

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092421\
 Data File : PQ054741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2021 15:55
 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 00:55:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.204	4.205	1330.3E6	706.5E6	55.704	53.446
2)	SA Decachlor...	11.373	9.535	883.0E6	677.4E6	52.319	49.986
Target Compounds							
3)	L1 AR-1016-1	6.528	5.464	236.6E6	131.7E6	286.795	290.191
4)	L1 AR-1016-2	6.553	5.484	311.5E6	154.0E6	255.325	217.031
5)	L1 AR-1016-3	6.618	5.679	162.8E6	92828048	215.090	271.051 #
6)	L1 AR-1016-4	6.725	5.727	168.9E6	187.4E6	273.206	674.635 #
7)	L1 AR-1016-5	7.038	5.958	373.7E6	190.0E6	657.736	550.420
8)	L2 AR-1221-1	5.450	0.000	4304649	0	16.710	N.D. #
9)	L2 AR-1221-2	5.559	4.561	27126242	9836684	141.908	103.243 #
10)	L2 AR-1221-3	5.643	4.651	34241097	19315109	57.131	60.464
11)	L3 AR-1232-1	5.643	4.651	34241097	19315109	73.999	80.741
12)	L3 AR-1232-2	6.232	5.484	115.7E6	154.0E6	408.824	496.125
13)	L3 AR-1232-3	6.553	5.679	311.5E6	92828048	592.336	644.174
14)	L3 AR-1232-4	6.725	5.772	168.9E6	187.1E6	632.289	1481.188 #
15)	L3 AR-1232-5	6.819	5.958	333.1E6	190.0E6	1647.215	1309.996
16)	L4 AR-1242-1	6.528	5.464	236.6E6	131.7E6	401.610	408.263
17)	L4 AR-1242-2	6.553	5.484	311.5E6	154.0E6	347.127	302.228
18)	L4 AR-1242-3	6.618	5.679	162.8E6	92828048	289.773	361.509
19)	L4 AR-1242-4	6.725	5.772	168.9E6	187.1E6	369.251	739.282 #
20)	L4 AR-1242-5	7.507	6.336	400.2E6	358.5E6	854.639	1009.007
21)	L5 AR-1248-1	6.528	5.464	236.6E6	131.7E6	472.661	503.362
22)	L5 AR-1248-2	6.819	5.727	333.1E6	187.4E6	512.641	526.085
23)	L5 AR-1248-3	7.038	5.772	373.7E6	187.1E6	522.540	526.157
24)	L5 AR-1248-4	7.467	5.958	406.5E6	190.0E6	513.901	442.295
25)	L5 AR-1248-5	7.507	6.380	400.2E6	245.5E6	498.673	573.025
26)	L6 AR-1254-1	7.436	6.336	305.9E6	358.5E6	351.193	470.562 #
27)	L6 AR-1254-2	7.672	6.495	412.2E6	119.6E6	308.184	170.907 #
28)	L6 AR-1254-3	8.045	6.916	255.2E6	144.9E6	183.235	131.445 #
29)	L6 AR-1254-4	8.342	7.155	180.2E6	117.9E6	169.173	155.979
30)	L6 AR-1254-5	8.770	7.583	38574914	29784928	33.564	26.913
31)	L7 AR-1260-1	8.211	7.064	47996117	72886087	48.364	97.055 #
32)	L7 AR-1260-2	8.473	7.248	58050628	19543063	49.333	18.884 #
33)	L7 AR-1260-3	8.838	7.402	10721754	20254142	13.999	22.908 #
34)	L7 AR-1260-4	9.079	7.886	17947512	4654521	19.214	6.726 #
35)	L7 AR-1260-5	9.426	8.132	11774778	15593904	6.387	8.159 #
36)	L8 AR-1262-1	8.838	7.583	10721754	29784928	9.125	57.647 #
37)	L8 AR-1262-2	9.426	8.132	11774778	15593904	5.429	7.040 #
38)	L8 AR-1262-3	9.757	8.419	2636240	3650388	2.960	4.114 #
39)	L8 AR-1262-4	0.000	8.483	0	8261235	N.D.	5.432 #
40)	L8 AR-1262-5	10.569	8.985	2249771	3429910	2.927	4.994 #
41)	L9 AR-1268-1	9.757	8.419	2636240	3650388	1.051	1.345 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092421\
 Data File : PQ054741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2021 15:55
 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 00:55:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

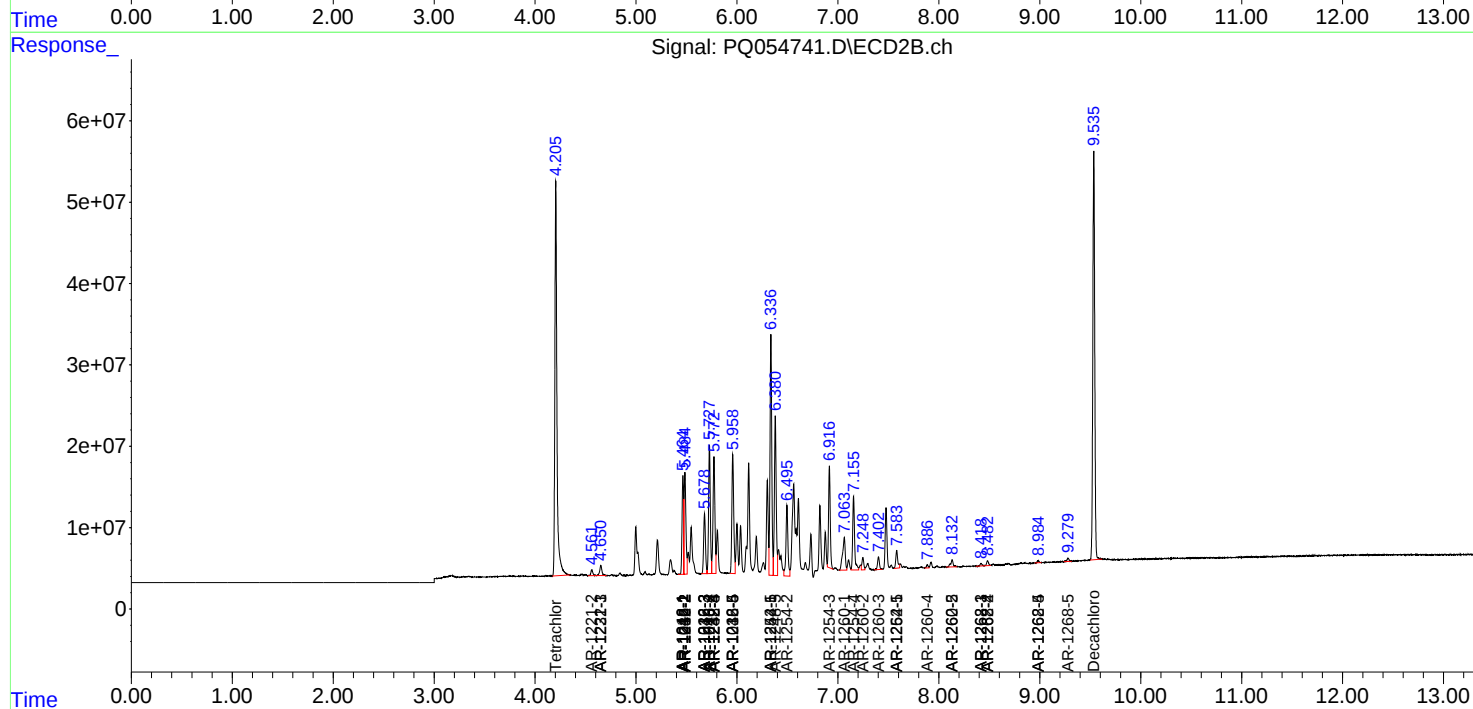
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

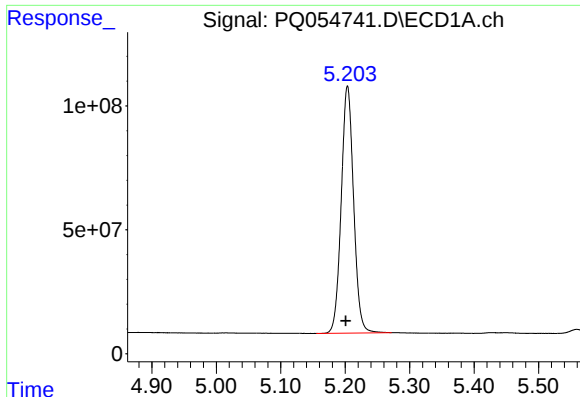
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.483	0	8261235	N.D.	3.586 #
44) L9	AR-1268-4	10.569	8.985	2249771	3429910	2.636	4.412 #
45) L9	AR-1268-5	11.012	9.280	6623223	5542586	1.051	0.964

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

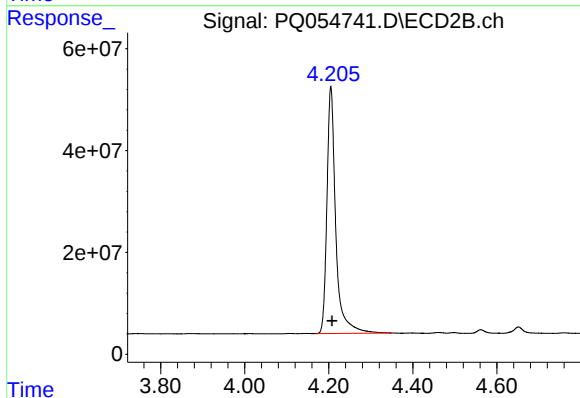




#1 Tetrachloro-m-xylene

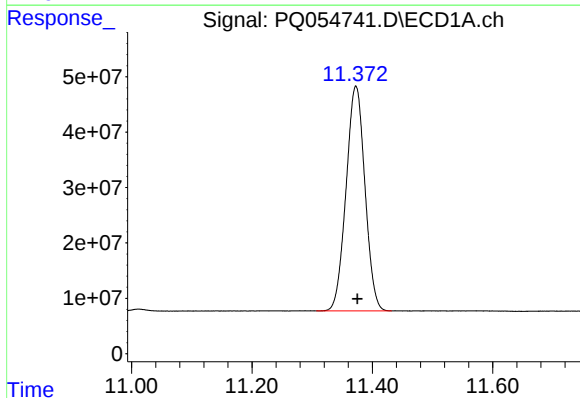
R.T.: 5.204 min
Delta R.T.: 0.003 min
Response: 1330282323
Conc: 55.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



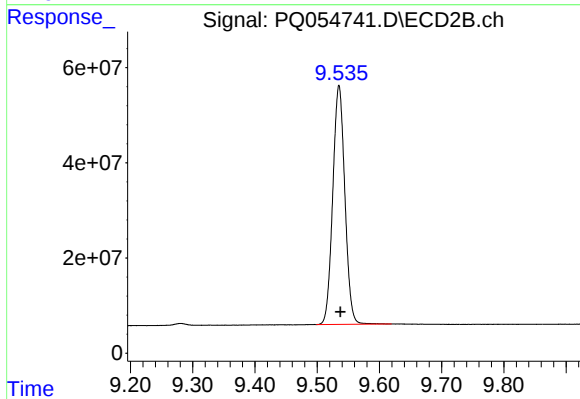
#1 Tetrachloro-m-xylene

R.T.: 4.205 min
Delta R.T.: -0.003 min
Response: 706545859
Conc: 53.45 ng/ml



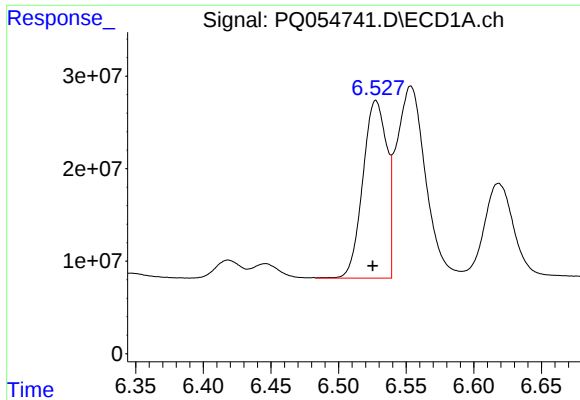
#2 Decachlorobiphenyl

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 883039832
Conc: 52.32 ng/ml



#2 Decachlorobiphenyl

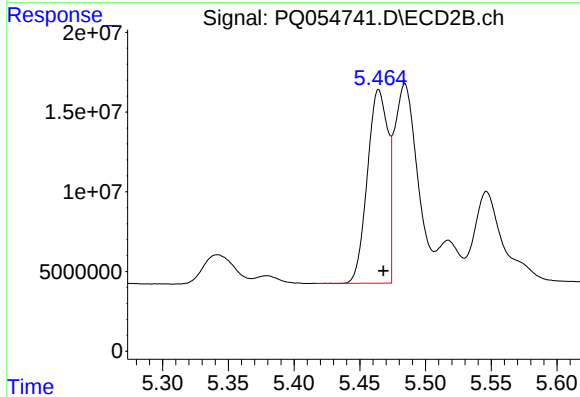
R.T.: 9.535 min
Delta R.T.: -0.002 min
Response: 677406400
Conc: 49.99 ng/ml



#3 AR-1016-1

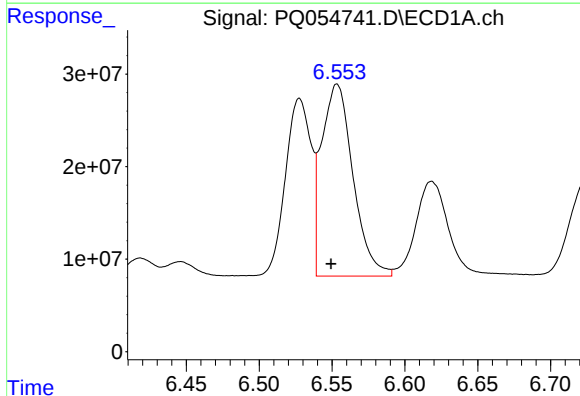
R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 236567399
Conc: 286.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



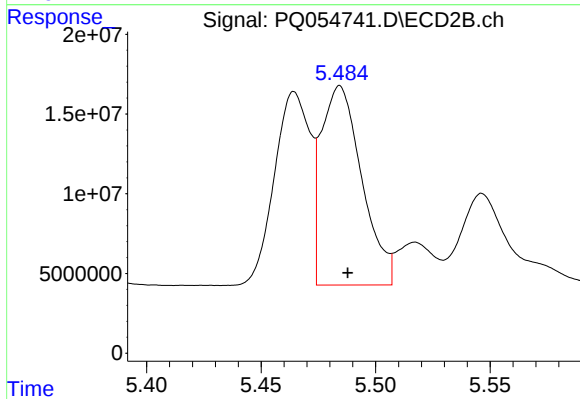
#3 AR-1016-1

R.T.: 5.464 min
Delta R.T.: -0.004 min
Response: 131701047
Conc: 290.19 ng/ml



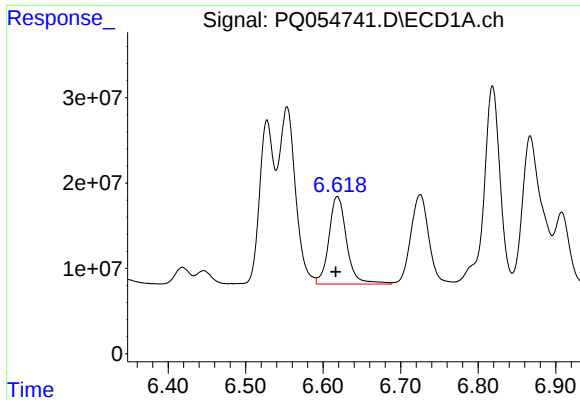
#4 AR-1016-2

R.T.: 6.553 min
Delta R.T.: 0.004 min
Response: 311454585
Conc: 255.33 ng/ml



#4 AR-1016-2

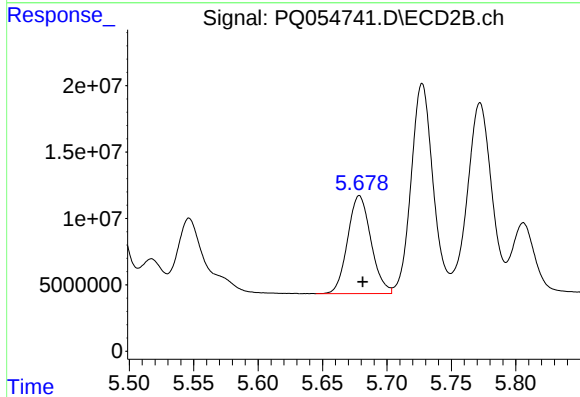
R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 154022460
Conc: 217.03 ng/ml



#5 AR-1016-3

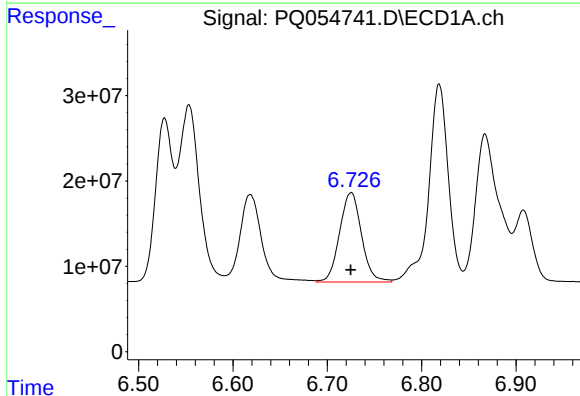
R.T.: 6.618 min
Delta R.T.: 0.002 min
Response: 162838321
Conc: 215.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



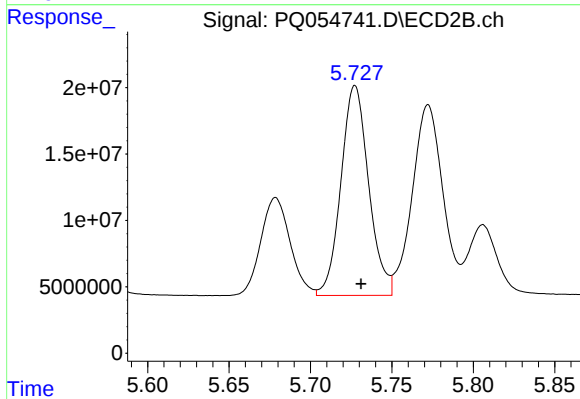
#5 AR-1016-3

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 92828048
Conc: 271.05 ng/ml



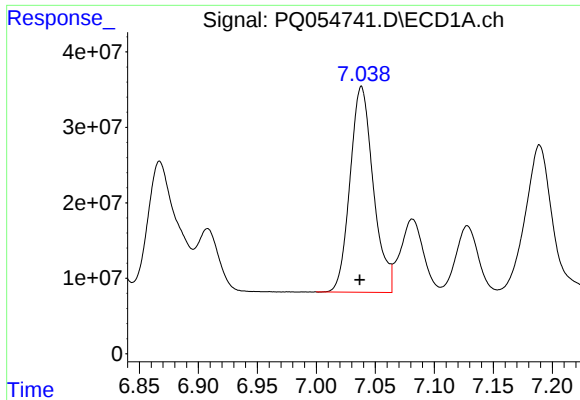
#6 AR-1016-4

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 168926029
Conc: 273.21 ng/ml



#6 AR-1016-4

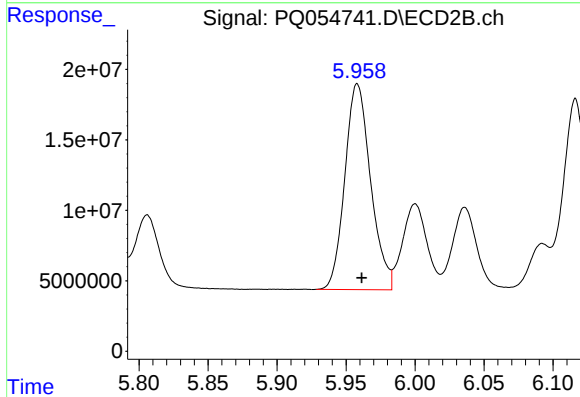
R.T.: 5.727 min
Delta R.T.: -0.004 min
Response: 187379239
Conc: 674.64 ng/ml



#7 AR-1016-5

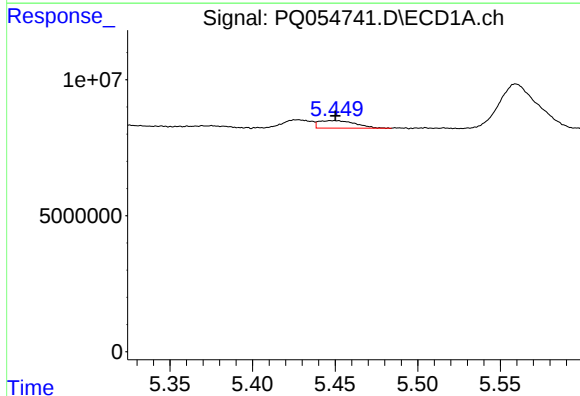
R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 373684803
Conc: 657.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



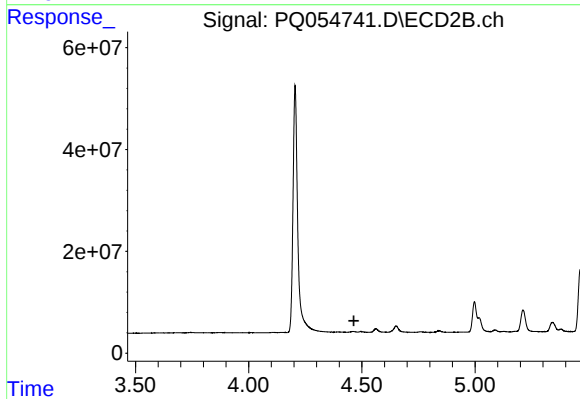
#7 AR-1016-5

R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 189991821
Conc: 550.42 ng/ml



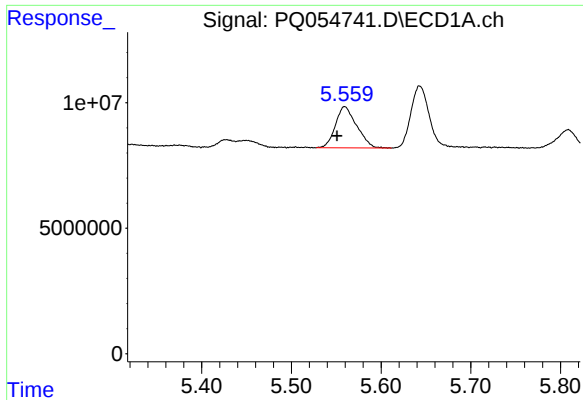
#8 AR-1221-1

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 4304649
Conc: 16.71 ng/ml



#8 AR-1221-1

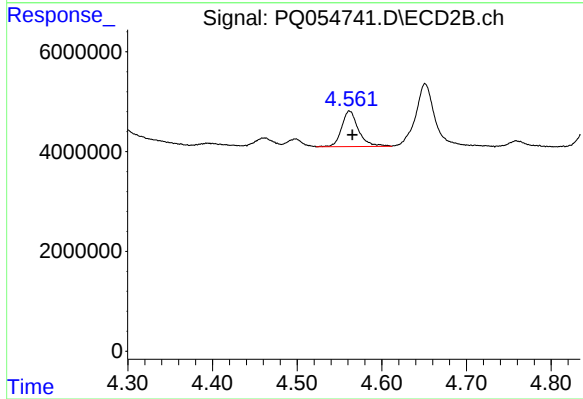
R.T.: 0.000 min
Exp R.T.: 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

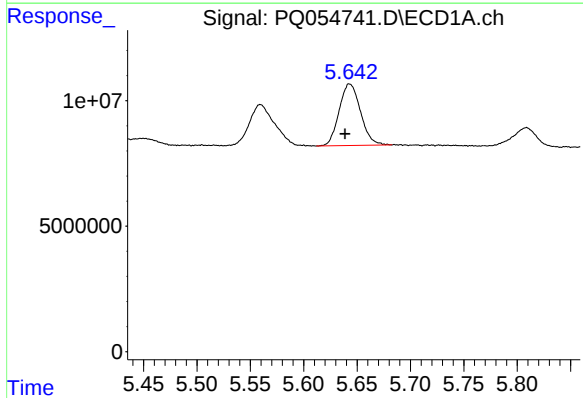
R.T.: 5.559 min
Delta R.T.: 0.008 min
Response: 27126242
Conc: 141.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



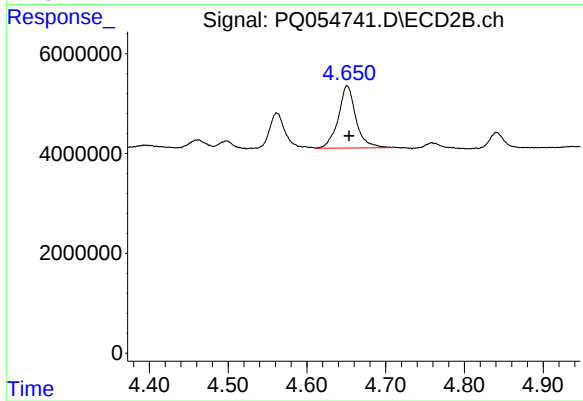
#9 AR-1221-2

R.T.: 4.561 min
Delta R.T.: -0.004 min
Response: 9836684
Conc: 103.24 ng/ml



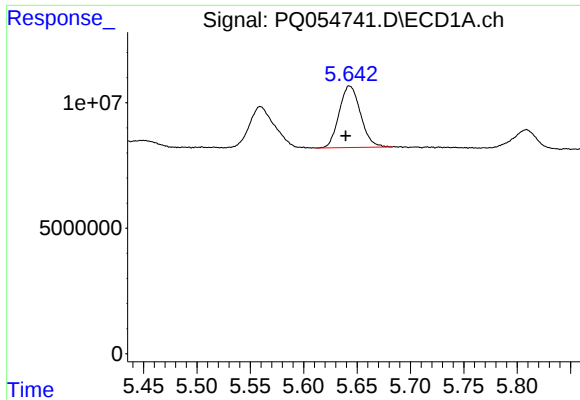
#10 AR-1221-3

R.T.: 5.643 min
Delta R.T.: 0.004 min
Response: 34241097
Conc: 57.13 ng/ml



#10 AR-1221-3

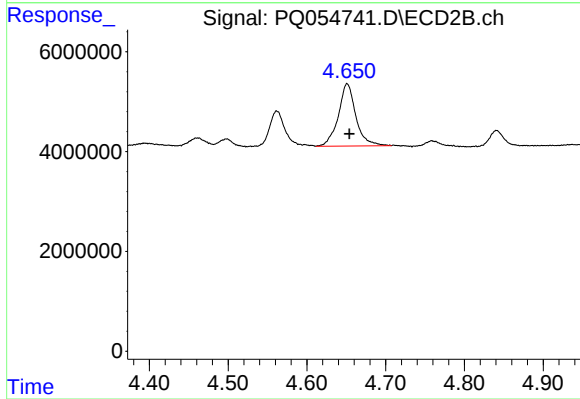
R.T.: 4.651 min
Delta R.T.: -0.003 min
Response: 19315109
Conc: 60.46 ng/ml



#11 AR-1232-1

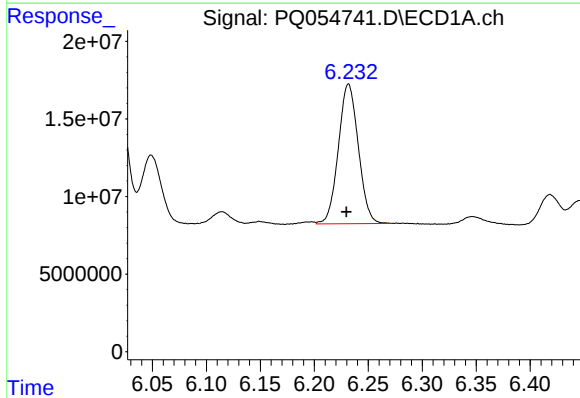
R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 34241097
Conc: 74.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



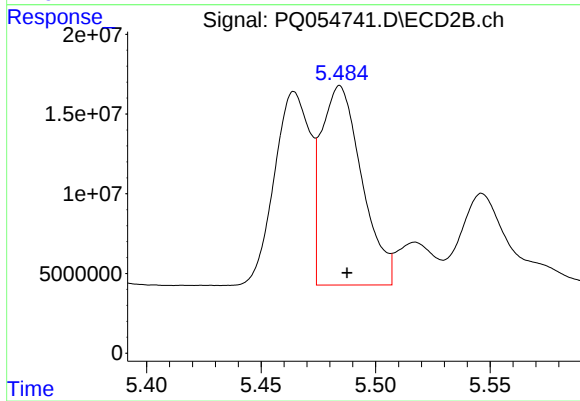
#11 AR-1232-1

R.T.: 4.651 min
Delta R.T.: -0.003 min
Response: 19315109
Conc: 80.74 ng/ml



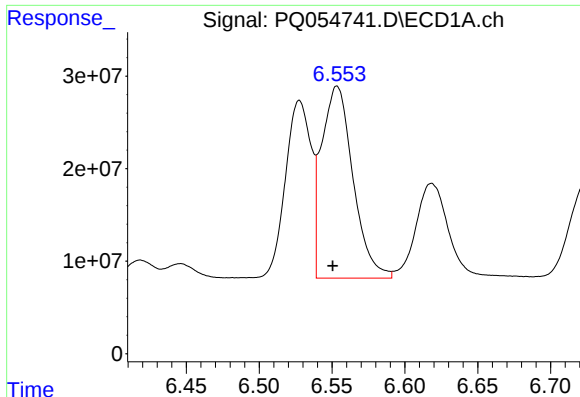
#12 AR-1232-2

R.T.: 6.232 min
Delta R.T.: 0.002 min
Response: 115719070
Conc: 408.82 ng/ml



#12 AR-1232-2

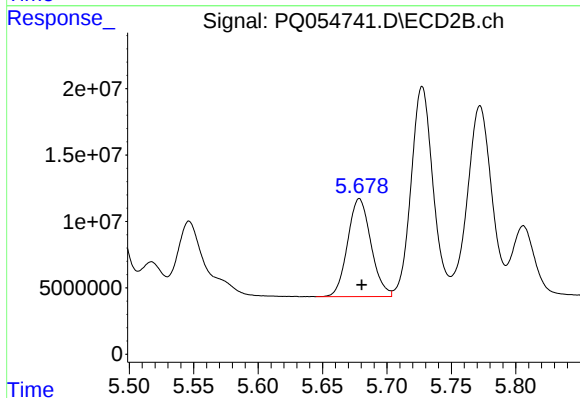
R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 154022460
Conc: 496.12 ng/ml



#13 AR-1232-3

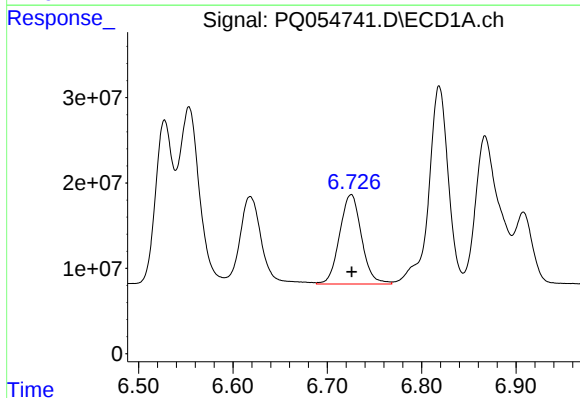
R.T.: 6.553 min
Delta R.T.: 0.003 min
Response: 311454585
Conc: 592.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



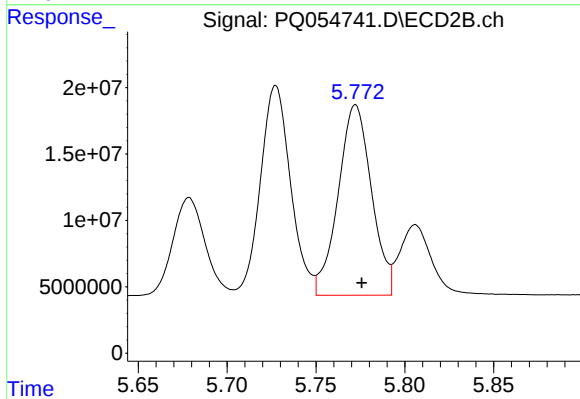
#13 AR-1232-3

R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 92828048
Conc: 644.17 ng/ml



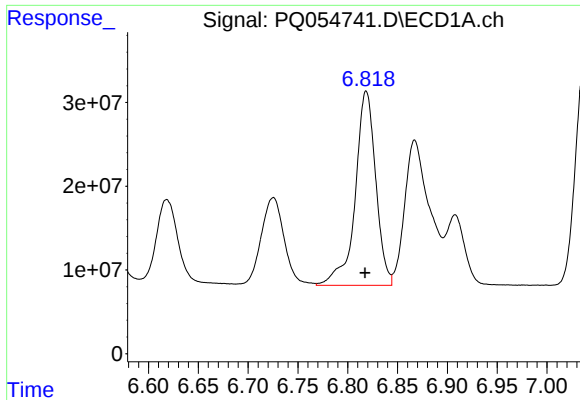
#14 AR-1232-4

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 168926029
Conc: 632.29 ng/ml



#14 AR-1232-4

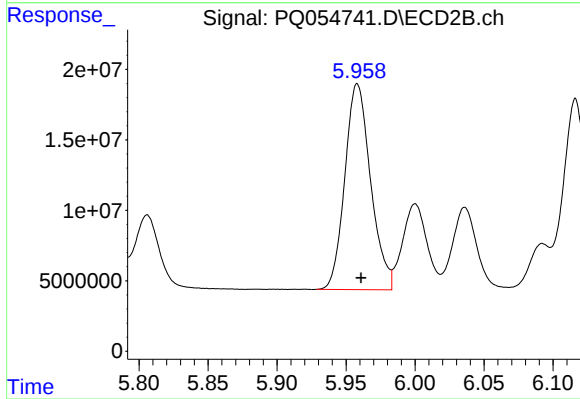
R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 187104287
Conc: 1481.19 ng/ml



#15 AR-1232-5

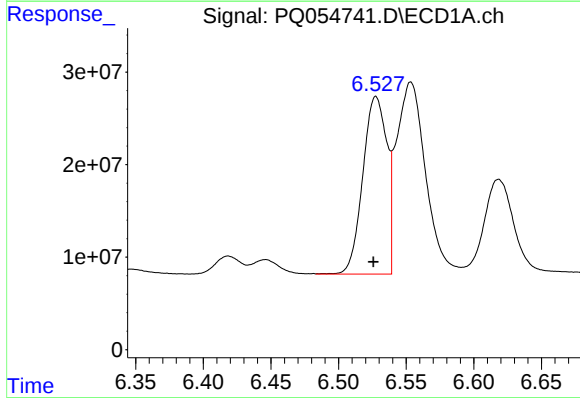
R.T.: 6.819 min
Delta R.T.: 0.001 min
Response: 333057984
Conc: 1647.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



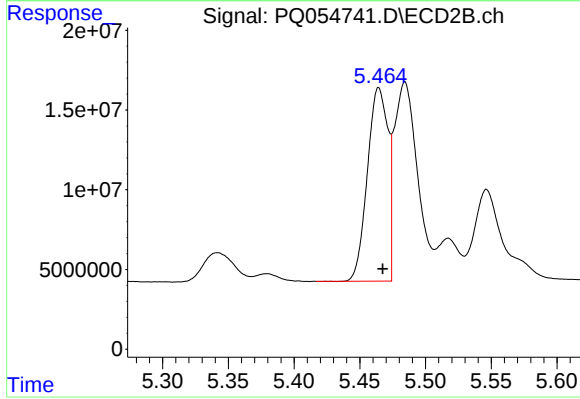
#15 AR-1232-5

R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 189991821
Conc: 1310.00 ng/ml



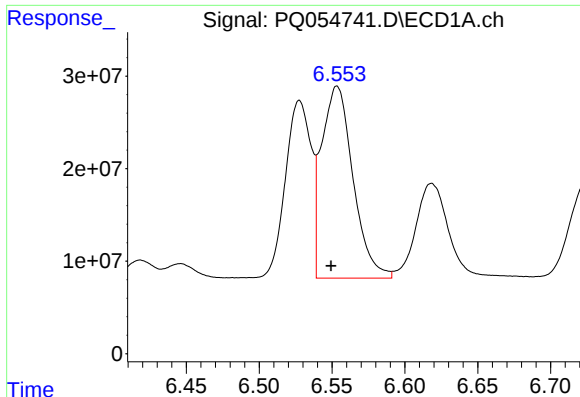
#16 AR-1242-1

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 236567399
Conc: 401.61 ng/ml



#16 AR-1242-1

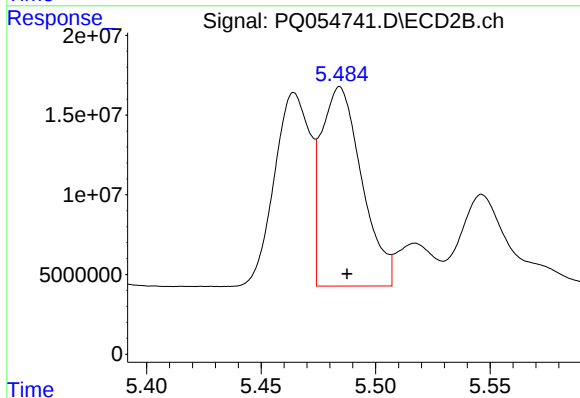
R.T.: 5.464 min
Delta R.T.: -0.003 min
Response: 131701047
Conc: 408.26 ng/ml



#17 AR-1242-2

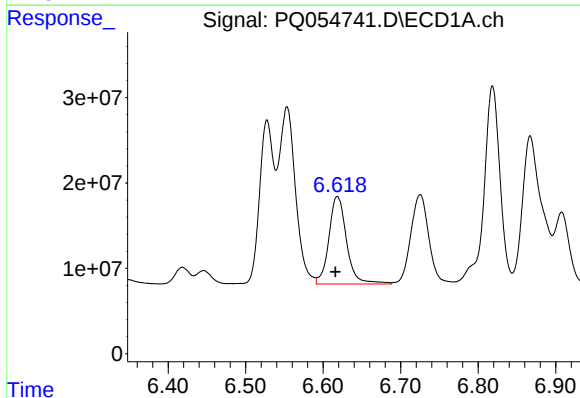
R.T.: 6.553 min
Delta R.T.: 0.004 min
Response: 311454585
Conc: 347.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



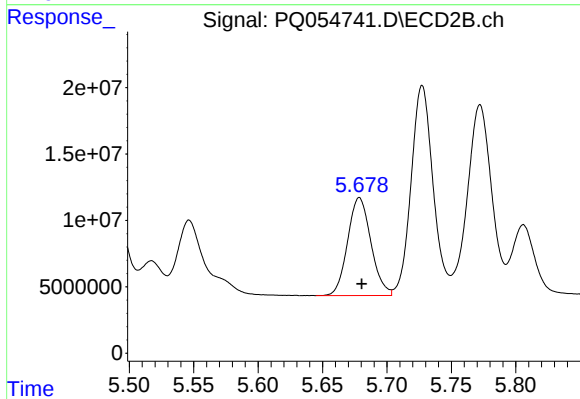
#17 AR-1242-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 154022460
Conc: 302.23 ng/ml



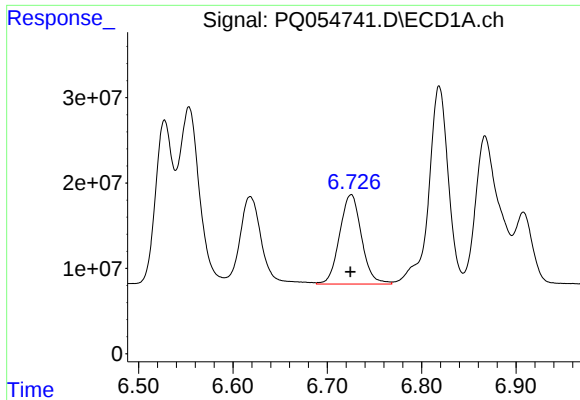
#18 AR-1242-3

R.T.: 6.618 min
Delta R.T.: 0.002 min
Response: 162838321
Conc: 289.77 ng/ml



#18 AR-1242-3

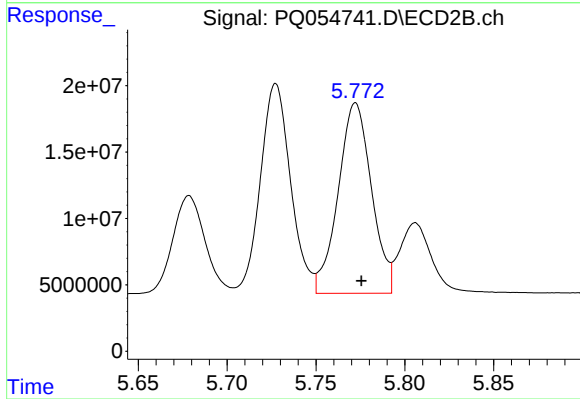
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 92828048
Conc: 361.51 ng/ml



#19 AR-1242-4

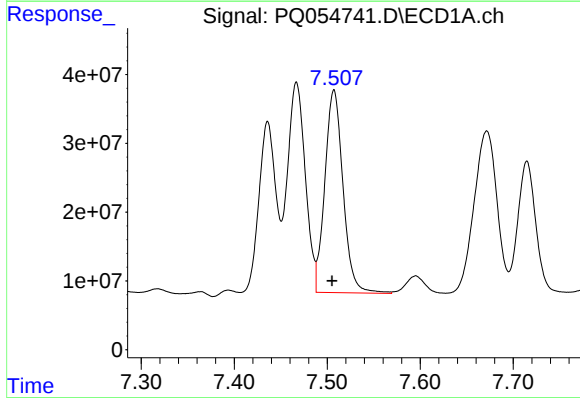
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 168926029
Conc: 369.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



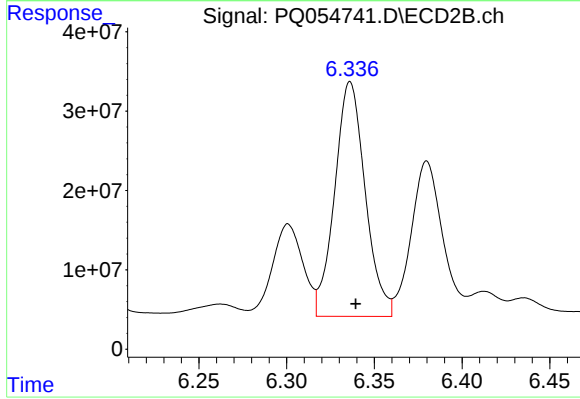
#19 AR-1242-4

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 187104287
Conc: 739.28 ng/ml



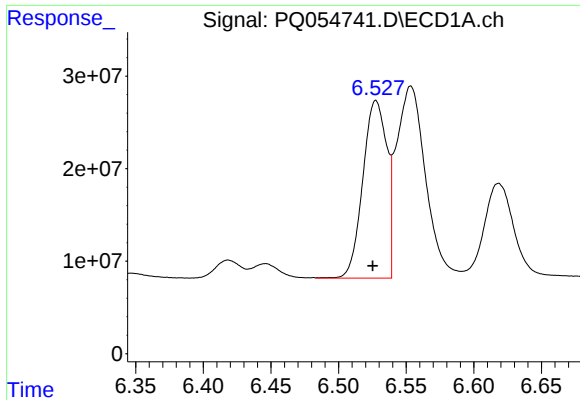
#20 AR-1242-5

R.T.: 7.507 min
Delta R.T.: 0.002 min
Response: 400166222
Conc: 854.64 ng/ml



#20 AR-1242-5

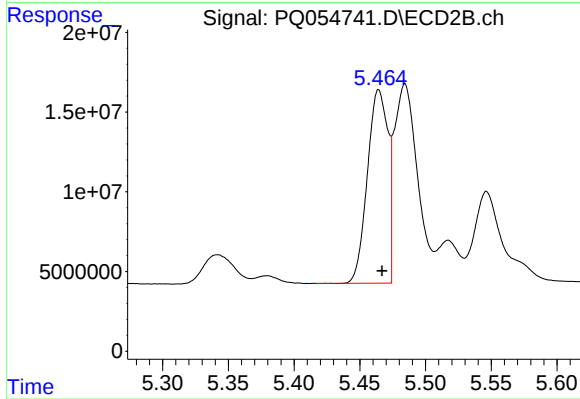
R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 358477436
Conc: 1009.01 ng/ml



#21 AR-1248-1

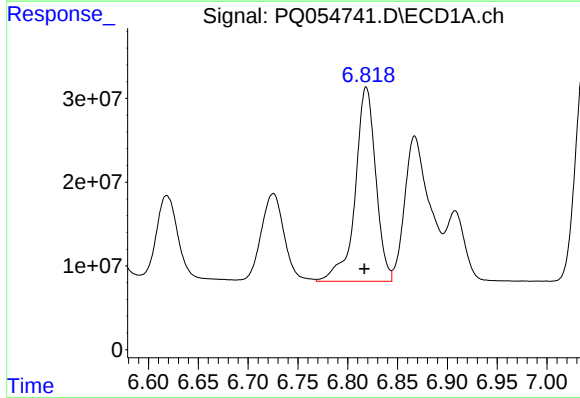
R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 236567399
Conc: 472.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



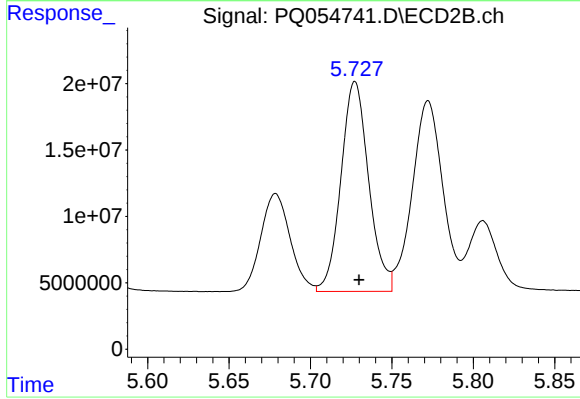
#21 AR-1248-1

R.T.: 5.464 min
Delta R.T.: -0.003 min
Response: 131701047
Conc: 503.36 ng/ml



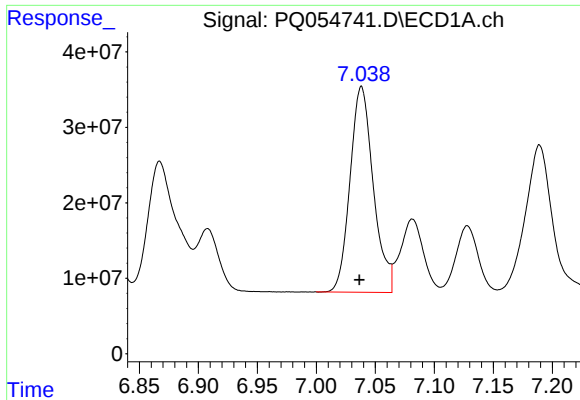
#22 AR-1248-2

R.T.: 6.819 min
Delta R.T.: 0.002 min
Response: 333057984
Conc: 512.64 ng/ml



#22 AR-1248-2

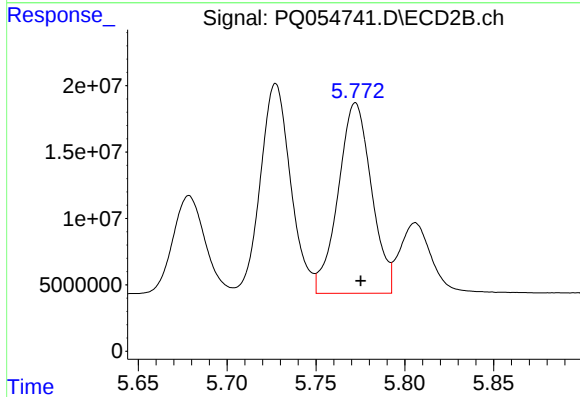
R.T.: 5.727 min
Delta R.T.: -0.003 min
Response: 187379239
Conc: 526.08 ng/ml



#23 AR-1248-3

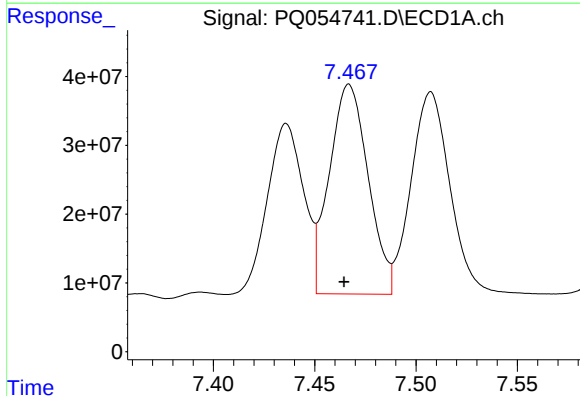
R.T.: 7.038 min
Delta R.T.: 0.002 min
Response: 373684803
Conc: 522.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



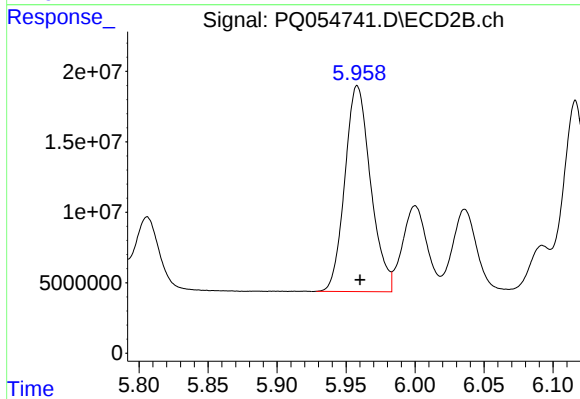
#23 AR-1248-3

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 187104287
Conc: 526.16 ng/ml



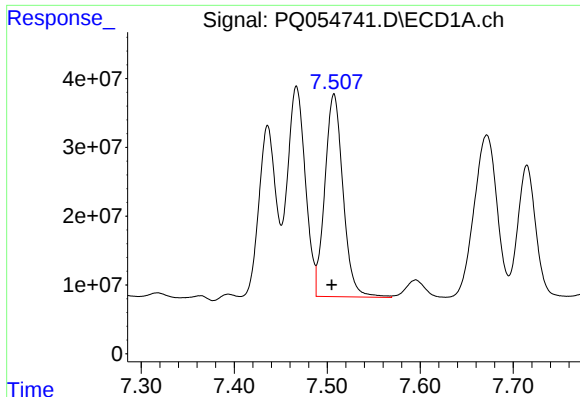
#24 AR-1248-4

R.T.: 7.467 min
Delta R.T.: 0.002 min
Response: 406547343
Conc: 513.90 ng/ml



#24 AR-1248-4

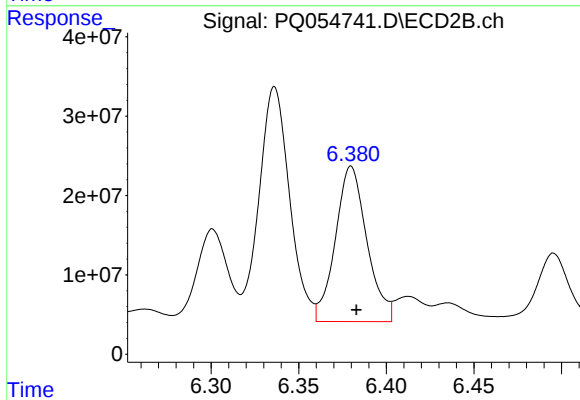
R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 189991821
Conc: 442.29 ng/ml



#25 AR-1248-5

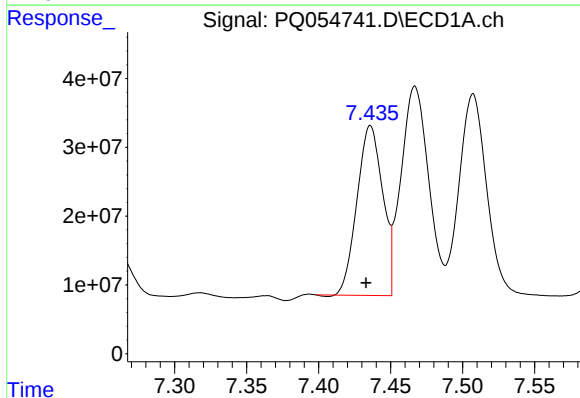
R.T.: 7.507 min
Delta R.T.: 0.002 min
Response: 400166222
Conc: 498.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



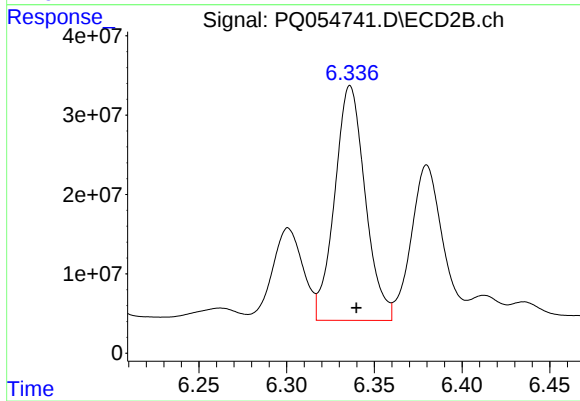
#25 AR-1248-5

R.T.: 6.380 min
Delta R.T.: -0.003 min
Response: 245497880
Conc: 573.03 ng/ml



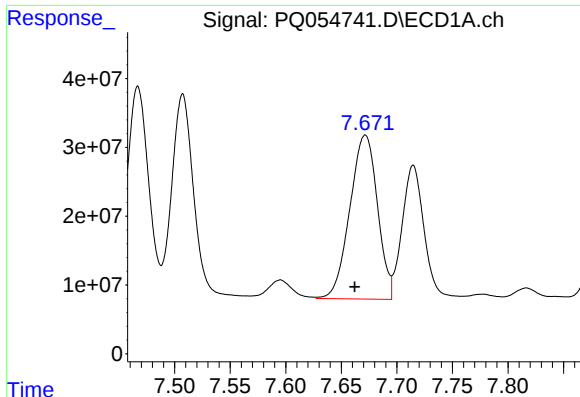
#26 AR-1254-1

R.T.: 7.436 min
Delta R.T.: 0.003 min
Response: 305918788
Conc: 351.19 ng/ml



#26 AR-1254-1

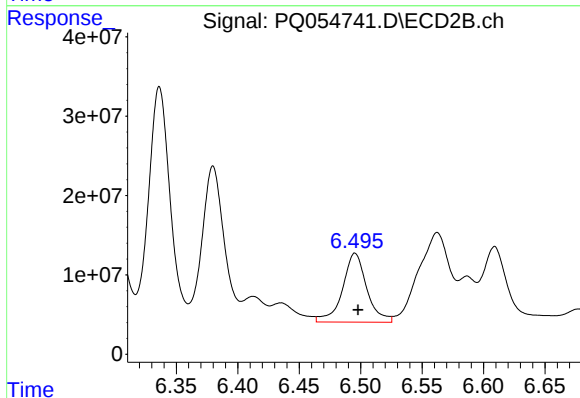
R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 358477436
Conc: 470.56 ng/ml



#27 AR-1254-2

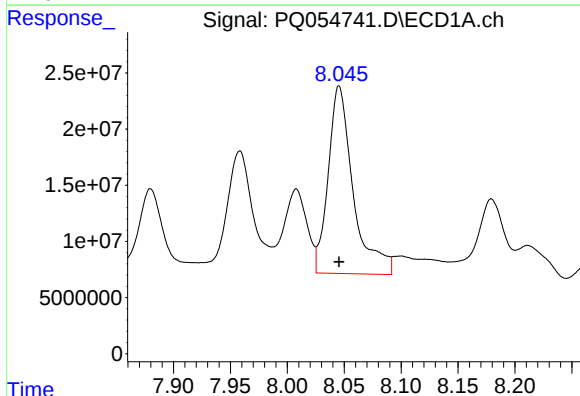
R.T.: 7.672 min
Delta R.T.: 0.010 min
Response: 412227180
Conc: 308.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



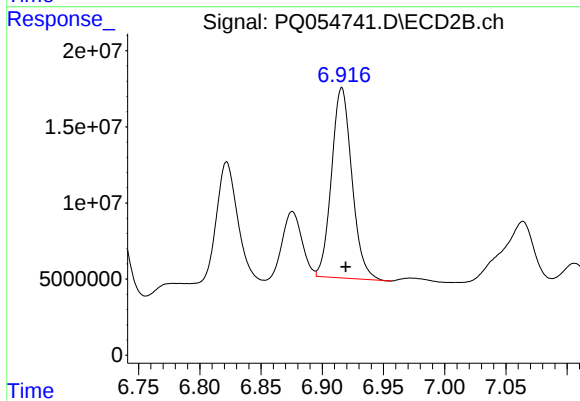
#27 AR-1254-2

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 119597825
Conc: 170.91 ng/ml



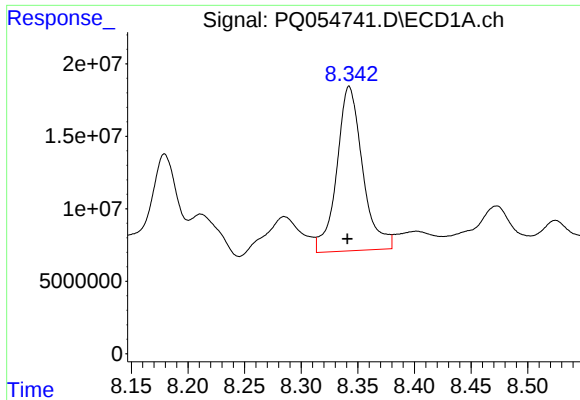
#28 AR-1254-3

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 255199743
Conc: 183.24 ng/ml



#28 AR-1254-3

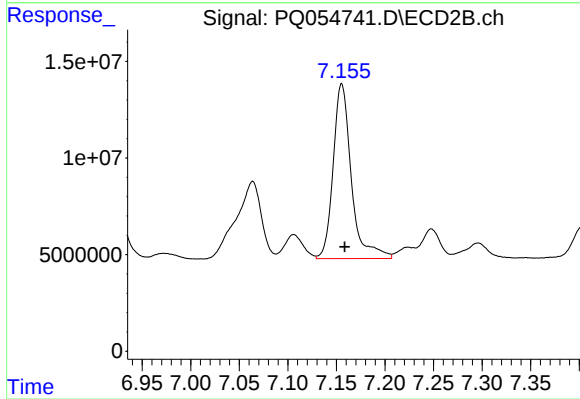
R.T.: 6.916 min
Delta R.T.: -0.003 min
Response: 144907790
Conc: 131.45 ng/ml



#29 AR-1254-4

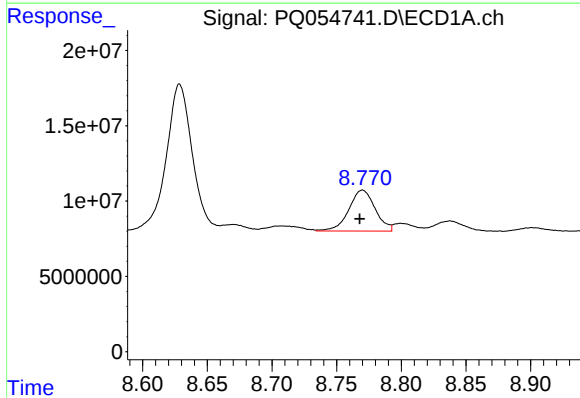
R.T.: 8.342 min
Delta R.T.: 0.002 min
Response: 180222087
Conc: 169.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



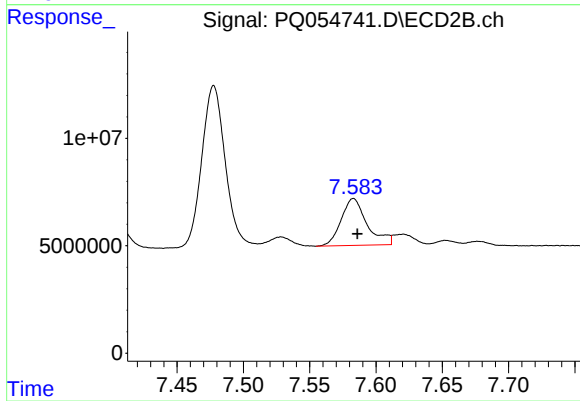
#29 AR-1254-4

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 117938053
Conc: 155.98 ng/ml



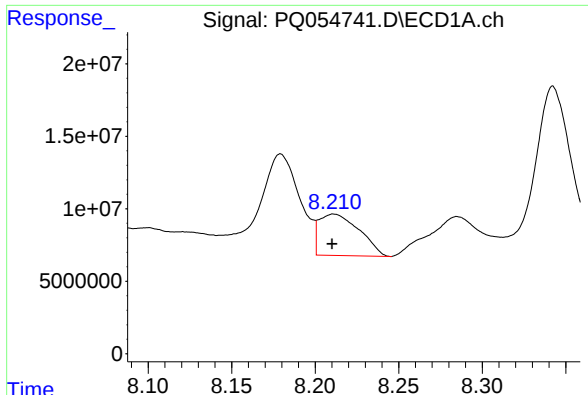
#30 AR-1254-5

R.T.: 8.770 min
Delta R.T.: 0.002 min
Response: 38574914
Conc: 33.56 ng/ml



#30 AR-1254-5

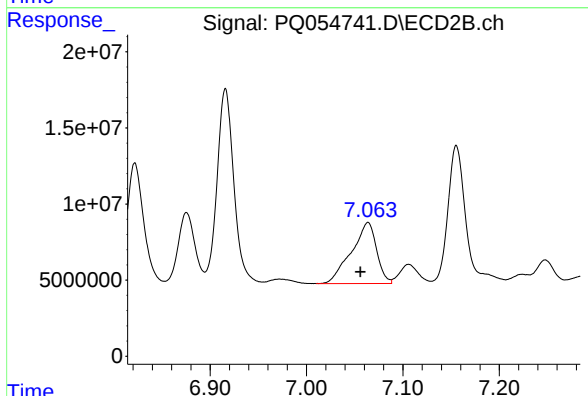
R.T.: 7.583 min
Delta R.T.: -0.003 min
Response: 29784928
Conc: 26.91 ng/ml



#31 AR-1260-1

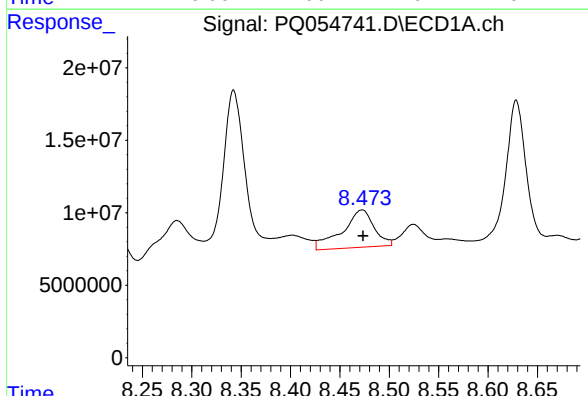
R.T.: 8.211 min
Delta R.T.: 0.001 min
Response: 47996117
Conc: 48.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



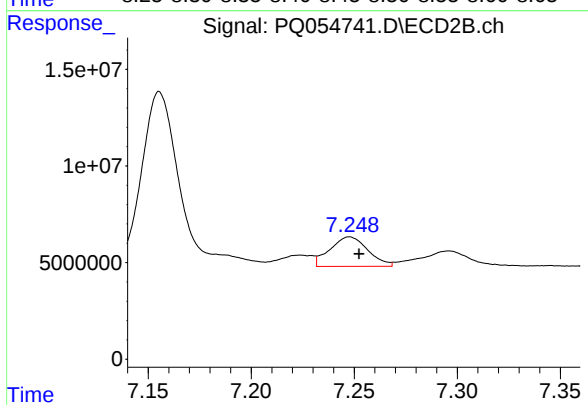
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: 0.008 min
Response: 72886087
Conc: 97.06 ng/ml



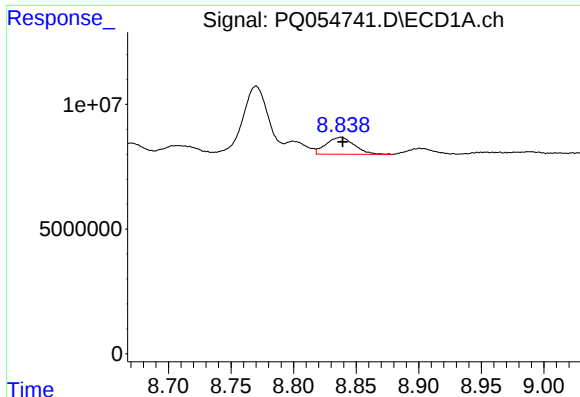
#32 AR-1260-2

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 58050628
Conc: 49.33 ng/ml



#32 AR-1260-2

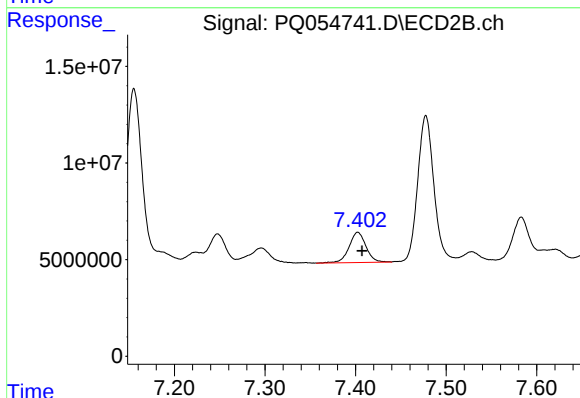
R.T.: 7.248 min
Delta R.T.: -0.005 min
Response: 19543063
Conc: 18.88 ng/ml



#33 AR-1260-3

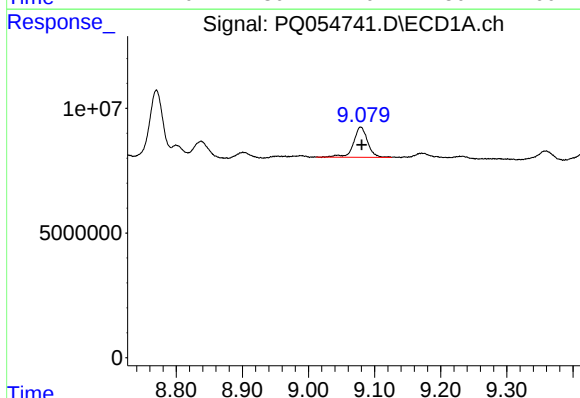
R.T.: 8.838 min
Delta R.T.: -0.002 min
Response: 10721754
Conc: 14.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



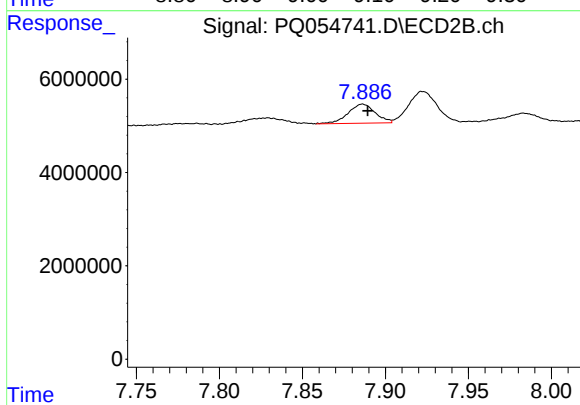
#33 AR-1260-3

R.T.: 7.402 min
Delta R.T.: -0.005 min
Response: 20254142
Conc: 22.91 ng/ml



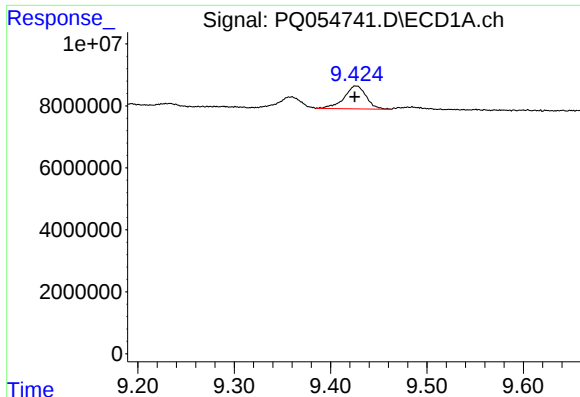
#34 AR-1260-4

R.T.: 9.079 min
Delta R.T.: -0.002 min
Response: 17947512
Conc: 19.21 ng/ml



#34 AR-1260-4

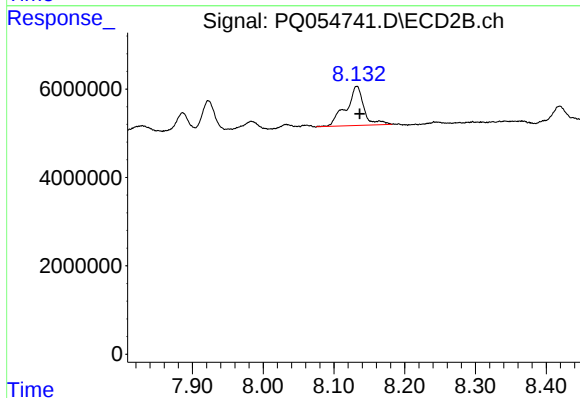
R.T.: 7.886 min
Delta R.T.: -0.003 min
Response: 4654521
Conc: 6.73 ng/ml



#35 AR-1260-5

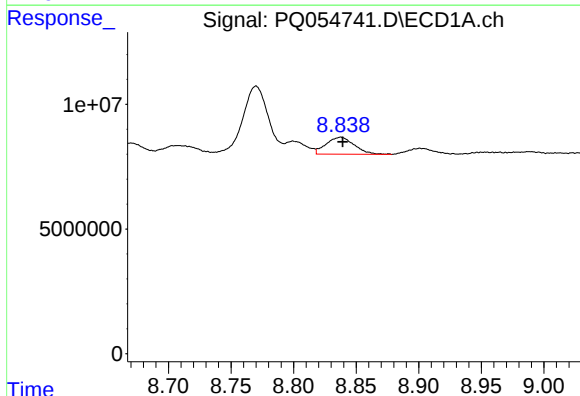
R.T.: 9.426 min
Delta R.T.: 0.001 min
Response: 11774778
Conc: 6.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



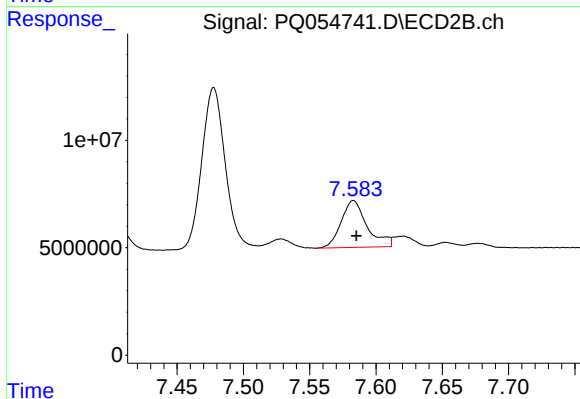
#35 AR-1260-5

R.T.: 8.132 min
Delta R.T.: -0.004 min
Response: 15593904
Conc: 8.16 ng/ml



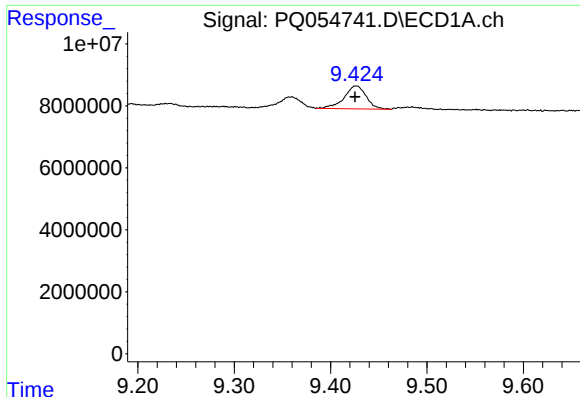
#36 AR-1262-1

R.T.: 8.838 min
Delta R.T.: -0.001 min
Response: 10721754
Conc: 9.12 ng/ml



#36 AR-1262-1

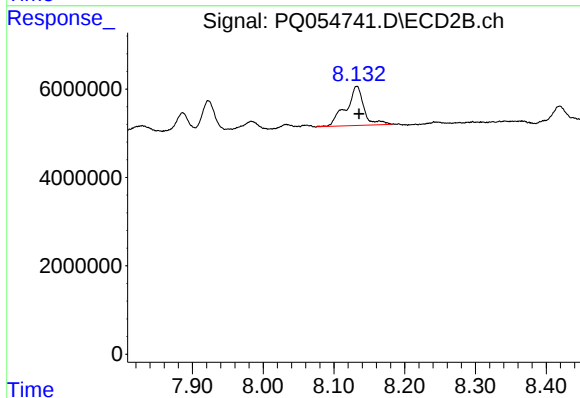
R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 29784928
Conc: 57.65 ng/ml



#37 AR-1262-2

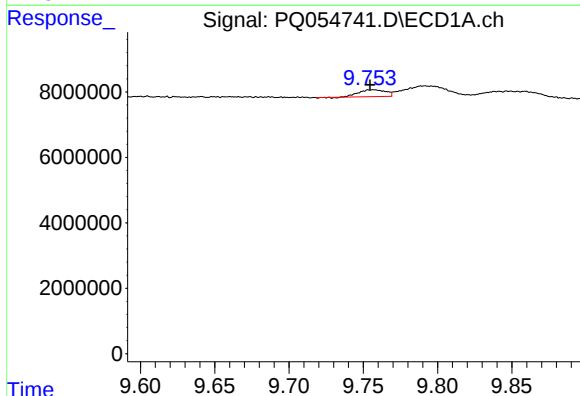
R.T.: 9.426 min
Delta R.T.: 0.001 min
Response: 11774778
Conc: 5.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



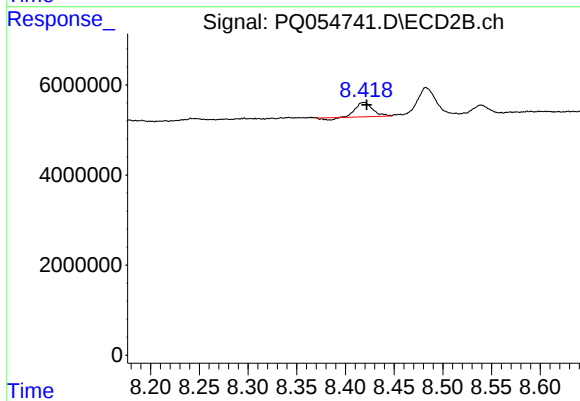
#37 AR-1262-2

R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 15593904
Conc: 7.04 ng/ml



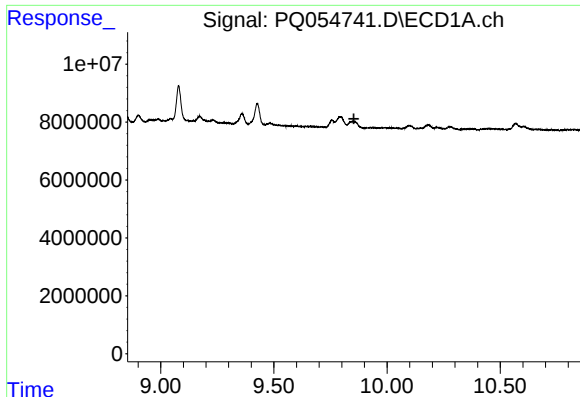
#38 AR-1262-3

R.T.: 9.757 min
Delta R.T.: 0.002 min
Response: 2636240
Conc: 2.96 ng/ml



#38 AR-1262-3

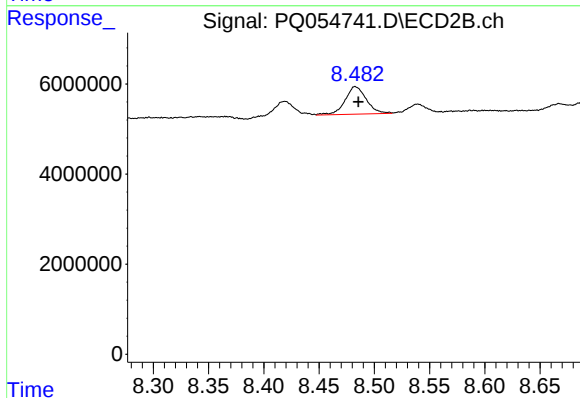
R.T.: 8.419 min
Delta R.T.: -0.003 min
Response: 3650388
Conc: 4.11 ng/ml



#39 AR-1262-4

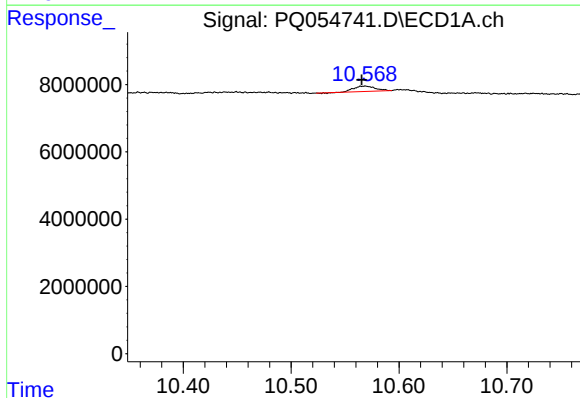
R.T.: 0.000 min
Exp R.T.: 9.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



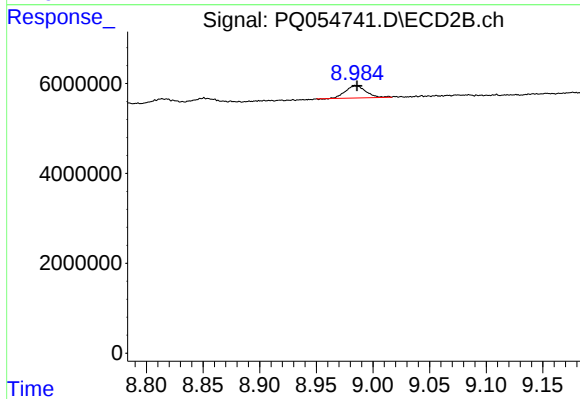
#39 AR-1262-4

R.T.: 8.483 min
Delta R.T.: -0.003 min
Response: 8261235
Conc: 5.43 ng/ml



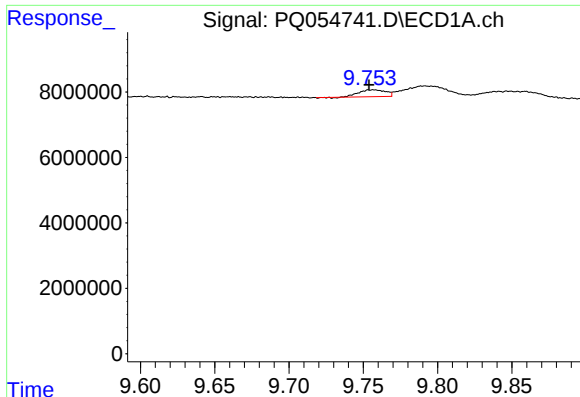
#40 AR-1262-5

R.T.: 10.569 min
Delta R.T.: 0.003 min
Response: 2249771
Conc: 2.93 ng/ml



#40 AR-1262-5

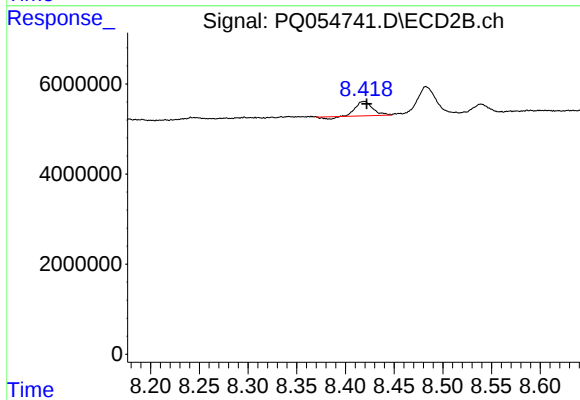
R.T.: 8.985 min
Delta R.T.: -0.001 min
Response: 3429910
Conc: 4.99 ng/ml



#41 AR-1268-1

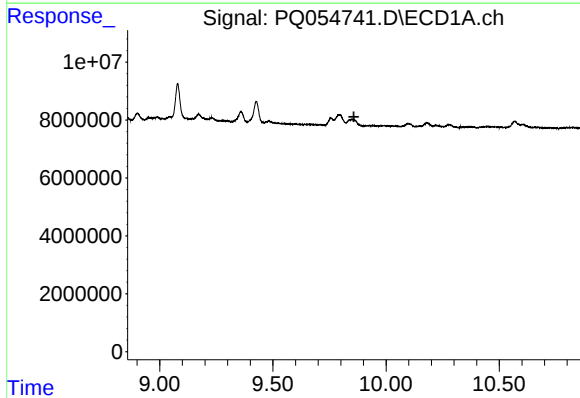
R.T.: 9.757 min
Delta R.T.: 0.003 min
Response: 2636240
Conc: 1.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



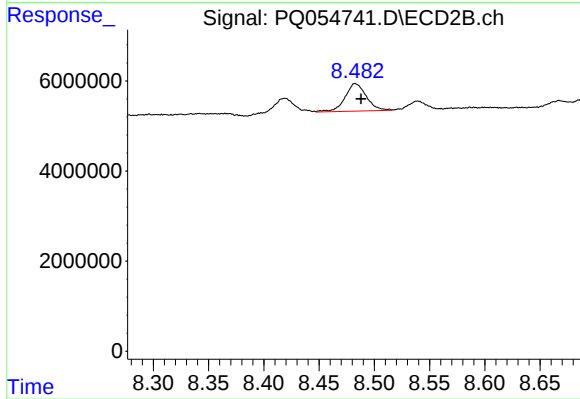
#41 AR-1268-1

R.T.: 8.419 min
Delta R.T.: -0.003 min
Response: 3650388
Conc: 1.34 ng/ml



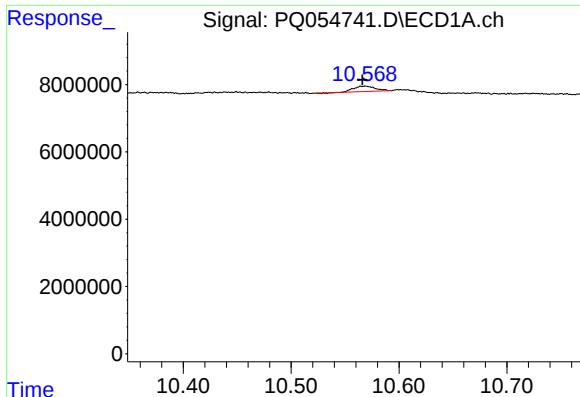
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.858 min
Response: 0
Conc: N.D.



#42 AR-1268-2

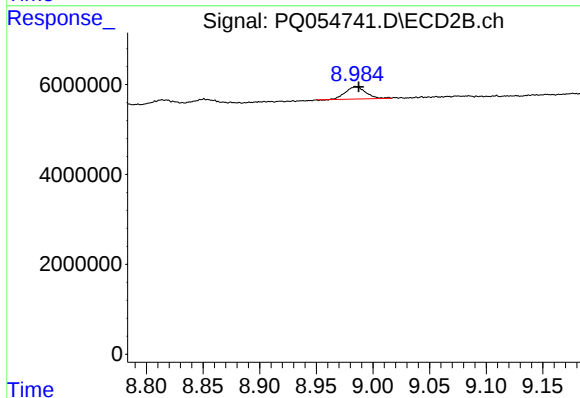
R.T.: 8.483 min
Delta R.T.: -0.005 min
Response: 8261235
Conc: 3.59 ng/ml



#44 AR-1268-4

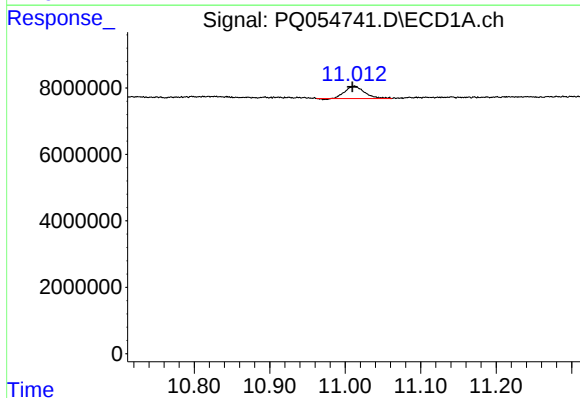
R.T.: 10.569 min
Delta R.T.: 0.003 min
Response: 2249771
Conc: 2.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



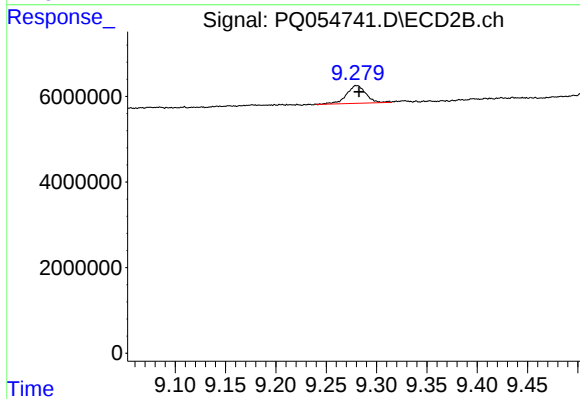
#44 AR-1268-4

R.T.: 8.985 min
Delta R.T.: -0.002 min
Response: 3429910
Conc: 4.41 ng/ml



#45 AR-1268-5

R.T.: 11.012 min
Delta R.T.: 0.002 min
Response: 6623223
Conc: 1.05 ng/ml



#45 AR-1268-5

R.T.: 9.280 min
Delta R.T.: -0.002 min
Response: 5542586
Conc: 0.96 ng/ml