

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040821\
 Data File : PQ053034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2021 20:58
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 04:56:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 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...	5.225	4.241	515.4E6	202.1E6	22.366	21.130
2)	SA Decachlor...	11.411	9.580	812.0E6	368.5E6	32.838	37.239
Target Compounds							
3)	L1 AR-1016-1	6.547	5.498	309.4E6	139.6E6	360.609	360.223
4)	L1 AR-1016-2	6.571	5.518	470.3E6	200.7E6	368.524	361.762
5)	L1 AR-1016-3	6.638	5.711	282.6E6	103.5E6	372.804	364.151
6)	L1 AR-1016-4	6.746	5.761	233.8E6	75651027	367.430	337.072
7)	L1 AR-1016-5	7.059	5.992	225.3E6	78125496	369.740	272.355 #
8)	L2 AR-1221-1	5.468	4.496	33583254	12390392	137.951	115.909
9)	L2 AR-1221-2	5.573	4.597	38796764	16438909	228.550	219.952
10)	L2 AR-1221-3	5.661	4.685	169.5E6	68796026	293.697	271.041
11)	L3 AR-1232-1	5.661	4.685	169.5E6	68796026	361.358	328.530
12)	L3 AR-1232-2	6.253	5.518	226.3E6	200.7E6	894.821	860.349
13)	L3 AR-1232-3	6.571	5.711	470.3E6	103.5E6	874.078	884.804
14)	L3 AR-1232-4	6.746	5.807	233.8E6	97930284	872.592	985.601
15)	L3 AR-1232-5	6.840	5.992	187.5E6	78125496	954.645	707.479 #
16)	L4 AR-1242-1	6.547	5.498	309.4E6	139.6E6	388.179	395.280
17)	L4 AR-1242-2	6.571	5.518	470.3E6	200.7E6	399.678	400.581
18)	L4 AR-1242-3	6.638	5.711	282.6E6	103.5E6	399.943	398.386
19)	L4 AR-1242-4	6.746	5.807	233.8E6	97930284	397.955	398.864
20)	L4 AR-1242-5	7.528	6.370	302.3E6	134.7E6	451.212	387.761
21)	L5 AR-1248-1	6.547	5.498	309.4E6	139.6E6	563.805	570.956
22)	L5 AR-1248-2	6.840	5.761	187.5E6	75651027	240.666	227.984
23)	L5 AR-1248-3	7.059	5.807	225.3E6	97930284	252.720	285.057
24)	L5 AR-1248-4	7.488	5.992	255.8E6	78125496	239.106	188.548
25)	L5 AR-1248-5	7.528	6.414	302.3E6	115.1E6	284.435	257.924
26)	L6 AR-1254-1	7.458	6.370	232.6E6	134.7E6	171.165	150.221
27)	L6 AR-1254-2	7.694	6.529	247.7E6	30492340	116.041	38.493 #
28)	L6 AR-1254-3	8.069	6.950	187.7E6	61490473	80.067	47.412 #
29)	L6 AR-1254-4	8.364	7.189	109.2E6	49708881	63.197	55.861
30)	L6 AR-1254-5	8.792	7.618	46761096	15456981	25.488	12.921 #
31)	L7 AR-1260-1	8.234	7.098	37503173	47888343	34.806	82.838 #
32)	L7 AR-1260-2	8.499	7.282	82600627	13825116	62.860	17.333 #
33)	L7 AR-1260-3	8.859	7.430	27789164	16376225	27.680	24.846
34)	L7 AR-1260-4	9.103	7.923	37643224	2743579	32.940	4.865 #
35)	L7 AR-1260-5	9.452	8.167	11670034	14173578	4.906	9.262 #
36)	L8 AR-1262-1	8.859	7.618	27789164	15456981	15.309	30.689 #
37)	L8 AR-1262-2	9.452	8.167	11670034	14173578	3.485	6.813 #
38)	L8 AR-1262-3	9.810	8.456	8238308	9559794	3.713	11.827 #
39)	L8 AR-1262-4	9.865	8.517	4743303	8969678	2.715	6.435 #
40)	L8 AR-1262-5	10.601	9.021	4545108	4430861	3.744	7.223 #
41)	L9 AR-1268-1	9.810	8.456	8238308	9559794	2.099	4.031 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040821\
 Data File : PQ053034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2021 20:58
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

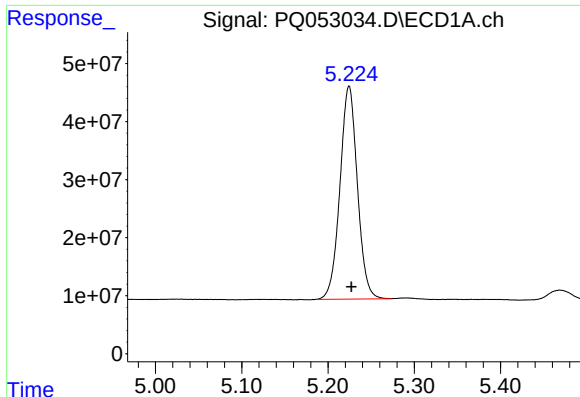
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 04:56:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
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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	9.865	8.517	4743303	8969678	1.280	4.412 #
43) L9	AR-1268-3	0.000	8.727	0	5531763	N.D.	3.110 #
44) L9	AR-1268-4	10.601	9.021	4545108	4430861	3.524	6.687 #
45) L9	AR-1268-5	11.048	9.322	5902989	2667860	0.551	0.553

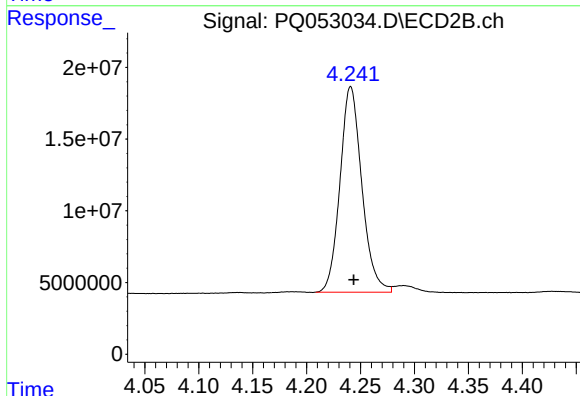
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

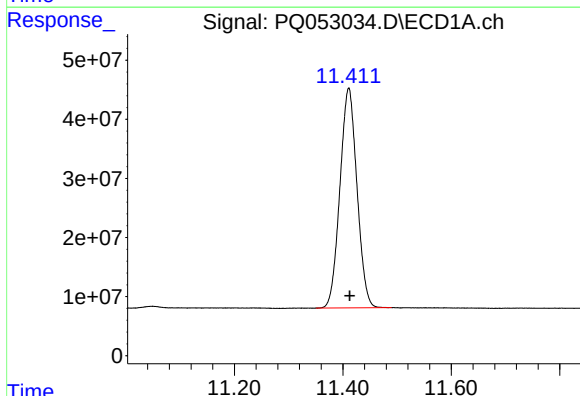
R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 515437750
Conc: 22.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



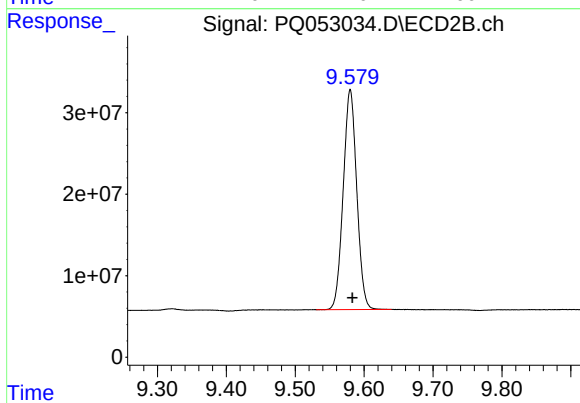
#1 Tetrachloro-m-xylene

R.T.: 4.241 min
Delta R.T.: -0.003 min
Response: 202095583
Conc: 21.13 ng/ml



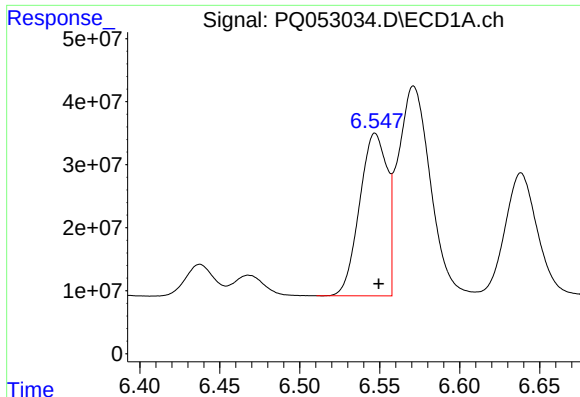
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: -0.002 min
Response: 812029851
Conc: 32.84 ng/ml



#2 Decachlorobiphenyl

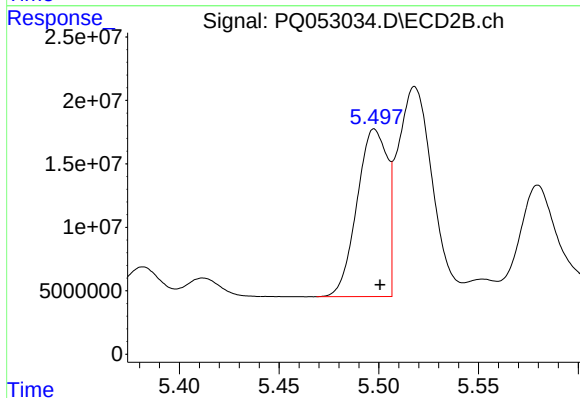
R.T.: 9.580 min
Delta R.T.: -0.003 min
Response: 368522007
Conc: 37.24 ng/ml



#3 AR-1016-1

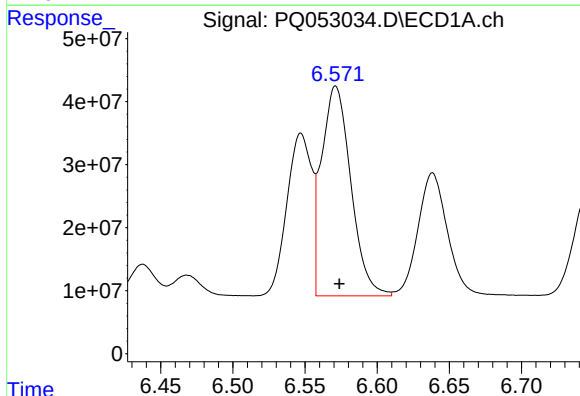
R.T.: 6.547 min
Delta R.T.: -0.002 min
Response: 309412583
Conc: 360.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



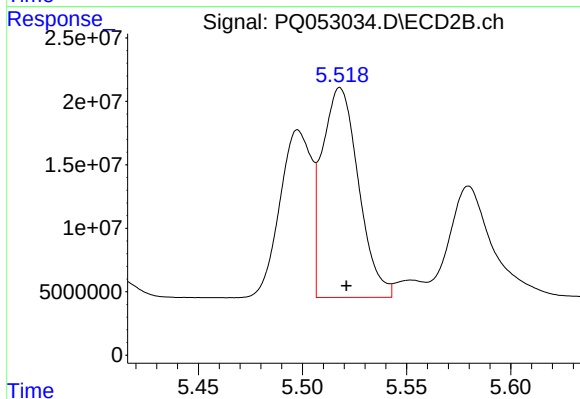
#3 AR-1016-1

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 139610469
Conc: 360.22 ng/ml



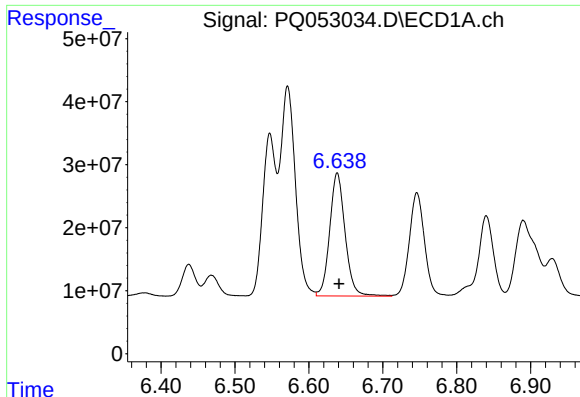
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 470333847
Conc: 368.52 ng/ml



#4 AR-1016-2

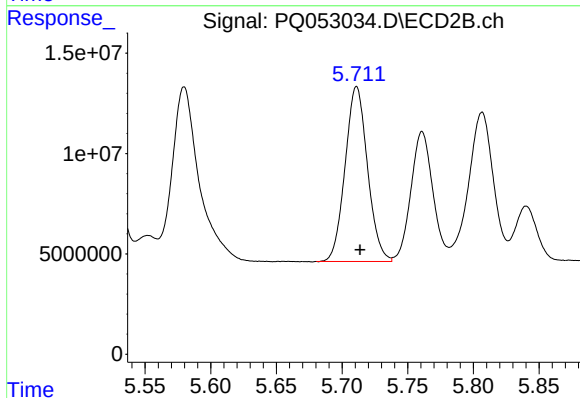
R.T.: 5.518 min
Delta R.T.: -0.003 min
Response: 200712234
Conc: 361.76 ng/ml



#5 AR-1016-3

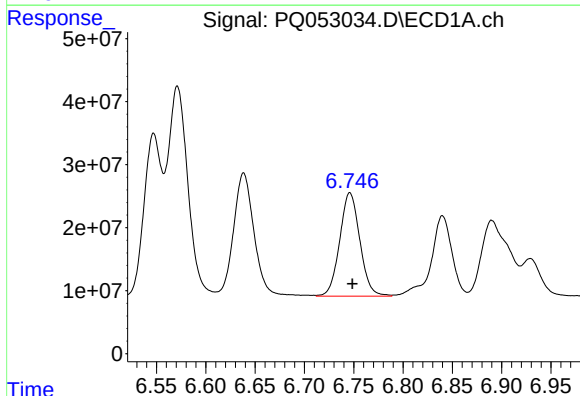
R.T.: 6.638 min
Delta R.T.: -0.003 min
Response: 282561273
Conc: 372.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



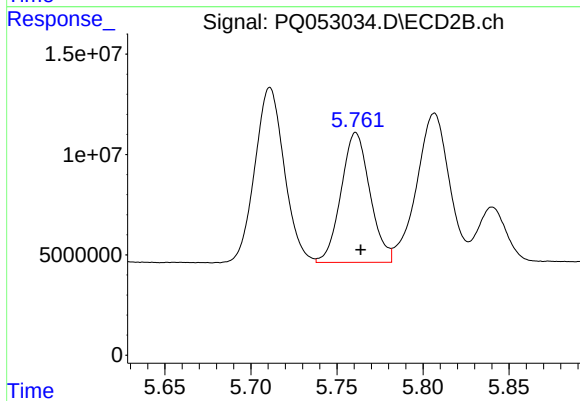
#5 AR-1016-3

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 103544772
Conc: 364.15 ng/ml



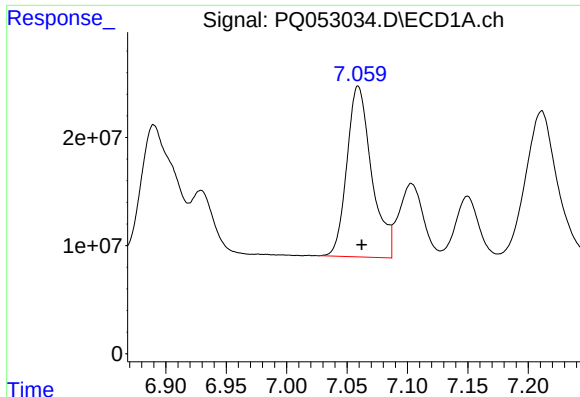
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 233819341
Conc: 367.43 ng/ml



#6 AR-1016-4

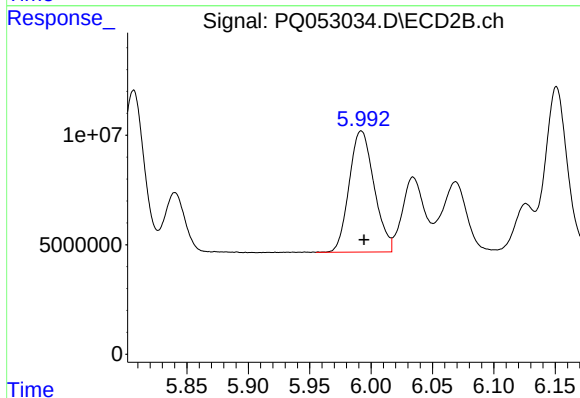
R.T.: 5.761 min
Delta R.T.: -0.003 min
Response: 75651027
Conc: 337.07 ng/ml



#7 AR-1016-5

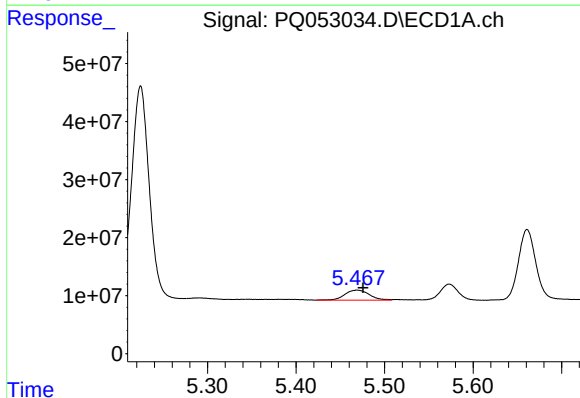
R.T.: 7.059 min
Delta R.T.: -0.003 min
Response: 225336656
Conc: 369.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



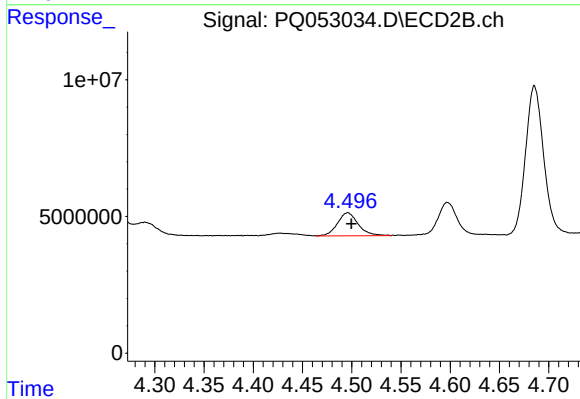
#7 AR-1016-5

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 78125496
Conc: 272.36 ng/ml



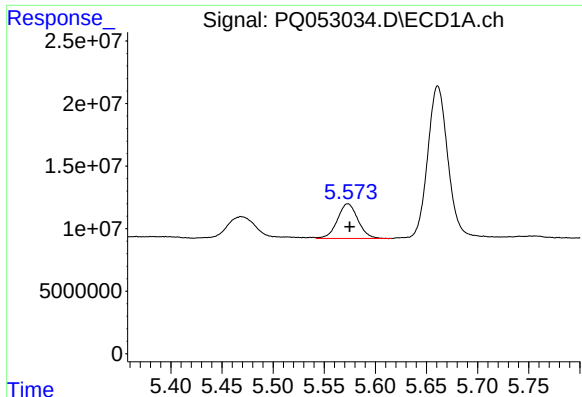
#8 AR-1221-1

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 33583254
Conc: 137.95 ng/ml



#8 AR-1221-1

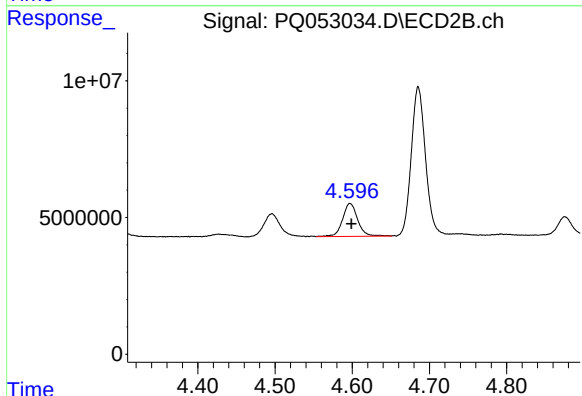
R.T.: 4.496 min
Delta R.T.: -0.003 min
Response: 12390392
Conc: 115.91 ng/ml



#9 AR-1221-2

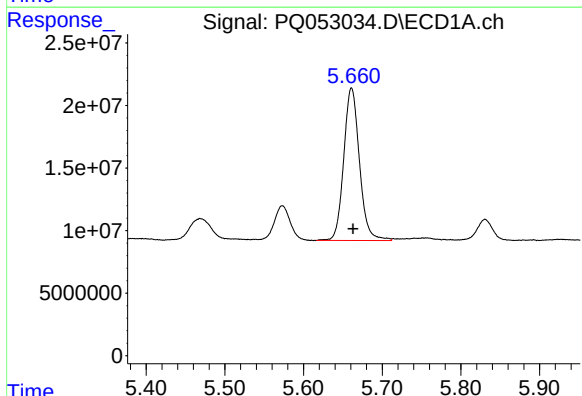
R.T.: 5.573 min
Delta R.T.: -0.002 min
Response: 38796764
Conc: 228.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



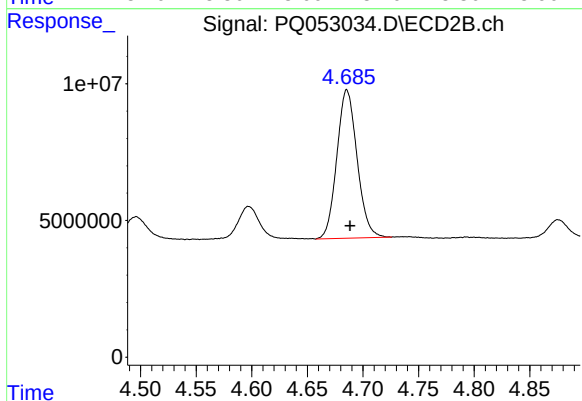
#9 AR-1221-2

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 16438909
Conc: 219.95 ng/ml



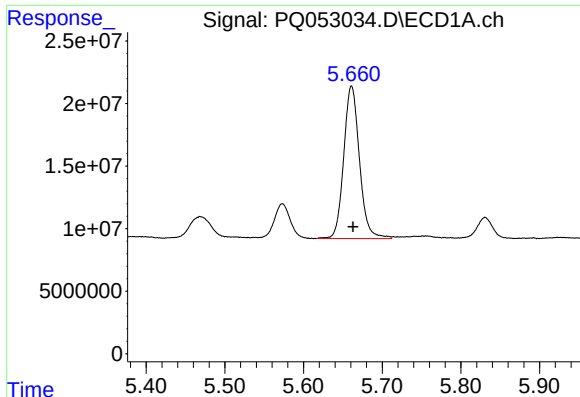
#10 AR-1221-3

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 169457813
Conc: 293.70 ng/ml



#10 AR-1221-3

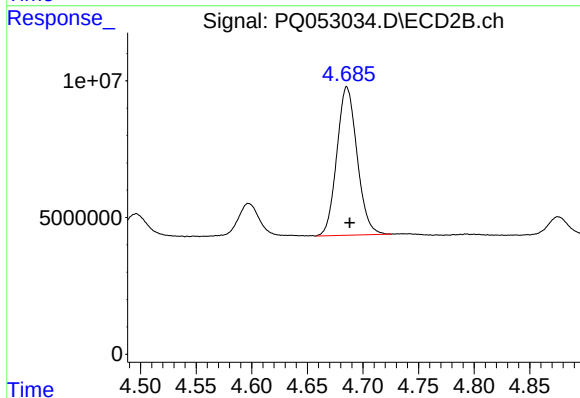
R.T.: 4.685 min
Delta R.T.: -0.003 min
Response: 68796026
Conc: 271.04 ng/ml



#11 AR-1232-1

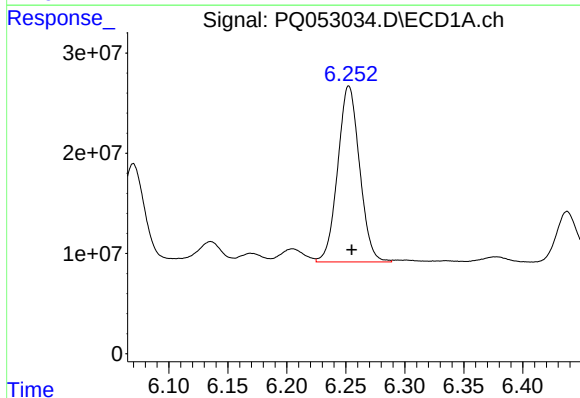
R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 169457813
Conc: 361.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



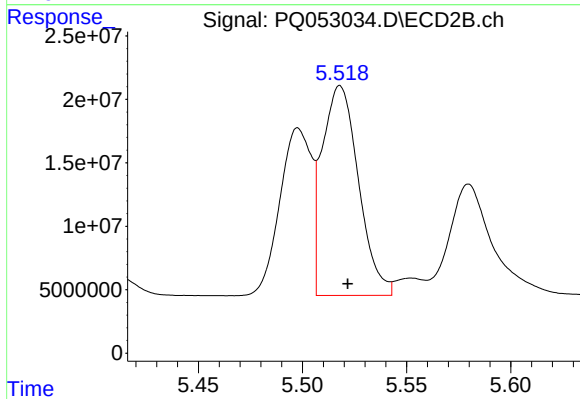
#11 AR-1232-1

R.T.: 4.685 min
Delta R.T.: -0.003 min
Response: 68796026
Conc: 328.53 ng/ml



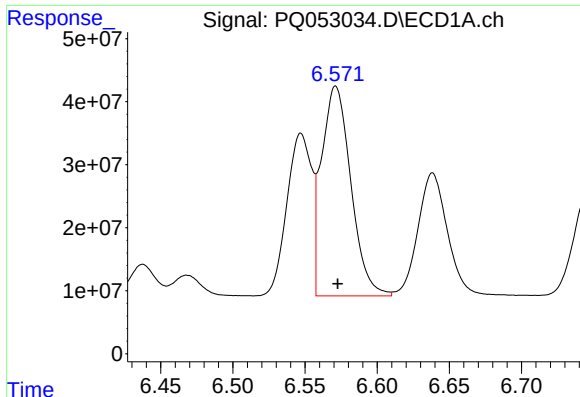
#12 AR-1232-2

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 226296411
Conc: 894.82 ng/ml



#12 AR-1232-2

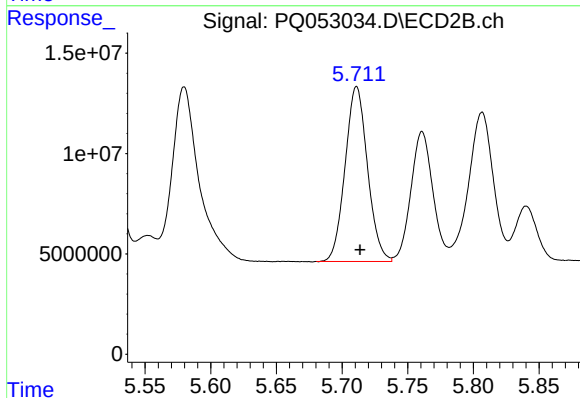
R.T.: 5.518 min
Delta R.T.: -0.004 min
Response: 200712234
Conc: 860.35 ng/ml



#13 AR-1232-3

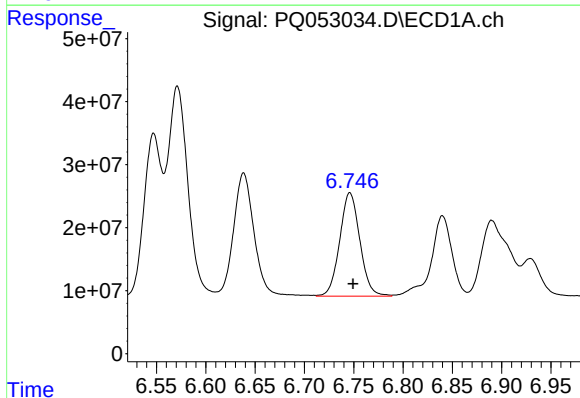
R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 470333847
Conc: 874.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



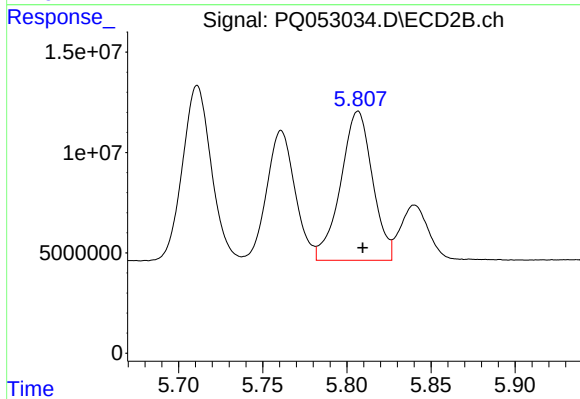
#13 AR-1232-3

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 103544772
Conc: 884.80 ng/ml



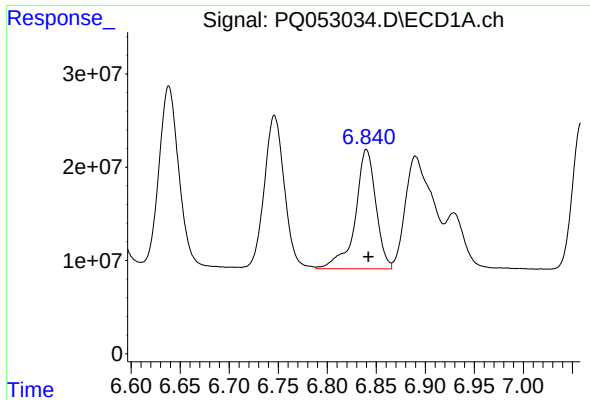
#14 AR-1232-4

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 233819341
Conc: 872.59 ng/ml



#14 AR-1232-4

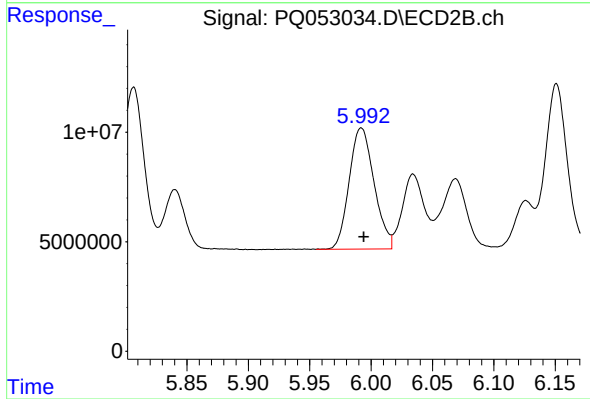
R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 97930284
Conc: 985.60 ng/ml



#15 AR-1232-5

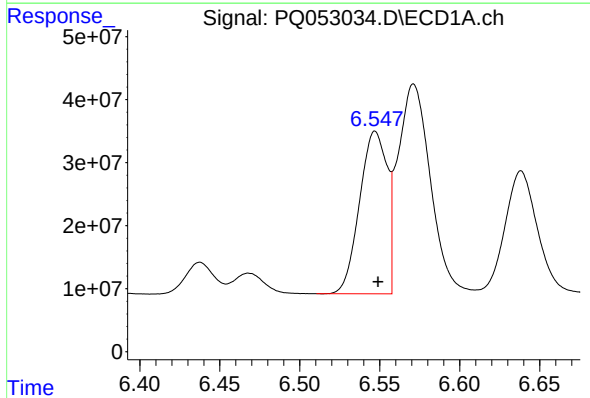
R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 187451611
Conc: 954.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



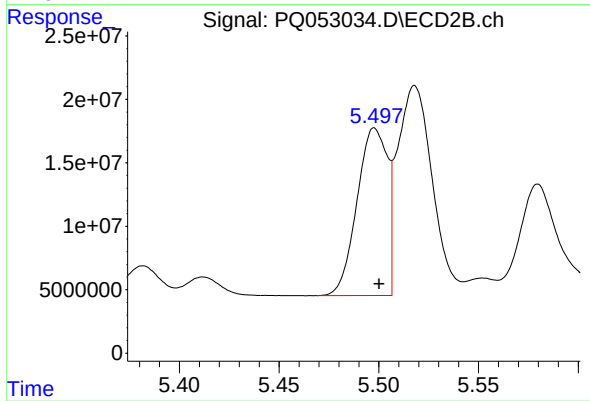
#15 AR-1232-5

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 78125496
Conc: 707.48 ng/ml



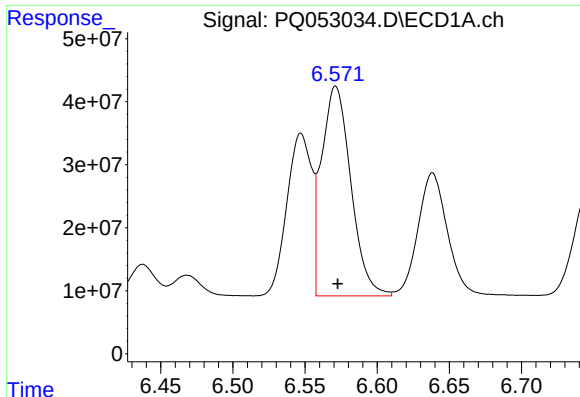
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: -0.002 min
Response: 309412583
Conc: 388.18 ng/ml



#16 AR-1242-1

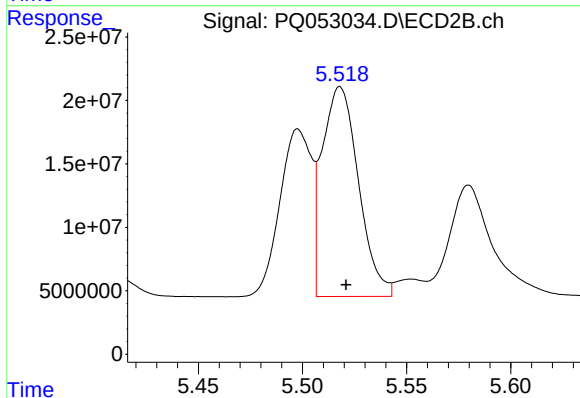
R.T.: 5.498 min
Delta R.T.: -0.002 min
Response: 139610469
Conc: 395.28 ng/ml



#17 AR-1242-2

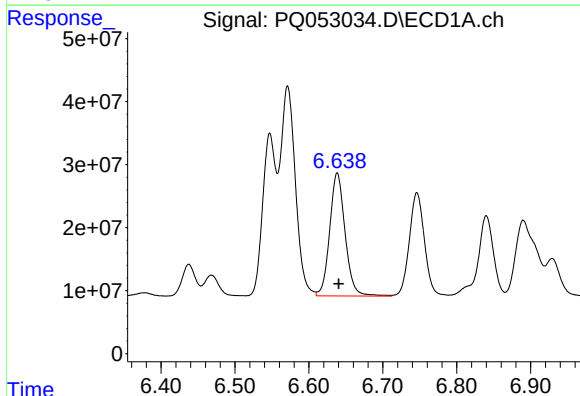
R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 470333847
Conc: 399.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



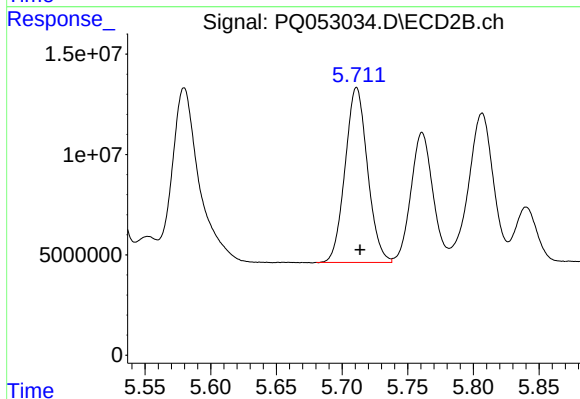
#17 AR-1242-2

R.T.: 5.518 min
Delta R.T.: -0.003 min
Response: 200712234
Conc: 400.58 ng/ml



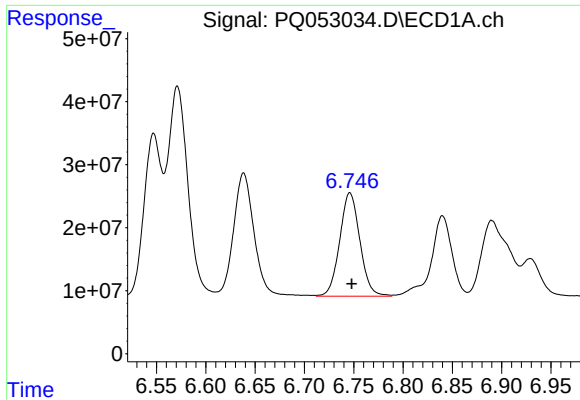
#18 AR-1242-3

R.T.: 6.638 min
Delta R.T.: -0.002 min
Response: 282561273
Conc: 399.94 ng/ml



#18 AR-1242-3

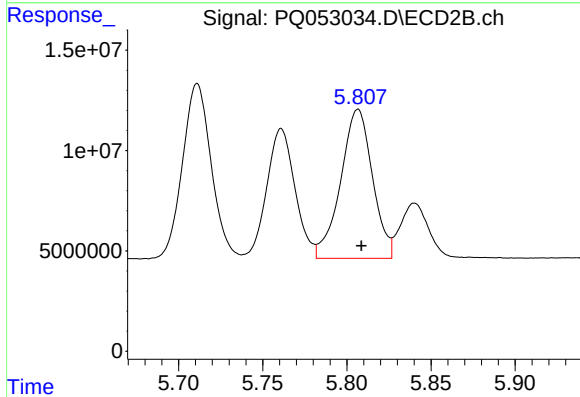
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 103544772
Conc: 398.39 ng/ml



#19 AR-1242-4

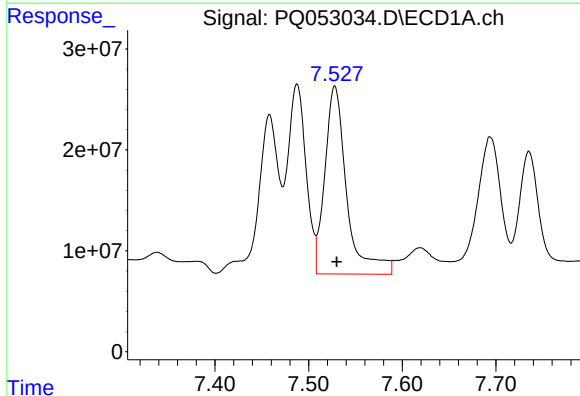
R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 233819341
Conc: 397.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



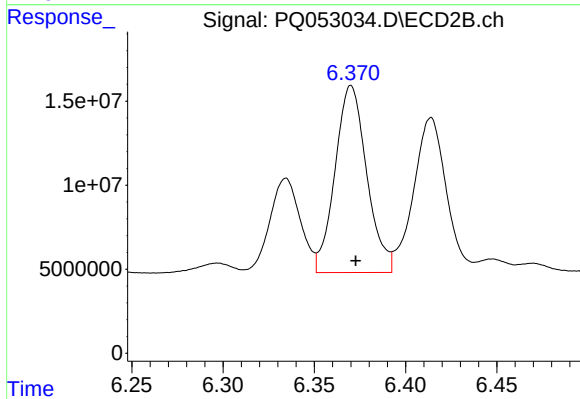
#19 AR-1242-4

R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 97930284
Conc: 398.86 ng/ml



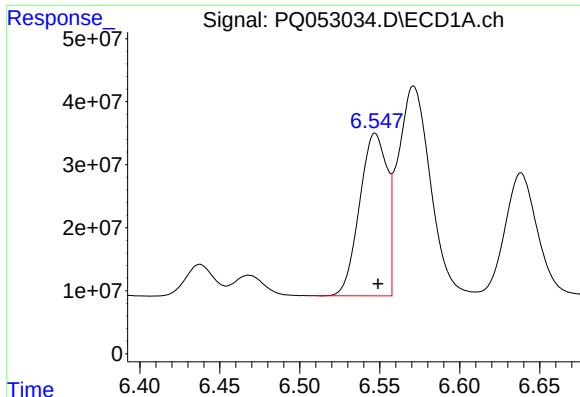
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 302306147
Conc: 451.21 ng/ml



#20 AR-1242-5

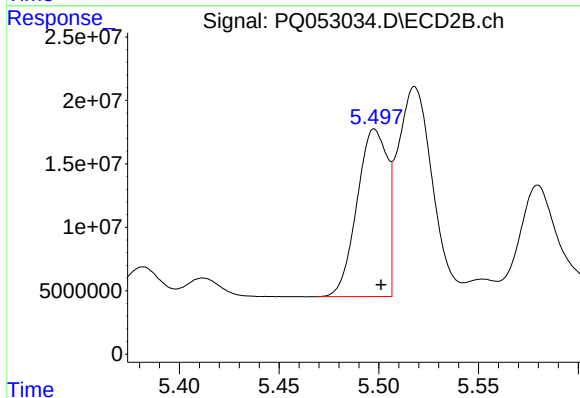
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 134719727
Conc: 387.76 ng/ml



#21 AR-1248-1

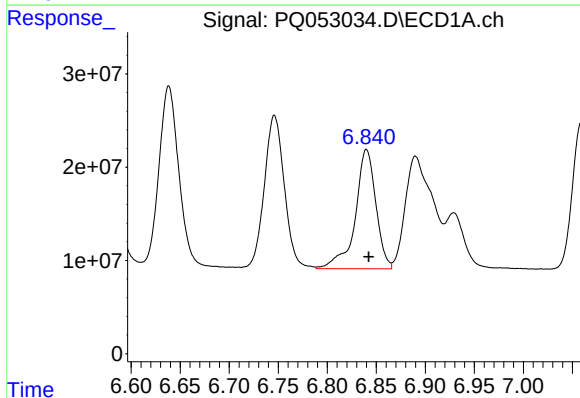
R.T.: 6.547 min
Delta R.T.: -0.002 min
Response: 309412583
Conc: 563.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



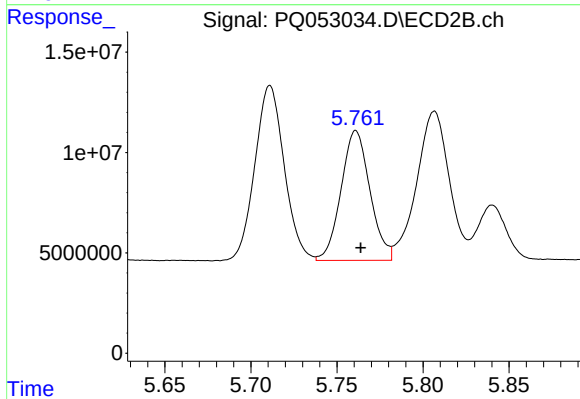
#21 AR-1248-1

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 139610469
Conc: 570.96 ng/ml



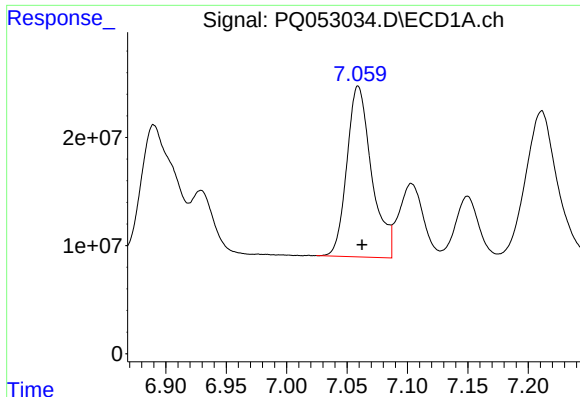
#22 AR-1248-2

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 187451611
Conc: 240.67 ng/ml



#22 AR-1248-2

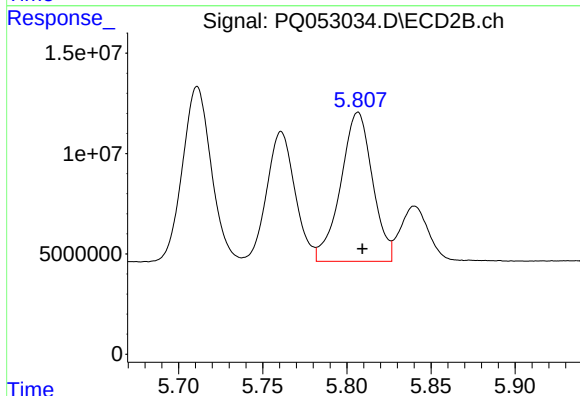
R.T.: 5.761 min
Delta R.T.: -0.003 min
Response: 75651027
Conc: 227.98 ng/ml



#23 AR-1248-3

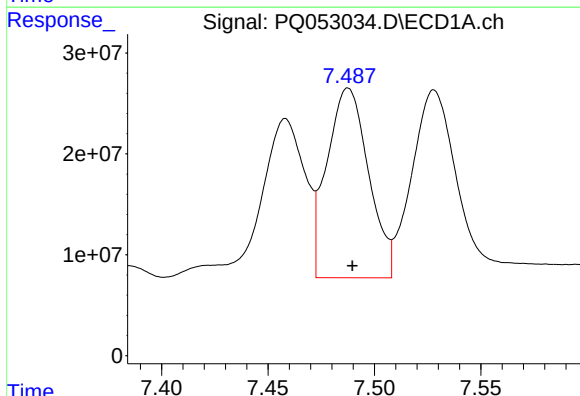
R.T.: 7.059 min
Delta R.T.: -0.003 min
Response: 225336656
Conc: 252.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



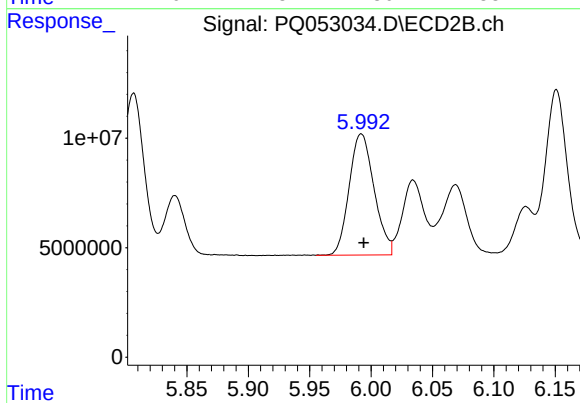
#23 AR-1248-3

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 97930284
Conc: 285.06 ng/ml



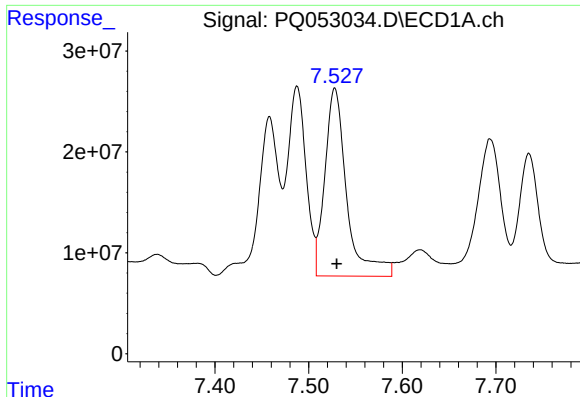
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 255781570
Conc: 239.11 ng/ml



#24 AR-1248-4

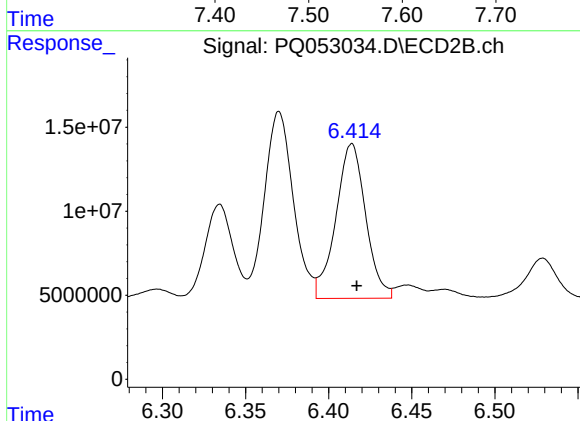
R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 78125496
Conc: 188.55 ng/ml



#25 AR-1248-5

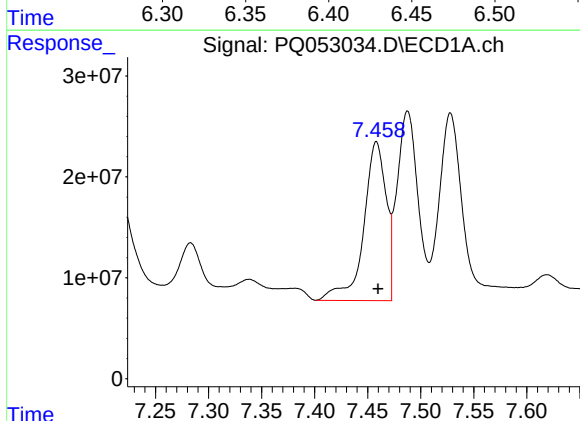
R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 302306147
Conc: 284.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



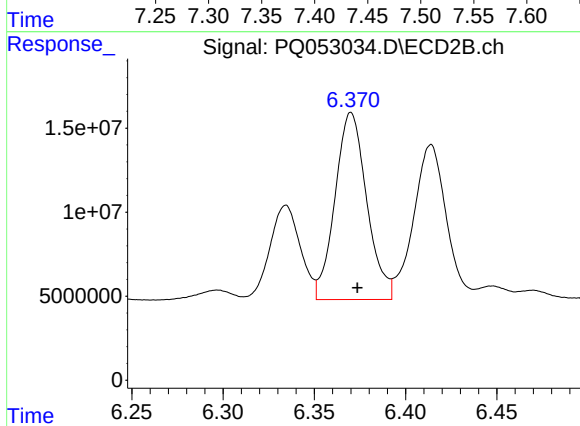
#25 AR-1248-5

R.T.: 6.414 min
Delta R.T.: -0.003 min
Response: 115083290
Conc: 257.92 ng/ml



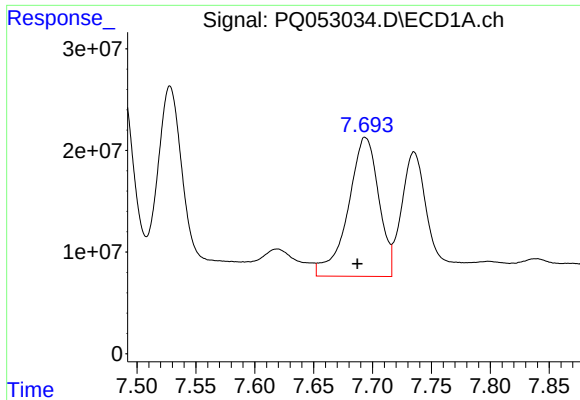
#26 AR-1254-1

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 232586528
Conc: 171.16 ng/ml



#26 AR-1254-1

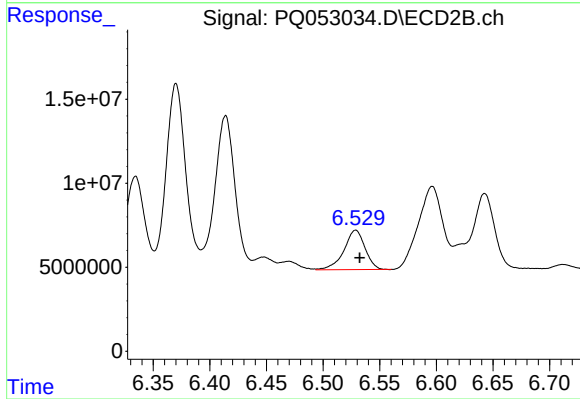
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 134719727
Conc: 150.22 ng/ml



#27 AR-1254-2

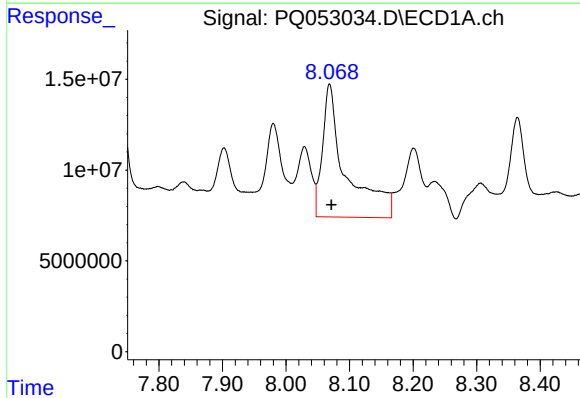
R.T.: 7.694 min
Delta R.T.: 0.007 min
Response: 247669702
Conc: 116.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



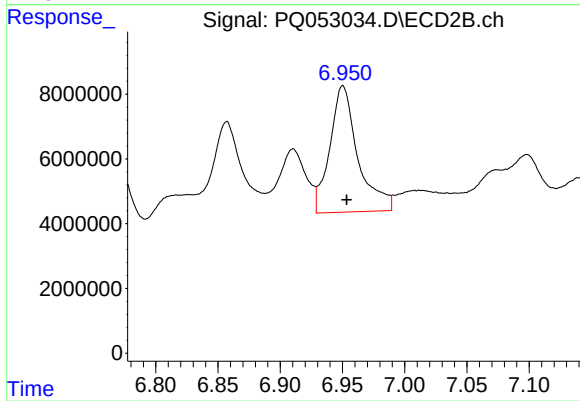
#27 AR-1254-2

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 30492340
Conc: 38.49 ng/ml



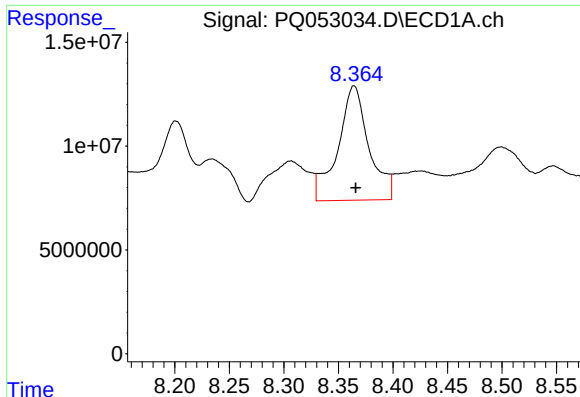
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 187673999
Conc: 80.07 ng/ml



#28 AR-1254-3

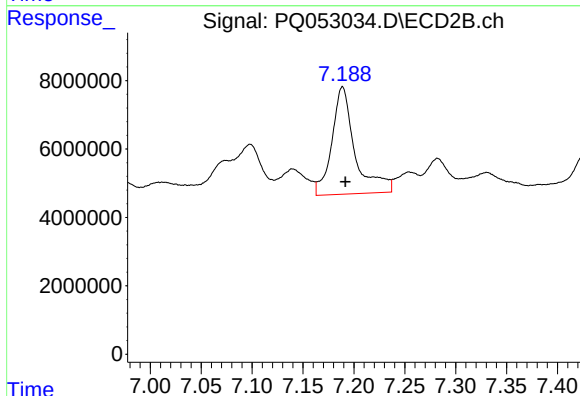
R.T.: 6.950 min
Delta R.T.: -0.003 min
Response: 61490473
Conc: 47.41 ng/ml



#29 AR-1254-4

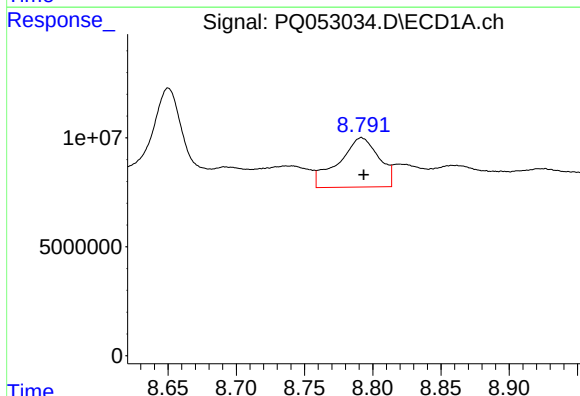
R.T.: 8.364 min
Delta R.T.: -0.001 min
Response: 109163061
Conc: 63.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



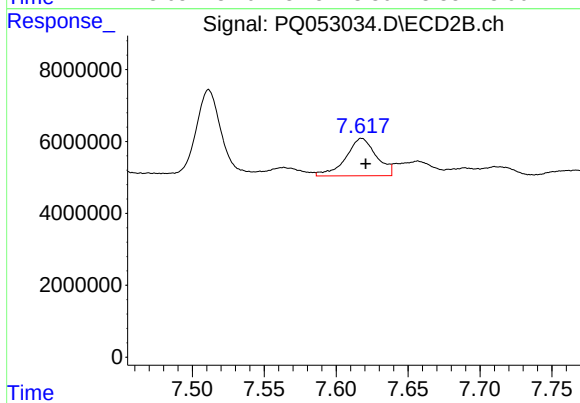
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 49708881
Conc: 55.86 ng/ml



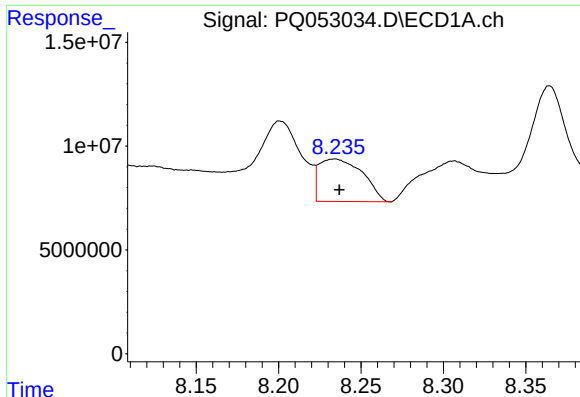
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: -0.002 min
Response: 46761096
Conc: 25.49 ng/ml



#30 AR-1254-5

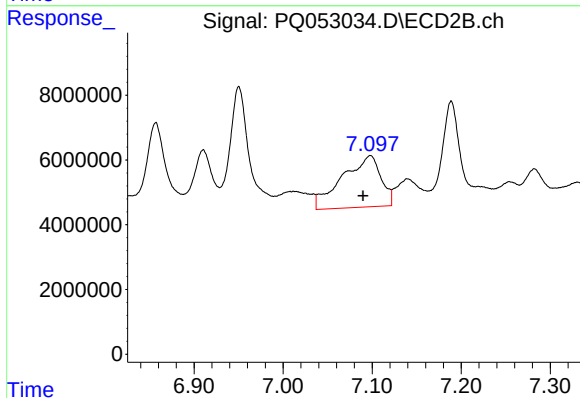
R.T.: 7.618 min
Delta R.T.: -0.003 min
Response: 15456981
Conc: 12.92 ng/ml



#31 AR-1260-1

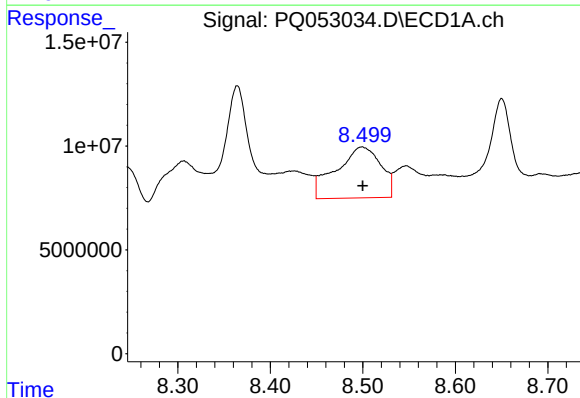
R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 37503173
Conc: 34.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



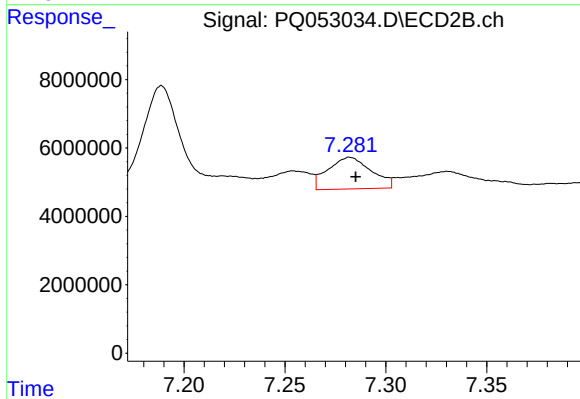
#31 AR-1260-1

R.T.: 7.098 min
Delta R.T.: 0.008 min
Response: 47888343
Conc: 82.84 ng/ml



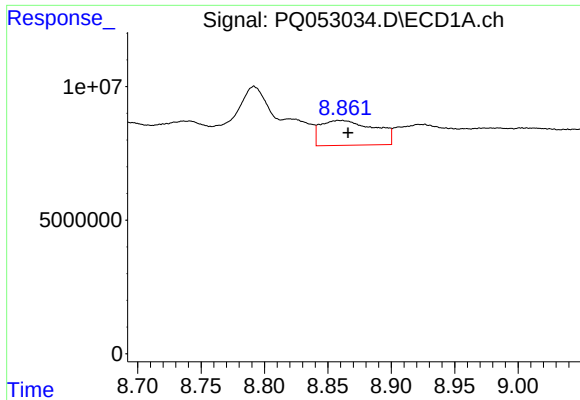
#32 AR-1260-2

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 82600627
Conc: 62.86 ng/ml



#32 AR-1260-2

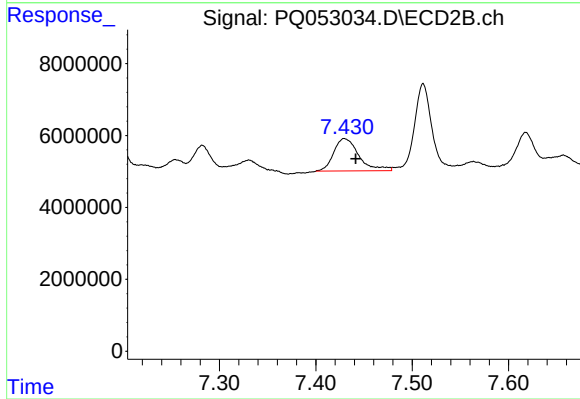
R.T.: 7.282 min
Delta R.T.: -0.003 min
Response: 13825116
Conc: 17.33 ng/ml



#33 AR-1260-3

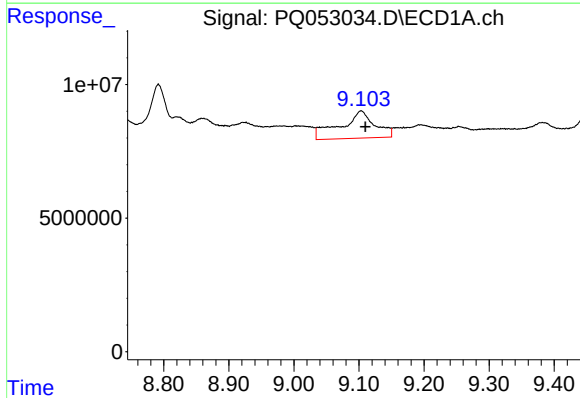
R.T.: 8.859 min
Delta R.T.: -0.007 min
Response: 27789164
Conc: 27.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



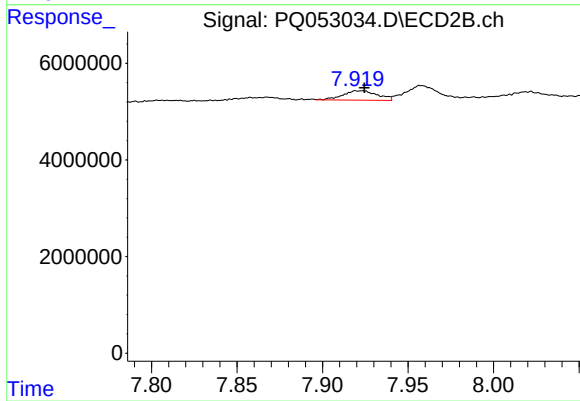
#33 AR-1260-3

R.T.: 7.430 min
Delta R.T.: -0.012 min
Response: 16376225
Conc: 24.85 ng/ml



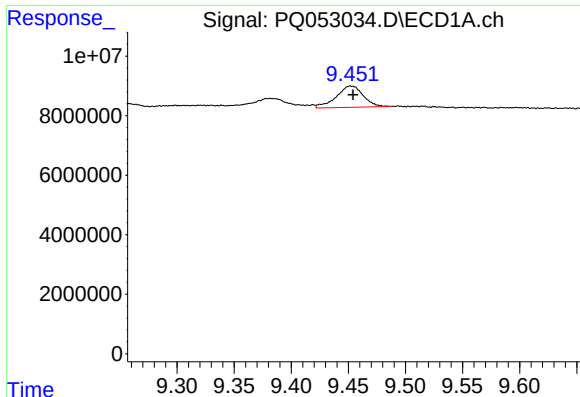
#34 AR-1260-4

R.T.: 9.103 min
Delta R.T.: -0.007 min
Response: 37643224
Conc: 32.94 ng/ml



#34 AR-1260-4

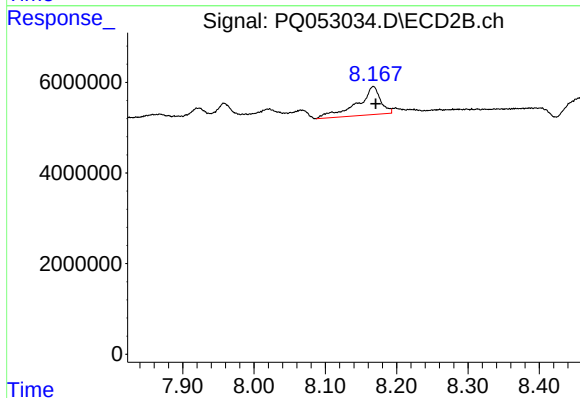
R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 2743579
Conc: 4.87 ng/ml



#35 AR-1260-5

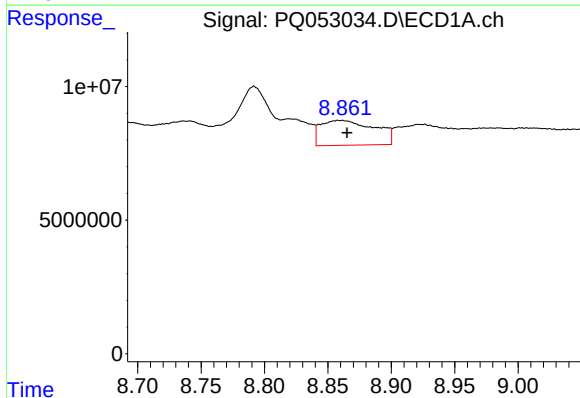
R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 11670034
Conc: 4.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



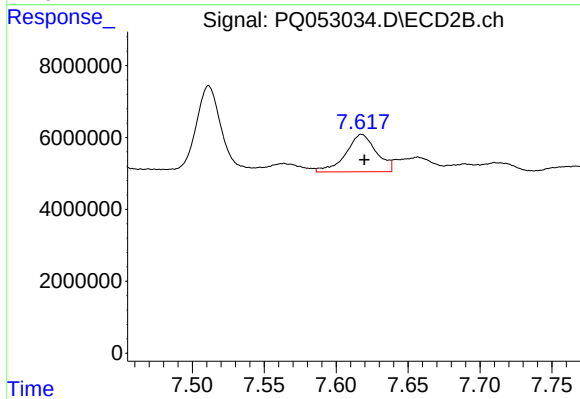
#35 AR-1260-5

R.T.: 8.167 min
Delta R.T.: -0.003 min
Response: 14173578
Conc: 9.26 ng/ml



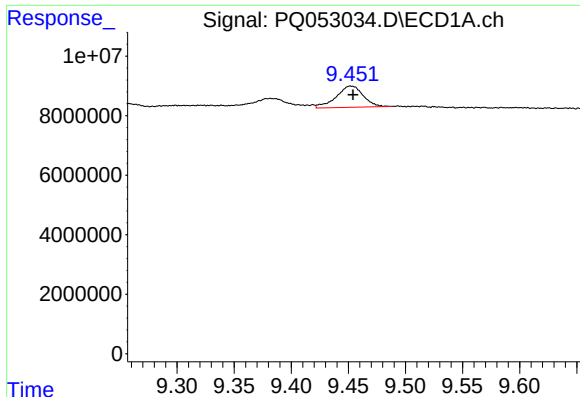
#36 AR-1262-1

R.T.: 8.859 min
Delta R.T.: -0.006 min
Response: 27789164
Conc: 15.31 ng/ml



#36 AR-1262-1

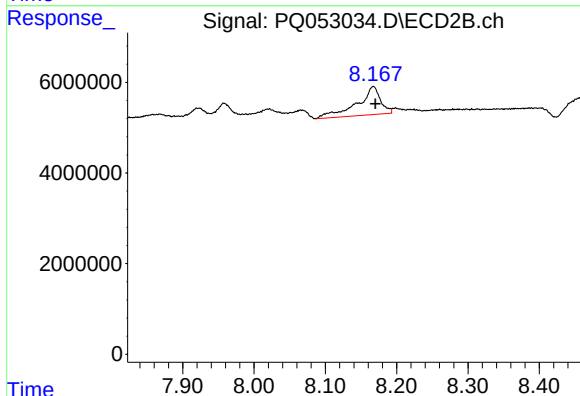
R.T.: 7.618 min
Delta R.T.: -0.002 min
Response: 15456981
Conc: 30.69 ng/ml



#37 AR-1262-2

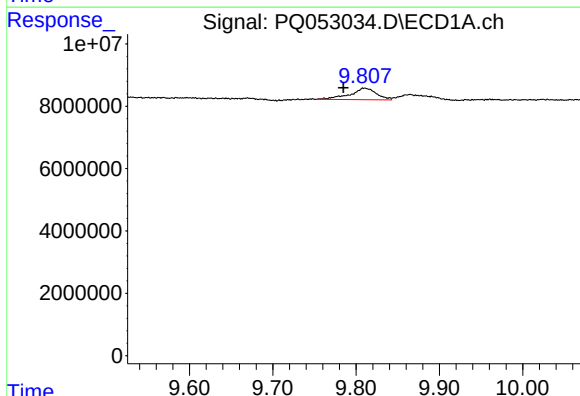
R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 11670034
Conc: 3.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



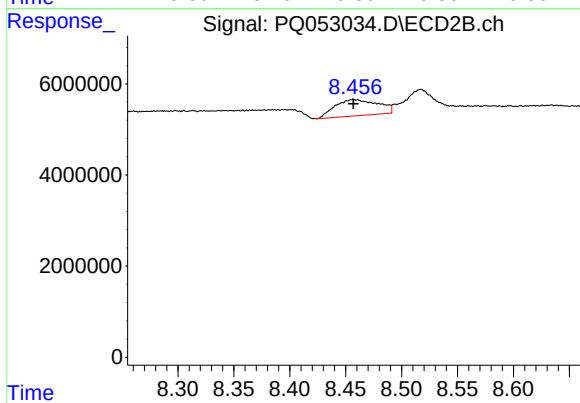
#37 AR-1262-2

R.T.: 8.167 min
Delta R.T.: -0.003 min
Response: 14173578
Conc: 6.81 ng/ml



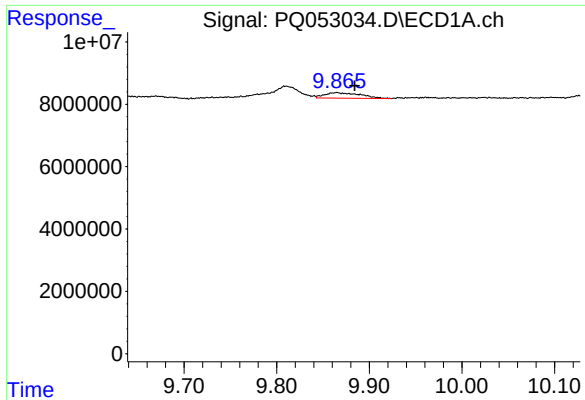
#38 AR-1262-3

R.T.: 9.810 min
Delta R.T.: 0.025 min
Response: 8238308
Conc: 3.71 ng/ml



#38 AR-1262-3

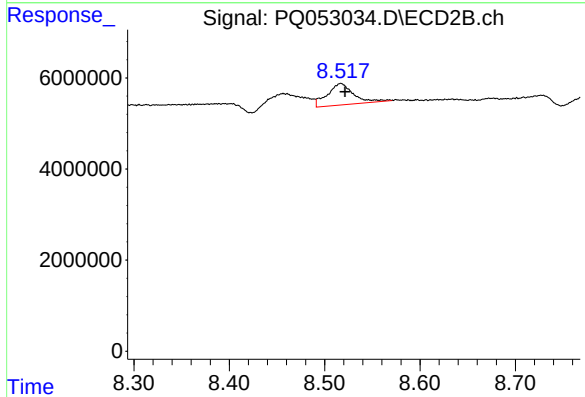
R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 9559794
Conc: 11.83 ng/ml



#39 AR-1262-4

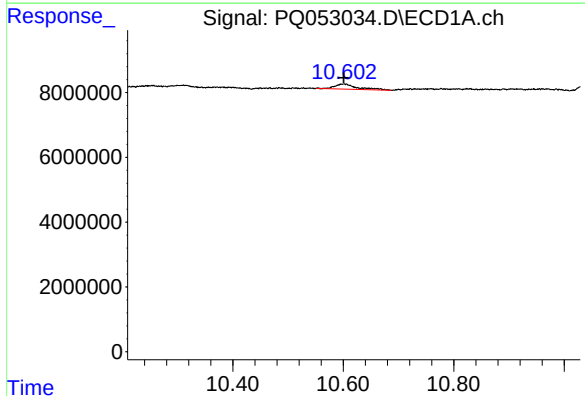
R.T.: 9.865 min
Delta R.T.: -0.019 min
Response: 4743303
Conc: 2.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



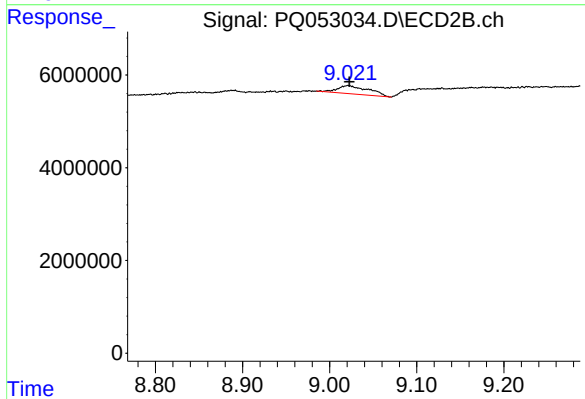
#39 AR-1262-4

R.T.: 8.517 min
Delta R.T.: -0.004 min
Response: 8969678
Conc: 6.44 ng/ml



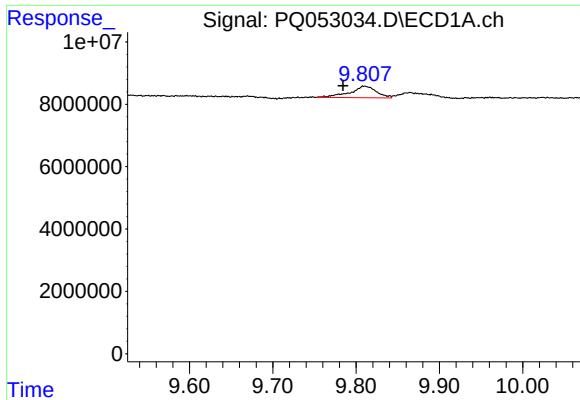
#40 AR-1262-5

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 4545108
Conc: 3.74 ng/ml



#40 AR-1262-5

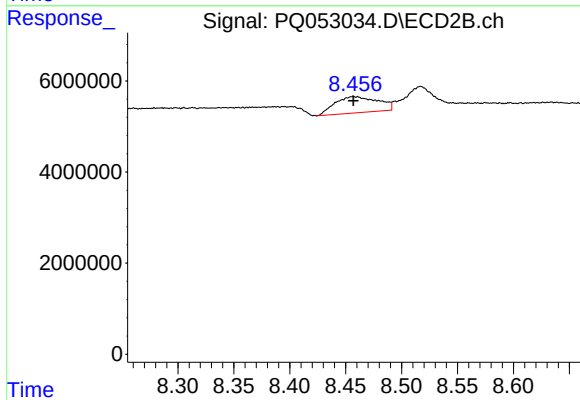
R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 4430861
Conc: 7.22 ng/ml



#41 AR-1268-1

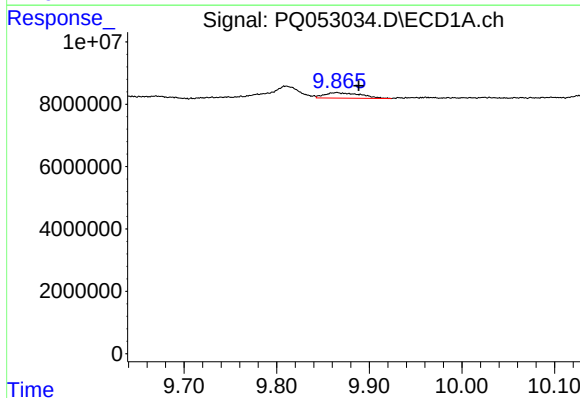
R.T.: 9.810 min
Delta R.T.: 0.025 min
Response: 8238308
Conc: 2.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



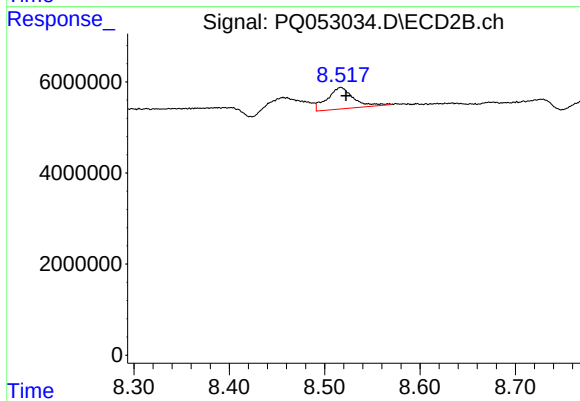
#41 AR-1268-1

R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 9559794
Conc: 4.03 ng/ml



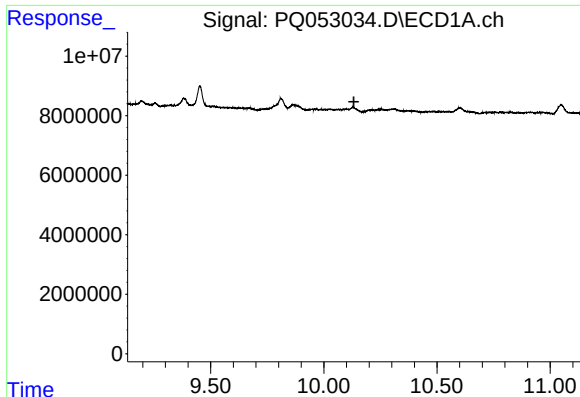
#42 AR-1268-2

R.T.: 9.865 min
Delta R.T.: -0.024 min
Response: 4743303
Conc: 1.28 ng/ml



#42 AR-1268-2

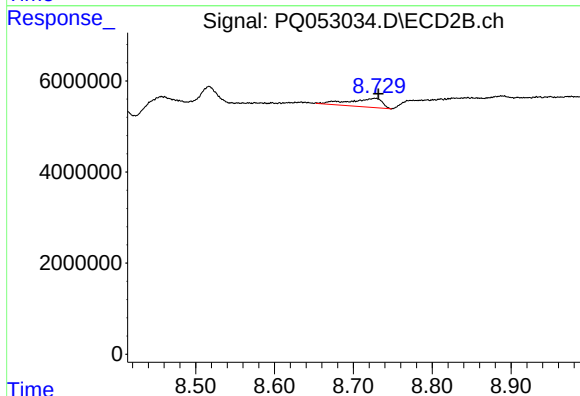
R.T.: 8.517 min
Delta R.T.: -0.006 min
Response: 8969678
Conc: 4.41 ng/ml



#43 AR-1268-3

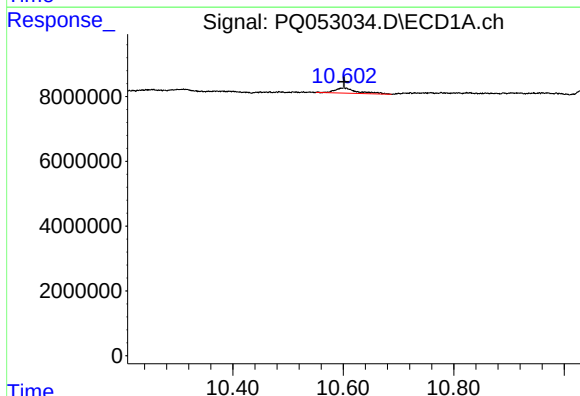
R.T.: 0.000 min
Exp R.T.: 10.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



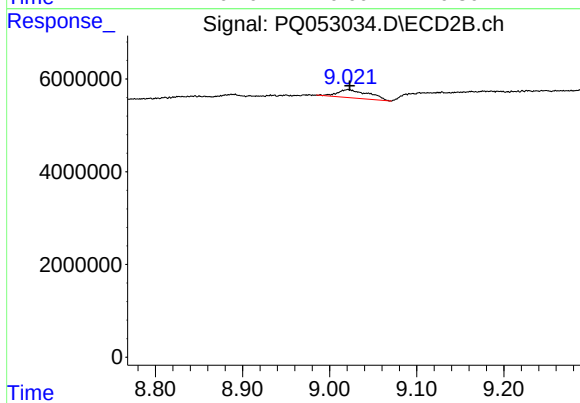
#43 AR-1268-3

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 5531763
Conc: 3.11 ng/ml



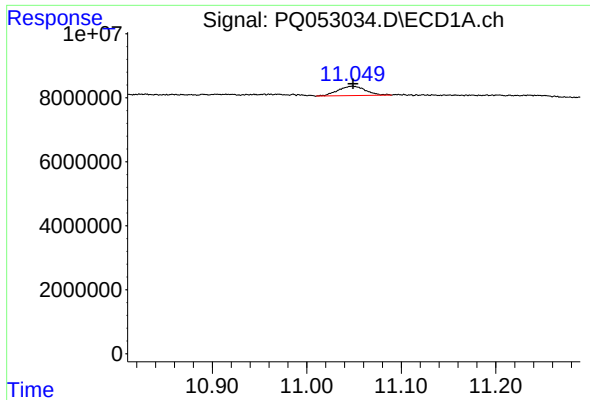
#44 AR-1268-4

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 4545108
Conc: 3.52 ng/ml



#44 AR-1268-4

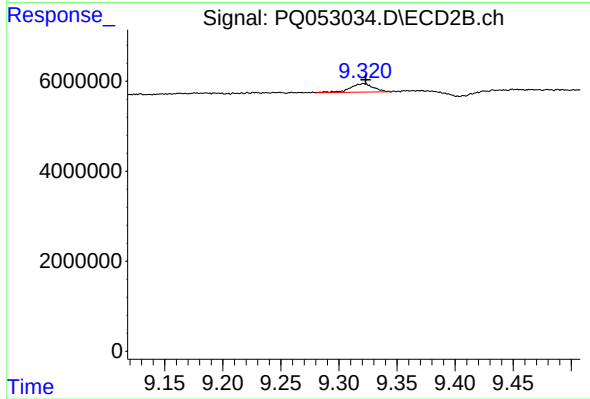
R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 4430861
Conc: 6.69 ng/ml



#45 AR-1268-5

R.T.: 11.048 min
Delta R.T.: 0.000 min
Response: 5902989
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.322 min
Delta R.T.: -0.001 min
Response: 2667860
Conc: 0.55 ng/ml