

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 20:34
 Operator : SM\AJ
 Sample : K3850-05DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:02:48 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	4.758	0	6156271	N.D.	3.194 #
2)	SA Decachlor...	12.096	10.512	68700337	42425767	8.148	8.770
Target Compounds							
3)	L1 AR-1016-1	7.143	6.209	37085396	35169011	343.116	338.915
4)	L1 AR-1016-2	7.168	6.232	52201516	38063278	333.497	265.677
5)	L1 AR-1016-3	7.245	6.447	13480822	22737923	139.368	304.912 #
6)	L1 AR-1016-4	7.349	6.499	20901539	84001630	267.920	1354.640 #
7)	L1 AR-1016-5	7.685	6.752	87440078	83551749	1112.325	1026.392
10)	L2 AR-1221-3	0.000	5.284	0	2926680	N.D.	53.669 #
11)	L3 AR-1232-1	0.000	5.284	0	2926680	N.D.	60.609 #
12)	L3 AR-1232-2	6.827	6.232	20299452	38063278	617.818	667.451
13)	L3 AR-1232-3	7.168	6.447	52201516	22737923	781.888	762.518
14)	L3 AR-1232-4	7.349	6.548	20901539	80884512	651.613	3029.758 #
15)	L3 AR-1232-5	7.457	6.752	78485999	83551749	3652.164	2849.054
16)	L4 AR-1242-1	7.143	6.209	37085396	35169011	414.598	429.730
17)	L4 AR-1242-2	7.168	6.232	52201516	38063278	405.949	337.029
18)	L4 AR-1242-3	7.245	6.447	13480822	22737923	166.253	384.914 #
19)	L4 AR-1242-4	7.349	6.548	20901539	80884512	325.125	1364.050 #
20)	L4 AR-1242-5	8.174	7.161	84234971	120.5E6	949.385	1356.682 #
21)	L5 AR-1248-1	7.143	6.209	37085396	35169011	500.234	530.422
22)	L5 AR-1248-2	7.457	6.499	78485999	84001630	850.675	963.457
23)	L5 AR-1248-3	7.685	6.548	87440078	80884512	780.427	906.211
24)	L5 AR-1248-4	8.132	6.752	69932792	83551749	447.260	758.586 #
25)	L5 AR-1248-5	8.174	7.207	84234971	68043218	556.656	530.863
26)	L6 AR-1254-1	8.101	7.161	75940619	120.5E6	545.885	658.697
27)	L6 AR-1254-2	8.342	7.329	115.2E6	58976282	503.514	364.341 #
28)	L6 AR-1254-3	8.734	7.776	113.5E6	133.2E6	415.157	461.970
29)	L6 AR-1254-4	9.037	8.024	68551617	67060045	278.467	308.929
30)	L6 AR-1254-5	9.473	8.470	47742162	58814466	176.271	195.547
31)	L7 AR-1260-1	8.906	7.918	31391265	55317021	176.469	304.895 #
32)	L7 AR-1260-2	9.176	8.120	56991348	36052152	225.909	146.950 #
33)	L7 AR-1260-3	0.000	8.284	0	34425453	N.D.	161.791 #
34)	L7 AR-1260-4	9.785	8.782	29851084	11883389	116.906	58.745 #
35)	L7 AR-1260-5	10.141	9.033	25740974	33493515	38.215	56.749 #
36)	L8 AR-1262-1	0.000	8.568	0	12481330	N.D.	86.999 #
37)	L8 AR-1262-2	10.141	9.033	25740974	33493515	29.404	45.197 #
38)	L8 AR-1262-3	10.496	9.328	19498813	13291363	30.706	42.012 #
39)	L8 AR-1262-4	0.000	9.395	0	22985306	N.D.	40.872 #
40)	L8 AR-1262-5	0.000	9.917	0	9187104	N.D.	32.167 #
41)	L9 AR-1268-1	10.496	9.328	19498813	13291363	13.688	11.627
42)	L9 AR-1268-2	0.000	9.395	0	22985306	N.D.	22.391 #
43)	L9 AR-1268-3	0.000	9.608	0	1203254	N.D.	1.385 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 20:34
 Operator : SM\AJ
 Sample : K3850-05DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

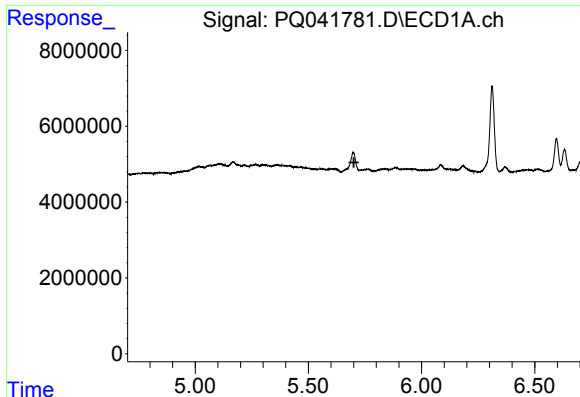
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:02:48 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	0.000	9.917	0	9187104	N.D.	23.883 #
45) L9	AR-1268-5	0.000	10.235	0	9834077	N.D.	3.786 #

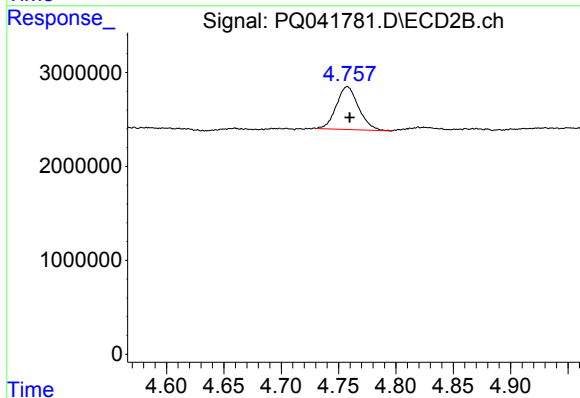
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

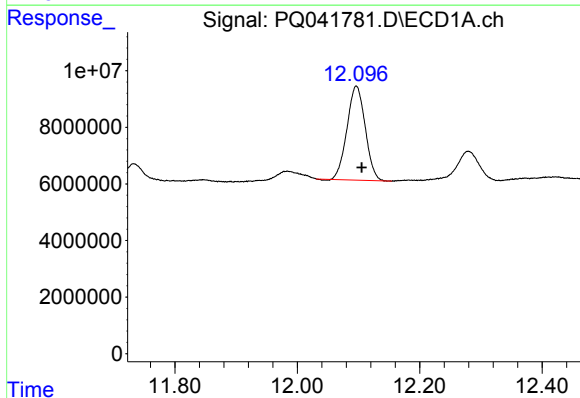
R.T.: 0.000 min
Exp R.T.: 5.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



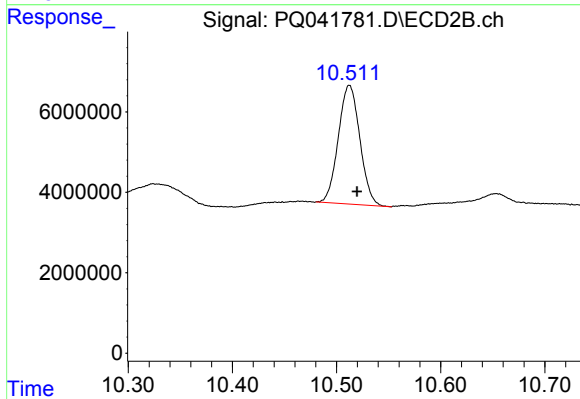
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 6156271
Conc: 3.19 ng/ml



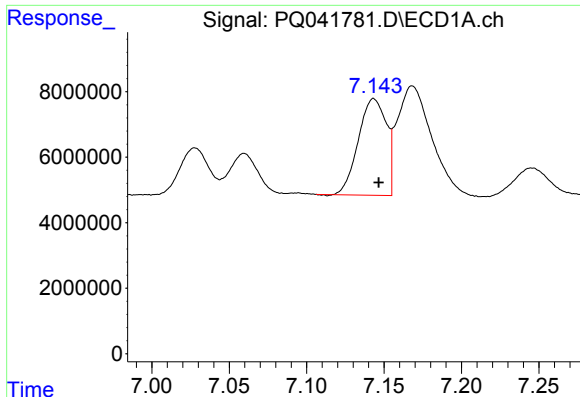
#2 Decachlorobiphenyl

R.T.: 12.096 min
Delta R.T.: -0.009 min
Response: 68700337
Conc: 8.15 ng/ml



#2 Decachlorobiphenyl

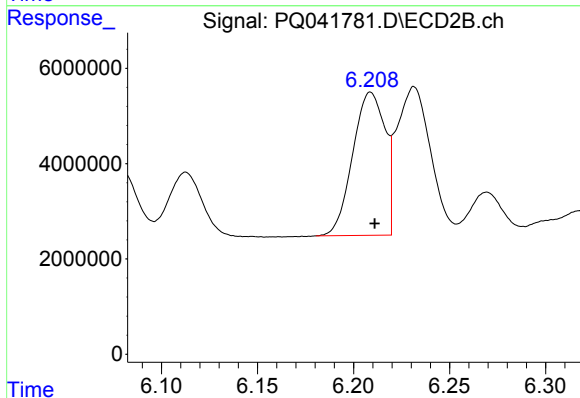
R.T.: 10.512 min
Delta R.T.: -0.007 min
Response: 42425767
Conc: 8.77 ng/ml



#3 AR-1016-1

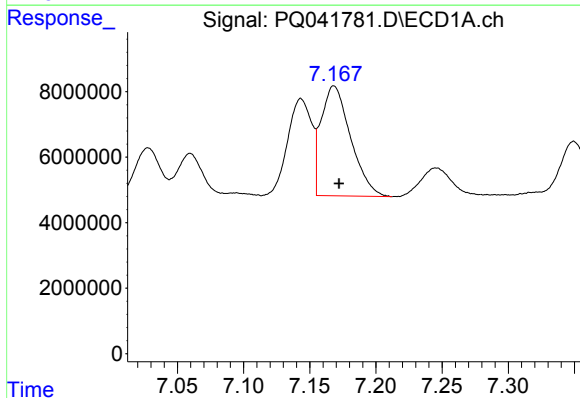
R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 37085396
Conc: 343.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



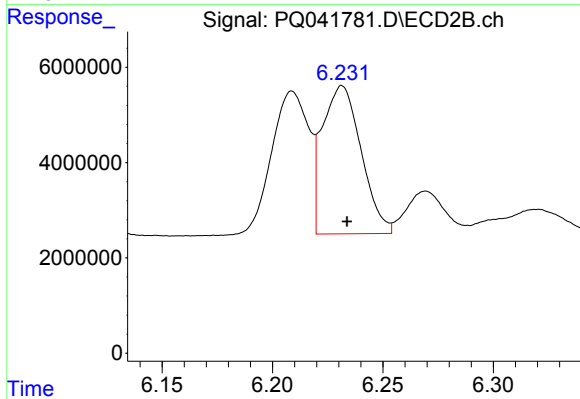
#3 AR-1016-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 35169011
Conc: 338.92 ng/ml



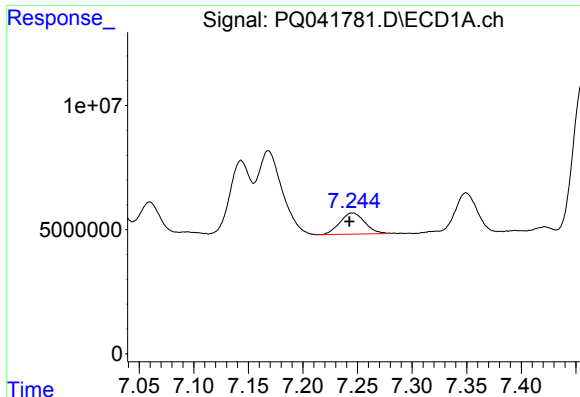
#4 AR-1016-2

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 52201516
Conc: 333.50 ng/ml



#4 AR-1016-2

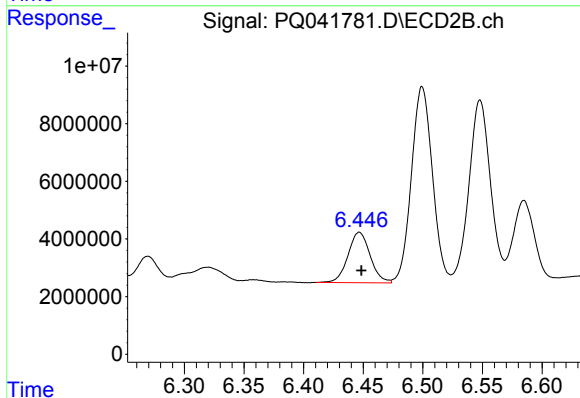
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 38063278
Conc: 265.68 ng/ml



#5 AR-1016-3

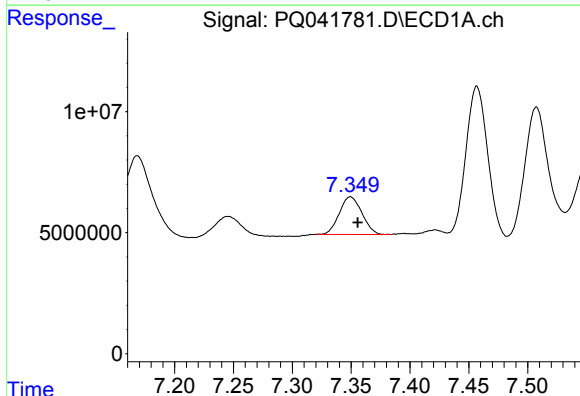
R.T.: 7.245 min
Delta R.T.: 0.003 min
Response: 13480822
Conc: 139.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



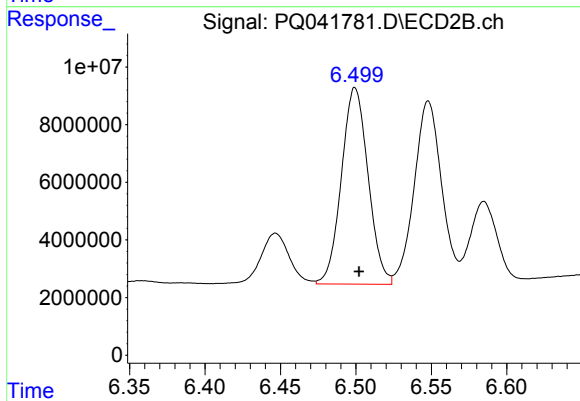
#5 AR-1016-3

R.T.: 6.447 min
Delta R.T.: -0.002 min
Response: 22737923
Conc: 304.91 ng/ml



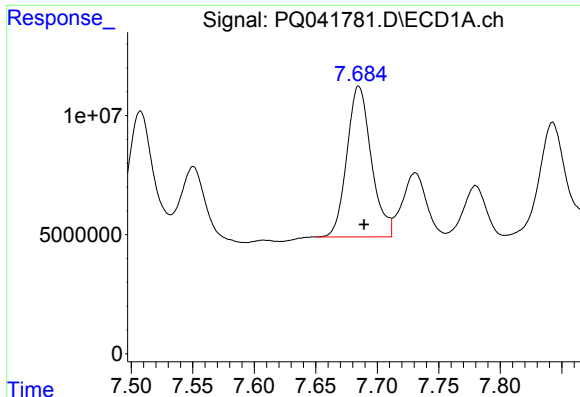
#6 AR-1016-4

R.T.: 7.349 min
Delta R.T.: -0.006 min
Response: 20901539
Conc: 267.92 ng/ml



#6 AR-1016-4

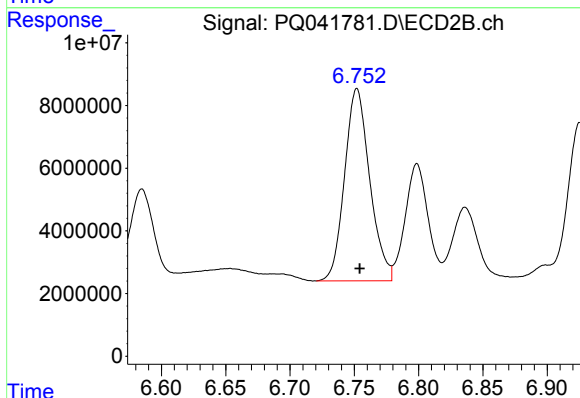
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 84001630
Conc: 1354.64 ng/ml



#7 AR-1016-5

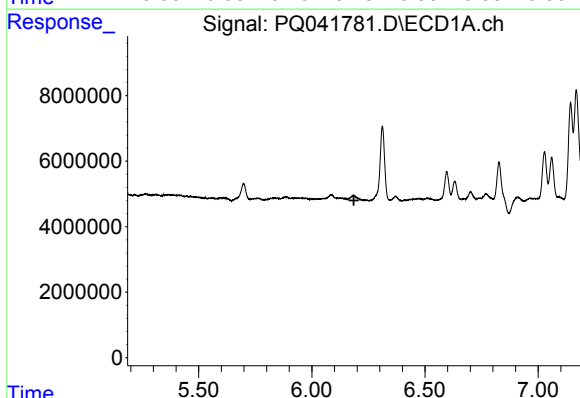
R.T.: 7.685 min
Delta R.T.: -0.004 min
Response: 87440078
Conc: 1112.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



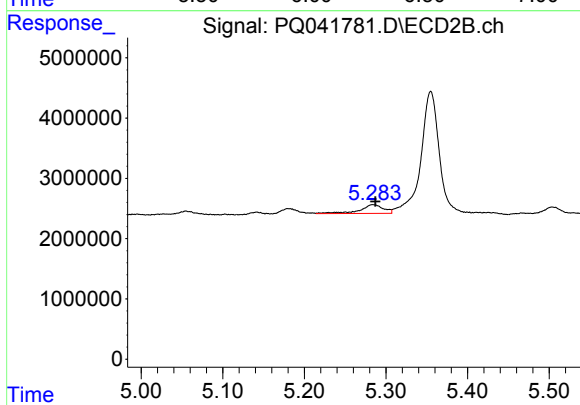
#7 AR-1016-5

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 83551749
Conc: 1026.39 ng/ml



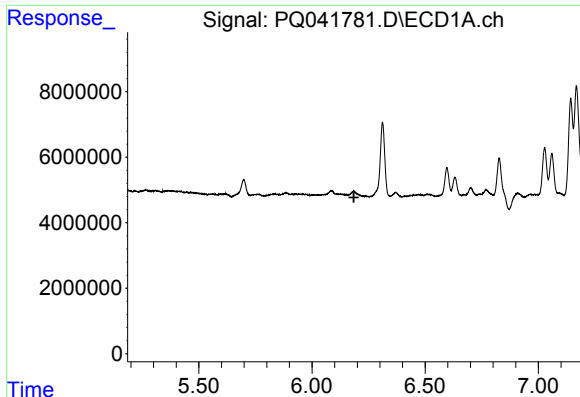
#10 AR-1221-3

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



#10 AR-1221-3

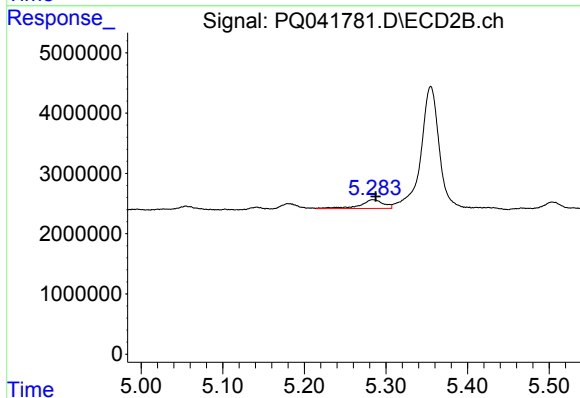
R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 2926680
Conc: 53.67 ng/ml



#11 AR-1232-1

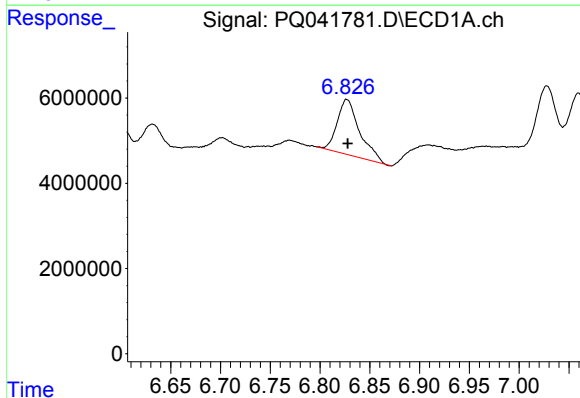
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



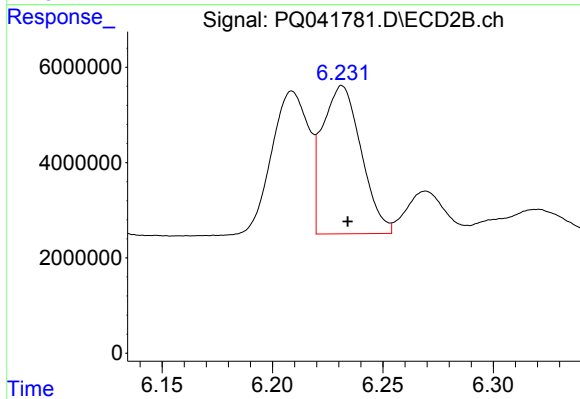
#11 AR-1232-1

R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 2926680
Conc: 60.61 ng/ml



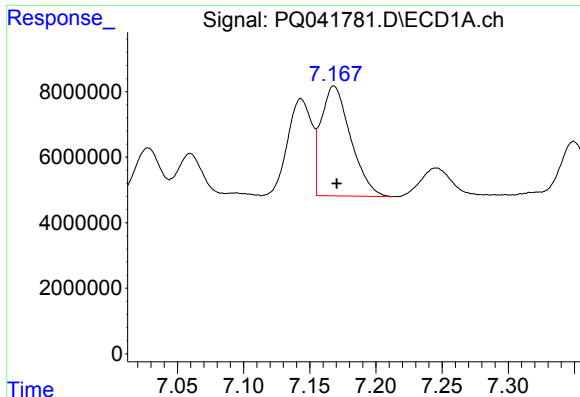
#12 AR-1232-2

R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 20299452
Conc: 617.82 ng/ml



#12 AR-1232-2

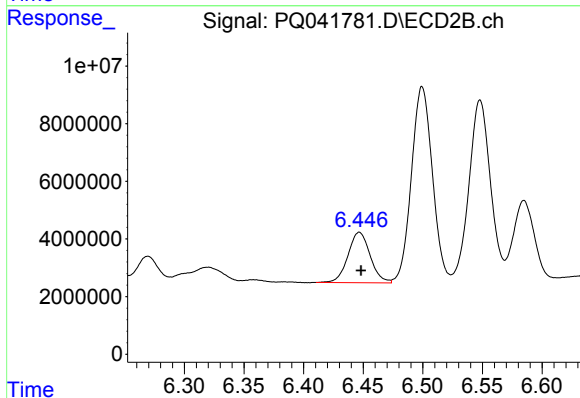
R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 38063278
Conc: 667.45 ng/ml



#13 AR-1232-3

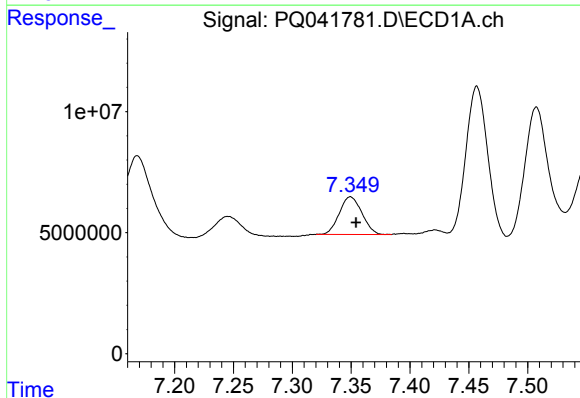
R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 52201516
Conc: 781.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



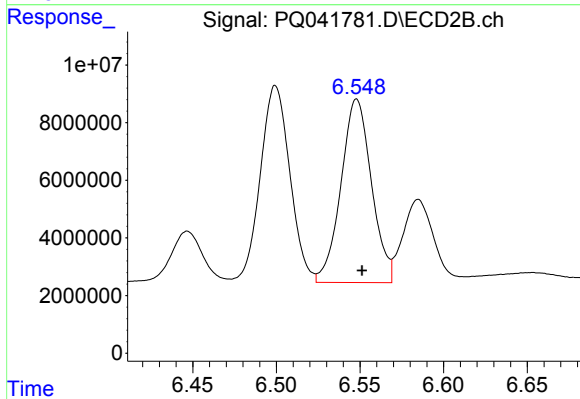
#13 AR-1232-3

R.T.: 6.447 min
Delta R.T.: -0.001 min
Response: 22737923
Conc: 762.52 ng/ml



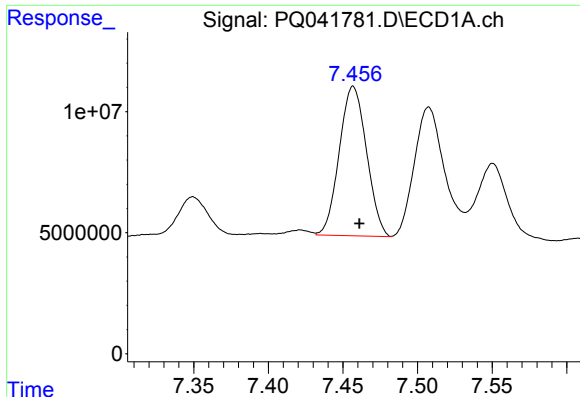
#14 AR-1232-4

R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 20901539
Conc: 651.61 ng/ml



#14 AR-1232-4

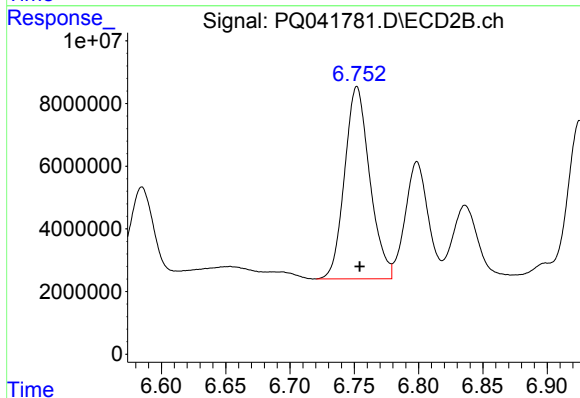
R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 80884512
Conc: 3029.76 ng/ml



#15 AR-1232-5

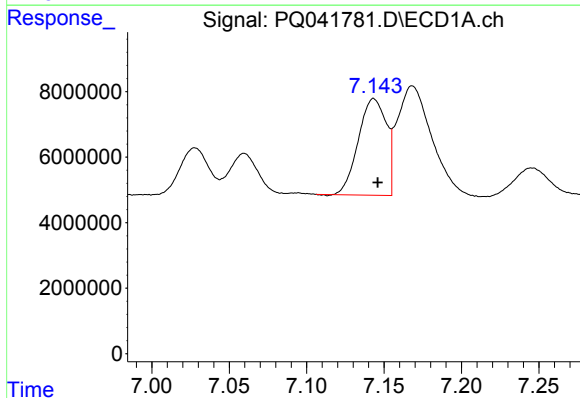
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 78485999
Conc: 3652.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



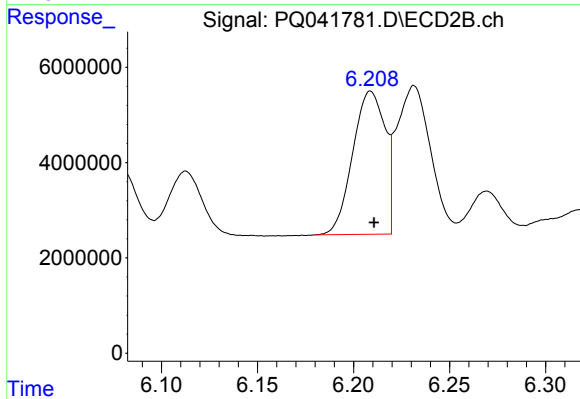
#15 AR-1232-5

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 83551749
Conc: 2849.05 ng/ml



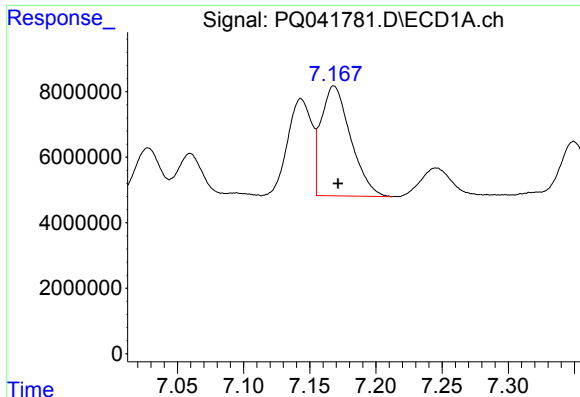
#16 AR-1242-1

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 37085396
Conc: 414.60 ng/ml



#16 AR-1242-1

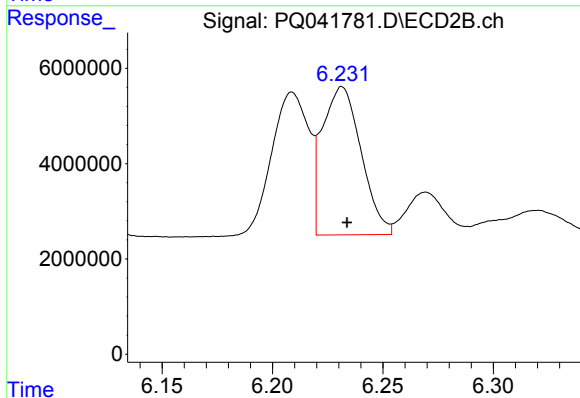
R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 35169011
Conc: 429.73 ng/ml



#17 AR-1242-2

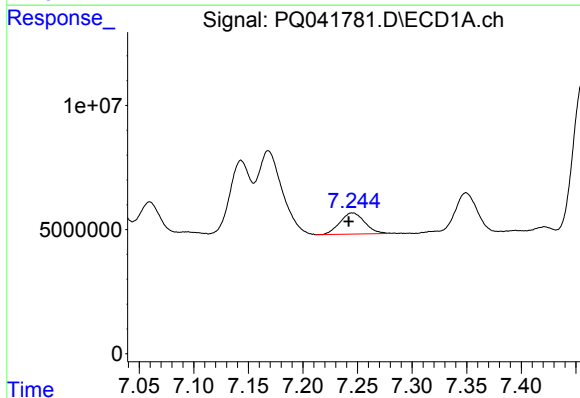
R.T.: 7.168 min
Delta R.T.: -0.003 min
Response: 52201516
Conc: 405.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



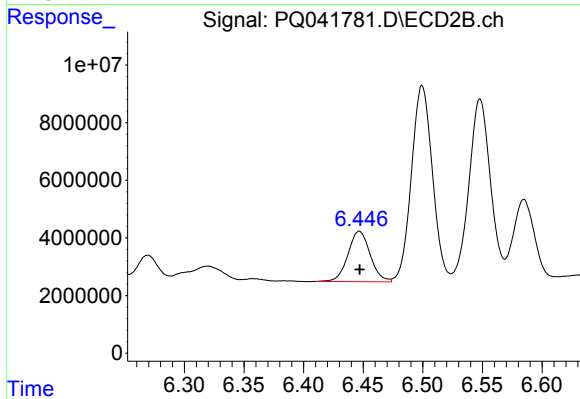
#17 AR-1242-2

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 38063278
Conc: 337.03 ng/ml



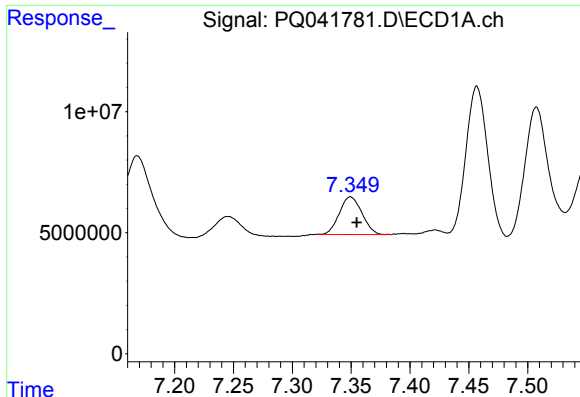
#18 AR-1242-3

R.T.: 7.245 min
Delta R.T.: 0.003 min
Response: 13480822
Conc: 166.25 ng/ml



#18 AR-1242-3

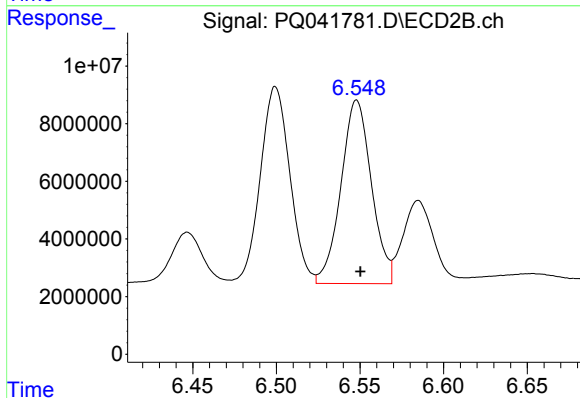
R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 22737923
Conc: 384.91 ng/ml



#19 AR-1242-4

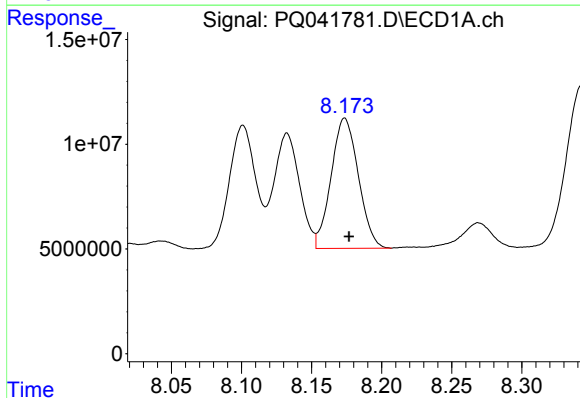
R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 20901539
Conc: 325.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



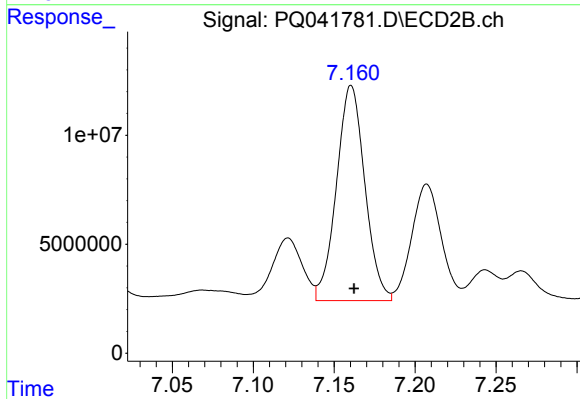
#19 AR-1242-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 80884512
Conc: 1364.05 ng/ml



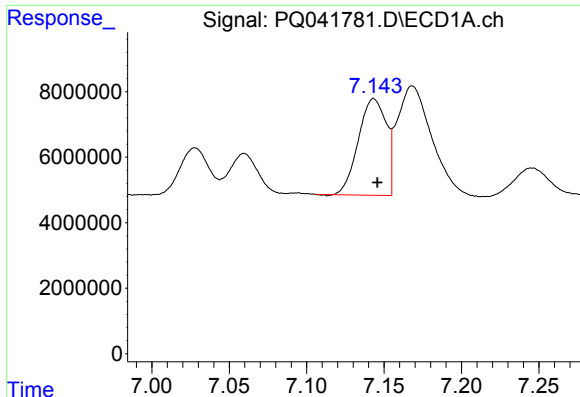
#20 AR-1242-5

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 84234971
Conc: 949.38 ng/ml



#20 AR-1242-5

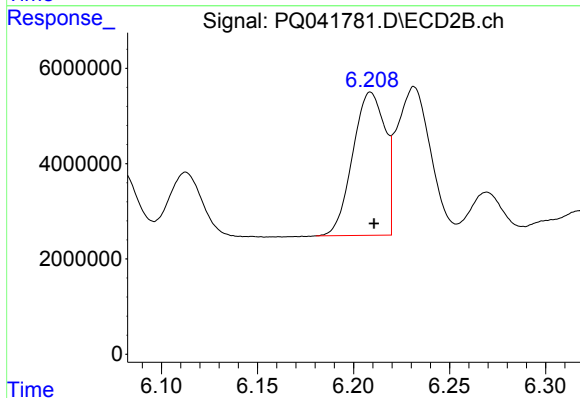
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 120465512
Conc: 1356.68 ng/ml



#21 AR-1248-1

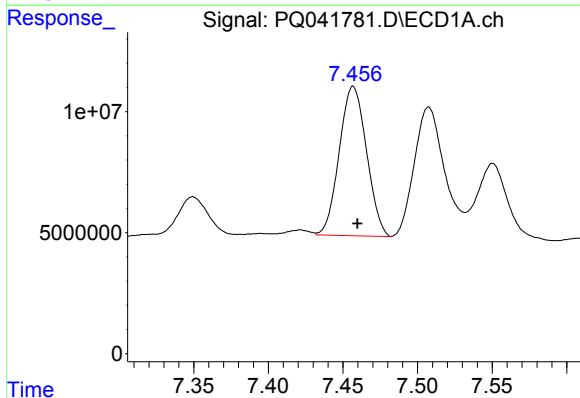
R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 37085396
Conc: 500.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



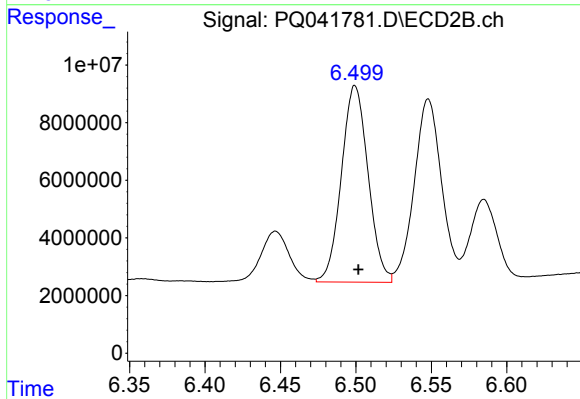
#21 AR-1248-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 35169011
Conc: 530.42 ng/ml



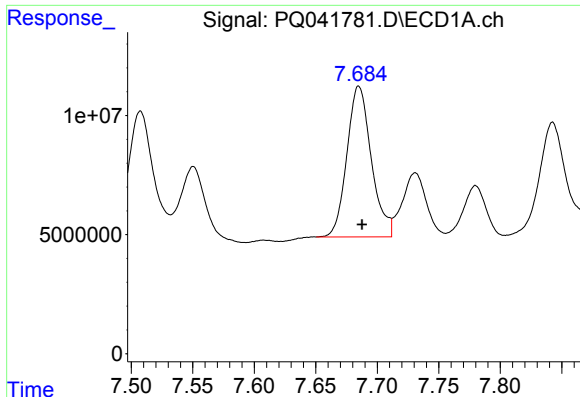
#22 AR-1248-2

R.T.: 7.457 min
Delta R.T.: -0.003 min
Response: 78485999
Conc: 850.68 ng/ml



#22 AR-1248-2

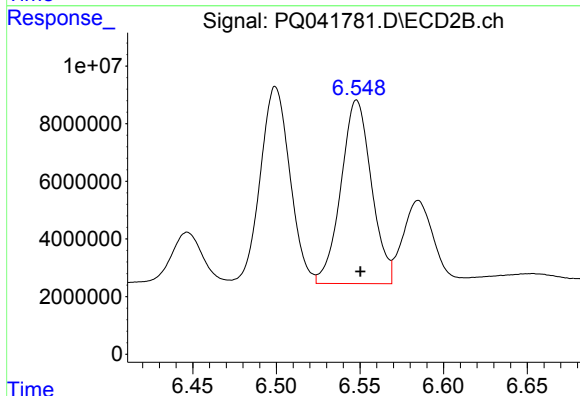
R.T.: 6.499 min
Delta R.T.: -0.002 min
Response: 84001630
Conc: 963.46 ng/ml



#23 AR-1248-3

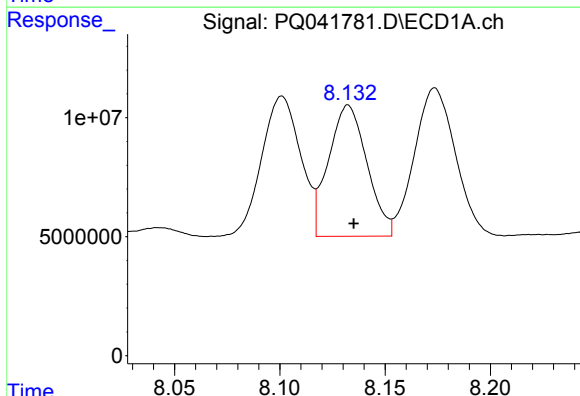
R.T.: 7.685 min
Delta R.T.: -0.003 min
Response: 87440078
Conc: 780.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



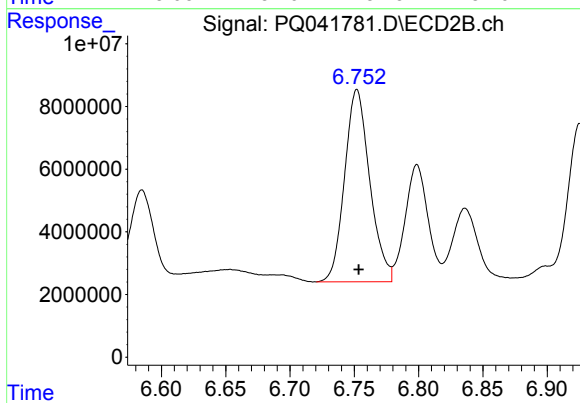
#23 AR-1248-3

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 80884512
Conc: 906.21 ng/ml



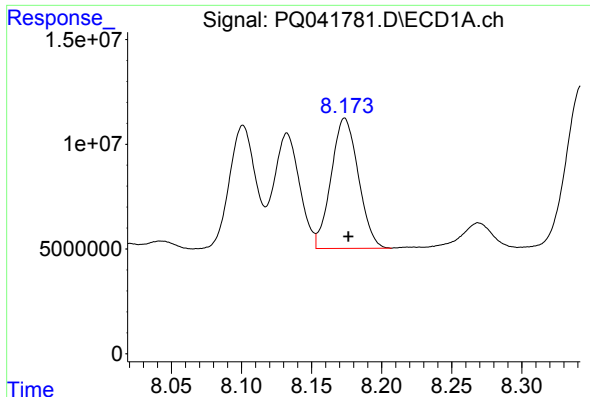
#24 AR-1248-4

R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 69932792
Conc: 447.26 ng/ml



#24 AR-1248-4

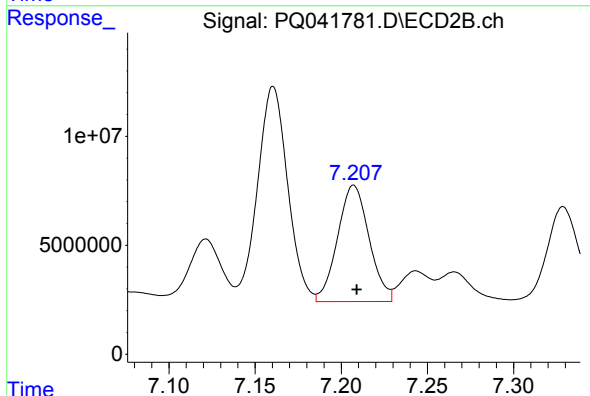
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 83551749
Conc: 758.59 ng/ml



#25 AR-1248-5

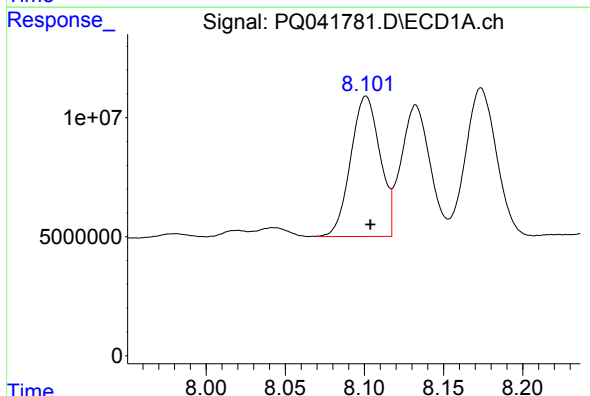
R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 84234971
Conc: 556.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



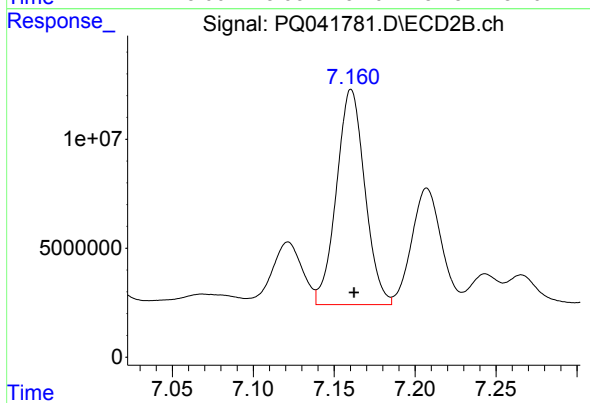
#25 AR-1248-5

R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 68043218
Conc: 530.86 ng/ml



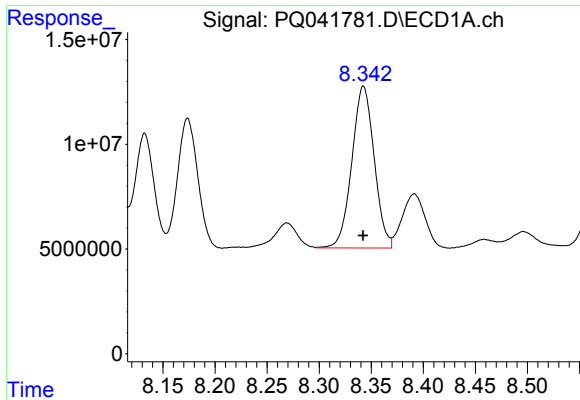
#26 AR-1254-1

R.T.: 8.101 min
Delta R.T.: -0.003 min
Response: 75940619
Conc: 545.88 ng/ml



#26 AR-1254-1

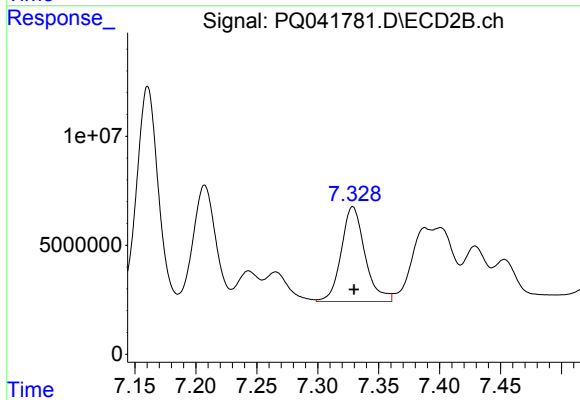
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 120465512
Conc: 658.70 ng/ml



#27 AR-1254-2

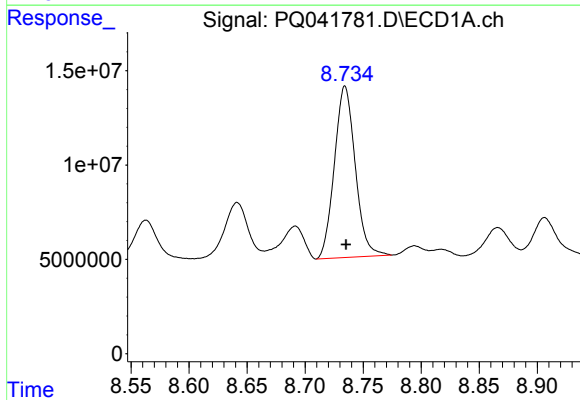
R.T.: 8.342 min
Delta R.T.: 0.000 min
Response: 115245694
Conc: 503.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



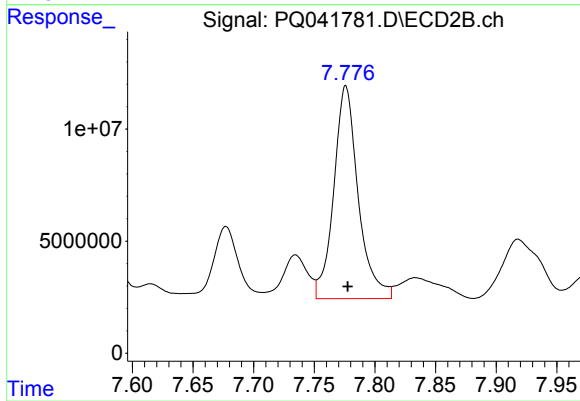
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 58976282
Conc: 364.34 ng/ml



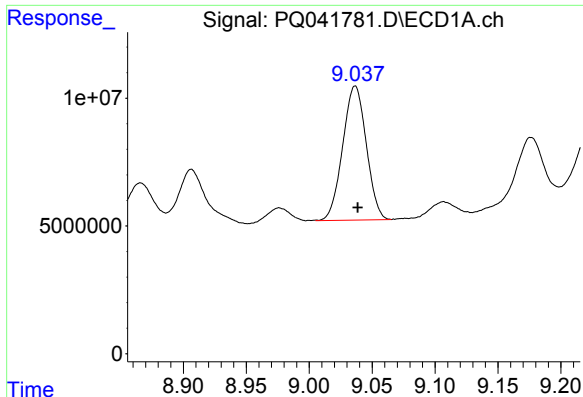
#28 AR-1254-3

R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 113514940
Conc: 415.16 ng/ml



#28 AR-1254-3

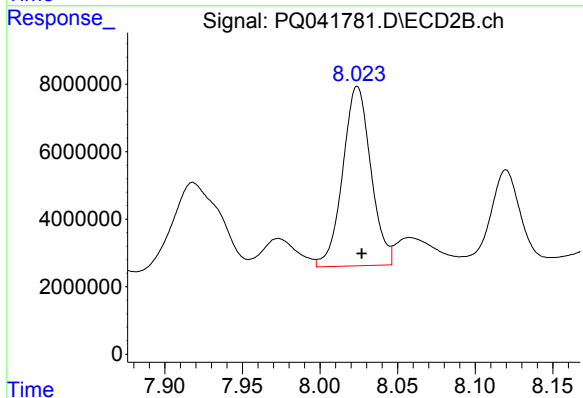
R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 133235459
Conc: 461.97 ng/ml



#29 AR-1254-4

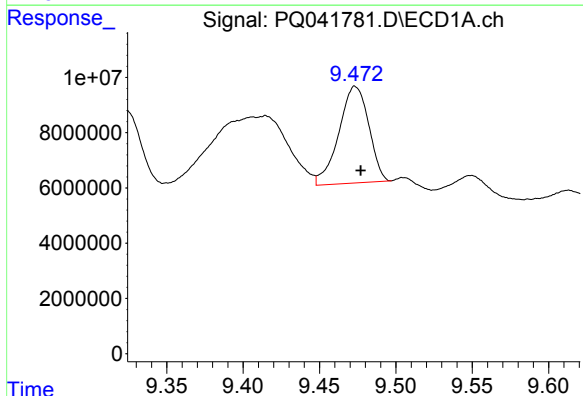
R.T.: 9.037 min
Delta R.T.: -0.002 min
Response: 68551617
Conc: 278.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



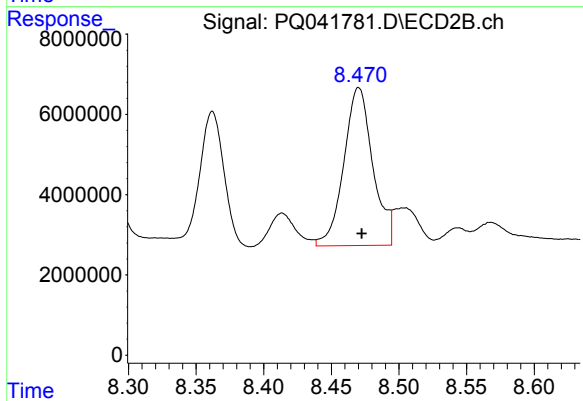
#29 AR-1254-4

R.T.: 8.024 min
Delta R.T.: -0.003 min
Response: 67060045
Conc: 308.93 ng/ml



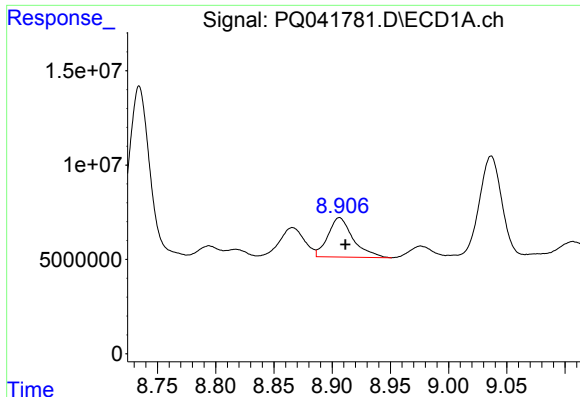
#30 AR-1254-5

R.T.: 9.473 min
Delta R.T.: -0.004 min
Response: 47742162
Conc: 176.27 ng/ml



#30 AR-1254-5

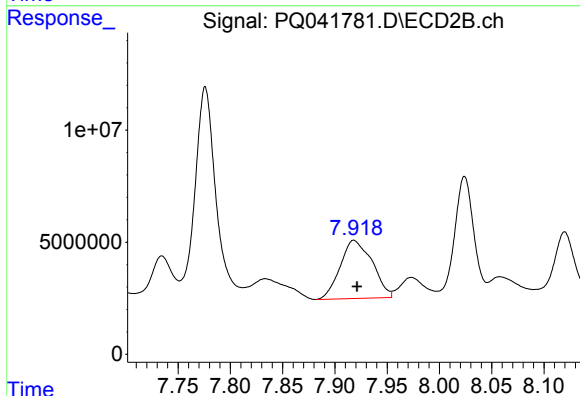
R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 58814466
Conc: 195.55 ng/ml



#31 AR-1260-1

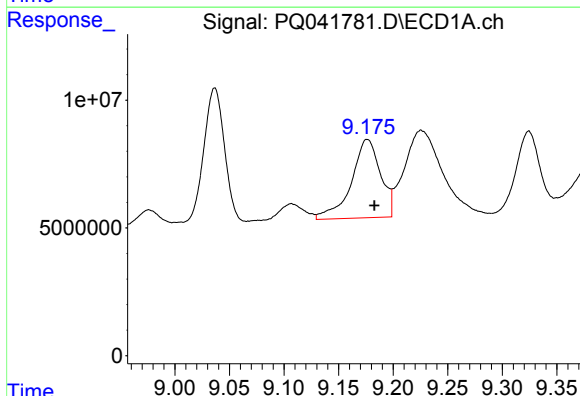
R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 31391265
Conc: 176.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



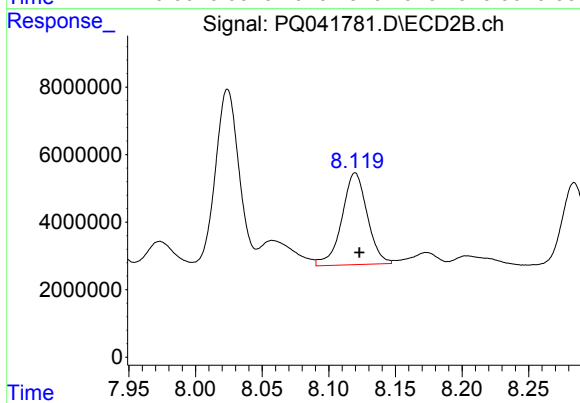
#31 AR-1260-1

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 55317021
Conc: 304.90 ng/ml



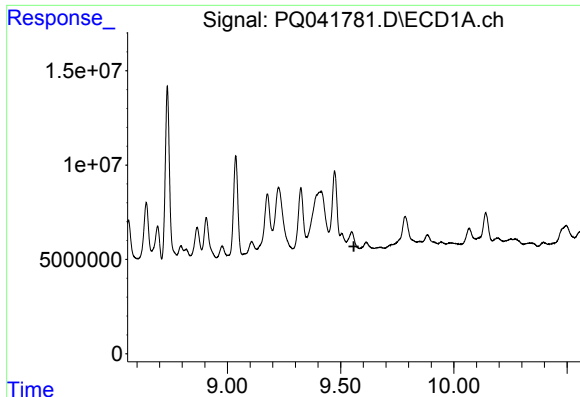
#32 AR-1260-2

R.T.: 9.176 min
Delta R.T.: -0.006 min
Response: 56991348
Conc: 225.91 ng/ml



#32 AR-1260-2

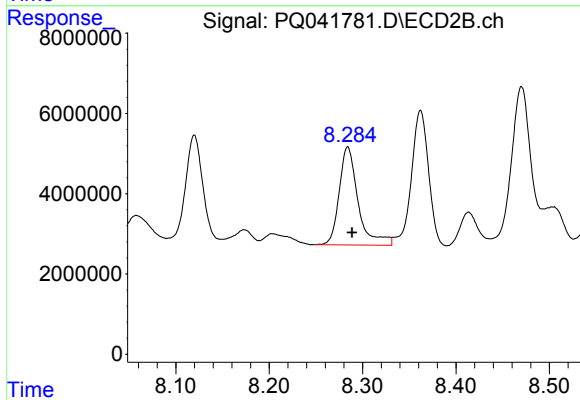
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 36052152
Conc: 146.95 ng/ml



#33 AR-1260-3

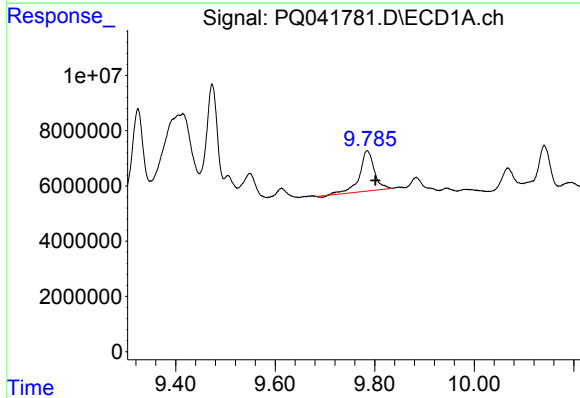
R.T.: 0.000 min
Exp R.T.: 9.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



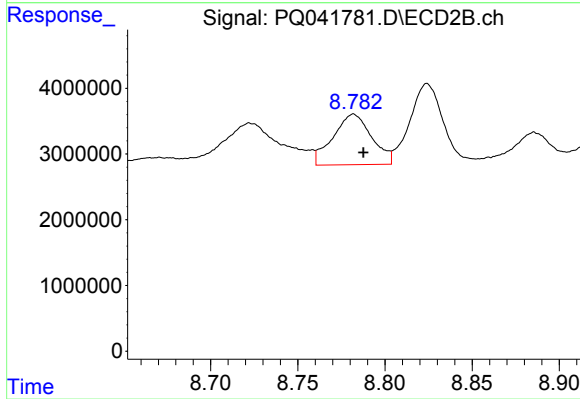
#33 AR-1260-3

R.T.: 8.284 min
Delta R.T.: -0.005 min
Response: 34425453
Conc: 161.79 ng/ml



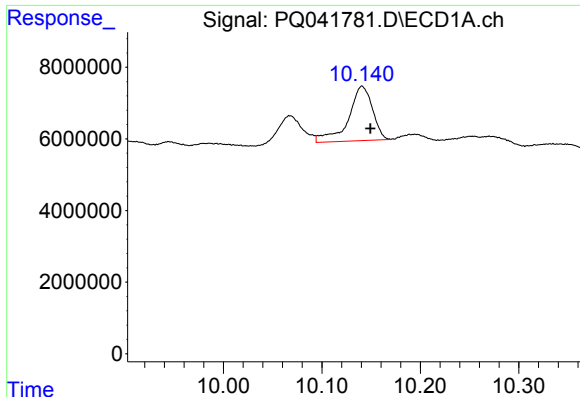
#34 AR-1260-4

R.T.: 9.785 min
Delta R.T.: -0.017 min
Response: 29851084
Conc: 116.91 ng/ml



#34 AR-1260-4

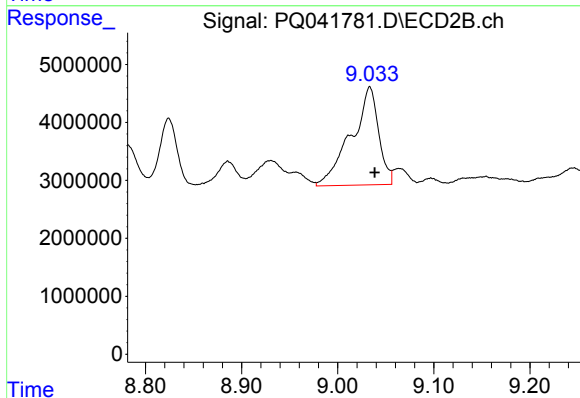
R.T.: 8.782 min
Delta R.T.: -0.006 min
Response: 11883389
Conc: 58.74 ng/ml



#35 AR-1260-5

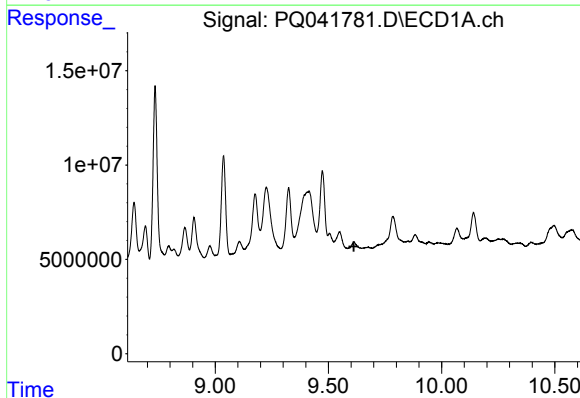
R.T.: 10.141 min
Delta R.T.: -0.008 min
Response: 25740974
Conc: 38.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



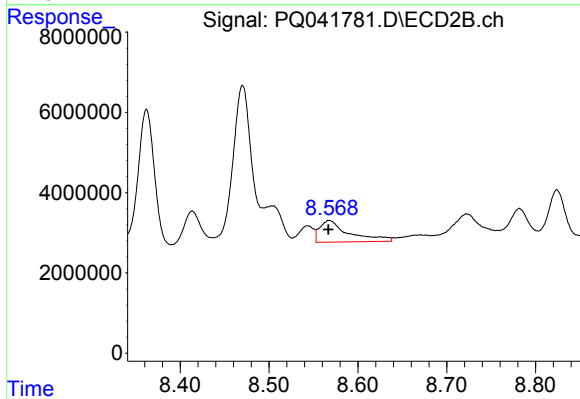
#35 AR-1260-5

R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 33493515
Conc: 56.75 ng/ml



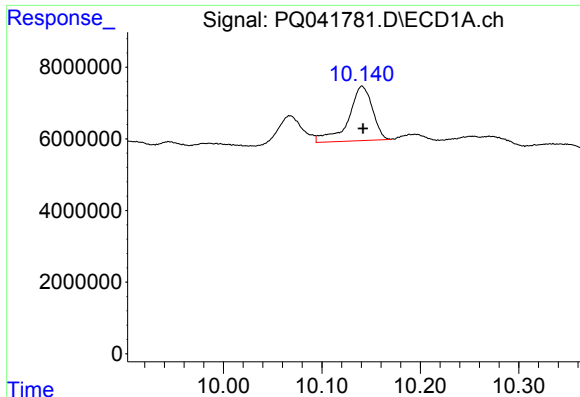
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.613 min
Response: 0
Conc: N.D.



#36 AR-1262-1

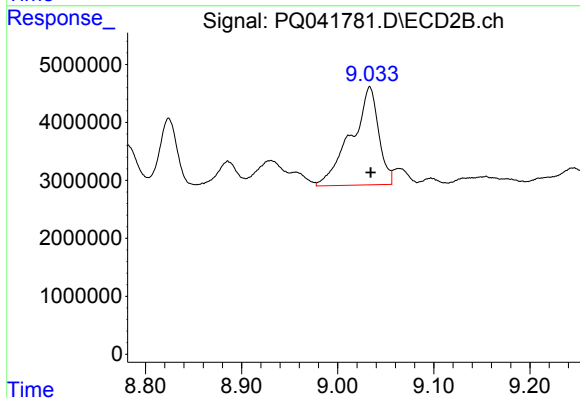
R.T.: 8.568 min
Delta R.T.: 0.001 min
Response: 12481330
Conc: 87.00 ng/ml



#37 AR-1262-2

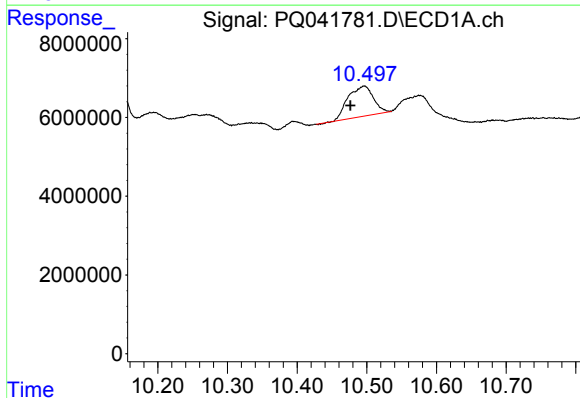
R.T.: 10.141 min
Delta R.T.: -0.001 min
Response: 25740974
Conc: 29.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



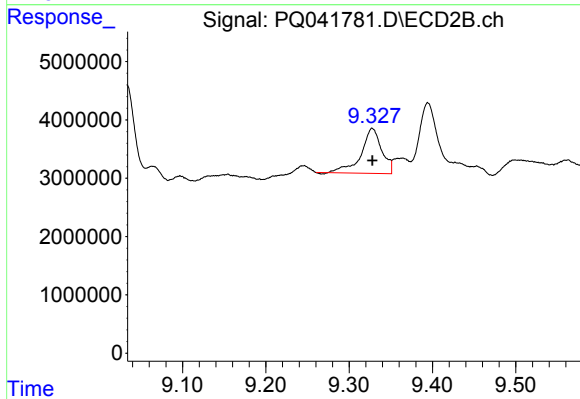
#37 AR-1262-2

R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 33493515
Conc: 45.20 ng/ml



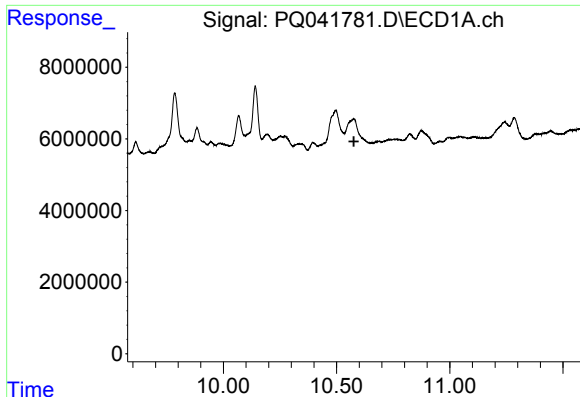
#38 AR-1262-3

R.T.: 10.496 min
Delta R.T.: 0.020 min
Response: 19498813
Conc: 30.71 ng/ml



#38 AR-1262-3

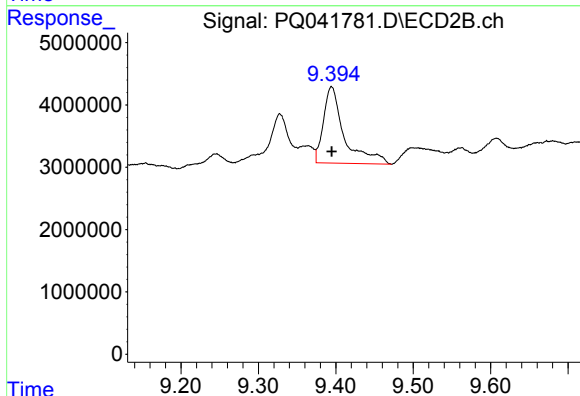
R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 13291363
Conc: 42.01 ng/ml



#39 AR-1262-4

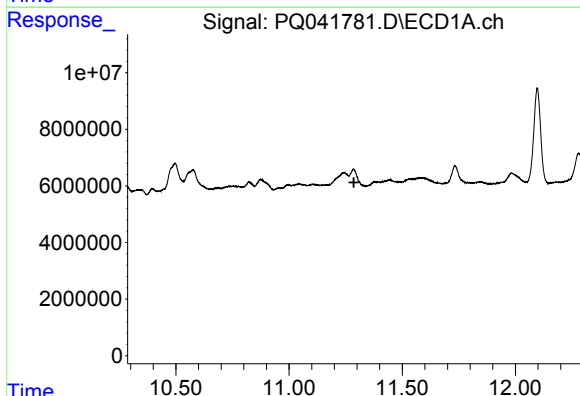
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



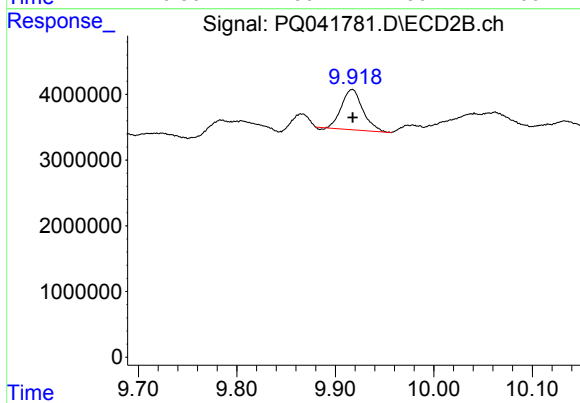
#39 AR-1262-4

R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 22985306
Conc: 40.87 ng/ml



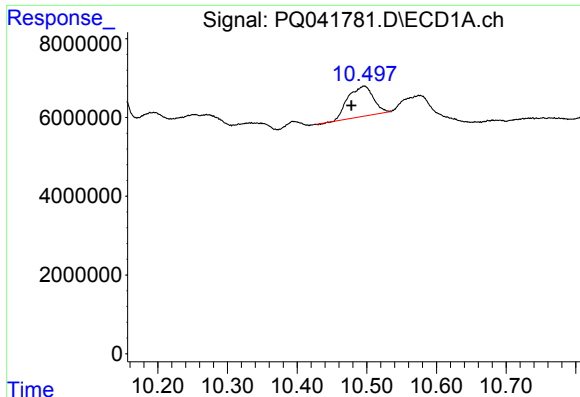
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.286 min
Response: 0
Conc: N.D.



#40 AR-1262-5

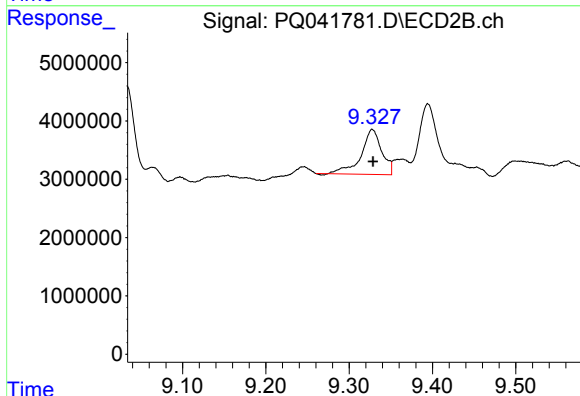
R.T.: 9.917 min
Delta R.T.: 0.000 min
Response: 9187104
Conc: 32.17 ng/ml



#41 AR-1268-1

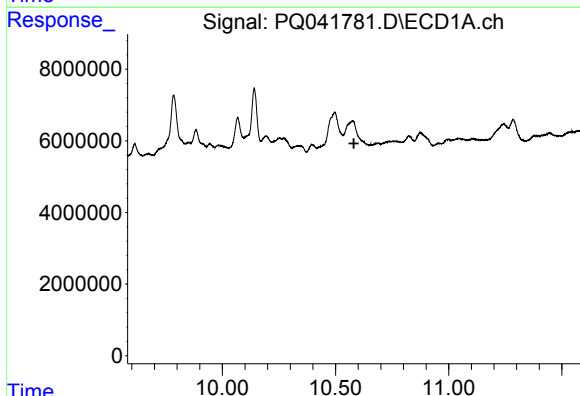
R.T.: 10.496 min
Delta R.T.: 0.019 min
Response: 19498813
Conc: 13.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



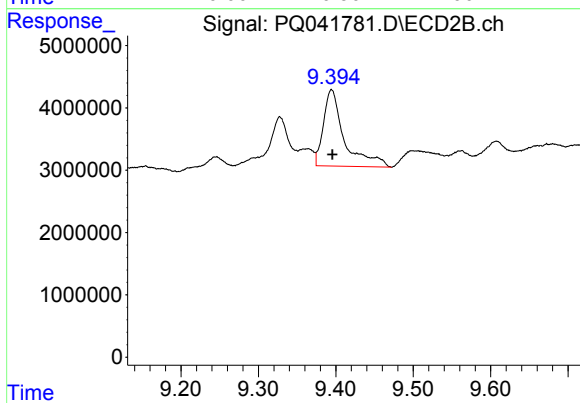
#41 AR-1268-1

R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 13291363
Conc: 11.63 ng/ml



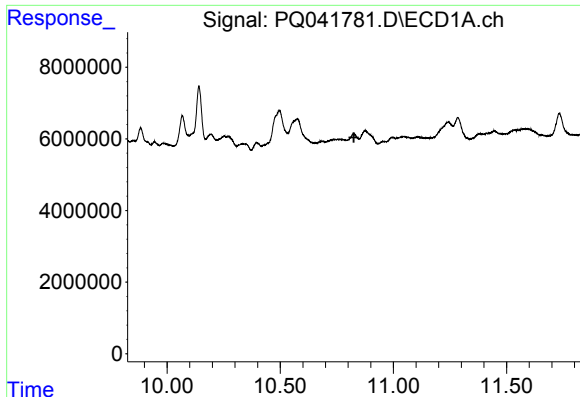
#42 AR-1268-2

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



#42 AR-1268-2

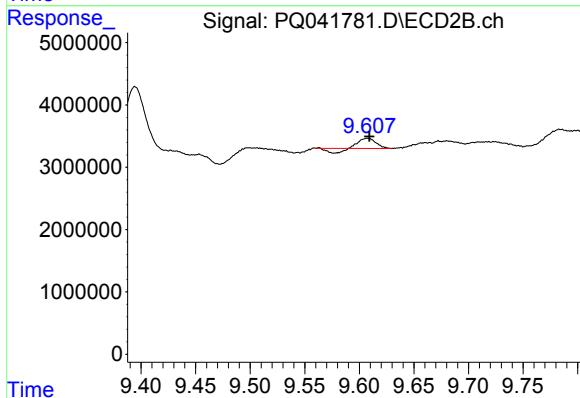
R.T.: 9.395 min
Delta R.T.: -0.001 min
Response: 22985306
Conc: 22.39 ng/ml



#43 AR-1268-3

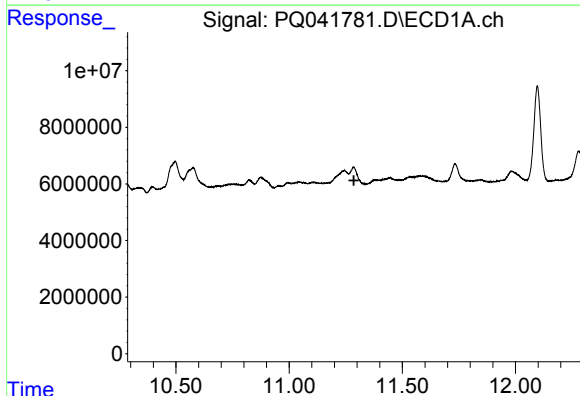
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



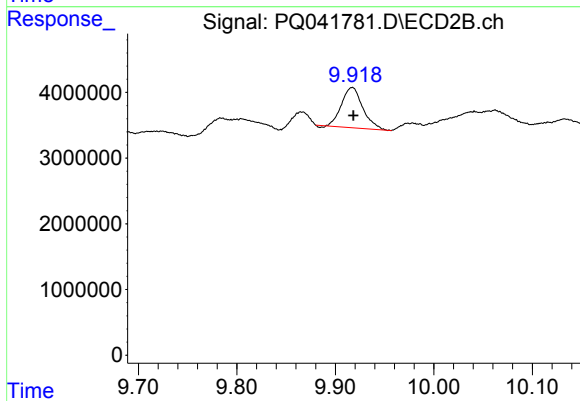
#43 AR-1268-3

R.T.: 9.608 min
Delta R.T.: -0.002 min
Response: 1203254
Conc: 1.38 ng/ml



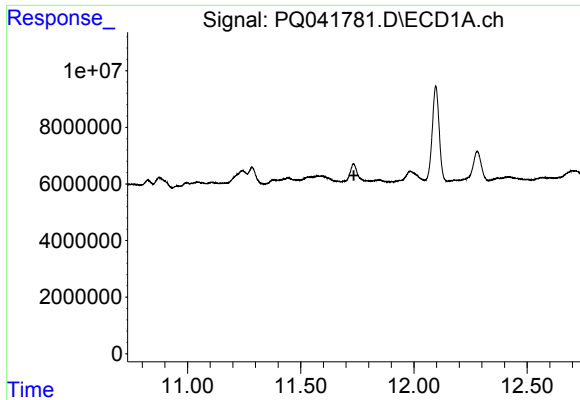
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.286 min
Response: 0
Conc: N.D.



#44 AR-1268-4

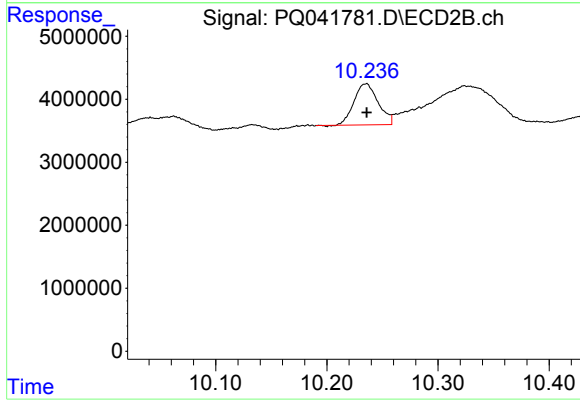
R.T.: 9.917 min
Delta R.T.: -0.001 min
Response: 9187104
Conc: 23.88 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 9834077
Conc: 3.79 ng/ml