

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
 Data File : PQ041967.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2019 00:05
 Operator : SM\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1242330

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:13:03 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...	5.695	4.753	48729021	42159153	21.248	21.875
2)	SA Decachlor...	12.090	10.506	289.4E6	199.8E6	34.327	41.313
Target Compounds							
3)	L1 AR-1016-1	7.139	6.205	38737422	37016124	358.401	356.716
4)	L1 AR-1016-2	7.164	6.228	54555545	51754380	348.536	361.239
5)	L1 AR-1016-3	7.235	6.441	33272824	27447511	343.983	368.067
6)	L1 AR-1016-4	7.348	6.495	27401315	19254719	351.235	310.508
7)	L1 AR-1016-5	7.682	6.748	28112791	28273871	357.623	347.330
8)	L2 AR-1221-1	0.000	5.059	0	2469351	N.D.	119.922 #
9)	L2 AR-1221-2	0.000	5.177	0	3722172	N.D.	233.077 #
10)	L2 AR-1221-3	6.179	5.281	17245739	15506599	280.213	284.358
11)	L3 AR-1232-1	6.179	5.281	17245739	15506599	318.679	321.129
12)	L3 AR-1232-2	6.822	6.228	25888680	51754380	787.927	907.529
13)	L3 AR-1232-3	7.164	6.441	54555545	27447511	817.147	920.455
14)	L3 AR-1232-4	7.348	6.545	27401315	26792260	854.246	1003.580
15)	L3 AR-1232-5	7.454	6.748	20624634	28273871	959.720	964.118
16)	L4 AR-1242-1	7.139	6.205	38737422	37016124	433.066	452.300
17)	L4 AR-1242-2	7.164	6.228	54555545	51754380	424.255	458.255
18)	L4 AR-1242-3	7.235	6.441	33272824	27447511	410.338	464.640
19)	L4 AR-1242-4	7.348	6.545	27401315	26792260	426.230	451.829
20)	L4 AR-1242-5	8.170	7.157	38097023	40234006	429.379	453.115
21)	L5 AR-1248-1	7.139	6.205	38737422	37016124	522.518	558.280
22)	L5 AR-1248-2	7.454	6.495	20624634	19254719	223.541	220.842
23)	L5 AR-1248-3	7.682	6.545	28112791	26792260	250.915	300.174
24)	L5 AR-1248-4	8.129	6.748	36673735	28273871	234.549	256.705
25)	L5 AR-1248-5	8.170	7.203	38097023	35798310	251.759	279.293
26)	L6 AR-1254-1	8.097	7.157	29735892	40234006	213.751	219.997
27)	L6 AR-1254-2	8.341	7.324	31632591	11534129	138.204	71.255 #
28)	L6 AR-1254-3	8.730	7.772	15434435	13904889	56.448	48.213
29)	L6 AR-1254-4	9.033	8.020	28808528	12710802	117.025	58.556 #
30)	L6 AR-1254-5	0.000	8.466	0	4190312	N.D.	13.932 #
31)	L7 AR-1260-1	0.000	7.929	0	4823437	N.D.	26.586 #
32)	L7 AR-1260-2	0.000	8.112	0	2704445	N.D.	11.023 #
33)	L7 AR-1260-3	0.000	8.280	0	1735335	N.D.	8.156 #
34)	L7 AR-1260-4	0.000	8.820	0	1744870	N.D.	8.626 #
35)	L7 AR-1260-5	0.000	9.009	0	1614529	N.D.	2.736 #
37)	L8 AR-1262-2	0.000	9.009	0	1614529	N.D.	2.179 #
38)	L8 AR-1262-3	0.000	9.387	0	509482	N.D.	1.610 #
39)	L8 AR-1262-4	0.000	9.387	0	509482	N.D.	0.906 #
41)	L9 AR-1268-1	0.000	9.387	0	509482	N.D.	0.446 #
42)	L9 AR-1268-2	0.000	9.387	0	509482	N.D.	0.496 #
45)	L9 AR-1268-5	0.000	10.229	0	1402552	N.D.	0.540 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
Data File : PQ041967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 00:05
Operator : SM\AJ
Sample : AR1242CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

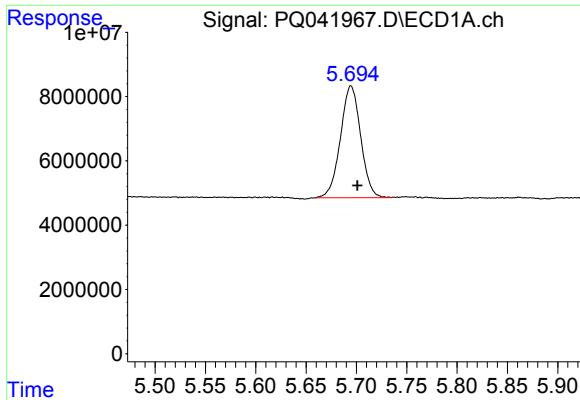
Instrument :
ECD_Q
ClientSampleId :
AR1242330

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:13:03 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

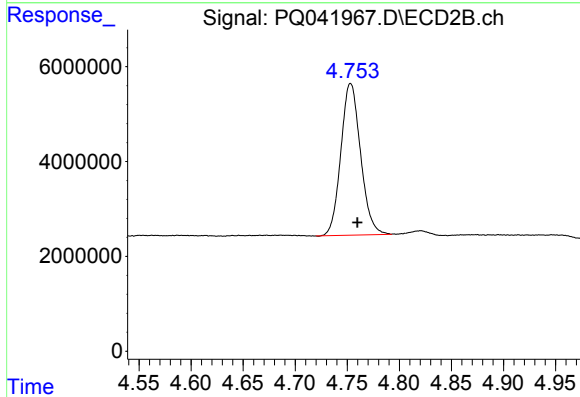
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

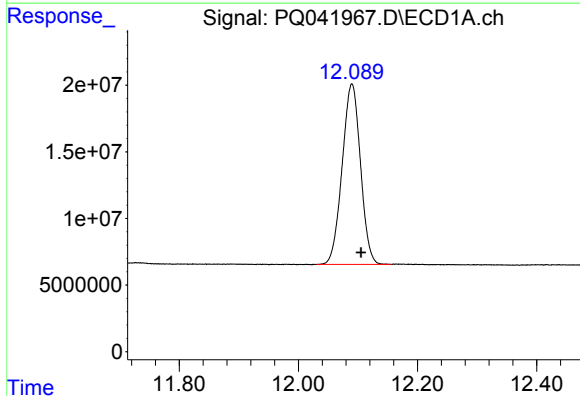
R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 48729021
Conc: 21.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



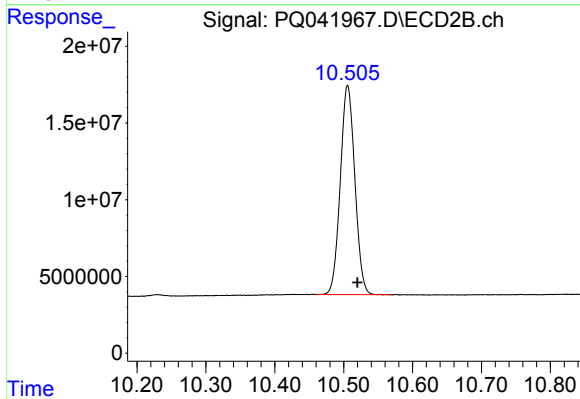
#1 Tetrachloro-m-xylene

R.T.: 4.753 min
Delta R.T.: -0.007 min
Response: 42159153
Conc: 21.88 ng/ml



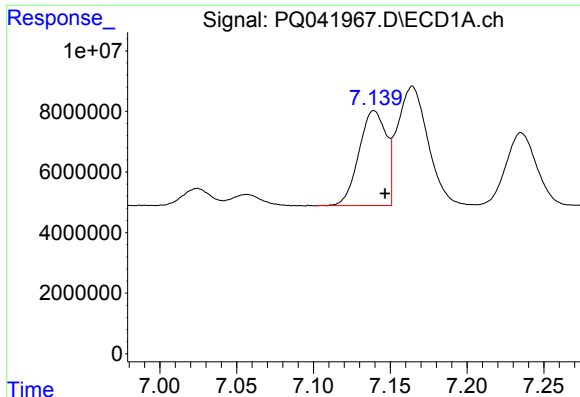
#2 Decachlorobiphenyl

R.T.: 12.090 min
Delta R.T.: -0.016 min
Response: 289417279
Conc: 34.33 ng/ml



#2 Decachlorobiphenyl

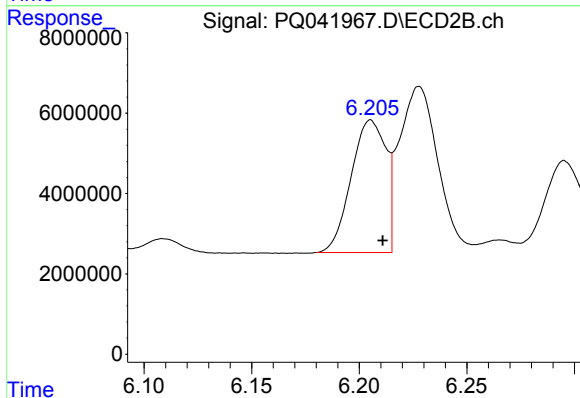
R.T.: 10.506 min
Delta R.T.: -0.014 min
Response: 199845073
Conc: 41.31 ng/ml



#3 AR-1016-1

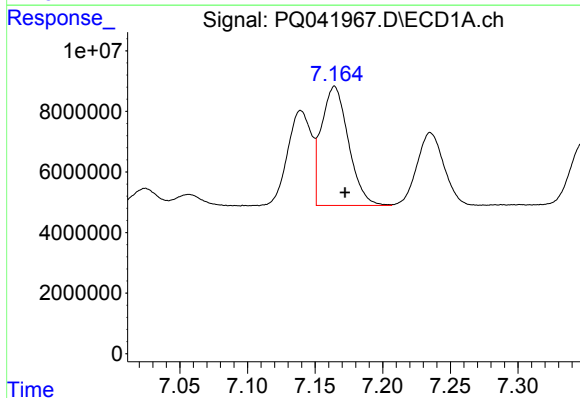
R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 38737422
Conc: 358.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



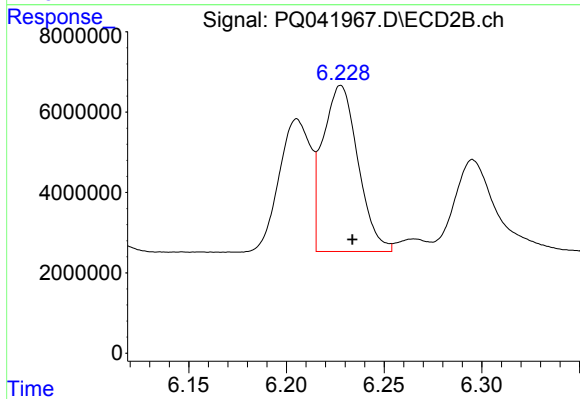
#3 AR-1016-1

R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 37016124
Conc: 356.72 ng/ml



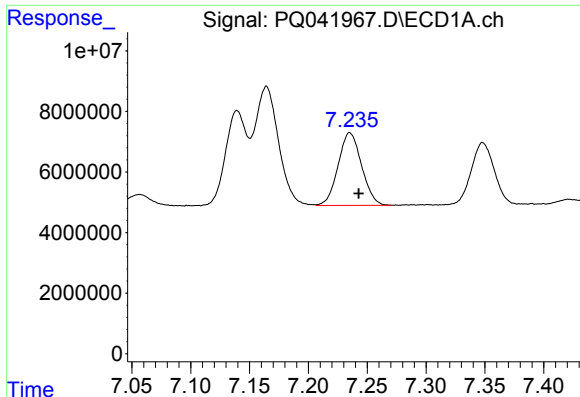
#4 AR-1016-2

R.T.: 7.164 min
Delta R.T.: -0.008 min
Response: 54555545
Conc: 348.54 ng/ml



#4 AR-1016-2

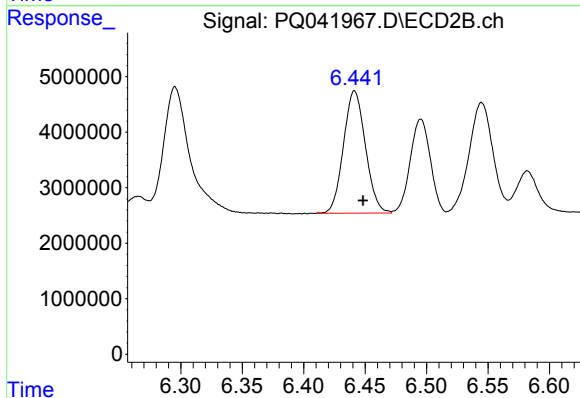
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 51754380
Conc: 361.24 ng/ml



#5 AR-1016-3

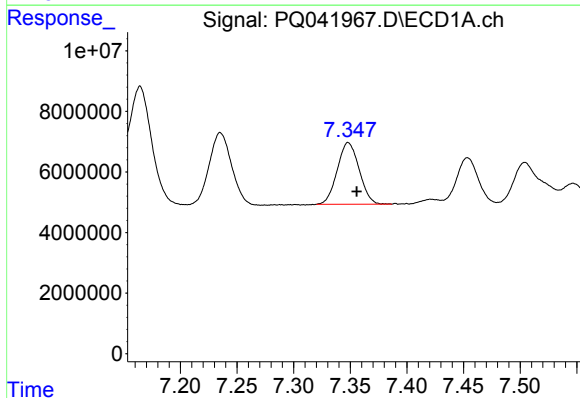
R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 33272824
Conc: 343.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



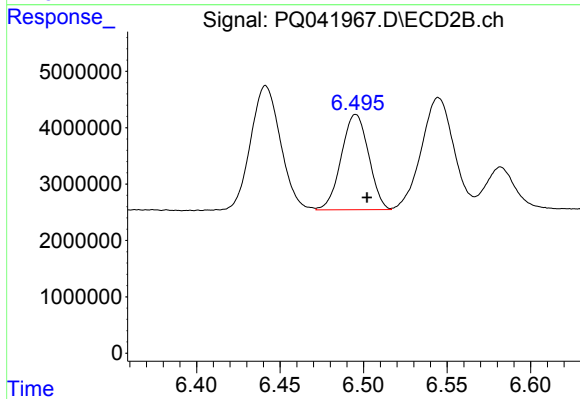
#5 AR-1016-3

R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 27447511
Conc: 368.07 ng/ml



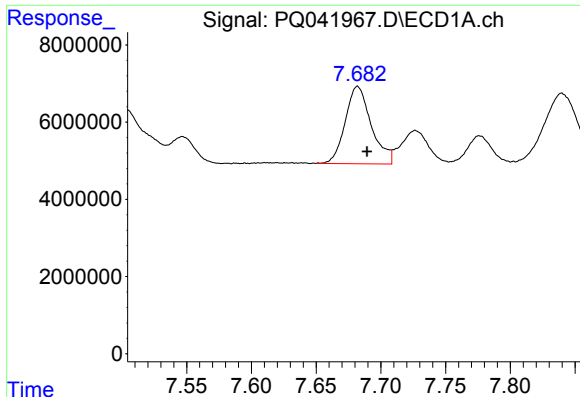
#6 AR-1016-4

R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 27401315
Conc: 351.23 ng/ml



#6 AR-1016-4

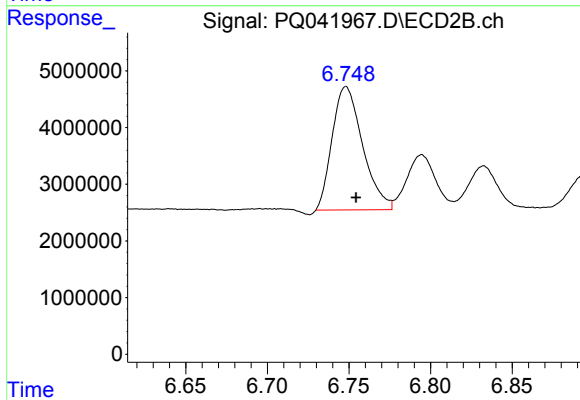
R.T.: 6.495 min
Delta R.T.: -0.007 min
Response: 19254719
Conc: 310.51 ng/ml



#7 AR-1016-5

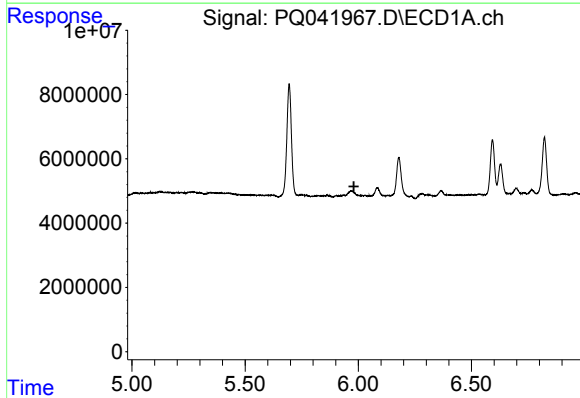
R.T.: 7.682 min
Delta R.T.: -0.007 min
Response: 28112791
Conc: 357.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



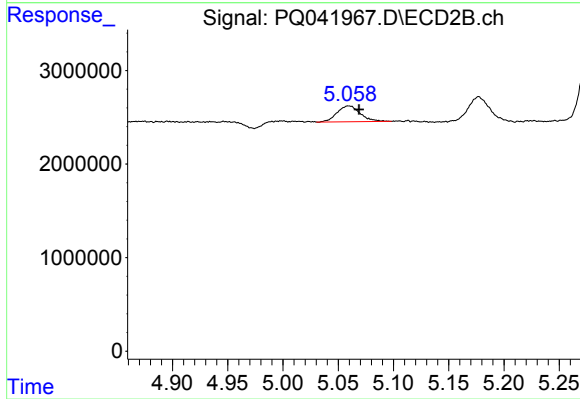
#7 AR-1016-5

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 28273871
Conc: 347.33 ng/ml



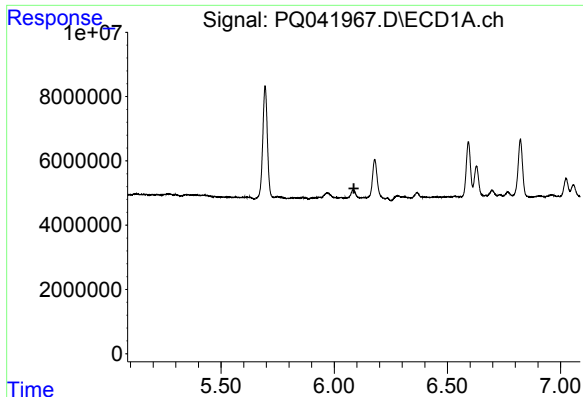
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

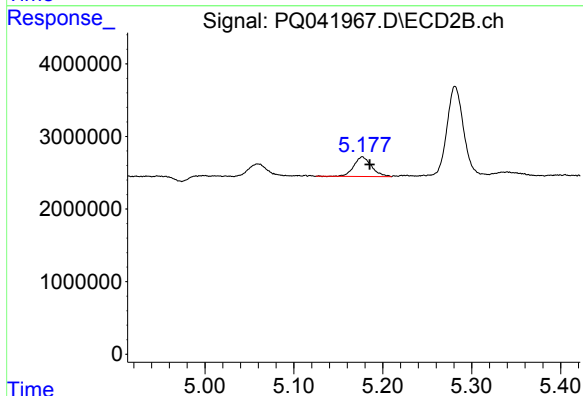
R.T.: 5.059 min
Delta R.T.: -0.010 min
Response: 2469351
Conc: 119.92 ng/ml



#9 AR-1221-2

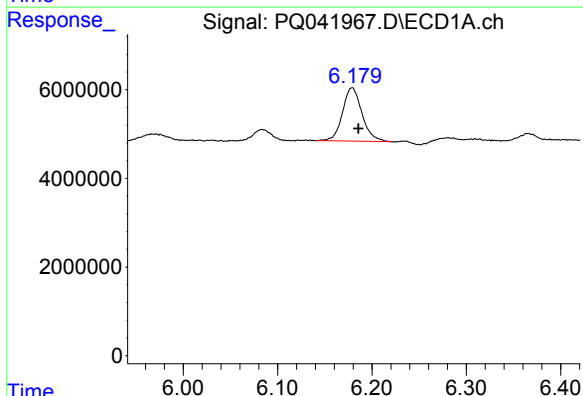
R.T.: 0.000 min
Exp R.T.: 6.087 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



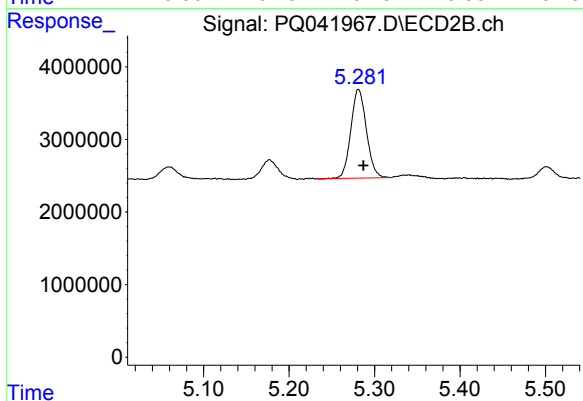
#9 AR-1221-2

R.T.: 5.177 min
Delta R.T.: -0.008 min
Response: 3722172
Conc: 233.08 ng/ml



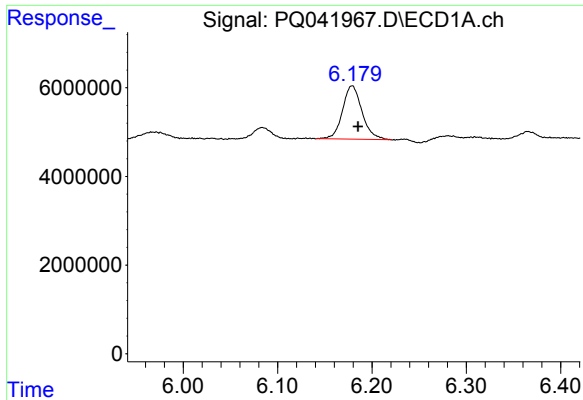
#10 AR-1221-3

R.T.: 6.179 min
Delta R.T.: -0.007 min
Response: 17245739
Conc: 280.21 ng/ml



#10 AR-1221-3

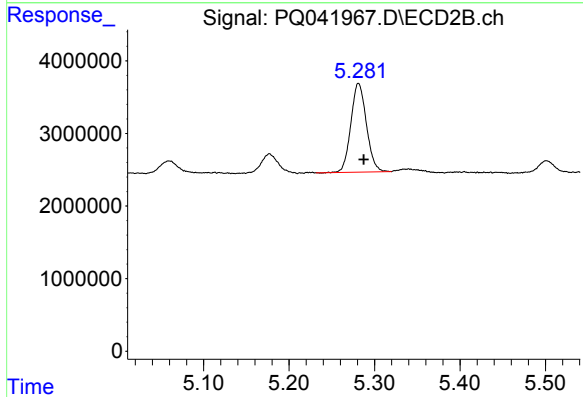
R.T.: 5.281 min
Delta R.T.: -0.006 min
Response: 15506599
Conc: 284.36 ng/ml



#11 AR-1232-1

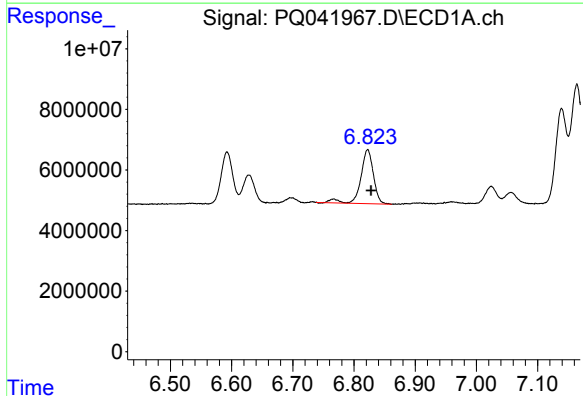
R.T.: 6.179 min
Delta R.T.: -0.006 min
Response: 17245739
Conc: 318.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



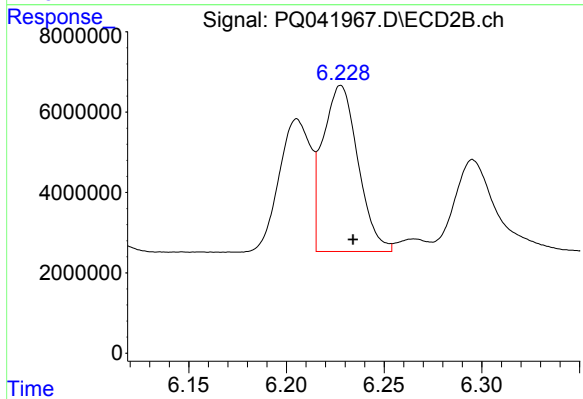
#11 AR-1232-1

R.T.: 5.281 min
Delta R.T.: -0.006 min
Response: 15506599
Conc: 321.13 ng/ml



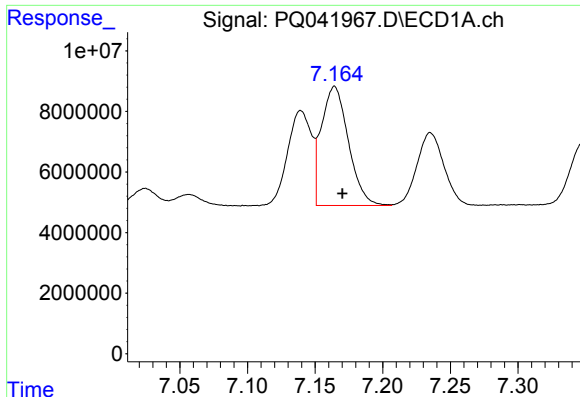
#12 AR-1232-2

R.T.: 6.822 min
Delta R.T.: -0.005 min
Response: 25888680
Conc: 787.93 ng/ml



#12 AR-1232-2

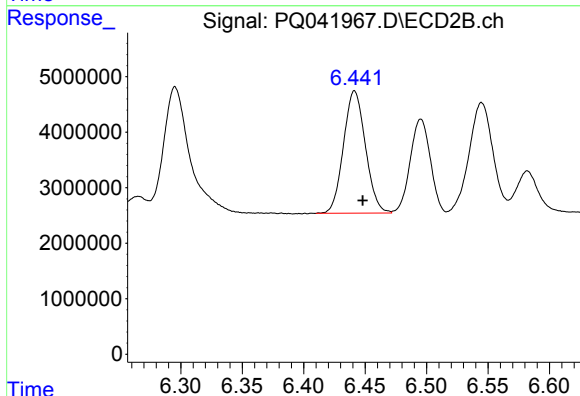
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 51754380
Conc: 907.53 ng/ml



#13 AR-1232-3

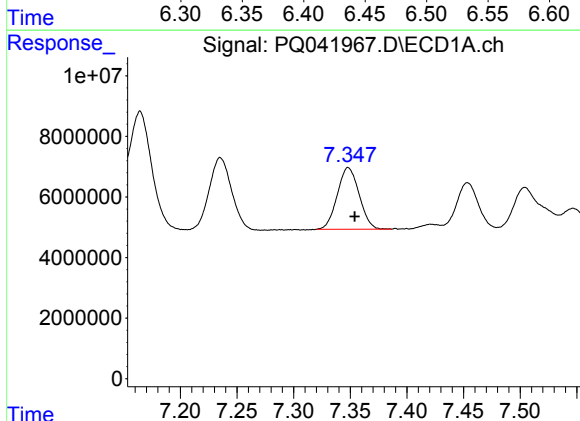
R.T.: 7.164 min
Delta R.T.: -0.006 min
Response: 54555545
Conc: 817.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



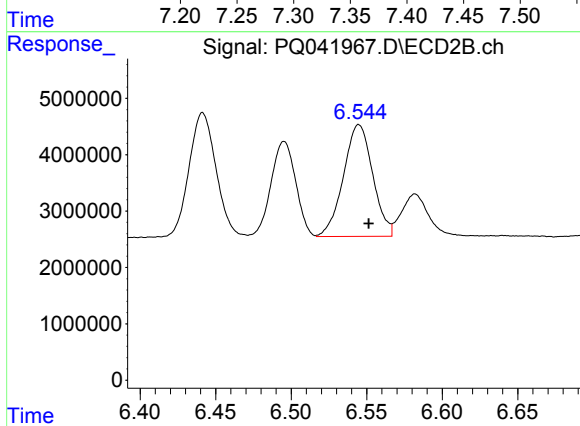
#13 AR-1232-3

R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 27447511
Conc: 920.45 ng/ml



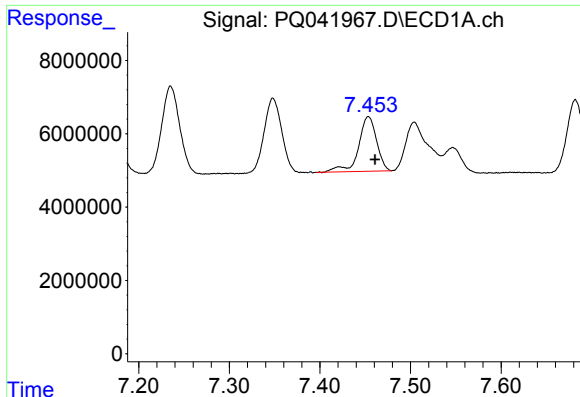
#14 AR-1232-4

R.T.: 7.348 min
Delta R.T.: -0.006 min
Response: 27401315
Conc: 854.25 ng/ml



#14 AR-1232-4

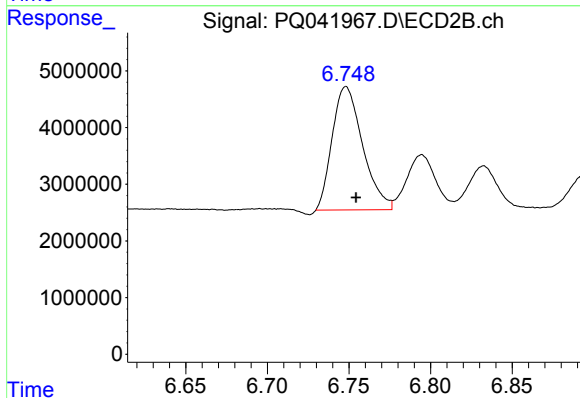
R.T.: 6.545 min
Delta R.T.: -0.007 min
Response: 26792260
Conc: 1003.58 ng/ml



#15 AR-1232-5

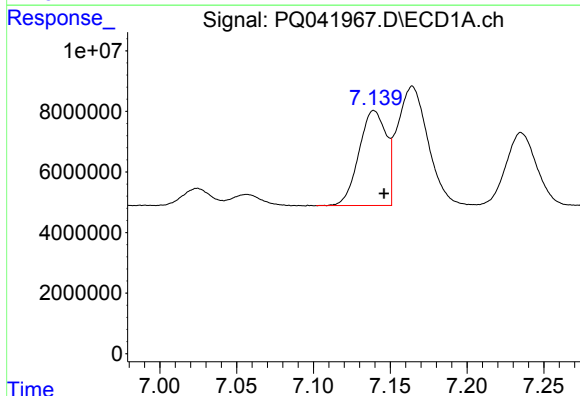
R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 20624634
Conc: 959.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



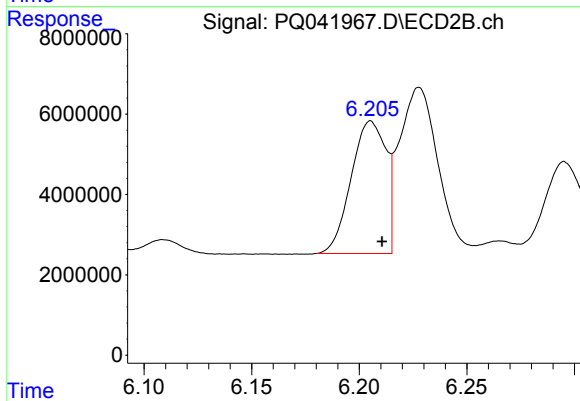
#15 AR-1232-5

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 28273871
Conc: 964.12 ng/ml



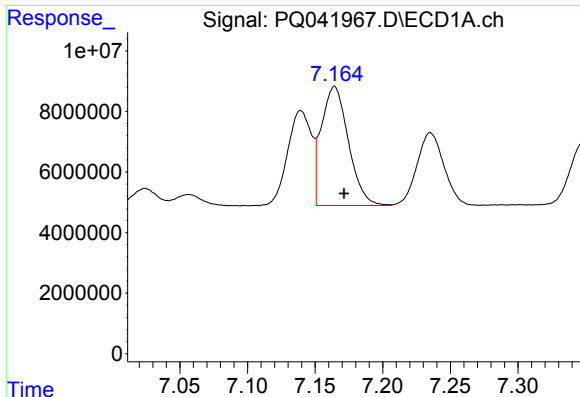
#16 AR-1242-1

R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 38737422
Conc: 433.07 ng/ml



#16 AR-1242-1

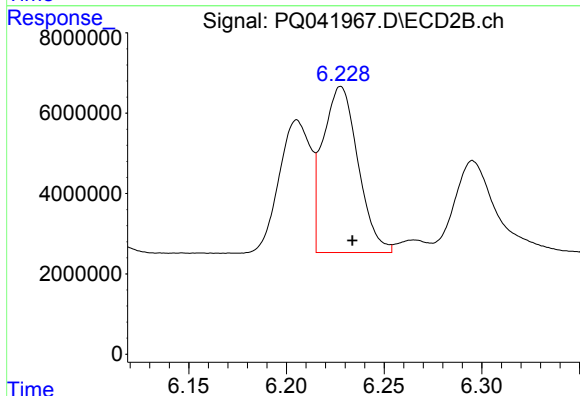
R.T.: 6.205 min
Delta R.T.: -0.005 min
Response: 37016124
Conc: 452.30 ng/ml



#17 AR-1242-2

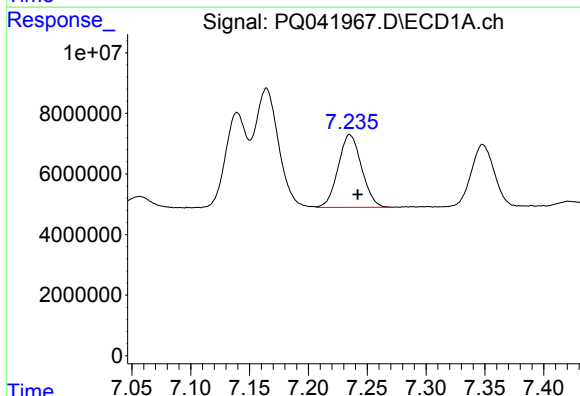
R.T.: 7.164 min
Delta R.T.: -0.007 min
Response: 54555545
Conc: 424.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



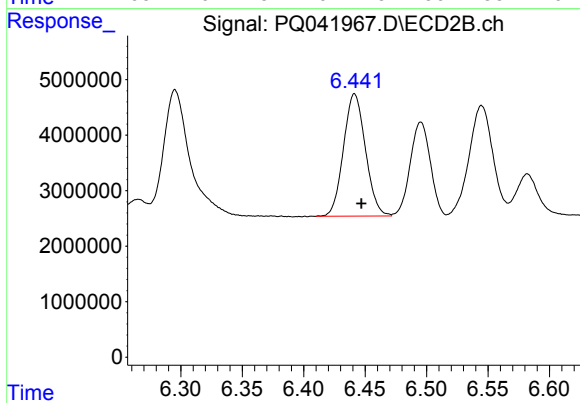
#17 AR-1242-2

R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 51754380
Conc: 458.26 ng/ml



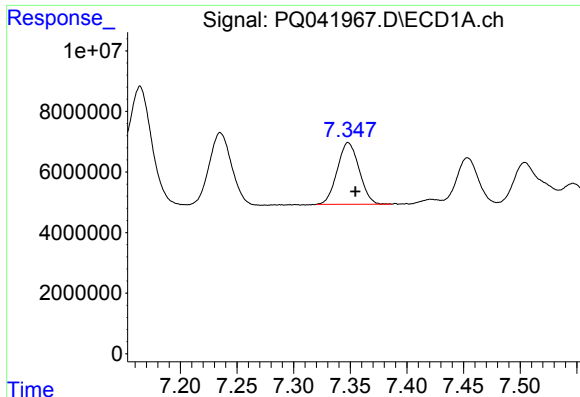
#18 AR-1242-3

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 33272824
Conc: 410.34 ng/ml



#18 AR-1242-3

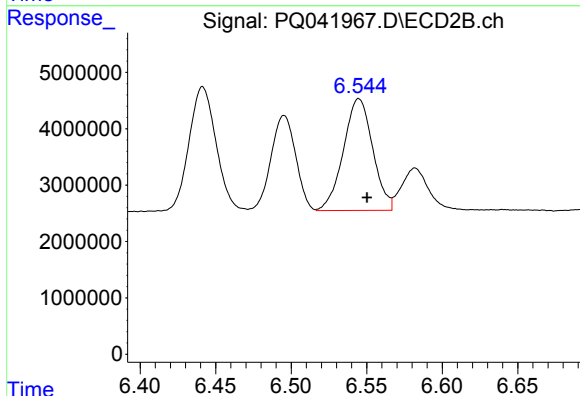
R.T.: 6.441 min
Delta R.T.: -0.006 min
Response: 27447511
Conc: 464.64 ng/ml



#19 AR-1242-4

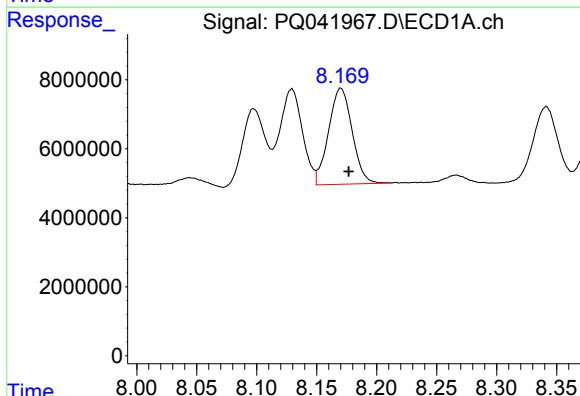
R.T.: 7.348 min
Delta R.T.: -0.006 min
Response: 27401315
Conc: 426.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



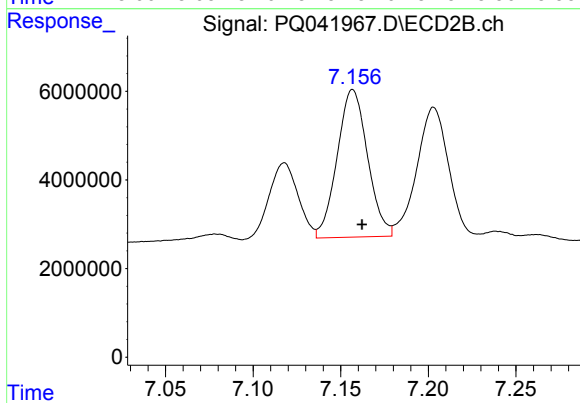
#19 AR-1242-4

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 26792260
Conc: 451.83 ng/ml



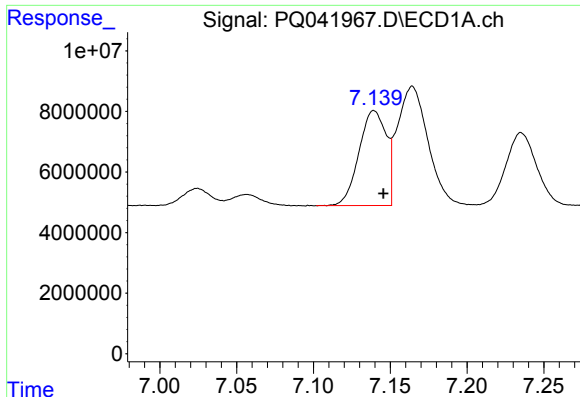
#20 AR-1242-5

R.T.: 8.170 min
Delta R.T.: -0.007 min
Response: 38097023
Conc: 429.38 ng/ml



#20 AR-1242-5

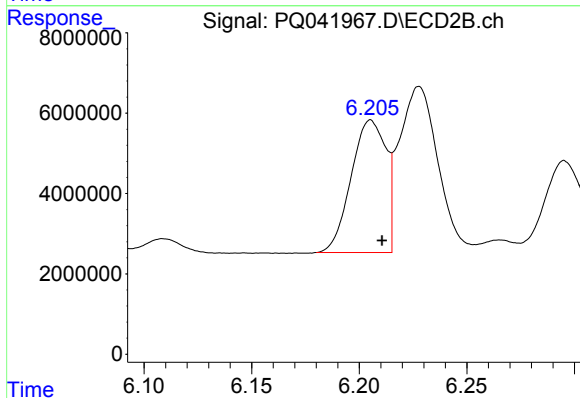
R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 40234006
Conc: 453.12 ng/ml



#21 AR-1248-1

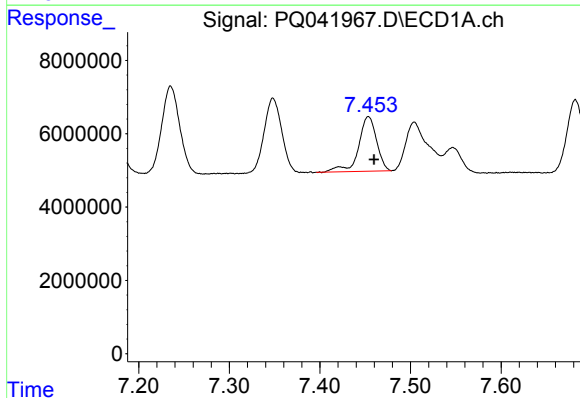
R.T.: 7.139 min
Delta R.T.: -0.006 min
Response: 38737422
Conc: 522.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



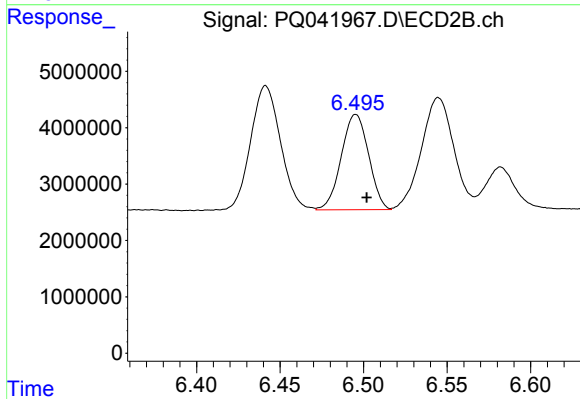
#21 AR-1248-1

R.T.: 6.205 min
Delta R.T.: -0.005 min
Response: 37016124
Conc: 558.28 ng/ml



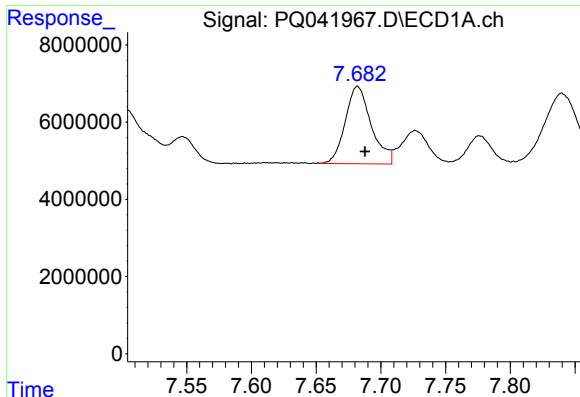
#22 AR-1248-2

R.T.: 7.454 min
Delta R.T.: -0.006 min
Response: 20624634
Conc: 223.54 ng/ml



#22 AR-1248-2

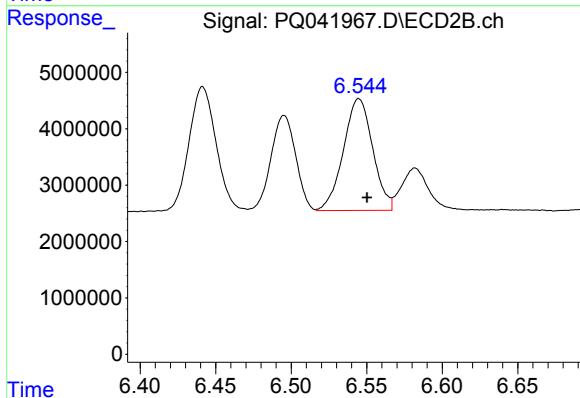
R.T.: 6.495 min
Delta R.T.: -0.006 min
Response: 19254719
Conc: 220.84 ng/ml



#23 AR-1248-3

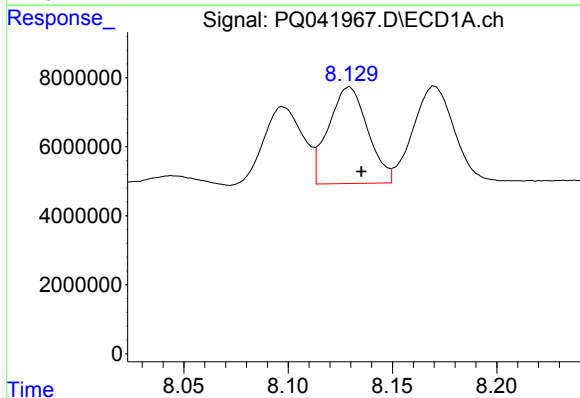
R.T.: 7.682 min
Delta R.T.: -0.006 min
Response: 28112791
Conc: 250.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



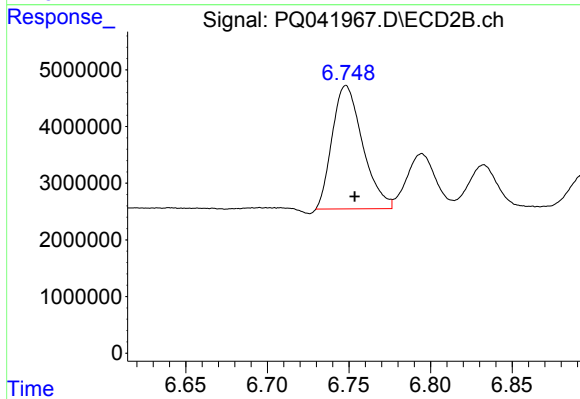
#23 AR-1248-3

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 26792260
Conc: 300.17 ng/ml



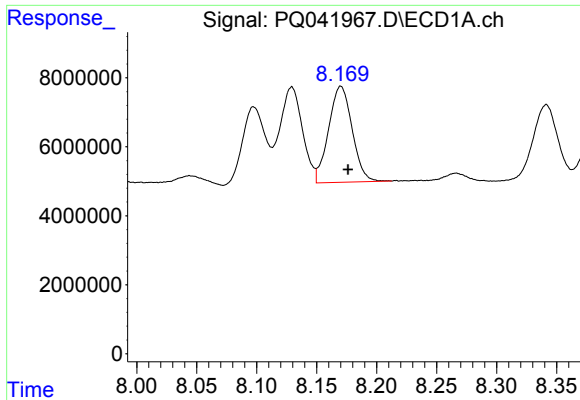
#24 AR-1248-4

R.T.: 8.129 min
Delta R.T.: -0.006 min
Response: 36673735
Conc: 234.55 ng/ml



#24 AR-1248-4

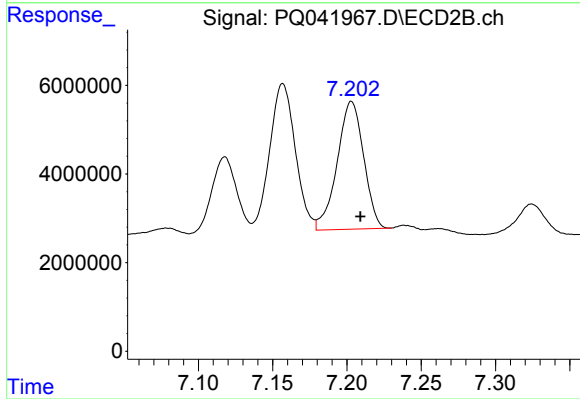
R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 28273871
Conc: 256.71 ng/ml



#25 AR-1248-5

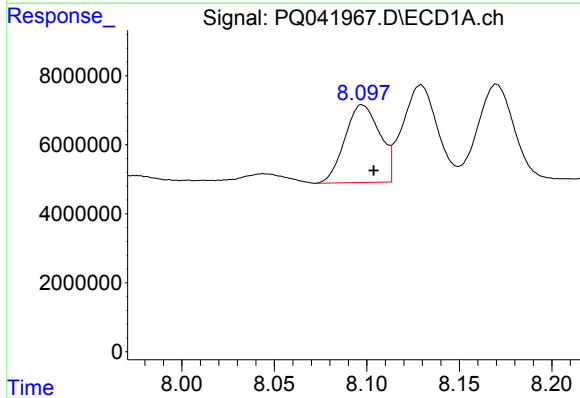
R.T.: 8.170 min
Delta R.T.: -0.006 min
Response: 38097023
Conc: 251.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



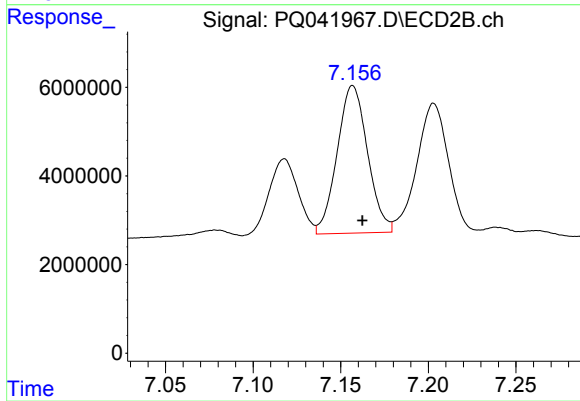
#25 AR-1248-5

R.T.: 7.203 min
Delta R.T.: -0.006 min
Response: 35798310
Conc: 279.29 ng/ml



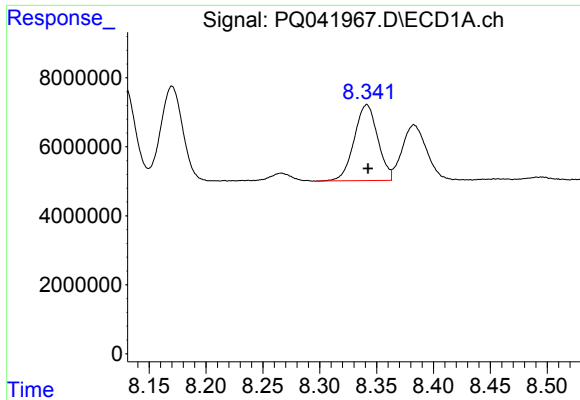
#26 AR-1254-1

R.T.: 8.097 min
Delta R.T.: -0.006 min
Response: 29735892
Conc: 213.75 ng/ml



#26 AR-1254-1

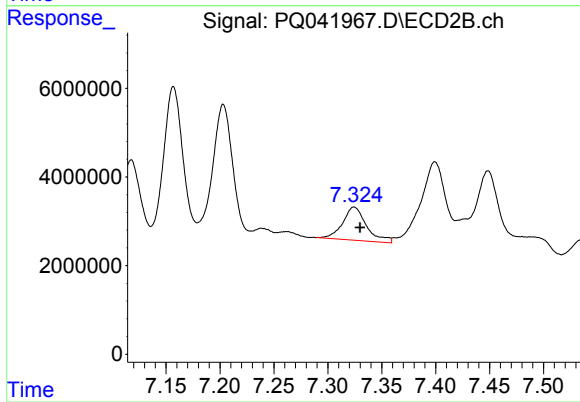
R.T.: 7.157 min
Delta R.T.: -0.006 min
Response: 40234006
Conc: 220.00 ng/ml



#27 AR-1254-2

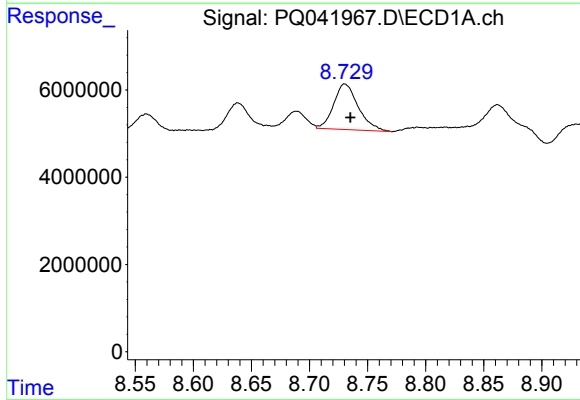
R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 31632591
Conc: 138.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



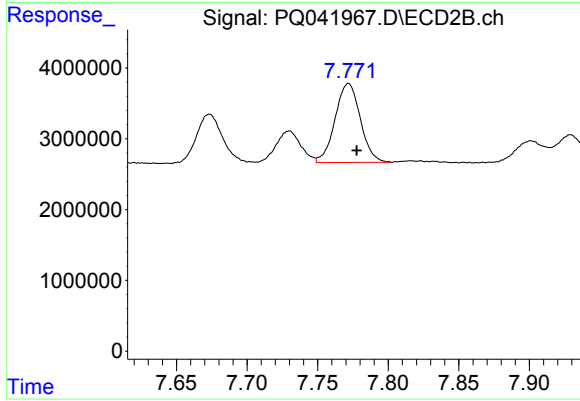
#27 AR-1254-2

R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 11534129
Conc: 71.25 ng/ml



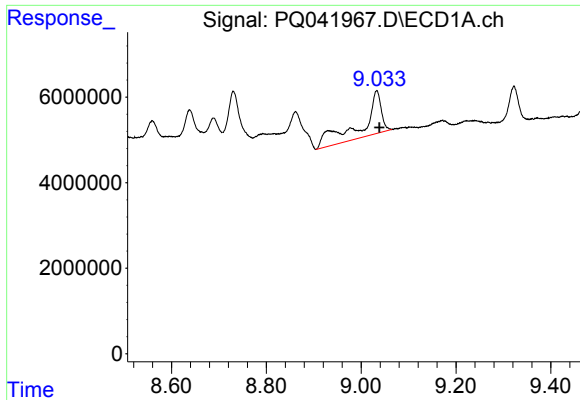
#28 AR-1254-3

R.T.: 8.730 min
Delta R.T.: -0.005 min
Response: 15434435
Conc: 56.45 ng/ml



#28 AR-1254-3

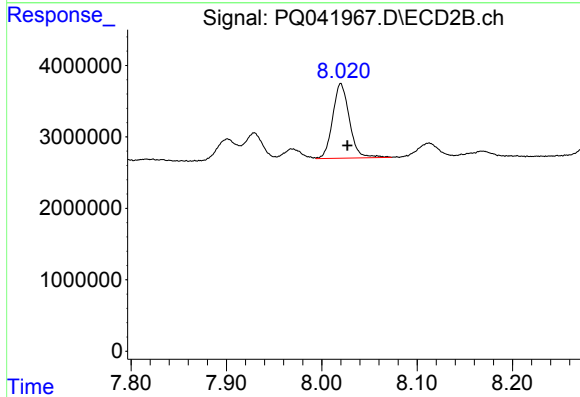
R.T.: 7.772 min
Delta R.T.: -0.006 min
Response: 13904889
Conc: 48.21 ng/ml



#29 AR-1254-4

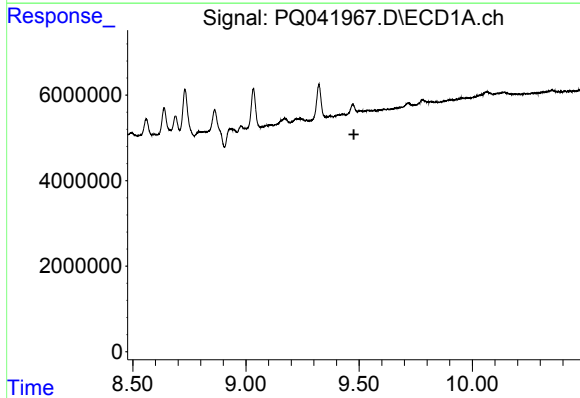
R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 28808528
Conc: 117.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



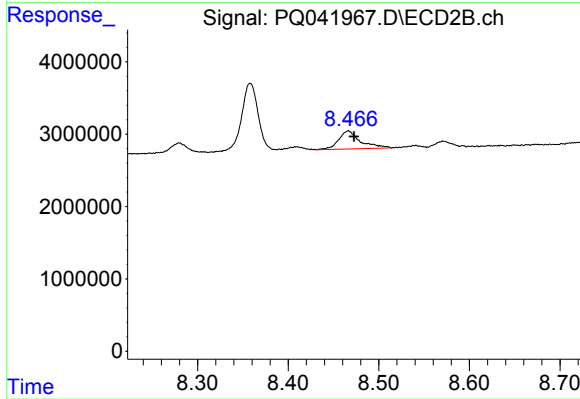
#29 AR-1254-4

R.T.: 8.020 min
Delta R.T.: -0.007 min
Response: 12710802
Conc: 58.56 ng/ml



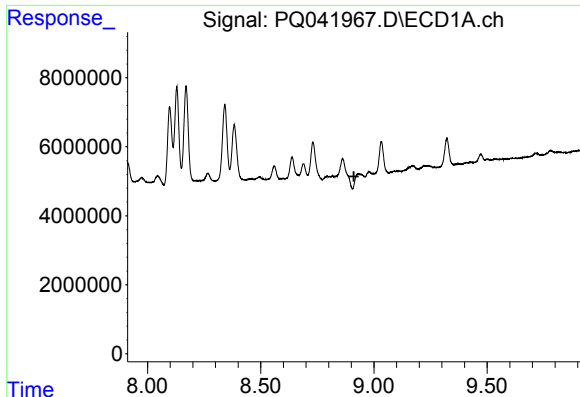
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.477 min
Response: 0
Conc: N.D.



#30 AR-1254-5

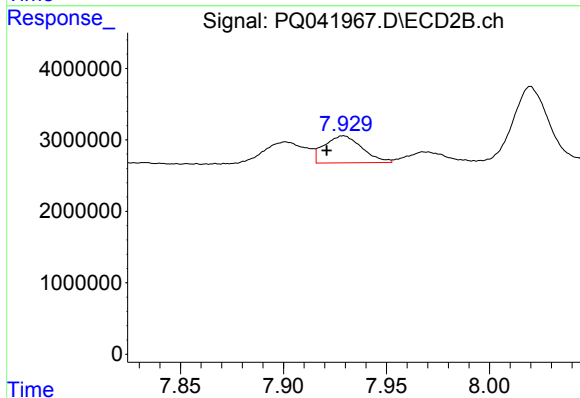
R.T.: 8.466 min
Delta R.T.: -0.006 min
Response: 4190312
Conc: 13.93 ng/ml



#31 AR-1260-1

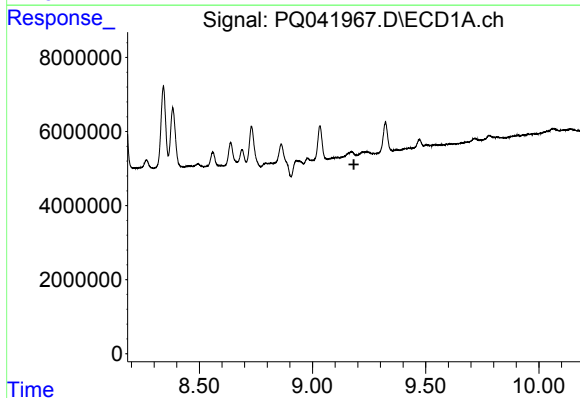
R.T.: 0.000 min
Exp R.T.: 8.912 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



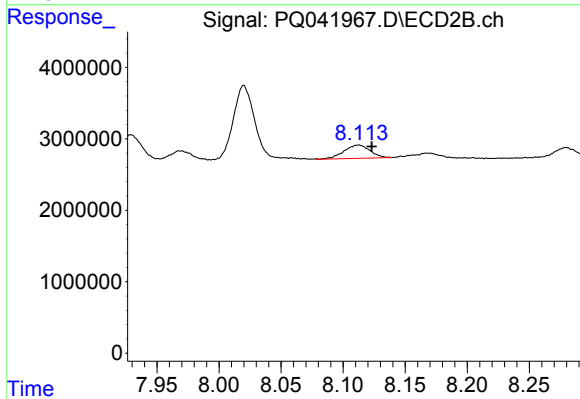
#31 AR-1260-1

R.T.: 7.929 min
Delta R.T.: 0.008 min
Response: 4823437
Conc: 26.59 ng/ml



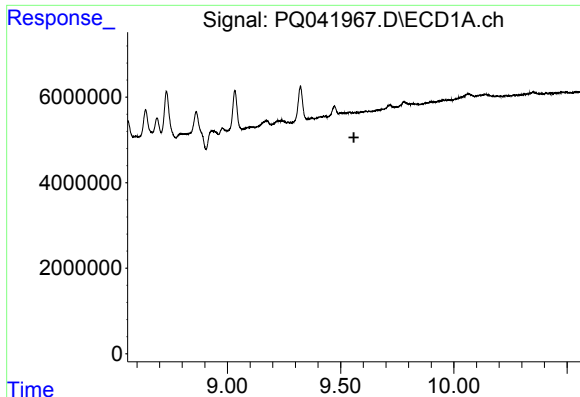
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 9.183 min
Response: 0
Conc: N.D.



#32 AR-1260-2

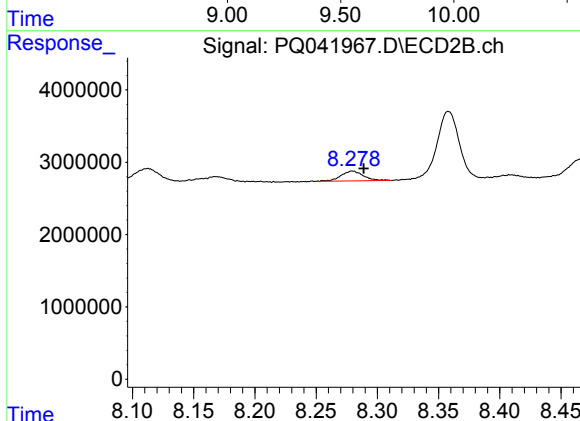
R.T.: 8.112 min
Delta R.T.: -0.011 min
Response: 2704445
Conc: 11.02 ng/ml



#33 AR-1260-3

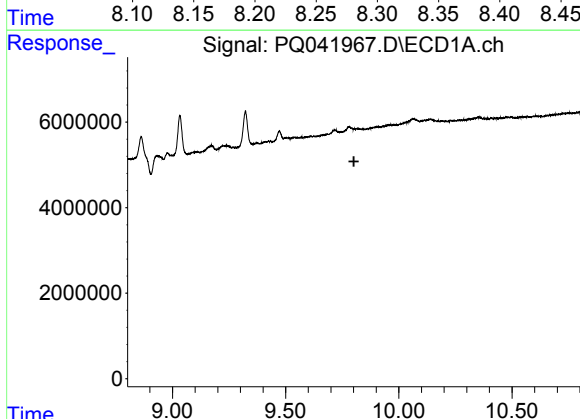
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



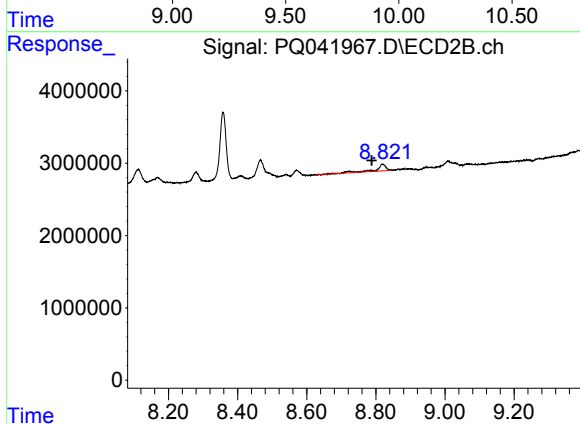
#33 AR-1260-3

R.T.: 8.280 min
Delta R.T.: -0.009 min
Response: 1735335
Conc: 8.16 ng/ml



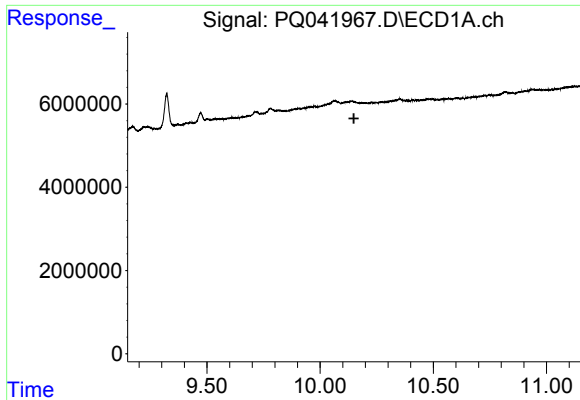
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.802 min
Response: 0
Conc: N.D.



#34 AR-1260-4

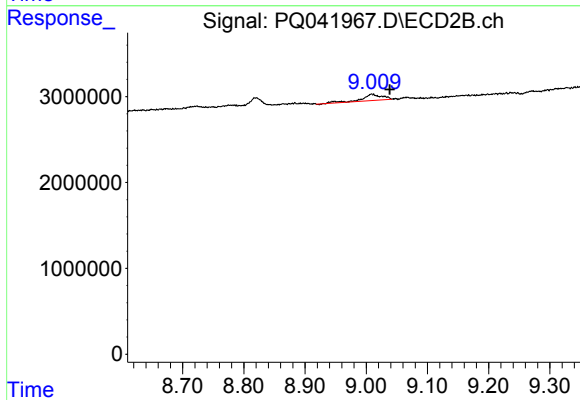
R.T.: 8.820 min
Delta R.T.: 0.032 min
Response: 1744870
Conc: 8.63 ng/ml



#35 AR-1260-5

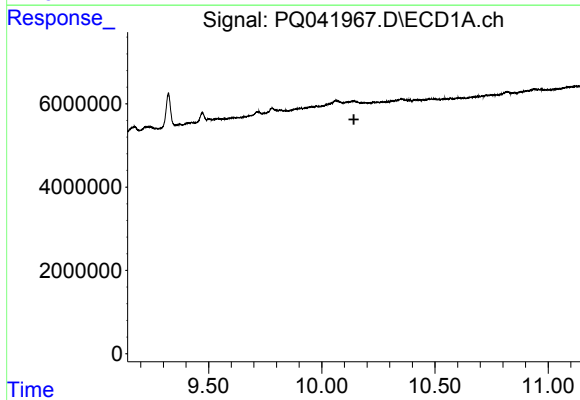
R.T.: 0.000 min
Exp R.T.: 10.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



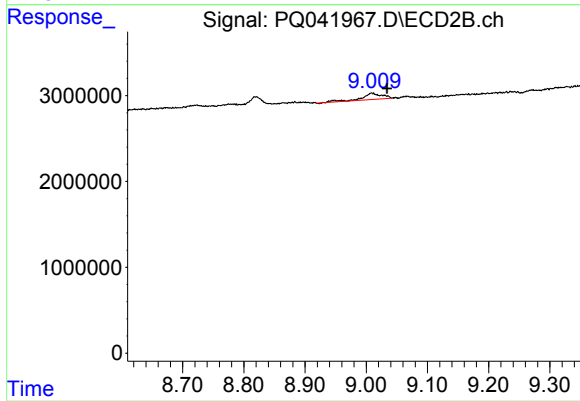
#35 AR-1260-5

R.T.: 9.009 min
Delta R.T.: -0.030 min
Response: 1614529
Conc: 2.74 ng/ml



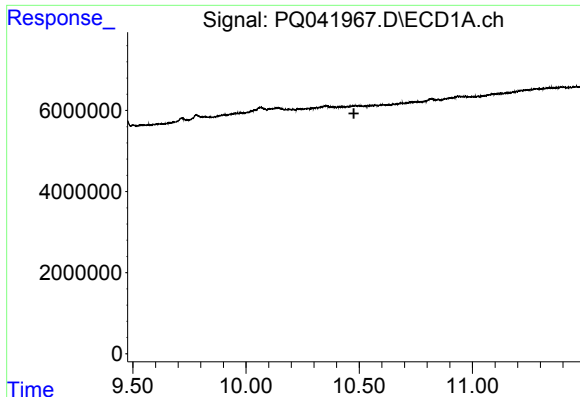
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 10.142 min
Response: 0
Conc: N.D.



#37 AR-1262-2

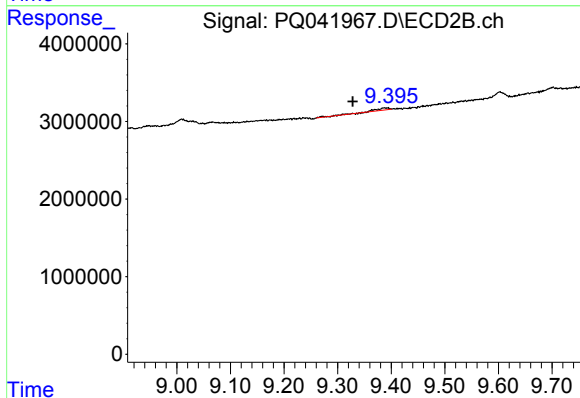
R.T.: 9.009 min
Delta R.T.: -0.026 min
Response: 1614529
Conc: 2.18 ng/ml



#38 AR-1262-3

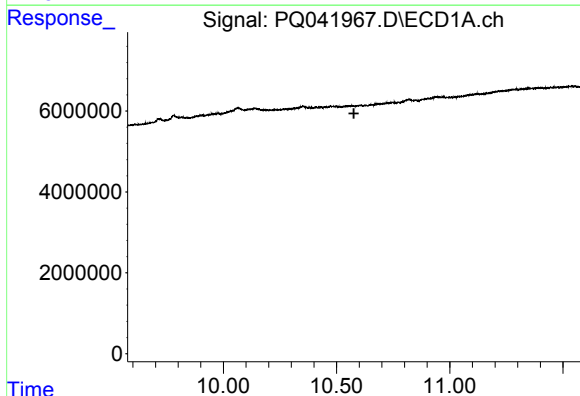
R.T.: 0.000 min
Exp R.T.: 10.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



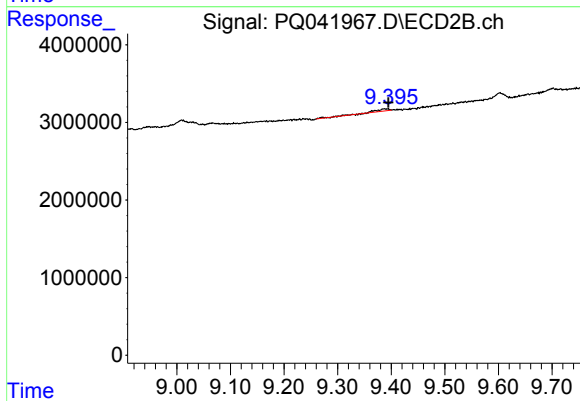
#38 AR-1262-3

R.T.: 9.387 min
Delta R.T.: 0.059 min
Response: 509482
Conc: 1.61 ng/ml



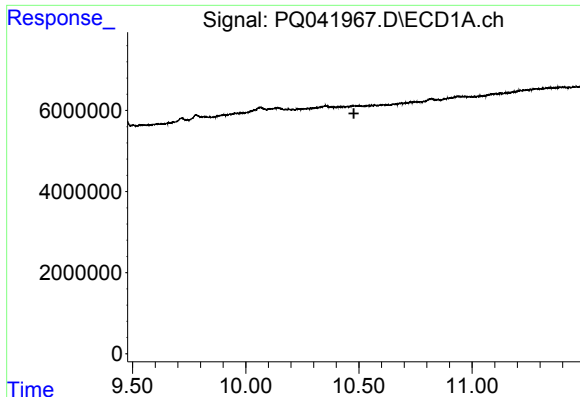
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.



#39 AR-1262-4

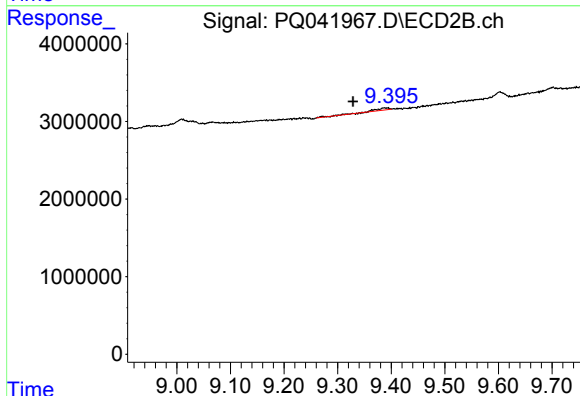
R.T.: 9.387 min
Delta R.T.: -0.007 min
Response: 509482
Conc: 0.91 ng/ml



#41 AR-1268-1

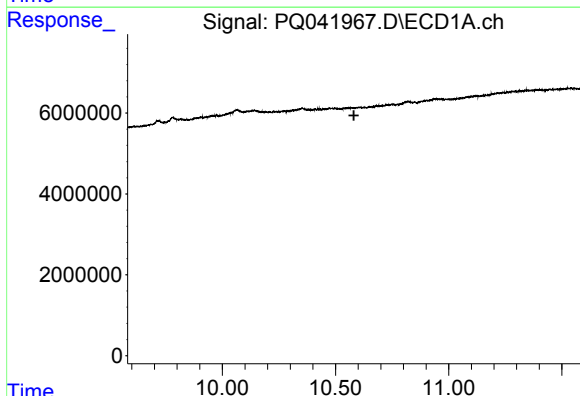
R.T.: 0.000 min
Exp R.T.: 10.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



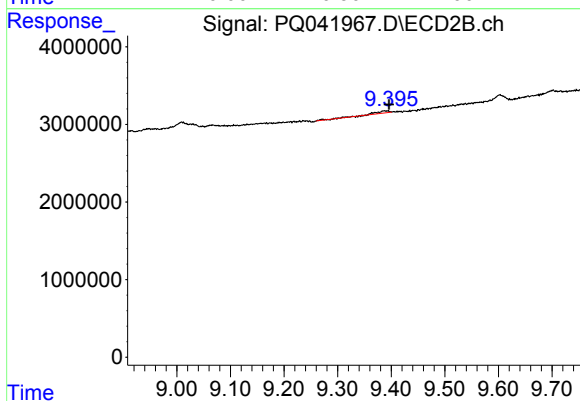
#41 AR-1268-1

R.T.: 9.387 min
Delta R.T.: 0.059 min
Response: 509482
Conc: 0.45 ng/ml



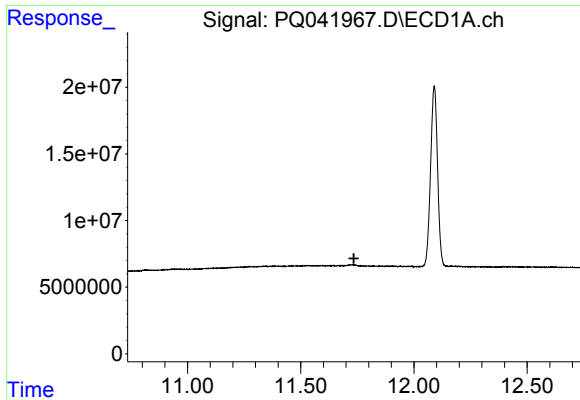
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.581 min
Response: 0
Conc: N.D.



#42 AR-1268-2

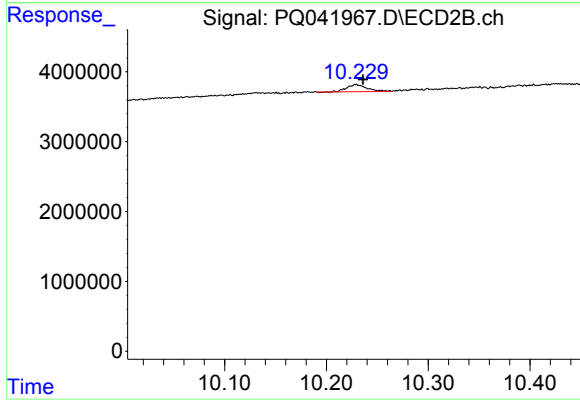
R.T.: 9.387 min
Delta R.T.: -0.008 min
Response: 509482
Conc: 0.50 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :
AR1242330



#45 AR-1268-5

R.T.: 10.229 min
Delta R.T.: -0.007 min
Response: 1402552
Conc: 0.54 ng/ml