

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080819\
 Data File : PQ042105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2019 16:26
 Operator : SM\AJ
 Sample : K4041-16DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENW9DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 02:00:09 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...	5.680	4.740	21825857	20862450	9.517	10.825
2)	SA Decachlor...	12.067	10.489	133.6E6	90723334	15.851	18.755
Target Compounds							
3)	L1 AR-1016-1	7.126	6.193	18200665	16428416	168.394	158.317
4)	L1 AR-1016-2	7.155	6.253	24716675	6908174	157.906	48.218 #
5)	L1 AR-1016-3	7.227	6.431	11228955	16025901	116.088	214.905 #
6)	L1 AR-1016-4	7.332	6.483	23433677	96676825	300.377	1559.045 #
7)	L1 AR-1016-5	7.669	6.735	104.7E6	99371263	1332.496	1220.726
10)	L2 AR-1221-3	0.000	5.339	0	7107065	N.D.	130.328 #
11)	L3 AR-1232-1	0.000	5.339	0	7107065	N.D.	147.182 #
12)	L3 AR-1232-2	6.811	6.253	12663331	6908174	385.411	121.137 #
13)	L3 AR-1232-3	7.155	6.431	24716675	16025901	370.213	537.430 #
14)	L3 AR-1232-4	7.332	6.568	23433677	31188307	730.553	1168.246 #
15)	L3 AR-1232-5	7.440	6.735	95247864	99371263	4432.139	3388.488
16)	L4 AR-1242-1	7.126	6.193	18200665	16428416	203.475	200.739
17)	L4 AR-1242-2	7.155	6.253	24716675	6908174	192.211	61.168 #
18)	L4 AR-1242-3	7.227	6.431	11228955	16025901	138.481	271.291 #
19)	L4 AR-1242-4	7.332	6.568	23433677	31188307	364.513	525.965 #
20)	L4 AR-1242-5	8.158	7.144	203.6E6	301.1E6	2294.245	3391.212 #
21)	L5 AR-1248-1	7.126	6.193	18200665	16428416	245.503	247.775
22)	L5 AR-1248-2	7.440	6.483	95247864	96676825	1032.350	1108.836
23)	L5 AR-1248-3	7.669	6.568	104.7E6	31188307	934.903	349.426 #
24)	L5 AR-1248-4	8.116	6.735	191.3E6	99371263	1223.790	902.215 #
25)	L5 AR-1248-5	8.158	7.227	203.6E6	39905583	1345.192	311.337 #
26)	L6 AR-1254-1	8.085	7.144	192.4E6	301.1E6	1382.878	1646.502
27)	L6 AR-1254-2	8.326	7.312	301.3E6	165.4E6	1316.427	1021.673
28)	L6 AR-1254-3	8.717	7.759	275.8E6	318.4E6	1008.603	1104.056
29)	L6 AR-1254-4	9.020	8.008	256.9E6	258.4E6	1043.615	1190.552
30)	L6 AR-1254-5	9.458	8.488	129.4E6	34748694	477.839	115.533 #
31)	L7 AR-1260-1	8.890	7.916	58155923	150.6E6	326.929	830.128 #
32)	L7 AR-1260-2	9.207	8.104	58830943	59507722	233.201	242.556
33)	L7 AR-1260-3	9.533	8.268	38466740	68527463	167.879	322.062 #
34)	L7 AR-1260-4	9.769	8.808	81507754	40233396	319.210	198.890 #
35)	L7 AR-1260-5	10.123	9.052	74852176	6029681	111.124	10.216 #
36)	L8 AR-1262-1	9.596	8.548	15553340	14730244	101.196	102.675
37)	L8 AR-1262-2	10.123	9.018	74852176	88723514	85.505	119.726 #
38)	L8 AR-1262-3	10.459	9.310	67303517	34382382	105.988	108.677
39)	L8 AR-1262-4	10.557	9.377	46648969	54192911	93.166	96.366
40)	L8 AR-1262-5	11.263	9.900	27381949	26193254	67.259	91.711 #
41)	L9 AR-1268-1	10.459	9.310	67303517	34382382	47.245	30.076 #
42)	L9 AR-1268-2	10.557	9.377	46648969	54192911	35.369	52.791 #
43)	L9 AR-1268-3	10.802	9.589	14609733	13479020	12.486	15.512
44)	L9 AR-1268-4	11.263	9.900	27381949	26193254	50.296	68.093 #

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 Acq On : 07 Aug 2019 16:26
 Operator : SM\AJ
 Sample : K4041-16DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

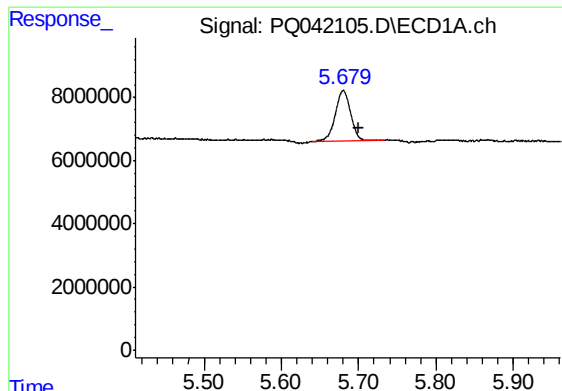
Instrument :
 ECD_Q
 ClientSampleId :
 BENW9DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 02:00:09 2019
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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
45) L9	AR-1268-5	11.707	10.215	51693709	46696950	12.754	17.978 #

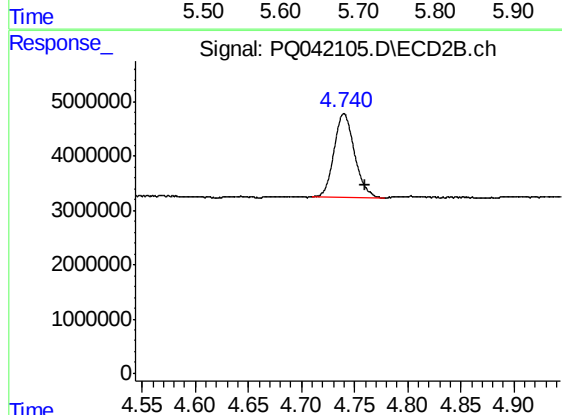
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

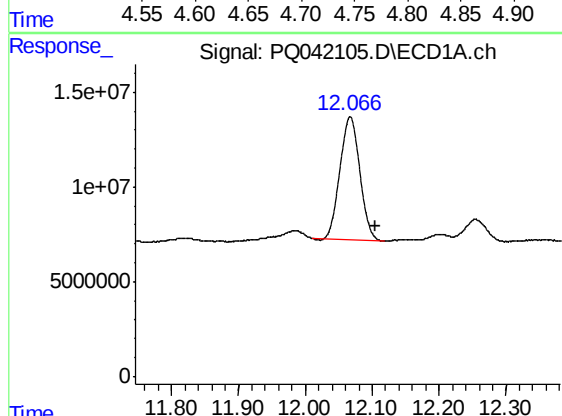
R.T.: 5.680 min
Delta R.T.: -0.021 min
Response: 21825857
Conc: 9.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



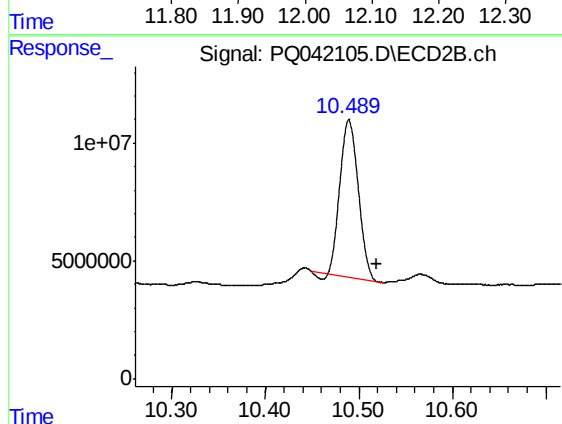
#1 Tetrachloro-m-xylene

R.T.: 4.740 min
Delta R.T.: -0.020 min
Response: 20862450
Conc: 10.83 ng/ml



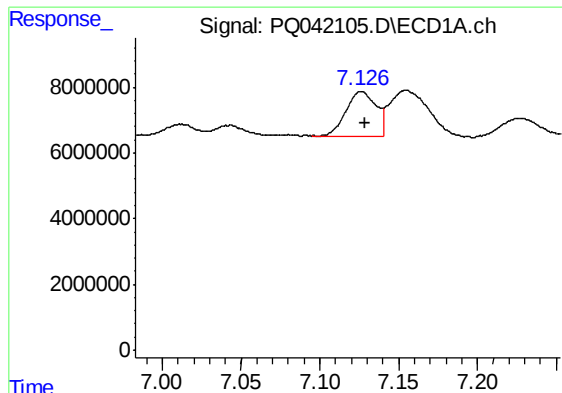
#2 Decachlorobiphenyl

R.T.: 12.067 min
Delta R.T.: -0.038 min
Response: 133642837
Conc: 15.85 ng/ml



#2 Decachlorobiphenyl

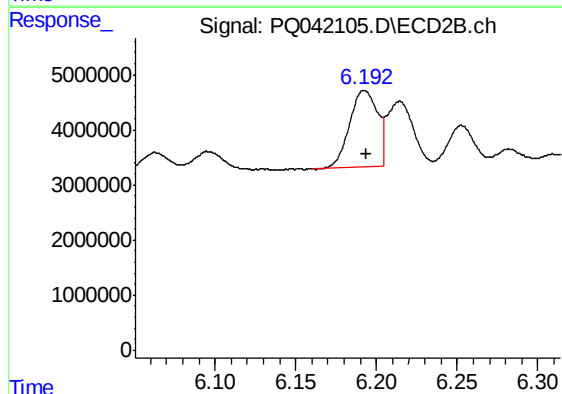
R.T.: 10.489 min
Delta R.T.: -0.030 min
Response: 90723334
Conc: 18.75 ng/ml



#3 AR-1016-1

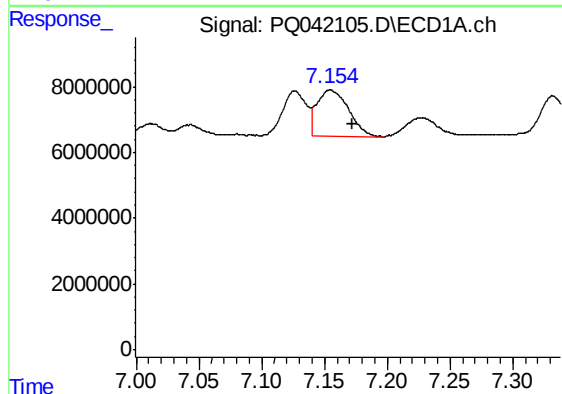
R.T.: 7.126 min
Delta R.T.: -0.003 min
Response: 18200665
Conc: 168.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



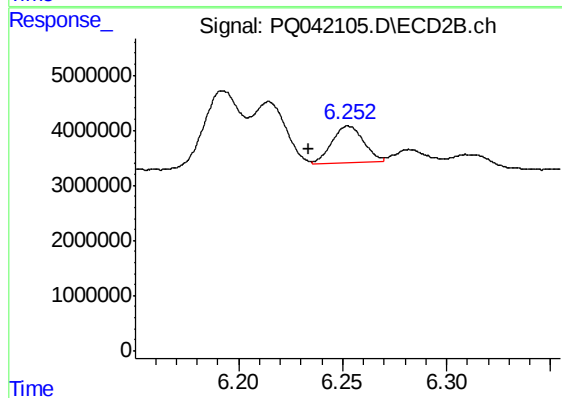
#3 AR-1016-1

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 16428416
Conc: 158.32 ng/ml



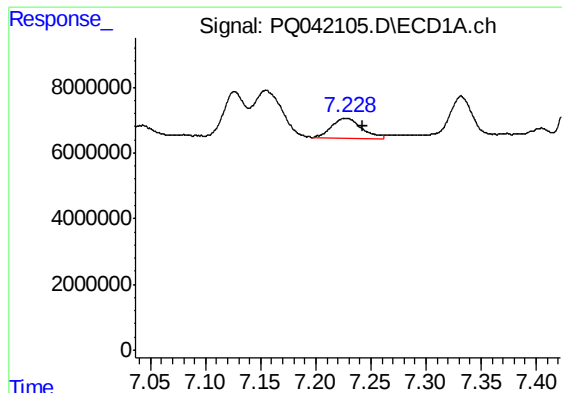
#4 AR-1016-2

R.T.: 7.155 min
Delta R.T.: -0.017 min
Response: 24716675
Conc: 157.91 ng/ml



#4 AR-1016-2

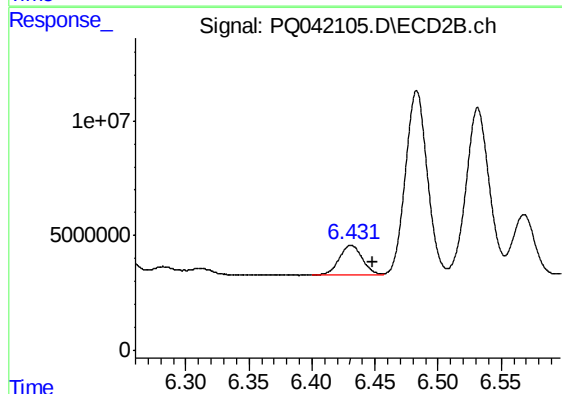
R.T.: 6.253 min
Delta R.T.: 0.019 min
Response: 6908174
Conc: 48.22 ng/ml



#5 AR-1016-3

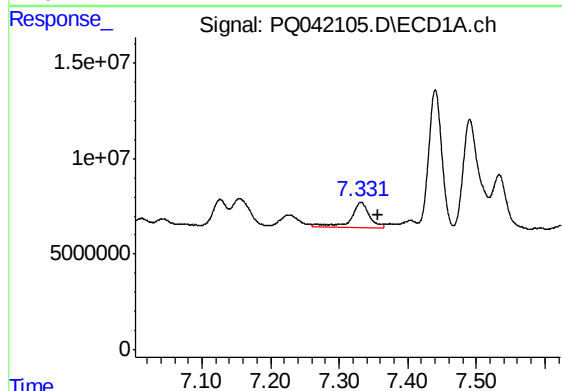
R.T.: 7.227 min
Delta R.T.: -0.015 min
Response: 11228955
Conc: 116.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



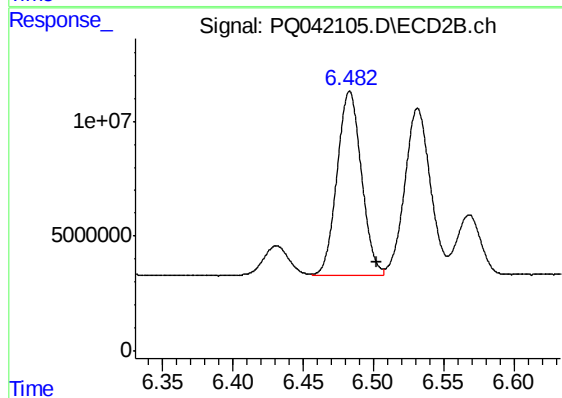
#5 AR-1016-3

R.T.: 6.431 min
Delta R.T.: -0.017 min
Response: 16025901
Conc: 214.91 ng/ml



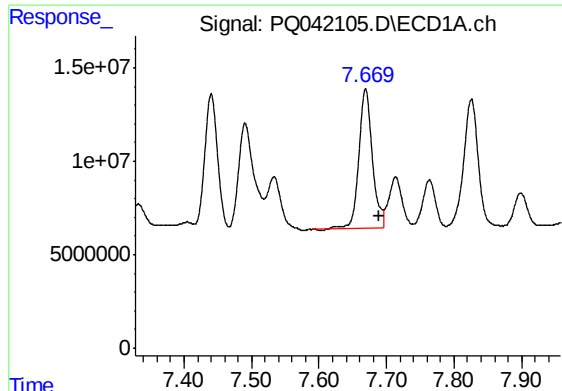
#6 AR-1016-4

R.T.: 7.332 min
Delta R.T.: -0.024 min
Response: 23433677
Conc: 300.38 ng/ml



#6 AR-1016-4

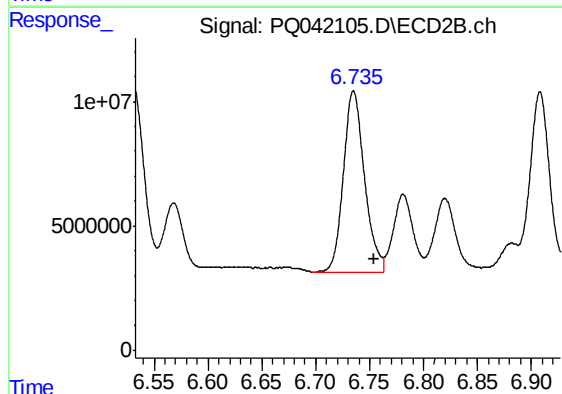
R.T.: 6.483 min
Delta R.T.: -0.019 min
Response: 96676825
Conc: 1559.04 ng/ml



#7 AR-1016-5

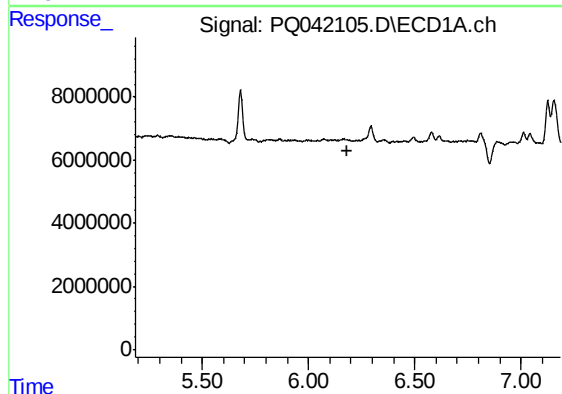
R.T.: 7.669 min
Delta R.T.: -0.020 min
Response: 104747710
Conc: 1332.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



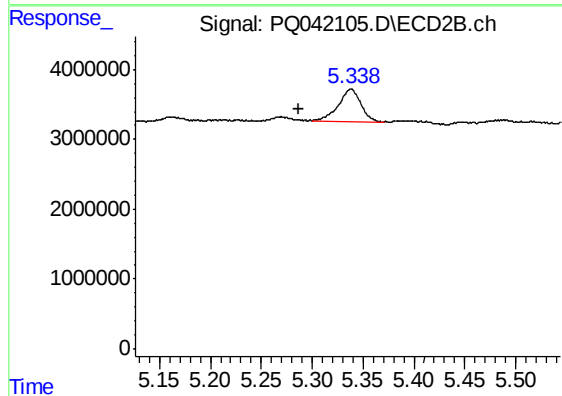
#7 AR-1016-5

R.T.: 6.735 min
Delta R.T.: -0.019 min
Response: 99371263
Conc: 1220.73 ng/ml



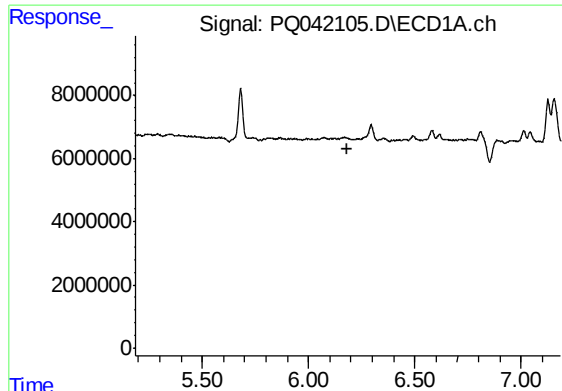
#10 AR-1221-3

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



#10 AR-1221-3

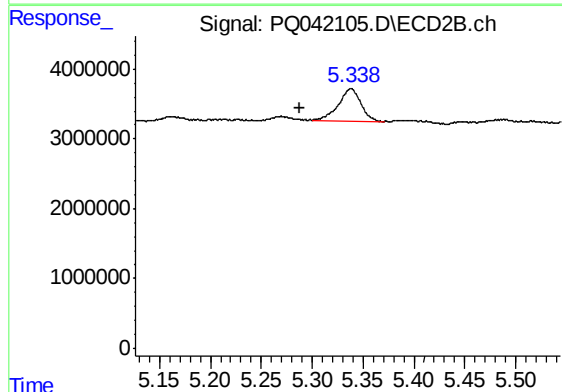
R.T.: 5.339 min
Delta R.T.: 0.052 min
Response: 7107065
Conc: 130.33 ng/ml



#11 AR-1232-1

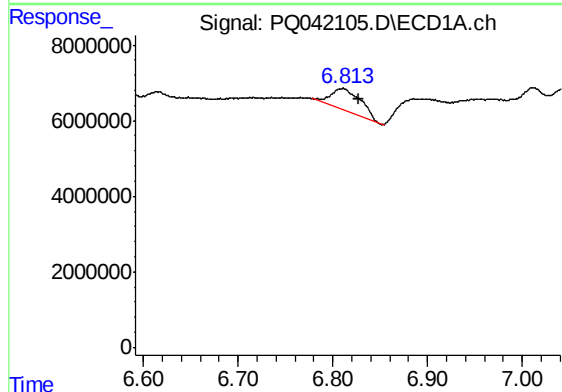
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



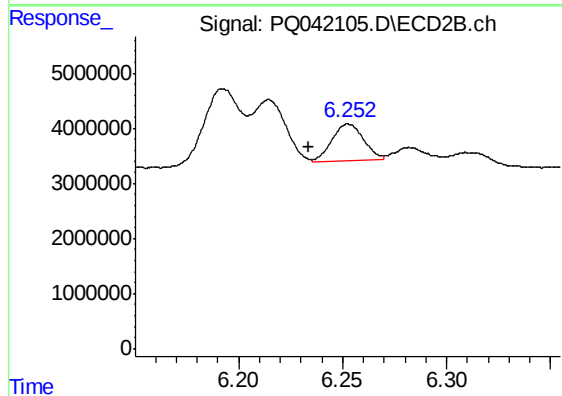
#11 AR-1232-1

R.T.: 5.339 min
Delta R.T.: 0.051 min
Response: 7107065
Conc: 147.18 ng/ml



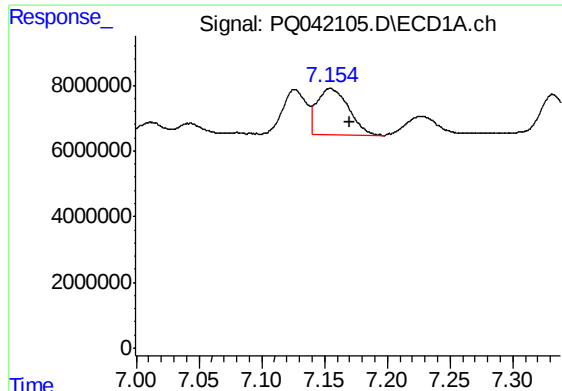
#12 AR-1232-2

R.T.: 6.811 min
Delta R.T.: -0.017 min
Response: 12663331
Conc: 385.41 ng/ml



#12 AR-1232-2

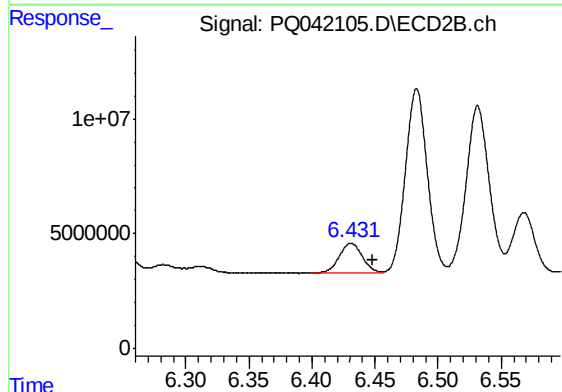
R.T.: 6.253 min
Delta R.T.: 0.019 min
Response: 6908174
Conc: 121.14 ng/ml



#13 AR-1232-3

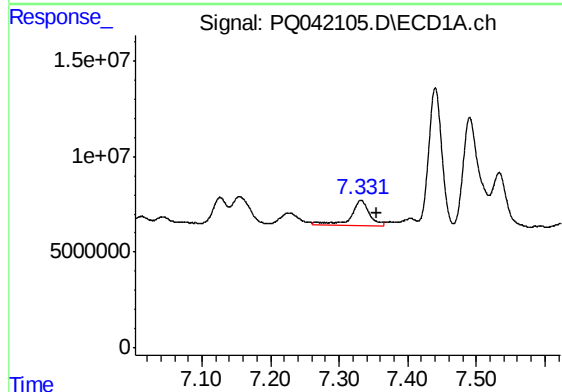
R.T.: 7.155 min
Delta R.T.: -0.016 min
Response: 24716675
Conc: 370.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



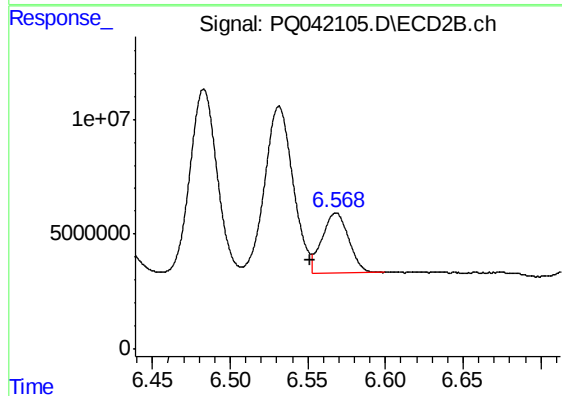
#13 AR-1232-3

R.T.: 6.431 min
Delta R.T.: -0.017 min
Response: 16025901
Conc: 537.43 ng/ml



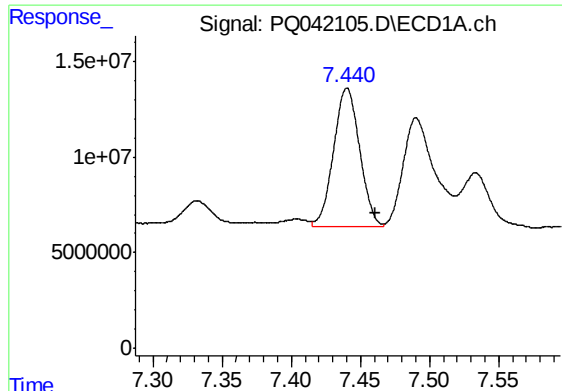
#14 AR-1232-4

R.T.: 7.332 min
Delta R.T.: -0.022 min
Response: 23433677
Conc: 730.55 ng/ml



#14 AR-1232-4

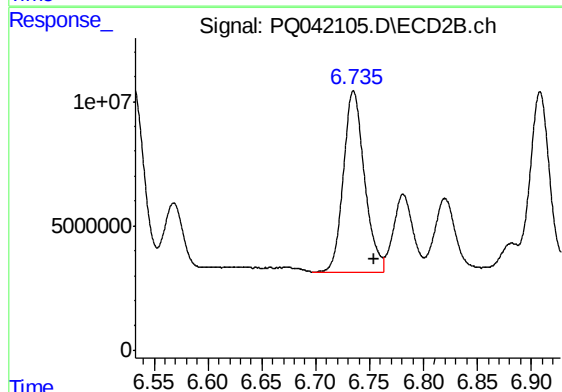
R.T.: 6.568 min
Delta R.T.: 0.017 min
Response: 31188307
Conc: 1168.25 ng/ml



#15 AR-1232-5

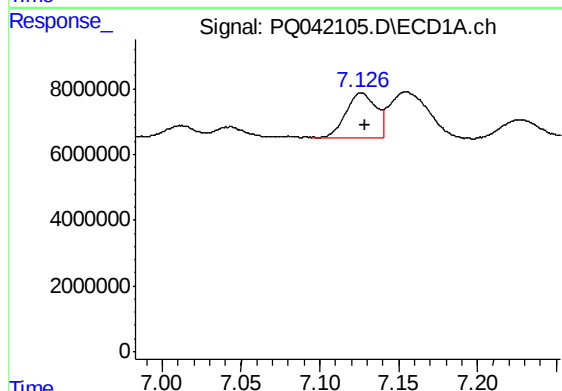
R.T.: 7.440 min
Delta R.T.: -0.021 min
Response: 95247864
Conc: 4432.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



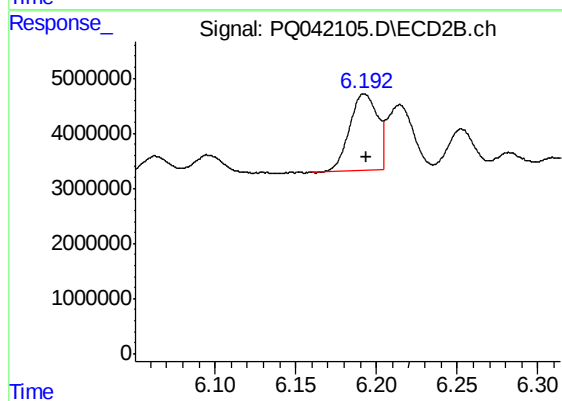
#15 AR-1232-5

R.T.: 6.735 min
Delta R.T.: -0.019 min
Response: 99371263
Conc: 3388.49 ng/ml



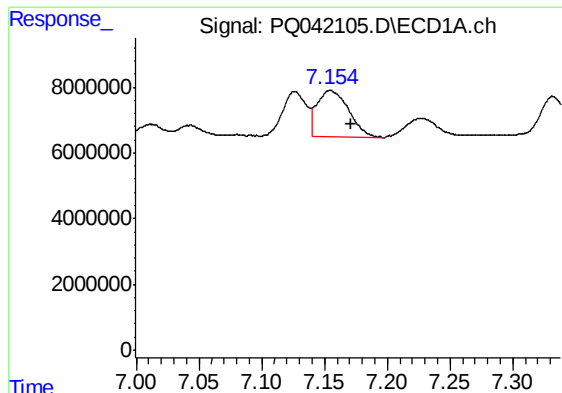
#16 AR-1242-1

R.T.: 7.126 min
Delta R.T.: -0.003 min
Response: 18200665
Conc: 203.48 ng/ml



#16 AR-1242-1

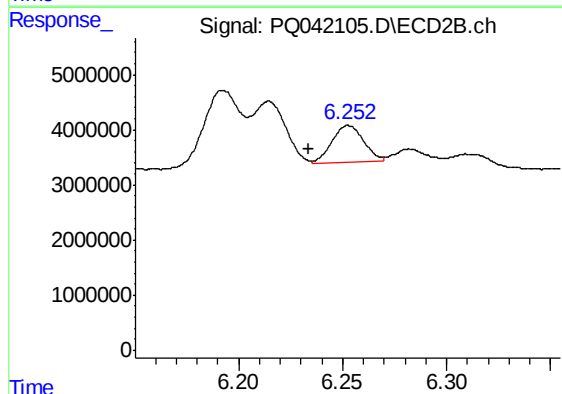
R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 16428416
Conc: 200.74 ng/ml



#17 AR-1242-2

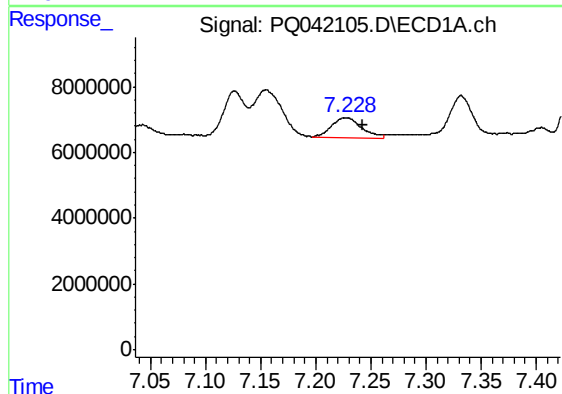
R.T.: 7.155 min
Delta R.T.: -0.017 min
Response: 24716675
Conc: 192.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



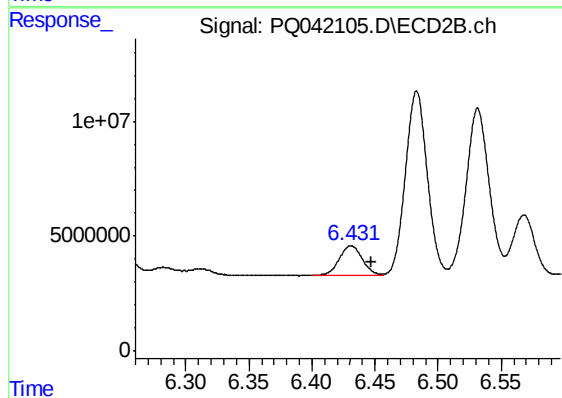
#17 AR-1242-2

R.T.: 6.253 min
Delta R.T.: 0.019 min
Response: 6908174
Conc: 61.17 ng/ml



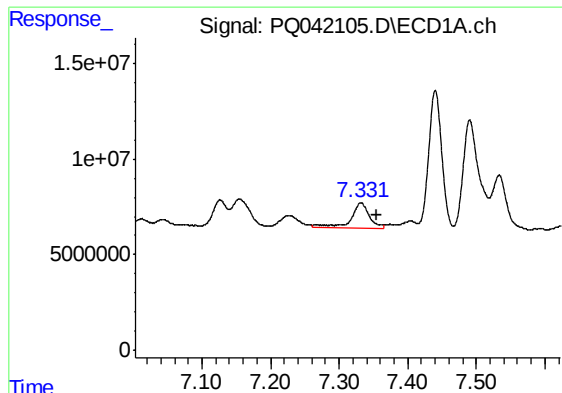
#18 AR-1242-3

R.T.: 7.227 min
Delta R.T.: -0.015 min
Response: 11228955
Conc: 138.48 ng/ml



#18 AR-1242-3

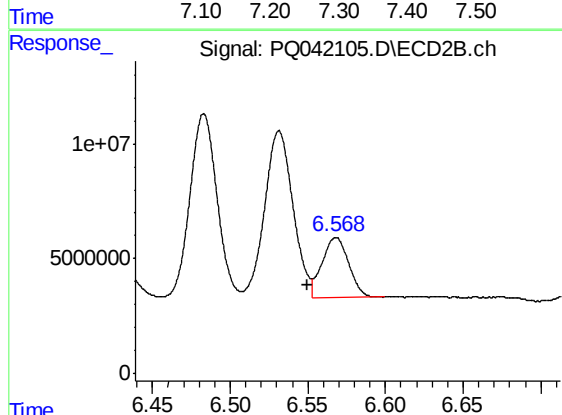
R.T.: 6.431 min
Delta R.T.: -0.016 min
Response: 16025901
Conc: 271.29 ng/ml



#19 AR-1242-4

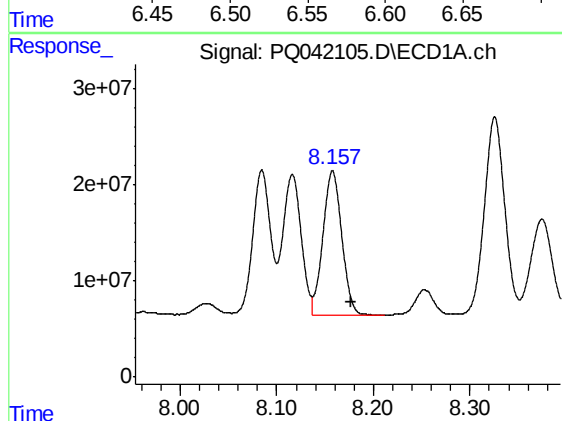
R.T.: 7.332 min
Delta R.T.: -0.023 min
Response: 23433677
Conc: 364.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



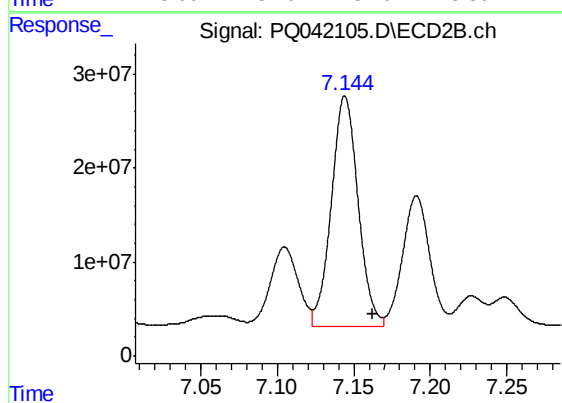
#19 AR-1242-4

R.T.: 6.568 min
Delta R.T.: 0.018 min
Response: 31188307
Conc: 525.97 ng/ml



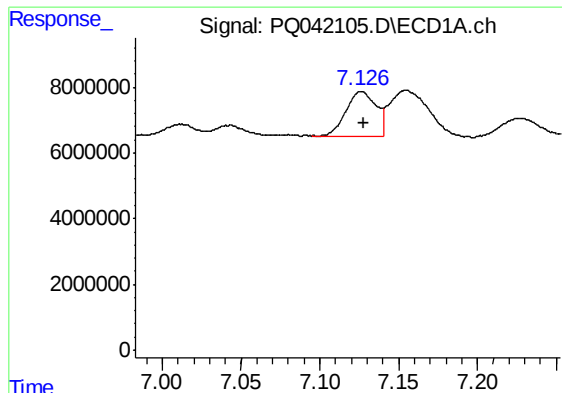
#20 AR-1242-5

R.T.: 8.158 min
Delta R.T.: -0.019 min
Response: 203558809
Conc: 2294.25 ng/ml



#20 AR-1242-5

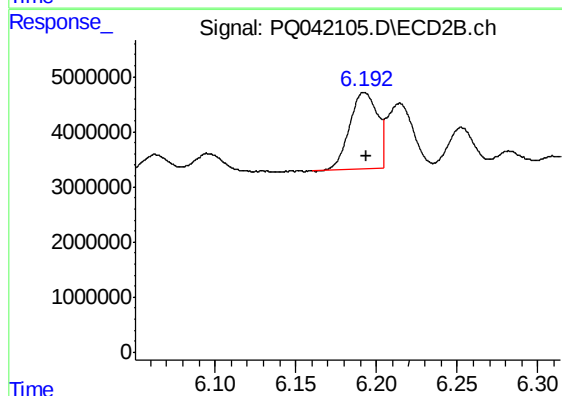
R.T.: 7.144 min
Delta R.T.: -0.018 min
Response: 301120088
Conc: 3391.21 ng/ml



#21 AR-1248-1

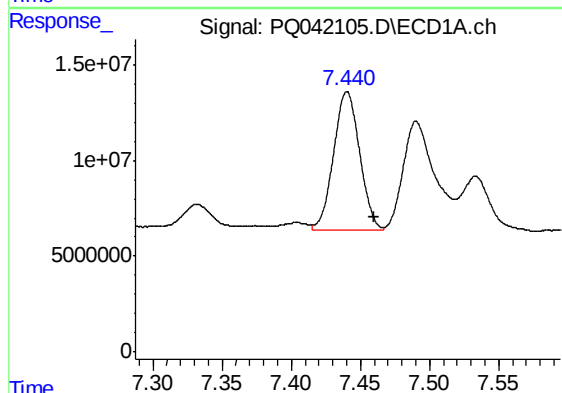
R.T.: 7.126 min
Delta R.T.: -0.002 min
Response: 18200665
Conc: 245.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



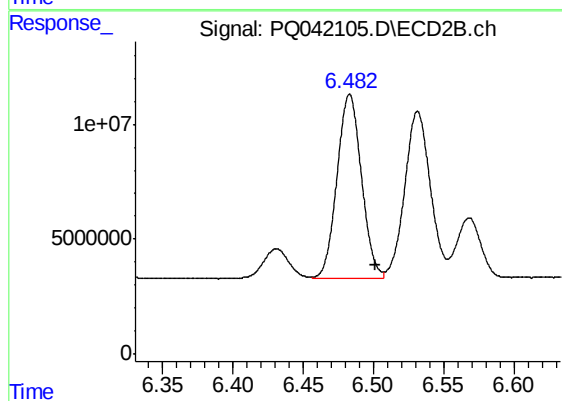
#21 AR-1248-1

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 16428416
Conc: 247.77 ng/ml



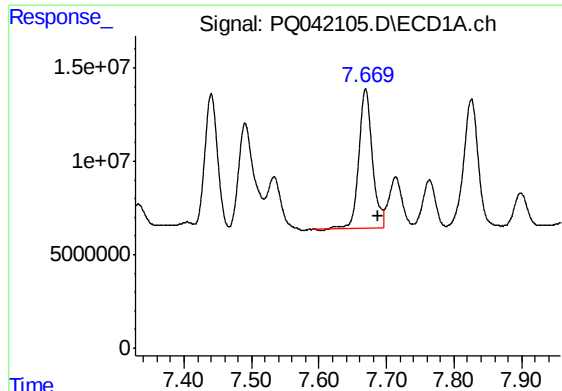
#22 AR-1248-2

R.T.: 7.440 min
Delta R.T.: -0.019 min
Response: 95247864
Conc: 1032.35 ng/ml



#22 AR-1248-2

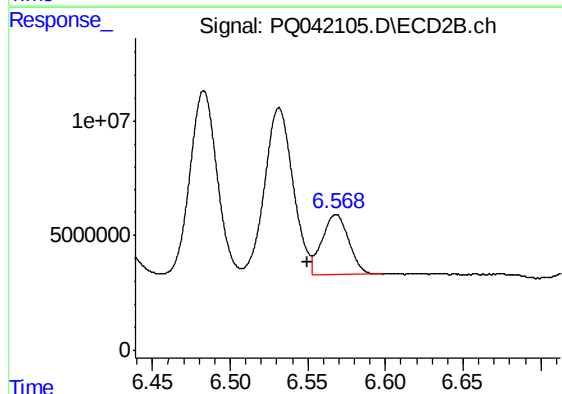
R.T.: 6.483 min
Delta R.T.: -0.019 min
Response: 96676825
Conc: 1108.84 ng/ml



#23 AR-1248-3

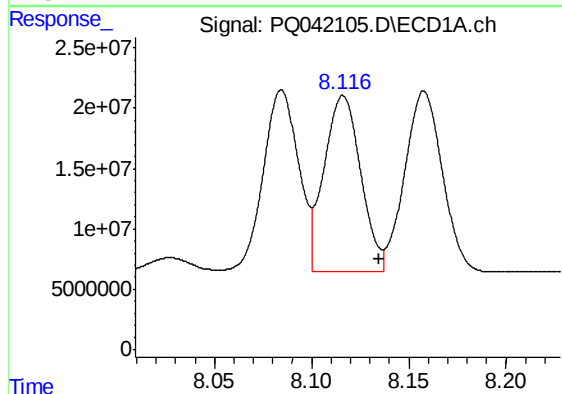
R.T.: 7.669 min
Delta R.T.: -0.019 min
Response: 104747710
Conc: 934.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



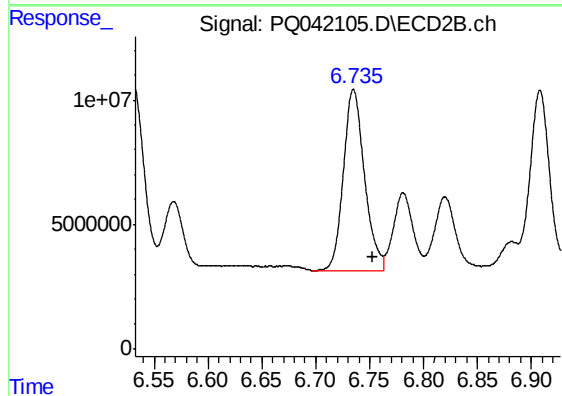
#23 AR-1248-3

R.T.: 6.568 min
Delta R.T.: 0.018 min
Response: 31188307
Conc: 349.43 ng/ml



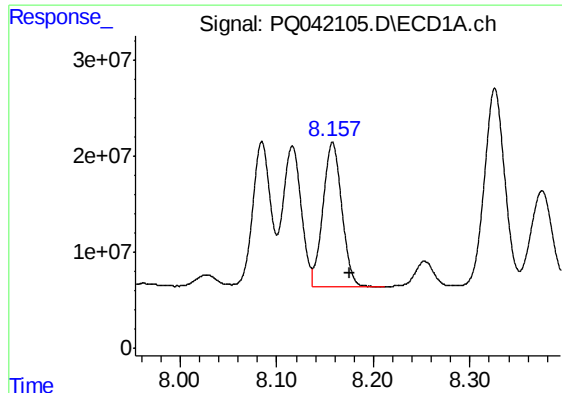
#24 AR-1248-4

R.T.: 8.116 min
Delta R.T.: -0.019 min
Response: 191349610
Conc: 1223.79 ng/ml



#24 AR-1248-4

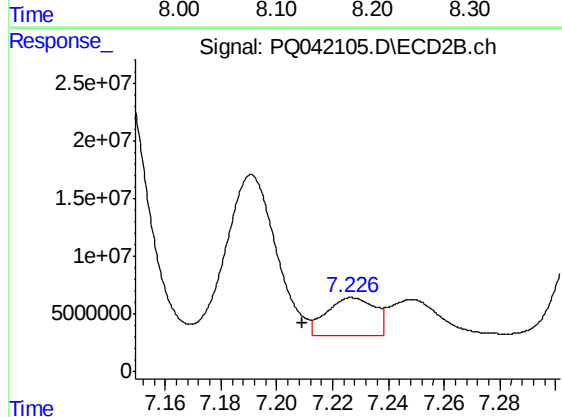
R.T.: 6.735 min
Delta R.T.: -0.018 min
Response: 99371263
Conc: 902.22 ng/ml



#25 AR-1248-5

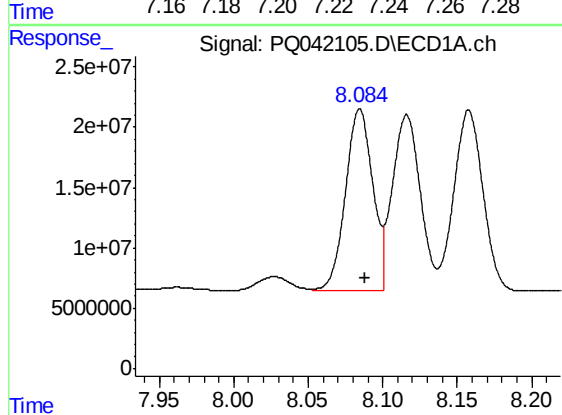
R.T.: 8.158 min
Delta R.T.: -0.018 min
Response: 203558809
Conc: 1345.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



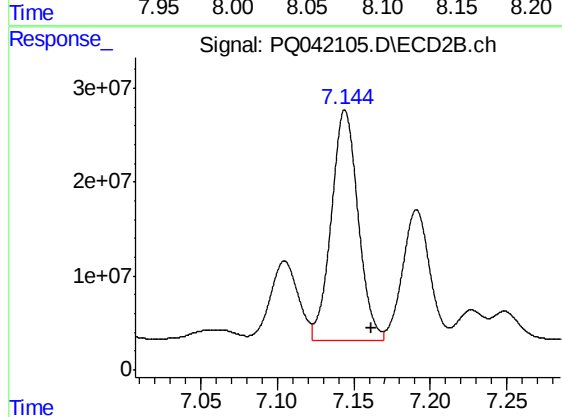
#25 AR-1248-5

R.T.: 7.227 min
Delta R.T.: 0.018 min
Response: 39905583
Conc: 311.34 ng/ml



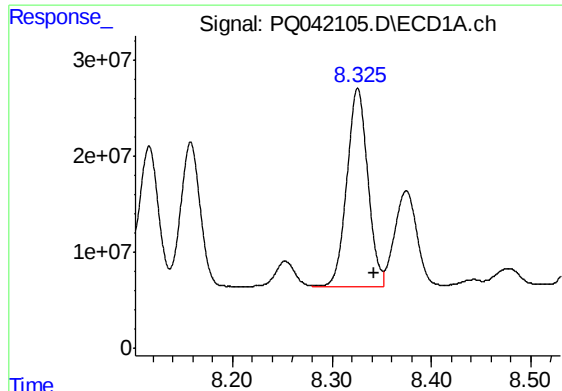
#26 AR-1254-1

R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 192378598
Conc: 1382.88 ng/ml



#26 AR-1254-1

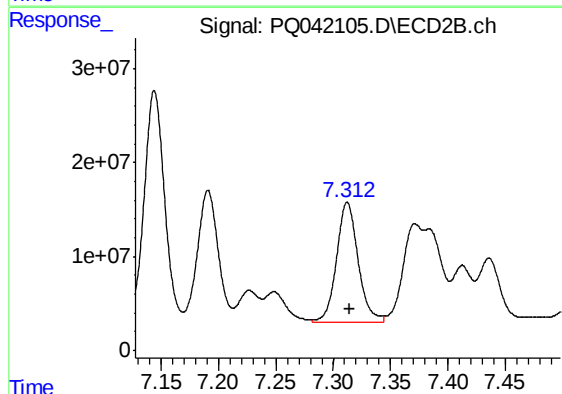
R.T.: 7.144 min
Delta R.T.: -0.018 min
Response: 301120088
Conc: 1646.50 ng/ml



#27 AR-1254-2

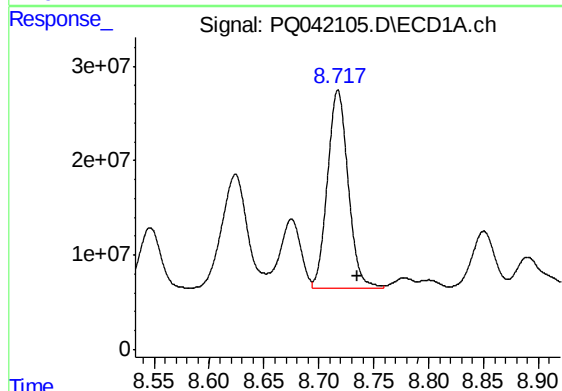
R.T.: 8.326 min
Delta R.T.: -0.016 min
Response: 301307485
Conc: 1316.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



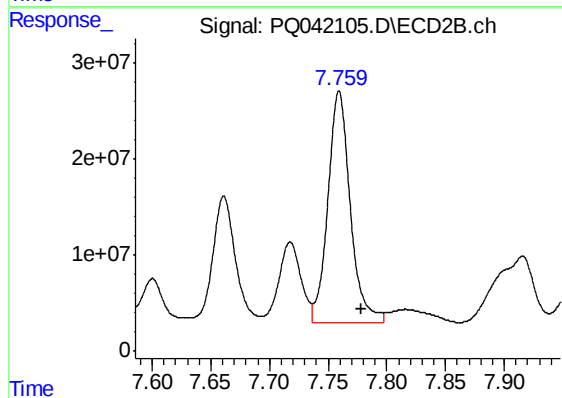
#27 AR-1254-2

R.T.: 7.312 min
Delta R.T.: -0.002 min
Response: 165379529
Conc: 1021.67 ng/ml



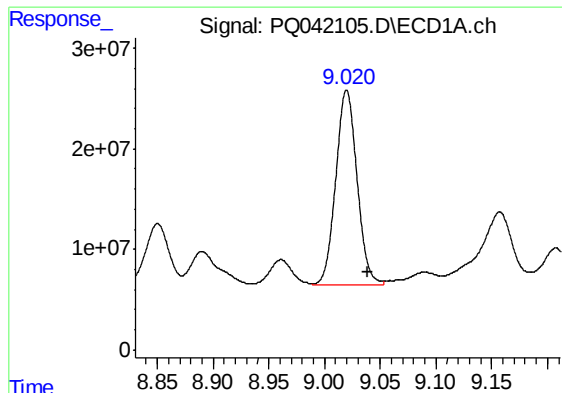
#28 AR-1254-3

R.T.: 8.717 min
Delta R.T.: -0.018 min
Response: 275778971
Conc: 1008.60 ng/ml



#28 AR-1254-3

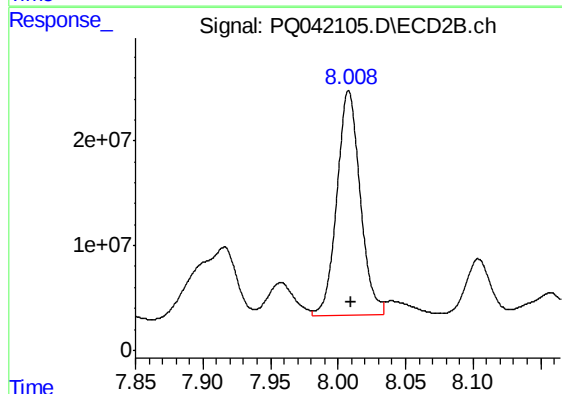
R.T.: 7.759 min
Delta R.T.: -0.019 min
Response: 318417541
Conc: 1104.06 ng/ml



#29 AR-1254-4

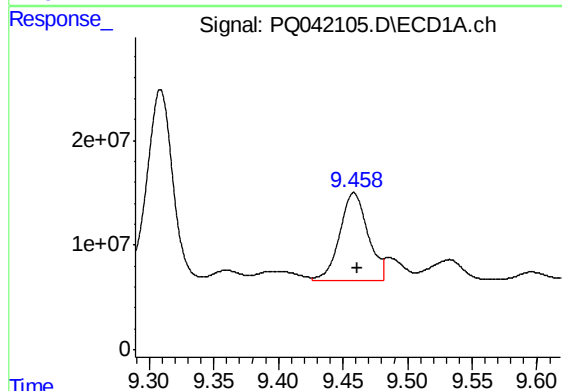
R.T.: 9.020 min
Delta R.T.: -0.019 min
Response: 256911681
Conc: 1043.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



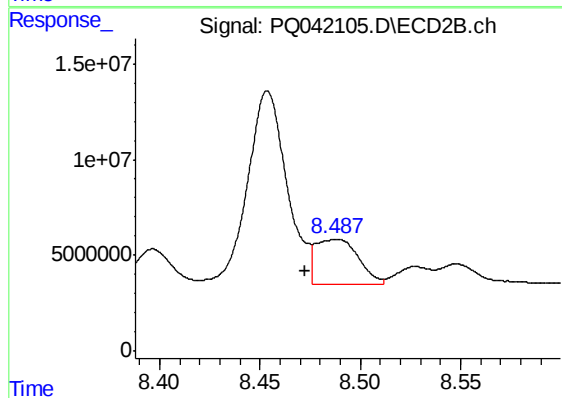
#29 AR-1254-4

R.T.: 8.008 min
Delta R.T.: -0.002 min
Response: 258436141
Conc: 1190.55 ng/ml



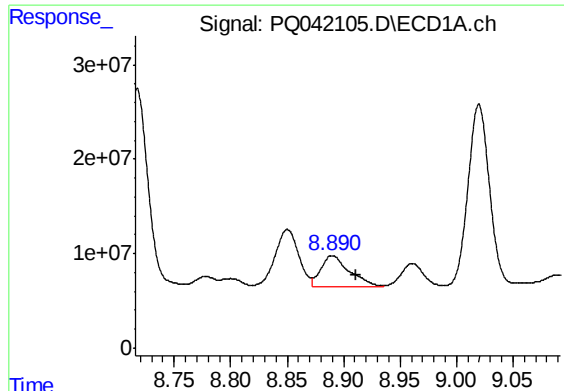
#30 AR-1254-5

R.T.: 9.458 min
Delta R.T.: -0.003 min
Response: 129420419
Conc: 477.84 ng/ml



#30 AR-1254-5

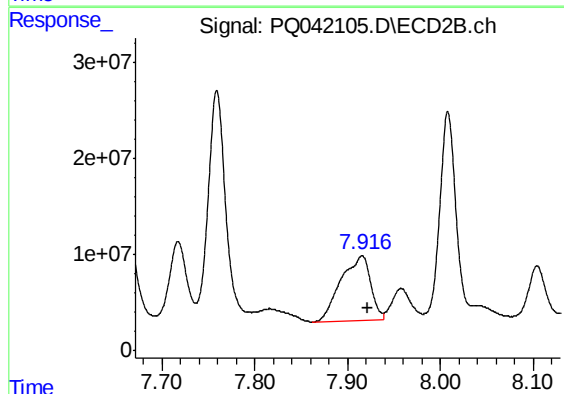
R.T.: 8.488 min
Delta R.T.: 0.016 min
Response: 34748694
Conc: 115.53 ng/ml



#31 AR-1260-1

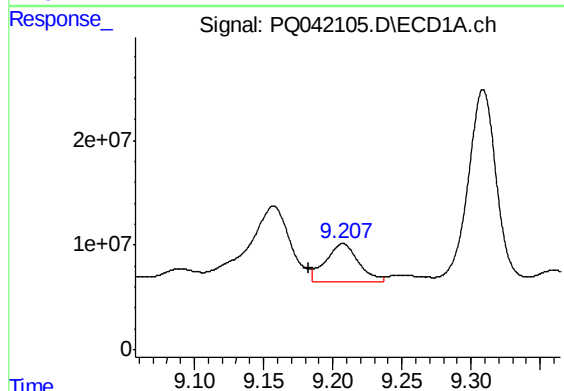
R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 58155923
Conc: 326.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



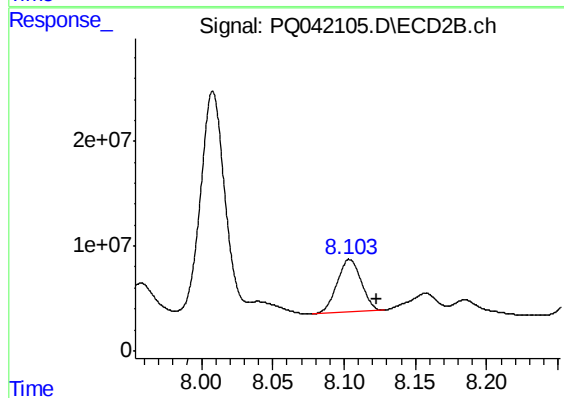
#31 AR-1260-1

R.T.: 7.916 min
Delta R.T.: -0.005 min
Response: 150609896
Conc: 830.13 ng/ml



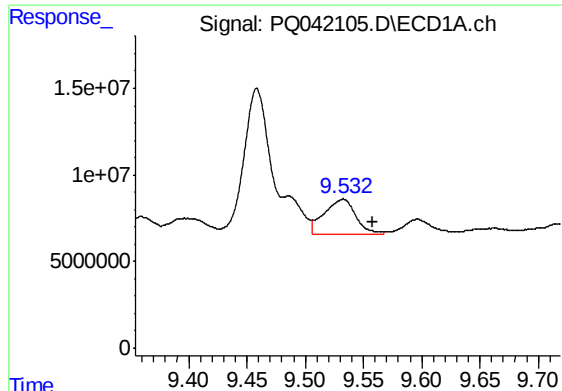
#32 AR-1260-2

R.T.: 9.207 min
Delta R.T.: 0.025 min
Response: 58830943
Conc: 233.20 ng/ml



#32 AR-1260-2

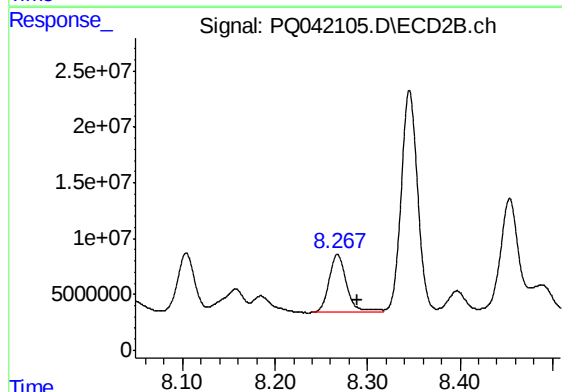
R.T.: 8.104 min
Delta R.T.: -0.019 min
Response: 59507722
Conc: 242.56 ng/ml



#33 AR-1260-3

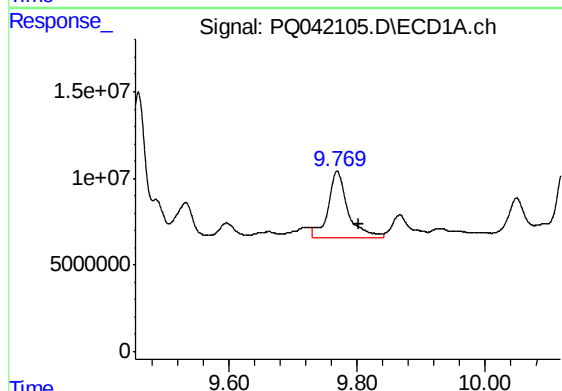
R.T.: 9.533 min
Delta R.T.: -0.026 min
Response: 38466740
Conc: 167.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



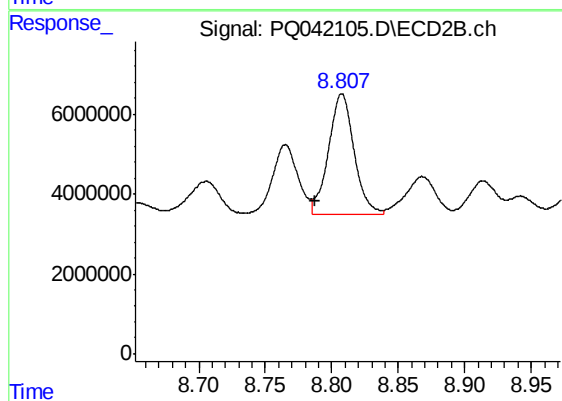
#33 AR-1260-3

R.T.: 8.268 min
Delta R.T.: -0.021 min
Response: 68527463
Conc: 322.06 ng/ml



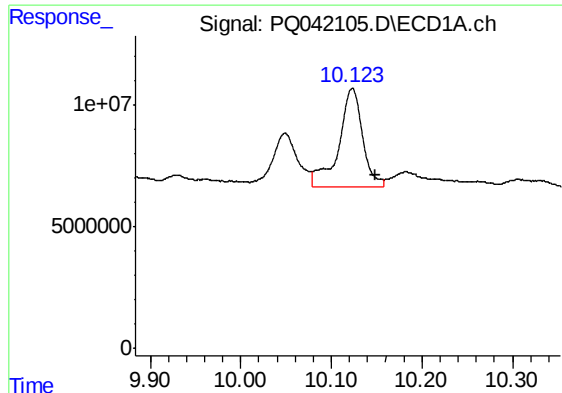
#34 AR-1260-4

R.T.: 9.769 min
Delta R.T.: -0.033 min
Response: 81507754
Conc: 319.21 ng/ml



#34 AR-1260-4

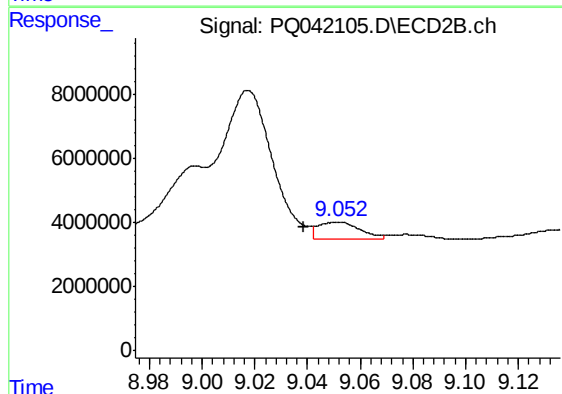
R.T.: 8.808 min
Delta R.T.: 0.020 min
Response: 40233396
Conc: 198.89 ng/ml



#35 AR-1260-5

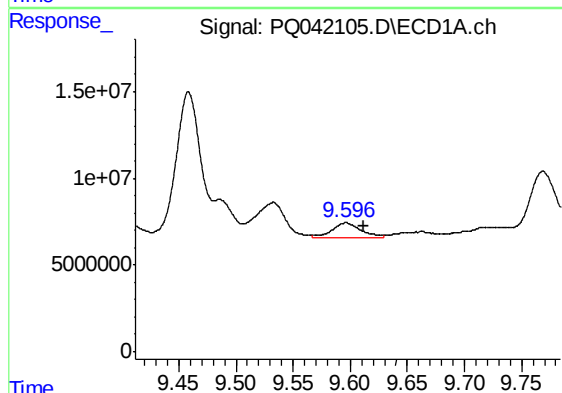
R.T.: 10.123 min
Delta R.T.: -0.026 min
Response: 74852176
Conc: 111.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



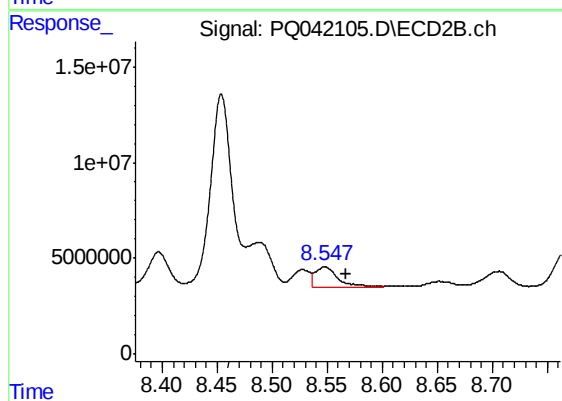
#35 AR-1260-5

R.T.: 9.052 min
Delta R.T.: 0.013 min
Response: 6029681
Conc: 10.22 ng/ml



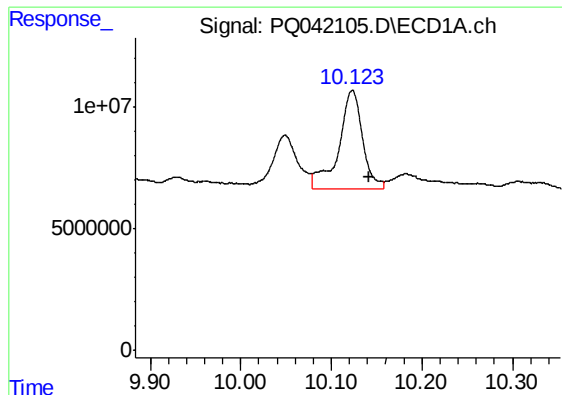
#36 AR-1262-1

R.T.: 9.596 min
Delta R.T.: -0.016 min
Response: 15553340
Conc: 101.20 ng/ml



#36 AR-1262-1

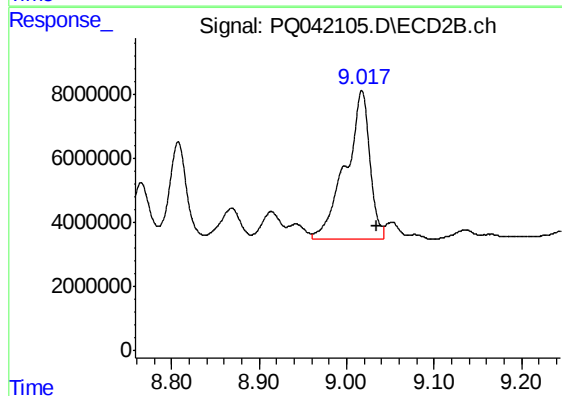
R.T.: 8.548 min
Delta R.T.: -0.019 min
Response: 14730244
Conc: 102.68 ng/ml



#37 AR-1262-2

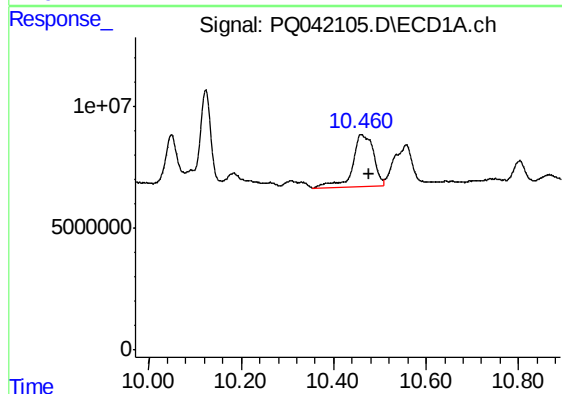
R.T.: 10.123 min
Delta R.T.: -0.019 min
Response: 74852176
Conc: 85.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



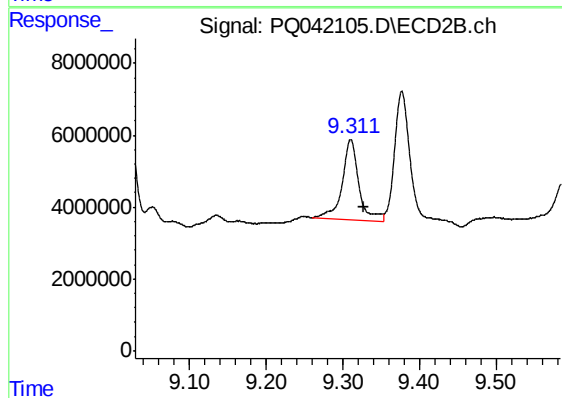
#37 AR-1262-2

R.T.: 9.018 min
Delta R.T.: -0.017 min
Response: 88723514
Conc: 119.73 ng/ml



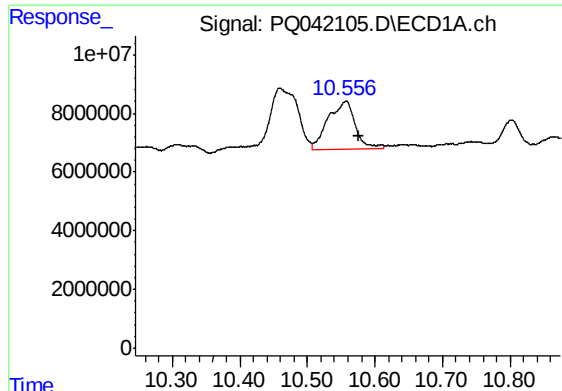
#38 AR-1262-3

R.T.: 10.459 min
Delta R.T.: -0.017 min
Response: 67303517
Conc: 105.99 ng/ml



#38 AR-1262-3

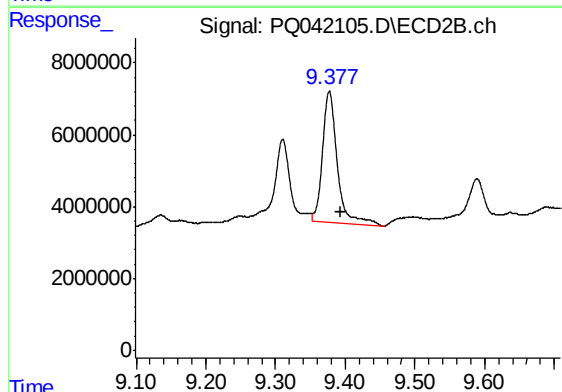
R.T.: 9.310 min
Delta R.T.: -0.018 min
Response: 34382382
Conc: 108.68 ng/ml



#39 AR-1262-4

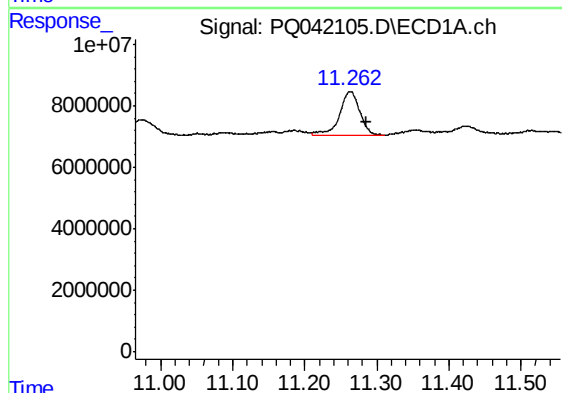
R.T.: 10.557 min
Delta R.T.: -0.019 min
Response: 46648969
Conc: 93.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



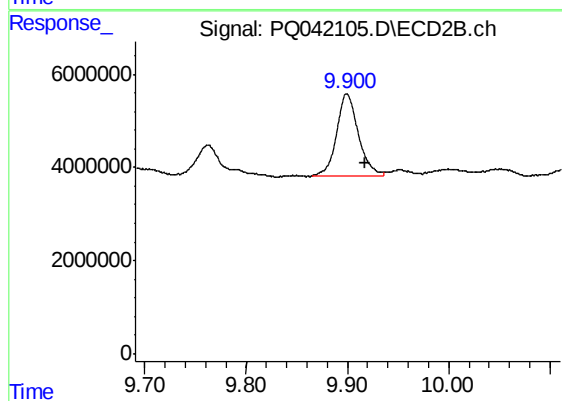
#39 AR-1262-4

R.T.: 9.377 min
Delta R.T.: -0.017 min
Response: 54192911
Conc: 96.37 ng/ml



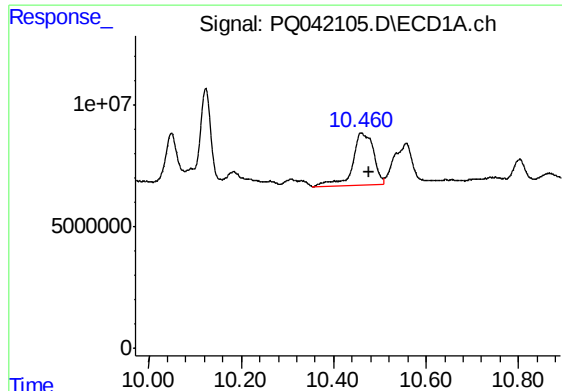
#40 AR-1262-5

R.T.: 11.263 min
Delta R.T.: -0.024 min
Response: 27381949
Conc: 67.26 ng/ml



#40 AR-1262-5

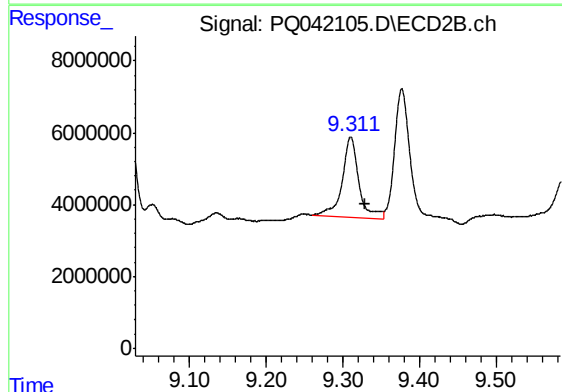
R.T.: 9.900 min
Delta R.T.: -0.018 min
Response: 26193254
Conc: 91.71 ng/ml



#41 AR-1268-1

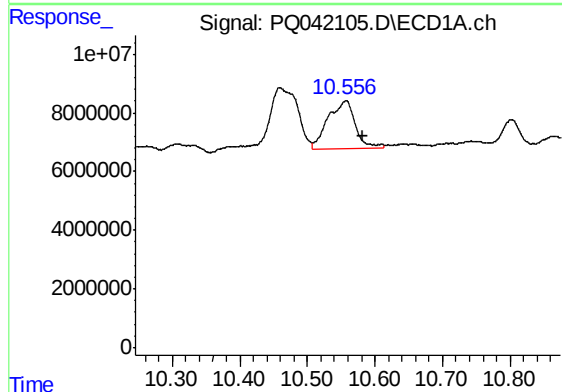
R.T.: 10.459 min
Delta R.T.: -0.019 min
Response: 67303517
Conc: 47.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



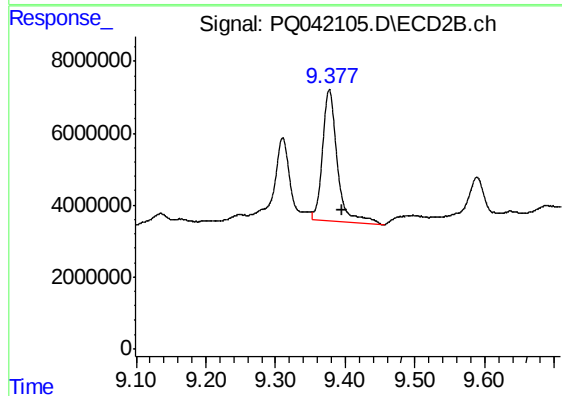
#41 AR-1268-1

R.T.: 9.310 min
Delta R.T.: -0.018 min
Response: 34382382
Conc: 30.08 ng/ml



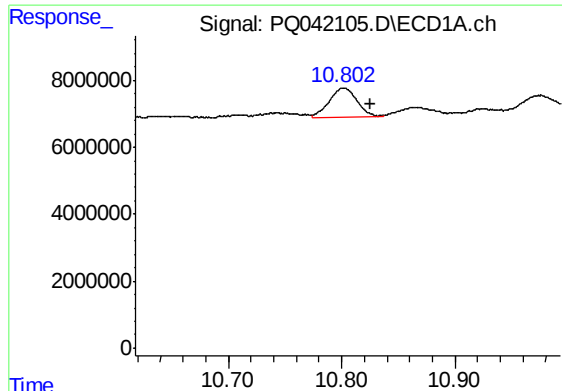
#42 AR-1268-2

R.T.: 10.557 min
Delta R.T.: -0.024 min
Response: 46648969
Conc: 35.37 ng/ml



#42 AR-1268-2

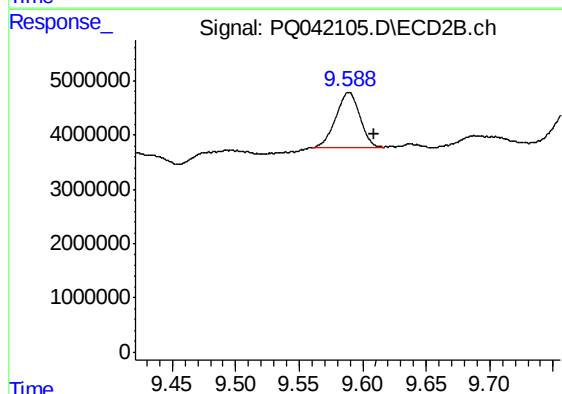
R.T.: 9.377 min
Delta R.T.: -0.018 min
Response: 54192911
Conc: 52.79 ng/ml



#43 AR-1268-3

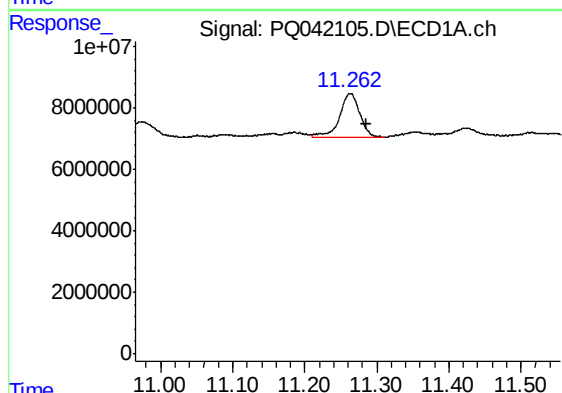
R.T.: 10.802 min
Delta R.T.: -0.024 min
Response: 14609733
Conc: 12.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



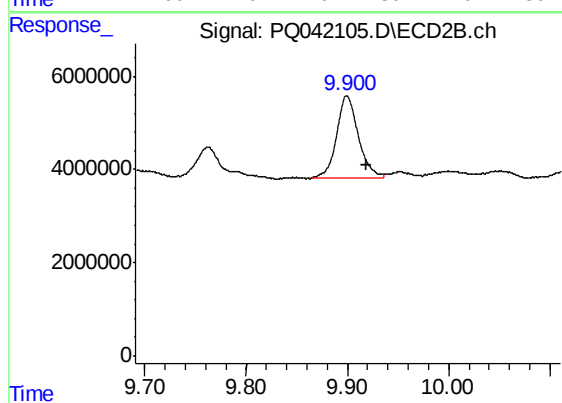
#43 AR-1268-3

R.T.: 9.589 min
Delta R.T.: -0.020 min
Response: 13479020
Conc: 15.51 ng/ml



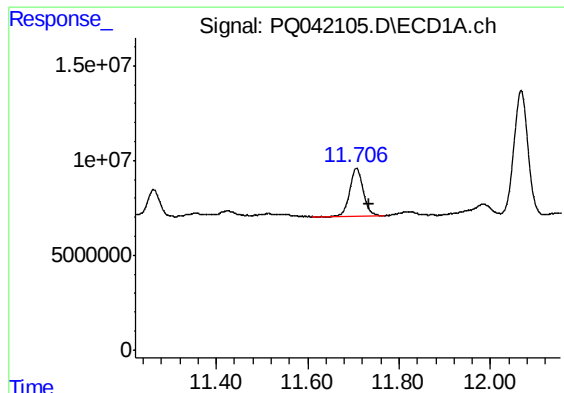
#44 AR-1268-4

R.T.: 11.263 min
Delta R.T.: -0.023 min
Response: 27381949
Conc: 50.30 ng/ml



#44 AR-1268-4

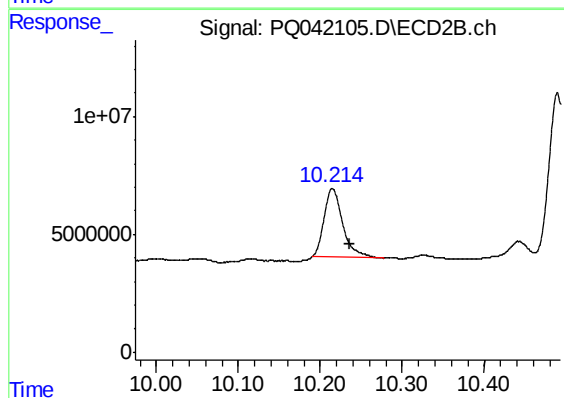
R.T.: 9.900 min
Delta R.T.: -0.019 min
Response: 26193254
Conc: 68.09 ng/ml



#45 AR-1268-5

R.T.: 11.707 min
Delta R.T.: -0.028 min
Response: 51693709
Conc: 12.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW9DL



#45 AR-1268-5

R.T.: 10.215 min
Delta R.T.: -0.021 min
Response: 46696950
Conc: 17.98 ng/ml