

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 20:52
 Operator : SM\AJ
 Sample : K3850-06DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:03:24 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	4.757	0	7638220	N.D.	3.963 #
2)	SA Decachlor...	12.096	10.513	73754257	44725191	8.748	9.246
Target Compounds							
3)	L1 AR-1016-1	7.143	6.208	46832536	45622657	433.297	439.655
4)	L1 AR-1016-2	7.170	6.231	60777235	41205596	388.284	287.609 #
5)	L1 AR-1016-3	7.242	6.447	21686221	34096076	224.198	457.223 #
6)	L1 AR-1016-4	7.349	6.499	34698464	141.8E6	444.771	2286.731 #
7)	L1 AR-1016-5	7.686	6.751	164.9E6	157.6E6	2097.632	1936.384
10)	L2 AR-1221-3	0.000	5.283	0	3538567	N.D.	64.890 #
11)	L3 AR-1232-1	0.000	5.283	0	3538567	N.D.	73.281 #
12)	L3 AR-1232-2	6.828	6.231	21938051	41205596	667.689	722.553
13)	L3 AR-1232-3	7.170	6.447	60777235	34096076	910.337	1143.415 #
14)	L3 AR-1232-4	7.349	6.548	34698464	139.7E6	1081.737	5232.800 #
15)	L3 AR-1232-5	7.457	6.751	139.8E6	157.6E6	6505.976	5375.006
16)	L4 AR-1242-1	7.143	6.208	46832536	45622657	523.566	557.463
17)	L4 AR-1242-2	7.170	6.231	60777235	41205596	472.638	364.852
18)	L4 AR-1242-3	7.242	6.447	21686221	34096076	267.446	577.189 #
19)	L4 AR-1242-4	7.349	6.548	34698464	139.7E6	539.738	2355.899 #
20)	L4 AR-1242-5	8.175	7.160	255.2E6	337.0E6	2876.765	3795.125 #
21)	L5 AR-1248-1	7.143	6.208	46832536	45622657	631.710	688.084
22)	L5 AR-1248-2	7.457	6.499	139.8E6	141.8E6	1515.395	1626.386
23)	L5 AR-1248-3	7.686	6.548	164.9E6	139.7E6	1471.736	1565.148
24)	L5 AR-1248-4	8.134	6.751	237.0E6	157.6E6	1515.855	1431.144
25)	L5 AR-1248-5	8.175	7.207	255.2E6	214.0E6	1686.743	1669.236
26)	L6 AR-1254-1	8.102	7.160	211.0E6	337.0E6	1516.733	1842.611
27)	L6 AR-1254-2	8.345	7.328	317.8E6	134.5E6	1388.595	831.146 #
28)	L6 AR-1254-3	8.736	7.776	256.2E6	277.1E6	937.042	960.786
29)	L6 AR-1254-4	9.038	8.024	216.6E6	203.9E6	879.998	939.505
30)	L6 AR-1254-5	9.476	8.471	97874285	91055146	361.366	302.742
31)	L7 AR-1260-1	8.909	7.932	48003156	133.8E6	269.854	737.719 #
32)	L7 AR-1260-2	9.178	8.120	65428976	49833548	259.356	203.124
33)	L7 AR-1260-3	9.551	8.285	32285594	52722403	140.903	247.782 #
34)	L7 AR-1260-4	9.789	8.783	58160361	22402351	227.774	110.744 #
35)	L7 AR-1260-5	10.143	9.034	72033578	76037719	106.940	128.834
36)	L8 AR-1262-1	9.614	8.566	10813687	13984000	70.358	97.473 #
37)	L8 AR-1262-2	10.143	9.034	72033578	76037719	82.285	102.608
38)	L8 AR-1262-3	10.497	9.328	70698349	24836543	111.334	78.504 #
39)	L8 AR-1262-4	10.578	9.394	65198245	50297100	130.212	89.438 #
40)	L8 AR-1262-5	11.289	9.918	28238486	22370037	69.363	78.325
41)	L9 AR-1268-1	10.497	9.328	70698349	24836543	49.628	21.726 #
42)	L9 AR-1268-2	10.578	9.394	65198245	50297100	49.433	48.996
43)	L9 AR-1268-3	0.000	9.608	0	2899646	N.D.	3.337 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 20:52
 Operator : SM\AJ
 Sample : K3850-06DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

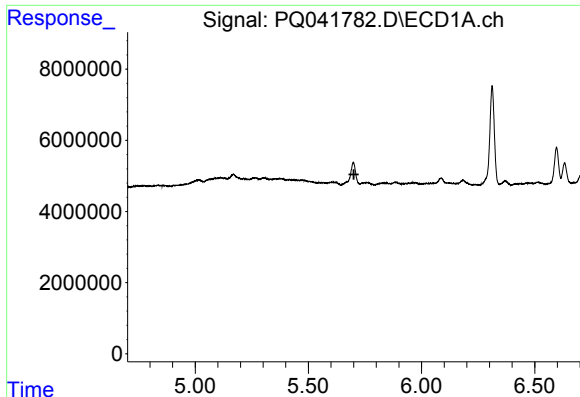
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:03:24 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
44) L9	AR-1268-4	11.289	9.918	28238486	22370037	51.869	58.154
45) L9	AR-1268-5	11.734	10.235	18648815	12671454	4.601	4.878

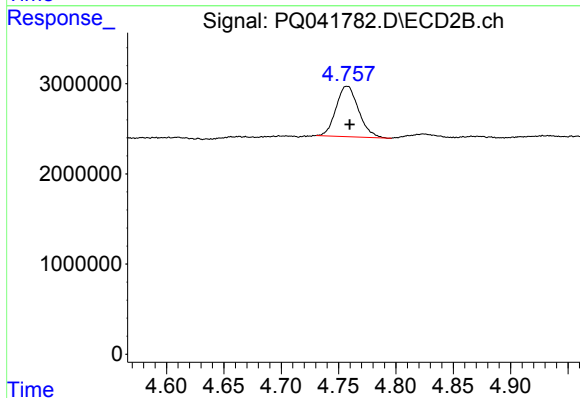
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

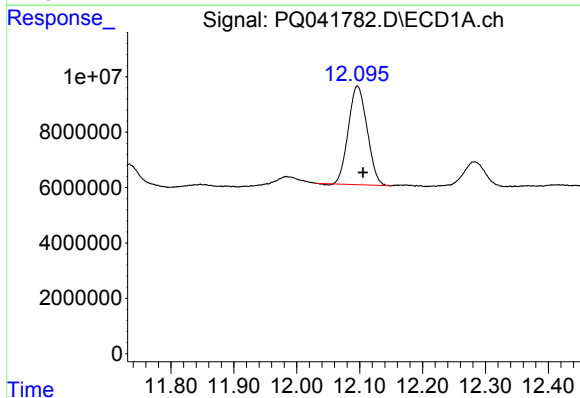
R.T.: 0.000 min
Exp R.T.: 5.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



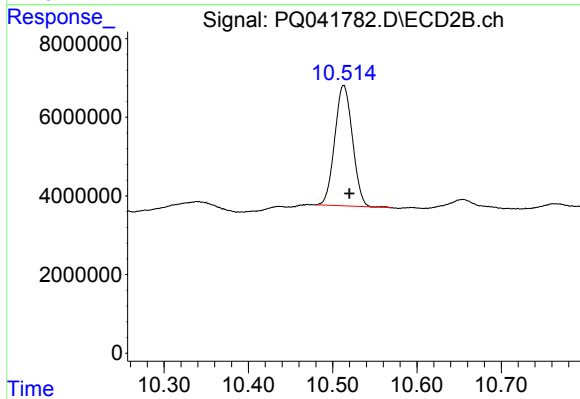
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 7638220
Conc: 3.96 ng/ml



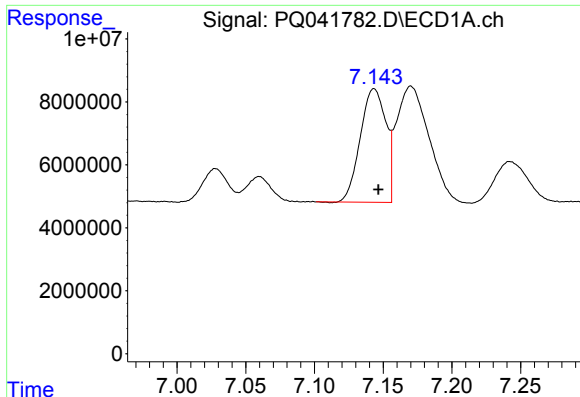
#2 Decachlorobiphenyl

R.T.: 12.096 min
Delta R.T.: -0.009 min
Response: 73754257
Conc: 8.75 ng/ml



#2 Decachlorobiphenyl

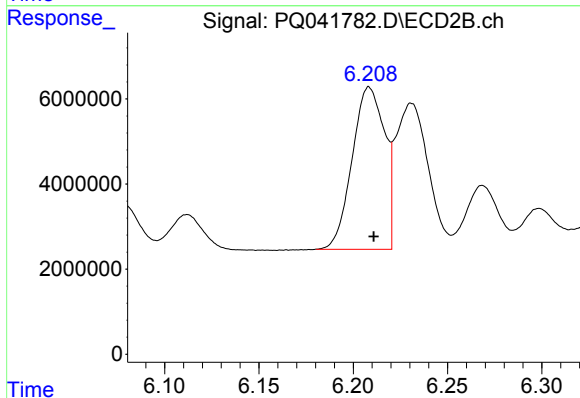
R.T.: 10.513 min
Delta R.T.: -0.007 min
Response: 44725191
Conc: 9.25 ng/ml



#3 AR-1016-1

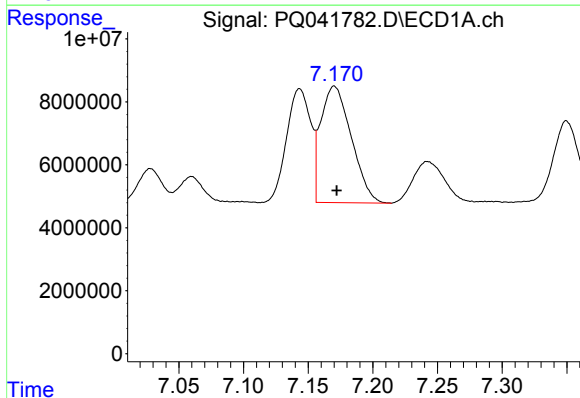
R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 46832536
Conc: 433.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



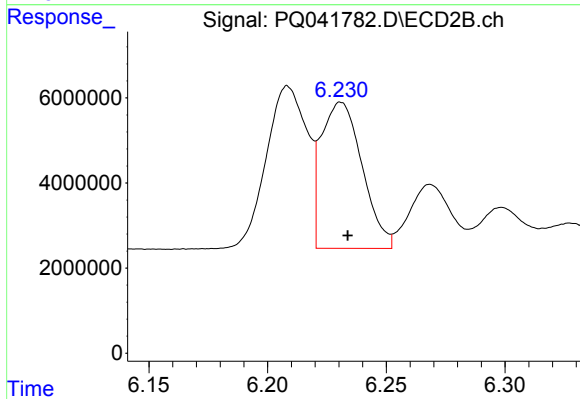
#3 AR-1016-1

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 45622657
Conc: 439.65 ng/ml



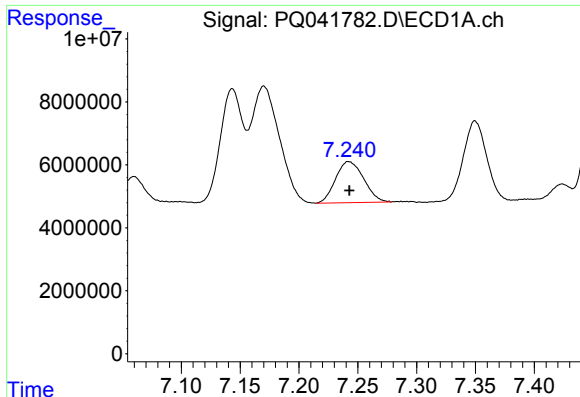
#4 AR-1016-2

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 60777235
Conc: 388.28 ng/ml



#4 AR-1016-2

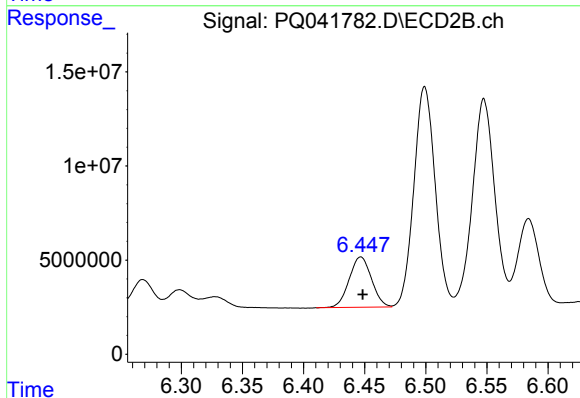
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 41205596
Conc: 287.61 ng/ml



#5 AR-1016-3

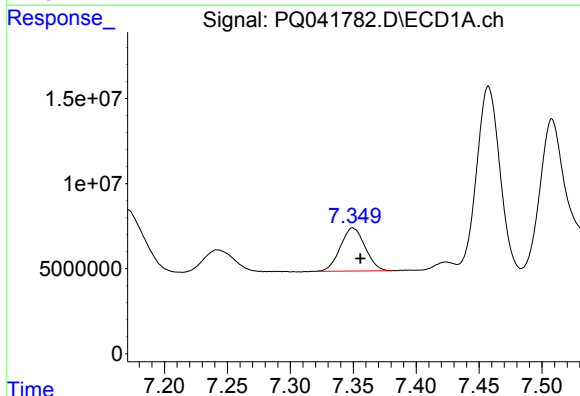
R.T.: 7.242 min
Delta R.T.: -0.001 min
Response: 21686221
Conc: 224.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



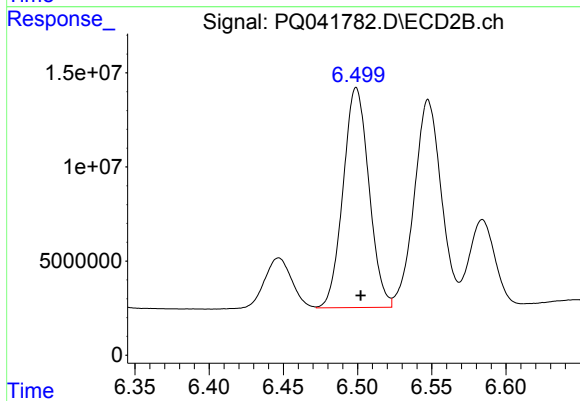
#5 AR-1016-3

R.T.: 6.447 min
Delta R.T.: -0.002 min
Response: 34096076
Conc: 457.22 ng/ml



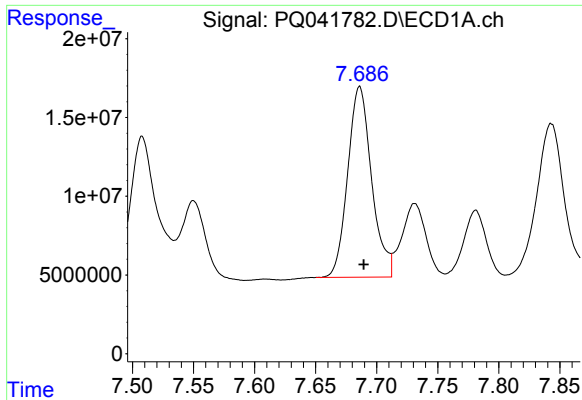
#6 AR-1016-4

R.T.: 7.349 min
Delta R.T.: -0.006 min
Response: 34698464
Conc: 444.77 ng/ml



#6 AR-1016-4

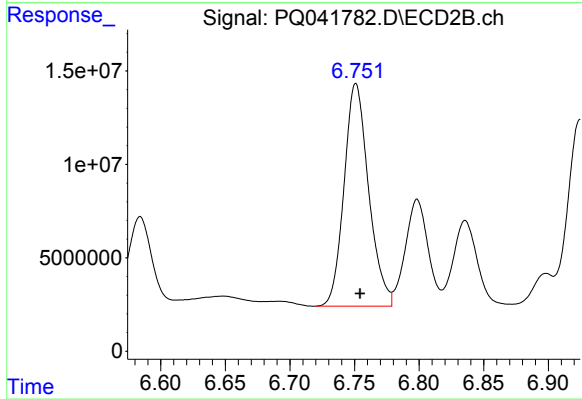
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 141800858
Conc: 2286.73 ng/ml



#7 AR-1016-5

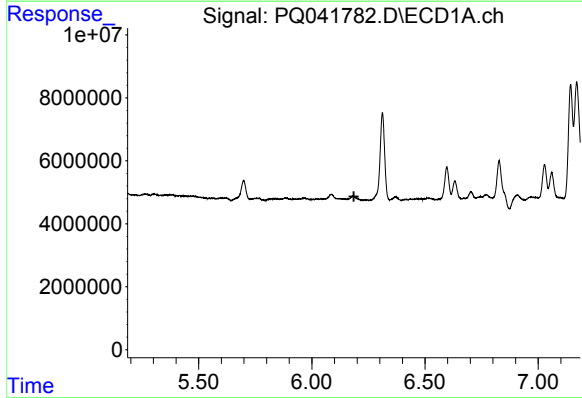
R.T.: 7.686 min
Delta R.T.: -0.003 min
Response: 164895243
Conc: 2097.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



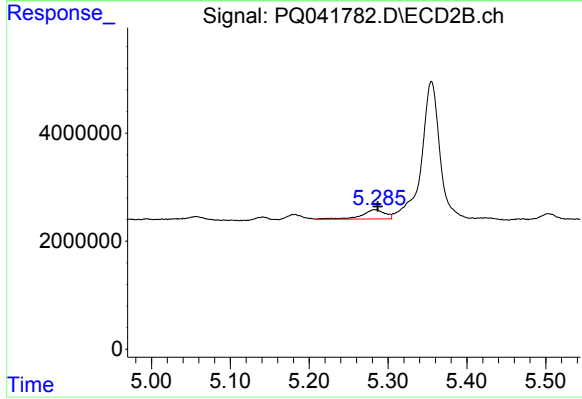
#7 AR-1016-5

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 157628195
Conc: 1936.38 ng/ml



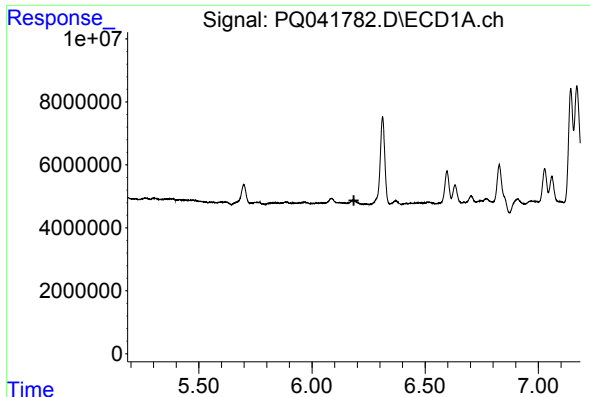
#10 AR-1221-3

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



#10 AR-1221-3

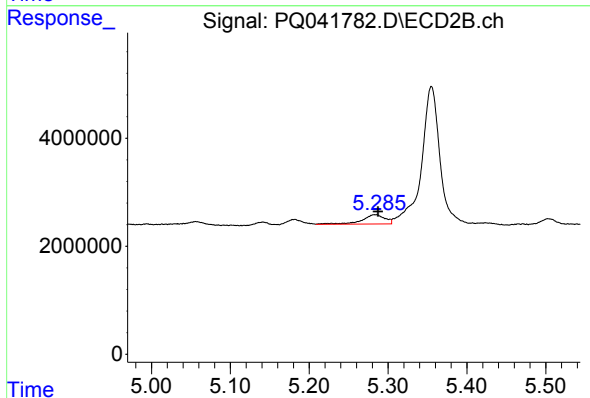
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 3538567
Conc: 64.89 ng/ml



#11 AR-1232-1

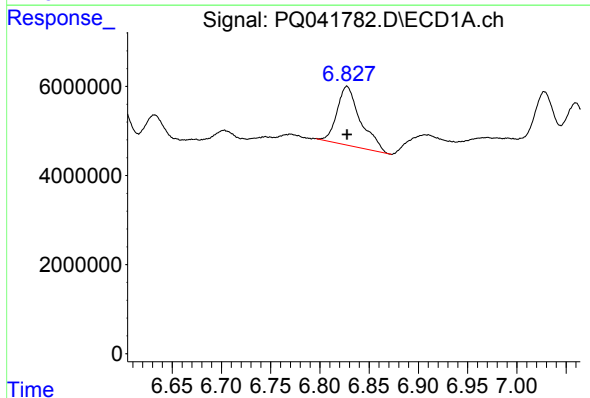
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



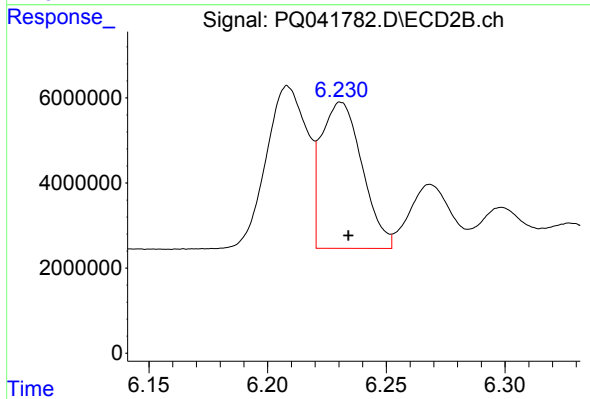
#11 AR-1232-1

R.T.: 5.283 min
Delta R.T.: -0.005 min
Response: 3538567
Conc: 73.28 ng/ml



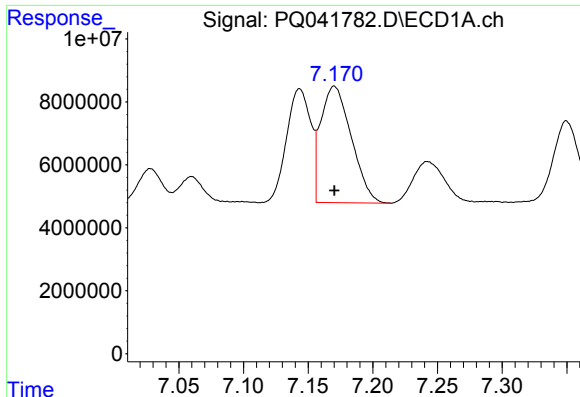
#12 AR-1232-2

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 21938051
Conc: 667.69 ng/ml



#12 AR-1232-2

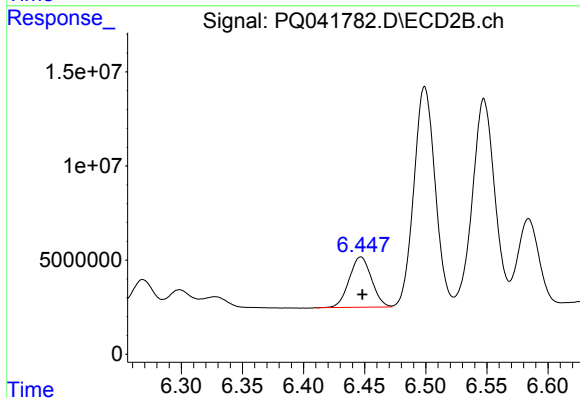
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 41205596
Conc: 722.55 ng/ml



#13 AR-1232-3

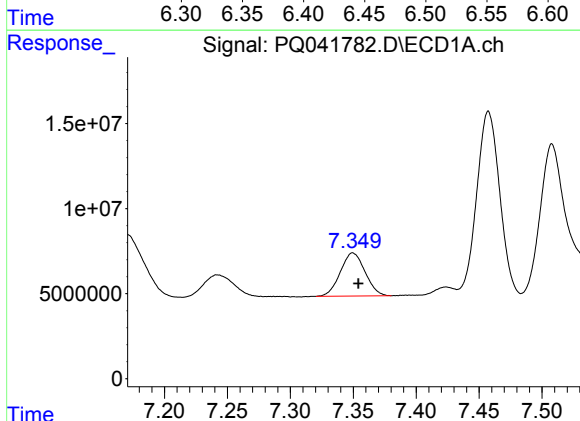
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 60777235
Conc: 910.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



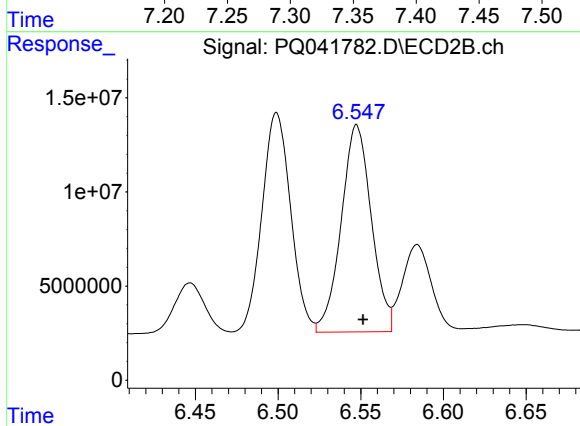
#13 AR-1232-3

R.T.: 6.447 min
Delta R.T.: -0.001 min
Response: 34096076
Conc: 1143.41 ng/ml



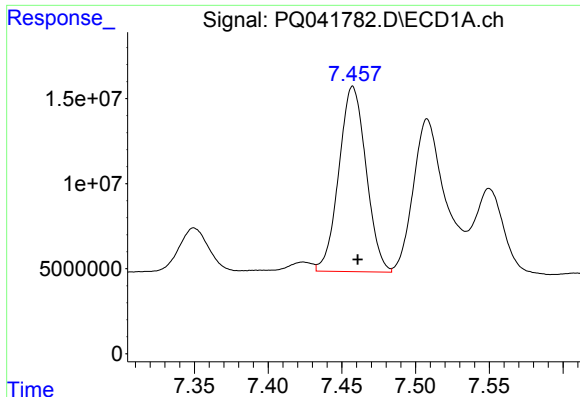
#14 AR-1232-4

R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 34698464
Conc: 1081.74 ng/ml



#14 AR-1232-4

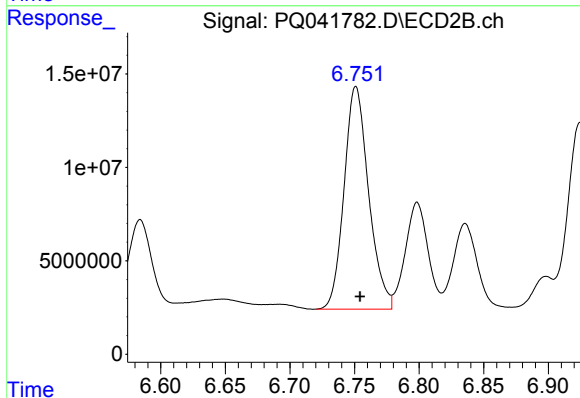
R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 139698428
Conc: 5232.80 ng/ml



#15 AR-1232-5

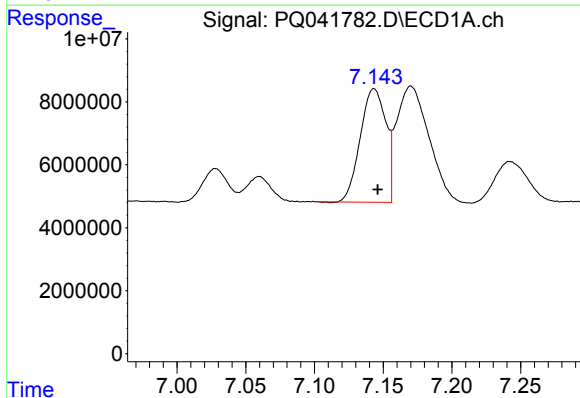
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 139815184
Conc: 6505.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



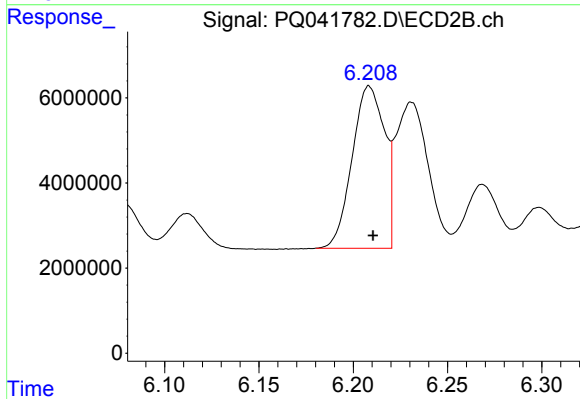
#15 AR-1232-5

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 157628195
Conc: 5375.01 ng/ml



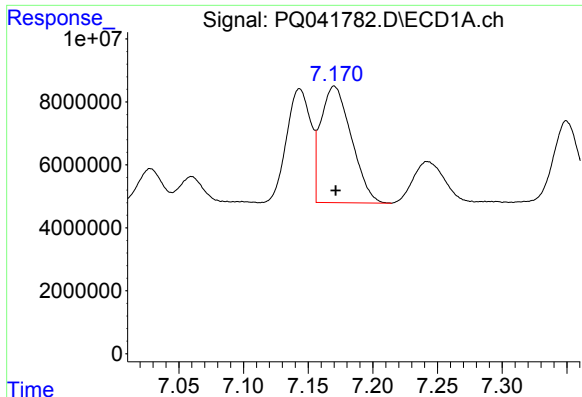
#16 AR-1242-1

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 46832536
Conc: 523.57 ng/ml



#16 AR-1242-1

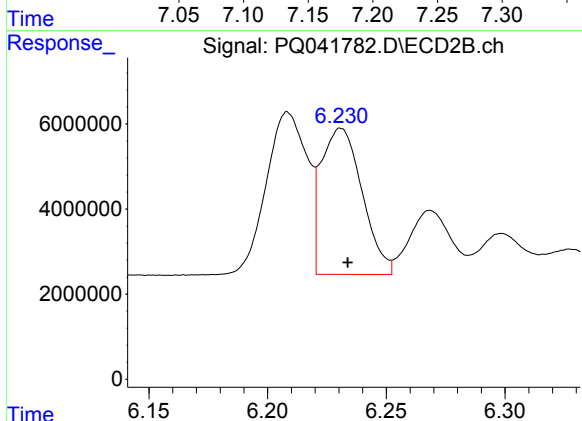
R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 45622657
Conc: 557.46 ng/ml



#17 AR-1242-2

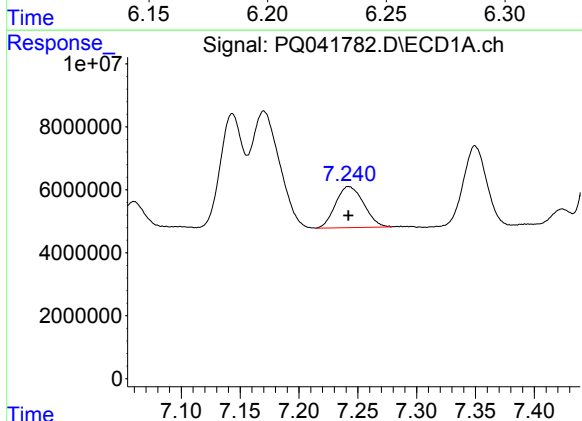
R.T.: 7.170 min
Delta R.T.: -0.001 min
Response: 60777235
Conc: 472.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



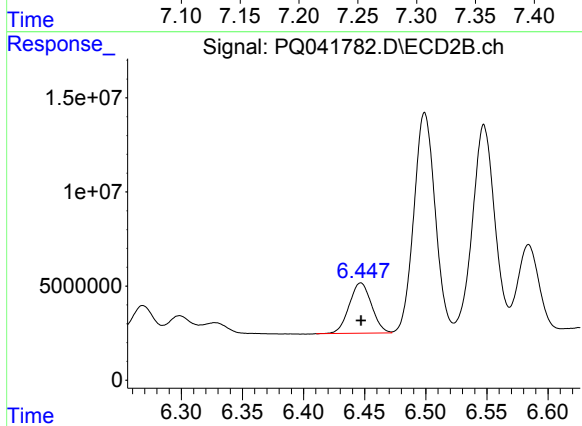
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 41205596
Conc: 364.85 ng/ml



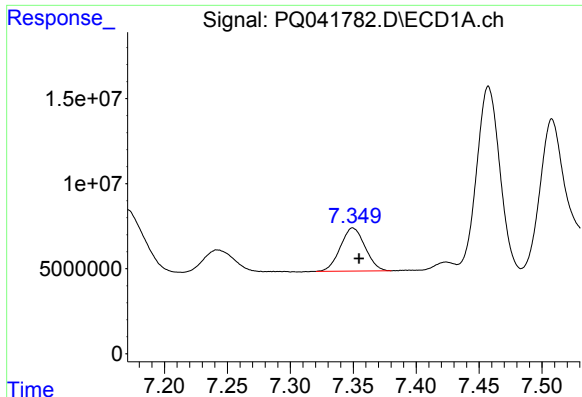
#18 AR-1242-3

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 21686221
Conc: 267.45 ng/ml



#18 AR-1242-3

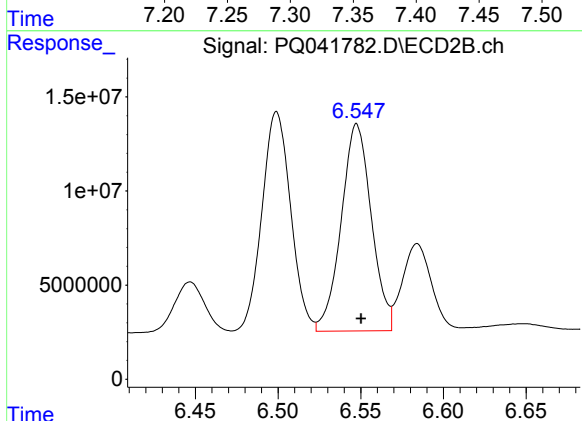
R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 34096076
Conc: 577.19 ng/ml



#19 AR-1242-4

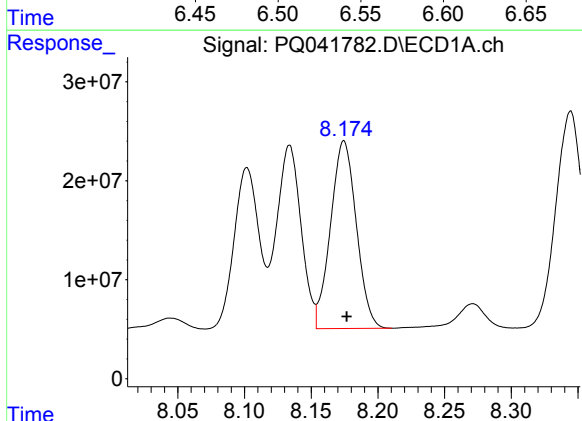
R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 34698464
Conc: 539.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



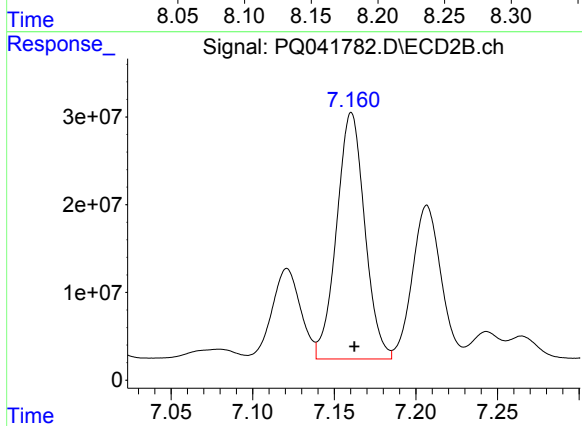
#19 AR-1242-4

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 139698428
Conc: 2355.90 ng/ml



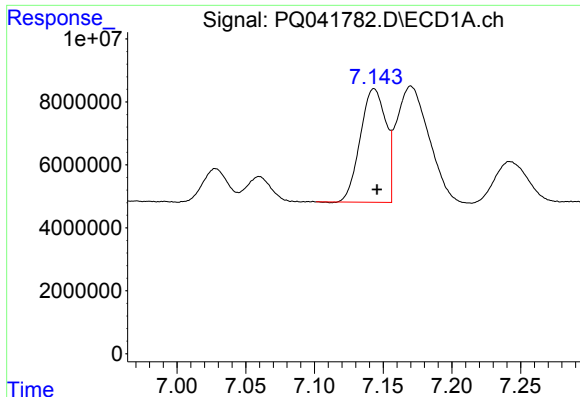
#20 AR-1242-5

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 255243379
Conc: 2876.77 ng/ml



#20 AR-1242-5

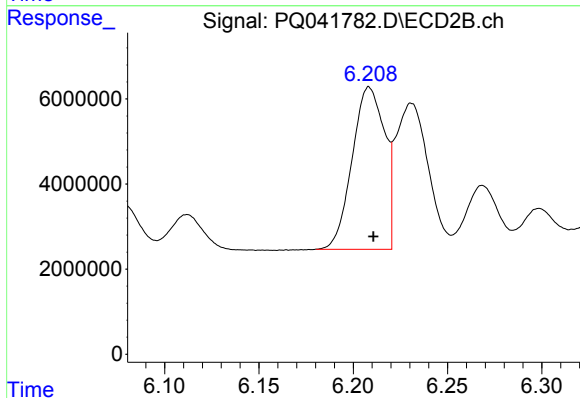
R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 336985260
Conc: 3795.13 ng/ml



#21 AR-1248-1

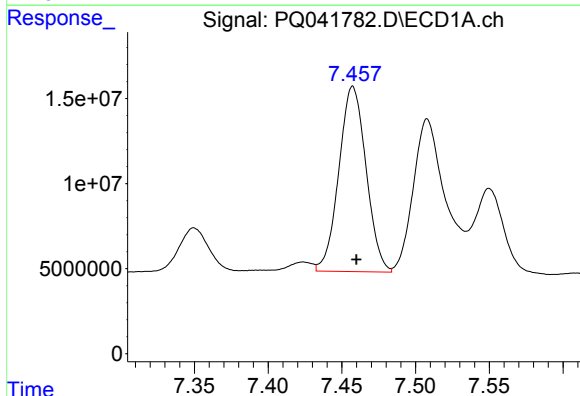
R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 46832536
Conc: 631.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



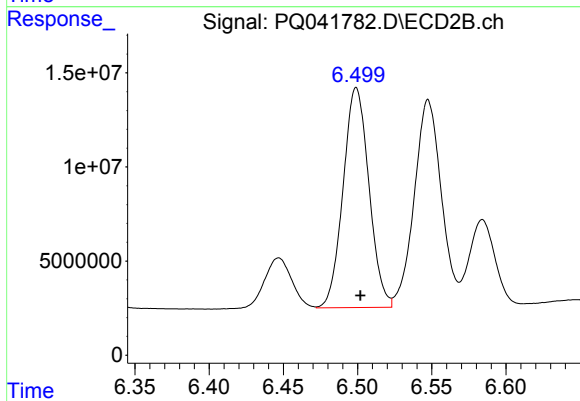
#21 AR-1248-1

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 45622657
Conc: 688.08 ng/ml



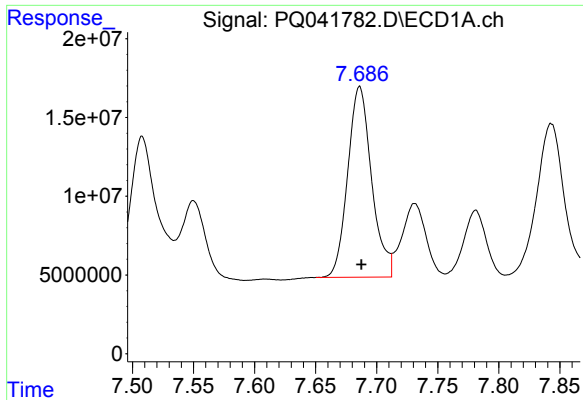
#22 AR-1248-2

R.T.: 7.457 min
Delta R.T.: -0.002 min
Response: 139815184
Conc: 1515.40 ng/ml



#22 AR-1248-2

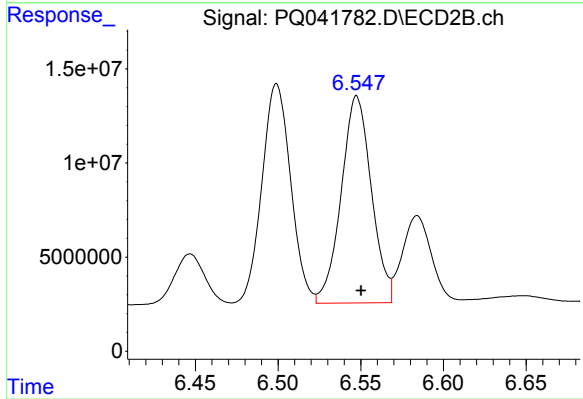
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 141800858
Conc: 1626.39 ng/ml



#23 AR-1248-3

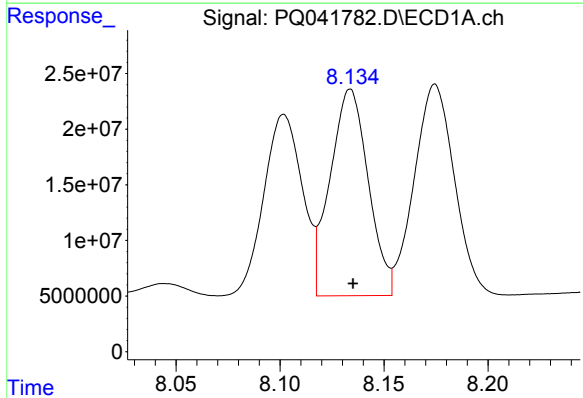
R.T.: 7.686 min
Delta R.T.: -0.002 min
Response: 164895243
Conc: 1471.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



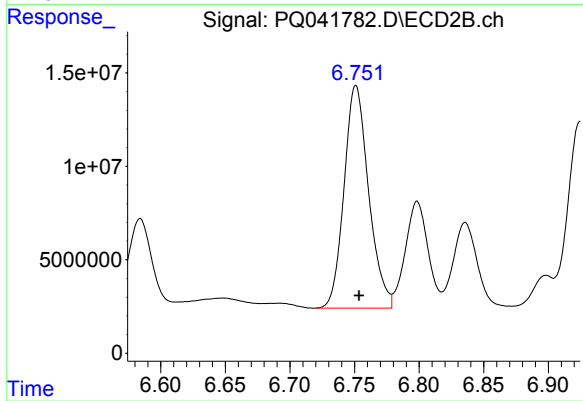
#23 AR-1248-3

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 139698428
Conc: 1565.15 ng/ml



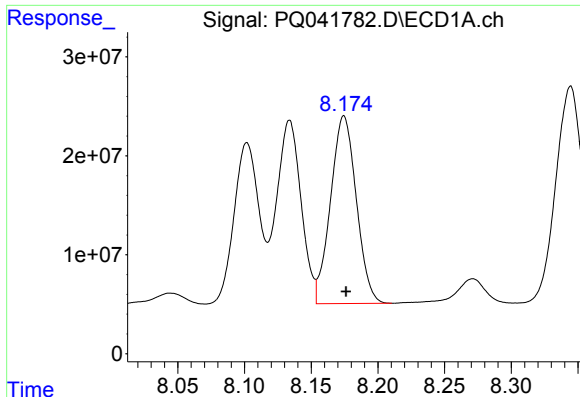
#24 AR-1248-4

R.T.: 8.134 min
Delta R.T.: -0.001 min
Response: 237016434
Conc: 1515.86 ng/ml



#24 AR-1248-4

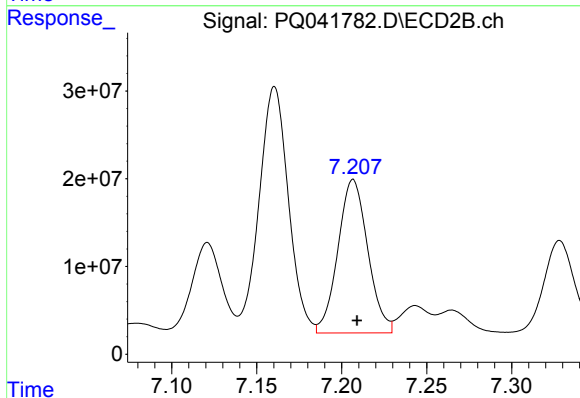
R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 157628195
Conc: 1431.14 ng/ml



#25 AR-1248-5

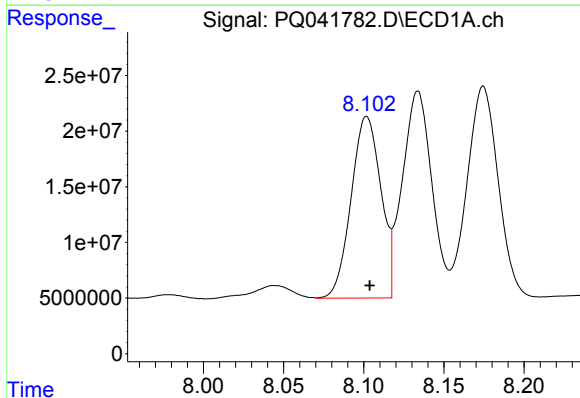
R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 255243379
Conc: 1686.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



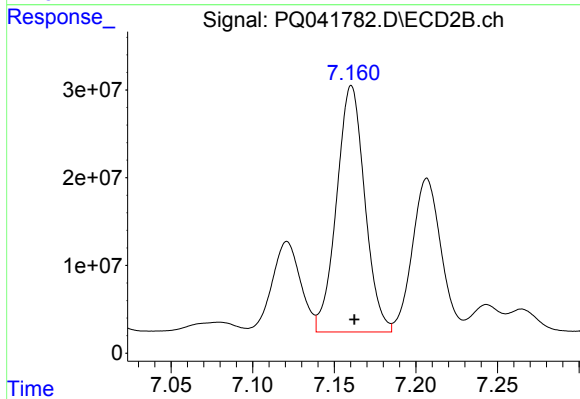
#25 AR-1248-5

R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 213953725
Conc: 1669.24 ng/ml



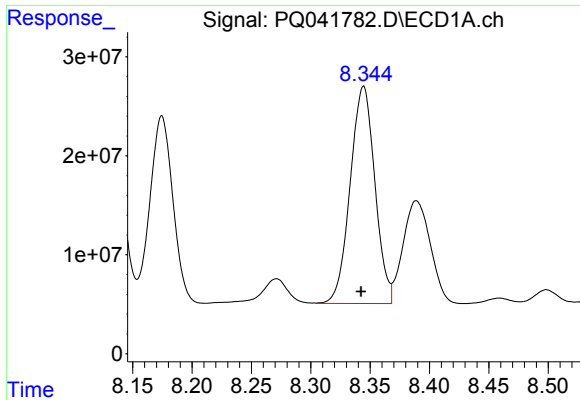
#26 AR-1254-1

R.T.: 8.102 min
Delta R.T.: -0.002 min
Response: 210999862
Conc: 1516.73 ng/ml



#26 AR-1254-1

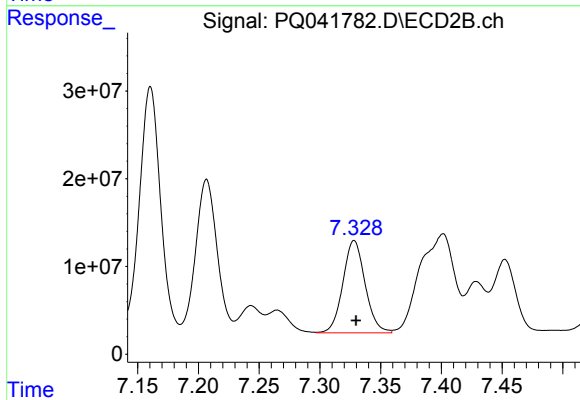
R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 336985260
Conc: 1842.61 ng/ml



#27 AR-1254-2

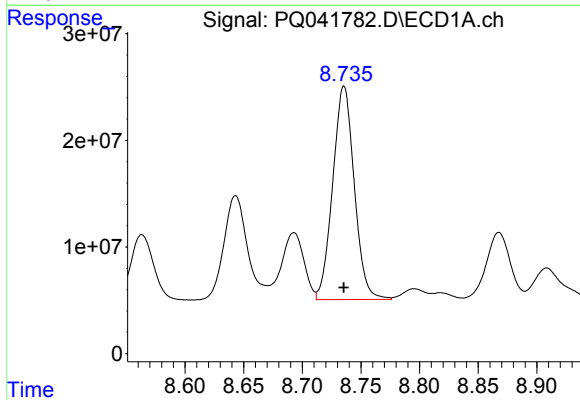
R.T.: 8.345 min
Delta R.T.: 0.002 min
Response: 317825639
Conc: 1388.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



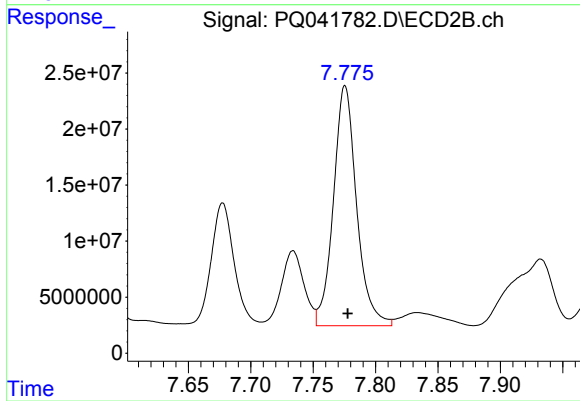
#27 AR-1254-2

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 134538720
Conc: 831.15 ng/ml



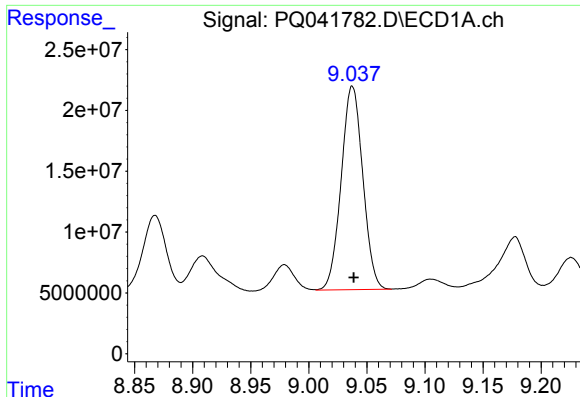
#28 AR-1254-3

R.T.: 8.736 min
Delta R.T.: 0.000 min
Response: 256212256
Conc: 937.04 ng/ml



#28 AR-1254-3

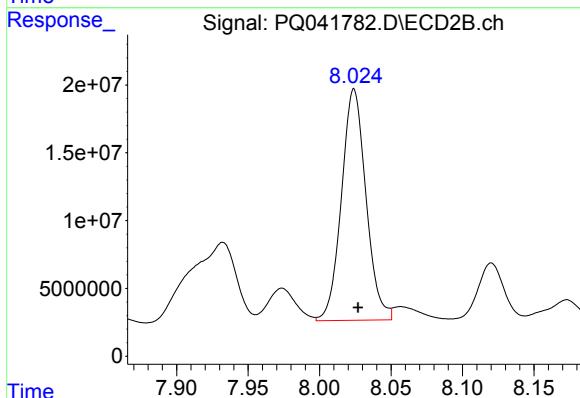
R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 277097403
Conc: 960.79 ng/ml



#29 AR-1254-4

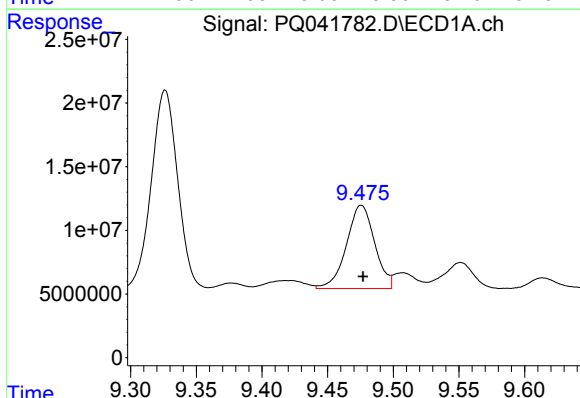
R.T.: 9.038 min
Delta R.T.: -0.001 min
Response: 216633363
Conc: 880.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



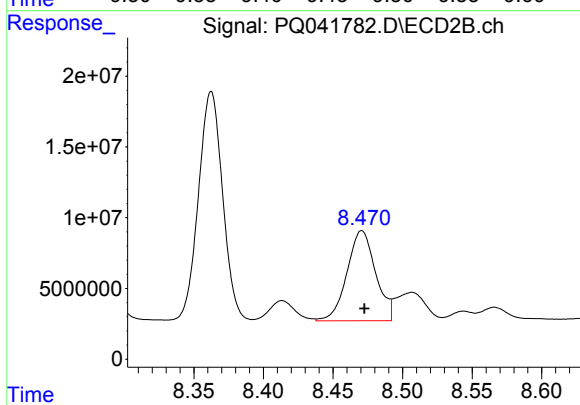
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: -0.003 min
Response: 203940871
Conc: 939.51 ng/ml



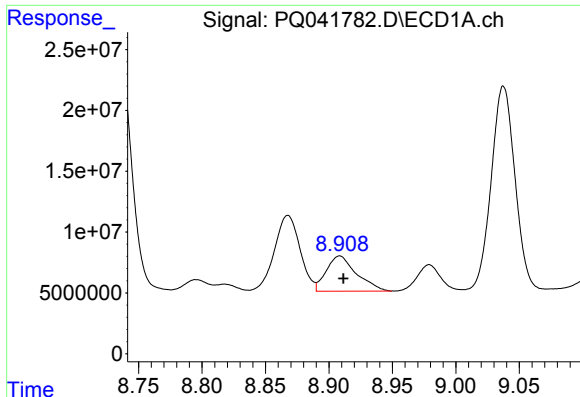
#30 AR-1254-5

R.T.: 9.476 min
Delta R.T.: -0.001 min
Response: 97874285
Conc: 361.37 ng/ml



#30 AR-1254-5

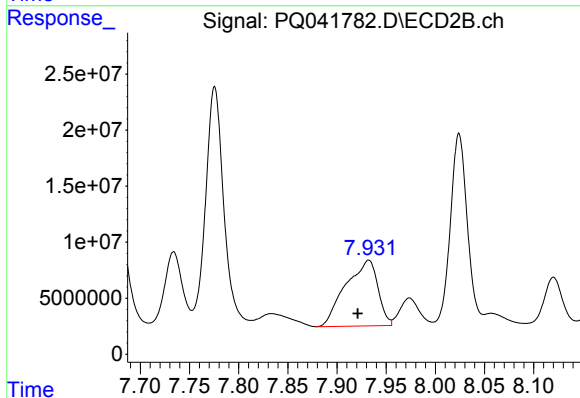
R.T.: 8.471 min
Delta R.T.: -0.002 min
Response: 91055146
Conc: 302.74 ng/ml



#31 AR-1260-1

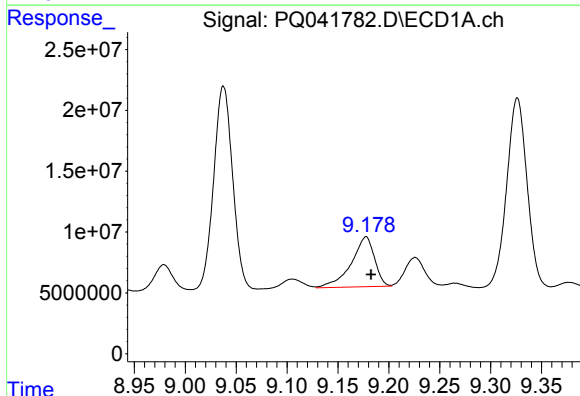
R.T.: 8.909 min
Delta R.T.: -0.003 min
Response: 48003156
Conc: 269.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



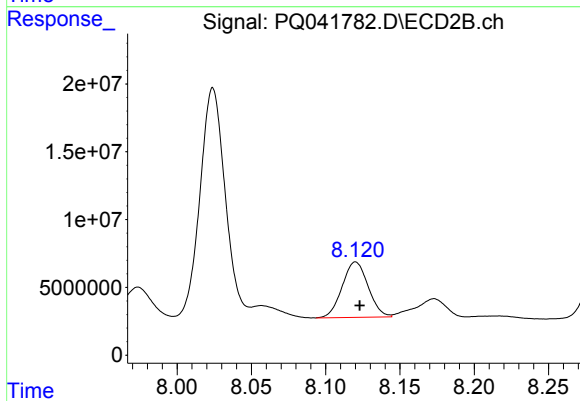
#31 AR-1260-1

R.T.: 7.932 min
Delta R.T.: 0.011 min
Response: 133844202
Conc: 737.72 ng/ml



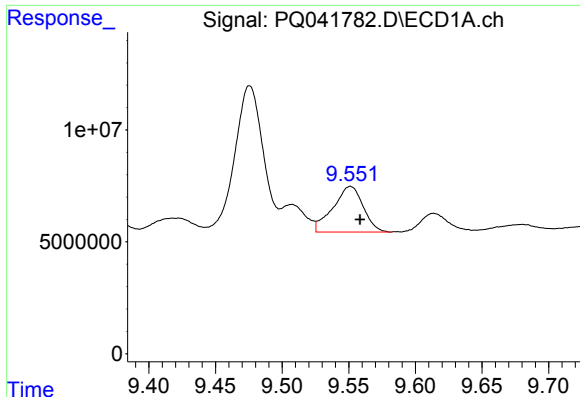
#32 AR-1260-2

R.T.: 9.178 min
Delta R.T.: -0.005 min
Response: 65428976
Conc: 259.36 ng/ml



#32 AR-1260-2

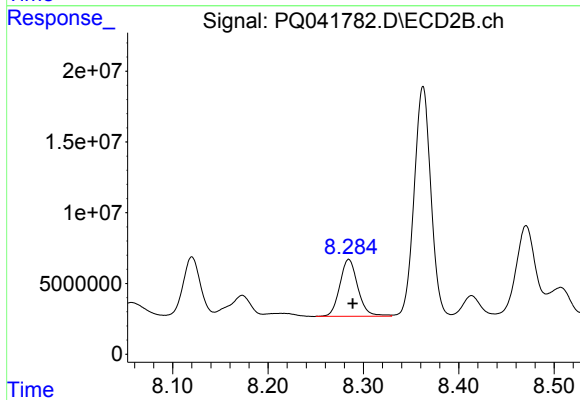
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 49833548
Conc: 203.12 ng/ml



#33 AR-1260-3

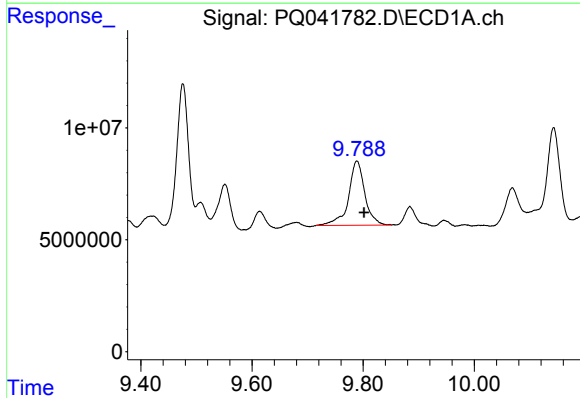
R.T.: 9.551 min
Delta R.T.: -0.007 min
Response: 32285594
Conc: 140.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



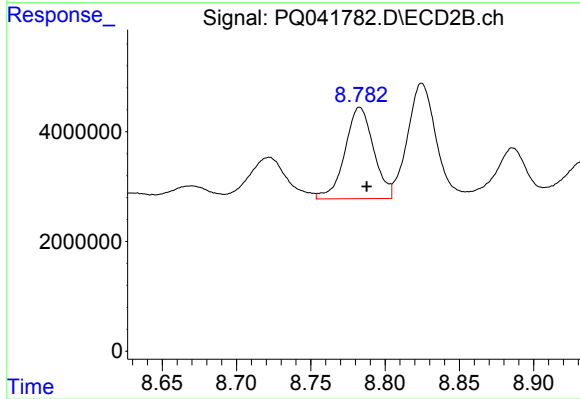
#33 AR-1260-3

R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 52722403
Conc: 247.78 ng/ml



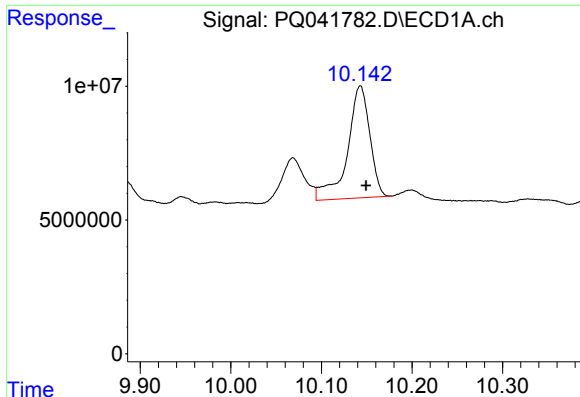
#34 AR-1260-4

R.T.: 9.789 min
Delta R.T.: -0.013 min
Response: 58160361
Conc: 227.77 ng/ml



#34 AR-1260-4

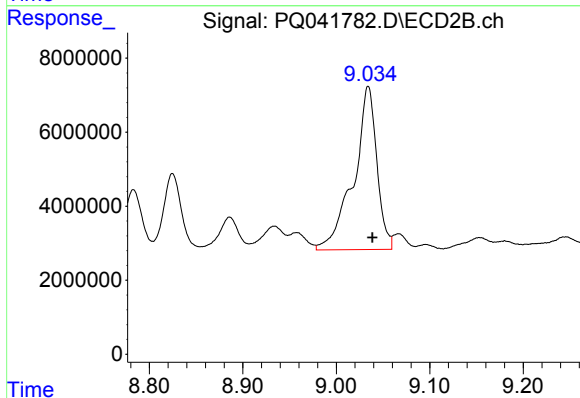
R.T.: 8.783 min
Delta R.T.: -0.005 min
Response: 22402351
Conc: 110.74 ng/ml



#35 AR-1260-5

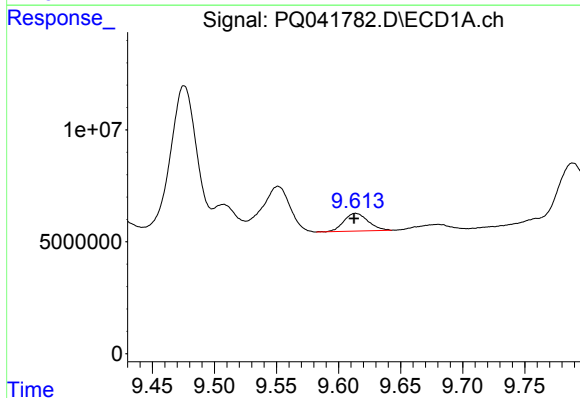
R.T.: 10.143 min
Delta R.T.: -0.006 min
Response: 72033578
Conc: 106.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



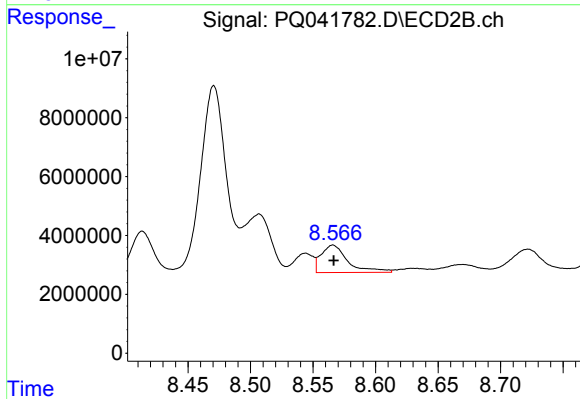
#35 AR-1260-5

R.T.: 9.034 min
Delta R.T.: -0.004 min
Response: 76037719
Conc: 128.83 ng/ml



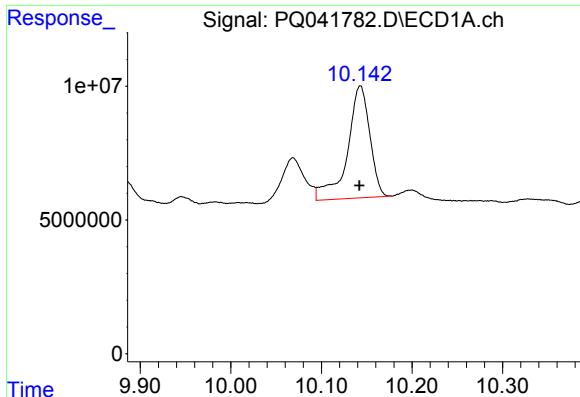
#36 AR-1262-1

R.T.: 9.614 min
Delta R.T.: 0.001 min
Response: 10813687
Conc: 70.36 ng/ml



#36 AR-1262-1

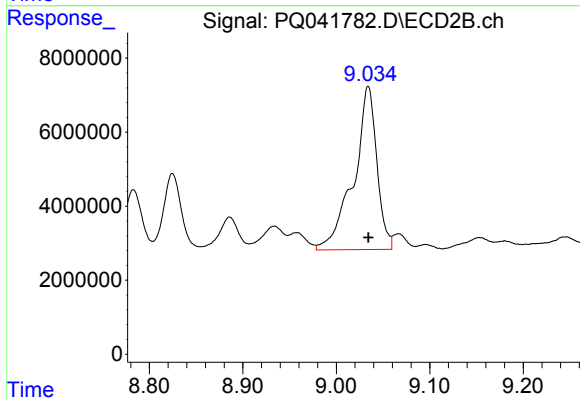
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 13984000
Conc: 97.47 ng/ml



#37 AR-1262-2

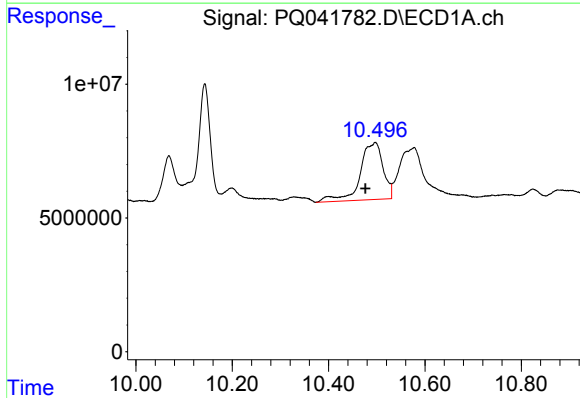
R.T.: 10.143 min
Delta R.T.: 0.000 min
Response: 72033578
Conc: 82.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



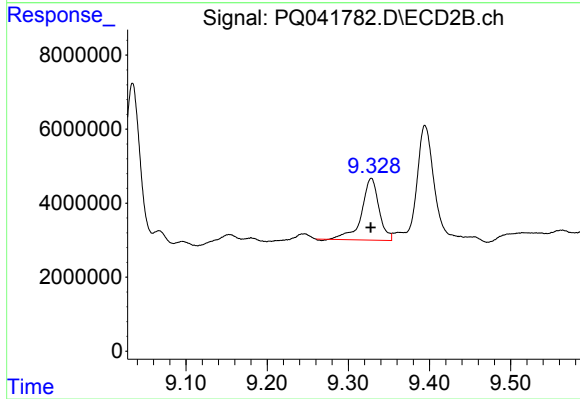
#37 AR-1262-2

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 76037719
Conc: 102.61 ng/ml



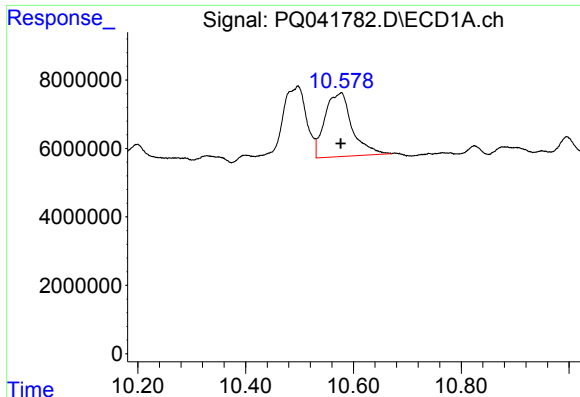
#38 AR-1262-3

R.T.: 10.497 min
Delta R.T.: 0.020 min
Response: 70698349
Conc: 111.33 ng/ml



#38 AR-1262-3

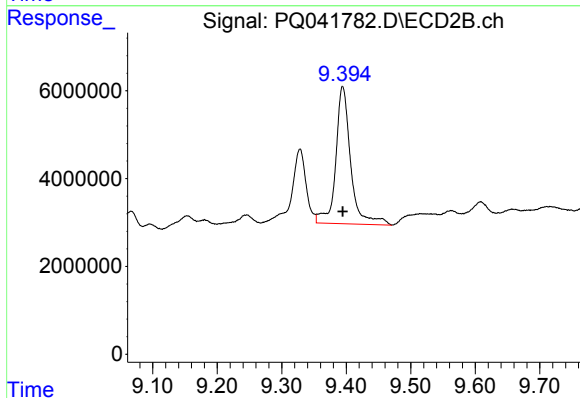
R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 24836543
Conc: 78.50 ng/ml



#39 AR-1262-4

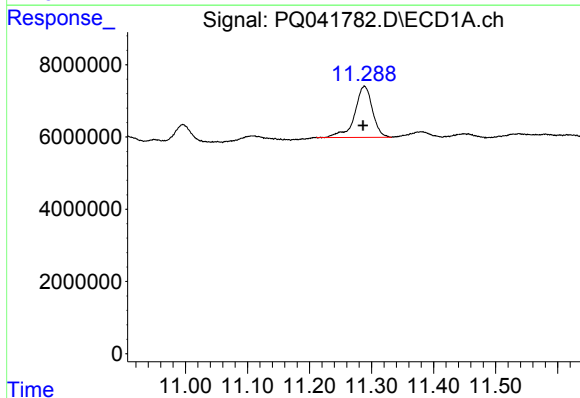
R.T.: 10.578 min
Delta R.T.: 0.001 min
Response: 65198245
Conc: 130.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



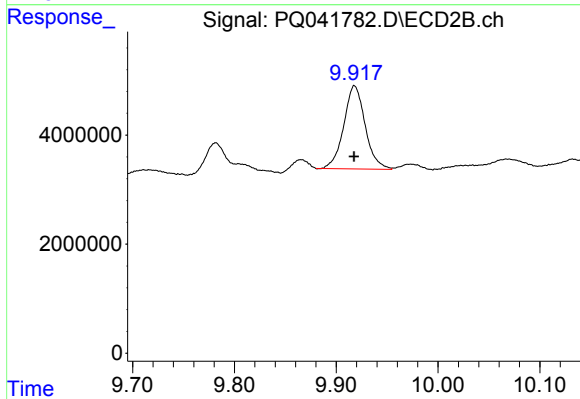
#39 AR-1262-4

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 50297100
Conc: 89.44 ng/ml



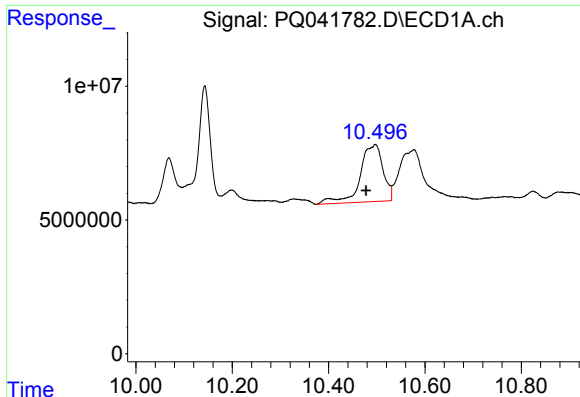
#40 AR-1262-5

R.T.: 11.289 min
Delta R.T.: 0.002 min
Response: 28238486
Conc: 69.36 ng/ml



#40 AR-1262-5

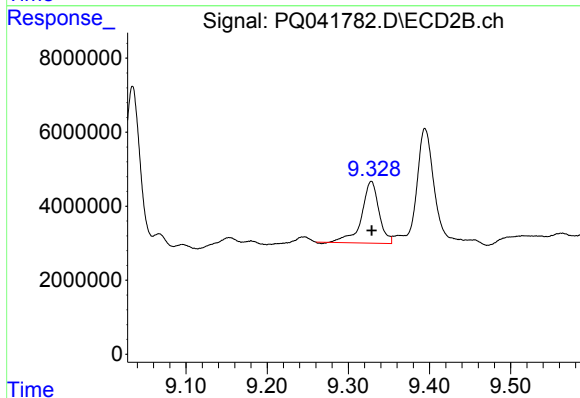
R.T.: 9.918 min
Delta R.T.: 0.000 min
Response: 22370037
Conc: 78.33 ng/ml



#41 AR-1268-1

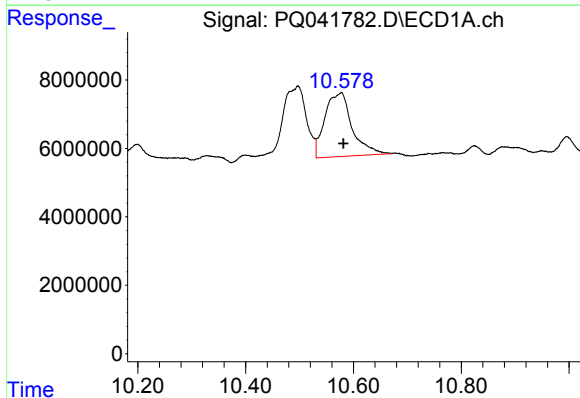
R.T.: 10.497 min
Delta R.T.: 0.019 min
Response: 70698349
Conc: 49.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



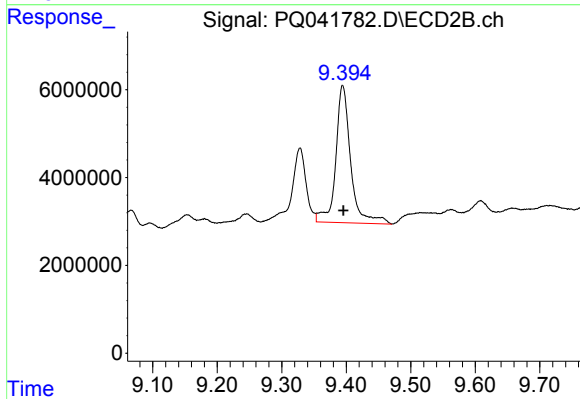
#41 AR-1268-1

R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 24836543
Conc: 21.73 ng/ml



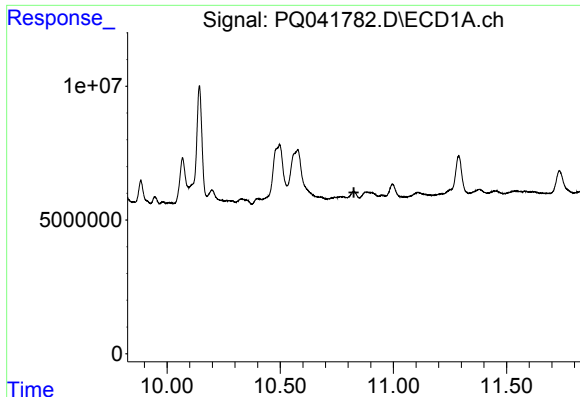
#42 AR-1268-2

R.T.: 10.578 min
Delta R.T.: -0.004 min
Response: 65198245
Conc: 49.43 ng/ml



#42 AR-1268-2

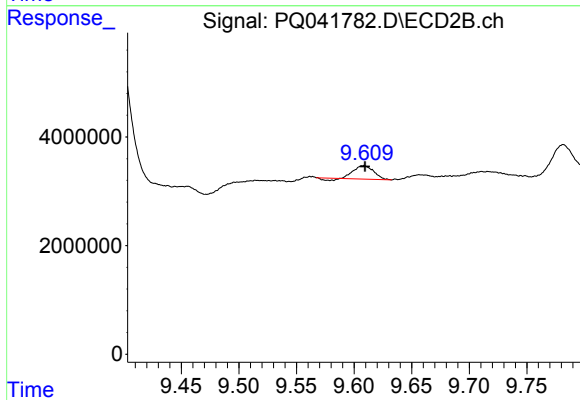
R.T.: 9.394 min
Delta R.T.: -0.001 min
Response: 50297100
Conc: 49.00 ng/ml



#43 AR-1268-3

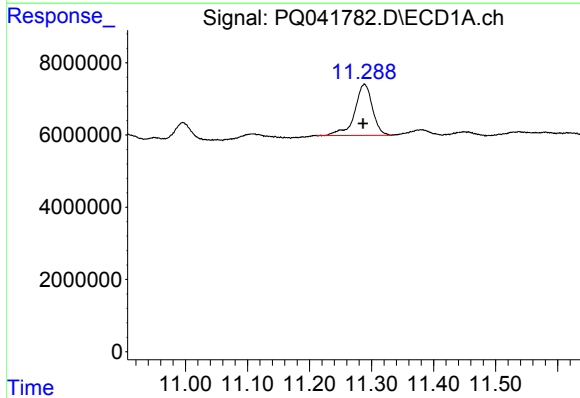
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



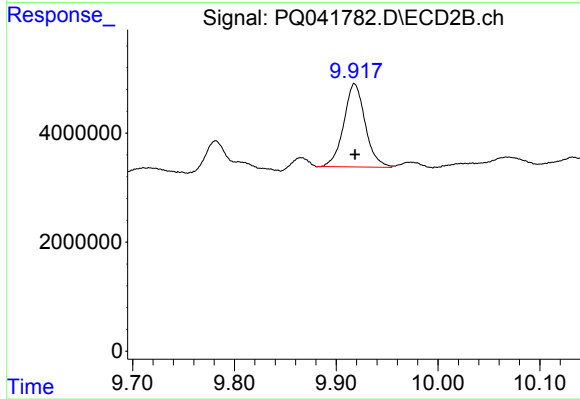
#43 AR-1268-3

R.T.: 9.608 min
Delta R.T.: 0.000 min
Response: 2899646
Conc: 3.34 ng/ml



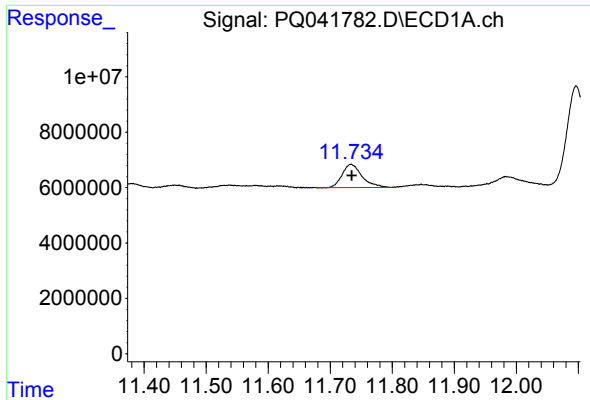
#44 AR-1268-4

R.T.: 11.289 min
Delta R.T.: 0.002 min
Response: 28238486
Conc: 51.87 ng/ml



#44 AR-1268-4

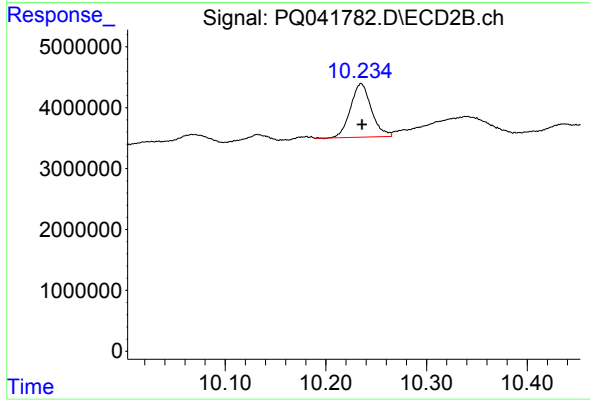
R.T.: 9.918 min
Delta R.T.: 0.000 min
Response: 22370037
Conc: 58.15 ng/ml



#45 AR-1268-5

R.T.: 11.734 min
Delta R.T.: -0.001 min
Response: 18648815
Conc: 4.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 12671454
Conc: 4.88 ng/ml