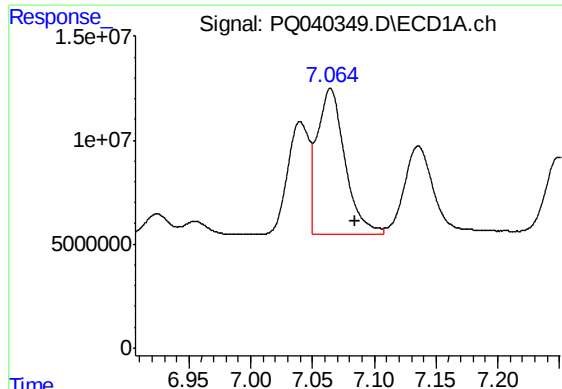
#12 AR-1232-2

R.T.: 6.724 min
Delta R.T.: -0.020 min
Response: 52800492
Conc: 1331.74 ng/ml



#12 AR-1232-2

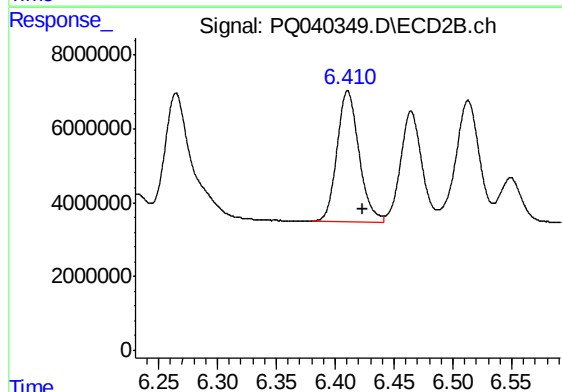
R.T.: 6.197 min
Delta R.T.: -0.011 min
Response: 86348082
Conc: 1439.46 ng/ml



#13 AR-1232-3

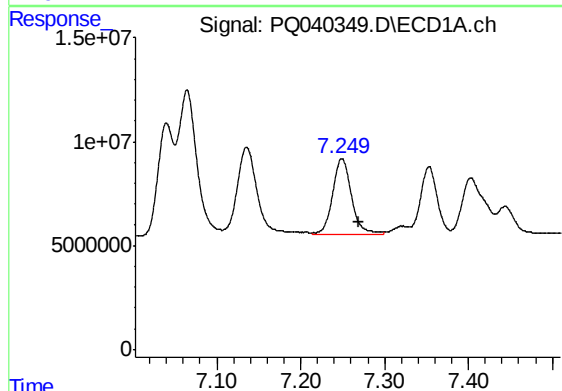
R.T.: 7.064 min
Delta R.T.: -0.020 min
Response: 108872288
Conc: 1347.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



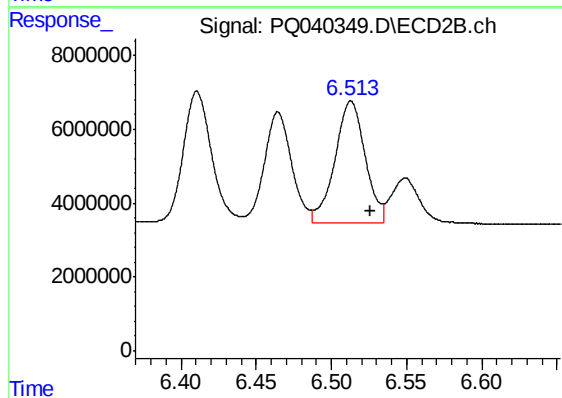
#13 AR-1232-3

R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 45838676
Conc: 1303.43 ng/ml



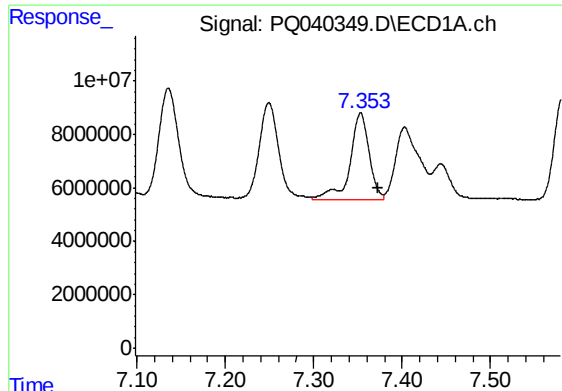
#14 AR-1232-4

R.T.: 7.249 min
Delta R.T.: -0.020 min
Response: 58013098
Conc: 1387.93 ng/ml



#14 AR-1232-4

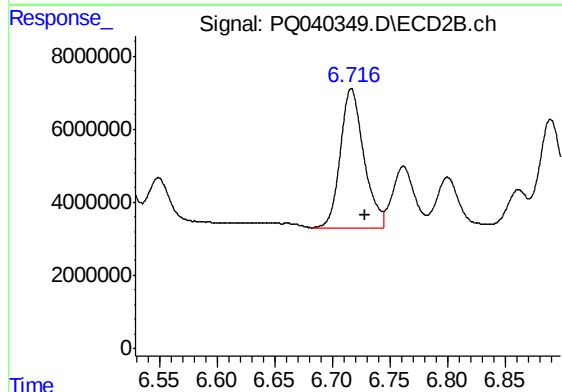
R.T.: 6.513 min
Delta R.T.: -0.013 min
Response: 46430355
Conc: 1571.34 ng/ml



#15 AR-1232-5

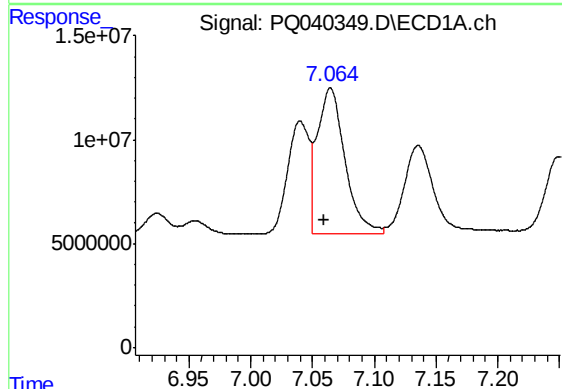
R.T.: 7.353 min
Delta R.T.: -0.019 min
Response: 49760300
Conc: 1570.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



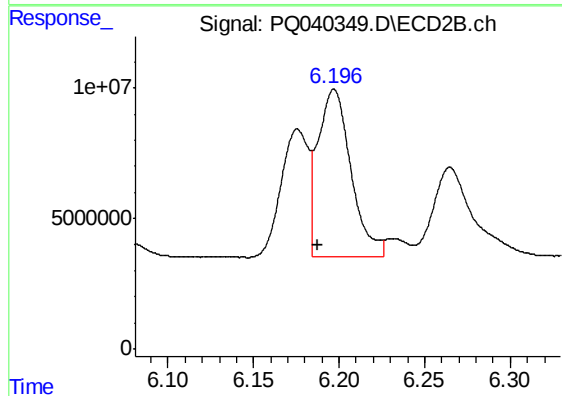
#15 AR-1232-5

R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 54208708
Conc: 1800.69 ng/ml



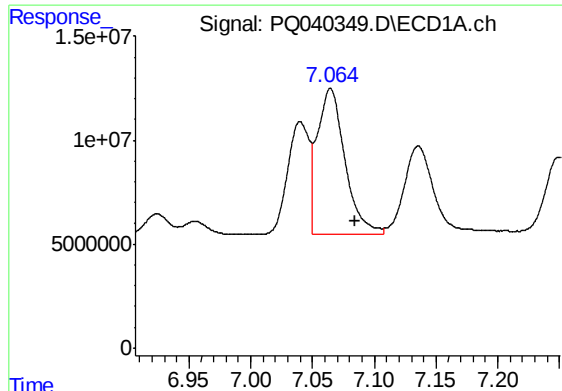
#16 AR-1242-1

R.T.: 7.064 min
Delta R.T.: 0.005 min
Response: 108872288
Conc: 1122.90 ng/ml



#16 AR-1242-1

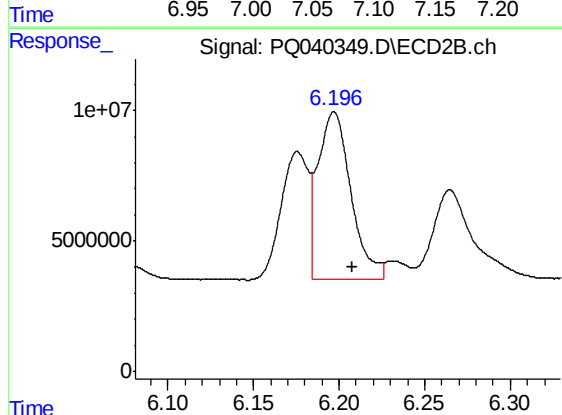
R.T.: 6.197 min
Delta R.T.: 0.010 min
Response: 86348082
Conc: 1167.69 ng/ml



#17 AR-1242-2

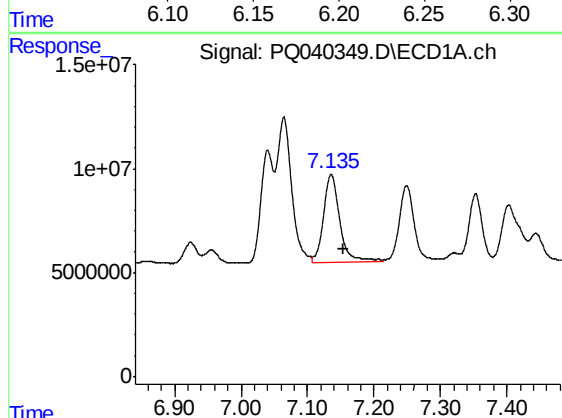
R.T.: 7.064 min
Delta R.T.: -0.020 min
Response: 108872288
Conc: 753.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



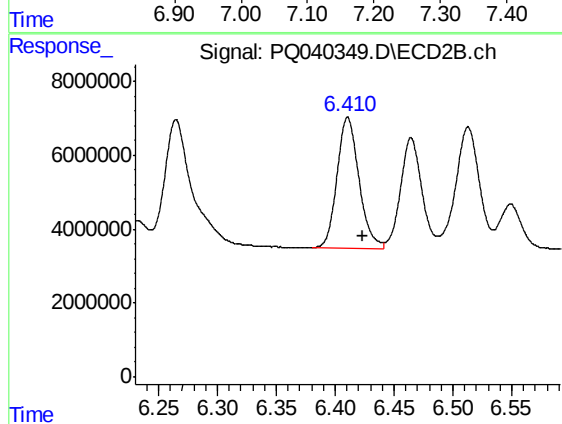
#17 AR-1242-2

R.T.: 6.197 min
Delta R.T.: -0.010 min
Response: 86348082
Conc: 811.09 ng/ml



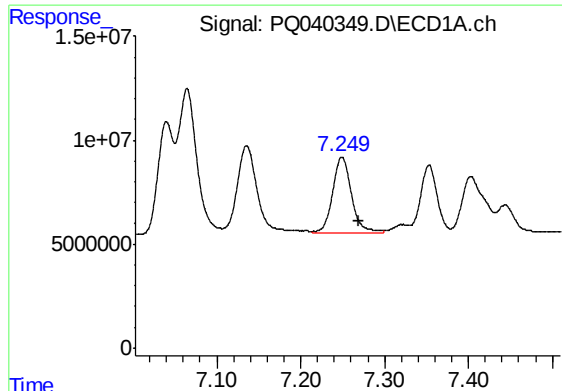
#18 AR-1242-3

R.T.: 7.136 min
Delta R.T.: -0.019 min
Response: 72491056
Conc: 778.72 ng/ml



#18 AR-1242-3

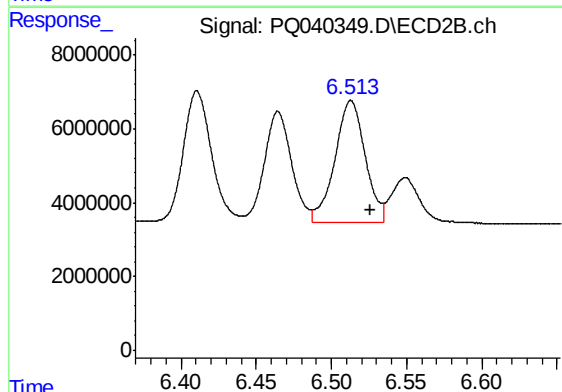
R.T.: 6.411 min
Delta R.T.: -0.013 min
Response: 45838676
Conc: 759.87 ng/ml



#19 AR-1242-4

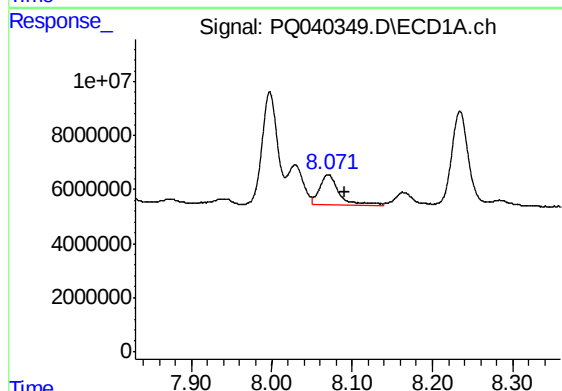
R.T.: 7.249 min
Delta R.T.: -0.021 min
Response: 58013098
Conc: 771.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



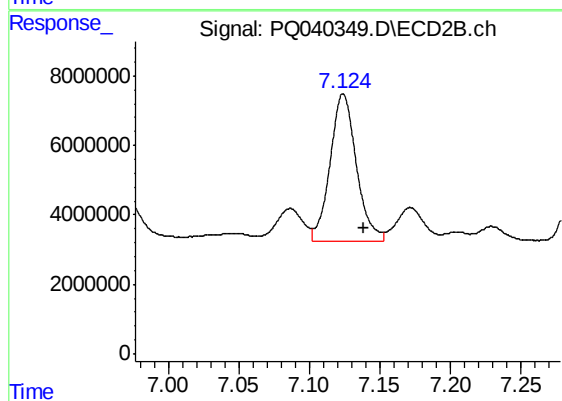
#19 AR-1242-4

R.T.: 6.513 min
Delta R.T.: -0.012 min
Response: 46430355
Conc: 779.03 ng/ml



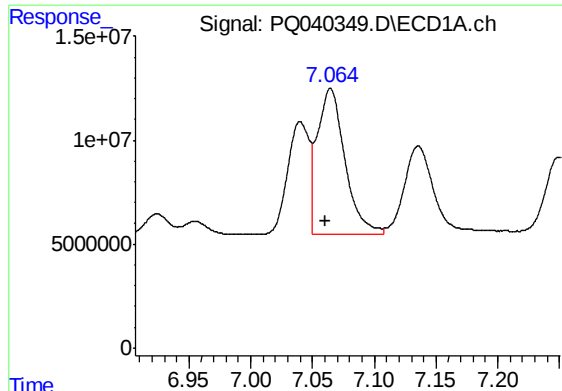
#20 AR-1242-5

R.T.: 8.070 min
Delta R.T.: -0.020 min
Response: 18896118
Conc: 217.96 ng/ml



#20 AR-1242-5

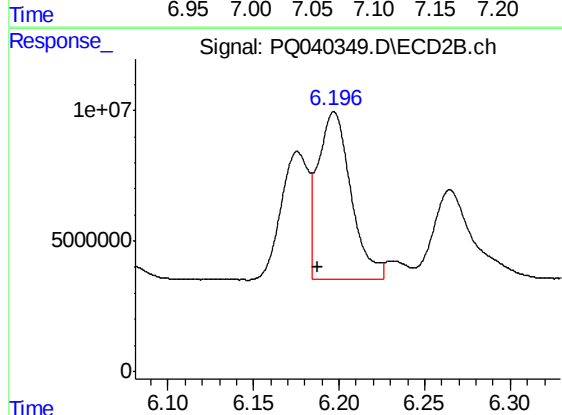
R.T.: 7.124 min
Delta R.T.: -0.014 min
Response: 55047783
Conc: 683.07 ng/ml



#21 AR-1248-1

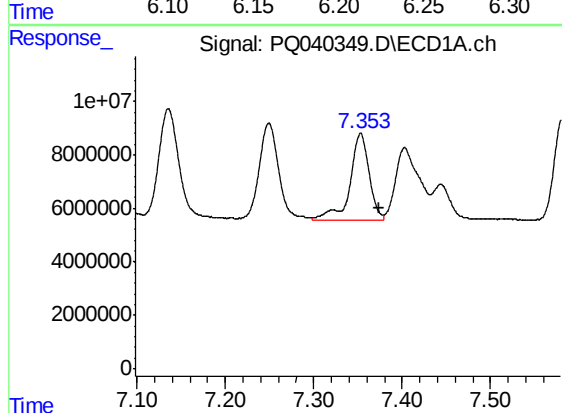
R.T.: 7.064 min
Delta R.T.: 0.004 min
Response: 108872288
Conc: 1406.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



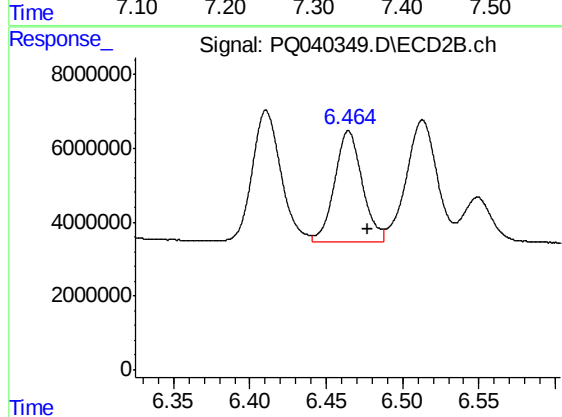
#21 AR-1248-1

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 86348082
Conc: 1498.49 ng/ml



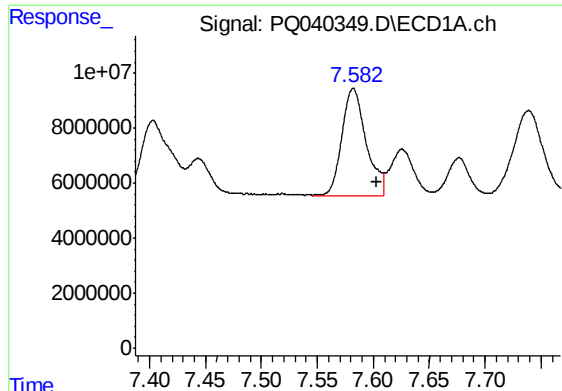
#22 AR-1248-2

R.T.: 7.353 min
Delta R.T.: -0.021 min
Response: 49760300
Conc: 441.80 ng/ml



#22 AR-1248-2

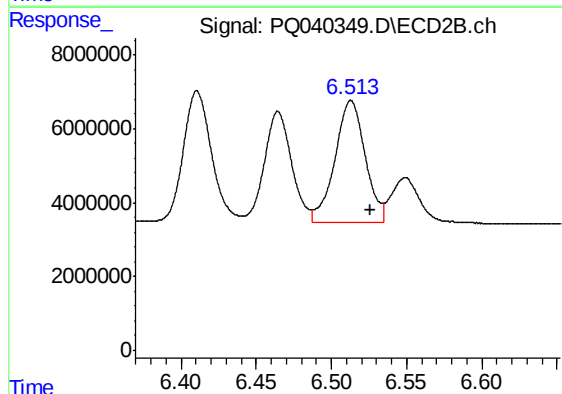
R.T.: 6.465 min
Delta R.T.: -0.012 min
Response: 37770171
Conc: 429.60 ng/ml



#23 AR-1248-3

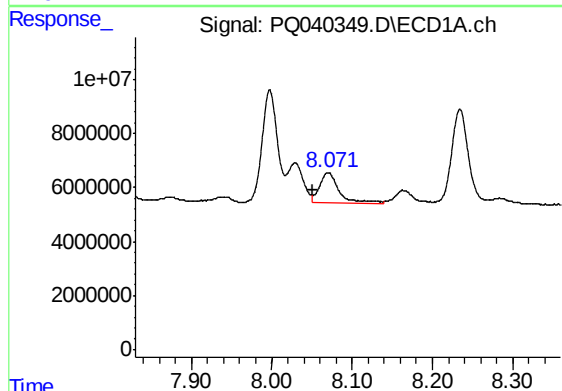
R.T.: 7.582 min
Delta R.T.: -0.021 min
Response: 58732977
Conc: 425.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



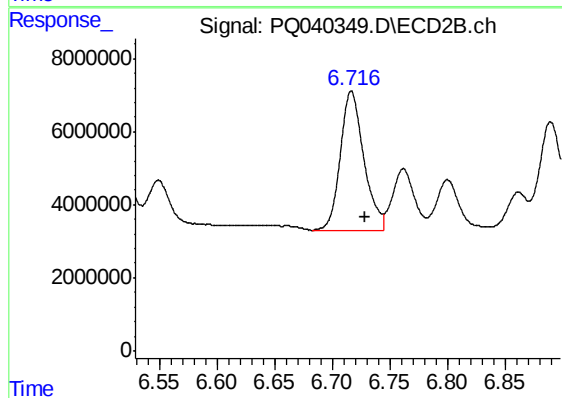
#23 AR-1248-3

R.T.: 6.513 min
Delta R.T.: -0.013 min
Response: 46430355
Conc: 513.14 ng/ml



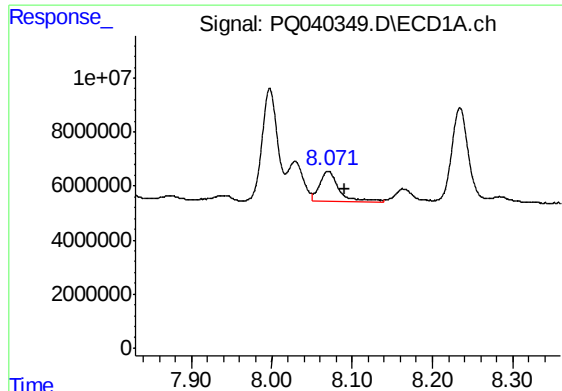
#24 AR-1248-4

R.T.: 8.070 min
Delta R.T.: 0.020 min
Response: 18896118
Conc: 125.16 ng/ml



#24 AR-1248-4

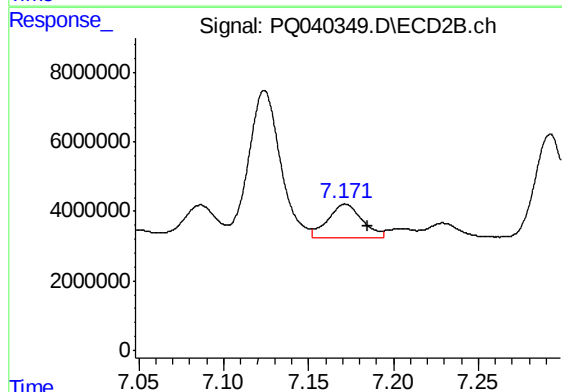
R.T.: 6.717 min
Delta R.T.: -0.013 min
Response: 54208708
Conc: 490.89 ng/ml



#25 AR-1248-5

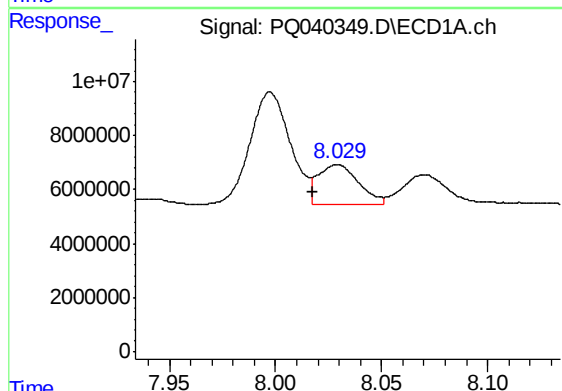
R.T.: 8.070 min
Delta R.T.: -0.021 min
Response: 18896118
Conc: 125.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



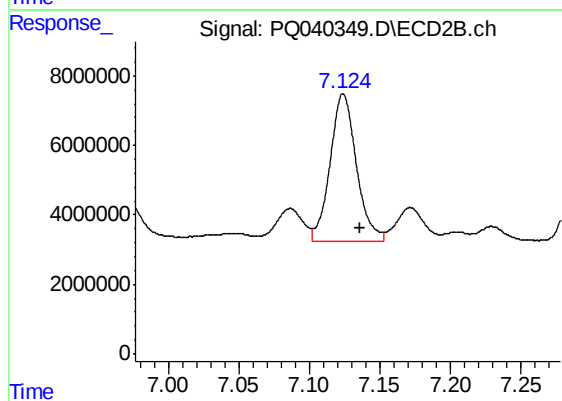
#25 AR-1248-5

R.T.: 7.172 min
Delta R.T.: -0.013 min
Response: 13678814
Conc: 120.48 ng/ml



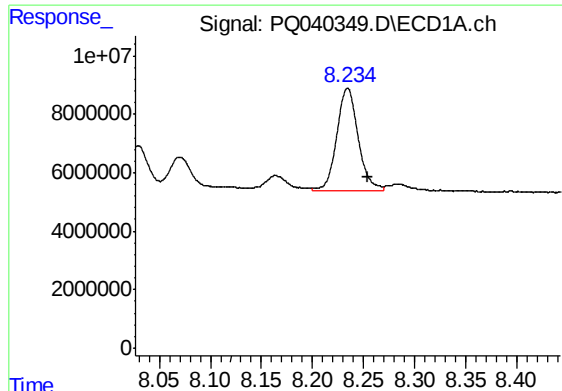
#26 AR-1254-1

R.T.: 8.029 min
Delta R.T.: 0.012 min
Response: 19773323
Conc: 113.38 ng/ml



#26 AR-1254-1

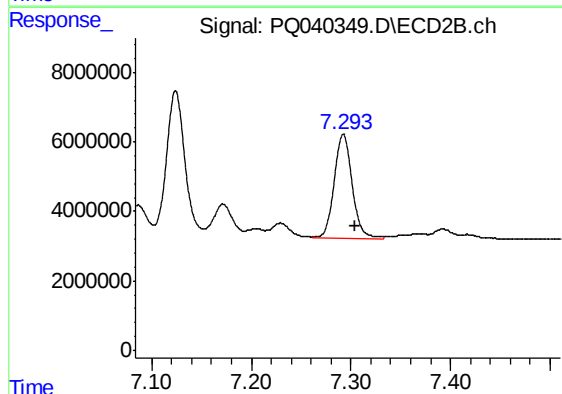
R.T.: 7.124 min
Delta R.T.: -0.012 min
Response: 55047783
Conc: 287.40 ng/ml



#27 AR-1254-2

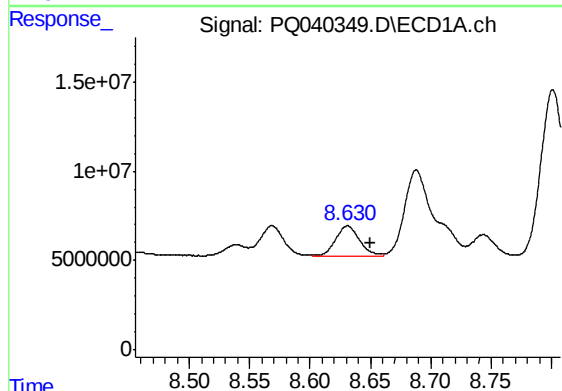
R.T.: 8.234 min
Delta R.T.: -0.020 min
Response: 50688931
Conc: 183.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



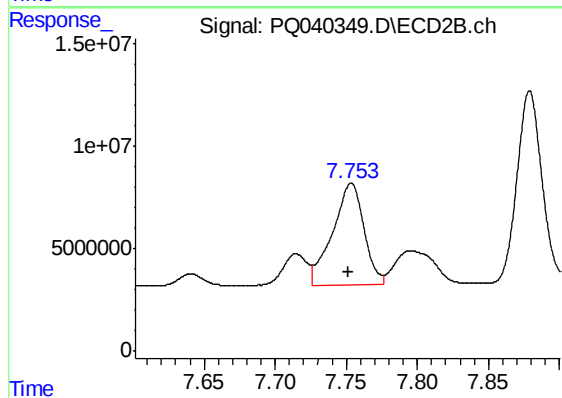
#27 AR-1254-2

R.T.: 7.292 min
Delta R.T.: -0.012 min
Response: 37823068
Conc: 217.71 ng/ml



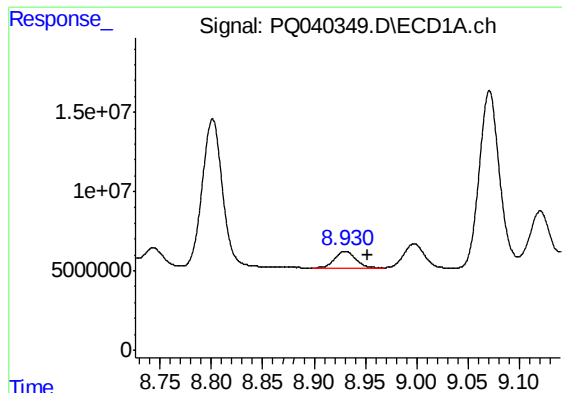
#28 AR-1254-3

R.T.: 8.631 min
Delta R.T.: -0.019 min
Response: 23665212
Conc: 79.74 ng/ml



#28 AR-1254-3

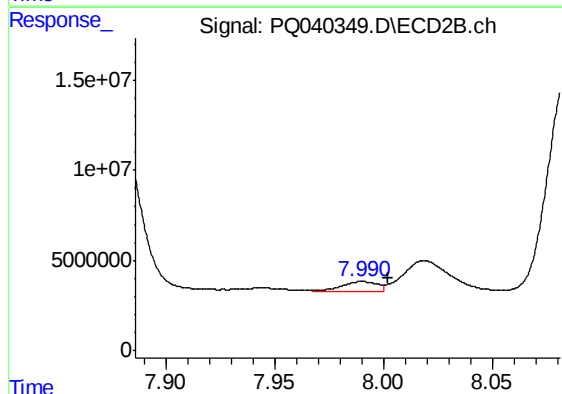
R.T.: 7.754 min
Delta R.T.: 0.002 min
Response: 76225151
Conc: 263.77 ng/ml



#29 AR-1254-4

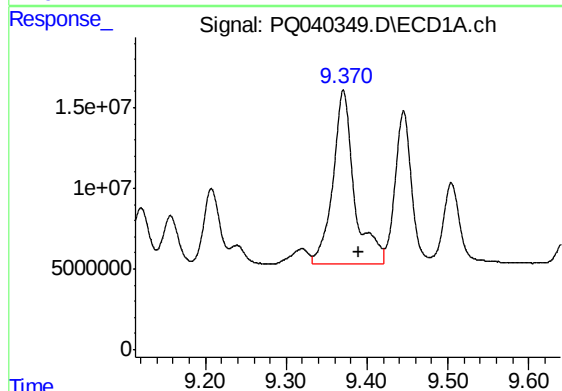
R.T.: 8.931 min
Delta R.T.: -0.021 min
Response: 14677502
Conc: 70.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



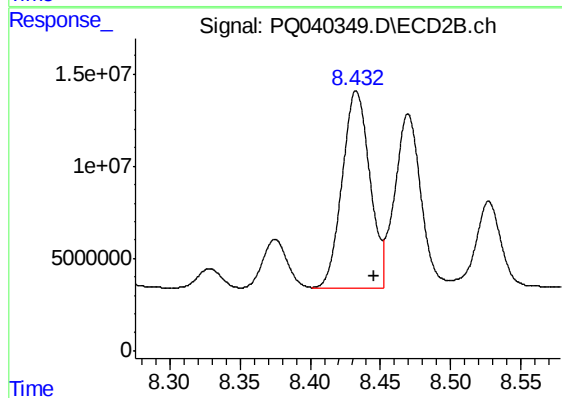
#29 AR-1254-4

R.T.: 7.990 min
Delta R.T.: -0.012 min
Response: 6152257
Conc: 34.46 ng/ml



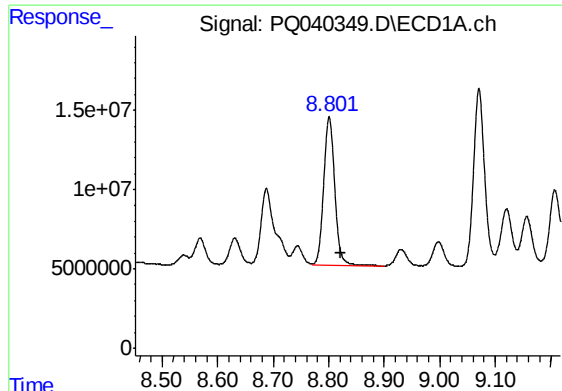
#30 AR-1254-5

R.T.: 9.371 min
Delta R.T.: -0.019 min
Response: 199114712
Conc: 691.39 ng/ml



#30 AR-1254-5

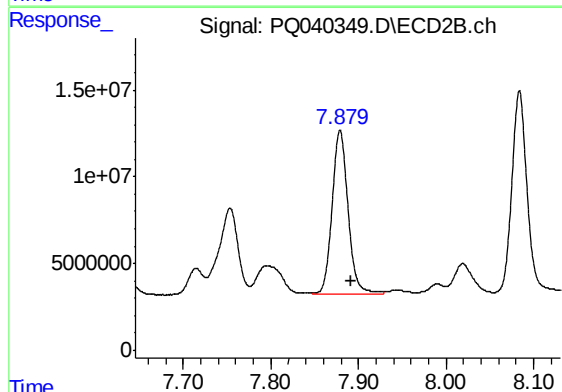
R.T.: 8.433 min
Delta R.T.: -0.013 min
Response: 146600560
Conc: 569.03 ng/ml



#31 AR-1260-1

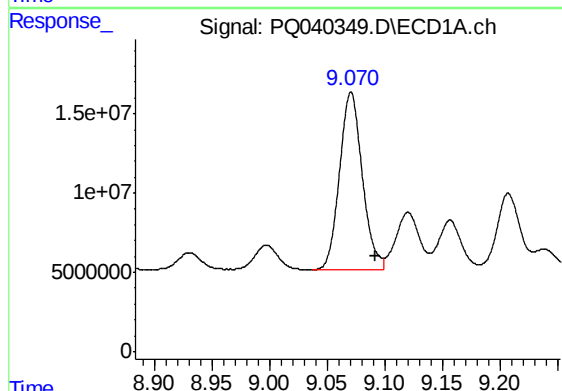
R.T.: 8.801 min
Delta R.T.: -0.021 min
Response: 130745259
Conc: 393.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



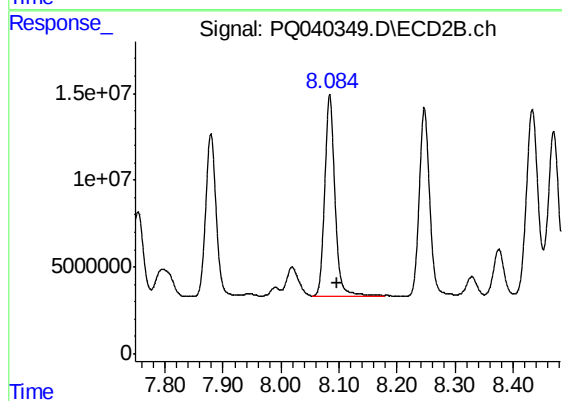
#31 AR-1260-1

R.T.: 7.879 min
Delta R.T.: -0.013 min
Response: 118859688
Conc: 433.58 ng/ml



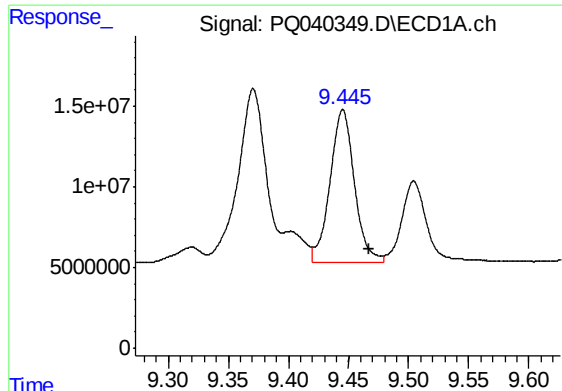
#32 AR-1260-2

R.T.: 9.071 min
Delta R.T.: -0.022 min
Response: 153082380
Conc: 378.95 ng/ml



#32 AR-1260-2

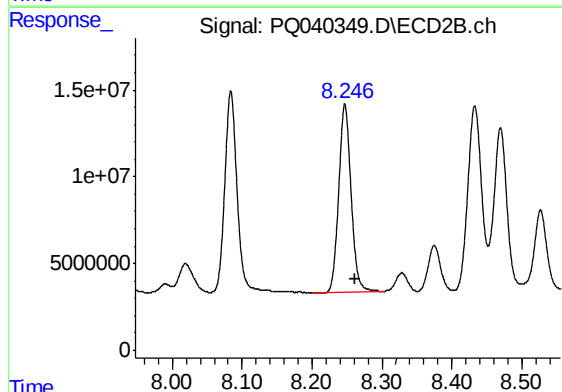
R.T.: 8.084 min
Delta R.T.: -0.013 min
Response: 142445967
Conc: 411.79 ng/ml



#33 AR-1260-3

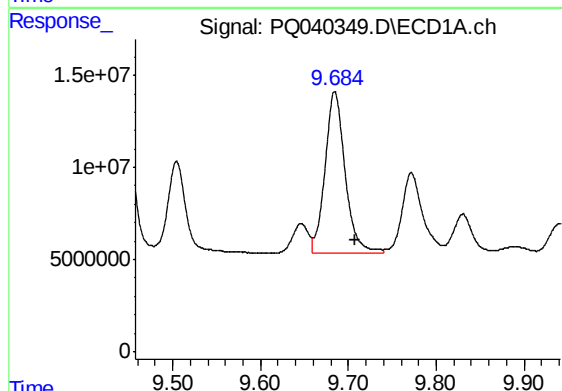
R.T.: 9.445 min
Delta R.T.: -0.021 min
Response: 133604270
Conc: 405.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



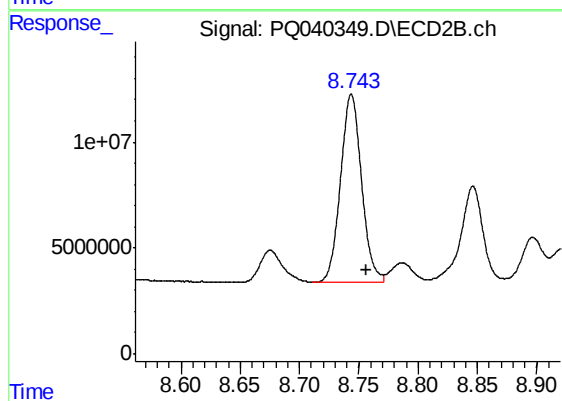
#33 AR-1260-3

R.T.: 8.247 min
Delta R.T.: -0.013 min
Response: 133168630
Conc: 415.24 ng/ml



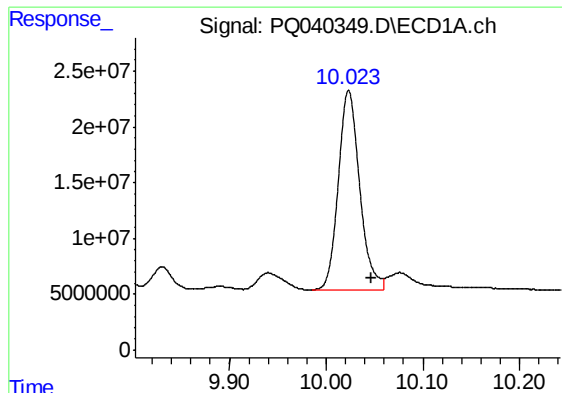
#34 AR-1260-4

R.T.: 9.685 min
Delta R.T.: -0.023 min
Response: 138304408
Conc: 375.28 ng/ml



#34 AR-1260-4

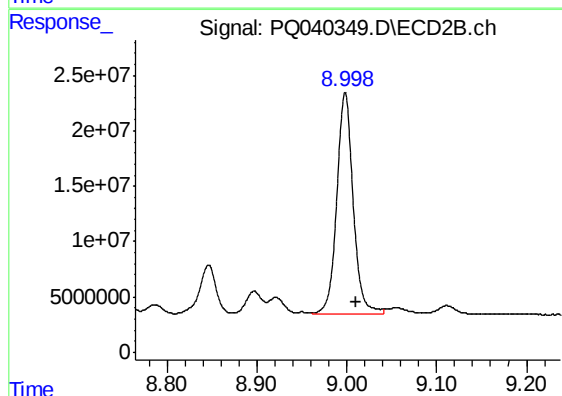
R.T.: 8.744 min
Delta R.T.: -0.013 min
Response: 109865997
Conc: 404.34 ng/ml



#35 AR-1260-5

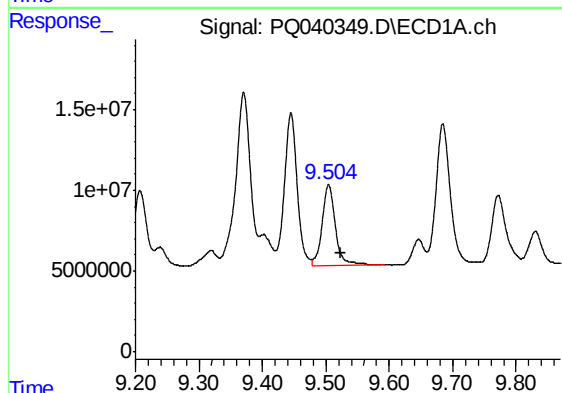
R.T.: 10.023 min
Delta R.T.: -0.023 min
Response: 277867773
Conc: 360.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



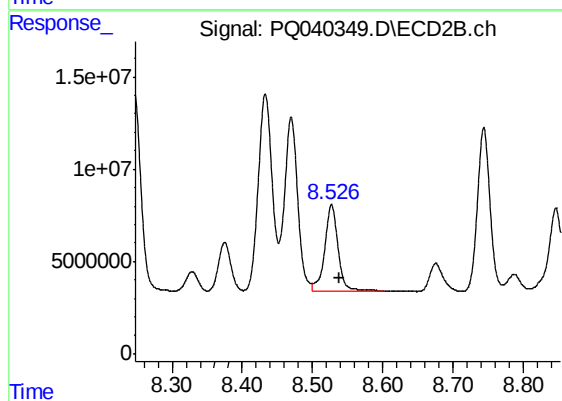
#35 AR-1260-5

R.T.: 8.998 min
Delta R.T.: -0.012 min
Response: 255780822
Conc: 380.52 ng/ml



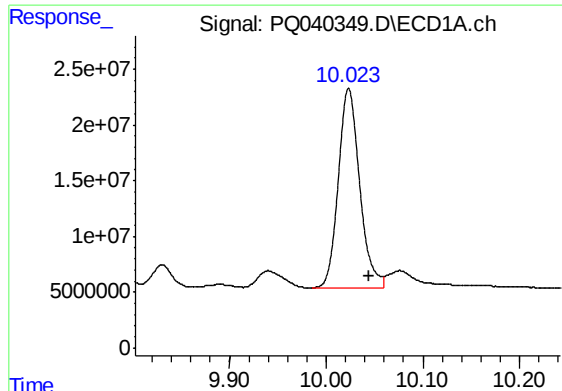
#36 AR-1262-1

R.T.: 9.504 min
Delta R.T.: -0.019 min
Response: 71891583
Conc: 517.16 ng/ml



#36 AR-1262-1

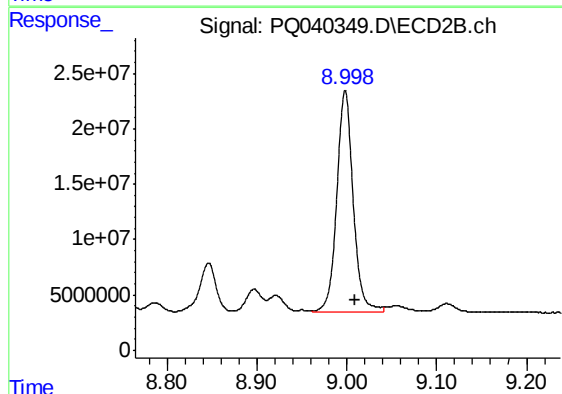
R.T.: 8.527 min
Delta R.T.: -0.012 min
Response: 61562088
Conc: 542.17 ng/ml



#37 AR-1262-2

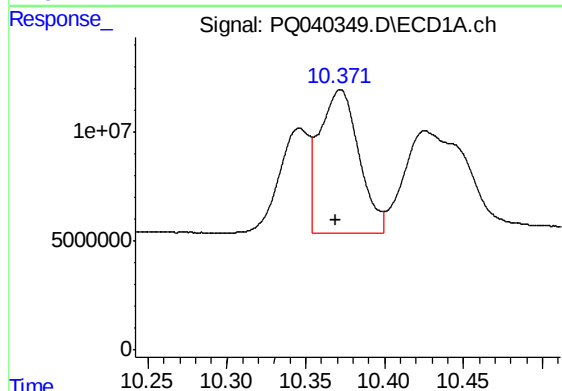
R.T.: 10.023 min
Delta R.T.: -0.021 min
Response: 277867773
Conc: 480.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



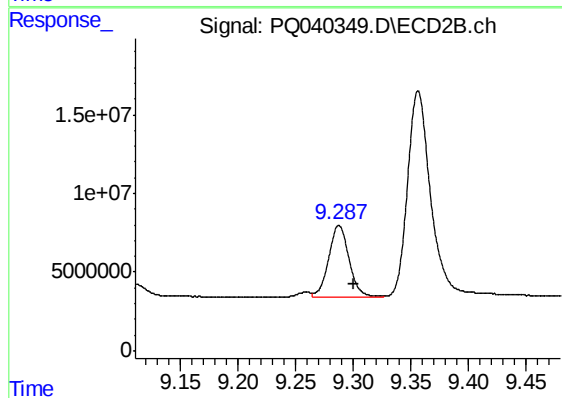
#37 AR-1262-2

R.T.: 8.998 min
Delta R.T.: -0.011 min
Response: 255780822
Conc: 515.54 ng/ml



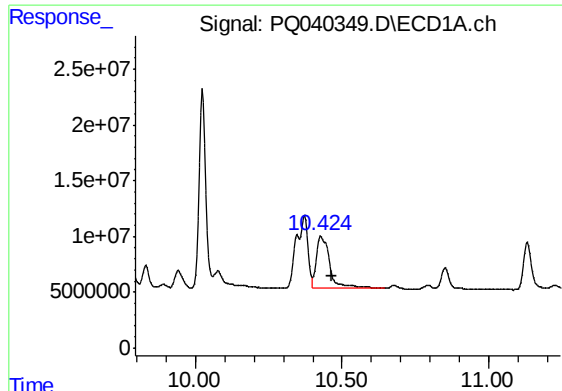
#38 AR-1262-3

R.T.: 10.372 min
Delta R.T.: 0.003 min
Response: 113068611
Conc: 267.42 ng/ml



#38 AR-1262-3

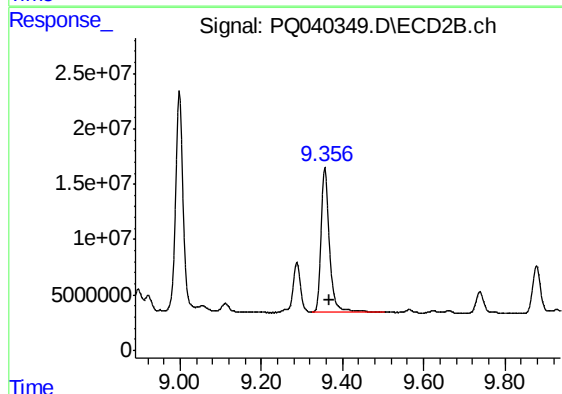
R.T.: 9.288 min
Delta R.T.: -0.013 min
Response: 56178887
Conc: 267.20 ng/ml



#39 AR-1262-4

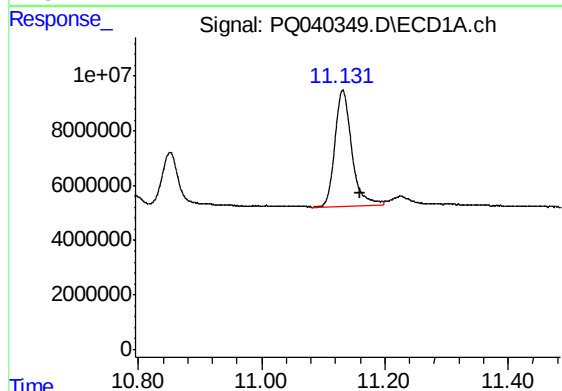
R.T.: 10.426 min
Delta R.T.: -0.041 min
Response: 148375963
Conc: 392.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



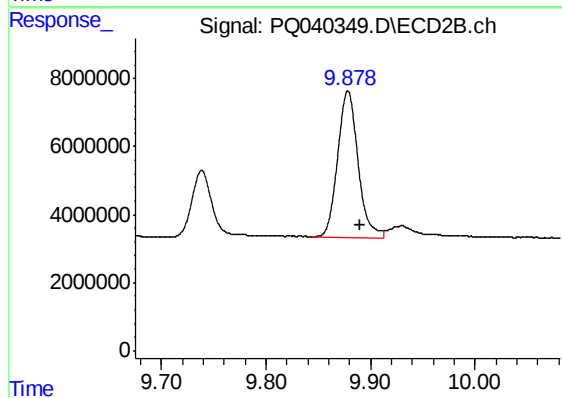
#39 AR-1262-4

R.T.: 9.357 min
Delta R.T.: -0.012 min
Response: 188704256
Conc: 498.39 ng/ml



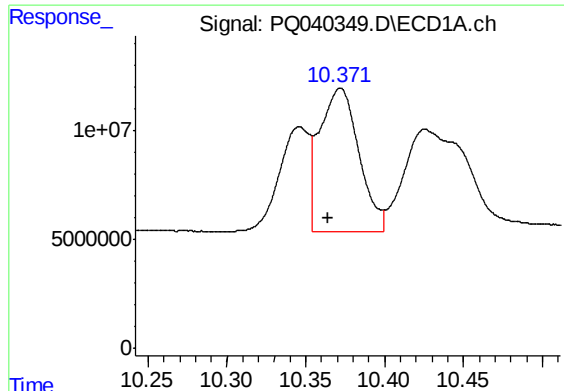
#40 AR-1262-5

R.T.: 11.131 min
Delta R.T.: -0.028 min
Response: 81072070
Conc: 345.05 ng/ml



#40 AR-1262-5

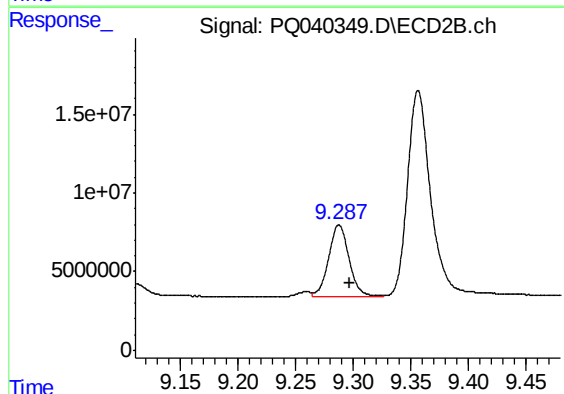
R.T.: 9.878 min
Delta R.T.: -0.011 min
Response: 58763415
Conc: 362.44 ng/ml



#41 AR-1268-1

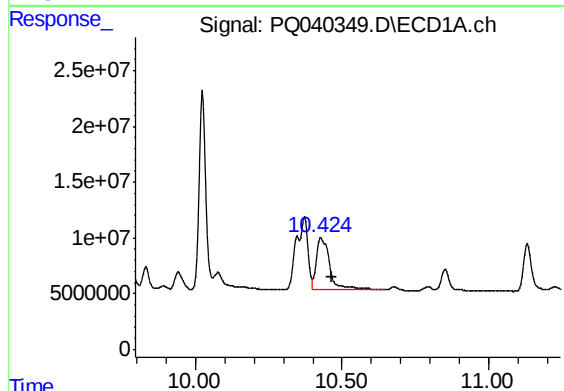
R.T.: 10.372 min
Delta R.T.: 0.008 min
Response: 113068611
Conc: 187.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



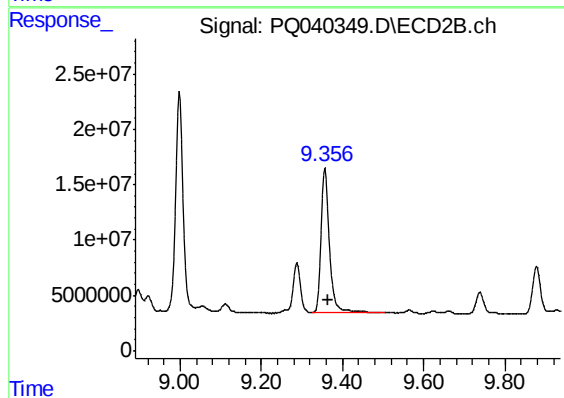
#41 AR-1268-1

R.T.: 9.288 min
Delta R.T.: -0.009 min
Response: 56178887
Conc: 123.11 ng/ml



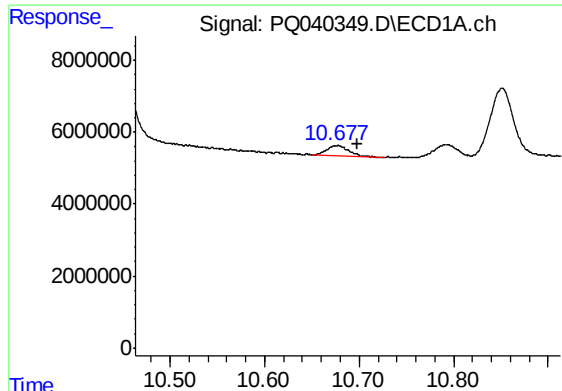
#42 AR-1268-2

R.T.: 10.426 min
Delta R.T.: -0.038 min
Response: 148375963
Conc: 241.14 ng/ml



#42 AR-1268-2

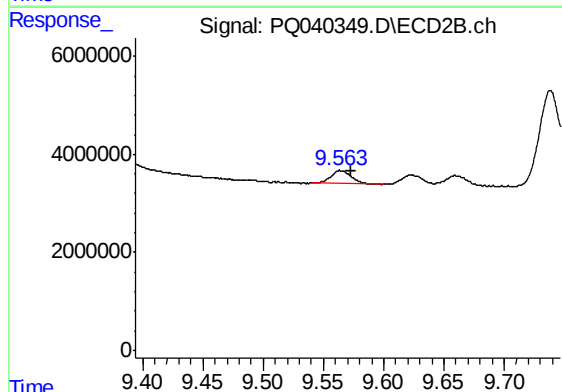
R.T.: 9.357 min
Delta R.T.: -0.009 min
Response: 188704256
Conc: 431.63 ng/ml



#43 AR-1268-3

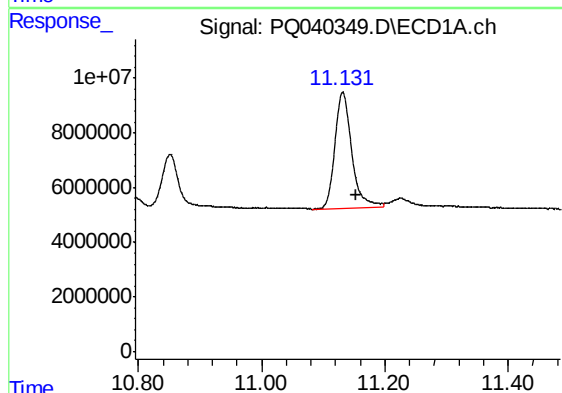
R.T.: 10.677 min
Delta R.T.: -0.021 min
Response: 4674277
Conc: 8.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



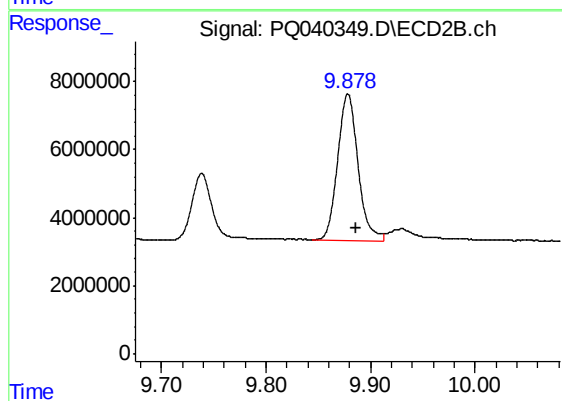
#43 AR-1268-3

R.T.: 9.564 min
Delta R.T.: -0.009 min
Response: 3081153
Conc: 8.21 ng/ml



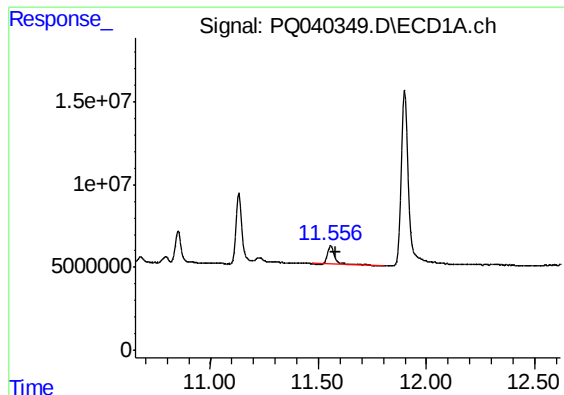
#44 AR-1268-4

R.T.: 11.131 min
Delta R.T.: -0.022 min
Response: 81072070
Conc: 397.48 ng/ml



#44 AR-1268-4

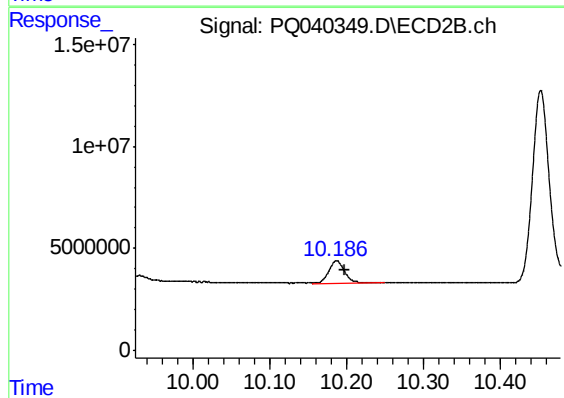
R.T.: 9.878 min
Delta R.T.: -0.008 min
Response: 58763415
Conc: 426.49 ng/ml



#45 AR-1268-5

R.T.: 11.556 min
Delta R.T.: -0.026 min
Response: 26926214
Conc: 14.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660345



#45 AR-1268-5

R.T.: 10.186 min
Delta R.T.: -0.010 min
Response: 16056534
Conc: 13.60 ng/ml