

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041323\
 Data File : PQ060983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 11:33
 Operator : YP\AJ
 Sample : 02255-03MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:53:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 13 01:33:58 2023
 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...	3.405	2.762	202.1E6	92421705	23.066	23.790
2)	SA Decachlor...	8.586	7.540	270.1E6	202.3E6	45.059	45.980
Target Compounds							
3)	L1 AR-1016-1	4.505	3.766	133.5E6	63812940	452.648	453.691
4)	L1 AR-1016-2	4.525	3.781	193.5E6	94966876	446.553	464.525
5)	L1 AR-1016-3	4.582	3.941	120.5E6	49796061	441.263	461.473
6)	L1 AR-1016-4	4.674	3.991	99950231	42171678	442.411	467.875
7)	L1 AR-1016-5	4.961	4.185	97893277	50665765	444.704	448.682
8)	L2 AR-1221-1	3.600	2.964	15784539	6414031	145.881	119.512
9)	L2 AR-1221-2	3.684	3.041	19892635	8040611	282.440	227.571
10)	L2 AR-1221-3	3.753	3.109	69712278	33558455	298.009	300.740
11)	L3 AR-1232-1	3.753	3.109	69712278	33558455	347.113	354.616
12)	L3 AR-1232-2	4.247	3.781	103.3E6	94966876	971.741	1007.991
13)	L3 AR-1232-3	4.525	3.941	193.5E6	49796061	959.616	1035.185
14)	L3 AR-1232-4	4.674	4.027	99950231	46784686	974.155	1122.130
15)	L3 AR-1232-5	4.771	4.185	78644018	50665765	1084.083	1053.015
16)	L4 AR-1242-1	4.505	3.766	133.5E6	63812940	546.420	540.980
17)	L4 AR-1242-2	4.525	3.781	193.5E6	94966876	541.758	559.165
18)	L4 AR-1242-3	4.582	3.941	120.5E6	49796061	540.390	550.333
19)	L4 AR-1242-4	4.674	4.027	99950231	46784686	538.509	555.136
20)	L4 AR-1242-5	5.389	4.522	15137702	41506195	75.404	368.850 #
21)	L5 AR-1248-1	4.505	3.766	133.5E6	63812940	689.015	678.876
22)	L5 AR-1248-2	4.771	3.991	78644018	42171678	308.698	312.874
23)	L5 AR-1248-3	4.961	4.027	97893277	46784686	319.282	362.131
24)	L5 AR-1248-4	5.354	4.185	16687459	50665765	47.479	319.867 #
25)	L5 AR-1248-5	5.389	4.560	15137702	6794578	43.962	41.766
26)	L6 AR-1254-1	5.327	4.522	78152861	41506195	231.018	175.432
27)	L6 AR-1254-2	5.545	4.669	84646402	40643132	166.177	196.446
28)	L6 AR-1254-3	5.897	5.051	47135552	21424070	85.667	67.747
29)	L6 AR-1254-4	6.180	5.277	29378892	8576341	71.440	40.473 #
30)	L6 AR-1254-5	6.595	5.682	267.4E6	157.2E6	592.246	516.073
31)	L7 AR-1260-1	6.063	5.180	182.1E6	102.0E6	438.584	447.459
32)	L7 AR-1260-2	6.323	5.370	216.5E6	125.0E6	433.010	445.750
33)	L7 AR-1260-3	6.677	5.511	139.2E6	118.4E6	375.223	446.081
34)	L7 AR-1260-4	6.893	5.974	166.5E6	88120339	399.310	393.819
35)	L7 AR-1260-5	7.205	6.220	313.9E6	200.7E6	390.949	397.564
36)	L8 AR-1262-1	6.677	5.726	139.2E6	86774280	262.434	274.638
37)	L8 AR-1262-2	7.205	6.220	313.9E6	200.7E6	349.034	347.403
38)	L8 AR-1262-3	7.484	6.499	203.4E6	41740928	336.733	173.696 #
39)	L8 AR-1262-4	7.554	6.556	53976415	156.0E6	114.970	356.582 #
40)	L8 AR-1262-5	8.059	7.054	73717914	51483493	240.127	241.908
41)	L9 AR-1268-1	7.484	6.499	203.4E6	41740928	252.949	77.219 #

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 Acq On : 13 Apr 2023 11:33
 Operator : YP\AJ
 Sample : 02255-03MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

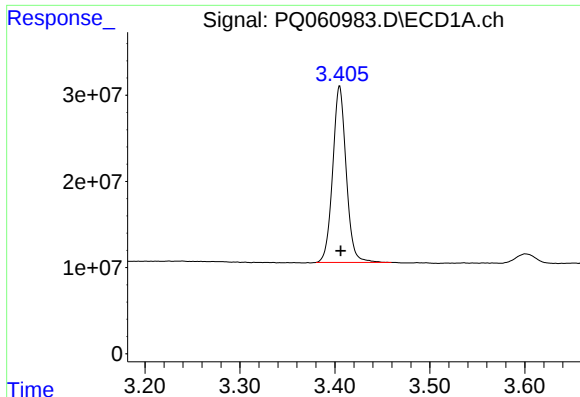
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:53:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041223CLP.M
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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
42) L9	AR-1268-2	7.554	6.556	53976415	156.0E6	73.603	318.133 #
43) L9	AR-1268-3	7.738	6.762	6360996	4144373	10.454	9.786
44) L9	AR-1268-4	8.059	7.054	73717914	51483493	274.099	269.509
45) L9	AR-1268-5	8.351	7.322	25653782	17794370	14.749	13.160

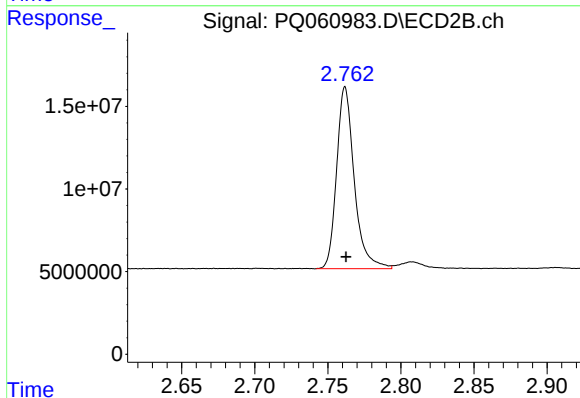
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

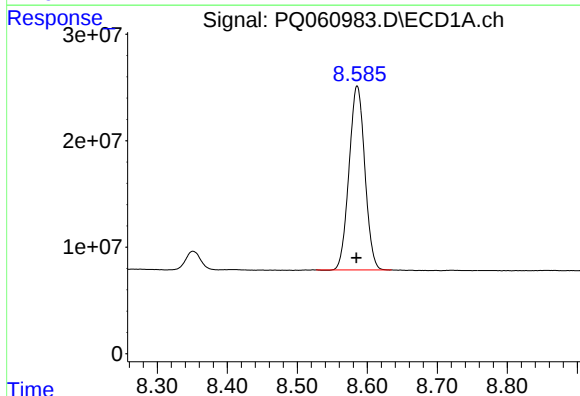
R.T.: 3.405 min
Delta R.T.: -0.001 min
Response: 202117571
Conc: 23.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



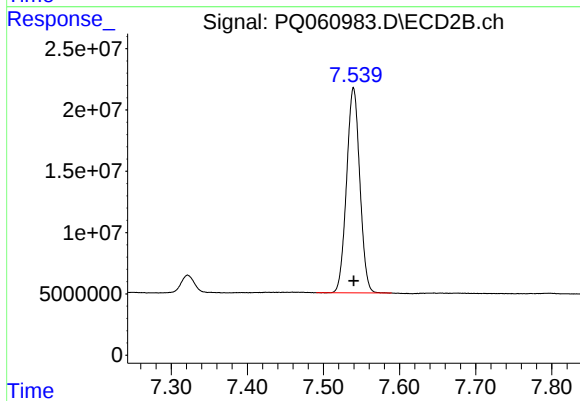
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 92421705
Conc: 23.79 ng/ml



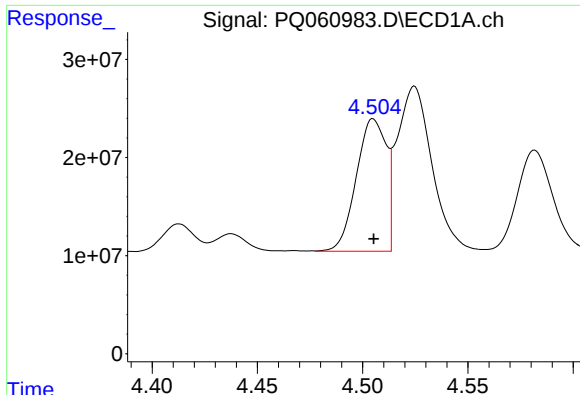
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 270112048
Conc: 45.06 ng/ml



#2 Decachlorobiphenyl

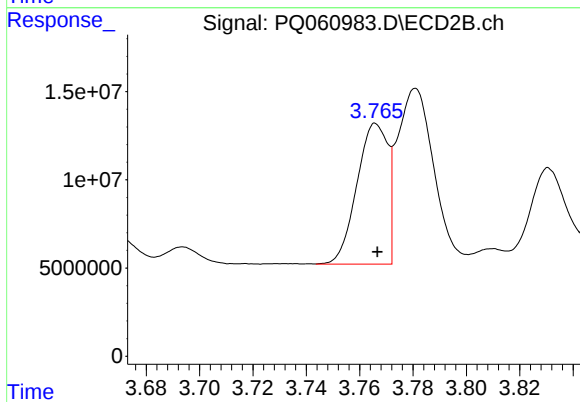
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 202330376
Conc: 45.98 ng/ml



#3 AR-1016-1

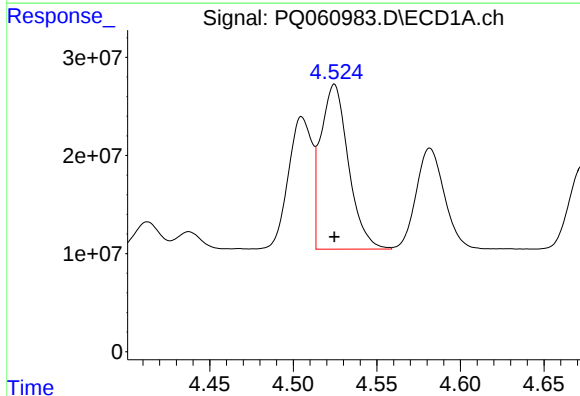
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 133459977
Conc: 452.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



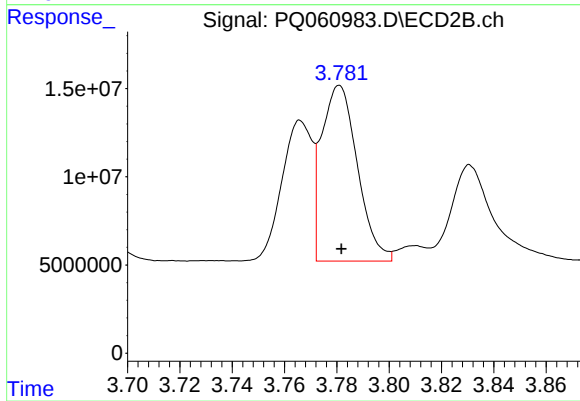
#3 AR-1016-1

R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 63812940
Conc: 453.69 ng/ml



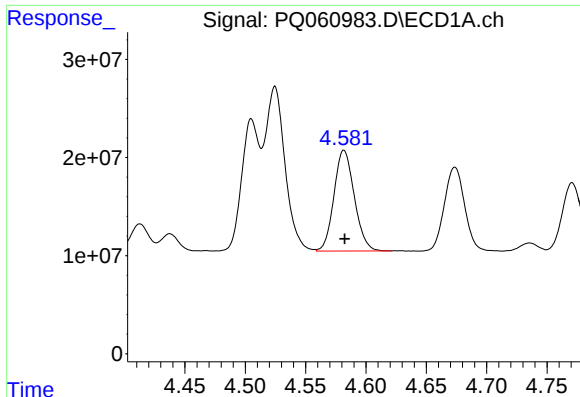
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 193489322
Conc: 446.55 ng/ml



#4 AR-1016-2

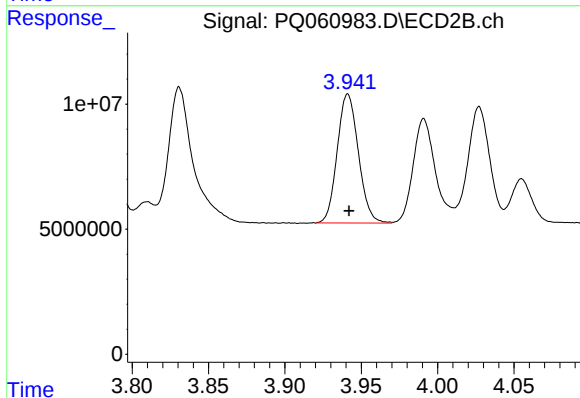
R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 94966876
Conc: 464.52 ng/ml



#5 AR-1016-3

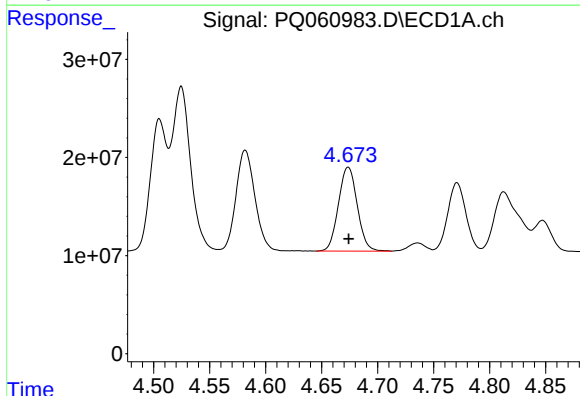
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 120493656
Conc: 441.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



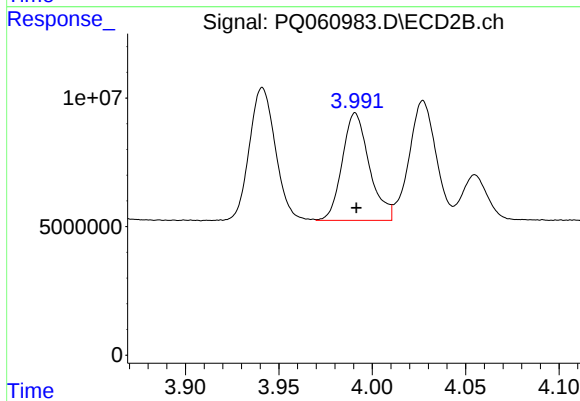
#5 AR-1016-3

R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 49796061
Conc: 461.47 ng/ml



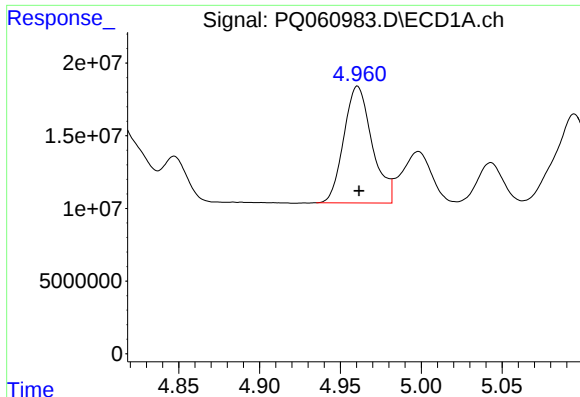
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 99950231
Conc: 442.41 ng/ml



#6 AR-1016-4

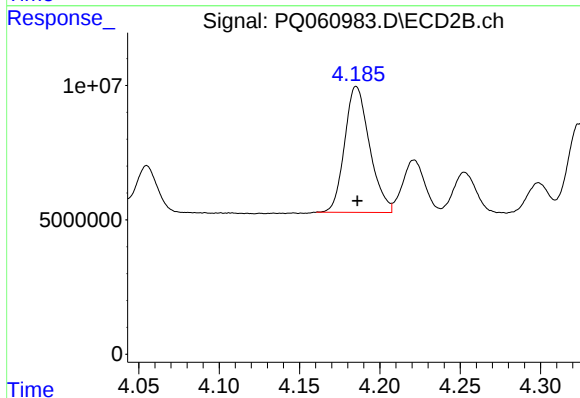
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 42171678
Conc: 467.88 ng/ml



#7 AR-1016-5

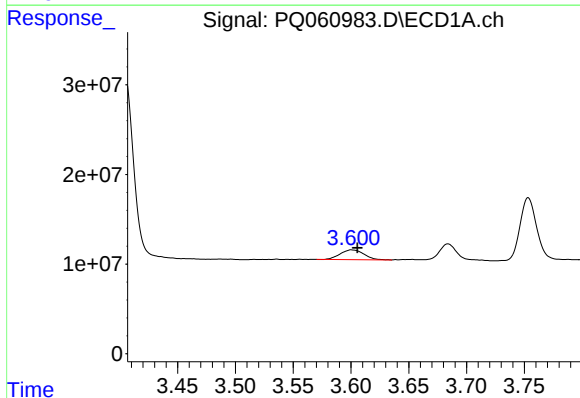
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 97893277
Conc: 444.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



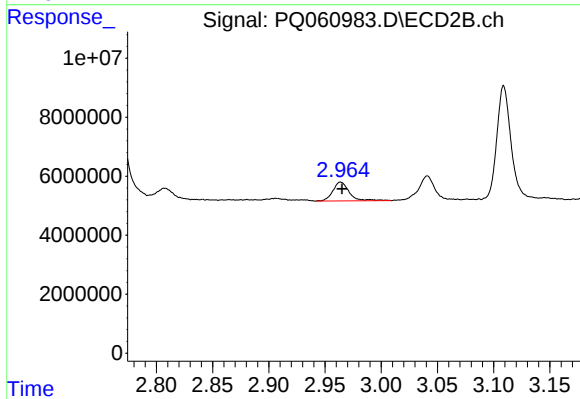
#7 AR-1016-5

R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 50665765
Conc: 448.68 ng/ml



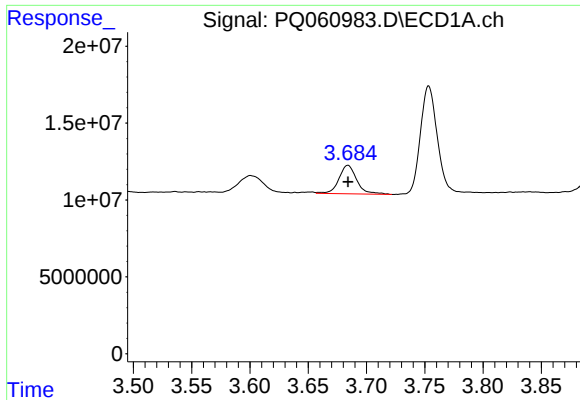
#8 AR-1221-1

R.T.: 3.600 min
Delta R.T.: -0.005 min
Response: 15784539
Conc: 145.88 ng/ml



#8 AR-1221-1

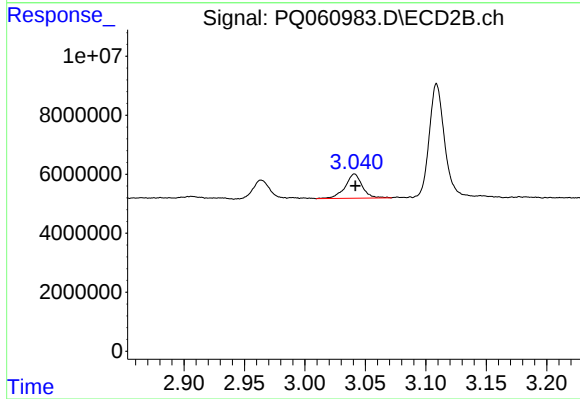
R.T.: 2.964 min
Delta R.T.: -0.001 min
Response: 6414031
Conc: 119.51 ng/ml



#9 AR-1221-2

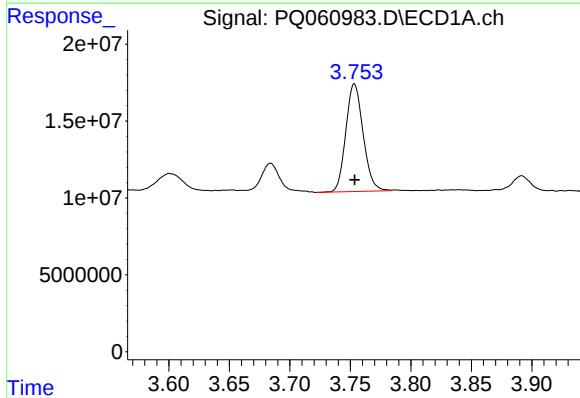
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 19892635
Conc: 282.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



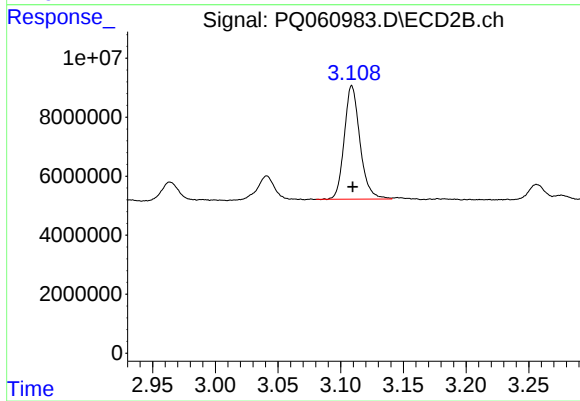
#9 AR-1221-2

R.T.: 3.041 min
Delta R.T.: 0.000 min
Response: 8040611
Conc: 227.57 ng/ml



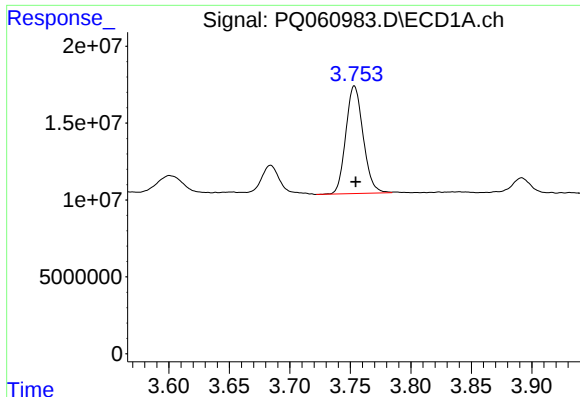
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 69712278
Conc: 298.01 ng/ml



#10 AR-1221-3

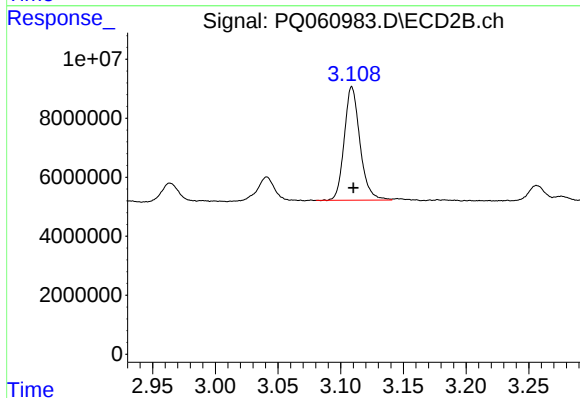
R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 33558455
Conc: 300.74 ng/ml



#11 AR-1232-1

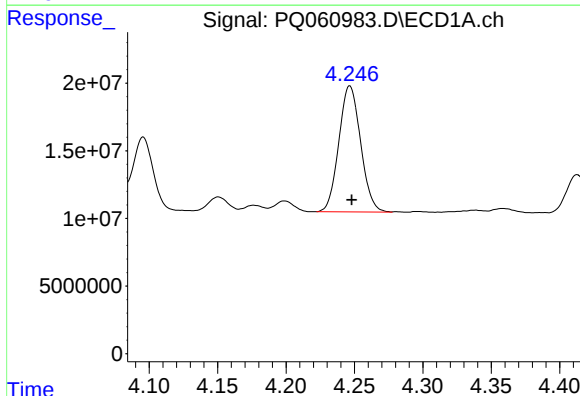
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 69712278
Conc: 347.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



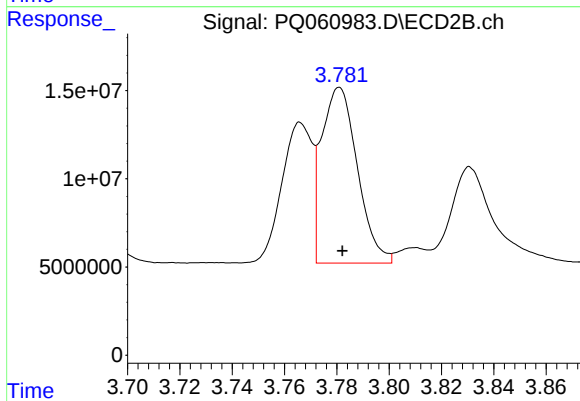
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: -0.001 min
Response: 33558455
Conc: 354.62 ng/ml



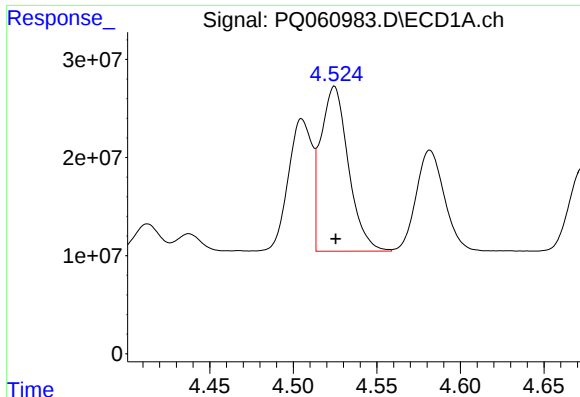
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 103307933
Conc: 971.74 ng/ml



#12 AR-1232-2

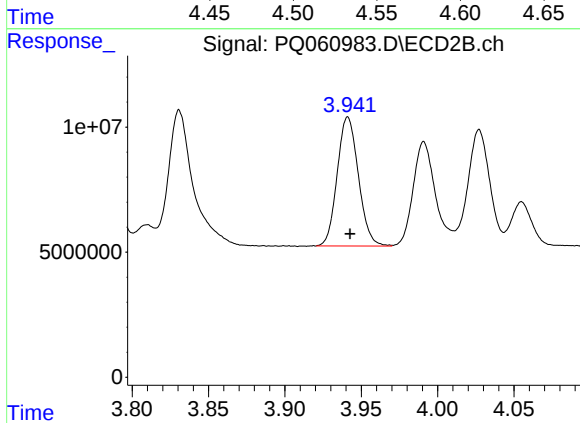
R.T.: 3.781 min
Delta R.T.: -0.001 min
Response: 94966876
Conc: 1007.99 ng/ml



#13 AR-1232-3

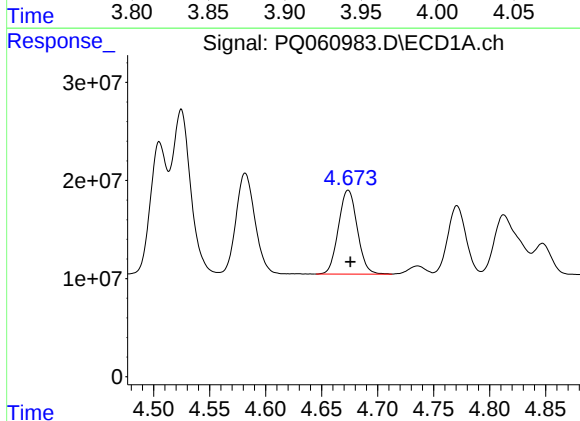
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 193489322
Conc: 959.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



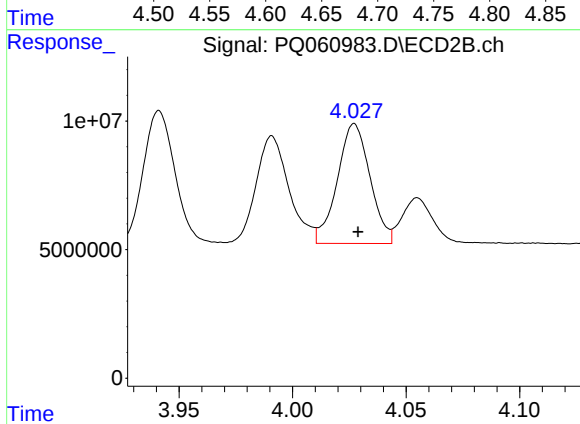
#13 AR-1232-3

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 49796061
Conc: 1035.19 ng/ml



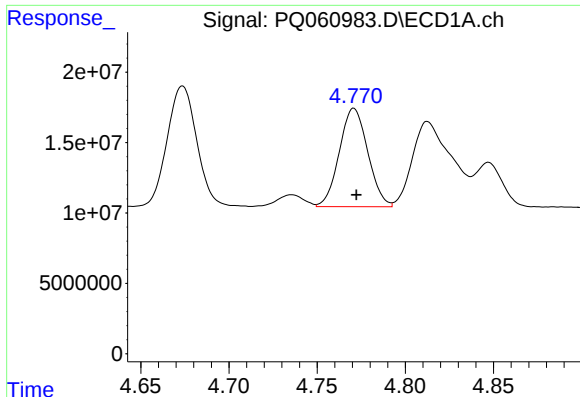
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: -0.002 min
Response: 99950231
Conc: 974.15 ng/ml



#14 AR-1232-4

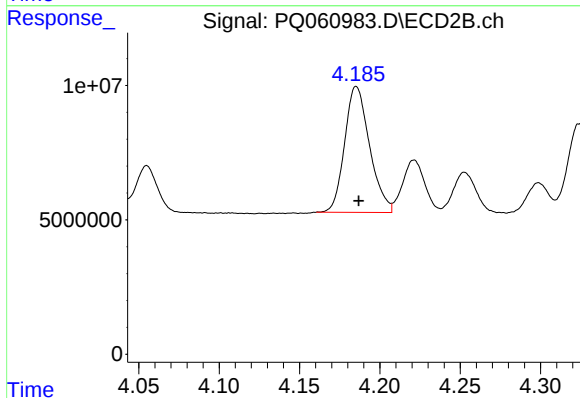
R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 46784686
Conc: 1122.13 ng/ml



#15 AR-1232-5

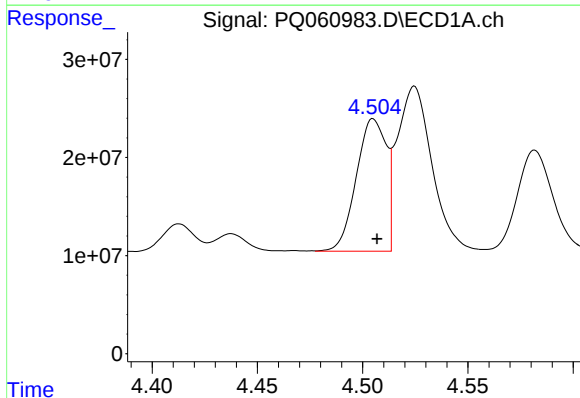
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 78644018
Conc: 1084.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



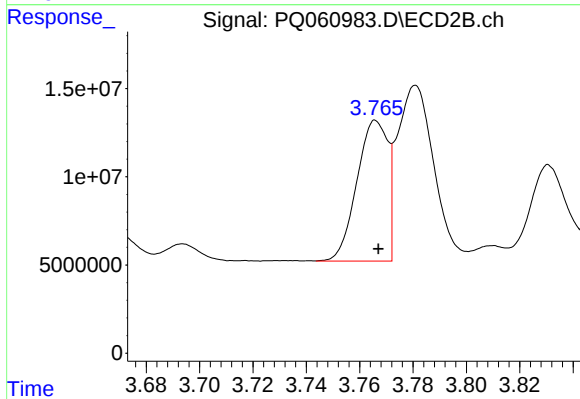
#15 AR-1232-5

R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 50665765
Conc: 1053.02 ng/ml



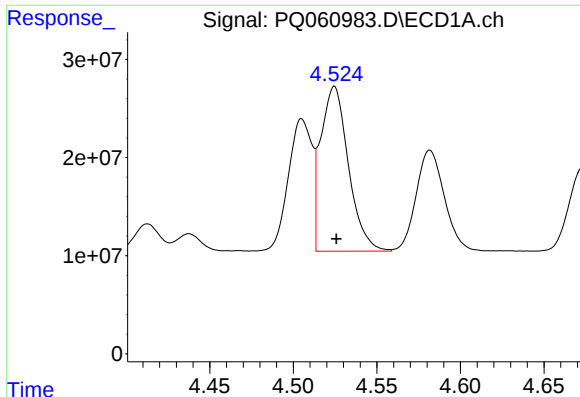
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: -0.002 min
Response: 133459977
Conc: 546.42 ng/ml



#16 AR-1242-1

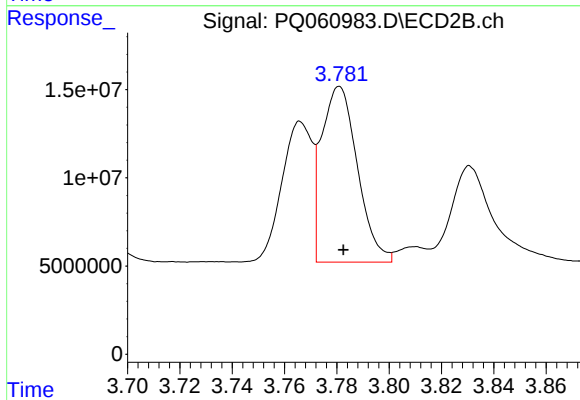
R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 63812940
Conc: 540.98 ng/ml



#17 AR-1242-2

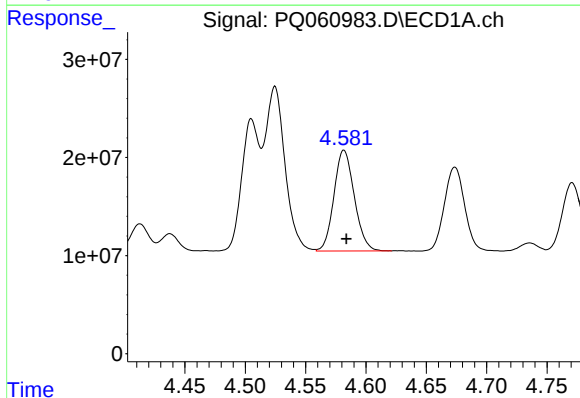
R.T.: 4.525 min
Delta R.T.: -0.001 min
Response: 193489322
Conc: 541.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



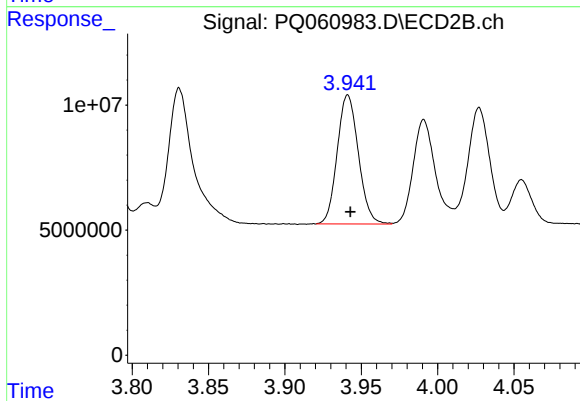
#17 AR-1242-2

R.T.: 3.781 min
Delta R.T.: -0.001 min
Response: 94966876
Conc: 559.17 ng/ml



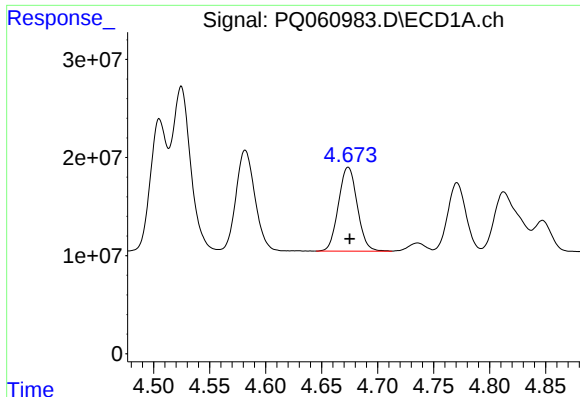
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 120493656
Conc: 540.39 ng/ml



#18 AR-1242-3

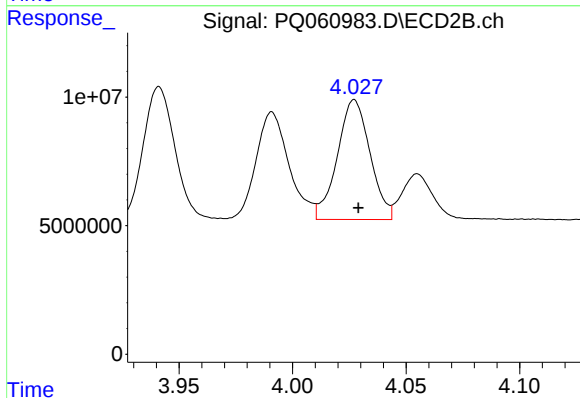
R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 49796061
Conc: 550.33 ng/ml



#19 AR-1242-4

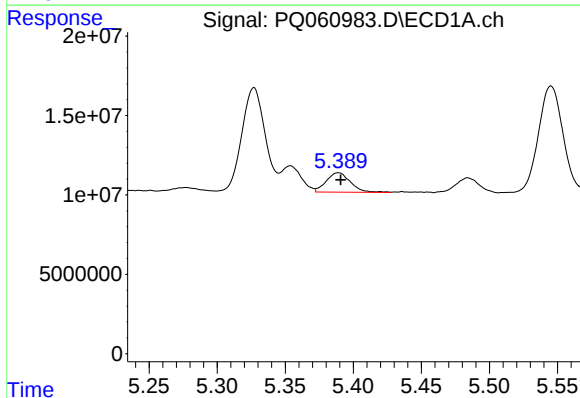
R.T.: 4.674 min
Delta R.T.: -0.001 min
Response: 99950231
Conc: 538.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



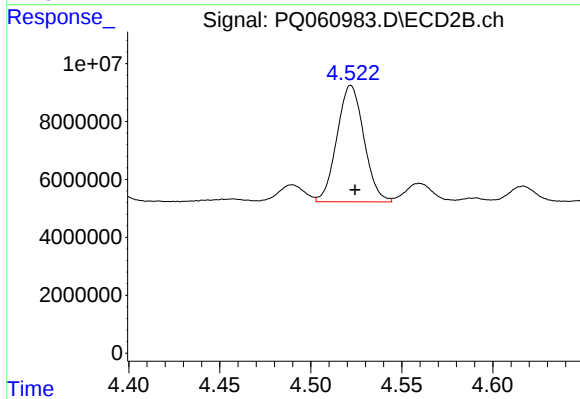
#19 AR-1242-4

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 46784686
Conc: 555.14 ng/ml



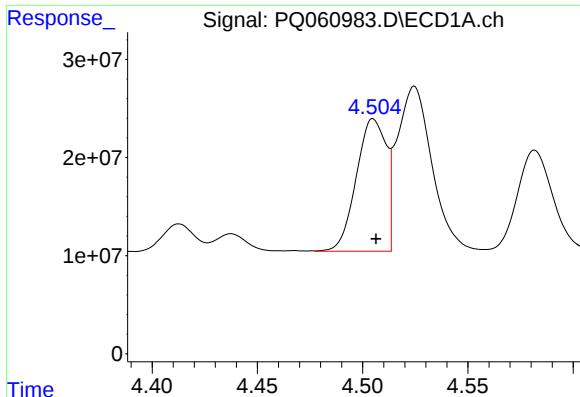
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: -0.002 min
Response: 15137702
Conc: 75.40 ng/ml



#20 AR-1242-5

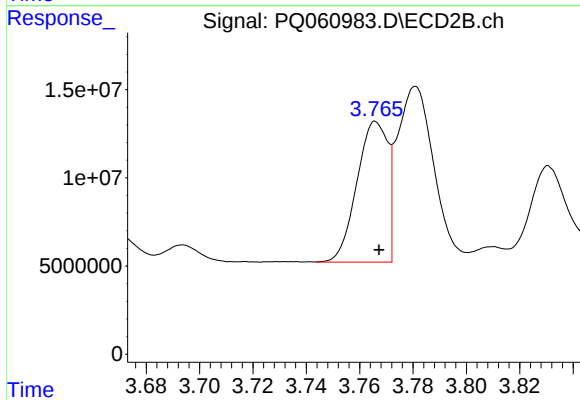
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 41506195
Conc: 368.85 ng/ml



#21 AR-1248-1

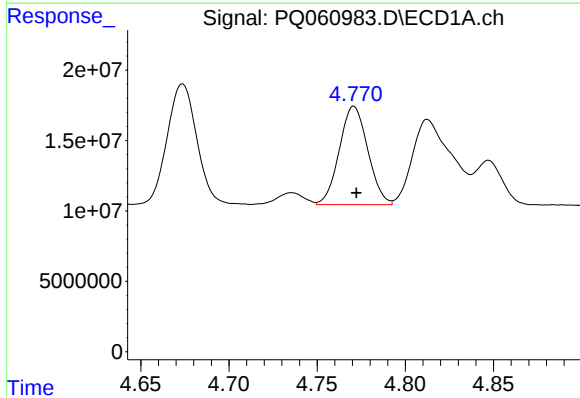
R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 133459977
Conc: 689.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



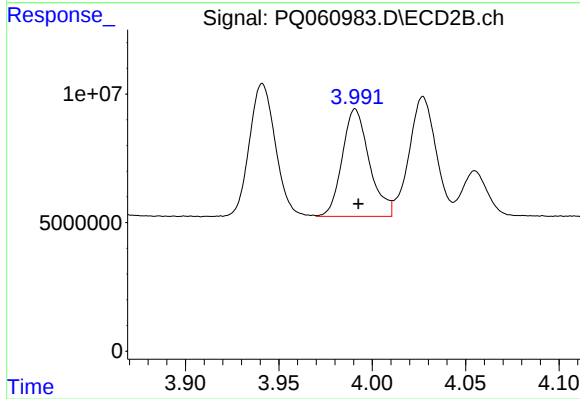
#21 AR-1248-1

R.T.: 3.766 min
Delta R.T.: -0.001 min
Response: 63812940
Conc: 678.88 ng/ml



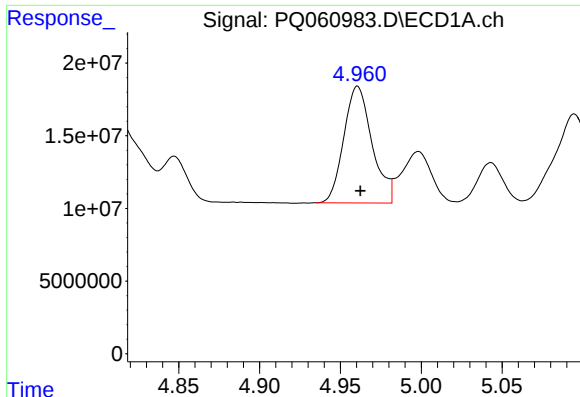
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 78644018
Conc: 308.70 ng/ml



#22 AR-1248-2

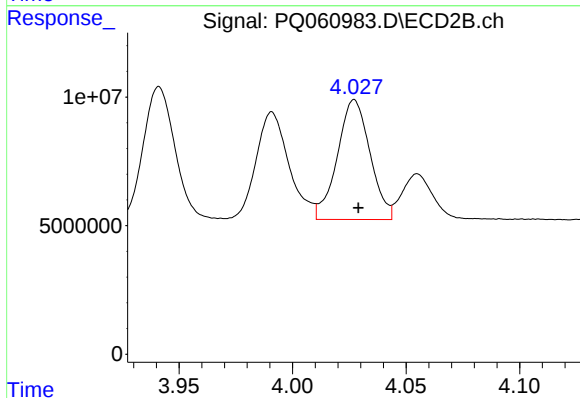
R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 42171678
Conc: 312.87 ng/ml



#23 AR-1248-3

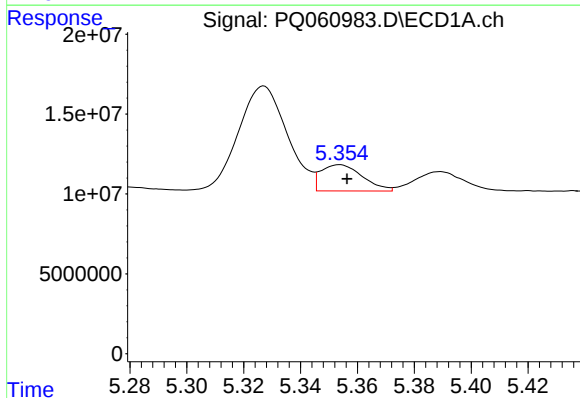
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 97893277
Conc: 319.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



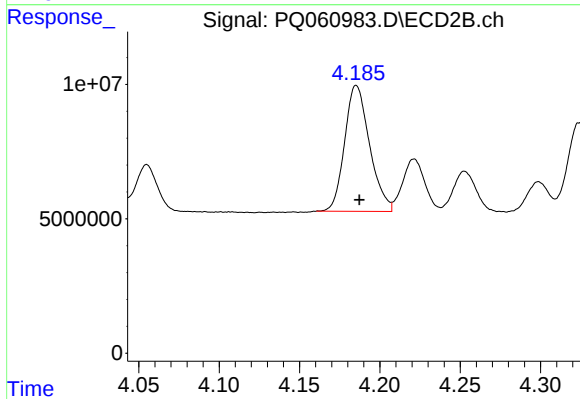
#23 AR-1248-3

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 46784686
Conc: 362.13 ng/ml



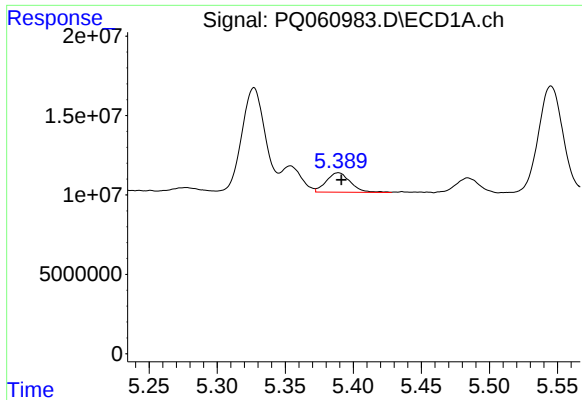
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 16687459
Conc: 47.48 ng/ml



#24 AR-1248-4

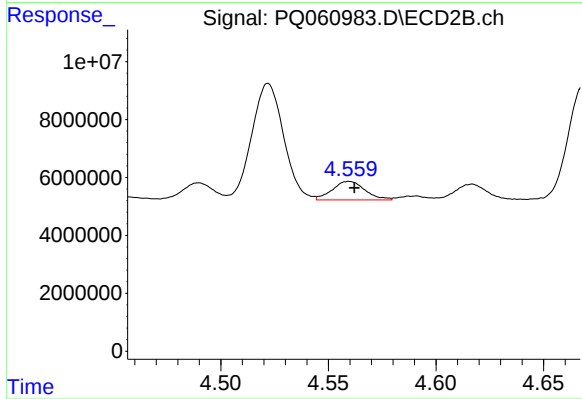
R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 50665765
Conc: 319.87 ng/ml



#25 AR-1248-5

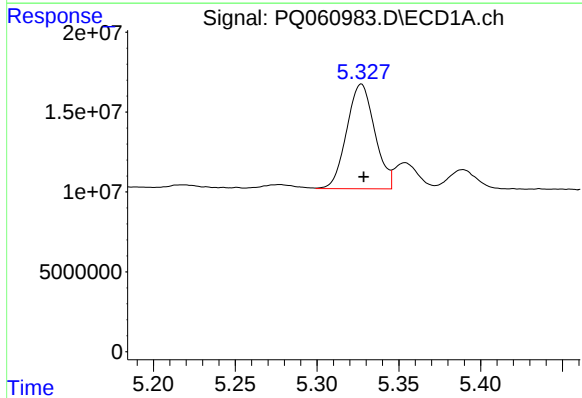
R.T.: 5.389 min
Delta R.T.: -0.002 min
Response: 15137702
Conc: 43.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



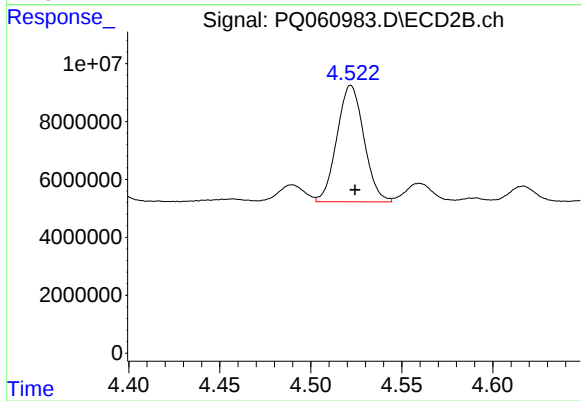
#25 AR-1248-5

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 6794578
Conc: 41.77 ng/ml



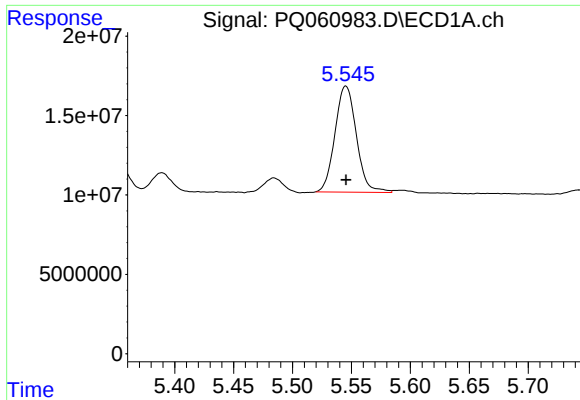
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 78152861
Conc: 231.02 ng/ml



#26 AR-1254-1

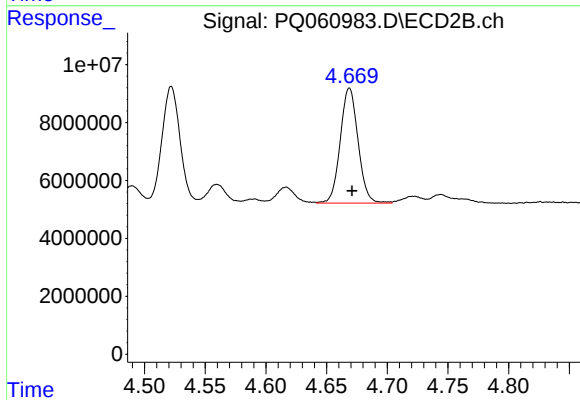
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 41506195
Conc: 175.43 ng/ml



#27 AR-1254-2

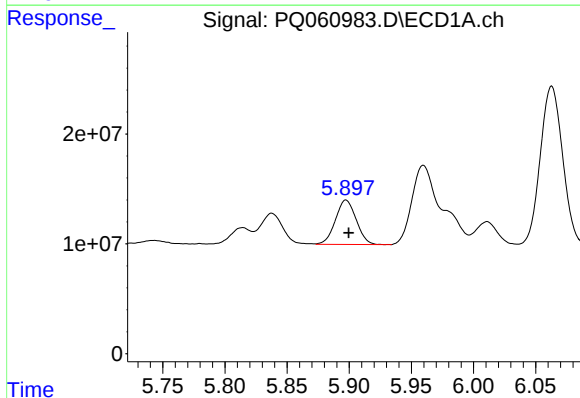
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 84646402
Conc: 166.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



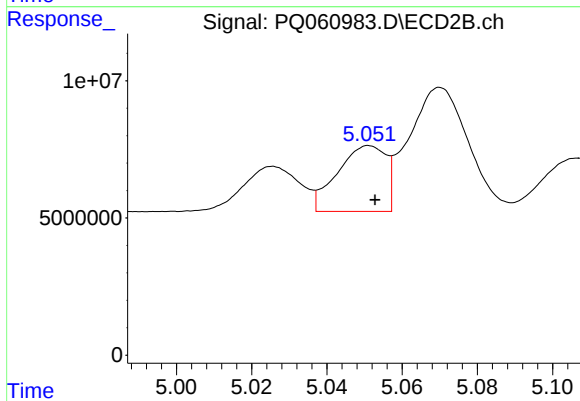
#27 AR-1254-2

R.T.: 4.669 min
Delta R.T.: -0.002 min
Response: 40643132
Conc: 196.45 ng/ml



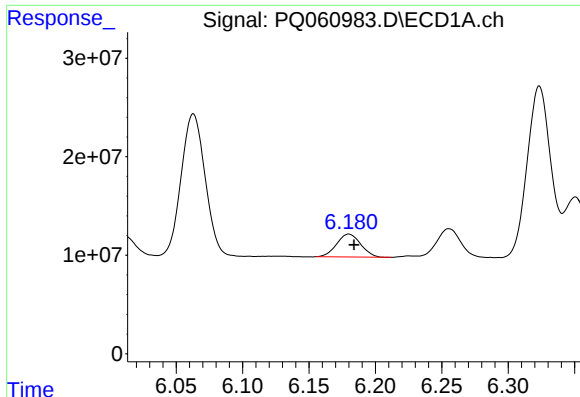
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 47135552
Conc: 85.67 ng/ml



#28 AR-1254-3

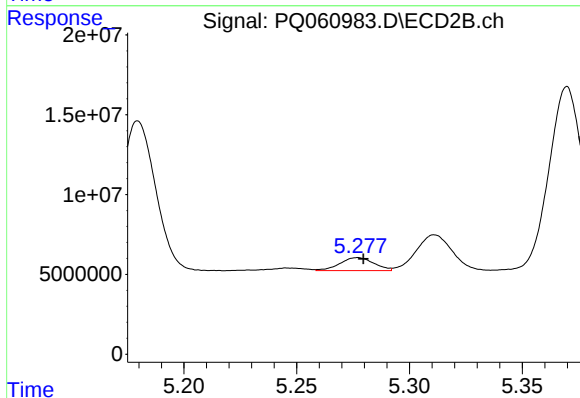
R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 21424070
Conc: 67.75 ng/ml



#29 AR-1254-4

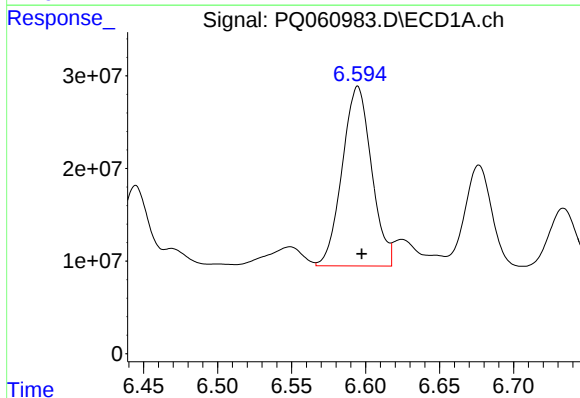
R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 29378892
Conc: 71.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



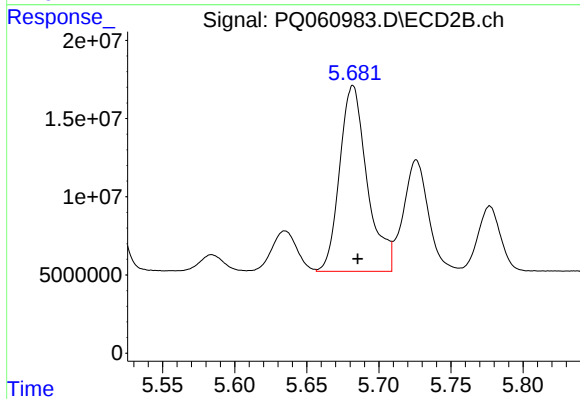
#29 AR-1254-4

R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 8576341
Conc: 40.47 ng/ml



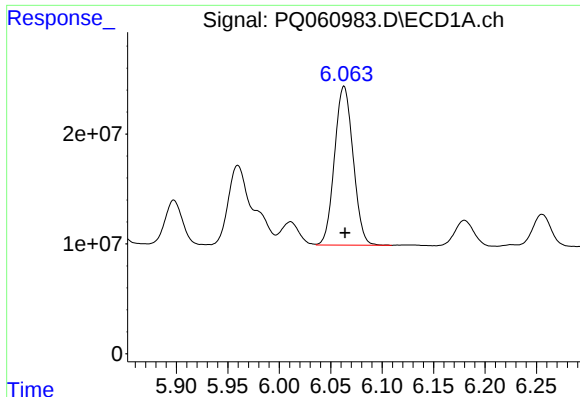
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.003 min
Response: 267432341
Conc: 592.25 ng/ml



#30 AR-1254-5

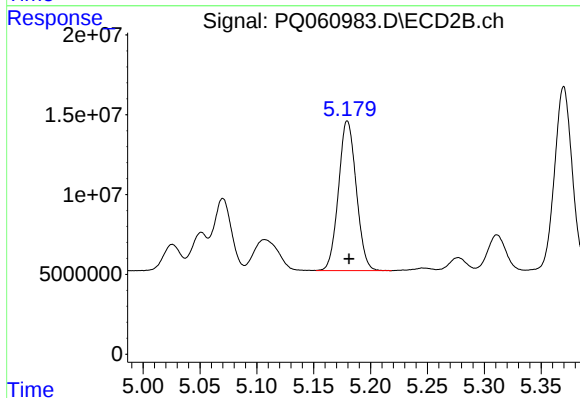
R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 157177411
Conc: 516.07 ng/ml



#31 AR-1260-1

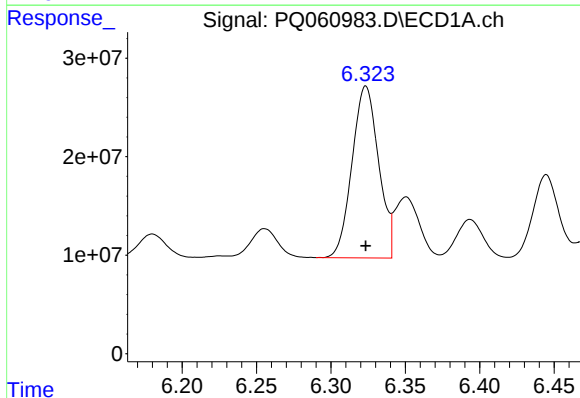
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 182119580
Conc: 438.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



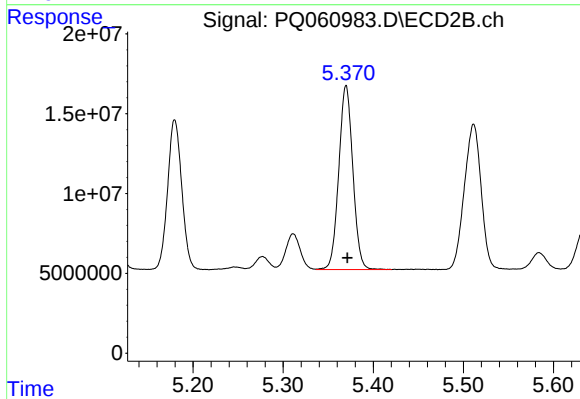
#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 102029319
Conc: 447.46 ng/ml



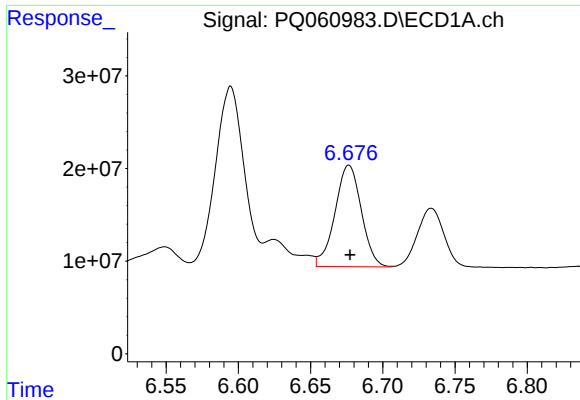
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 216532691
Conc: 433.01 ng/ml



#32 AR-1260-2

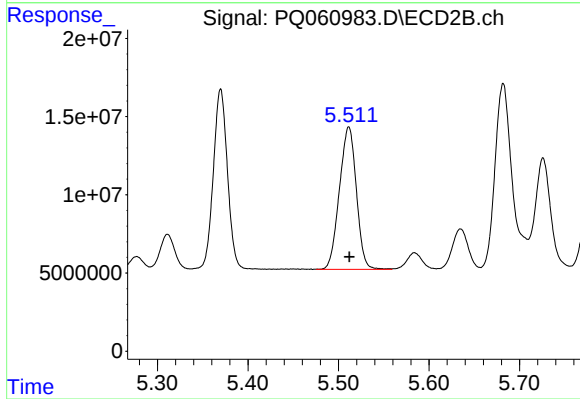
R.T.: 5.370 min
Delta R.T.: -0.001 min
Response: 125030886
Conc: 445.75 ng/ml



#33 AR-1260-3

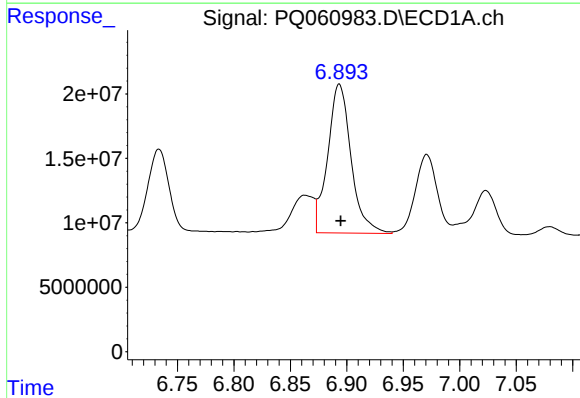
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 139186780
Conc: 375.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



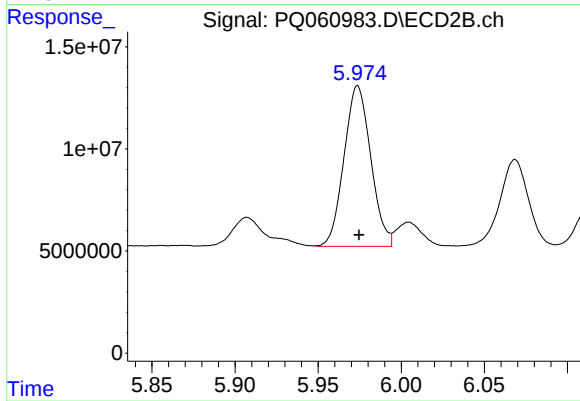
#33 AR-1260-3

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 118418848
Conc: 446.08 ng/ml



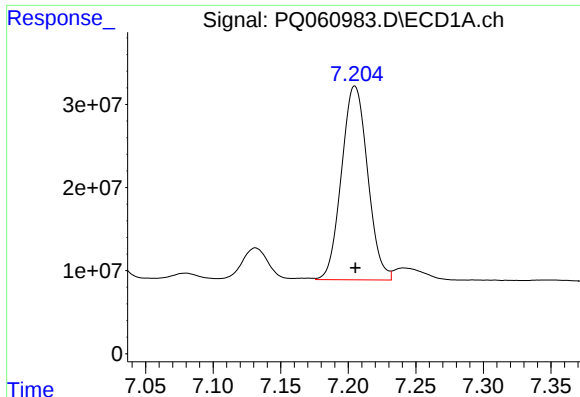
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: -0.001 min
Response: 166487356
Conc: 399.31 ng/ml



#34 AR-1260-4

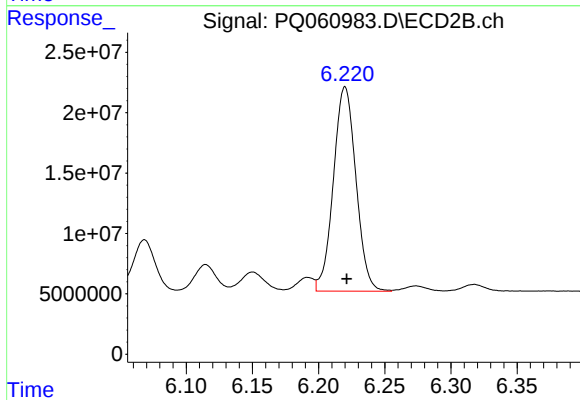
R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 88120339
Conc: 393.82 ng/ml



#35 AR-1260-5

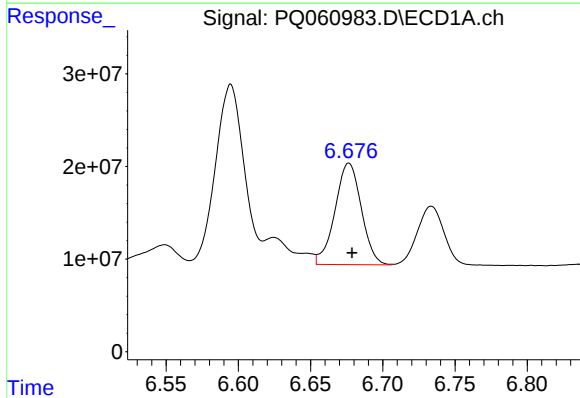
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 313920285
Conc: 390.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



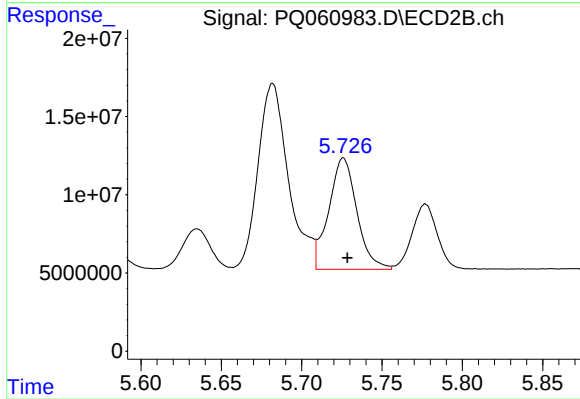
#35 AR-1260-5

R.T.: 6.220 min
Delta R.T.: -0.001 min
Response: 200717114
Conc: 397.56 ng/ml



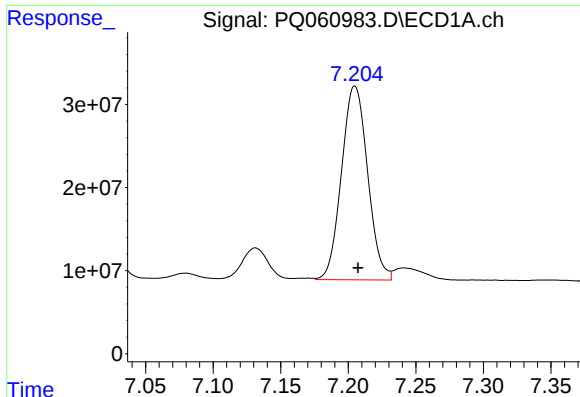
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 139186780
Conc: 262.43 ng/ml



#36 AR-1262-1

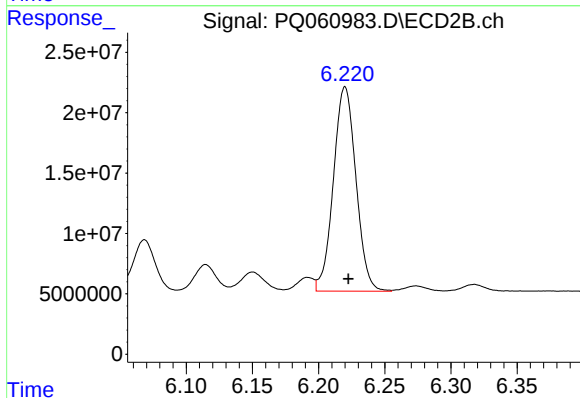
R.T.: 5.726 min
Delta R.T.: -0.002 min
Response: 86774280
Conc: 274.64 ng/ml



#37 AR-1262-2

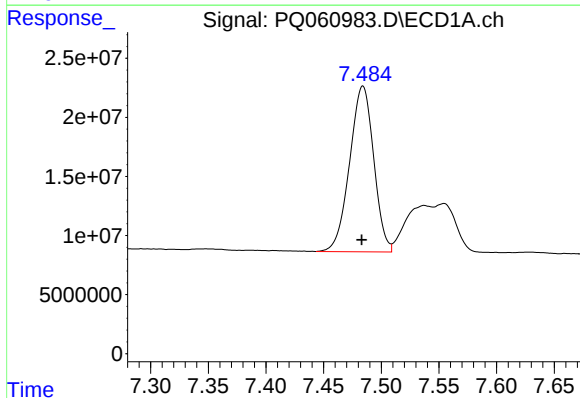
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 313920285
Conc: 349.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



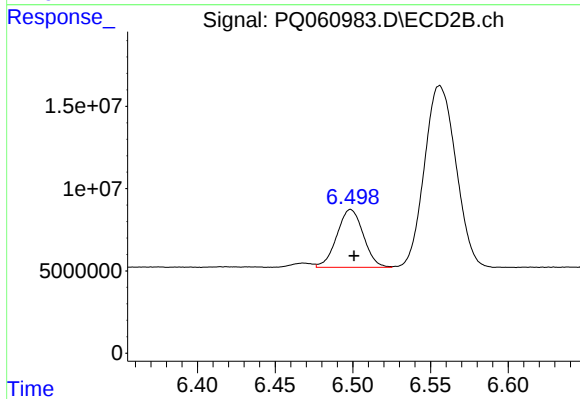
#37 AR-1262-2

R.T.: 6.220 min
Delta R.T.: -0.002 min
Response: 200717114
Conc: 347.40 ng/ml



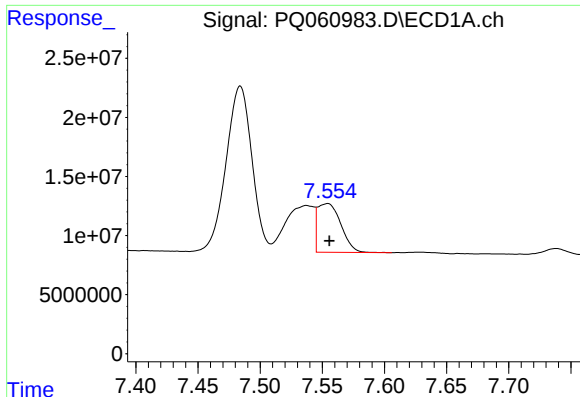
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 203402687
Conc: 336.73 ng/ml



#38 AR-1262-3

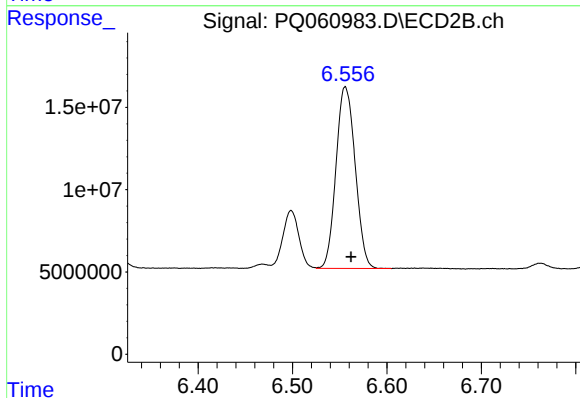
R.T.: 6.499 min
Delta R.T.: -0.002 min
Response: 41740928
Conc: 173.70 ng/ml



#39 AR-1262-4

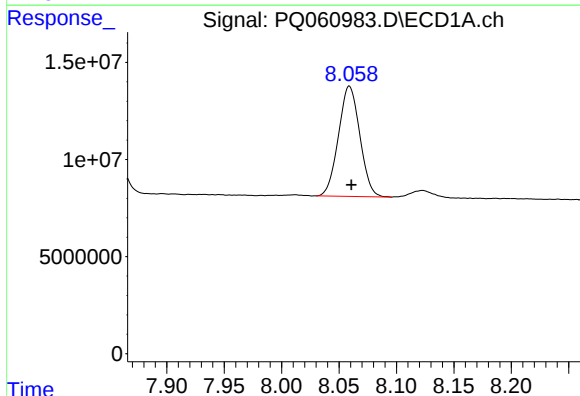
R.T.: 7.554 min
Delta R.T.: -0.001 min
Response: 53976415
Conc: 114.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



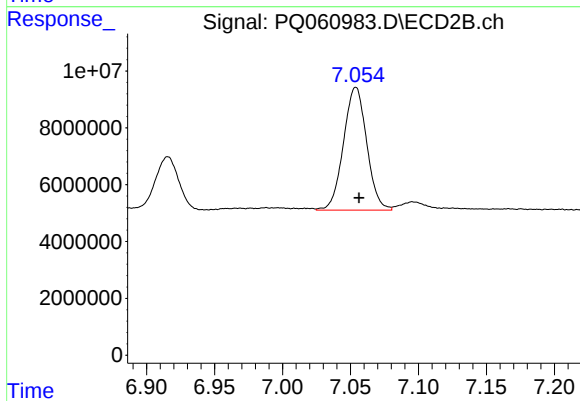
#39 AR-1262-4

R.T.: 6.556 min
Delta R.T.: -0.006 min
Response: 156031346
Conc: 356.58 ng/ml



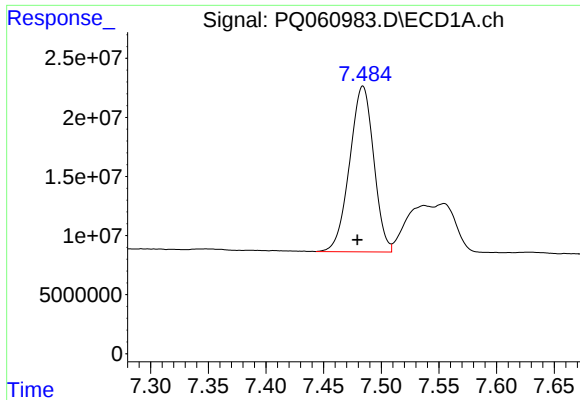
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 73717914
Conc: 240.13 ng/ml



#40 AR-1262-5

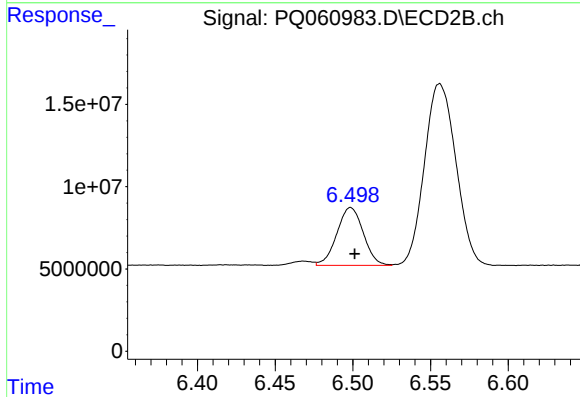
R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 51483493
Conc: 241.91 ng/ml



#41 AR-1268-1

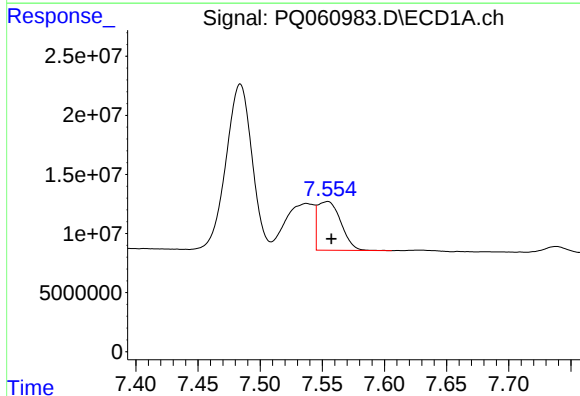
R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 203402687
Conc: 252.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



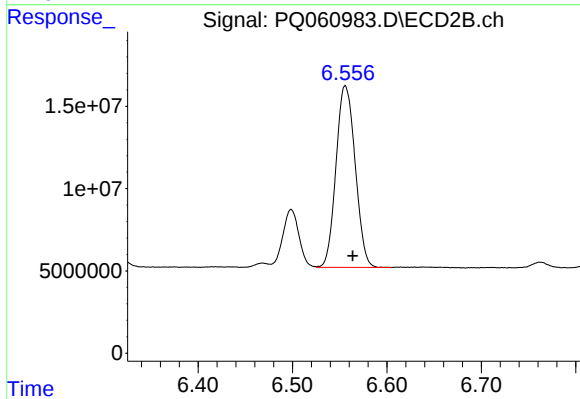
#41 AR-1268-1

R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 41740928
Conc: 77.22 ng/ml



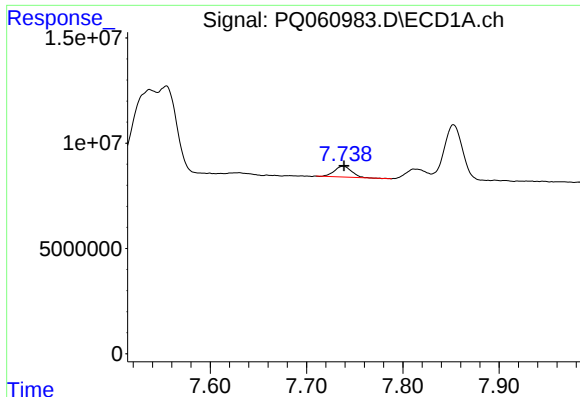
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.003 min
Response: 53976415
Conc: 73.60 ng/ml



#42 AR-1268-2

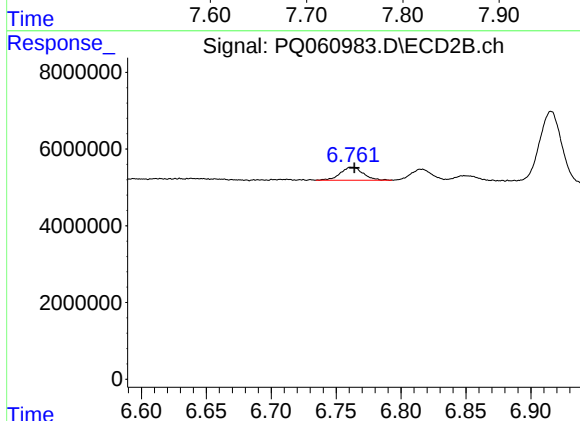
R.T.: 6.556 min
Delta R.T.: -0.008 min
Response: 156031346
Conc: 318.13 ng/ml



#43 AR-1268-3

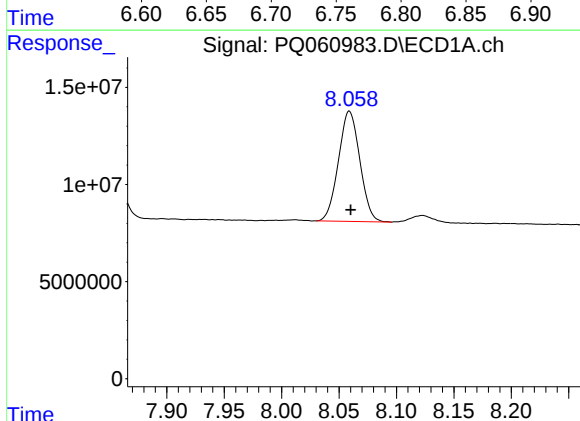
R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 6360996
Conc: 10.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



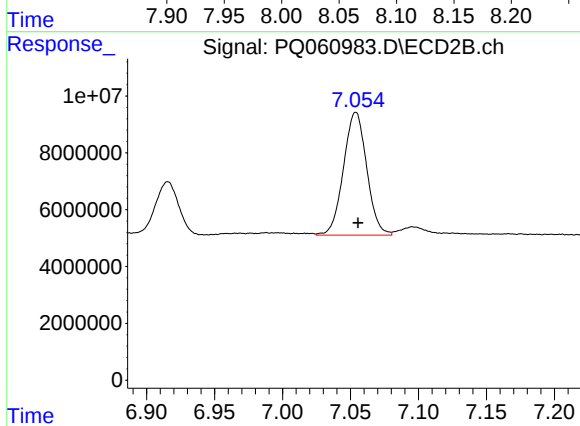
#43 AR-1268-3

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 4144373
Conc: 9.79 ng/ml



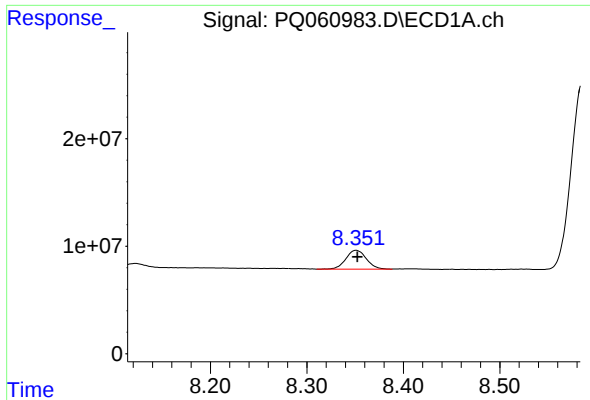
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.001 min
Response: 73717914
Conc: 274.10 ng/ml



#44 AR-1268-4

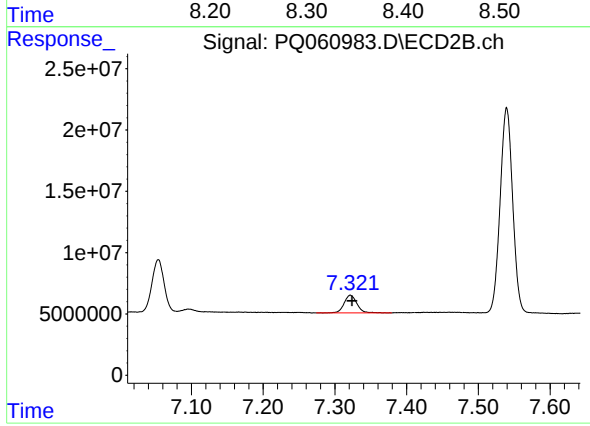
R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 51483493
Conc: 269.51 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.001 min
Response: 25653782
Conc: 14.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.322 min
Delta R.T.: -0.002 min
Response: 17794370
Conc: 13.16 ng/ml