

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042221\
 Data File : PQ053141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2021 14:37
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12423090

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 22:09:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 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...	5.222	4.237	539.8E6	219.1E6	19.240	18.839
2)	SA Decachlor...	11.416	9.579	1058.5E6	492.0E6	37.428	39.530
Target Compounds							
3)	L1 AR-1016-1	6.546	5.496	340.3E6	152.0E6	349.318	345.154
4)	L1 AR-1016-2	6.571	5.516	506.2E6	221.3E6	348.092	349.731
5)	L1 AR-1016-3	6.637	5.709	307.9E6	114.4E6	350.233	347.000
6)	L1 AR-1016-4	6.746	5.759	255.5E6	84922970	352.727	325.794
7)	L1 AR-1016-5	7.059	5.989	242.3E6	118.0E6	350.743	355.155
8)	L2 AR-1221-1	5.467	4.492	33391261	13585843	109.792	106.537
9)	L2 AR-1221-2	5.571	4.594	41002856	17745439	198.714	199.712
10)	L2 AR-1221-3	5.659	4.683	173.9E6	76258941	250.589	246.940
11)	L3 AR-1232-1	5.659	4.683	173.9E6	76258941	334.953	334.066
12)	L3 AR-1232-2	6.252	5.516	233.7E6	221.3E6	834.699	905.654
13)	L3 AR-1232-3	6.571	5.709	506.2E6	114.4E6	882.852	935.646
14)	L3 AR-1232-4	6.746	5.804	255.5E6	106.9E6	893.382	1021.231
15)	L3 AR-1232-5	6.840	5.989	203.6E6	118.0E6	997.885	1006.271
16)	L4 AR-1242-1	6.546	5.496	340.3E6	152.0E6	375.331	379.230
17)	L4 AR-1242-2	6.571	5.516	506.2E6	221.3E6	372.689	379.351
18)	L4 AR-1242-3	6.637	5.709	307.9E6	114.4E6	373.115	377.733
19)	L4 AR-1242-4	6.746	5.804	255.5E6	106.9E6	372.958	375.894
20)	L4 AR-1242-5	7.528	6.368	276.3E6	150.0E6	378.805	378.559
21)	L5 AR-1248-1	6.546	5.496	340.3E6	152.0E6	550.021	558.085
22)	L5 AR-1248-2	6.840	5.759	203.6E6	84922970	233.474	228.395
23)	L5 AR-1248-3	7.059	5.804	242.3E6	106.9E6	247.141	280.052
24)	L5 AR-1248-4	7.487	5.989	259.1E6	118.0E6	226.711	252.473
25)	L5 AR-1248-5	7.528	6.412	276.3E6	124.9E6	242.484	253.914
26)	L6 AR-1254-1	7.457	6.368	193.2E6	150.0E6	122.877	139.871
27)	L6 AR-1254-2	7.695	6.527	224.3E6	35222095	91.625	36.927 #
28)	L6 AR-1254-3	8.069	6.949	83474000	47216045	31.720	30.485
29)	L6 AR-1254-4	8.365	7.188	67713045	45338954	35.184	43.300
30)	L6 AR-1254-5	8.794	7.617	19120472	18046353	9.347	12.367 #
31)	L7 AR-1260-1	8.235	7.072	9272351	11007138	8.054	16.985 #
32)	L7 AR-1260-2	8.495	7.281	16488970	9564729	11.835	10.318
33)	L7 AR-1260-3	8.822f	7.436	2582979	6200146	2.412	7.968 #
34)	L7 AR-1260-4	9.102	7.957f	7382724	16157934	6.097	23.800 #
35)	L7 AR-1260-5	9.385f	8.167	3812509	2201716	1.490	1.190
36)	L8 AR-1262-1	8.822f	7.617	2582979	18046353	1.291	29.440 #
37)	L8 AR-1262-2	9.385f	8.167	3812509	2201716	1.027	0.866
38)	L8 AR-1262-3	0.000	8.515f	0	2927126	N.D.	2.881 #
39)	L8 AR-1262-4	0.000	8.515	0	2927126	N.D.	1.699 #
41)	L9 AR-1268-1	0.000	8.515f	0	2927126	N.D.	0.999 #
42)	L9 AR-1268-2	0.000	8.515	0	2927126	N.D.	1.176 #
43)	L9 AR-1268-3	0.000	8.725	0	7733500	N.D.	3.567 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042221\
 Data File : PQ053141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2021 14:37
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

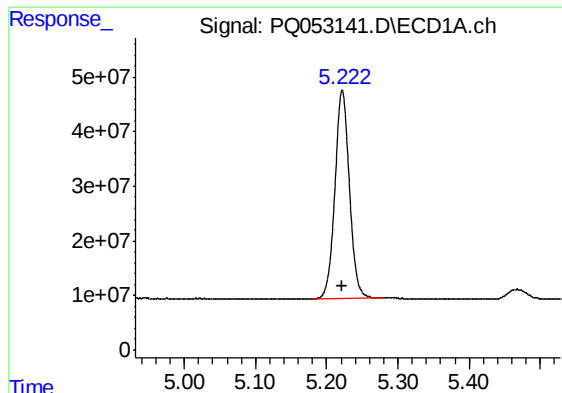
Instrument :
 ECD_Q
 ClientSampleId :
 AR12423090

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 22:09:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 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
45) L9	AR-1268-5	11.049	9.320	7823823	2789166	0.607	0.450 #

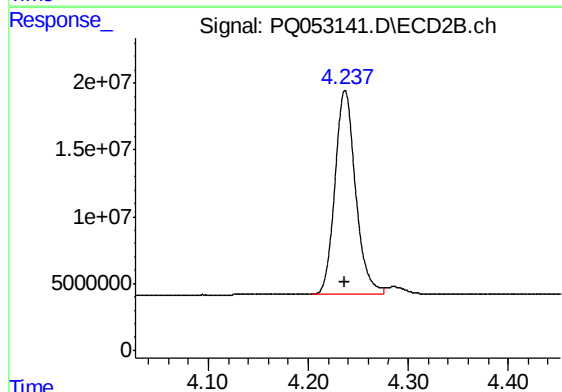
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

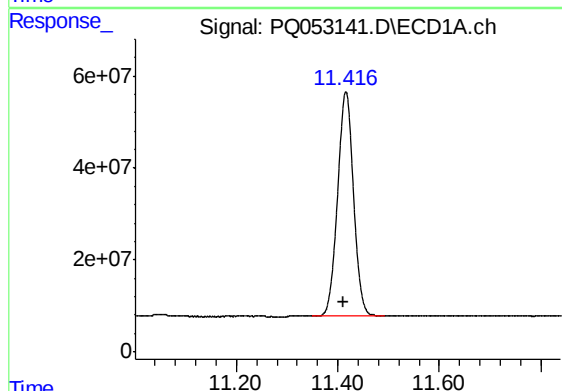
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 539841815
Conc: 19.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



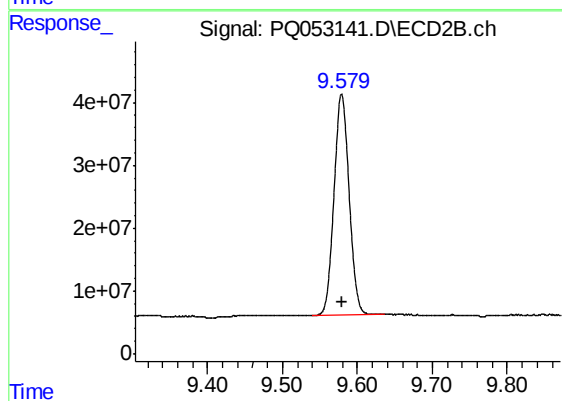
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 219070817
Conc: 18.84 ng/ml



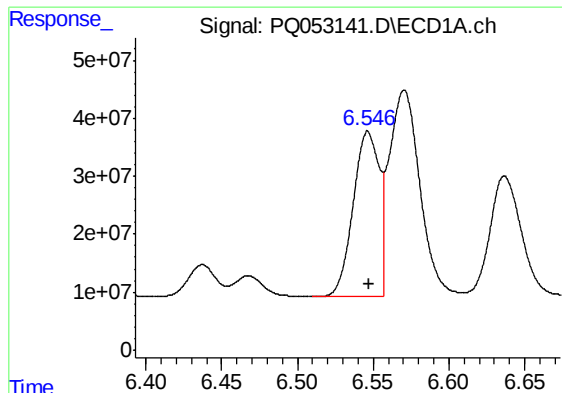
#2 Decachlorobiphenyl

R.T.: 11.416 min
Delta R.T.: 0.004 min
Response: 1058529673
Conc: 37.43 ng/ml



#2 Decachlorobiphenyl

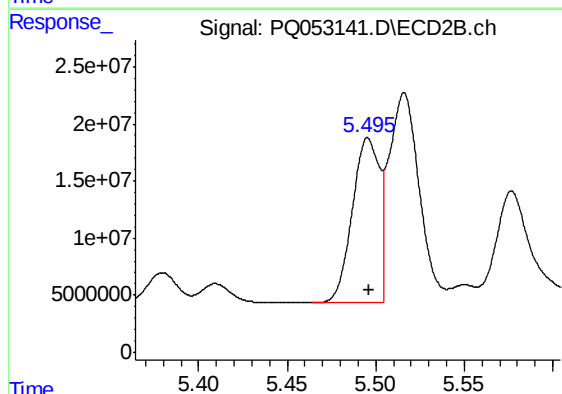
R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 491992522
Conc: 39.53 ng/ml



#3 AR-1016-1

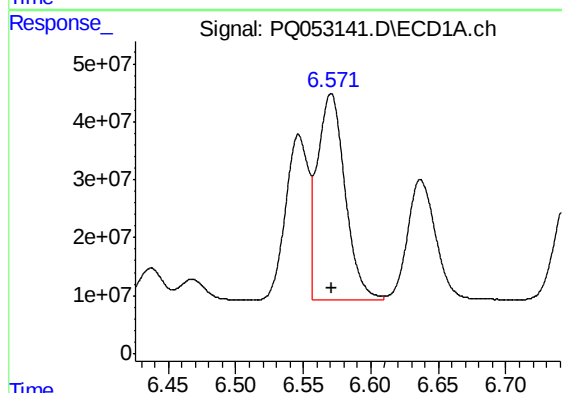
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 340340286
Conc: 349.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



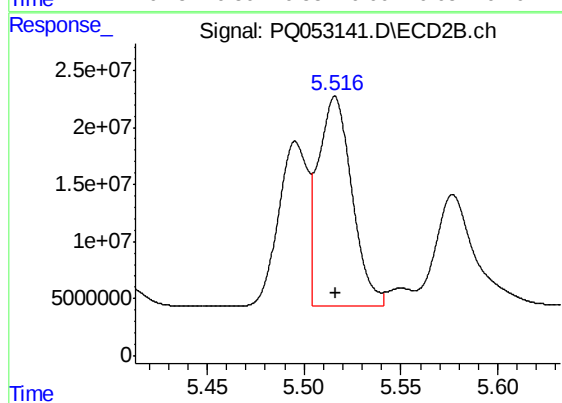
#3 AR-1016-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 152007655
Conc: 345.15 ng/ml



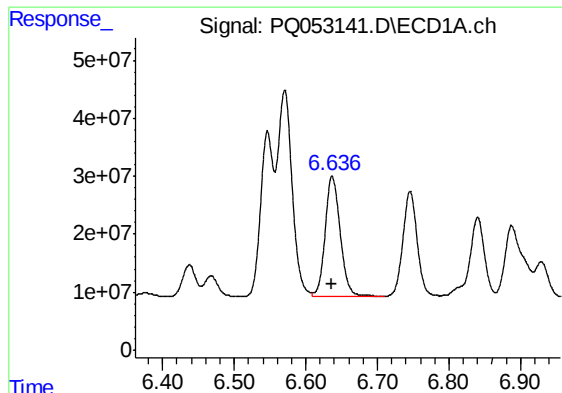
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 506160904
Conc: 348.09 ng/ml



#4 AR-1016-2

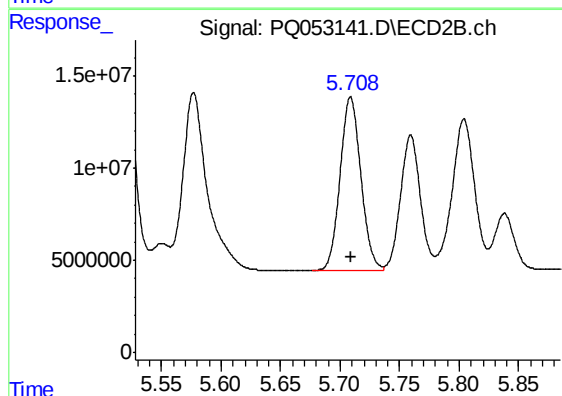
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 221267657
Conc: 349.73 ng/ml



#5 AR-1016-3

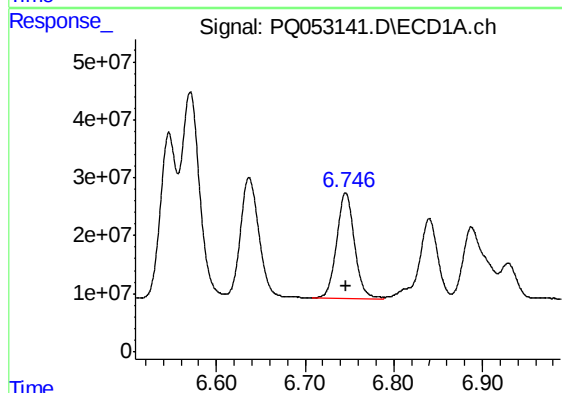
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 307911060
Conc: 350.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



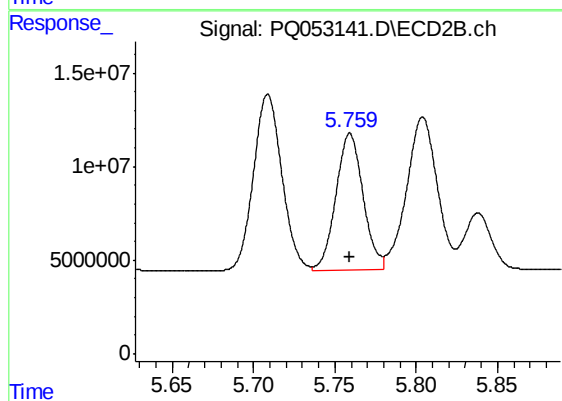
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 114430763
Conc: 347.00 ng/ml



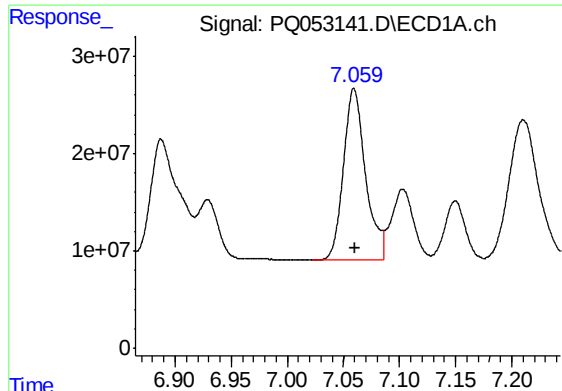
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 255516321
Conc: 352.73 ng/ml



#6 AR-1016-4

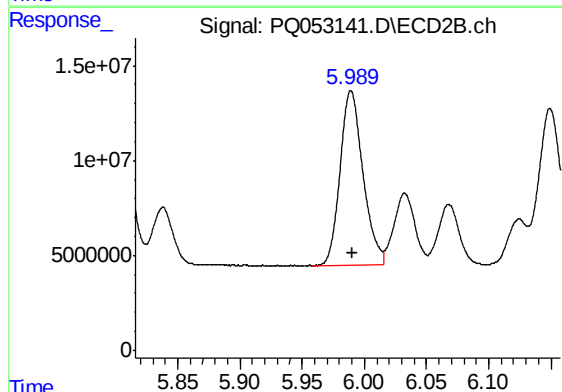
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 84922970
Conc: 325.79 ng/ml



#7 AR-1016-5

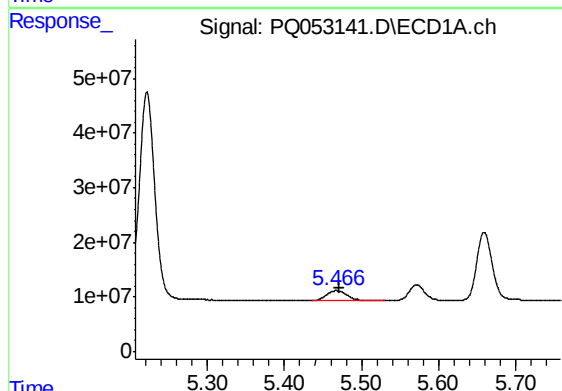
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 242255054
Conc: 350.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



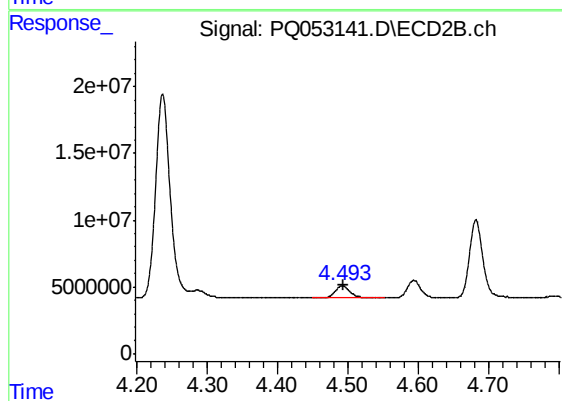
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 118028782
Conc: 355.15 ng/ml



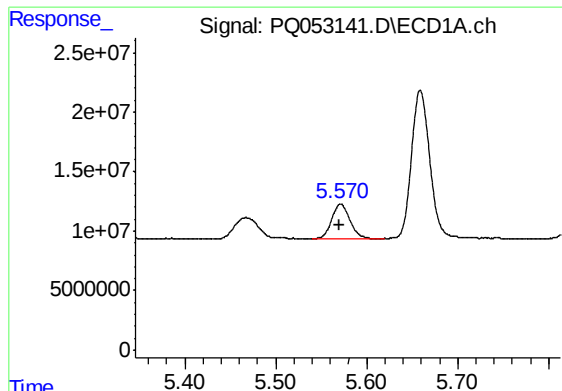
#8 AR-1221-1

R.T.: 5.467 min
Delta R.T.: -0.004 min
Response: 33391261
Conc: 109.79 ng/ml



#8 AR-1221-1

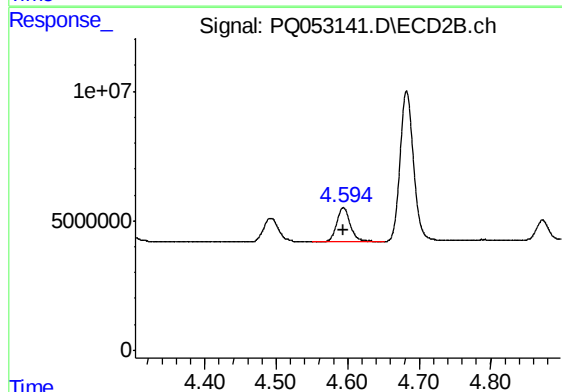
R.T.: 4.492 min
Delta R.T.: -0.001 min
Response: 13585843
Conc: 106.54 ng/ml



#9 AR-1221-2

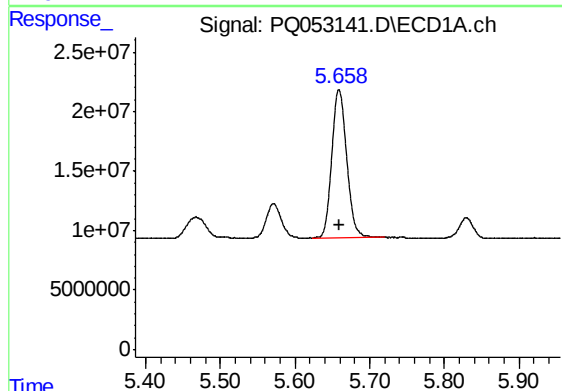
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 41002856
Conc: 198.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



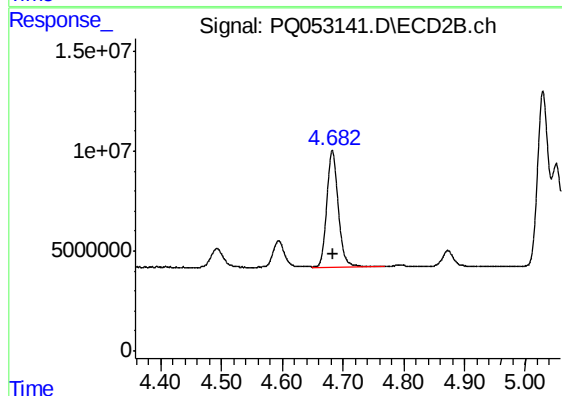
#9 AR-1221-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 17745439
Conc: 199.71 ng/ml



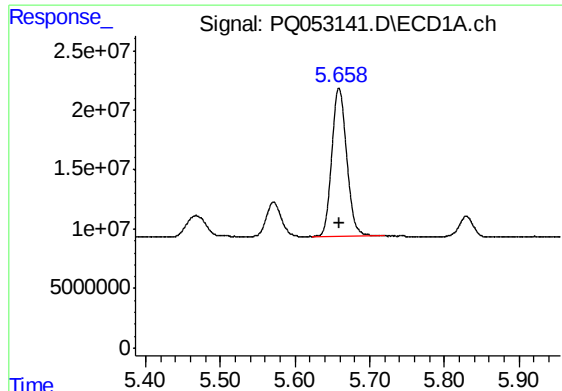
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 173949183
Conc: 250.59 ng/ml



#10 AR-1221-3

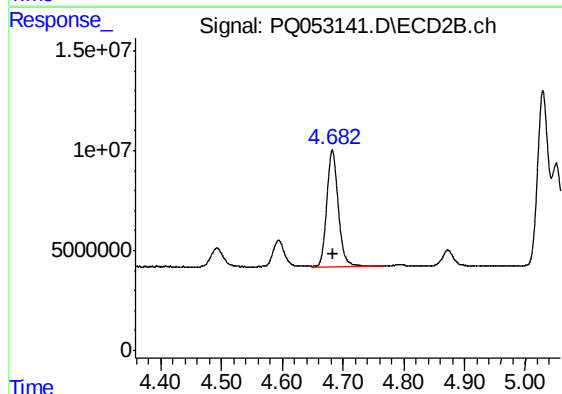
R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 76258941
Conc: 246.94 ng/ml



#11 AR-1232-1

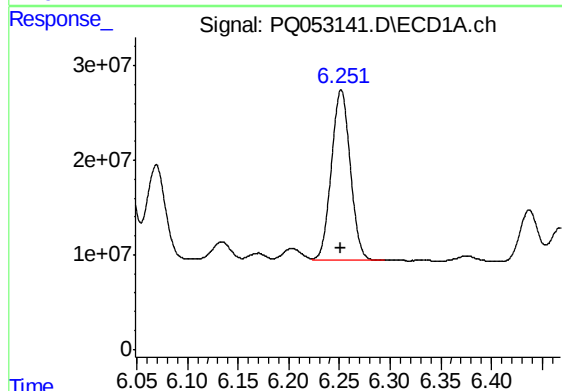
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 173949183
Conc: 334.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



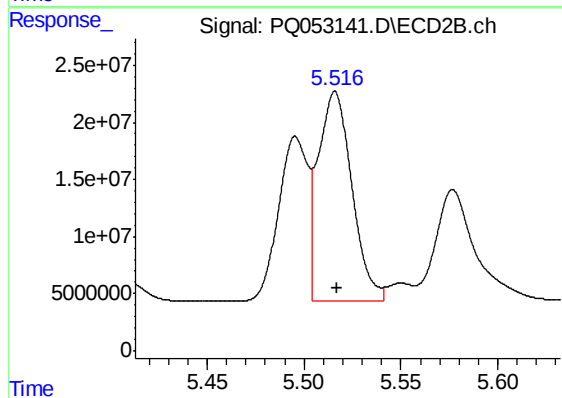
#11 AR-1232-1

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 76258941
Conc: 334.07 ng/ml



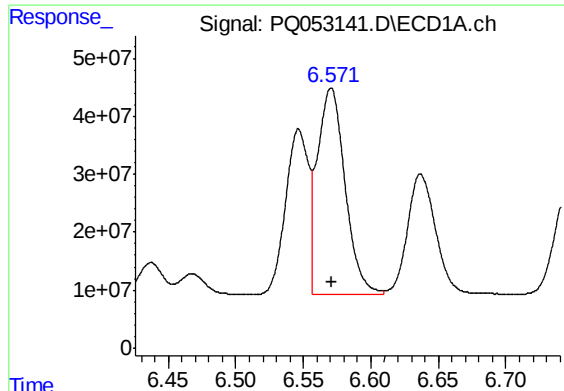
#12 AR-1232-2

R.T.: 6.252 min
Delta R.T.: 0.001 min
Response: 233727149
Conc: 834.70 ng/ml



#12 AR-1232-2

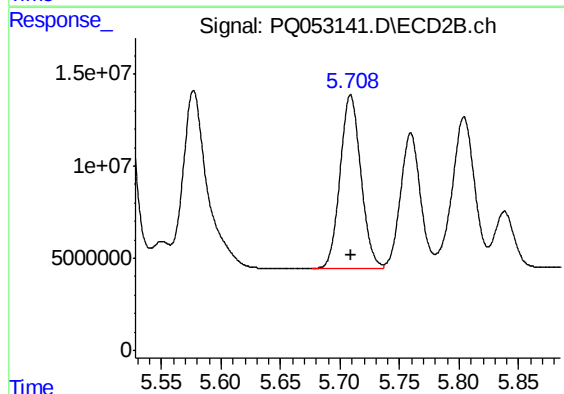
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 221267657
Conc: 905.65 ng/ml



#13 AR-1232-3

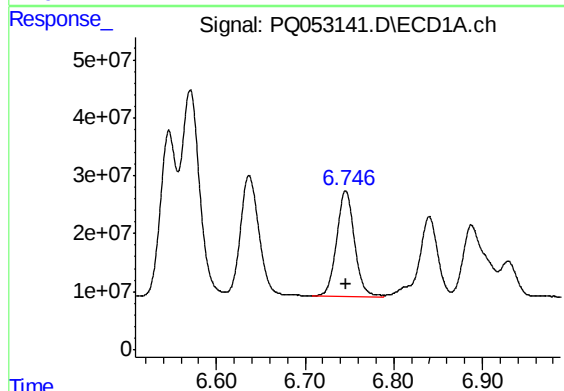
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 506160904
Conc: 882.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



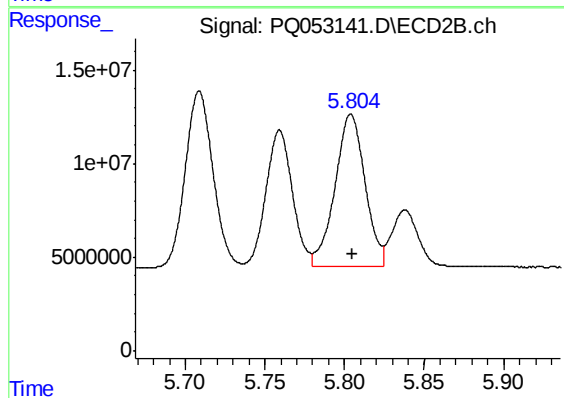
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 114430763
Conc: 935.65 ng/ml



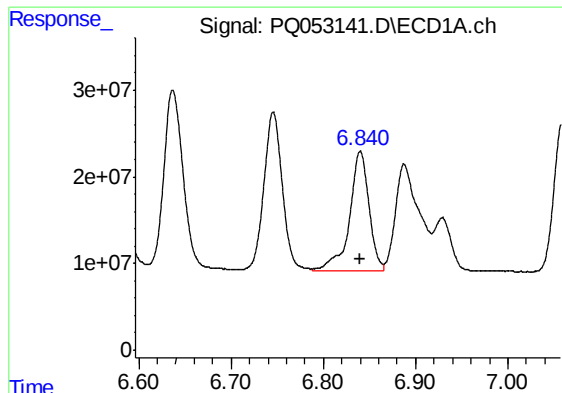
#14 AR-1232-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 255516321
Conc: 893.38 ng/ml



#14 AR-1232-4

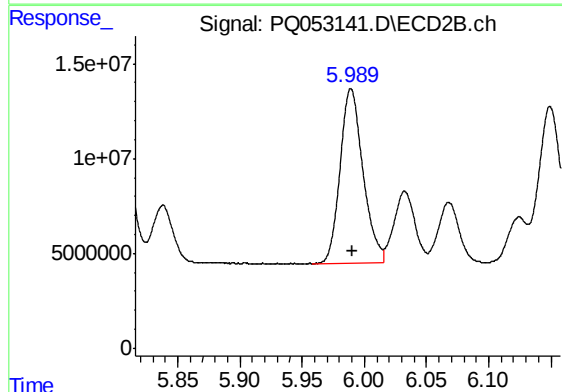
R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 106922939
Conc: 1021.23 ng/ml



#15 AR-1232-5

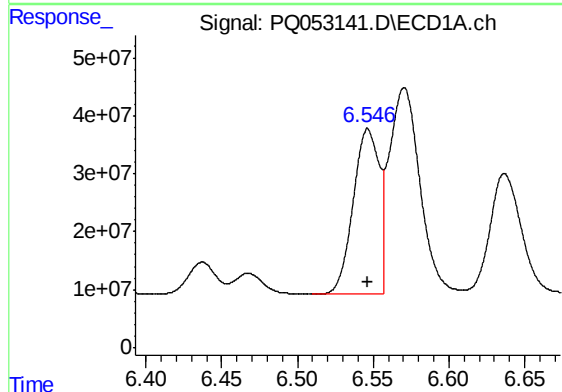
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 203631063
Conc: 997.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



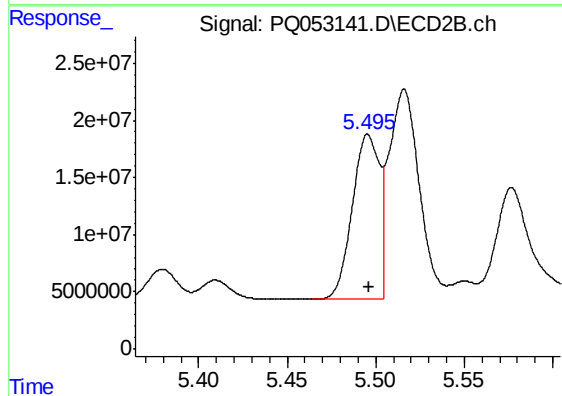
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 118028782
Conc: 1006.27 ng/ml



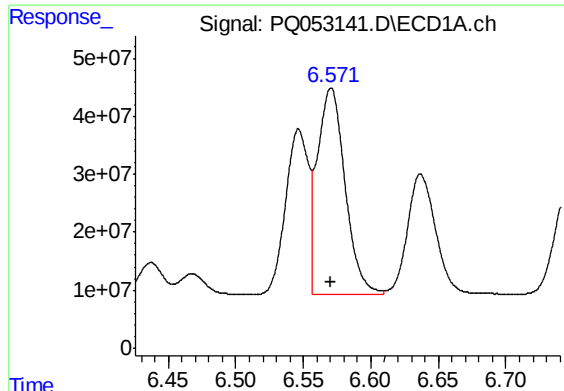
#16 AR-1242-1

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 340340286
Conc: 375.33 ng/ml



#16 AR-1242-1

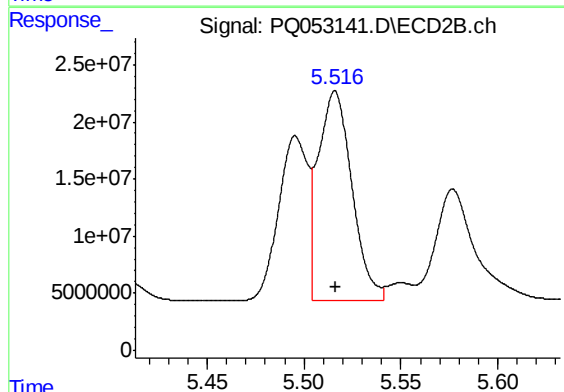
R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 152007655
Conc: 379.23 ng/ml



#17 AR-1242-2

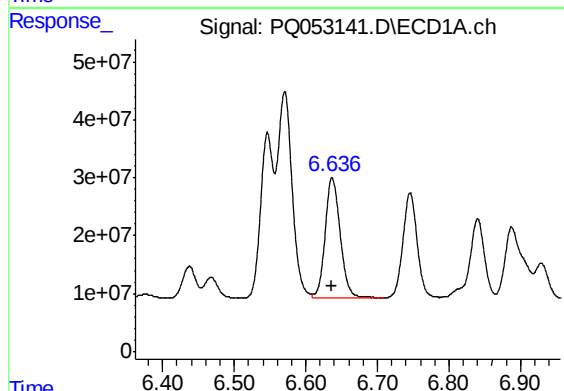
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 506160904
Conc: 372.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



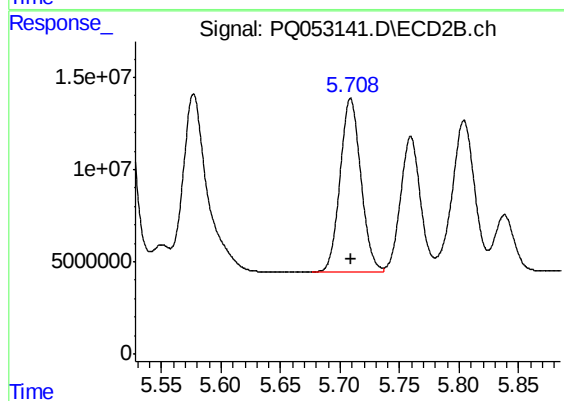
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 221267657
Conc: 379.35 ng/ml



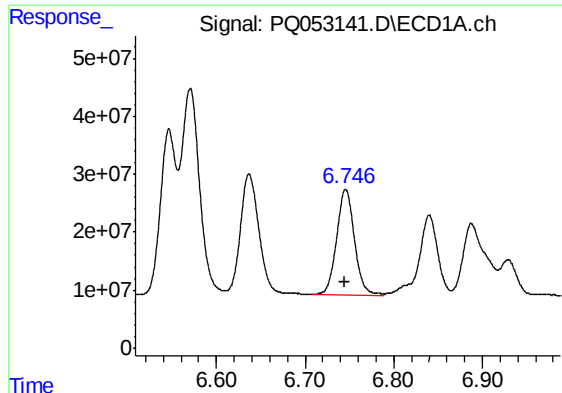
#18 AR-1242-3

R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 307911060
Conc: 373.11 ng/ml



#18 AR-1242-3

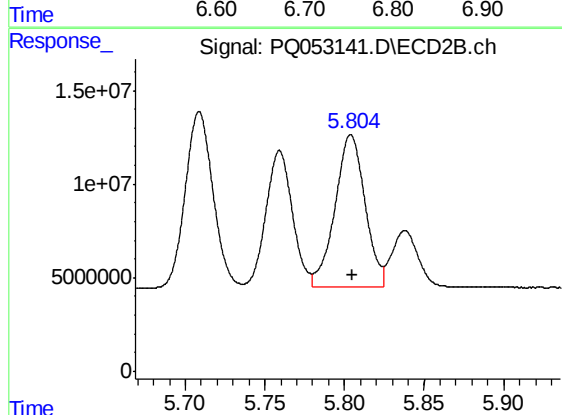
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 114430763
Conc: 377.73 ng/ml



#19 AR-1242-4

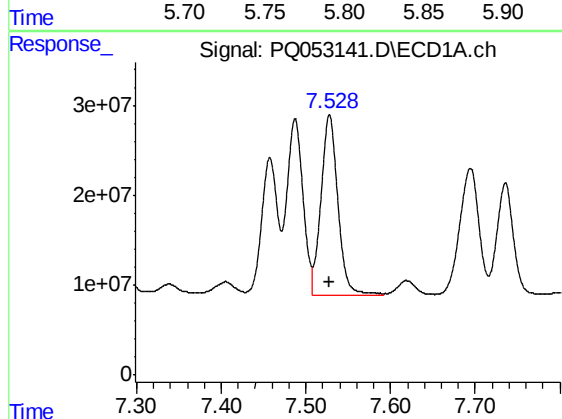
R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 255516321
Conc: 372.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



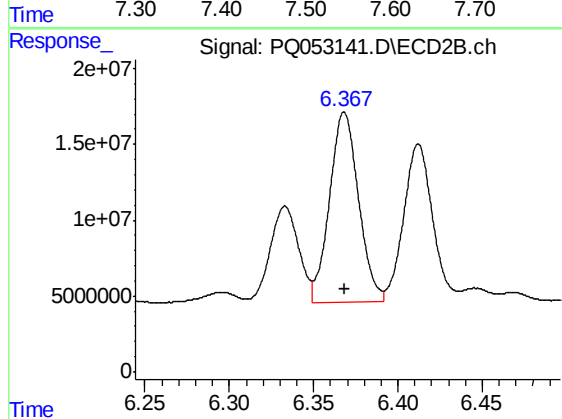
#19 AR-1242-4

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 106922939
Conc: 375.89 ng/ml



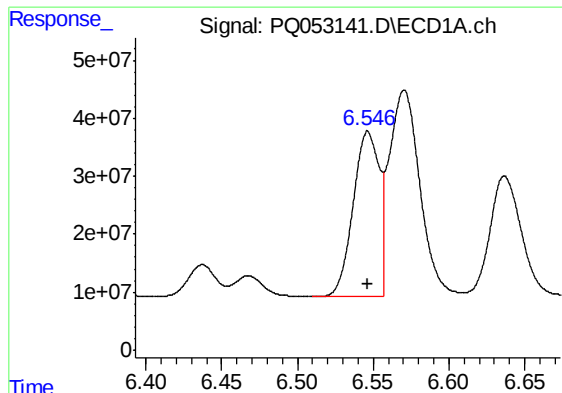
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 276343011
Conc: 378.80 ng/ml



#20 AR-1242-5

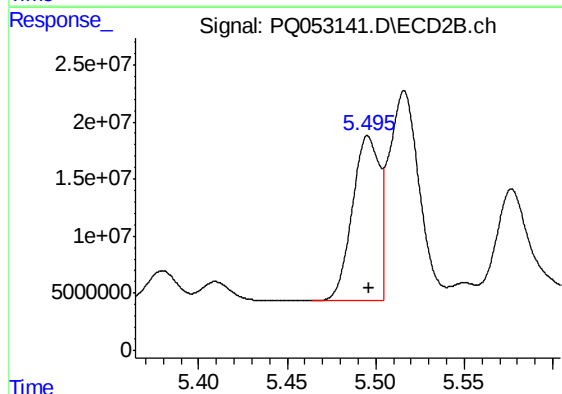
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 149974529
Conc: 378.56 ng/ml



#21 AR-1248-1

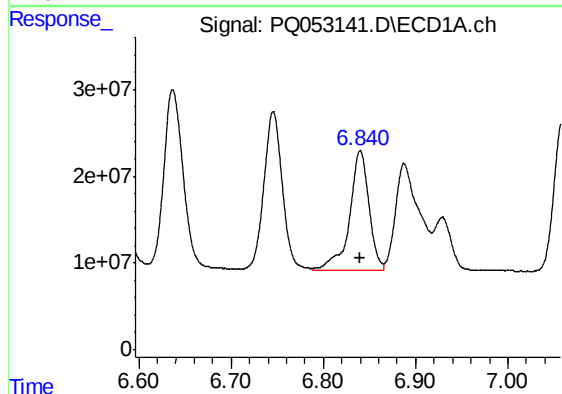
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 340340286
Conc: 550.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



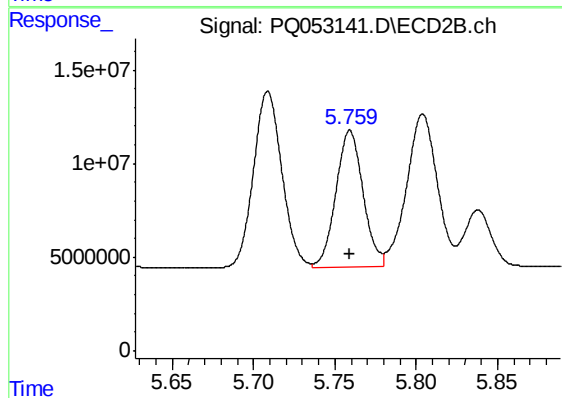
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 152007655
Conc: 558.08 ng/ml



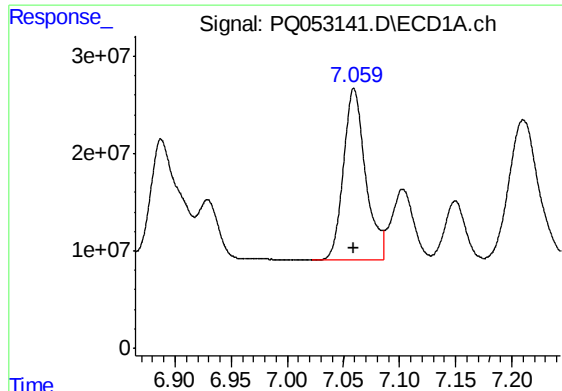
#22 AR-1248-2

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 203631063
Conc: 233.47 ng/ml



#22 AR-1248-2

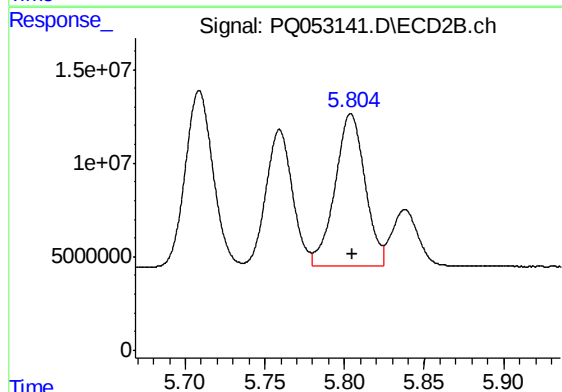
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 84922970
Conc: 228.40 ng/ml



#23 AR-1248-3

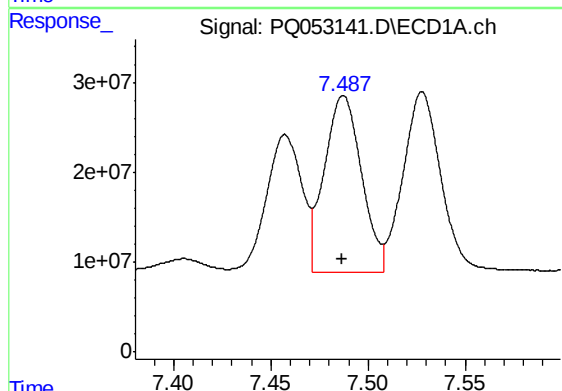
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 242255054
Conc: 247.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



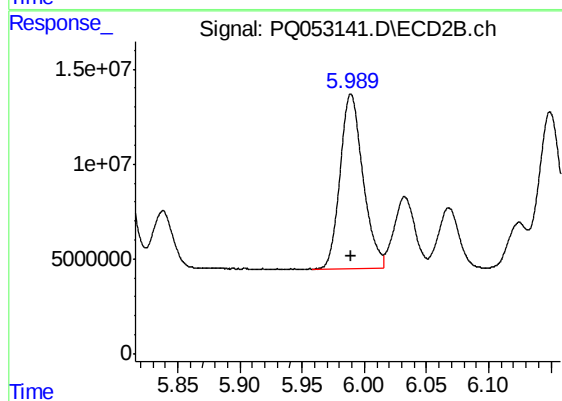
#23 AR-1248-3

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 106922939
Conc: 280.05 ng/ml



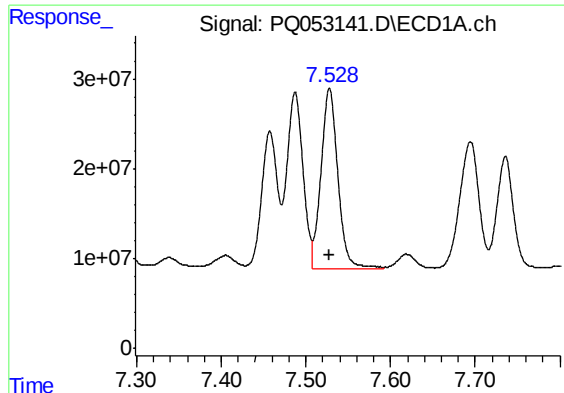
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 259069402
Conc: 226.71 ng/ml



#24 AR-1248-4

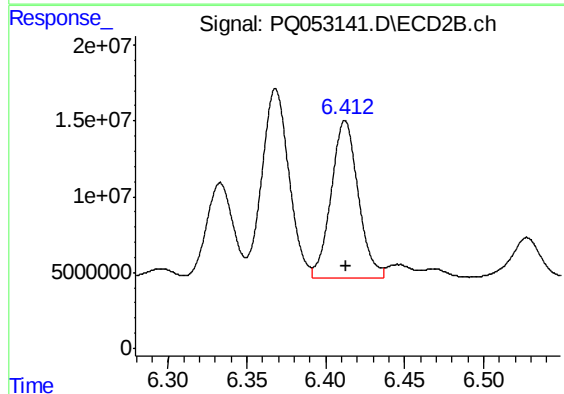
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 118028782
Conc: 252.47 ng/ml



#25 AR-1248-5

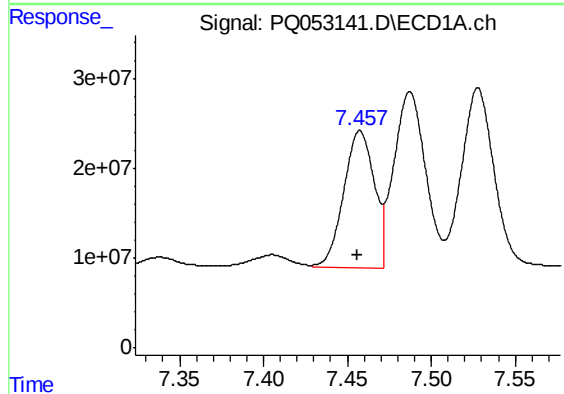
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 276343011
Conc: 242.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



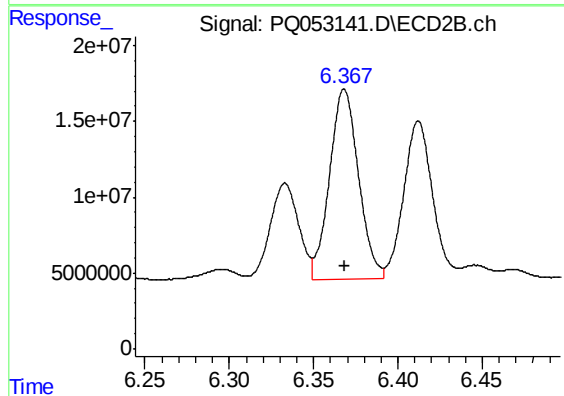
#25 AR-1248-5

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 124940171
Conc: 253.91 ng/ml



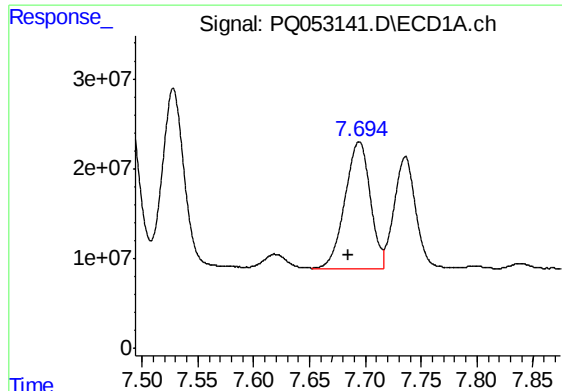
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.002 min
Response: 193169204
Conc: 122.88 ng/ml



#26 AR-1254-1

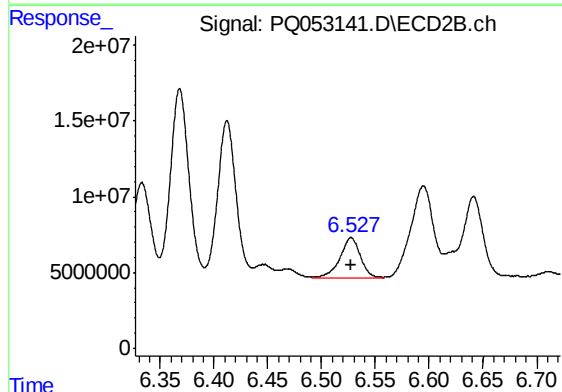
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 149974529
Conc: 139.87 ng/ml



#27 AR-1254-2

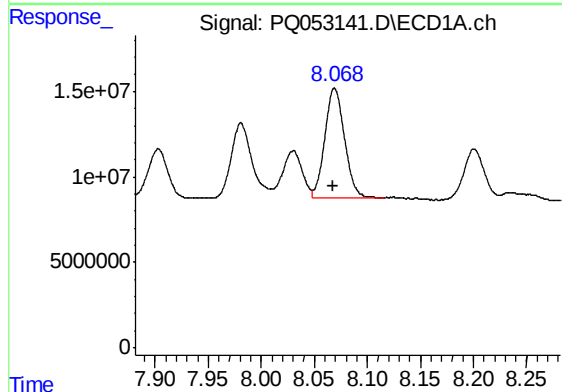
R.T.: 7.695 min
Delta R.T.: 0.010 min
Response: 224322847
Conc: 91.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



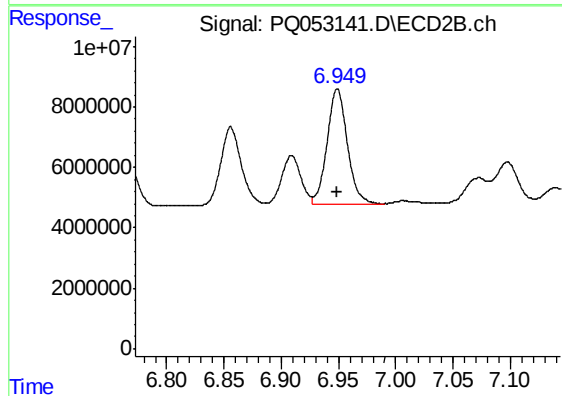
#27 AR-1254-2

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 35222095
Conc: 36.93 ng/ml



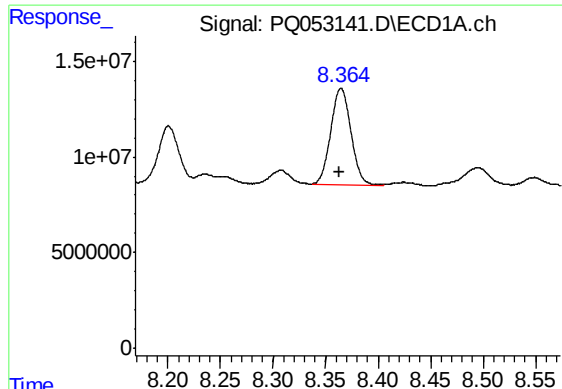
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 83474000
Conc: 31.72 ng/ml



#28 AR-1254-3

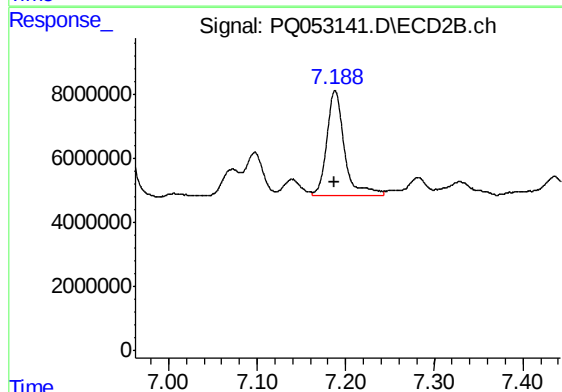
R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 47216045
Conc: 30.48 ng/ml



#29 AR-1254-4

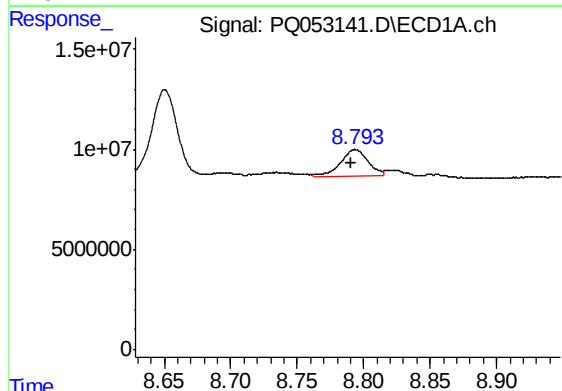
R.T.: 8.365 min
Delta R.T.: 0.002 min
Response: 67713045
Conc: 35.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



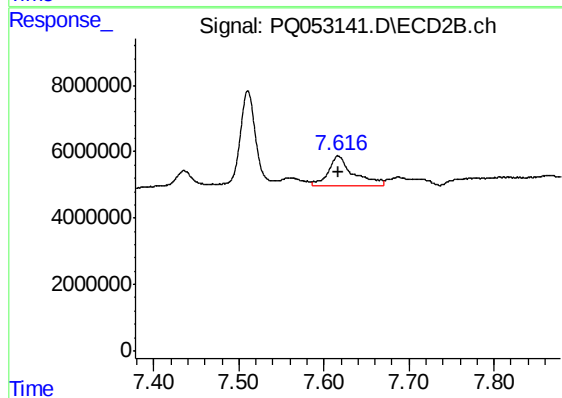
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 45338954
Conc: 43.30 ng/ml



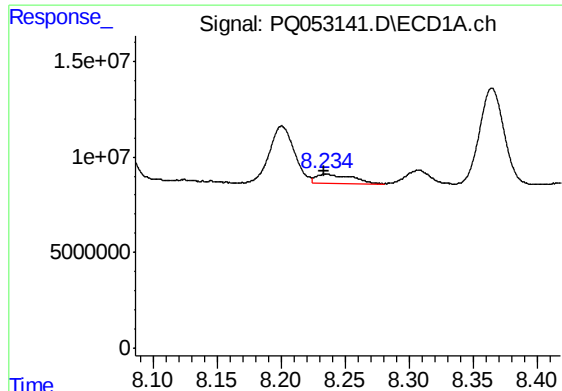
#30 AR-1254-5

R.T.: 8.794 min
Delta R.T.: 0.003 min
Response: 19120472
Conc: 9.35 ng/ml



#30 AR-1254-5

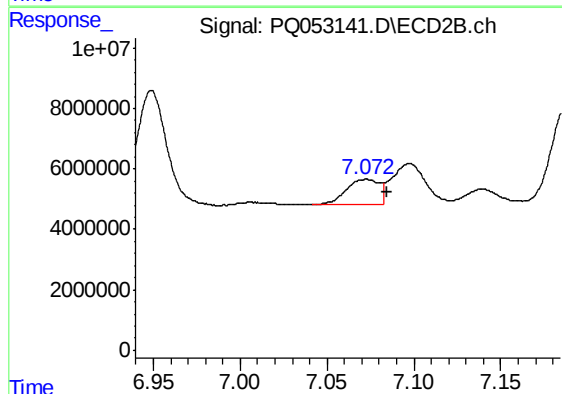
R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 18046353
Conc: 12.37 ng/ml



#31 AR-1260-1

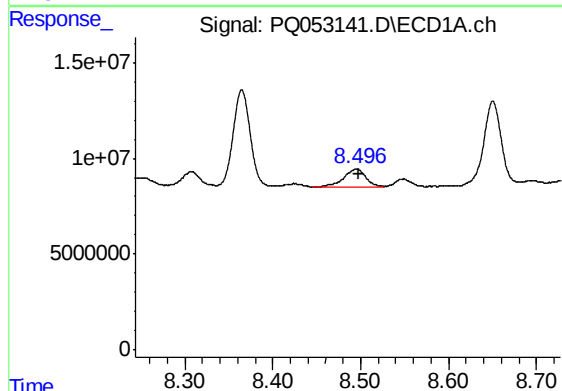
R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 9272351
Conc: 8.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



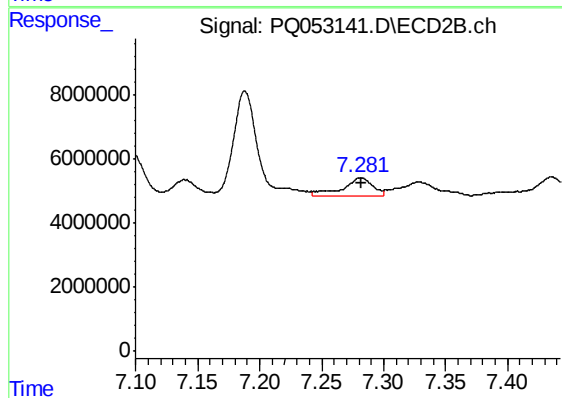
#31 AR-1260-1

R.T.: 7.072 min
Delta R.T.: -0.012 min
Response: 11007138
Conc: 16.99 ng/ml



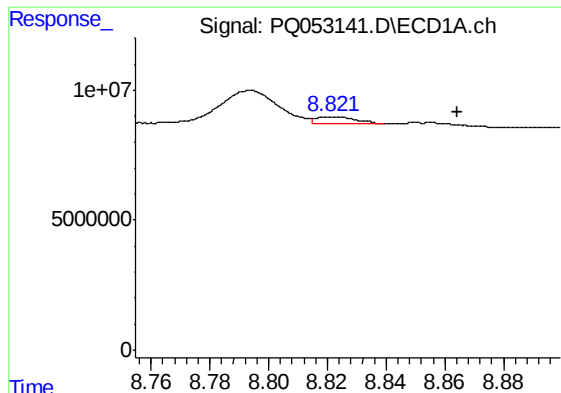
#32 AR-1260-2

R.T.: 8.495 min
Delta R.T.: -0.002 min
Response: 16488970
Conc: 11.83 ng/ml



#32 AR-1260-2

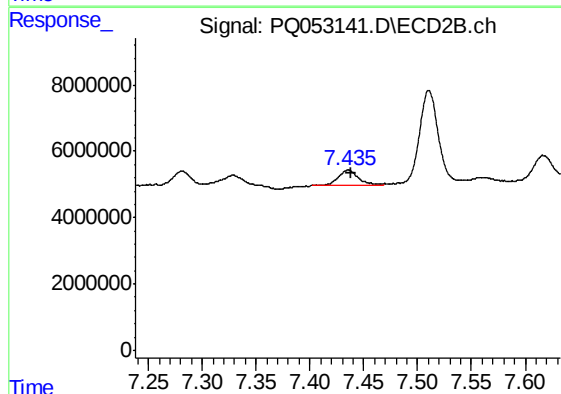
R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 9564729
Conc: 10.32 ng/ml



#33 AR-1260-3

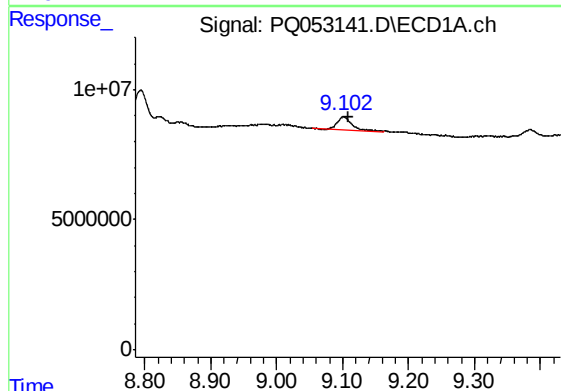
R.T.: 8.822 min
Delta R.T.: -0.043 min
Response: 2582979
Conc: 2.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



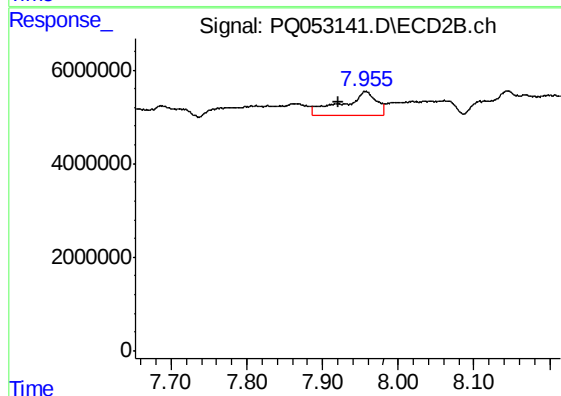
#33 AR-1260-3

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 6200146
Conc: 7.97 ng/ml



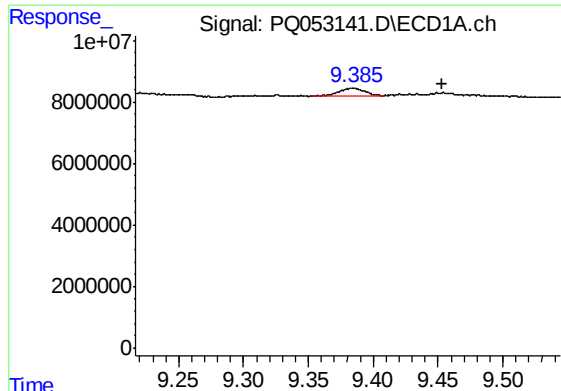
#34 AR-1260-4

R.T.: 9.102 min
Delta R.T.: -0.006 min
Response: 7382724
Conc: 6.10 ng/ml



#34 AR-1260-4

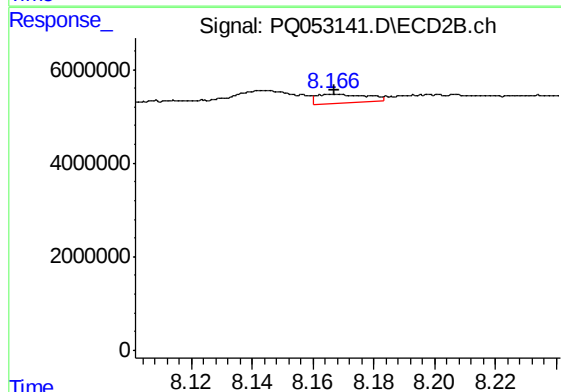
R.T.: 7.957 min
Delta R.T.: 0.036 min
Response: 16157934
Conc: 23.80 ng/ml



#35 AR-1260-5

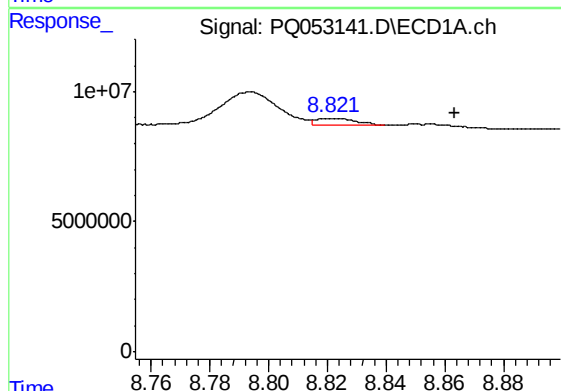
R.T.: 9.385 min
Delta R.T.: -0.068 min
Response: 3812509
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



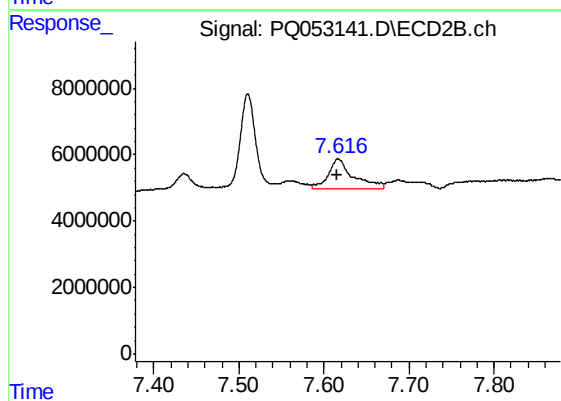
#35 AR-1260-5

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 2201716
Conc: 1.19 ng/ml



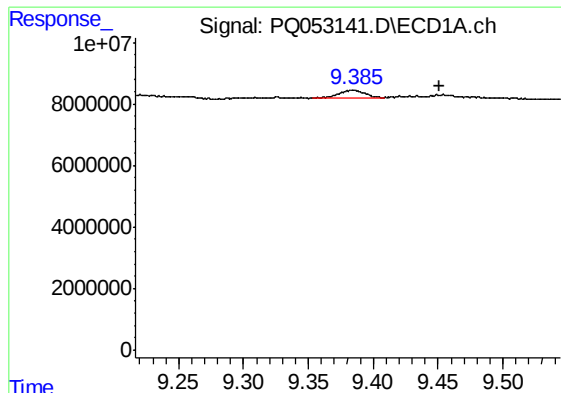
#36 AR-1262-1

R.T.: 8.822 min
Delta R.T.: -0.041 min
Response: 2582979
Conc: 1.29 ng/ml



#36 AR-1262-1

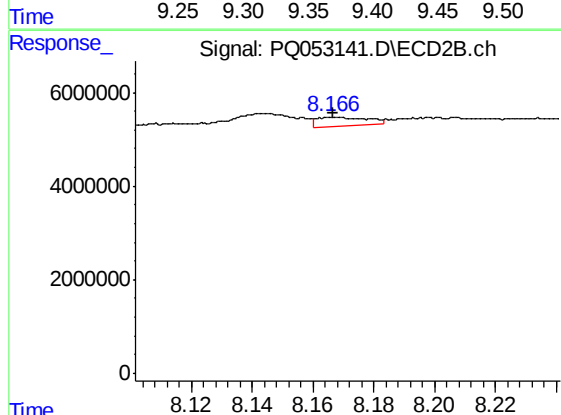
R.T.: 7.617 min
Delta R.T.: 0.002 min
Response: 18046353
Conc: 29.44 ng/ml



#37 AR-1262-2

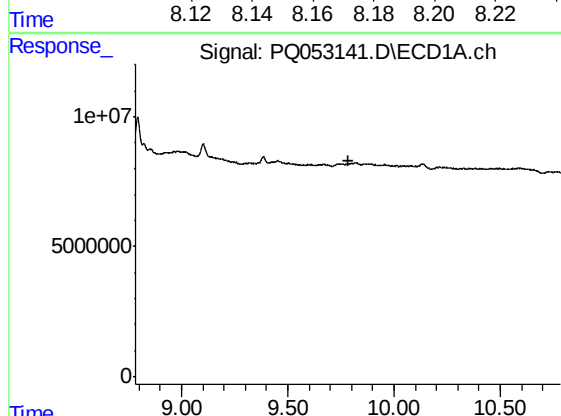
R.T.: 9.385 min
Delta R.T.: -0.066 min
Response: 3812509
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



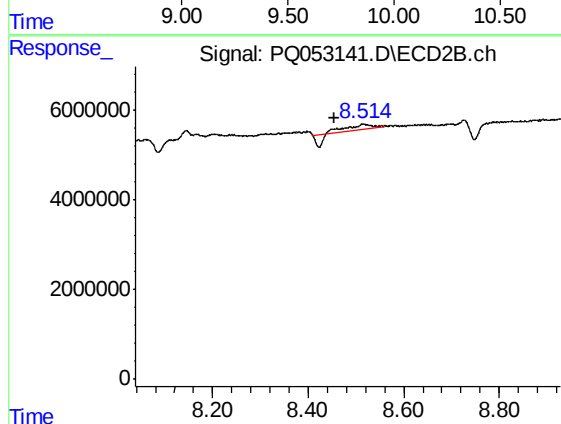
#37 AR-1262-2

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 2201716
Conc: 0.87 ng/ml



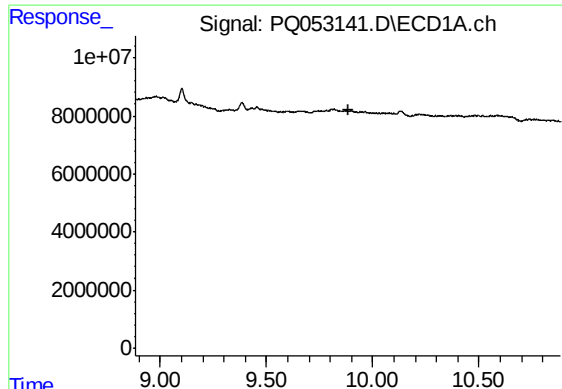
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.783 min
Response: 0
Conc: N.D.



#38 AR-1262-3

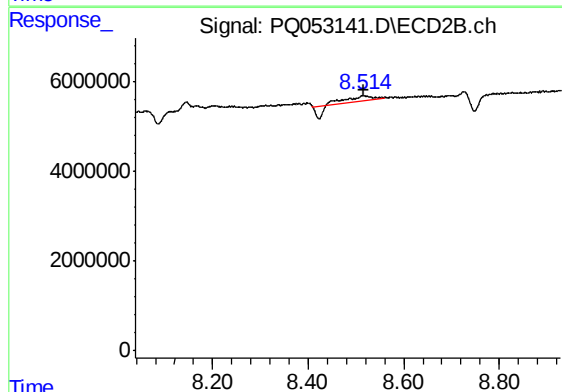
R.T.: 8.515 min
Delta R.T.: 0.061 min
Response: 2927126
Conc: 2.88 ng/ml



#39 AR-1262-4

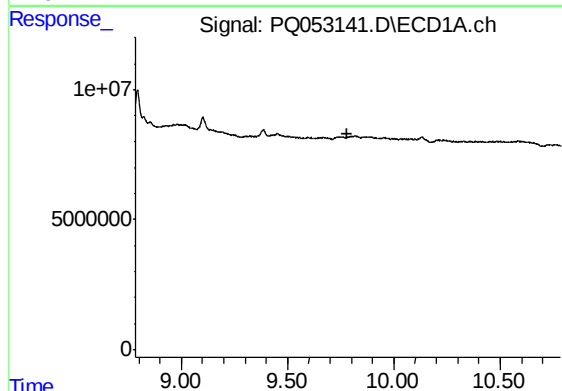
R.T.: 0.000 min
Exp R.T. : 9.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12423090



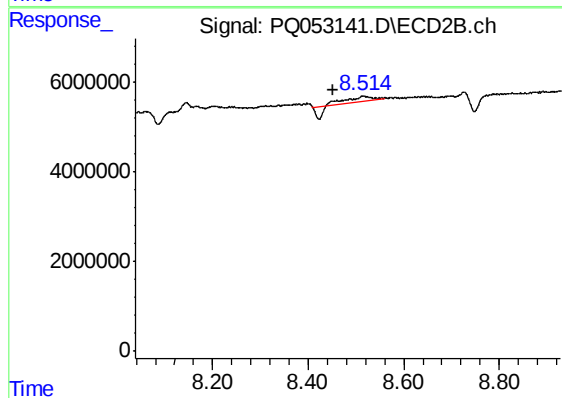
#39 AR-1262-4

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 2927126
Conc: 1.70 ng/ml



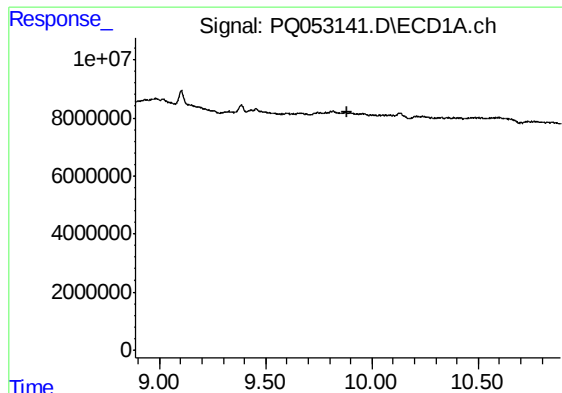
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.784 min
Response: 0
Conc: N.D.



#41 AR-1268-1

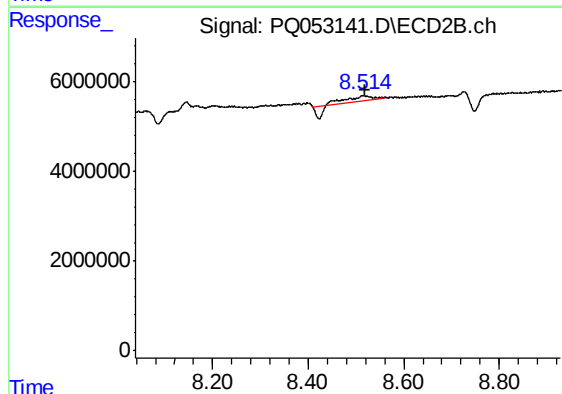
R.T.: 8.515 min
Delta R.T.: 0.062 min
Response: 2927126
Conc: 1.00 ng/ml



#42 AR-1268-2

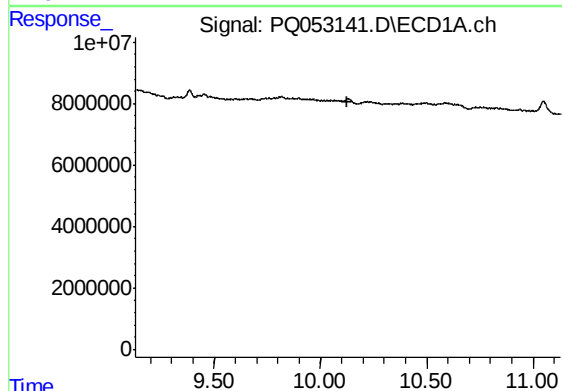
R.T.: 0.000 min
Exp R.T. : 9.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12423090



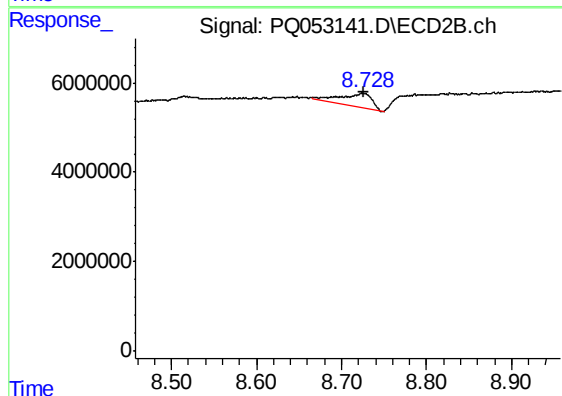
#42 AR-1268-2

R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 2927126
Conc: 1.18 ng/ml



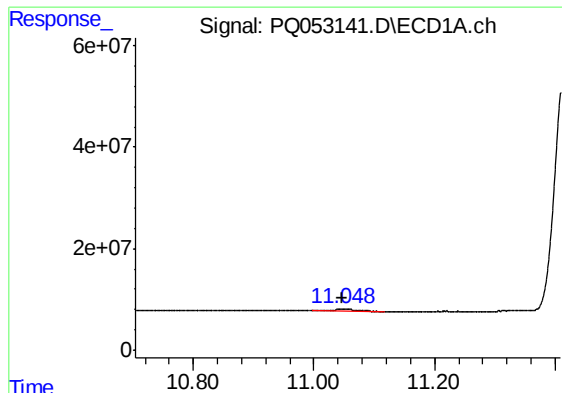
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.129 min
Response: 0
Conc: N.D.



#43 AR-1268-3

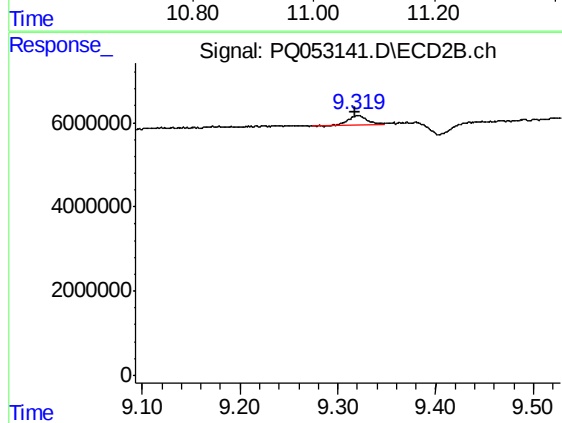
R.T.: 8.725 min
Delta R.T.: -0.002 min
Response: 7733500
Conc: 3.57 ng/ml



#45 AR-1268-5

R.T.: 11.049 min
Delta R.T.: 0.003 min
Response: 7823823
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423090



#45 AR-1268-5

R.T.: 9.320 min
Delta R.T.: 0.002 min
Response: 2789166
Conc: 0.45 ng/ml