

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
 Data File : PQ042042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2019 20:49
 Operator : SM\AJ
 Sample : K4186-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETP17

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 06:28:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.682	4.741	44216013	39769196	19.280	20.635
2)	SA Decachlor...	12.072	10.495	192.0E6	145.4E6	22.774	30.049 #
Target Compounds							
3)	L1 AR-1016-1	7.154	6.216	1048.2E6	914.3E6	9697.579	8810.823
4)	L1 AR-1016-2	7.154	6.216	1048.2E6	914.3E6	6696.288	6381.641
5)	L1 AR-1016-3	7.235	6.431	57259730	501.5E6	591.966	6724.575 #
6)	L1 AR-1016-4	7.335	6.485	519.2E6	1123.7E6	6654.558	18121.669 #
7)	L1 AR-1016-5	7.671	6.737	1424.9E6	1426.2E6	18126.549	17520.335
10)	L2 AR-1221-3	0.000	5.340	0	17944146	N.D.	329.057 #
11)	L3 AR-1232-1	0.000	5.340	0	17944146	N.D.	371.609 #
12)	L3 AR-1232-2	6.811	6.216	156.4E6	914.3E6	4759.295	16032.406 #
13)	L3 AR-1232-3	7.154	6.431	1048.2E6	501.5E6	15699.522	16816.674
14)	L3 AR-1232-4	7.335	6.570	519.2E6	474.4E6	16184.686	17768.752
15)	L3 AR-1232-5	7.441	6.737	1105.3E6	1426.2E6	51433.254	48632.879
16)	L4 AR-1242-1	7.154	6.216	1048.2E6	914.3E6	11717.879	11171.746
17)	L4 AR-1242-2	7.154	6.216	1048.2E6	914.3E6	8151.045	8095.541
18)	L4 AR-1242-3	7.235	6.431	57259730	501.5E6	706.157	8488.951 #
19)	L4 AR-1242-4	7.335	6.532	519.2E6	1006.9E6	8075.425	16979.705 #
20)	L4 AR-1242-5	8.159	7.146	1533.0E6	980.1E6	17277.593	11037.401 #
21)	L5 AR-1248-1	7.154	6.216	1048.2E6	914.3E6	14138.245	13789.433
22)	L5 AR-1248-2	7.441	6.485	1105.3E6	1123.7E6	11980.018	12888.633
23)	L5 AR-1248-3	7.671	6.532	1424.9E6	1006.9E6	12717.909	11280.518
24)	L5 AR-1248-4	8.119	6.737	625.3E6	1426.2E6	3999.161	12948.939 #
25)	L5 AR-1248-5	8.159	7.192	1533.0E6	1440.9E6	10130.424	11241.556
26)	L6 AR-1254-1	8.087	7.146	1023.3E6	980.1E6	7355.681	5358.883 #
27)	L6 AR-1254-2	8.329	7.313	1337.6E6	494.6E6	5843.879	3055.648 #
28)	L6 AR-1254-3	8.719	7.761	770.8E6	882.5E6	2818.976	3059.975
29)	L6 AR-1254-4	9.022	8.010	557.0E6	574.8E6	2262.673	2647.812
30)	L6 AR-1254-5	9.461	8.455	441.8E6	419.7E6	1631.133	1395.367
31)	L7 AR-1260-1	8.893	7.916	189.7E6	475.8E6	1066.586	2622.597 #
32)	L7 AR-1260-2	9.162	8.105	329.6E6	207.9E6	1306.690	847.253 #
33)	L7 AR-1260-3	9.537	8.270	123.6E6	200.5E6	539.263	942.082 #
34)	L7 AR-1260-4	9.776	8.768	195.4E6	105.0E6	765.442	519.035 #
35)	L7 AR-1260-5	10.127	9.054	293.3E6	8708682	435.367	14.755 #
36)	L8 AR-1262-1	9.599	8.551	48855759	67000435	317.875	467.017 #
37)	L8 AR-1262-2	10.127	9.020	293.3E6	327.1E6	334.993	441.393 #
38)	L8 AR-1262-3	10.481	9.313	200.8E6	47716757	316.226	150.825 #
39)	L8 AR-1262-4	10.539	9.380	106.0E6	205.1E6	211.671	364.643 #
40)	L8 AR-1262-5	11.267	9.903	86693165	70485030	212.948	246.792
41)	L9 AR-1268-1	10.481	9.313	200.8E6	47716757	140.961	41.740 #
42)	L9 AR-1268-2	10.539	9.380	106.0E6	205.1E6	80.357	199.758 #
43)	L9 AR-1268-3	10.802	9.593	5866641	3031472	5.014	3.489 #
44)	L9 AR-1268-4	11.267	9.903	86693165	70485030	159.240	183.236

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
Data File : PQ042042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2019 20:49
Operator : SM\AJ
Sample : K4186-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

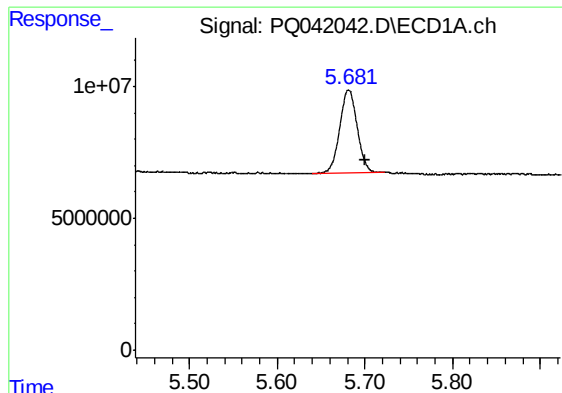
Instrument :
ECD_Q
ClientSampleId :
ETP17

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 06:28:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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
45) L9	AR-1268-5	11.710	10.219	22967951	17511082	5.667	6.742

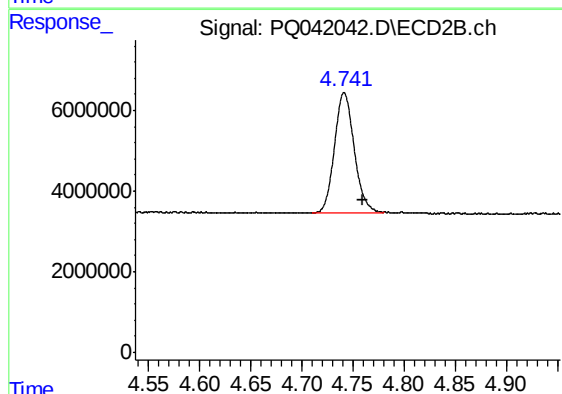
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

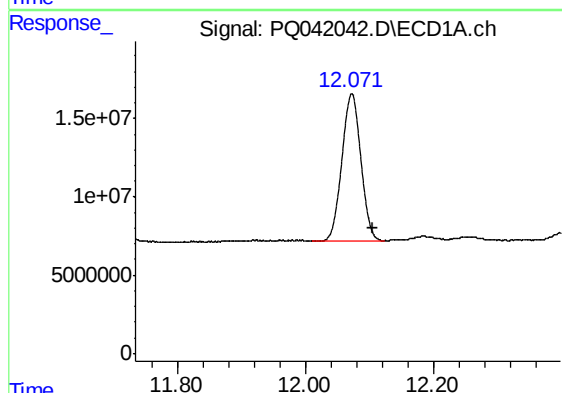
R.T.: 5.682 min
Delta R.T.: -0.019 min
Response: 44216013
Conc: 19.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



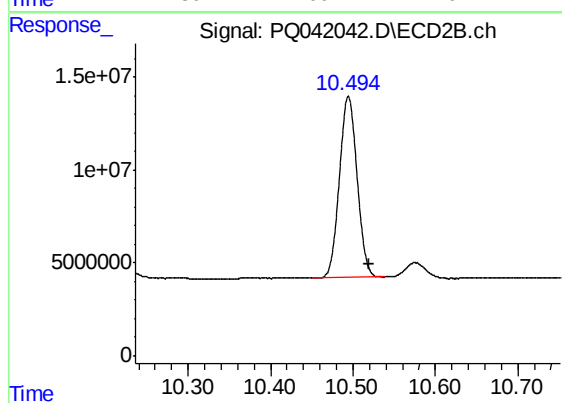
#1 Tetrachloro-m-xylene

R.T.: 4.741 min
Delta R.T.: -0.018 min
Response: 39769196
Conc: 20.64 ng/ml



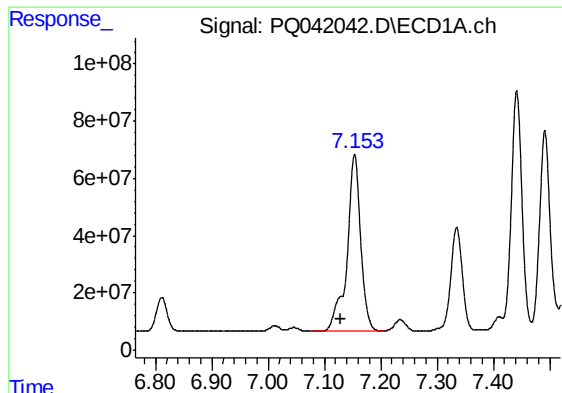
#2 Decachlorobiphenyl

R.T.: 12.072 min
Delta R.T.: -0.033 min
Response: 192017652
Conc: 22.77 ng/ml



#2 Decachlorobiphenyl

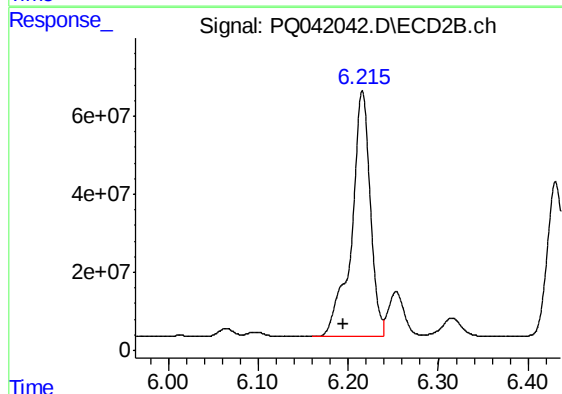
R.T.: 10.495 min
Delta R.T.: -0.025 min
Response: 145358564
Conc: 30.05 ng/ml



#3 AR-1016-1

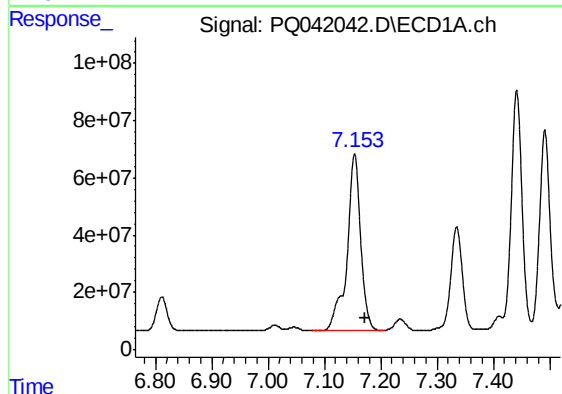
R.T.: 7.154 min
Delta R.T.: 0.025 min
Response: 1048154089
Conc: 9697.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



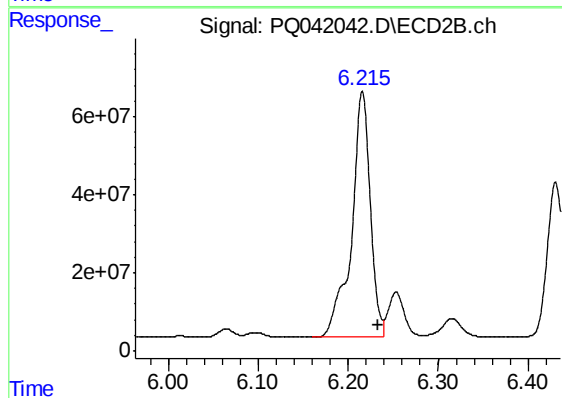
#3 AR-1016-1

R.T.: 6.216 min
Delta R.T.: 0.022 min
Response: 914293000
Conc: 8810.82 ng/ml



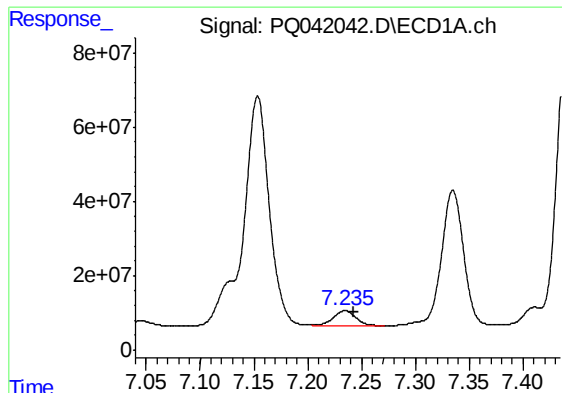
#4 AR-1016-2

R.T.: 7.154 min
Delta R.T.: -0.018 min
Response: 1048154089
Conc: 6696.29 ng/ml



#4 AR-1016-2

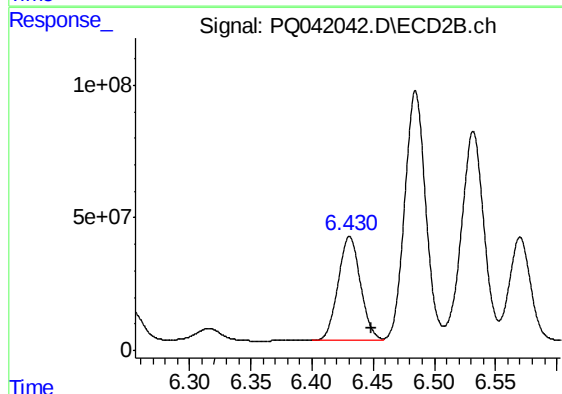
R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 914293000
Conc: 6381.64 ng/ml



#5 AR-1016-3

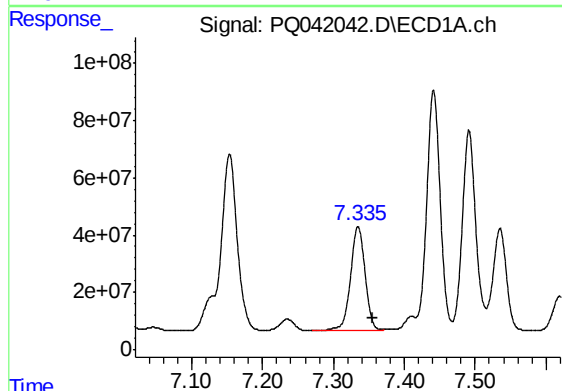
R.T.: 7.235 min
Delta R.T.: -0.008 min
Response: 57259730
Conc: 591.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



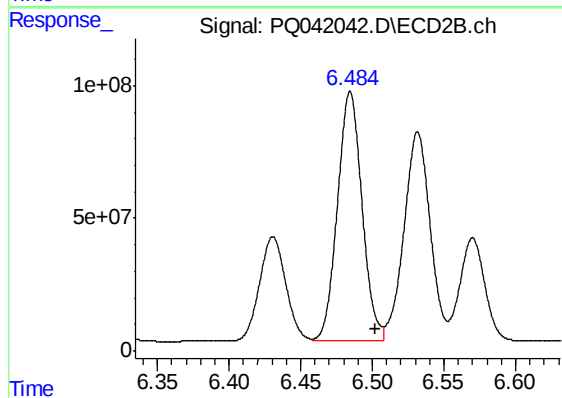
#5 AR-1016-3

R.T.: 6.431 min
Delta R.T.: -0.018 min
Response: 501465088
Conc: 6724.57 ng/ml



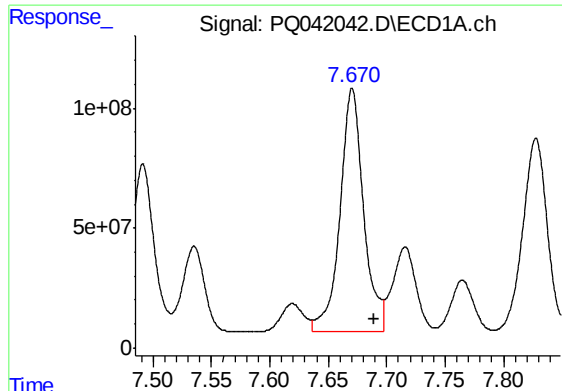
#6 AR-1016-4

R.T.: 7.335 min
Delta R.T.: -0.021 min
Response: 519150092
Conc: 6654.56 ng/ml



#6 AR-1016-4

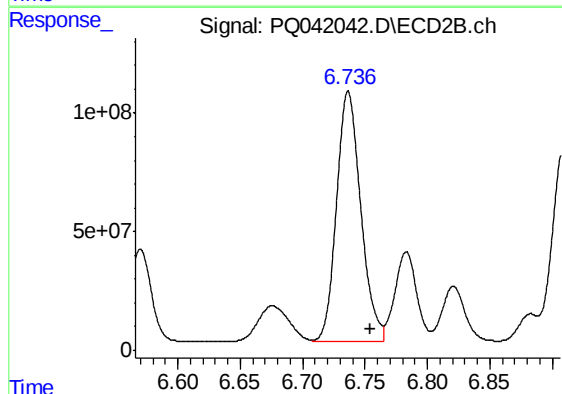
R.T.: 6.485 min
Delta R.T.: -0.017 min
Response: 1123730199
Conc: 18121.67 ng/ml



#7 AR-1016-5

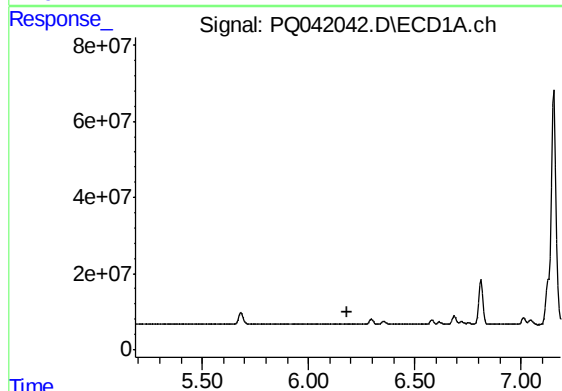
R.T.: 7.671 min
Delta R.T.: -0.019 min
Response: 1424931118
Conc: 18126.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



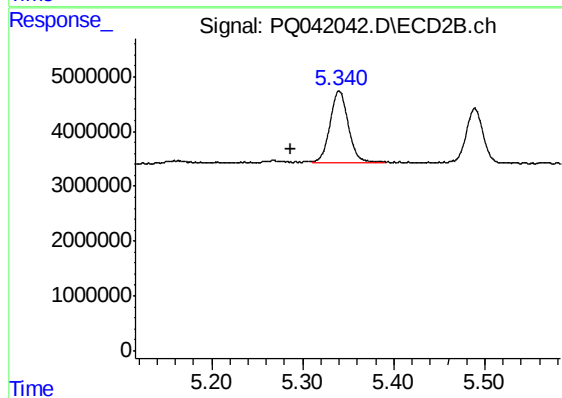
#7 AR-1016-5

R.T.: 6.737 min
Delta R.T.: -0.018 min
Response: 1426214644
Conc: 17520.34 ng/ml



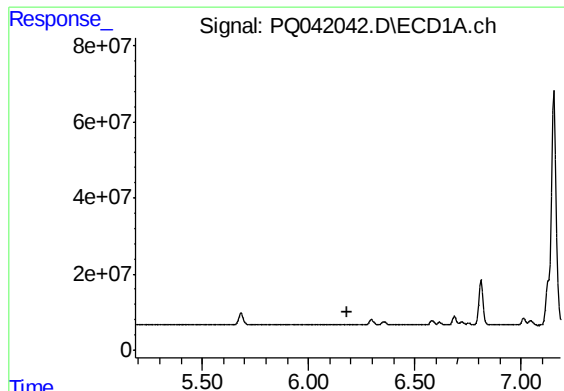
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

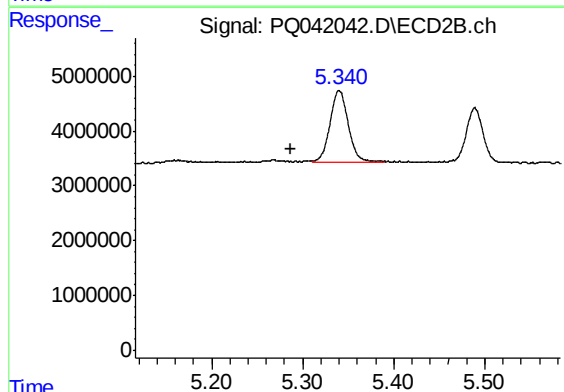
R.T.: 5.340 min
Delta R.T.: 0.053 min
Response: 17944146
Conc: 329.06 ng/ml



#11 AR-1232-1

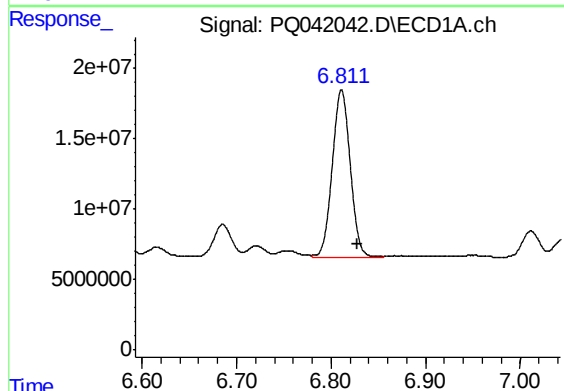
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETP17



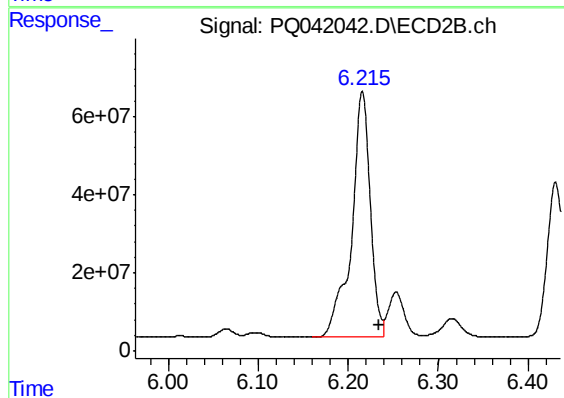
#11 AR-1232-1

R.T.: 5.340 min
Delta R.T.: 0.052 min
Response: 17944146
Conc: 371.61 ng/ml



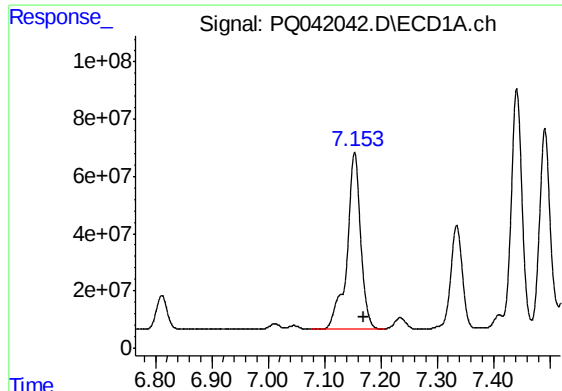
#12 AR-1232-2

R.T.: 6.811 min
Delta R.T.: -0.017 min
Response: 156374774
Conc: 4759.30 ng/ml



#12 AR-1232-2

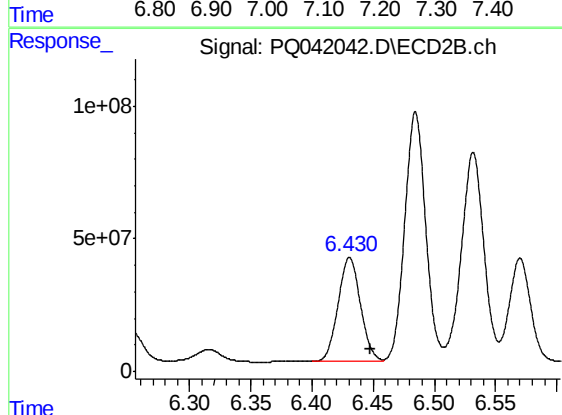
R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 914293000
Conc: 16032.41 ng/ml



#13 AR-1232-3

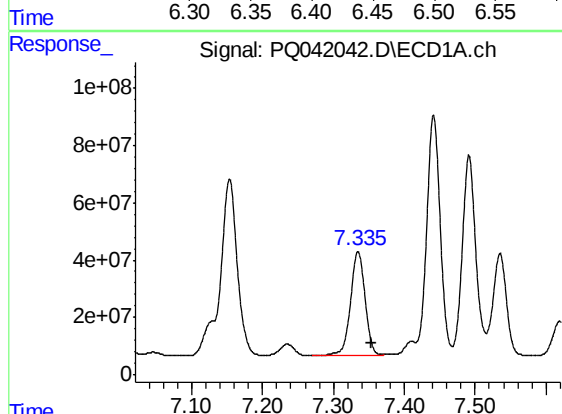
R.T.: 7.154 min
Delta R.T.: -0.017 min
Response: 1048154089
Conc: 15699.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



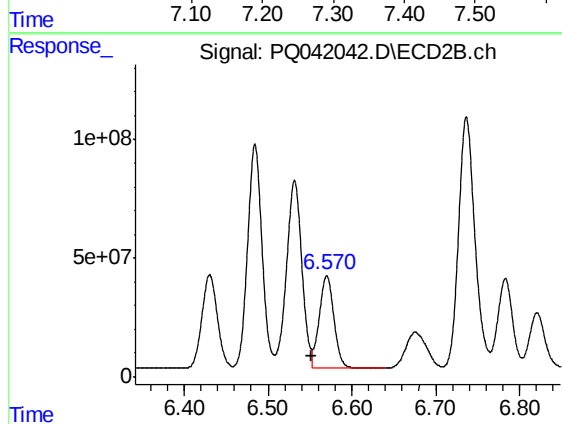
#13 AR-1232-3

R.T.: 6.431 min
Delta R.T.: -0.017 min
Response: 501465088
Conc: 16816.67 ng/ml



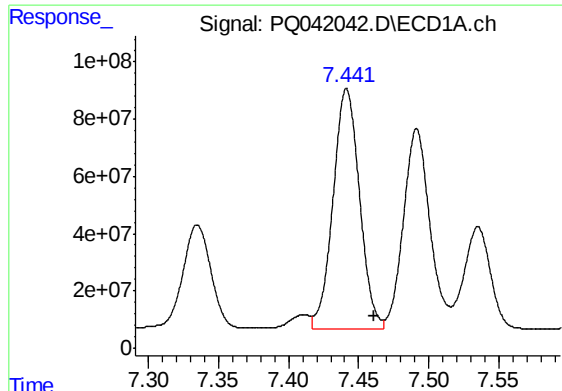
#14 AR-1232-4

R.T.: 7.335 min
Delta R.T.: -0.019 min
Response: 519150092
Conc: 16184.69 ng/ml



#14 AR-1232-4

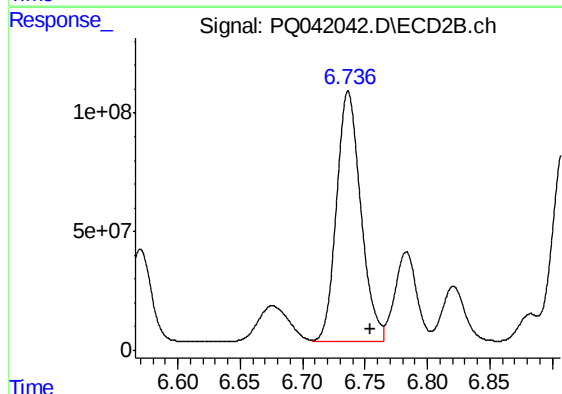
R.T.: 6.570 min
Delta R.T.: 0.019 min
Response: 474366829
Conc: 17768.75 ng/ml



#15 AR-1232-5

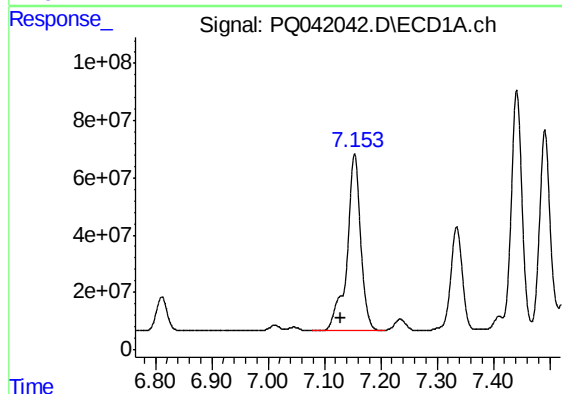
R.T.: 7.441 min
Delta R.T.: -0.020 min
Response: 1105314618
Conc: 51433.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



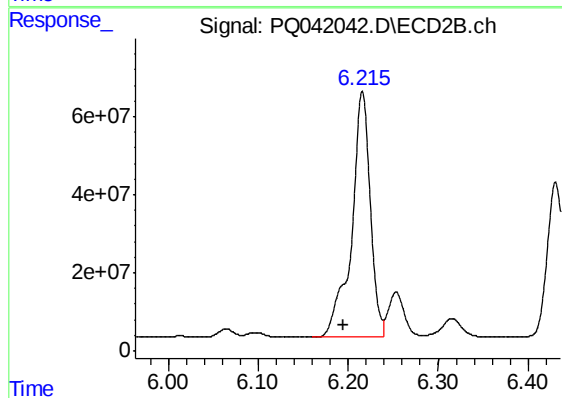
#15 AR-1232-5

R.T.: 6.737 min
Delta R.T.: -0.018 min
Response: 1426214644
Conc: 48632.88 ng/ml



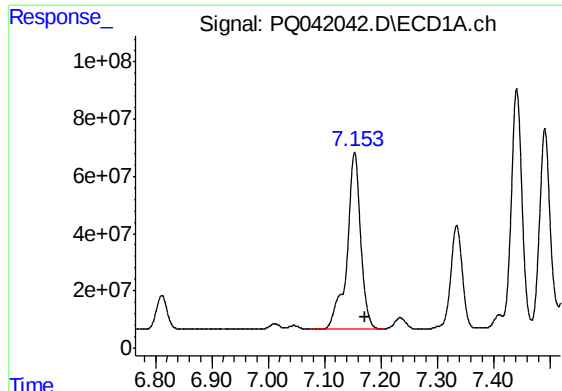
#16 AR-1242-1

R.T.: 7.154 min
Delta R.T.: 0.025 min
Response: 1048154089
Conc: 11717.88 ng/ml



#16 AR-1242-1

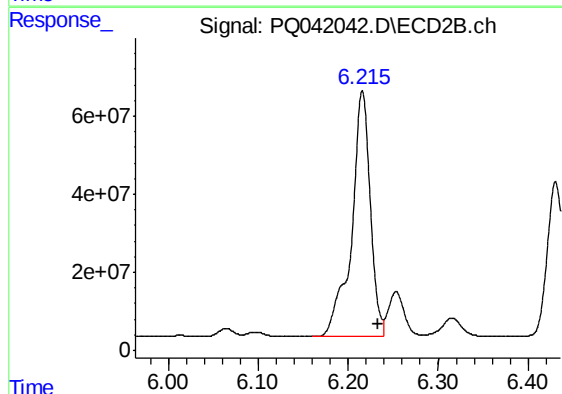
R.T.: 6.216 min
Delta R.T.: 0.022 min
Response: 914293000
Conc: 11171.75 ng/ml



#17 AR-1242-2

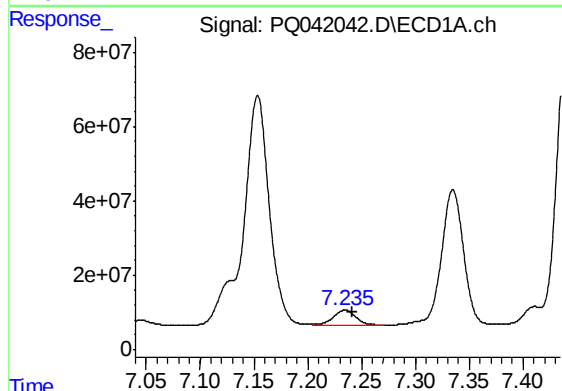
R.T.: 7.154 min
Delta R.T.: -0.018 min
Response: 1048154089
Conc: 8151.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



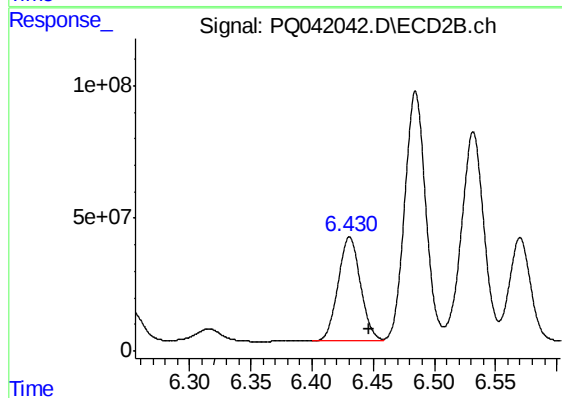
#17 AR-1242-2

R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 914293000
Conc: 8095.54 ng/ml



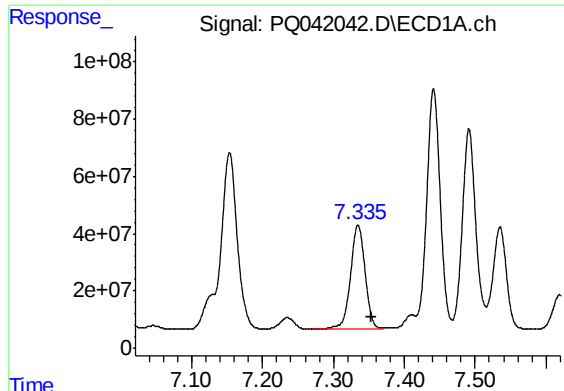
#18 AR-1242-3

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 57259730
Conc: 706.16 ng/ml



#18 AR-1242-3

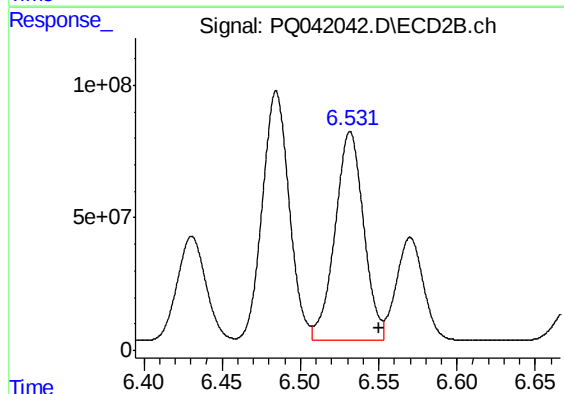
R.T.: 6.431 min
Delta R.T.: -0.017 min
Response: 501465088
Conc: 8488.95 ng/ml



#19 AR-1242-4

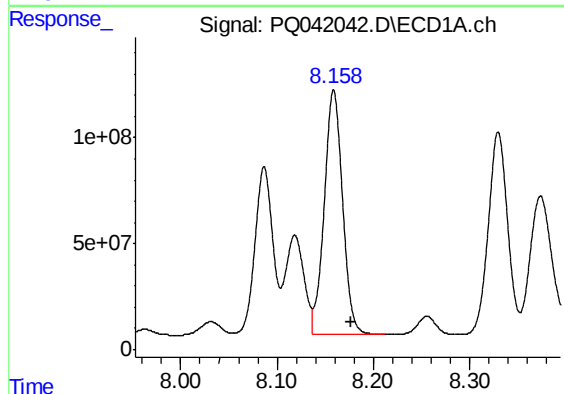
R.T.: 7.335 min
Delta R.T.: -0.020 min
Response: 519150092
Conc: 8075.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



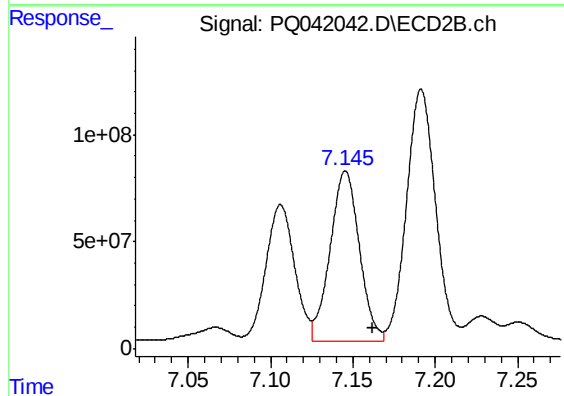
#19 AR-1242-4

R.T.: 6.532 min
Delta R.T.: -0.018 min
Response: 1006850695
Conc: 16979.71 ng/ml



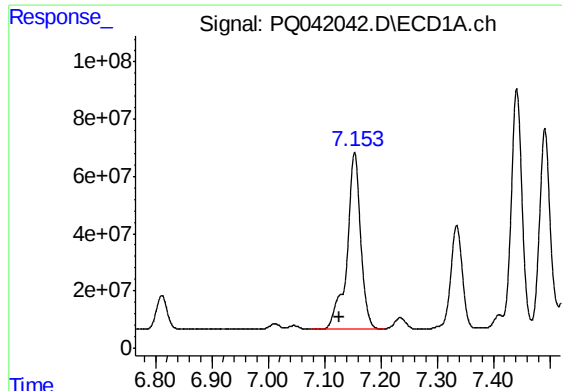
#20 AR-1242-5

R.T.: 8.159 min
Delta R.T.: -0.018 min
Response: 1532968821
Conc: 17277.59 ng/ml



#20 AR-1242-5

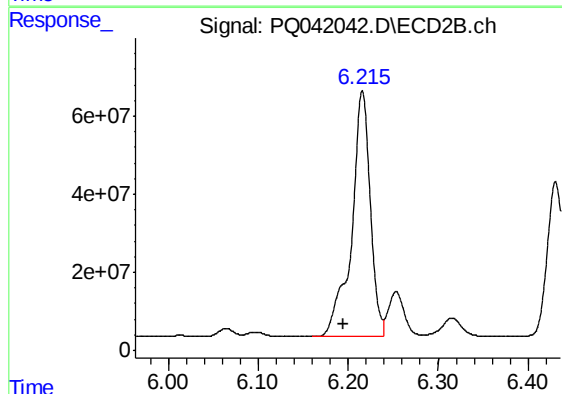
R.T.: 7.146 min
Delta R.T.: -0.017 min
Response: 980057656
Conc: 11037.40 ng/ml



#21 AR-1248-1

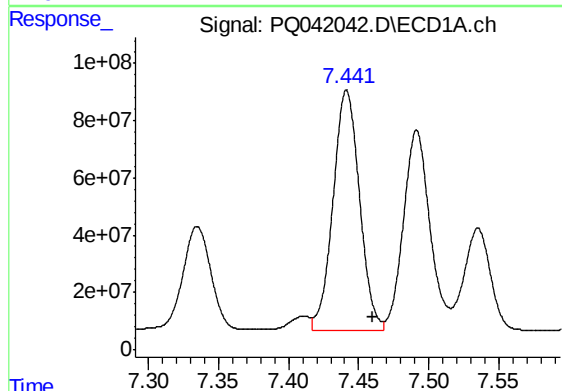
R.T.: 7.154 min
Delta R.T.: 0.026 min
Response: 1048154089
Conc: 14138.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



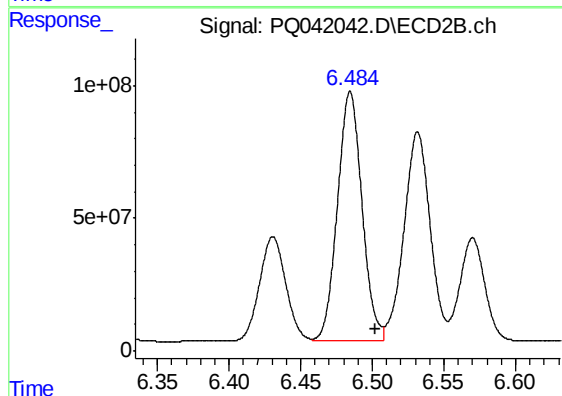
#21 AR-1248-1

R.T.: 6.216 min
Delta R.T.: 0.022 min
Response: 914293000
Conc: 13789.43 ng/ml



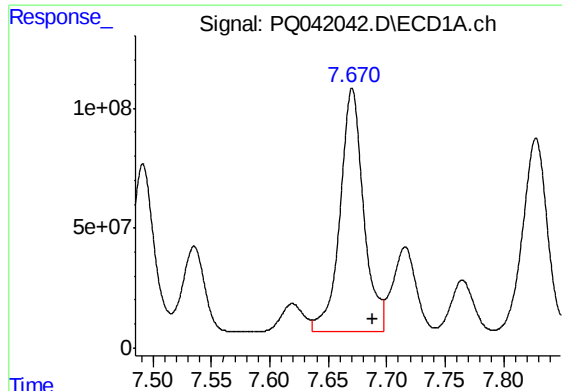
#22 AR-1248-2

R.T.: 7.441 min
Delta R.T.: -0.018 min
Response: 1105314618
Conc: 11980.02 ng/ml



#22 AR-1248-2

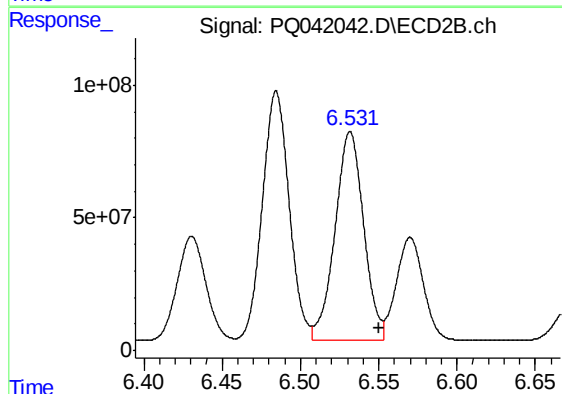
R.T.: 6.485 min
Delta R.T.: -0.017 min
Response: 1123730199
Conc: 12888.63 ng/ml



#23 AR-1248-3

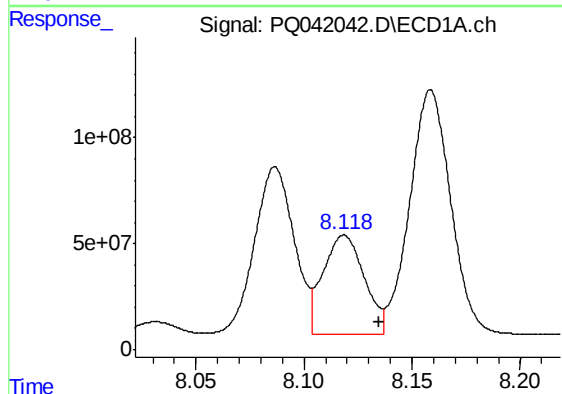
R.T.: 7.671 min
Delta R.T.: -0.017 min
Response: 1424931118
Conc: 12717.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



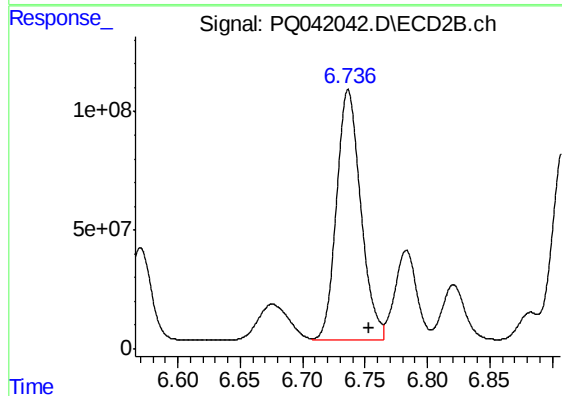
#23 AR-1248-3

R.T.: 6.532 min
Delta R.T.: -0.018 min
Response: 1006850695
Conc: 11280.52 ng/ml



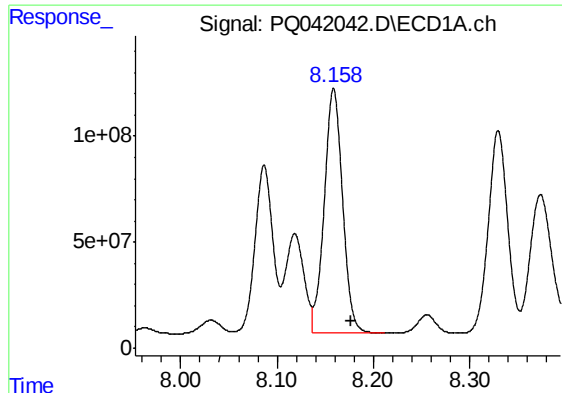
#24 AR-1248-4

R.T.: 8.119 min
Delta R.T.: -0.017 min
Response: 625301721
Conc: 3999.16 ng/ml



#24 AR-1248-4

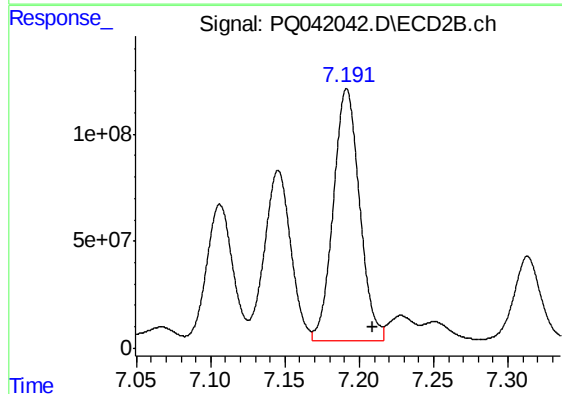
R.T.: 6.737 min
Delta R.T.: -0.017 min
Response: 1426214644
Conc: 12948.94 ng/ml



#25 AR-1248-5

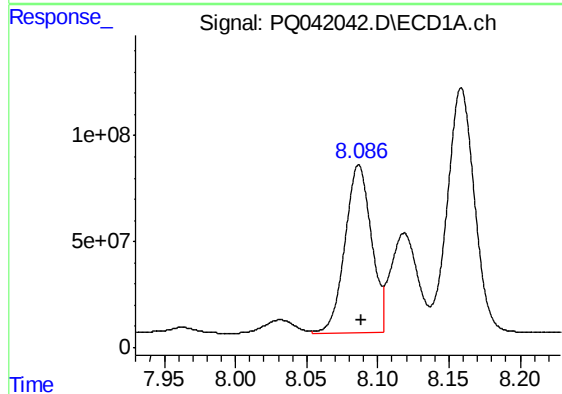
R.T.: 8.159 min
Delta R.T.: -0.018 min
Response: 1532968821
Conc: 10130.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



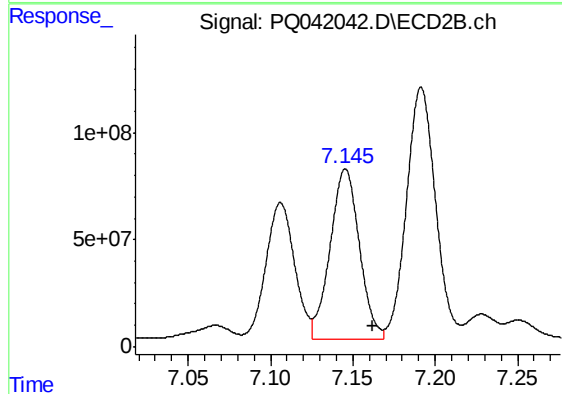
#25 AR-1248-5

R.T.: 7.192 min
Delta R.T.: -0.018 min
Response: 1440882771
Conc: 11241.56 ng/ml



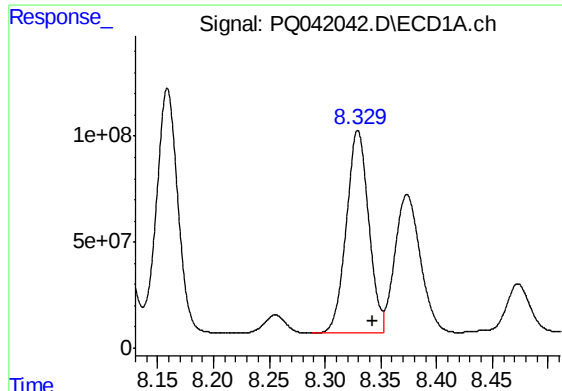
#26 AR-1254-1

R.T.: 8.087 min
Delta R.T.: -0.001 min
Response: 1023283292
Conc: 7355.68 ng/ml



#26 AR-1254-1

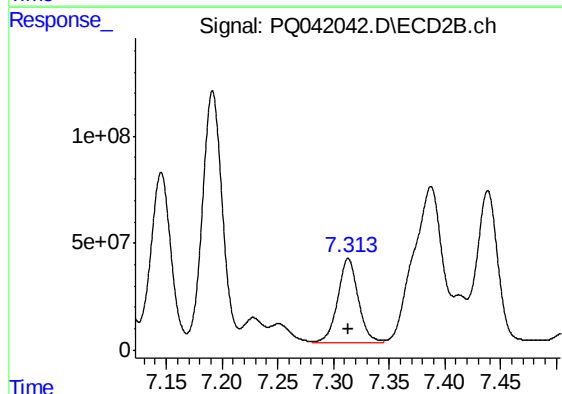
R.T.: 7.146 min
Delta R.T.: -0.016 min
Response: 980057656
Conc: 5358.88 ng/ml



#27 AR-1254-2

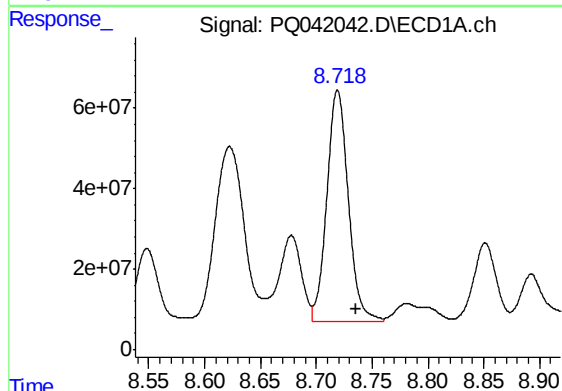
R.T.: 8.329 min
Delta R.T.: -0.013 min
Response: 1337563706
Conc: 5843.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



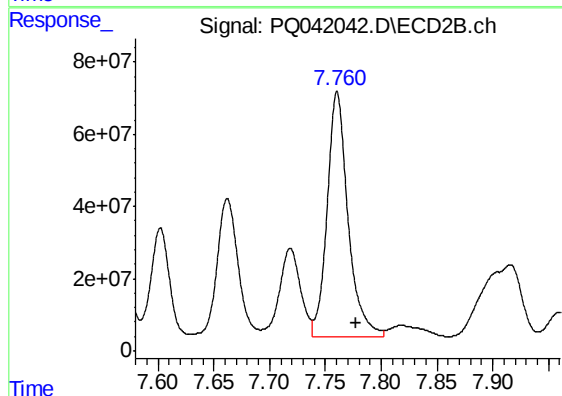
#27 AR-1254-2

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 494621653
Conc: 3055.65 ng/ml



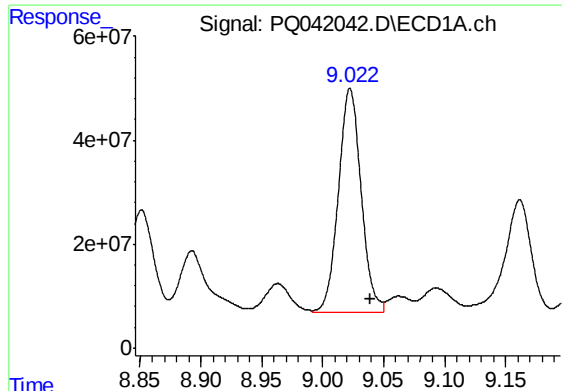
#28 AR-1254-3

R.T.: 8.719 min
Delta R.T.: -0.016 min
Response: 770783312
Conc: 2818.98 ng/ml



#28 AR-1254-3

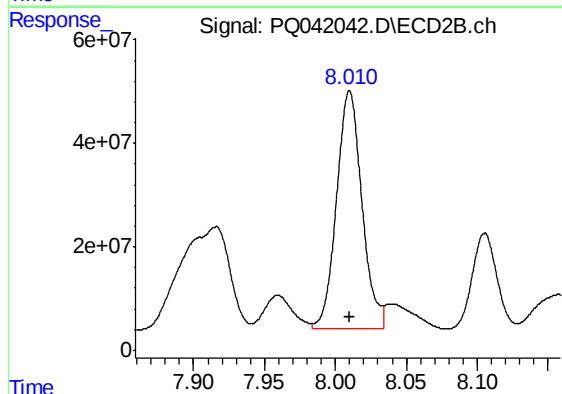
R.T.: 7.761 min
Delta R.T.: -0.017 min
Response: 882518027
Conc: 3059.97 ng/ml



#29 AR-1254-4

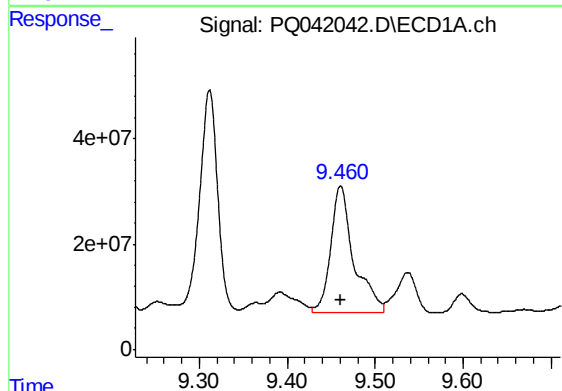
R.T.: 9.022 min
Delta R.T.: -0.016 min
Response: 557013091
Conc: 2262.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



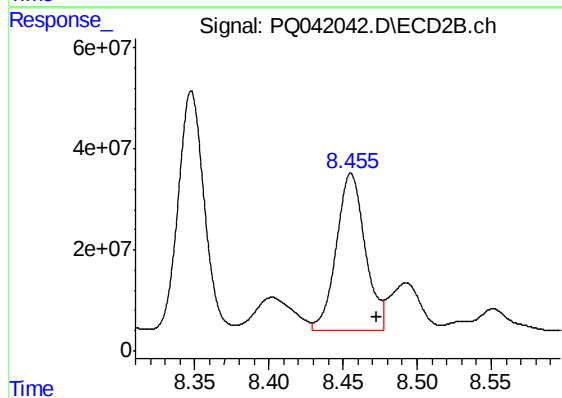
#29 AR-1254-4

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 574767437
Conc: 2647.81 ng/ml



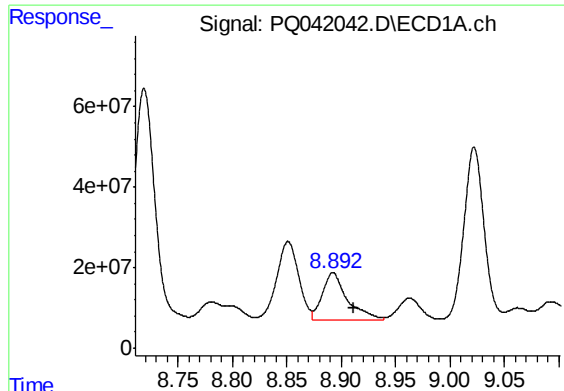
#30 AR-1254-5

R.T.: 9.461 min
Delta R.T.: 0.000 min
Response: 441784942
Conc: 1631.13 ng/ml



#30 AR-1254-5

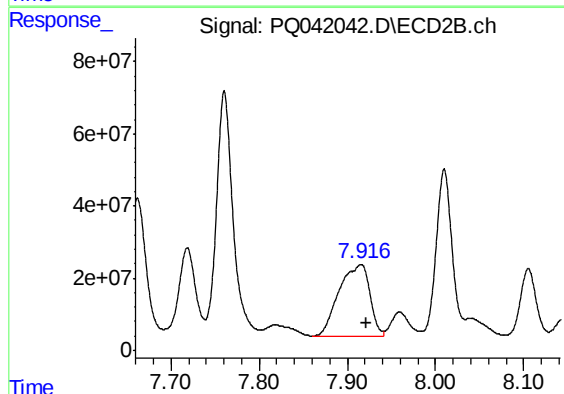
R.T.: 8.455 min
Delta R.T.: -0.017 min
Response: 419682094
Conc: 1395.37 ng/ml



#31 AR-1260-1

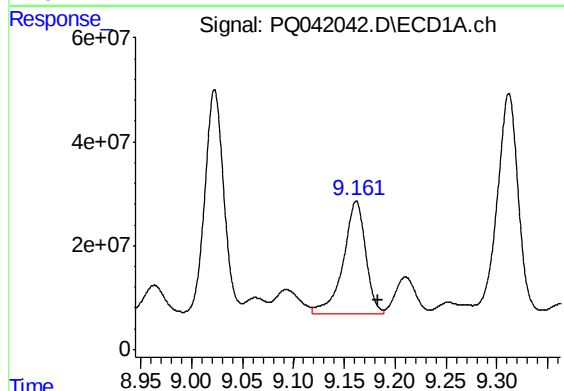
R.T.: 8.893 min
Delta R.T.: -0.019 min
Response: 189730093
Conc: 1066.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



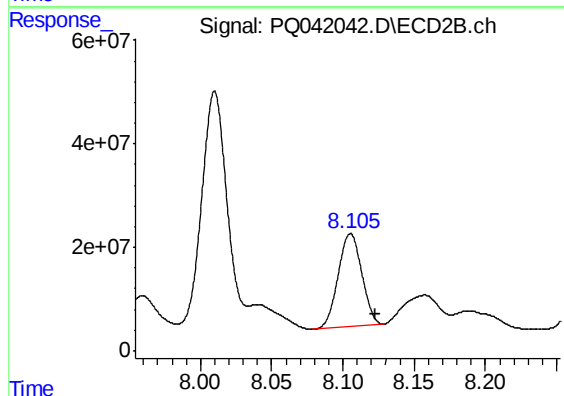
#31 AR-1260-1

R.T.: 7.916 min
Delta R.T.: -0.005 min
Response: 475817026
Conc: 2622.60 ng/ml



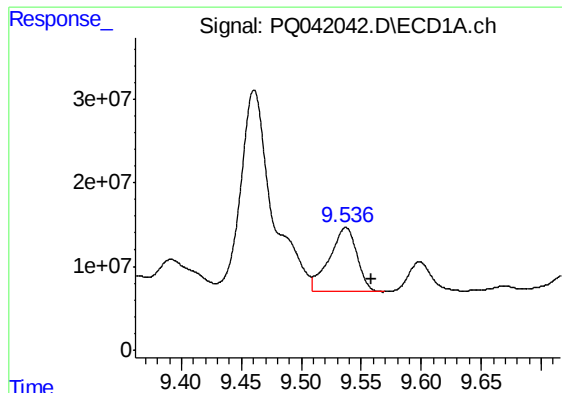
#32 AR-1260-2

R.T.: 9.162 min
Delta R.T.: -0.021 min
Response: 329645424
Conc: 1306.69 ng/ml



#32 AR-1260-2

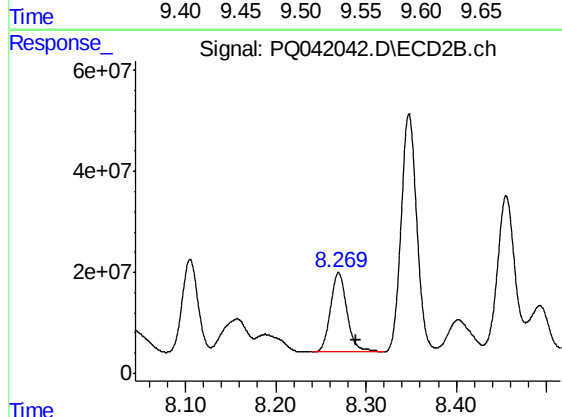
R.T.: 8.105 min
Delta R.T.: -0.018 min
Response: 207861381
Conc: 847.25 ng/ml



#33 AR-1260-3

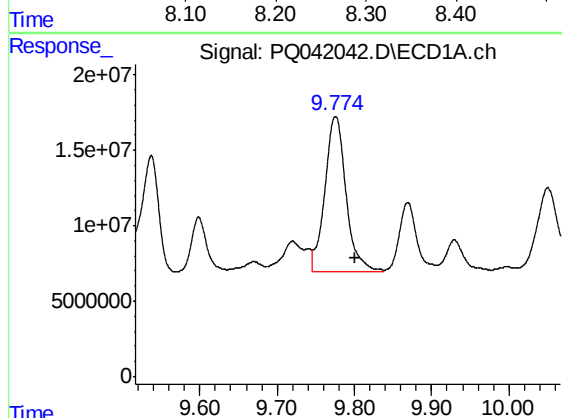
R.T.: 9.537 min
Delta R.T.: -0.021 min
Response: 123563456
Conc: 539.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



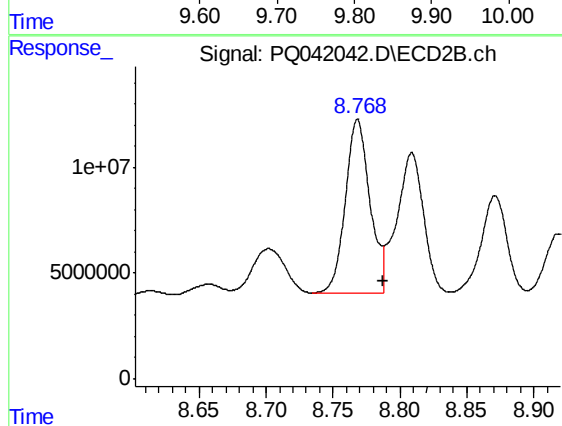
#33 AR-1260-3

R.T.: 8.270 min
Delta R.T.: -0.019 min
Response: 200453960
Conc: 942.08 ng/ml



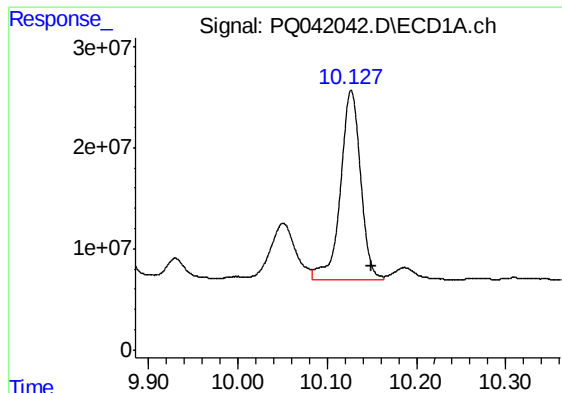
#34 AR-1260-4

R.T.: 9.776 min
Delta R.T.: -0.026 min
Response: 195449744
Conc: 765.44 ng/ml



#34 AR-1260-4

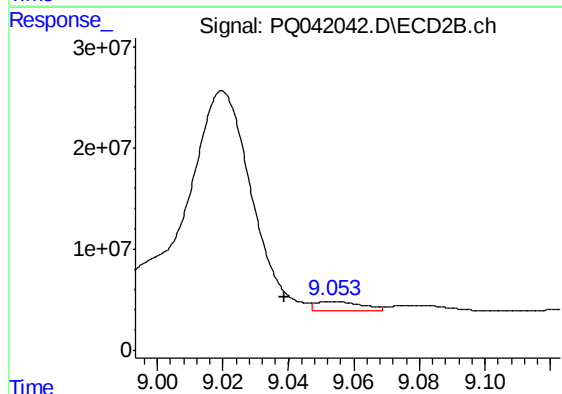
R.T.: 8.768 min
Delta R.T.: -0.019 min
Response: 104995265
Conc: 519.04 ng/ml



#35 AR-1260-5

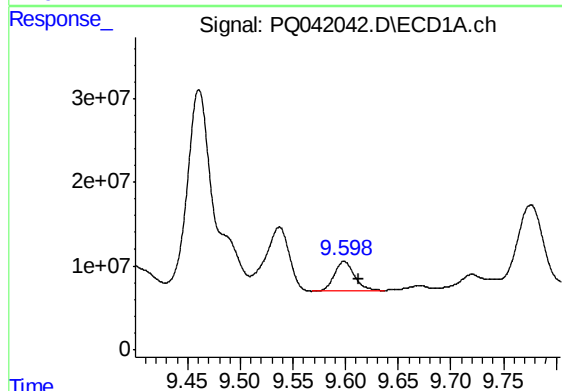
R.T.: 10.127 min
Delta R.T.: -0.022 min
Response: 293259189
Conc: 435.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



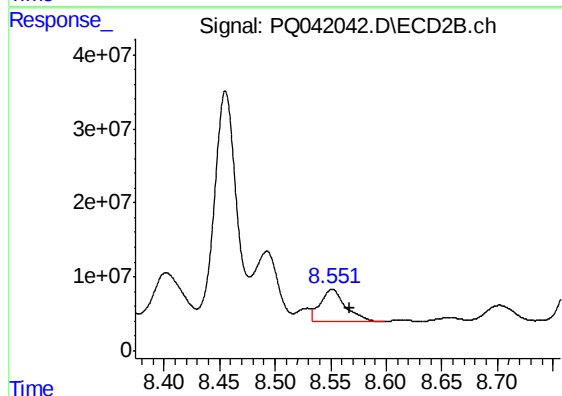
#35 AR-1260-5

R.T.: 9.054 min
Delta R.T.: 0.015 min
Response: 8708682
Conc: 14.76 ng/ml



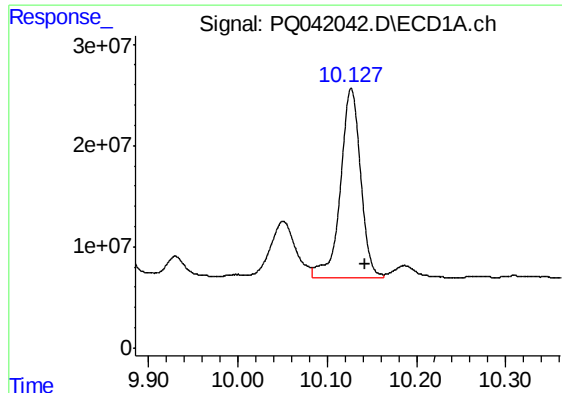
#36 AR-1262-1

R.T.: 9.599 min
Delta R.T.: -0.014 min
Response: 48855759
Conc: 317.87 ng/ml



#36 AR-1262-1

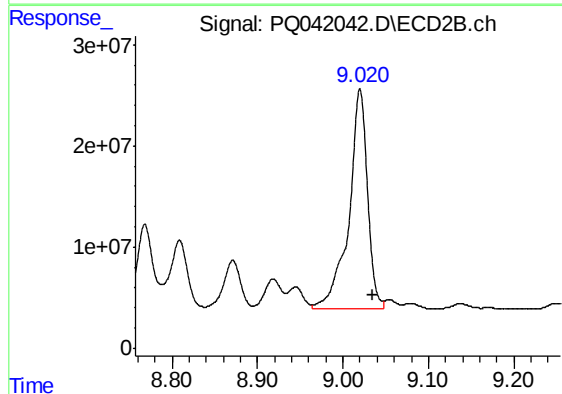
R.T.: 8.551 min
Delta R.T.: -0.015 min
Response: 67000435
Conc: 467.02 ng/ml



#37 AR-1262-2

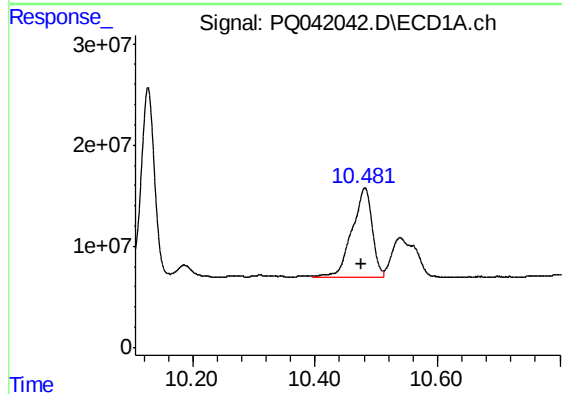
R.T.: 10.127 min
Delta R.T.: -0.015 min
Response: 293259189
Conc: 334.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



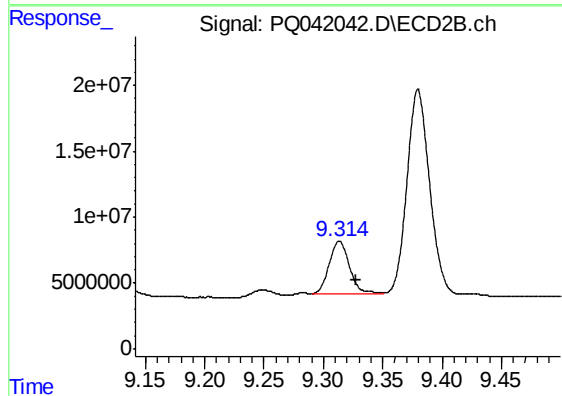
#37 AR-1262-2

R.T.: 9.020 min
Delta R.T.: -0.014 min
Response: 327096103
Conc: 441.39 ng/ml



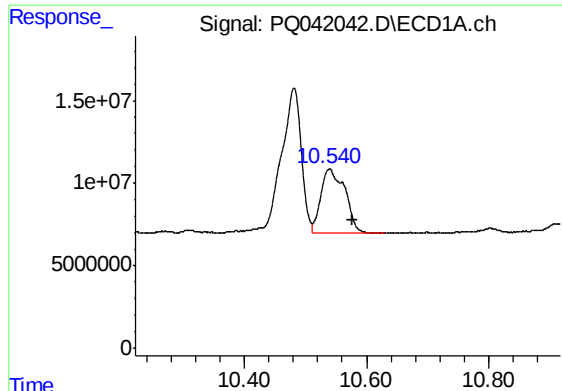
#38 AR-1262-3

R.T.: 10.481 min
Delta R.T.: 0.005 min
Response: 200806628
Conc: 316.23 ng/ml



#38 AR-1262-3

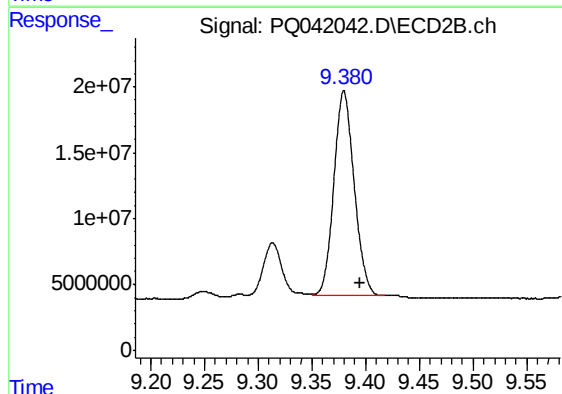
R.T.: 9.313 min
Delta R.T.: -0.014 min
Response: 47716757
Conc: 150.83 ng/ml



#39 AR-1262-4

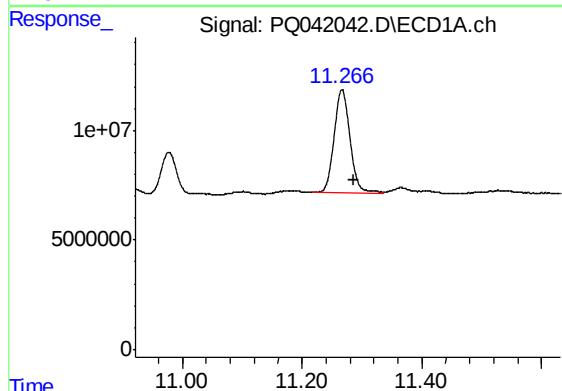
R.T.: 10.539 min
Delta R.T.: -0.037 min
Response: 105985239
Conc: 211.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



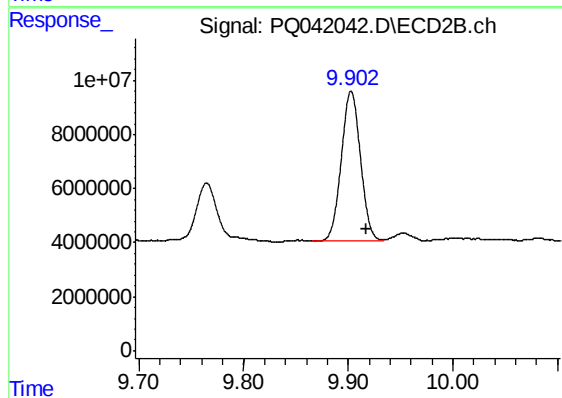
#39 AR-1262-4

R.T.: 9.380 min
Delta R.T.: -0.015 min
Response: 205062983
Conc: 364.64 ng/ml



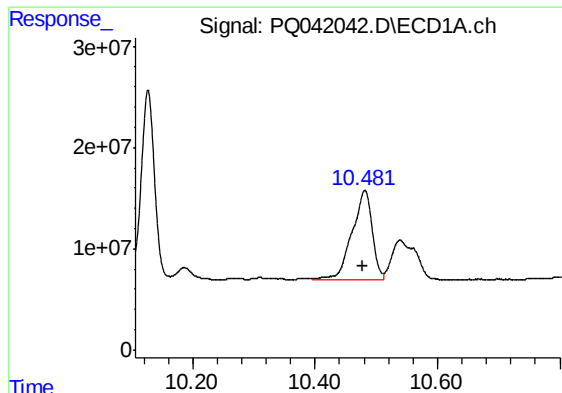
#40 AR-1262-5

R.T.: 11.267 min
Delta R.T.: -0.020 min
Response: 86693165
Conc: 212.95 ng/ml



#40 AR-1262-5

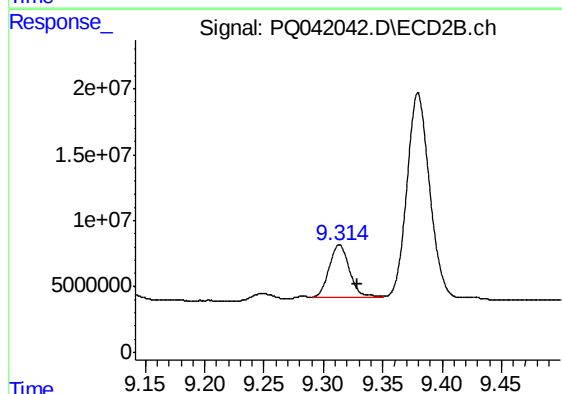
R.T.: 9.903 min
Delta R.T.: -0.015 min
Response: 70485030
Conc: 246.79 ng/ml



#41 AR-1268-1

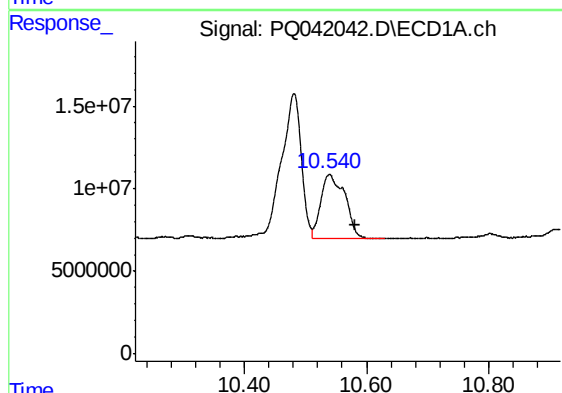
R.T.: 10.481 min
Delta R.T.: 0.004 min
Response: 200806628
Conc: 140.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



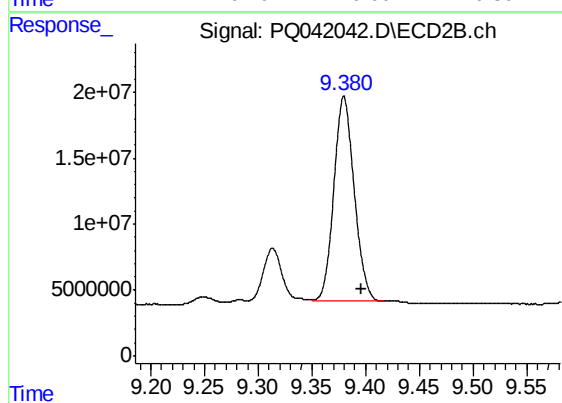
#41 AR-1268-1

R.T.: 9.313 min
Delta R.T.: -0.015 min
Response: 47716757
Conc: 41.74 ng/ml



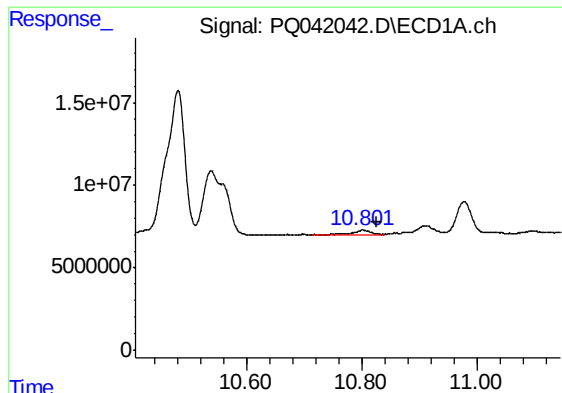
#42 AR-1268-2

R.T.: 10.539 min
Delta R.T.: -0.042 min
Response: 105985239
Conc: 80.36 ng/ml



#42 AR-1268-2

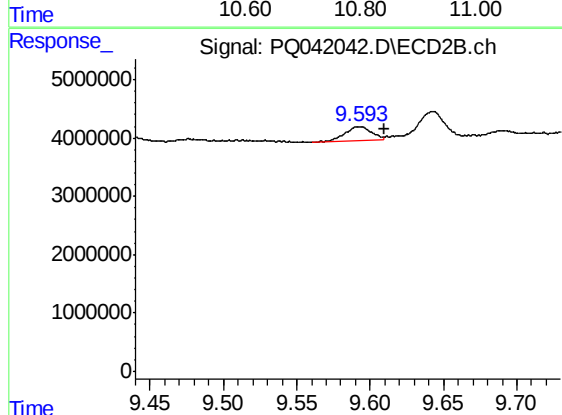
R.T.: 9.380 min
Delta R.T.: -0.016 min
Response: 205062983
Conc: 199.76 ng/ml



#43 AR-1268-3

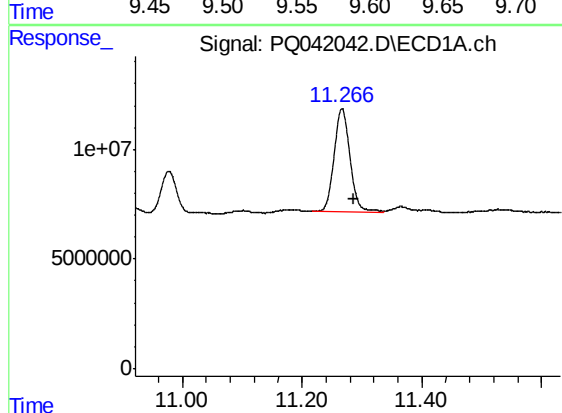
R.T.: 10.802 min
Delta R.T.: -0.024 min
Response: 5866641
Conc: 5.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



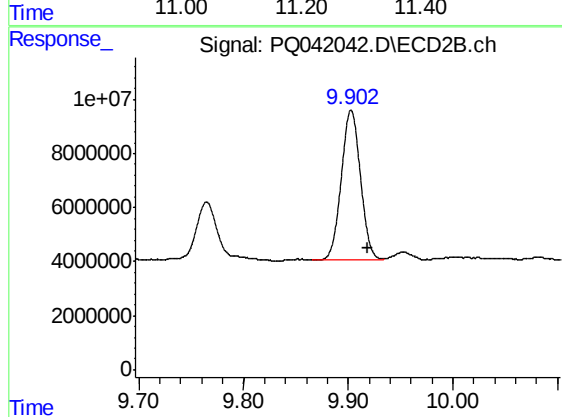
#43 AR-1268-3

R.T.: 9.593 min
Delta R.T.: -0.017 min
Response: 3031472
Conc: 3.49 ng/ml



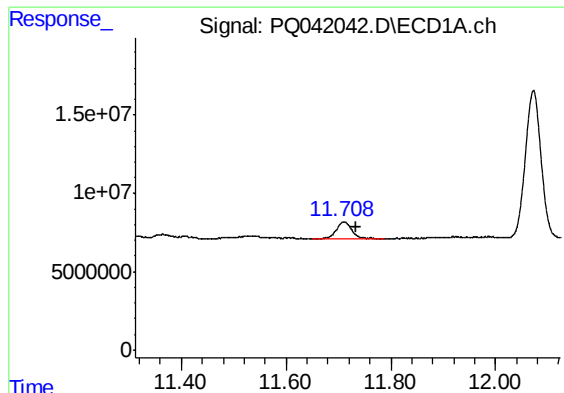
#44 AR-1268-4

R.T.: 11.267 min
Delta R.T.: -0.020 min
Response: 86693165
Conc: 159.24 ng/ml



#44 AR-1268-4

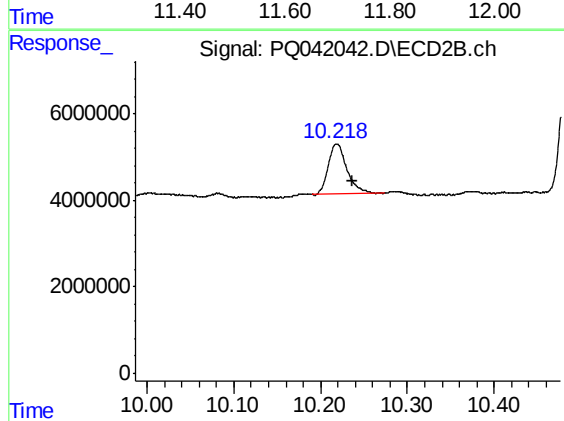
R.T.: 9.903 min
Delta R.T.: -0.016 min
Response: 70485030
Conc: 183.24 ng/ml



#45 AR-1268-5

R.T.: 11.710 min
Delta R.T.: -0.025 min
Response: 22967951
Conc: 5.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP17



#45 AR-1268-5

R.T.: 10.219 min
Delta R.T.: -0.017 min
Response: 17511082
Conc: 6.74 ng/ml