

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
 Data File : PQ041928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 10:53
 Operator : SM\AJ
 Sample : K3850-02DL2 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENP1DL2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 00:51:04 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...	0.000	4.759	0	2298369	N.D.	1.193 #
2)	SA Decachlor...	12.094	10.509	86764458	10909666	10.291	2.255 #
Target Compounds							
3)	L1 AR-1016-1	7.141	6.213	10499083	34467823	97.138	332.158 #
4)	L1 AR-1016-2	7.168	6.213	17791933	34467823	113.666	240.581 #
5)	L1 AR-1016-3	7.261	6.443	43742341	24825449	452.220	332.906 #
6)	L1 AR-1016-4	7.345	6.499	12751649	51639006	163.453	832.749 #
7)	L1 AR-1016-5	7.683	6.750	41731782	41537480	530.870	510.267
9)	L2 AR-1221-2	0.000	5.139	0	1504614	N.D.	94.217 #
10)	L2 AR-1221-3	6.192	5.353	39312816	72962828	638.764	1337.982 #
11)	L3 AR-1232-1	6.192	5.353	39312816	72962828	726.451	1511.003 #
12)	L3 AR-1232-2	0.000	6.213	0	34467823	N.D.	604.404 #
13)	L3 AR-1232-3	7.168	6.443	17791933	24825449	266.492	832.524 #
14)	L3 AR-1232-4	7.345	6.548	12751649	40658618	397.537	1522.984 #
15)	L3 AR-1232-5	7.455	6.750	68582358	41537480	3191.321	1416.398 #
16)	L4 AR-1242-1	7.141	6.213	10499083	34467823	117.375	421.162 #
17)	L4 AR-1242-2	7.168	6.213	17791933	34467823	138.360	305.193 #
18)	L4 AR-1242-3	7.261	6.443	43742341	24825449	539.454	420.253
19)	L4 AR-1242-4	7.345	6.548	12751649	40658618	198.353	685.674 #
20)	L4 AR-1242-5	8.173	7.160	86592534	78854377	975.956	888.057
21)	L5 AR-1248-1	7.141	6.213	10499083	34467823	141.619	519.846 #
22)	L5 AR-1248-2	7.455	6.499	68582358	51639006	743.334	592.274
23)	L5 AR-1248-3	7.683	6.548	41731782	40658618	372.468	455.530
24)	L5 AR-1248-4	8.132	6.750	67211630	41537480	429.857	377.129
25)	L5 AR-1248-5	8.173	7.208	86592534	429.7E6	572.235	3352.770 #
26)	L6 AR-1254-1	8.101	7.160	55440935	78854377	398.527	431.170
27)	L6 AR-1254-2	8.345	7.327	385.1E6	35335902	1682.737	218.296 #
28)	L6 AR-1254-3	8.733	7.775	129.6E6	70785326	474.024	245.436 #
29)	L6 AR-1254-4	9.031	8.023	163.1E6	42583439	662.389	196.171 #
30)	L6 AR-1254-5	9.472	8.468	61649138	49301144	227.617	163.917 #
31)	L7 AR-1260-1	8.911	7.927	67347846	69170248	378.603	381.251
32)	L7 AR-1260-2	9.199	8.124	145.4E6	75781133	576.516	308.887 #
33)	L7 AR-1260-3	9.547	8.283	86531578	11782437	377.646	55.374 #
34)	L7 AR-1260-4	9.819	8.769	774.9E6	35628720	3034.750	176.128 #
35)	L7 AR-1260-5	10.143	9.004	88737174	468.3E6	131.737	793.440 #
36)	L8 AR-1262-1	9.613	8.571	117.2E6	11186918	762.643	77.977 #
37)	L8 AR-1262-2	10.143	9.004	88737174	468.3E6	101.366	631.922 #
38)	L8 AR-1262-3	10.488	9.348	216.8E6	20555256	341.398	64.972 #
39)	L8 AR-1262-4	10.581	9.416	642.9E6	118.9E6	1284.026	211.388 #
40)	L8 AR-1262-5	11.336	9.927	794.1E6	8530323	1950.638	29.868 #
41)	L9 AR-1268-1	10.488	9.348	216.8E6	20555256	152.182	17.981 #
42)	L9 AR-1268-2	10.581	9.416	642.9E6	118.9E6	487.456	115.802 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
 Data File : PQ041928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 10:53
 Operator : SM\AJ
 Sample : K3850-02DL2 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

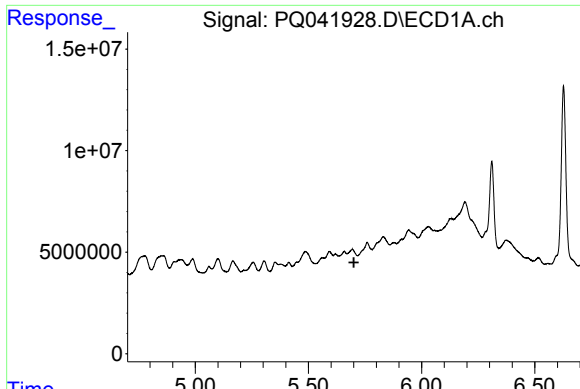
Instrument :
 ECD_Q
 ClientSampleId :
 BENP1DL2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 00:51:04 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
43) L9	AR-1268-3	10.806	9.602	72379303	19067558	61.857	21.943 #
44) L9	AR-1268-4	11.336	9.927	794.1E6	8530323	1458.666	22.176 #
45) L9	AR-1268-5	0.000	10.236	0	647374	N.D.	0.249 #

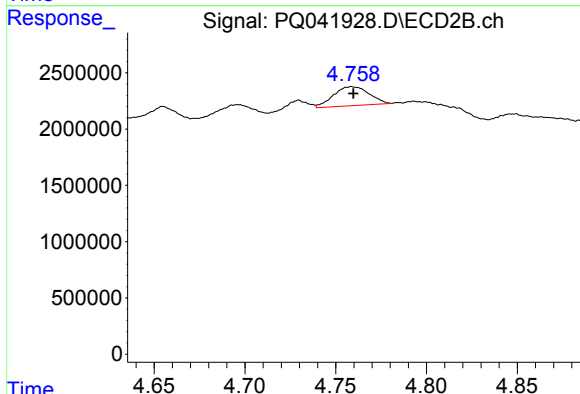
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

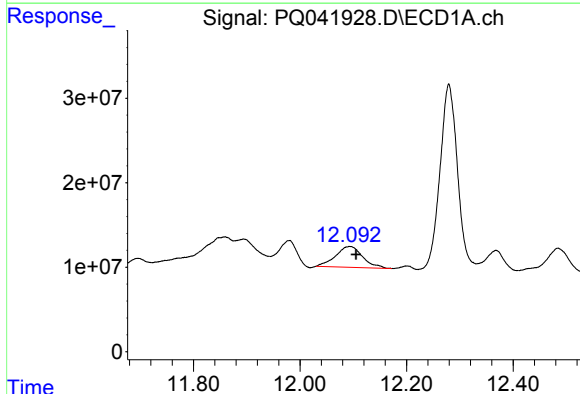
R.T.: 0.000 min
Exp R.T.: 5.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



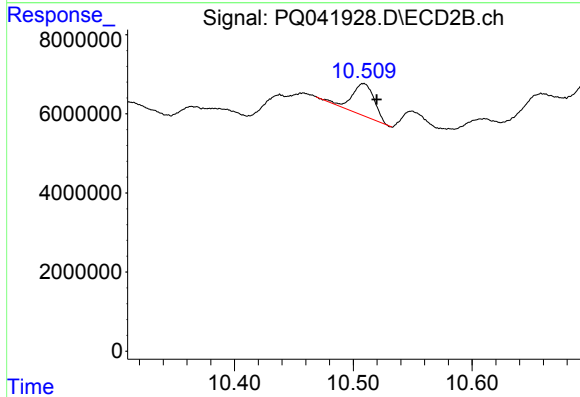
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 2298369
Conc: 1.19 ng/ml



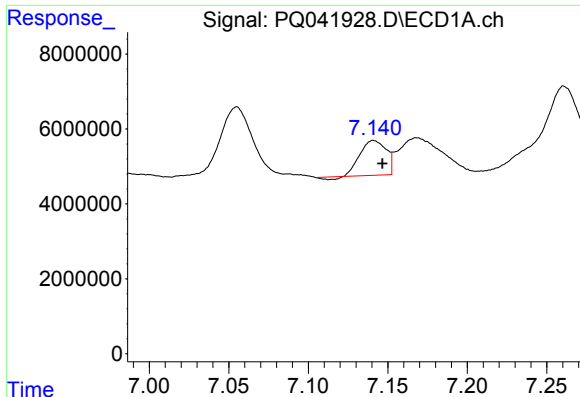
#2 Decachlorobiphenyl

R.T.: 12.094 min
Delta R.T.: -0.012 min
Response: 86764458
Conc: 10.29 ng/ml



#2 Decachlorobiphenyl

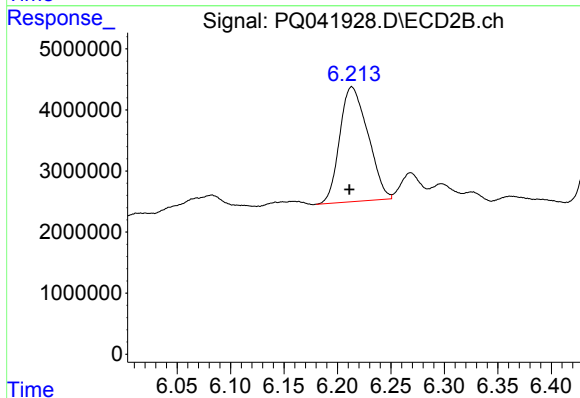
R.T.: 10.509 min
Delta R.T.: -0.011 min
Response: 10909666
Conc: 2.26 ng/ml



#3 AR-1016-1

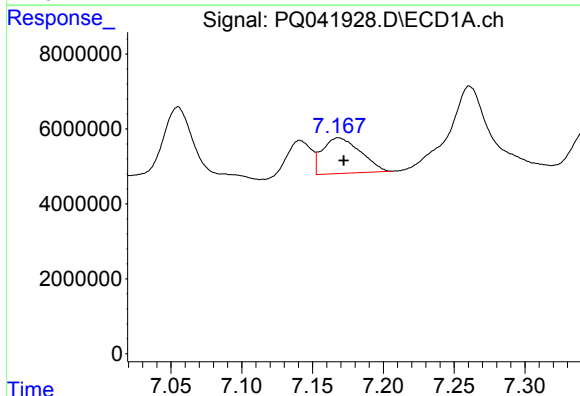
R.T.: 7.141 min
Delta R.T.: -0.006 min
Response: 10499083
Conc: 97.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



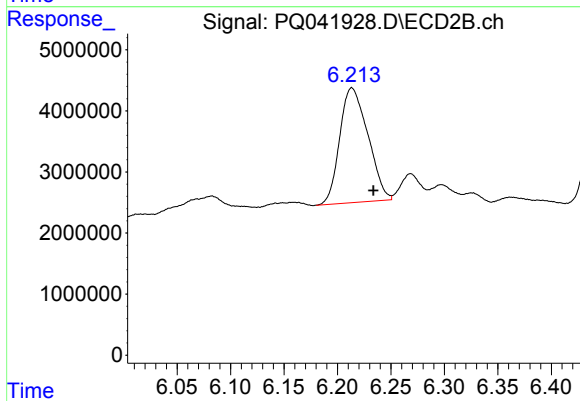
#3 AR-1016-1

R.T.: 6.213 min
Delta R.T.: 0.002 min
Response: 34467823
Conc: 332.16 ng/ml



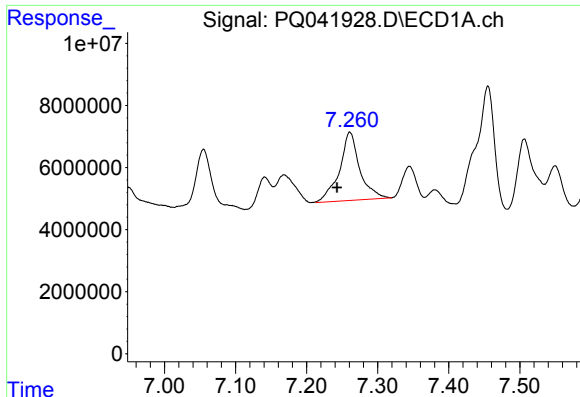
#4 AR-1016-2

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 17791933
Conc: 113.67 ng/ml



#4 AR-1016-2

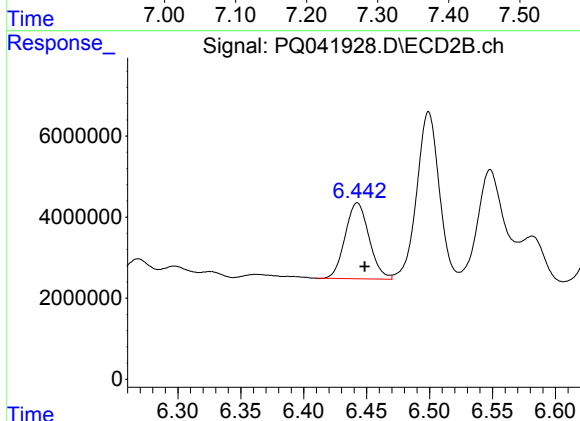
R.T.: 6.213 min
Delta R.T.: -0.020 min
Response: 34467823
Conc: 240.58 ng/ml



#5 AR-1016-3

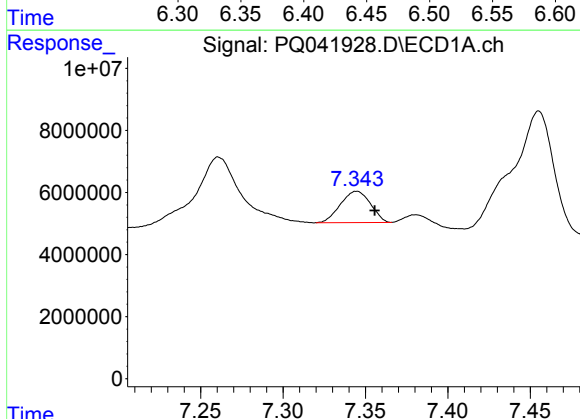
R.T.: 7.261 min
Delta R.T.: 0.018 min
Response: 43742341
Conc: 452.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



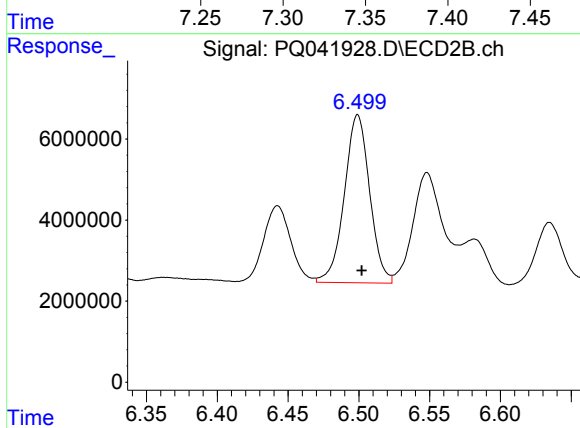
#5 AR-1016-3

R.T.: 6.443 min
Delta R.T.: -0.006 min
Response: 24825449
Conc: 332.91 ng/ml



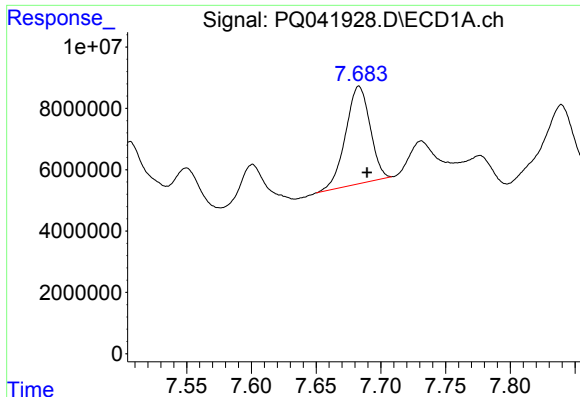
#6 AR-1016-4

R.T.: 7.345 min
Delta R.T.: -0.011 min
Response: 12751649
Conc: 163.45 ng/ml



#6 AR-1016-4

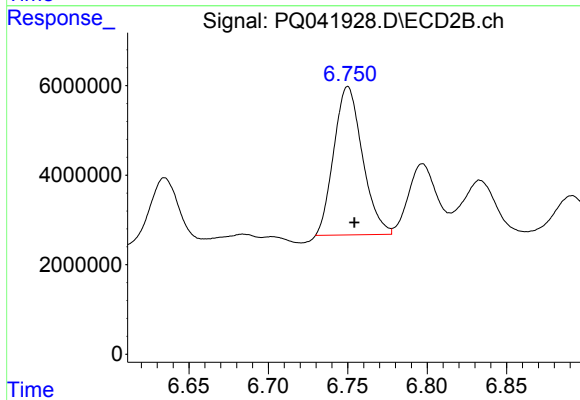
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 51639006
Conc: 832.75 ng/ml



#7 AR-1016-5

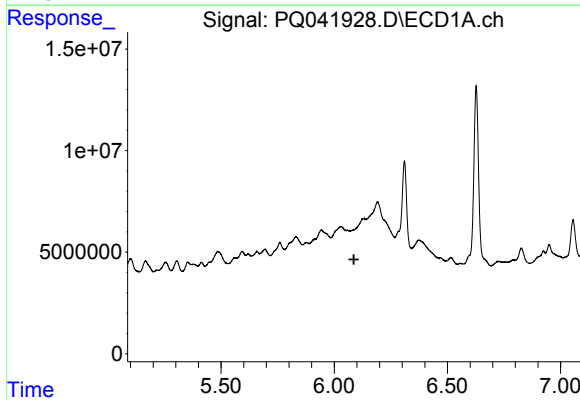
R.T.: 7.683 min
Delta R.T.: -0.006 min
Response: 41731782
Conc: 530.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



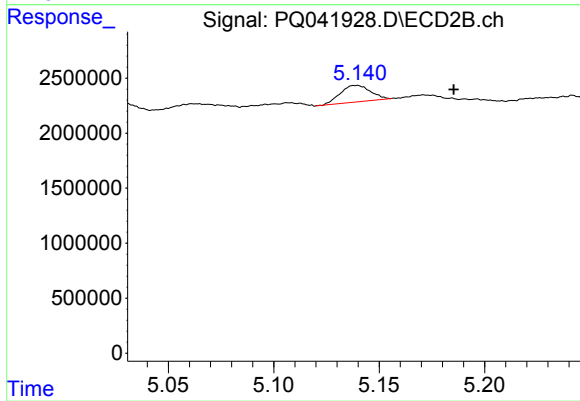
#7 AR-1016-5

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 41537480
Conc: 510.27 ng/ml



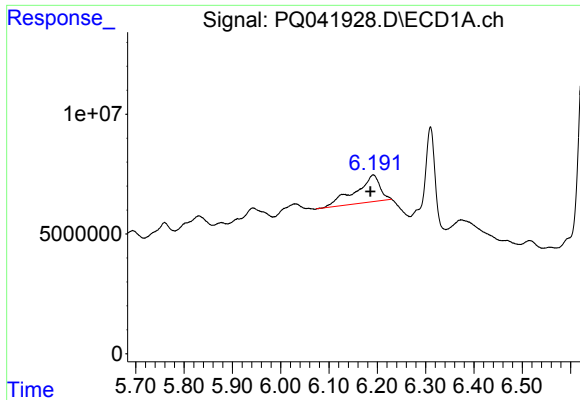
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.087 min
Response: 0
Conc: N.D.



#9 AR-1221-2

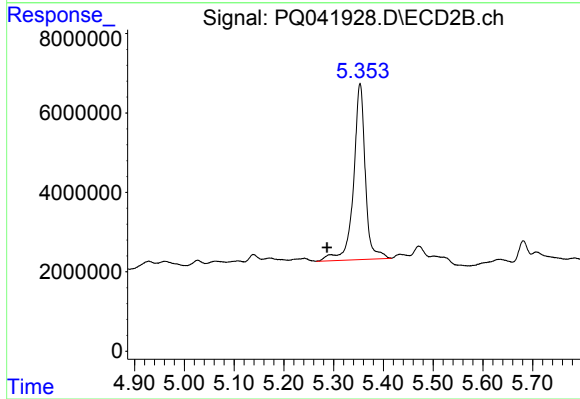
R.T.: 5.139 min
Delta R.T.: -0.046 min
Response: 1504614
Conc: 94.22 ng/ml



#10 AR-1221-3

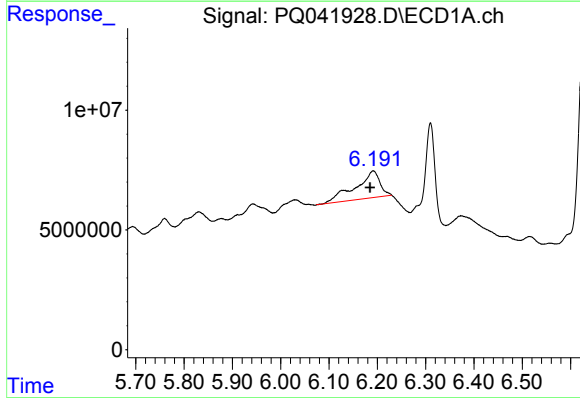
R.T.: 6.192 min
Delta R.T.: 0.006 min
Response: 39312816
Conc: 638.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



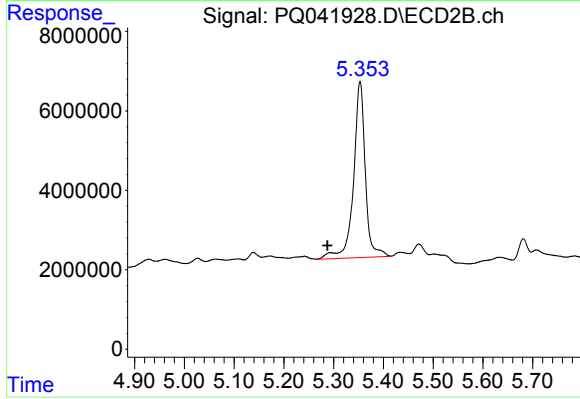
#10 AR-1221-3

R.T.: 5.353 min
Delta R.T.: 0.066 min
Response: 72962828
Conc: 1337.98 ng/ml



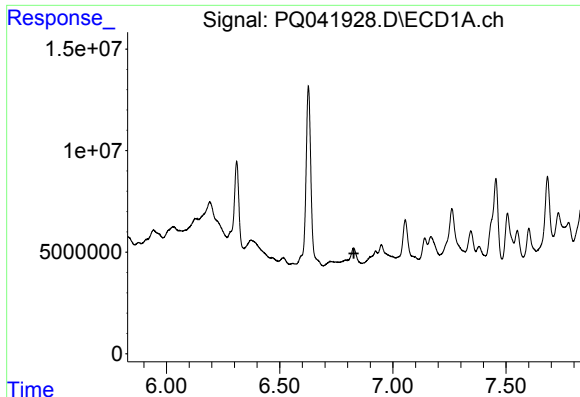
#11 AR-1232-1

R.T.: 6.192 min
Delta R.T.: 0.006 min
Response: 39312816
Conc: 726.45 ng/ml



#11 AR-1232-1

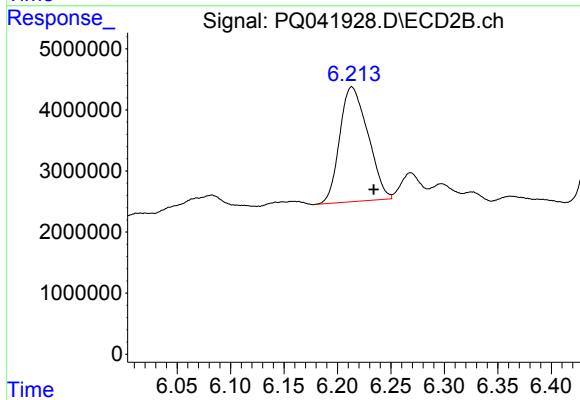
R.T.: 5.353 min
Delta R.T.: 0.066 min
Response: 72962828
Conc: 1511.00 ng/ml



#12 AR-1232-2

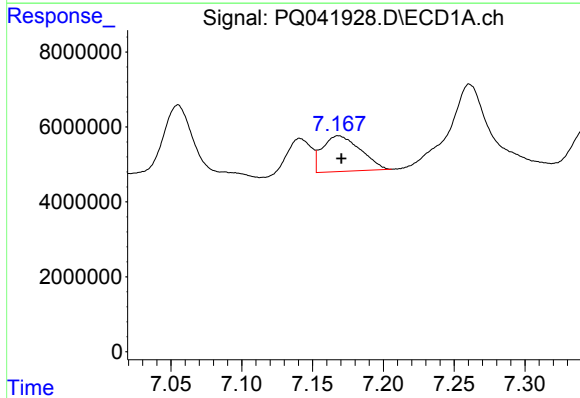
R.T.: 0.000 min
Exp R.T.: 6.828 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



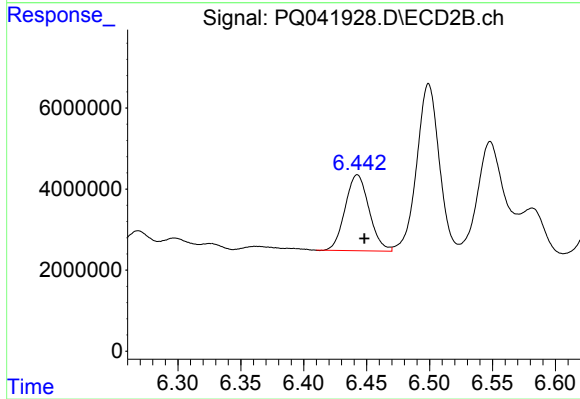
#12 AR-1232-2

R.T.: 6.213 min
Delta R.T.: -0.021 min
Response: 34467823
Conc: 604.40 ng/ml



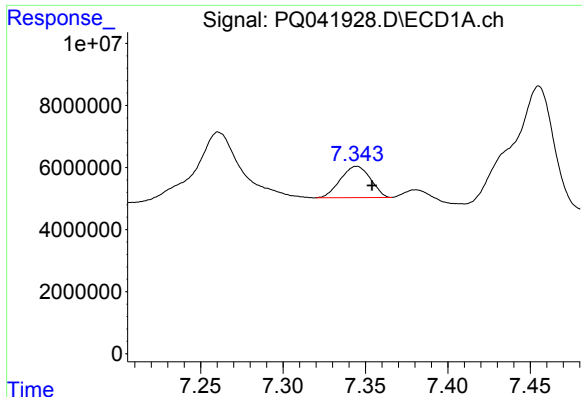
#13 AR-1232-3

R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 17791933
Conc: 266.49 ng/ml



#13 AR-1232-3

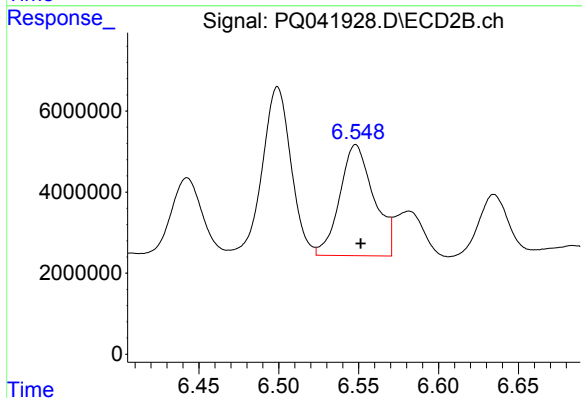
R.T.: 6.443 min
Delta R.T.: -0.005 min
Response: 24825449
Conc: 832.52 ng/ml



#14 AR-1232-4

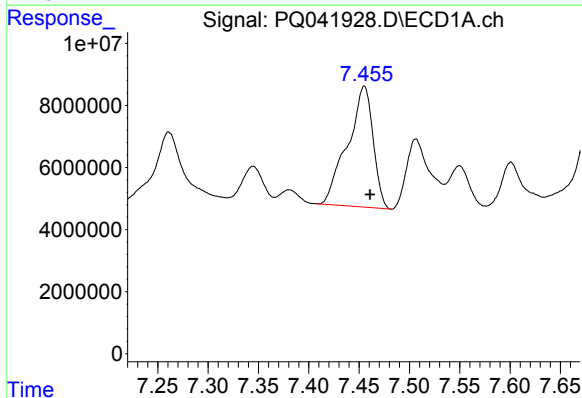
R.T.: 7.345 min
Delta R.T.: -0.009 min
Response: 12751649
Conc: 397.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



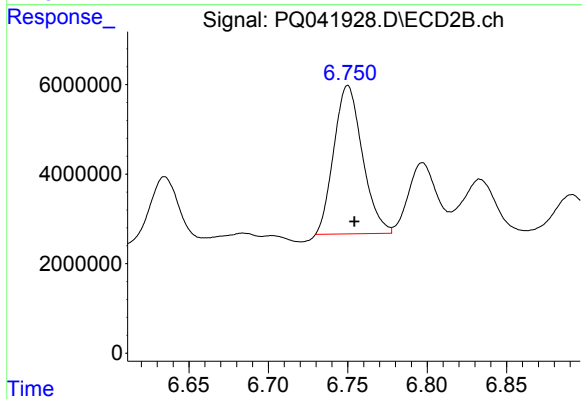
#14 AR-1232-4

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 40658618
Conc: 1522.98 ng/ml



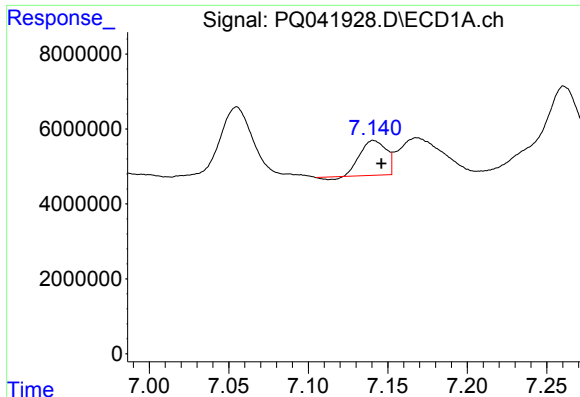
#15 AR-1232-5

R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 68582358
Conc: 3191.32 ng/ml



#15 AR-1232-5

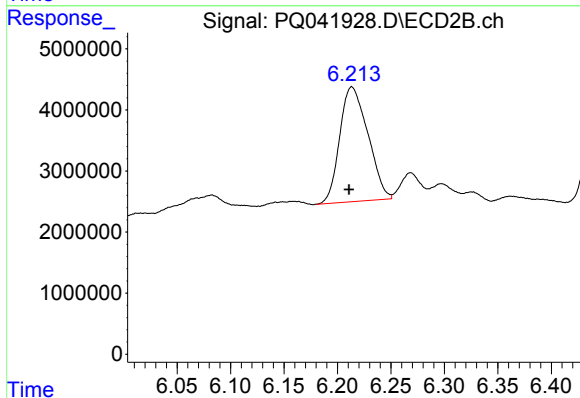
R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 41537480
Conc: 1416.40 ng/ml



#16 AR-1242-1

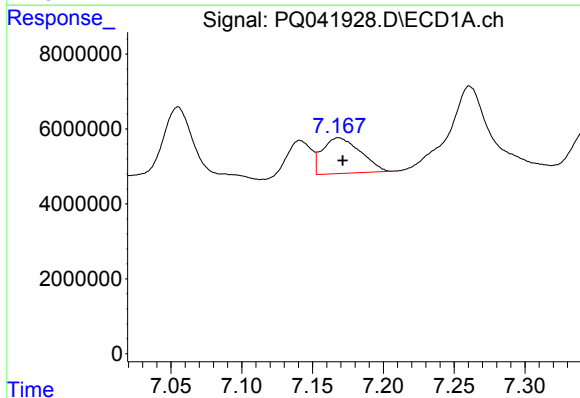
R.T.: 7.141 min
Delta R.T.: -0.005 min
Response: 10499083
Conc: 117.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



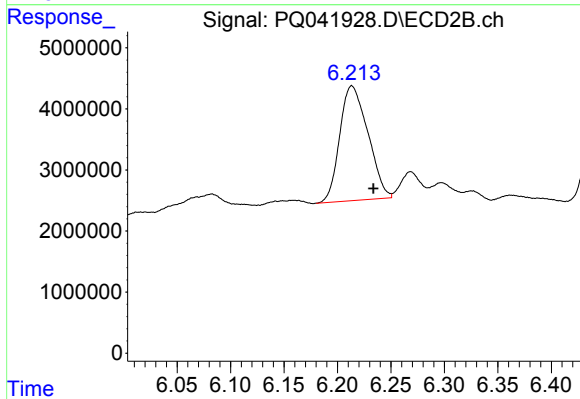
#16 AR-1242-1

R.T.: 6.213 min
Delta R.T.: 0.003 min
Response: 34467823
Conc: 421.16 ng/ml



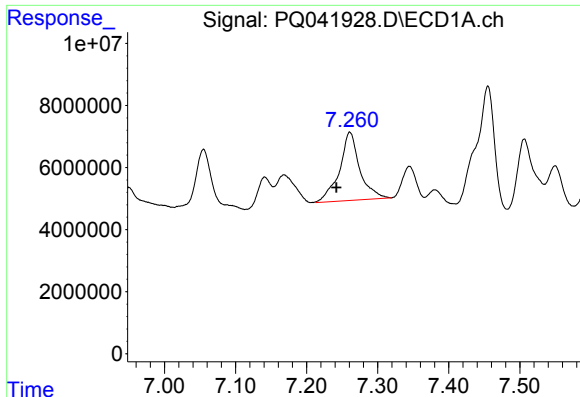
#17 AR-1242-2

R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 17791933
Conc: 138.36 ng/ml



#17 AR-1242-2

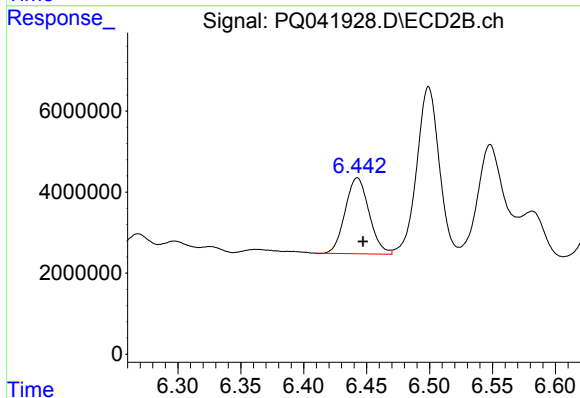
R.T.: 6.213 min
Delta R.T.: -0.020 min
Response: 34467823
Conc: 305.19 ng/ml



#18 AR-1242-3

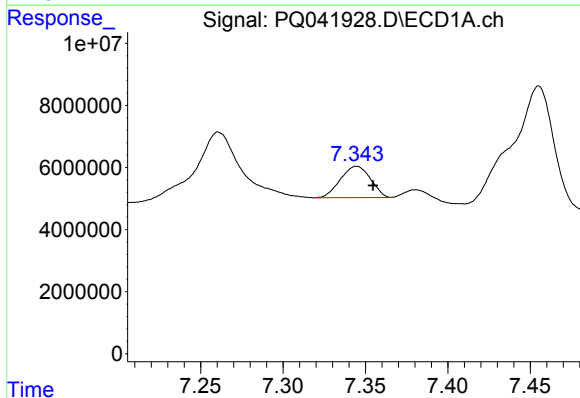
R.T.: 7.261 min
Delta R.T.: 0.019 min
Response: 43742341
Conc: 539.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



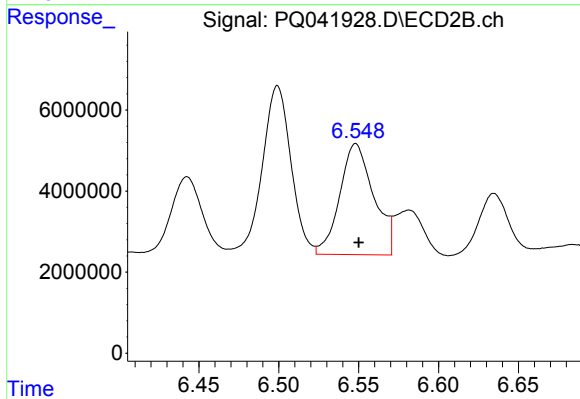
#18 AR-1242-3

R.T.: 6.443 min
Delta R.T.: -0.005 min
Response: 24825449
Conc: 420.25 ng/ml



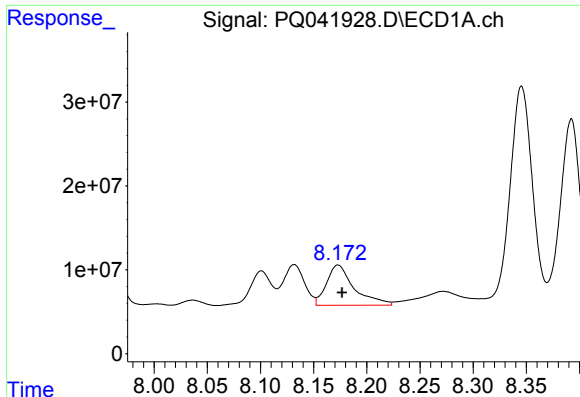
#19 AR-1242-4

R.T.: 7.345 min
Delta R.T.: -0.010 min
Response: 12751649
Conc: 198.35 ng/ml



#19 AR-1242-4

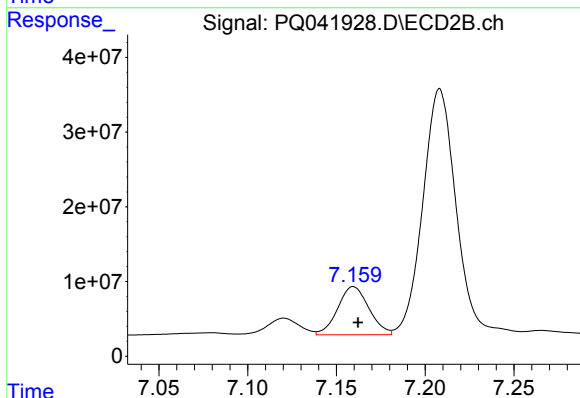
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 40658618
Conc: 685.67 ng/ml



#20 AR-1242-5

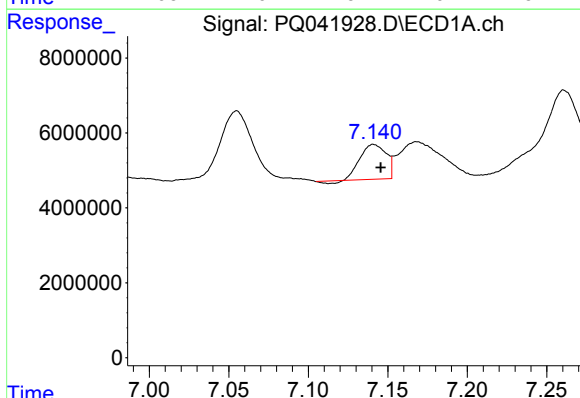
R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 86592534
Conc: 975.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



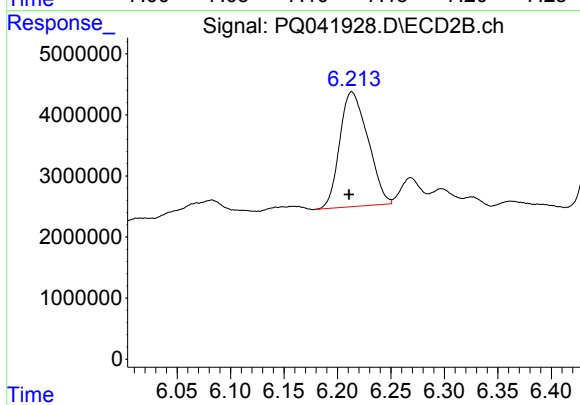
#20 AR-1242-5

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 78854377
Conc: 888.06 ng/ml



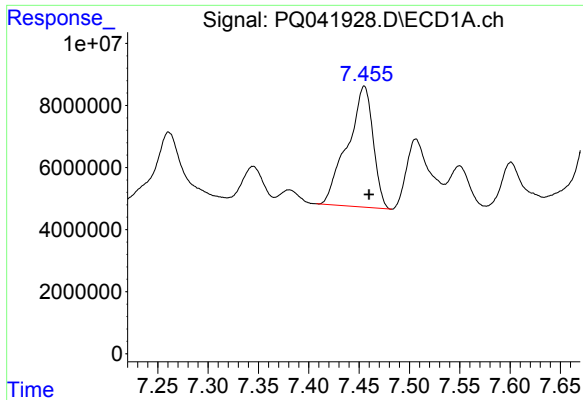
#21 AR-1248-1

R.T.: 7.141 min
Delta R.T.: -0.005 min
Response: 10499083
Conc: 141.62 ng/ml



#21 AR-1248-1

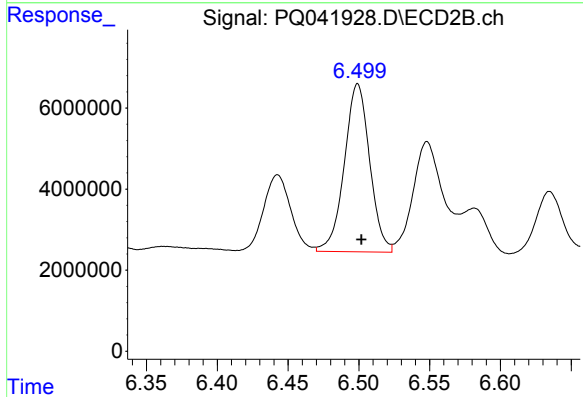
R.T.: 6.213 min
Delta R.T.: 0.003 min
Response: 34467823
Conc: 519.85 ng/ml



#22 AR-1248-2

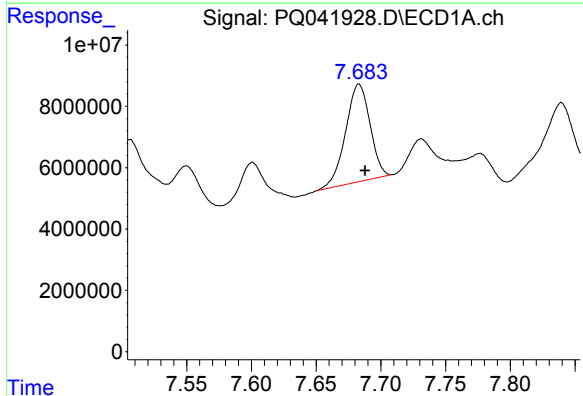
R.T.: 7.455 min
Delta R.T.: -0.005 min
Response: 68582358
Conc: 743.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



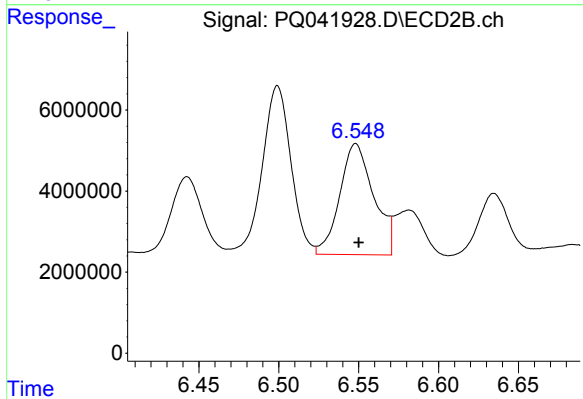
#22 AR-1248-2

R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 51639006
Conc: 592.27 ng/ml



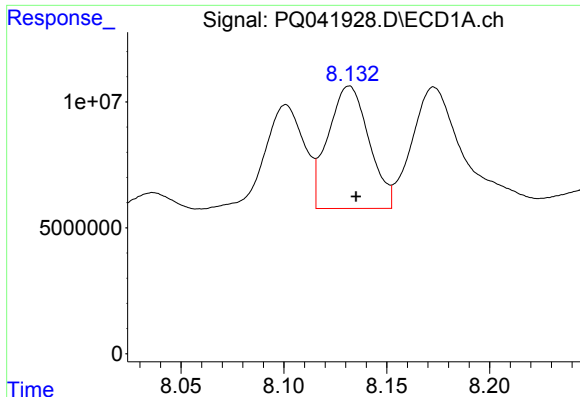
#23 AR-1248-3

R.T.: 7.683 min
Delta R.T.: -0.005 min
Response: 41731782
Conc: 372.47 ng/ml



#23 AR-1248-3

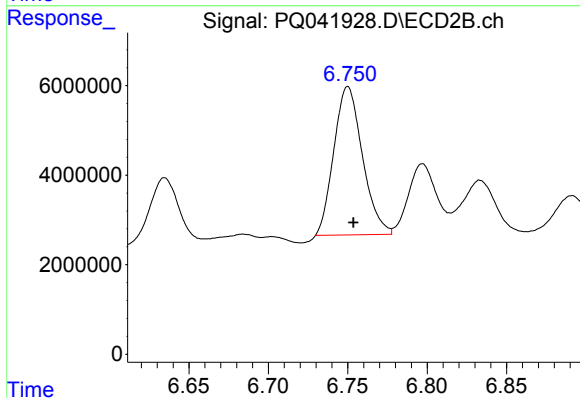
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 40658618
Conc: 455.53 ng/ml



#24 AR-1248-4

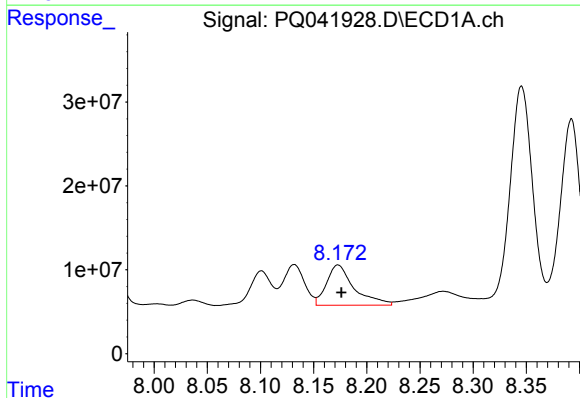
R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 67211630
Conc: 429.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



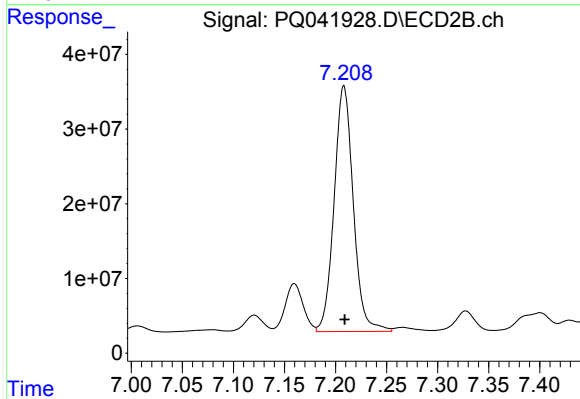
#24 AR-1248-4

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 41537480
Conc: 377.13 ng/ml



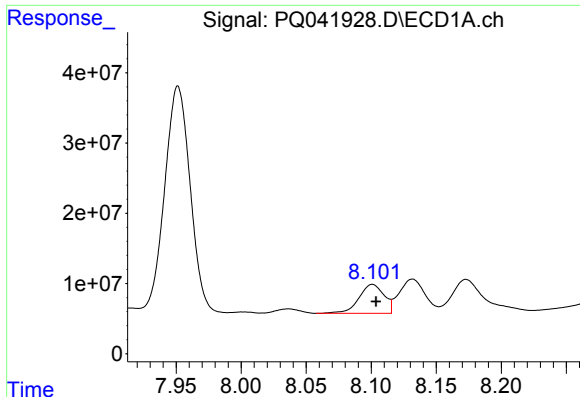
#25 AR-1248-5

R.T.: 8.173 min
Delta R.T.: -0.003 min
Response: 86592534
Conc: 572.24 ng/ml



#25 AR-1248-5

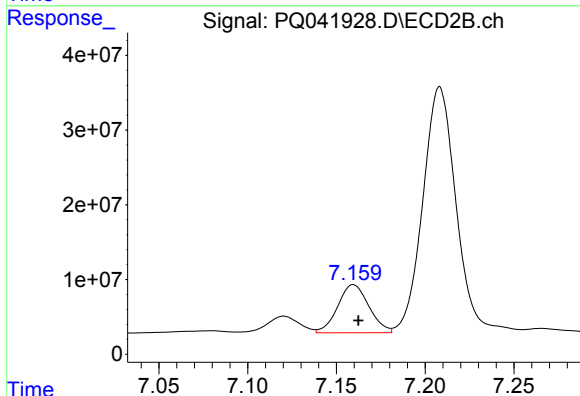
R.T.: 7.208 min
Delta R.T.: 0.000 min
Response: 429740194
Conc: 3352.77 ng/ml



#26 AR-1254-1

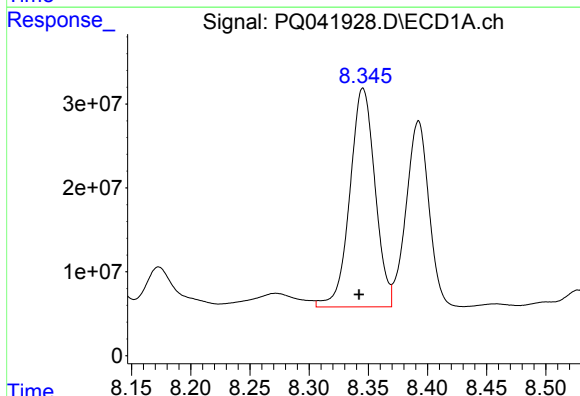
R.T.: 8.101 min
Delta R.T.: -0.003 min
Response: 55440935
Conc: 398.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



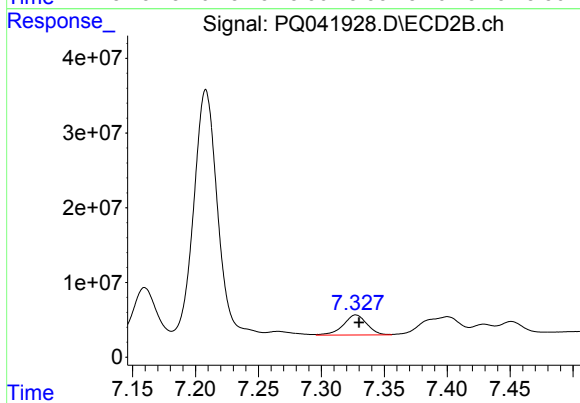
#26 AR-1254-1

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 78854377
Conc: 431.17 ng/ml



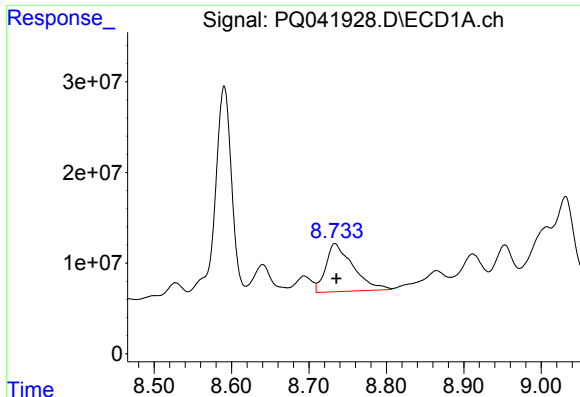
#27 AR-1254-2

R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 385149755
Conc: 1682.74 ng/ml



#27 AR-1254-2

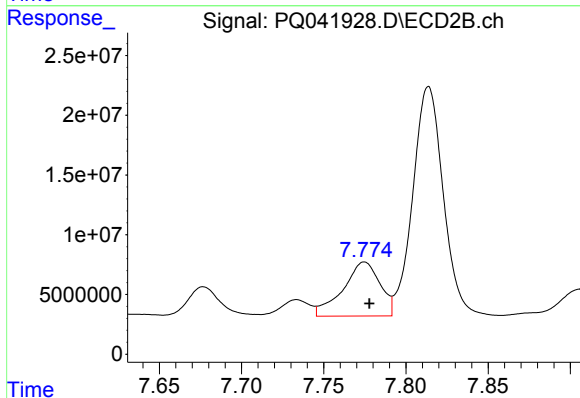
R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 35335902
Conc: 218.30 ng/ml



#28 AR-1254-3

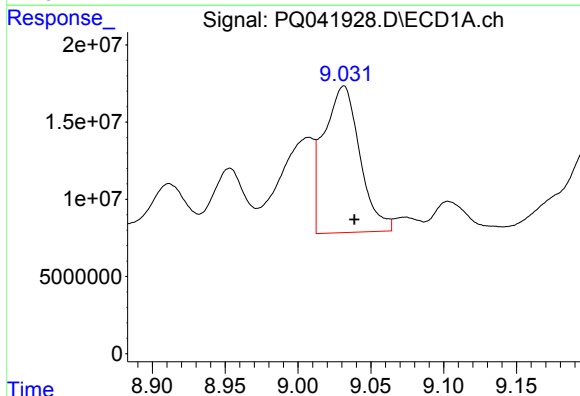
R.T.: 8.733 min
Delta R.T.: -0.002 min
Response: 129610878
Conc: 474.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



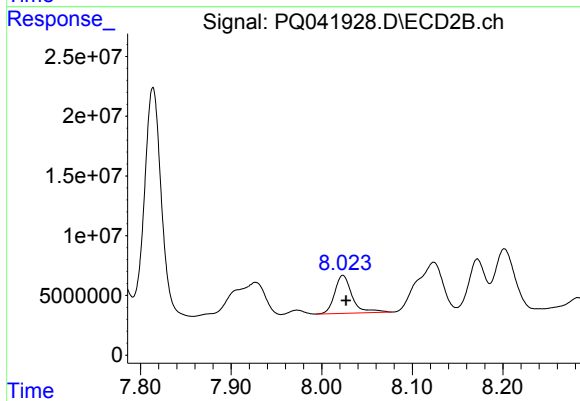
#28 AR-1254-3

R.T.: 7.775 min
Delta R.T.: -0.003 min
Response: 70785326
Conc: 245.44 ng/ml



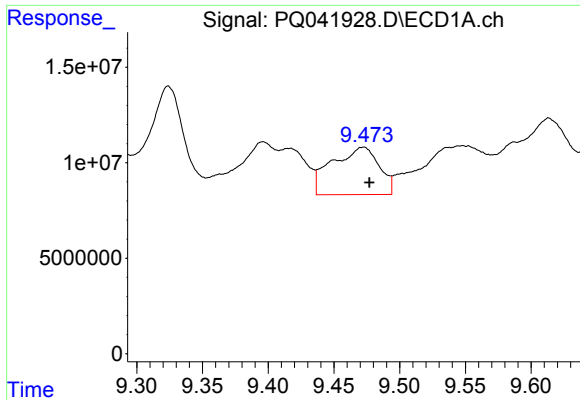
#29 AR-1254-4

R.T.: 9.031 min
Delta R.T.: -0.007 min
Response: 163063482
Conc: 662.39 ng/ml



#29 AR-1254-4

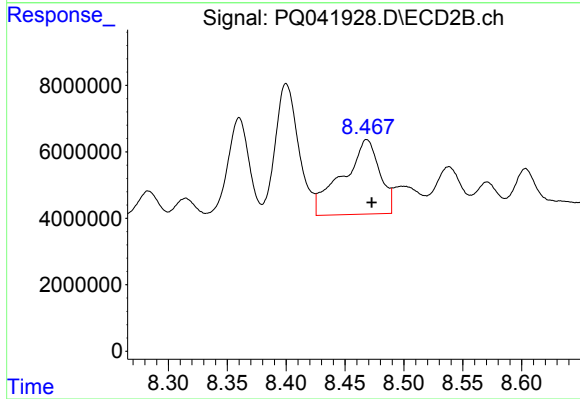
R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 42583439
Conc: 196.17 ng/ml



#30 AR-1254-5

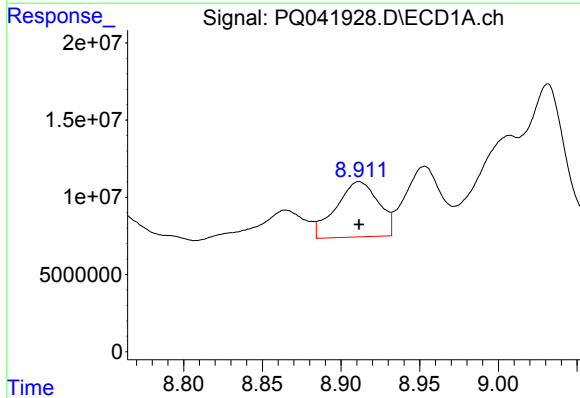
R.T.: 9.472 min
Delta R.T.: -0.005 min
Response: 61649138
Conc: 227.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



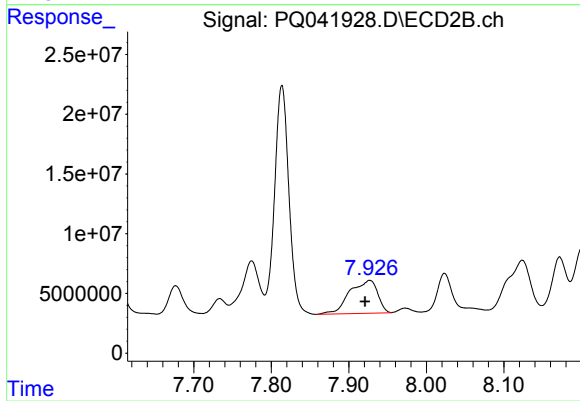
#30 AR-1254-5

R.T.: 8.468 min
Delta R.T.: -0.004 min
Response: 49301144
Conc: 163.92 ng/ml



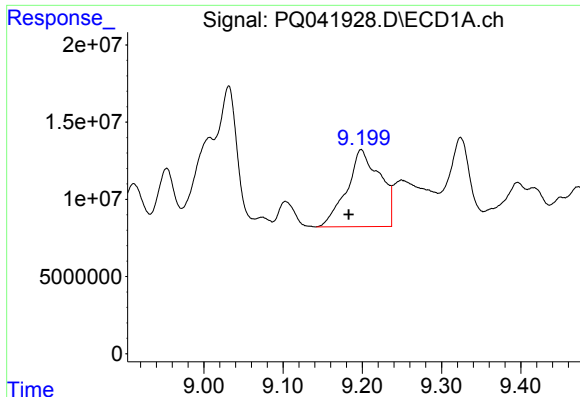
#31 AR-1260-1

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 67347846
Conc: 378.60 ng/ml



#31 AR-1260-1

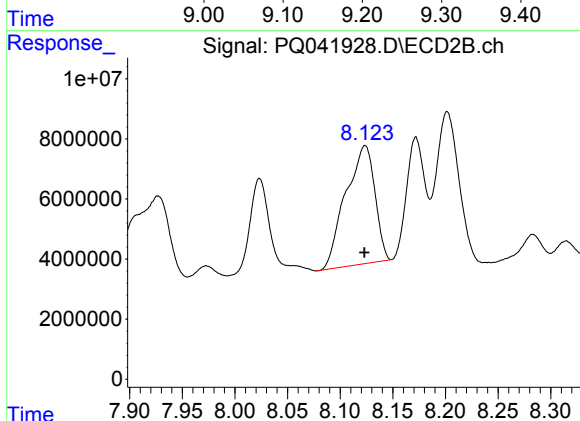
R.T.: 7.927 min
Delta R.T.: 0.006 min
Response: 69170248
Conc: 381.25 ng/ml



#32 AR-1260-2

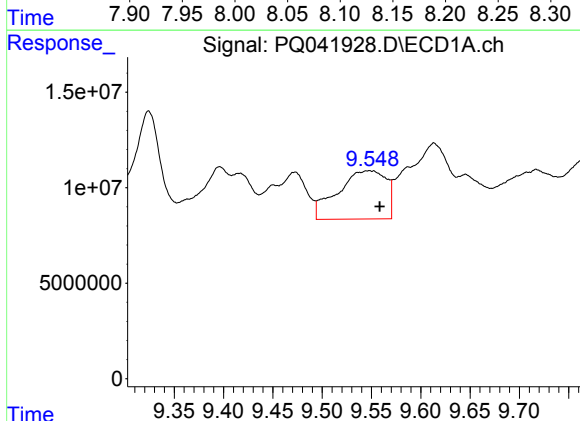
R.T.: 9.199 min
Delta R.T.: 0.016 min
Response: 145440649
Conc: 576.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



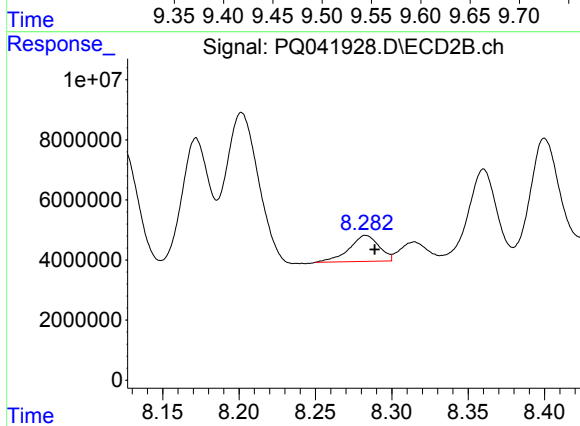
#32 AR-1260-2

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 75781133
Conc: 308.89 ng/ml



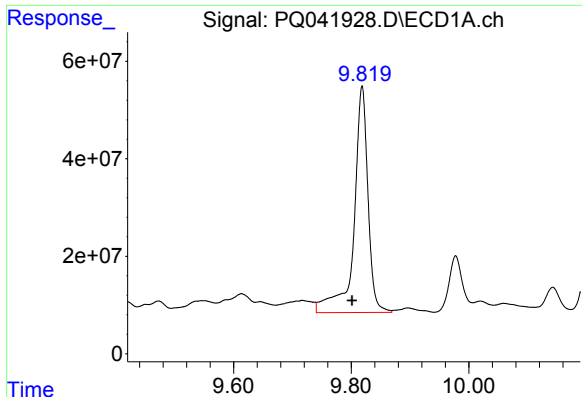
#33 AR-1260-3

R.T.: 9.547 min
Delta R.T.: -0.011 min
Response: 86531578
Conc: 377.65 ng/ml



#33 AR-1260-3

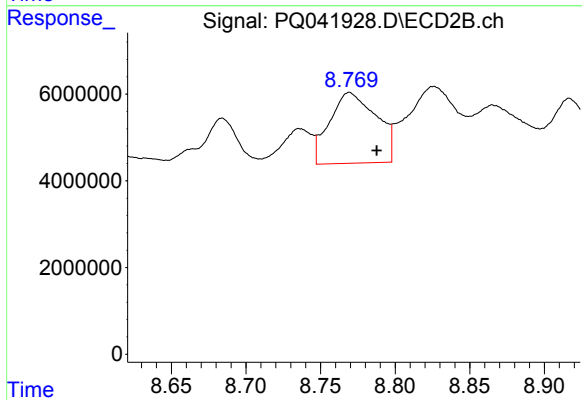
R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 11782437
Conc: 55.37 ng/ml



#34 AR-1260-4

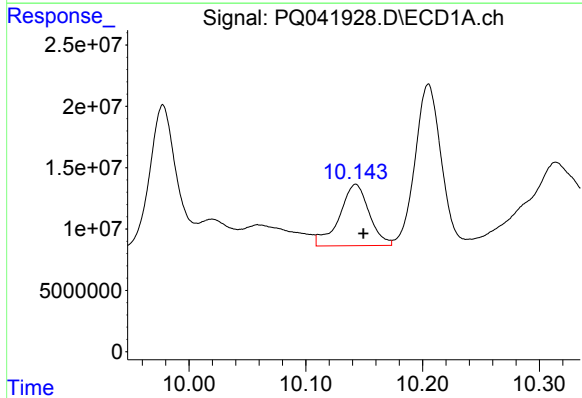
R.T.: 9.819 min
Delta R.T.: 0.017 min
Response: 77490035
Conc: 3034.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



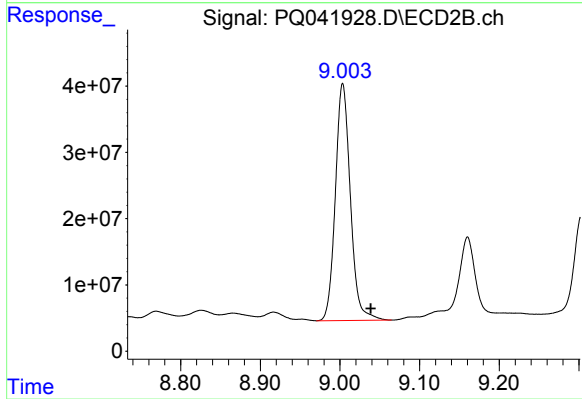
#34 AR-1260-4

R.T.: 8.769 min
Delta R.T.: -0.018 min
Response: 35628720
Conc: 176.13 ng/ml



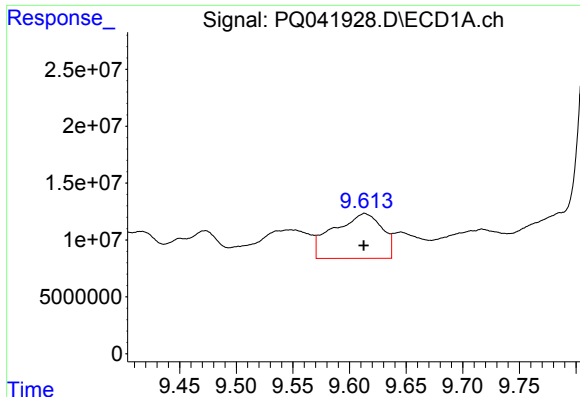
#35 AR-1260-5

R.T.: 10.143 min
Delta R.T.: -0.007 min
Response: 88737174
Conc: 131.74 ng/ml



#35 AR-1260-5

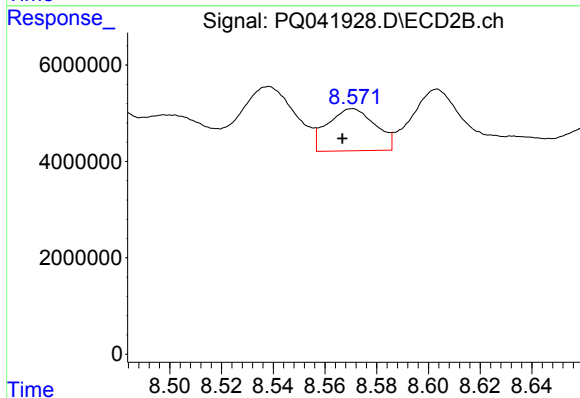
R.T.: 9.004 min
Delta R.T.: -0.035 min
Response: 468288570
Conc: 793.44 ng/ml



#36 AR-1262-1

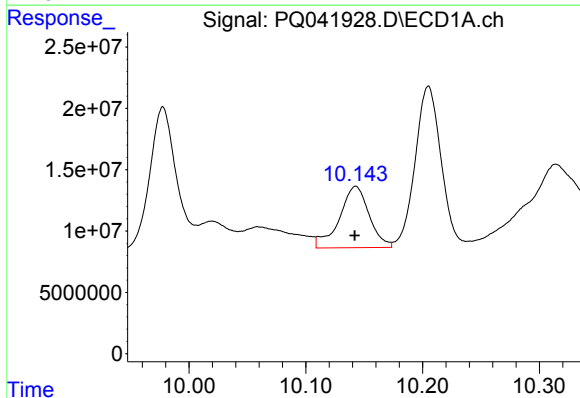
R.T.: 9.613 min
Delta R.T.: 0.000 min
Response: 117214409
Conc: 762.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



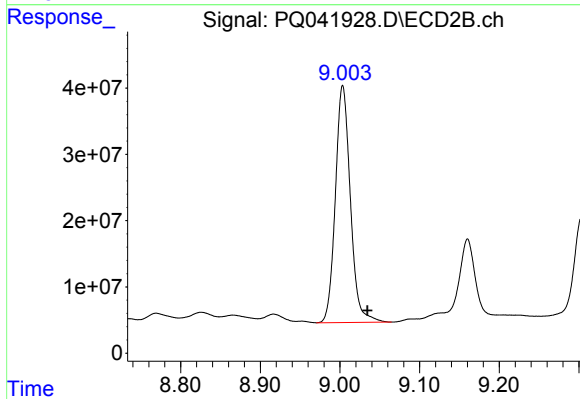
#36 AR-1262-1

R.T.: 8.571 min
Delta R.T.: 0.004 min
Response: 11186918
Conc: 77.98 ng/ml



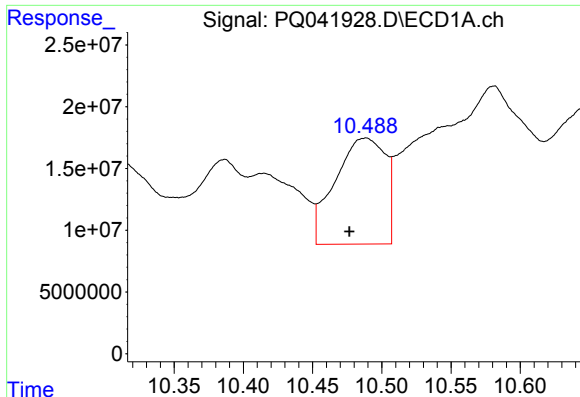
#37 AR-1262-2

R.T.: 10.143 min
Delta R.T.: 0.000 min
Response: 88737174
Conc: 101.37 ng/ml



#37 AR-1262-2

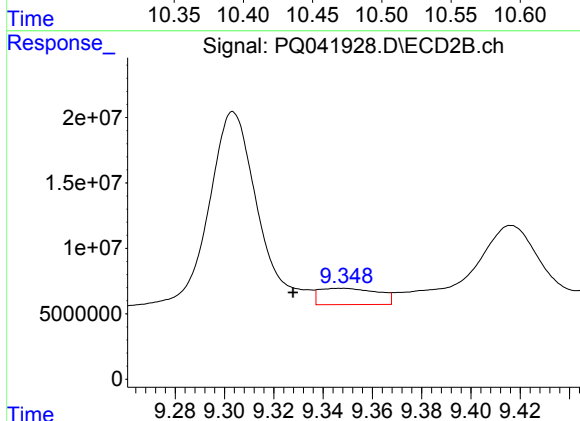
R.T.: 9.004 min
Delta R.T.: -0.031 min
Response: 468288570
Conc: 631.92 ng/ml



#38 AR-1262-3

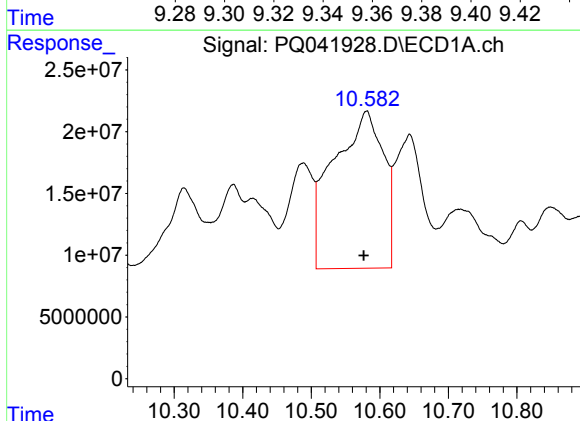
R.T.: 10.488 min
Delta R.T.: 0.012 min
Response: 216791231
Conc: 341.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



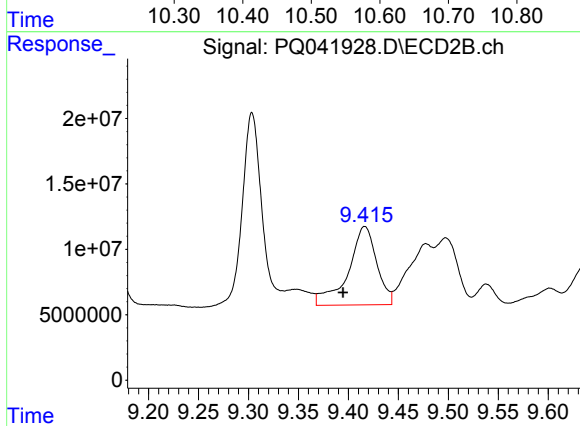
#38 AR-1262-3

R.T.: 9.348 min
Delta R.T.: 0.020 min
Response: 20555256
Conc: 64.97 ng/ml



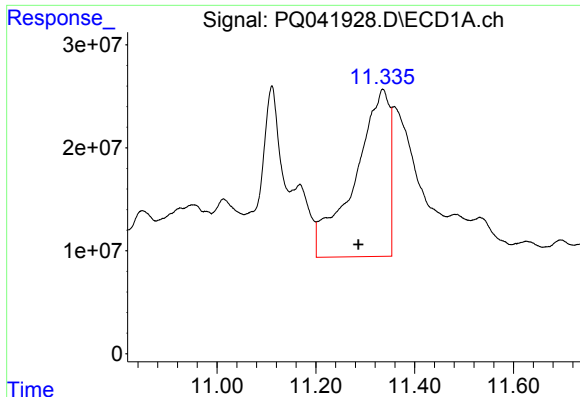
#39 AR-1262-4

R.T.: 10.581 min
Delta R.T.: 0.004 min
Response: 642921417
Conc: 1284.03 ng/ml



#39 AR-1262-4

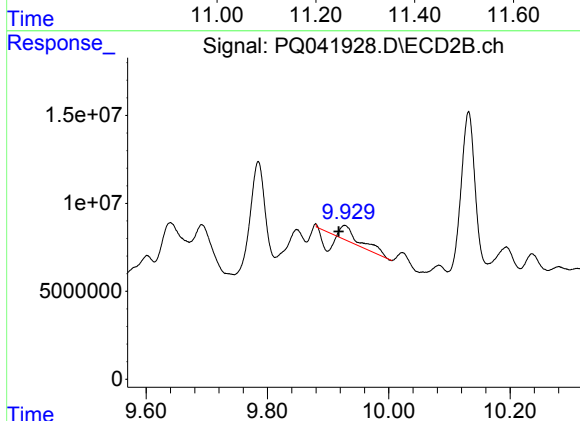
R.T.: 9.416 min
Delta R.T.: 0.022 min
Response: 118877512
Conc: 211.39 ng/ml



#40 AR-1262-5

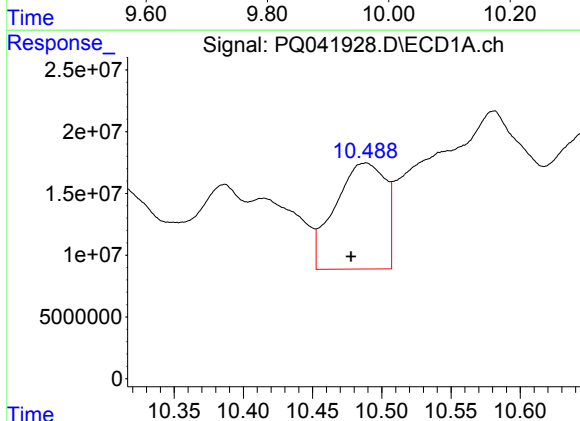
R.T.: 11.336 min
Delta R.T.: 0.049 min
Response: 794123678
Conc: 1950.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



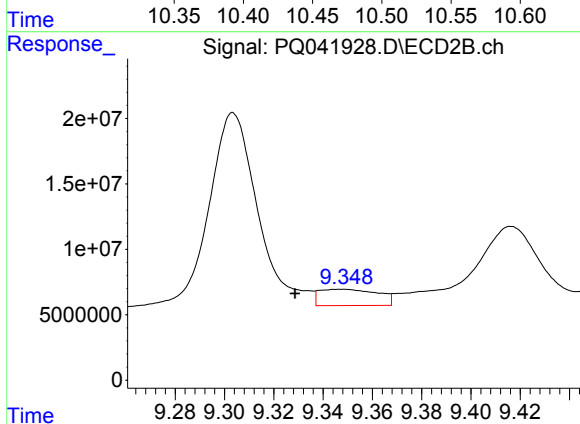
#40 AR-1262-5

R.T.: 9.927 min
Delta R.T.: 0.010 min
Response: 8530323
Conc: 29.87 ng/ml



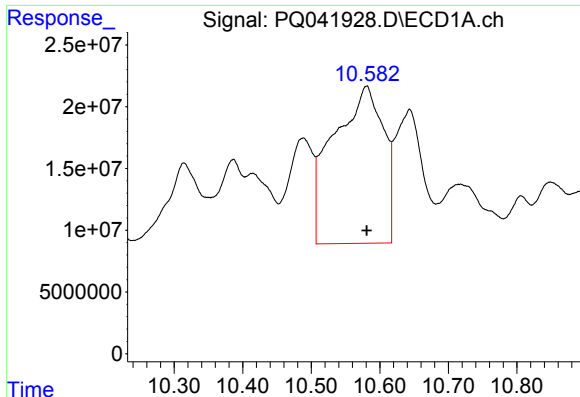
#41 AR-1268-1

R.T.: 10.488 min
Delta R.T.: 0.011 min
Response: 216791231
Conc: 152.18 ng/ml



#41 AR-1268-1

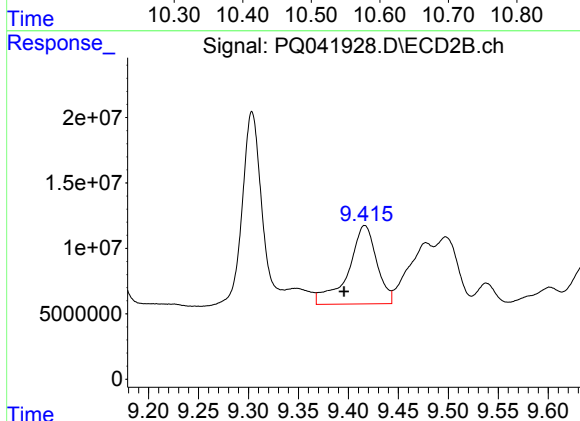
R.T.: 9.348 min
Delta R.T.: 0.019 min
Response: 20555256
Conc: 17.98 ng/ml



#42 AR-1268-2

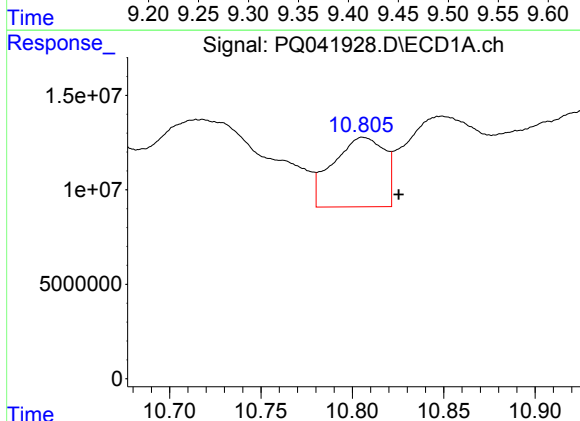
R.T.: 10.581 min
Delta R.T.: 0.000 min
Response: 642921417
Conc: 487.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



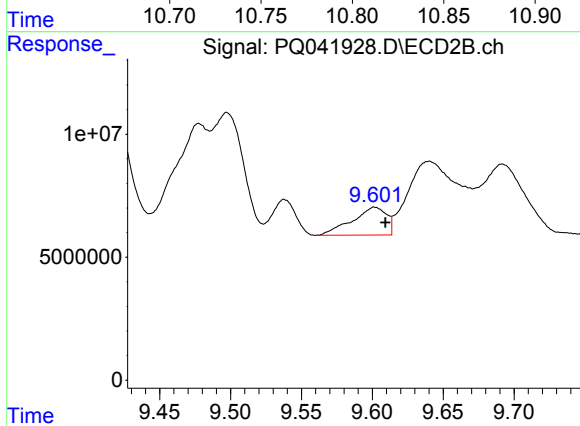
#42 AR-1268-2

R.T.: 9.416 min
Delta R.T.: 0.021 min
Response: 118877512
Conc: 115.80 ng/ml



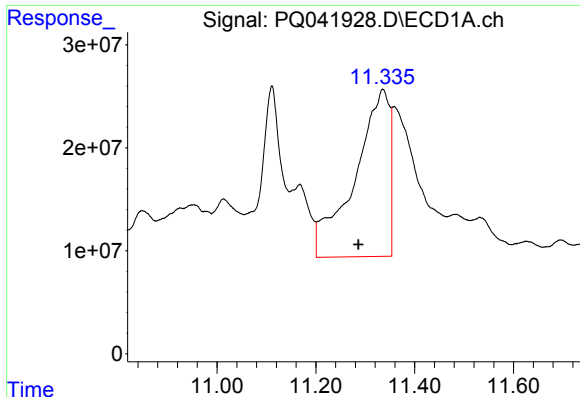
#43 AR-1268-3

R.T.: 10.806 min
Delta R.T.: -0.020 min
Response: 72379303
Conc: 61.86 ng/ml



#43 AR-1268-3

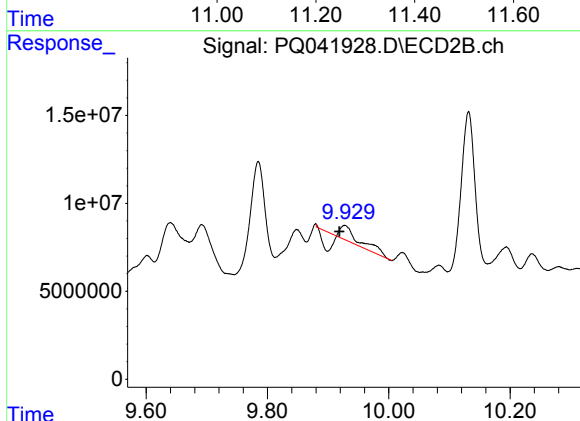
R.T.: 9.602 min
Delta R.T.: -0.008 min
Response: 19067558
Conc: 21.94 ng/ml



#44 AR-1268-4

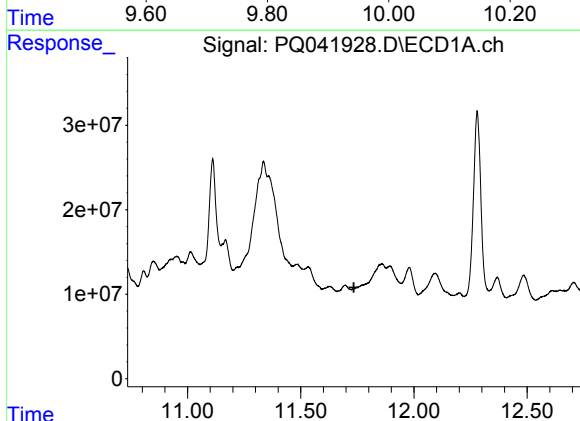
R.T.: 11.336 min
Delta R.T.: 0.049 min
Response: 794123678
Conc: 1458.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENP1DL2



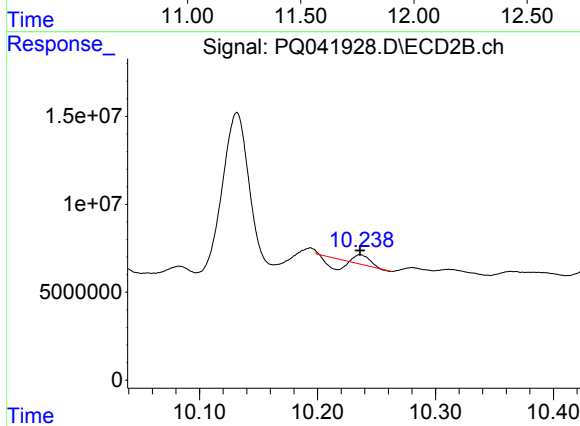
#44 AR-1268-4

R.T.: 9.927 min
Delta R.T.: 0.009 min
Response: 8530323
Conc: 22.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.735 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 647374
Conc: 0.25 ng/ml