

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102220\
 Data File : PQ050568.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2020 09:41
 Operator : DD\AJ
 Sample : L4214-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 10:09:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 22 02:49:52 2020
 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...	5.195	4.265	339.9E6	98788051	15.628	15.769
2)	SA Decachlor...	11.375	9.612	232.1E6	120.2E6	18.560	18.094
Target Compounds							
3)	L1 AR-1016-1	6.526	5.524	17308442	5872247	23.330	24.368
4)	L1 AR-1016-2	6.552	5.545	24555571	7658098	22.945	23.305
5)	L1 AR-1016-3	6.617	5.738	14698562	4292890	23.403	24.893
6)	L1 AR-1016-4	6.727	5.788	11980128	3781454	22.536	28.565 #
7)	L1 AR-1016-5	7.039	6.020	11117707	3912796	22.940	22.718
8)	L2 AR-1221-1	0.000	4.518	0	394280	N.D.	6.832 #
9)	L2 AR-1221-2	5.551	4.620	7515557	3090429	51.171	71.768 #
10)	L2 AR-1221-3	5.640	4.710	15036192	1890160	32.535	13.730 #
11)	L3 AR-1232-1	5.640	4.710	15036192	1890160	38.514	16.158 #
12)	L3 AR-1232-2	6.231	5.545	12088815	7658098	62.573	62.074
13)	L3 AR-1232-3	6.552	5.738	24555571	4292890	62.243	66.962
14)	L3 AR-1232-4	6.727	5.834	11980128	4421155	61.239	81.762 #
15)	L3 AR-1232-5	6.819	6.020	9702175	3912796	68.605	65.165
16)	L4 AR-1242-1	6.526	5.524	17308442	5872247	36.294	38.122
17)	L4 AR-1242-2	6.552	5.545	24555571	7658098	36.421	35.520
18)	L4 AR-1242-3	6.617	5.738	14698562	4292890	36.215	37.971
19)	L4 AR-1242-4	6.727	5.834	11980128	4421155	35.506	41.748
20)	L4 AR-1242-5	0.000	6.398	0	3701030	N.D.	25.412 #
21)	L5 AR-1248-1	6.526	5.524	17308442	5872247	48.145	49.302
22)	L5 AR-1248-2	6.819	5.788	9702175	3781454	20.391	24.834
23)	L5 AR-1248-3	7.039	5.834	11117707	4421155	21.366	28.013 #
24)	L5 AR-1248-4	0.000	6.020	0	3912796	N.D.	20.639 #
26)	L6 AR-1254-1	7.438	6.398	6209260	3701030	11.187	12.616
27)	L6 AR-1254-2	7.664	6.556	9356711	3103281	11.044	12.320
28)	L6 AR-1254-3	8.052	6.995f	4672055	7066428	5.499	16.989 #
29)	L6 AR-1254-4	8.347	7.213	5440251	2477198	8.297	8.637
30)	L6 AR-1254-5	8.778	7.645	28507071	10811439	44.688	28.531 #
31)	L7 AR-1260-1	8.215	7.114	18668694	10751620	24.259	33.629 #
32)	L7 AR-1260-2	8.482	7.310	28349932	12124924	29.960	28.746
33)	L7 AR-1260-3	8.847	7.466	19781071	8900151	27.546	24.101
34)	L7 AR-1260-4	9.091	7.950	18341167	7856190	25.154	24.638
35)	L7 AR-1260-5	9.437	8.196	37167773	20448598	24.780	23.424
36)	L8 AR-1262-1	8.847	7.645	19781071	10811439	24.576	52.555 #
37)	L8 AR-1262-2	9.437	8.196	37167773	20448598	27.678	24.982
38)	L8 AR-1262-3	9.762	8.483	10430929	5552401	17.335	15.913
39)	L8 AR-1262-4	9.849	8.546	16588602	14271666	23.267	24.499
40)	L8 AR-1262-5	10.579	9.051	11809148	5899565	24.193	20.617
41)	L9 AR-1268-1	9.762	8.483	10430929	5552401	6.940	5.848
42)	L9 AR-1268-2	9.849f	8.546	16588602	14271666	11.937	17.126 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102220\
 Data File : PQ050568.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2020 09:41
 Operator : DD\AJ
 Sample : L4214-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 10:09:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 22 02:49:52 2020
 Response via : Initial Calibration
 Integrator: ChemStation

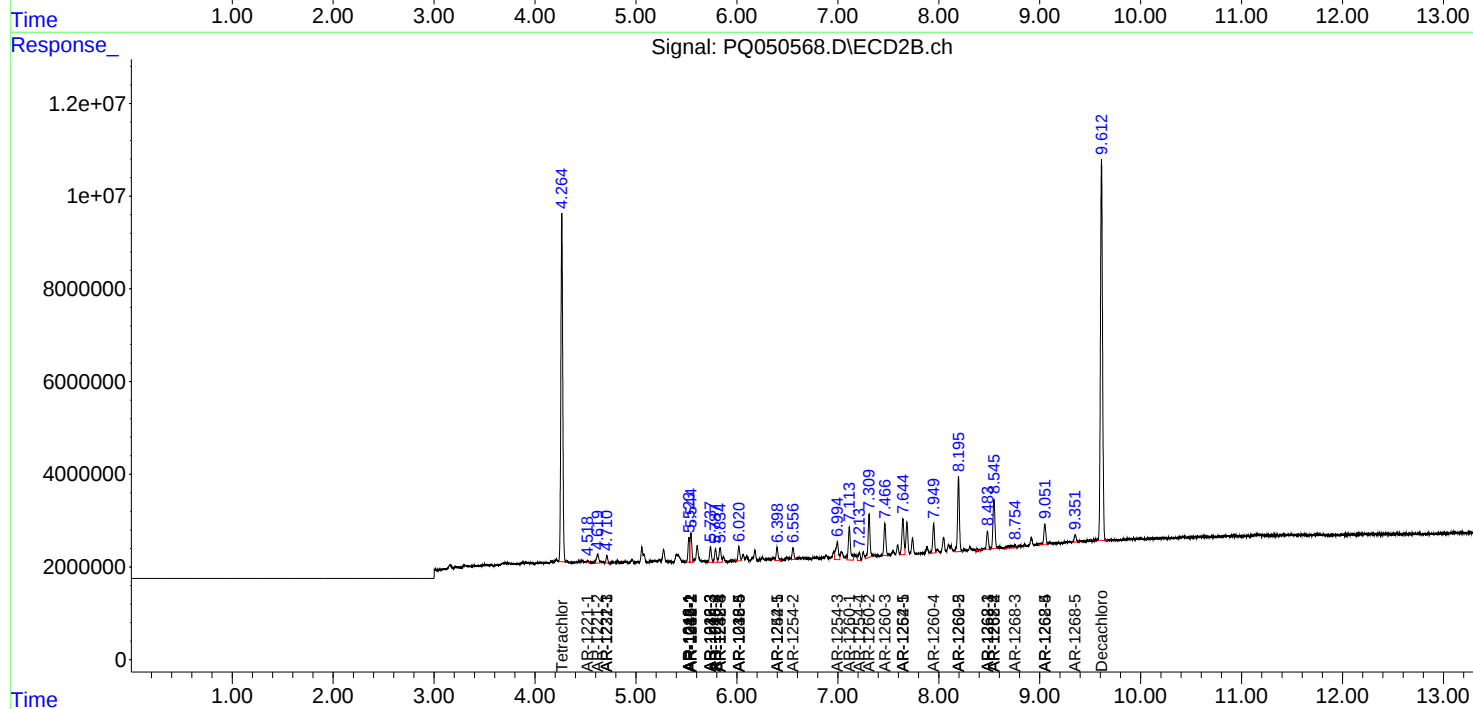
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

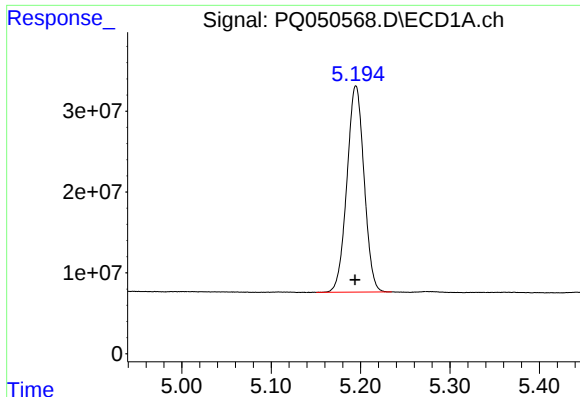
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.756	0	2073139	N.D.	2.928 #
44) L9	AR-1268-4	10.579	9.051	11809148	5899565	22.622	19.209
45) L9	AR-1268-5	11.019	9.352	5826000	2347569	1.815	1.115 #

(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

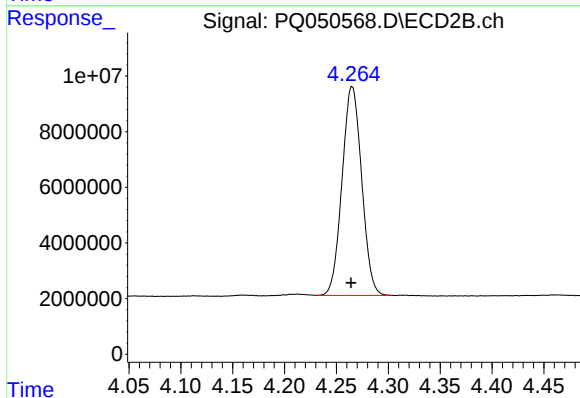




#1 Tetrachloro-m-xylene

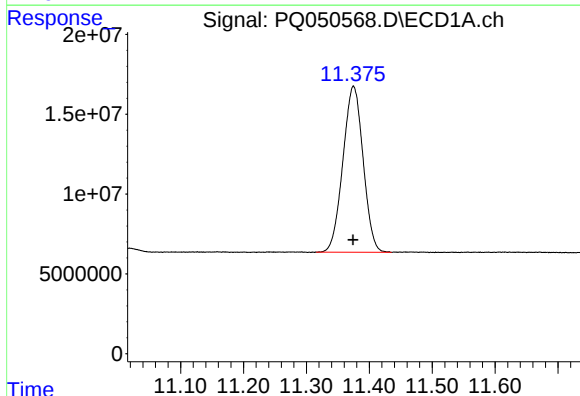
R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 339862180
Conc: 15.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



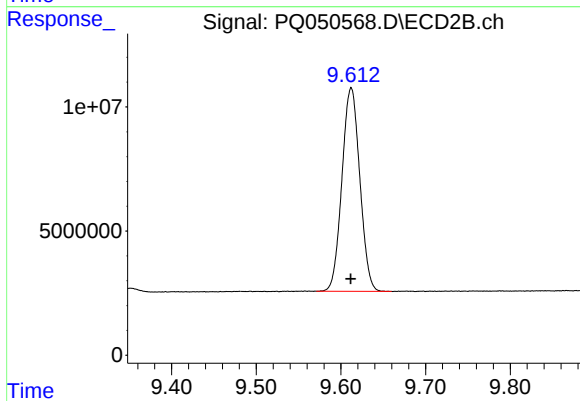
#1 Tetrachloro-m-xylene

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 98788051
Conc: 15.77 ng/ml



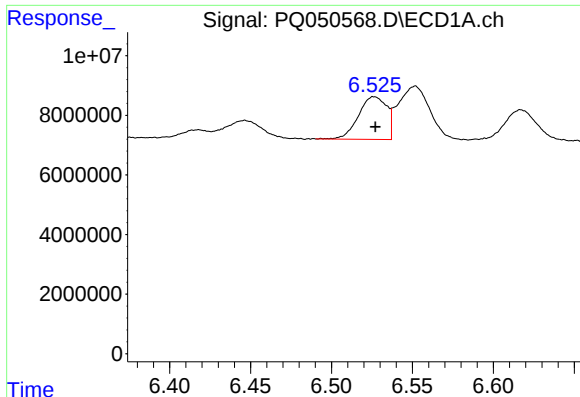
#2 Decachlorobiphenyl

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 232146502
Conc: 18.56 ng/ml



#2 Decachlorobiphenyl

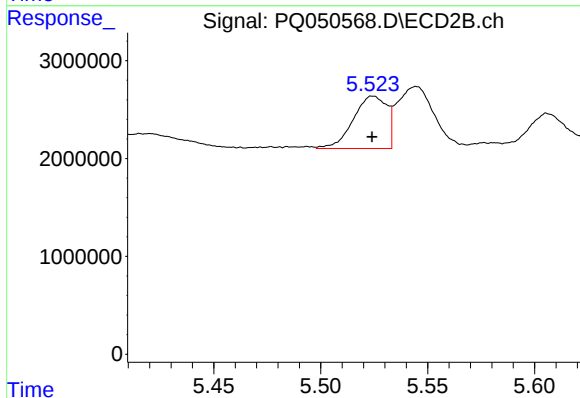
R.T.: 9.612 min
Delta R.T.: 0.000 min
Response: 120170656
Conc: 18.09 ng/ml



#3 AR-1016-1

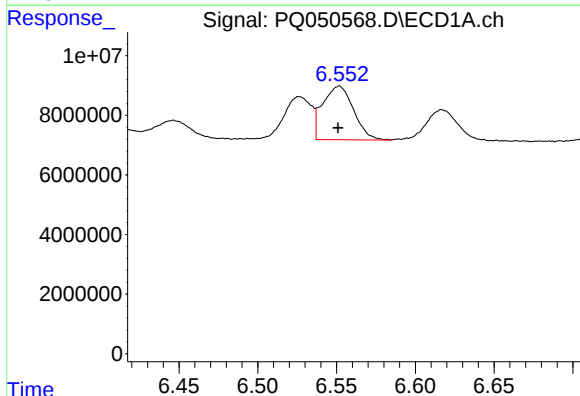
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 17308442
Conc: 23.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



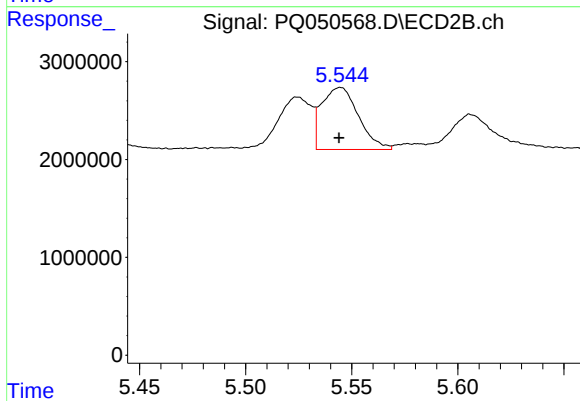
#3 AR-1016-1

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 5872247
Conc: 24.37 ng/ml



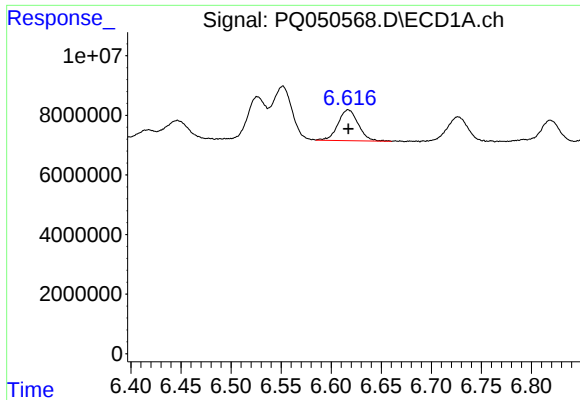
#4 AR-1016-2

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 24555571
Conc: 22.94 ng/ml



#4 AR-1016-2

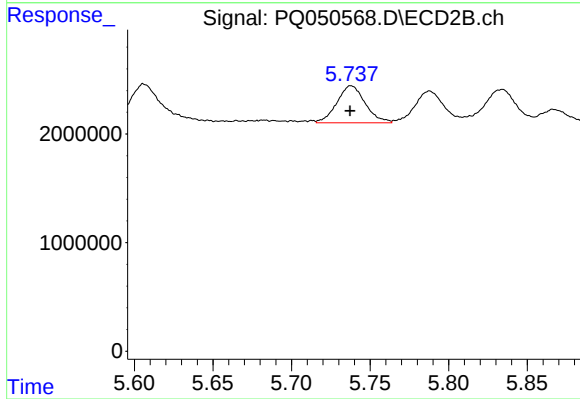
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 7658098
Conc: 23.31 ng/ml



#5 AR-1016-3

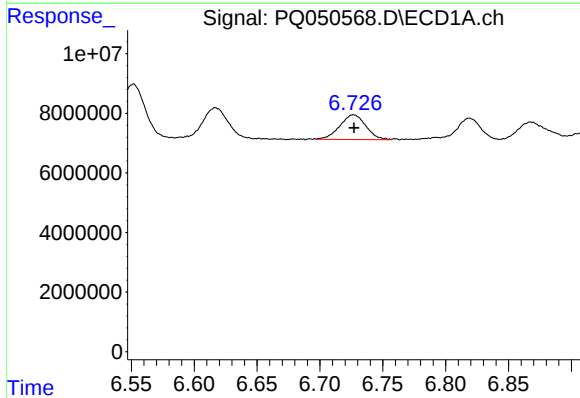
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 14698562
Conc: 23.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



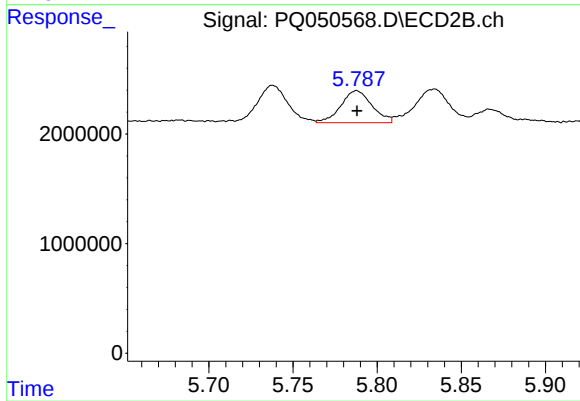
#5 AR-1016-3

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 4292890
Conc: 24.89 ng/ml



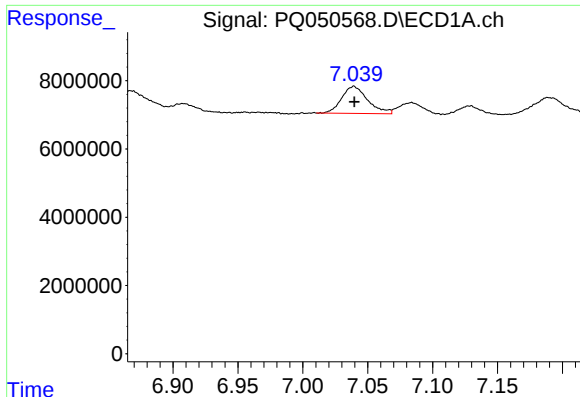
#6 AR-1016-4

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 11980128
Conc: 22.54 ng/ml



#6 AR-1016-4

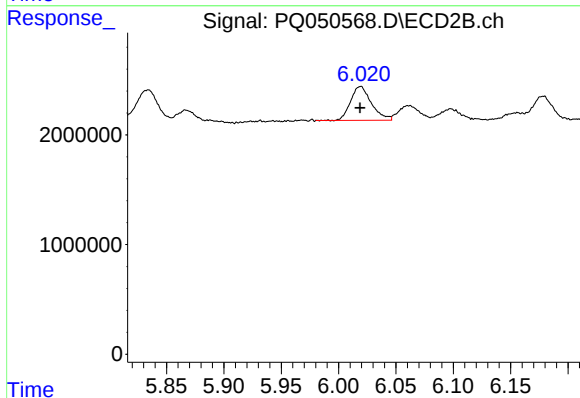
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 3781454
Conc: 28.56 ng/ml



#7 AR-1016-5

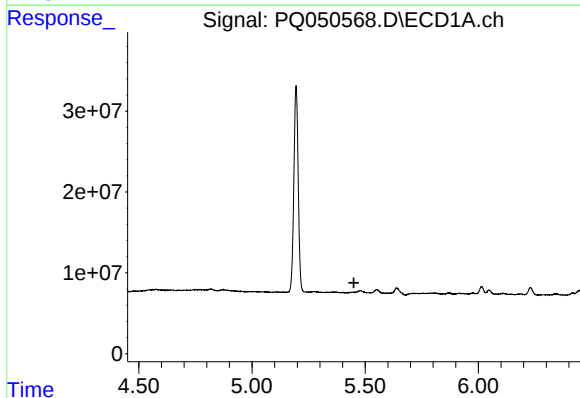
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 11117707
Conc: 22.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



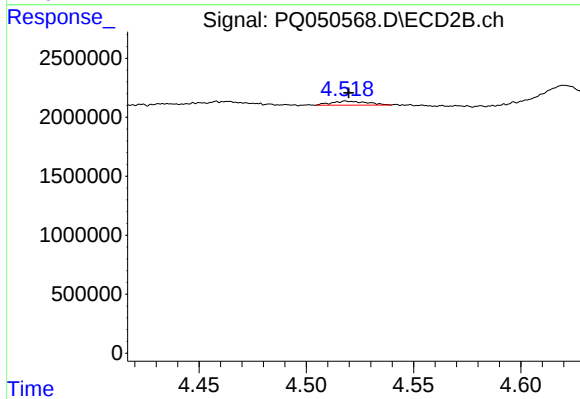
#7 AR-1016-5

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 3912796
Conc: 22.72 ng/ml



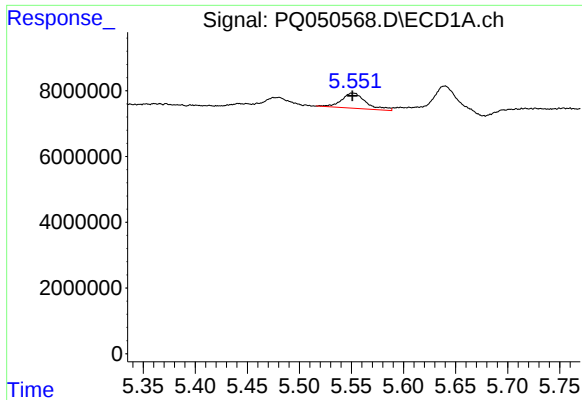
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.450 min
Response: 0
Conc: N.D.



#8 AR-1221-1

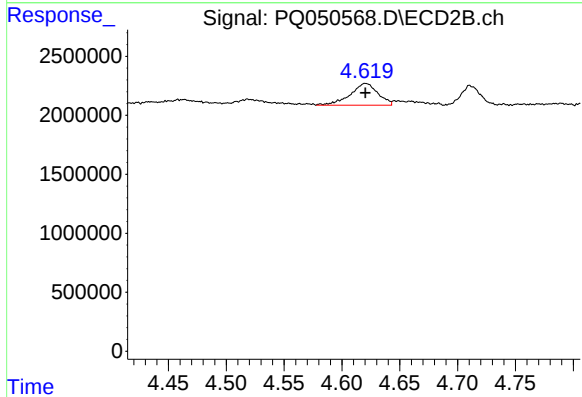
R.T.: 4.518 min
Delta R.T.: -0.001 min
Response: 394280
Conc: 6.83 ng/ml



#9 AR-1221-2

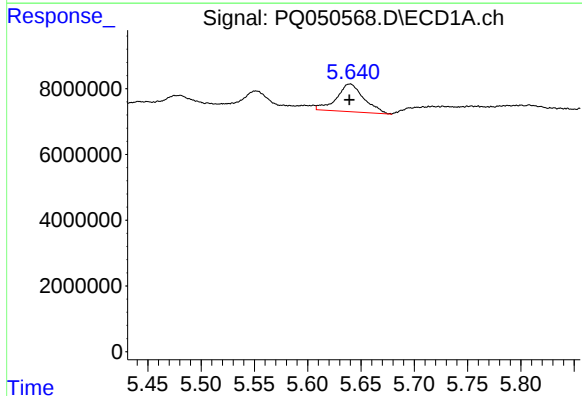
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 7515557
Conc: 51.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



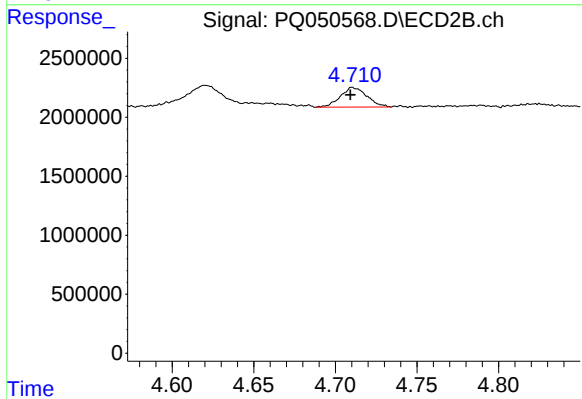
#9 AR-1221-2

R.T.: 4.620 min
Delta R.T.: 0.000 min
Response: 3090429
Conc: 71.77 ng/ml



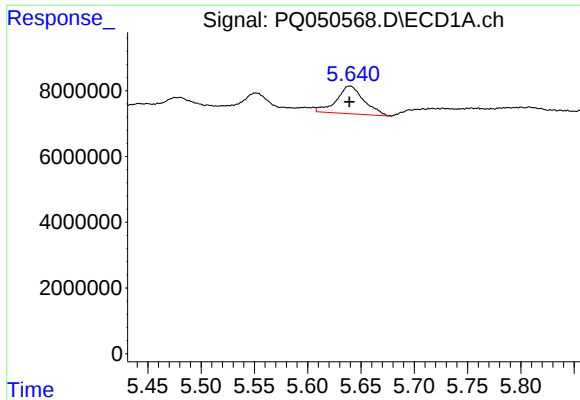
#10 AR-1221-3

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 15036192
Conc: 32.53 ng/ml



#10 AR-1221-3

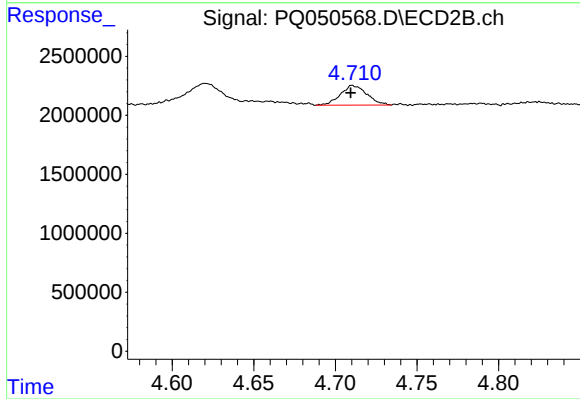
R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 1890160
Conc: 13.73 ng/ml



#11 AR-1232-1

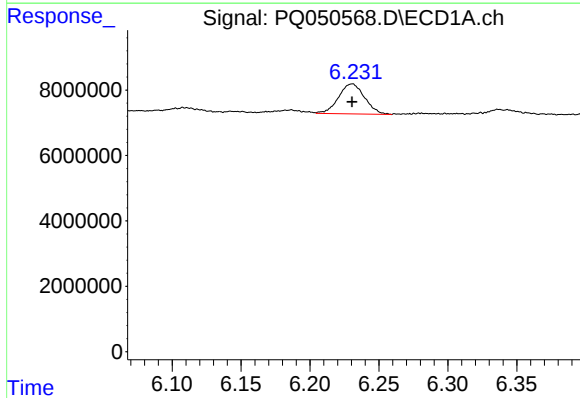
R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 15036192
Conc: 38.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



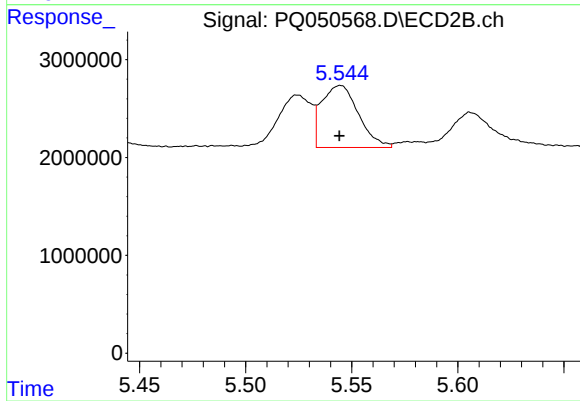
#11 AR-1232-1

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 1890160
Conc: 16.16 ng/ml



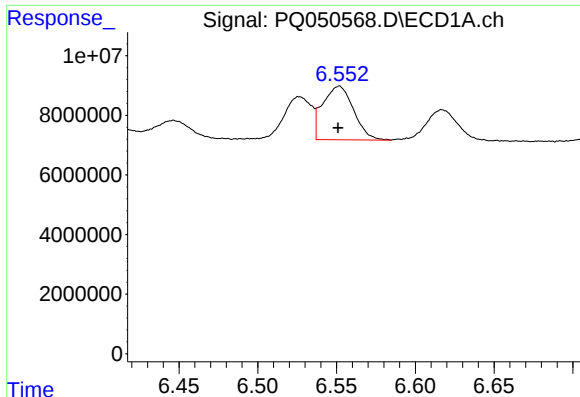
#12 AR-1232-2

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 12088815
Conc: 62.57 ng/ml



#12 AR-1232-2

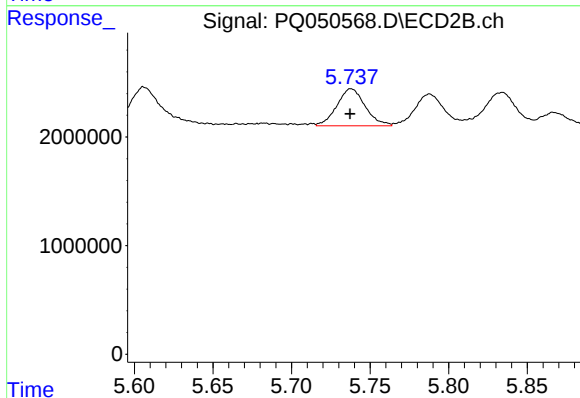
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 7658098
Conc: 62.07 ng/ml



#13 AR-1232-3

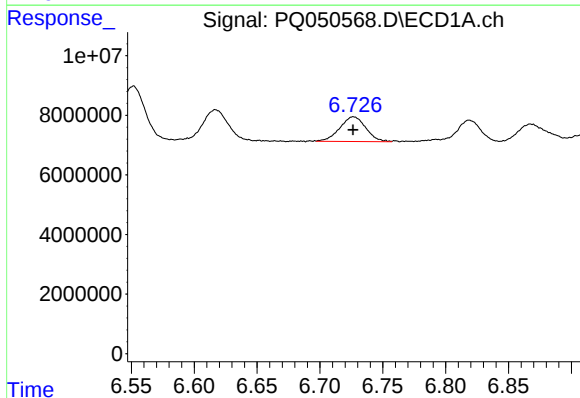
R.T.: 6.552 min
Delta R.T.: 0.001 min
Response: 24555571
Conc: 62.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



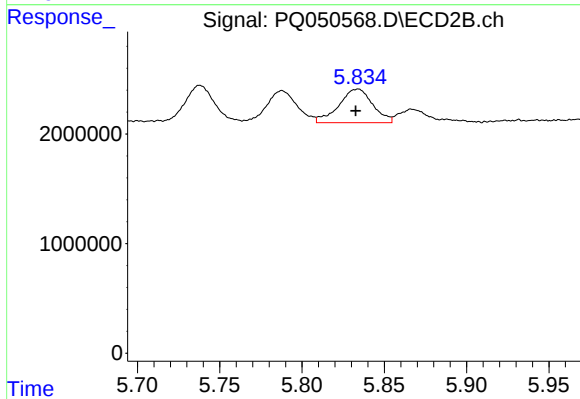
#13 AR-1232-3

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 4292890
Conc: 66.96 ng/ml



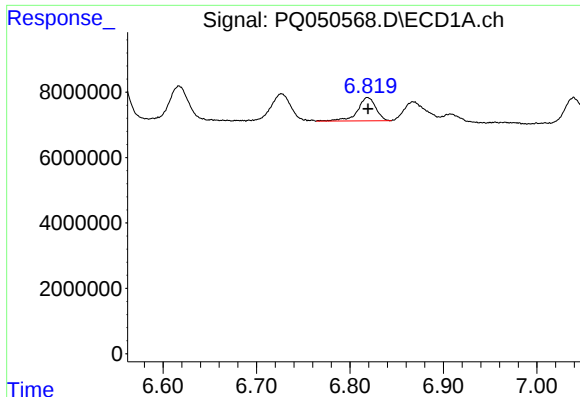
#14 AR-1232-4

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 11980128
Conc: 61.24 ng/ml



#14 AR-1232-4

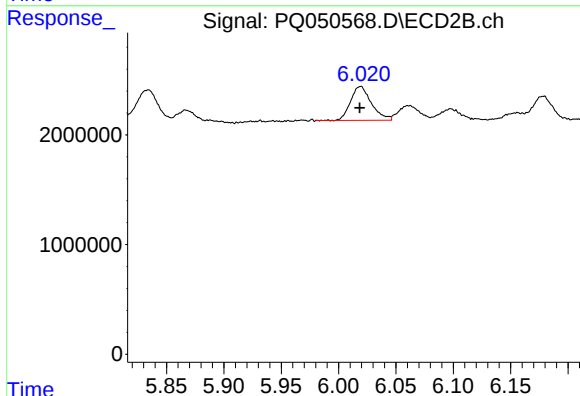
R.T.: 5.834 min
Delta R.T.: 0.002 min
Response: 4421155
Conc: 81.76 ng/ml



#15 AR-1232-5

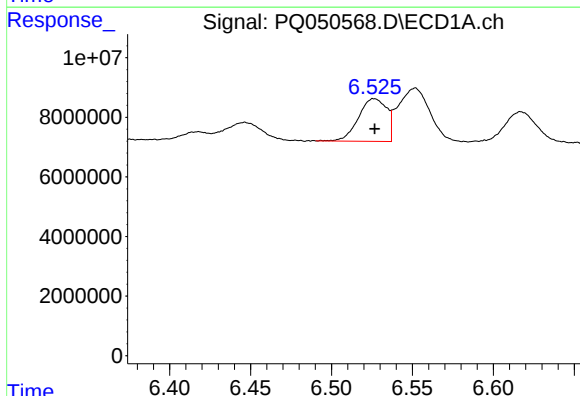
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 9702175
Conc: 68.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



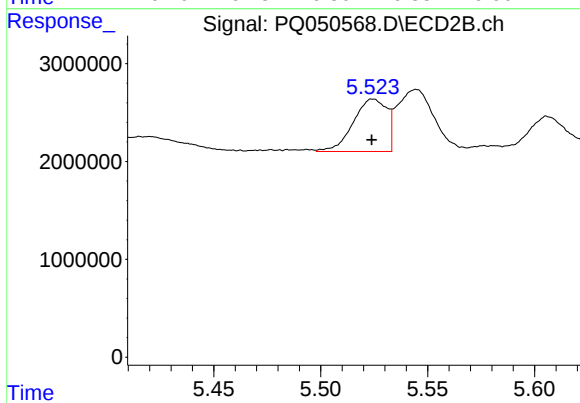
#15 AR-1232-5

R.T.: 6.020 min
Delta R.T.: 0.001 min
Response: 3912796
Conc: 65.17 ng/ml



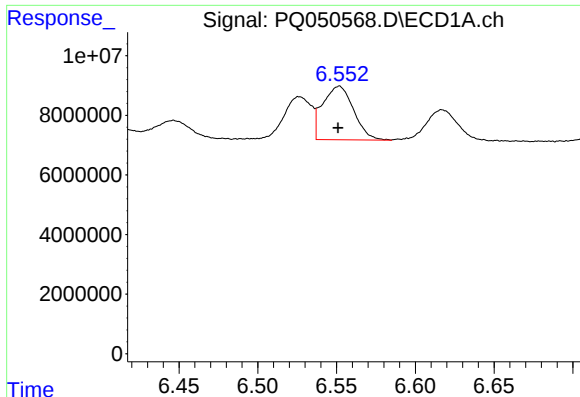
#16 AR-1242-1

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 17308442
Conc: 36.29 ng/ml



#16 AR-1242-1

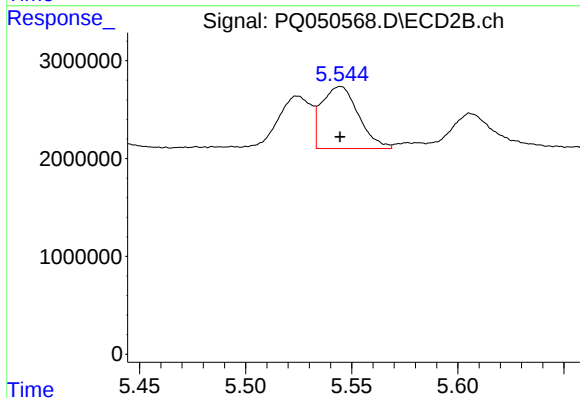
R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 5872247
Conc: 38.12 ng/ml



#17 AR-1242-2

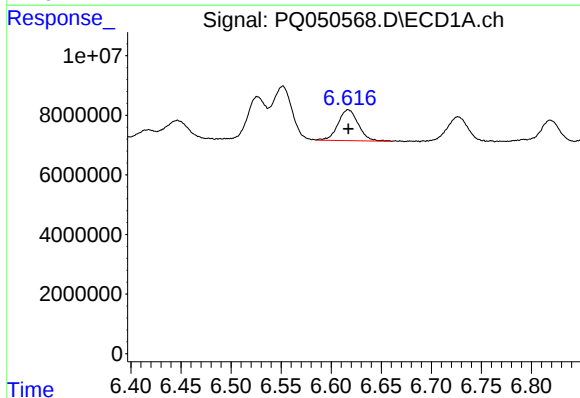
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 24555571
Conc: 36.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



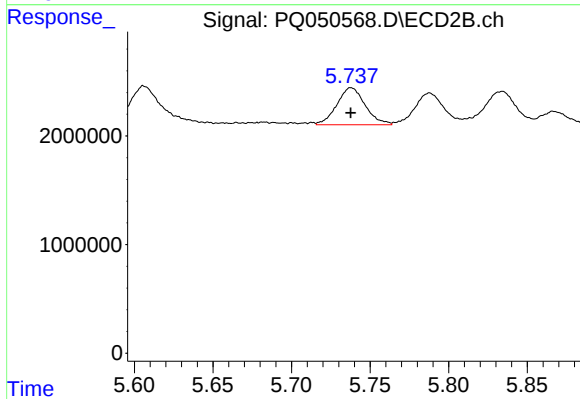
#17 AR-1242-2

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 7658098
Conc: 35.52 ng/ml



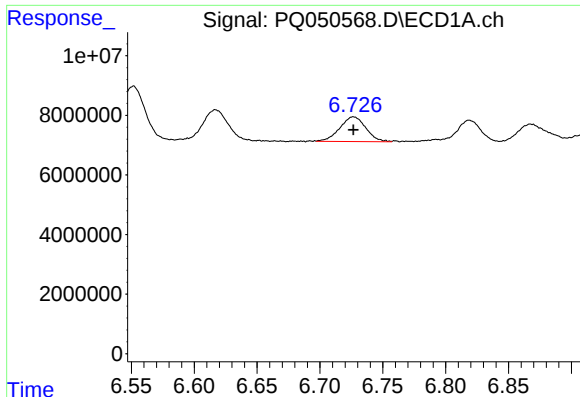
#18 AR-1242-3

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 14698562
Conc: 36.21 ng/ml



#18 AR-1242-3

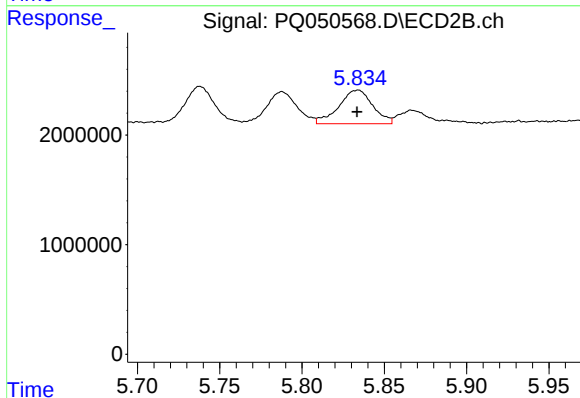
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 4292890
Conc: 37.97 ng/ml



#19 AR-1242-4

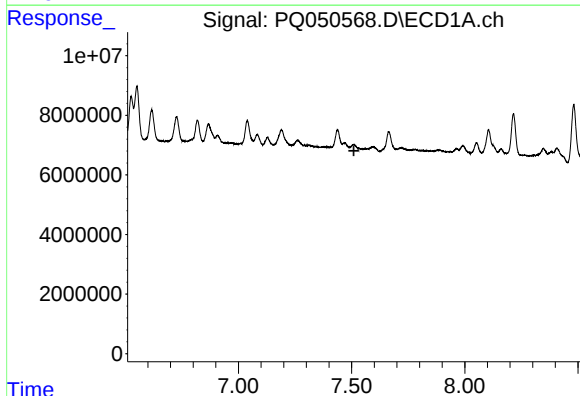
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 11980128
Conc: 35.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



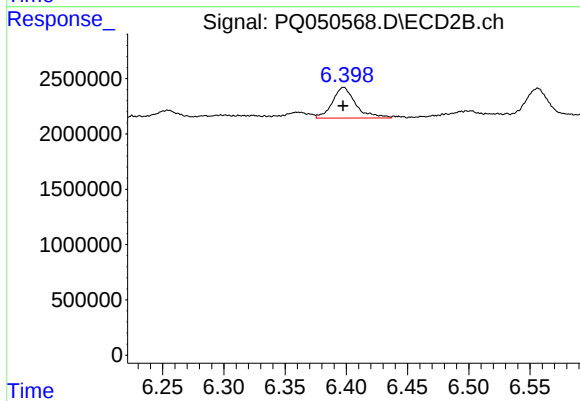
#19 AR-1242-4

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 4421155
Conc: 41.75 ng/ml



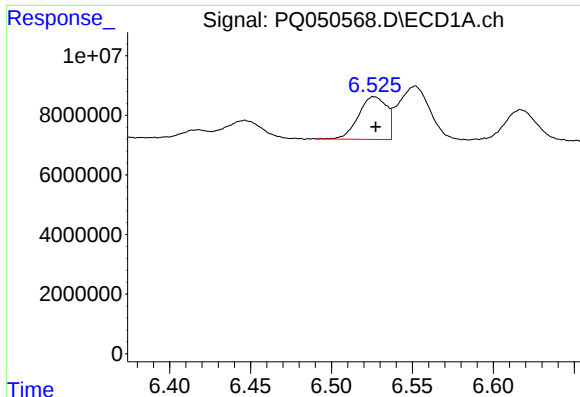
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.510 min
Response: 0
Conc: N.D.



#20 AR-1242-5

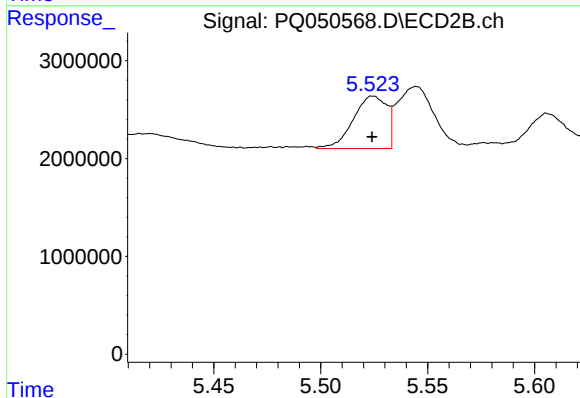
R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 3701030
Conc: 25.41 ng/ml



#21 AR-1248-1

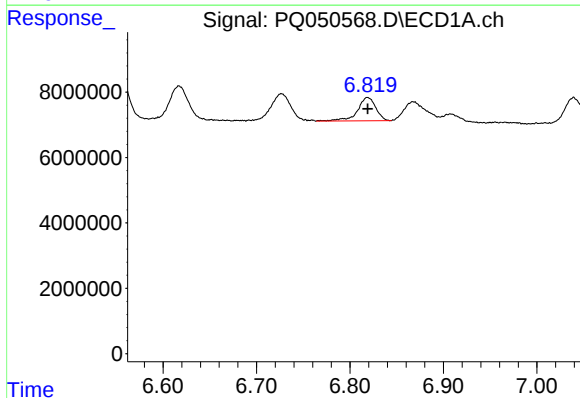
R.T.: 6.526 min
Delta R.T.: -0.001 min
Response: 17308442
Conc: 48.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



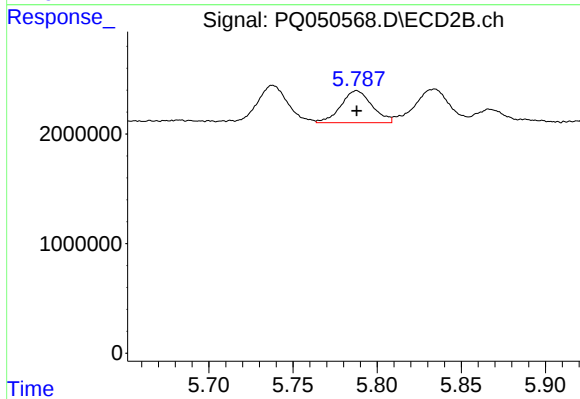
#21 AR-1248-1

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 5872247
Conc: 49.30 ng/ml



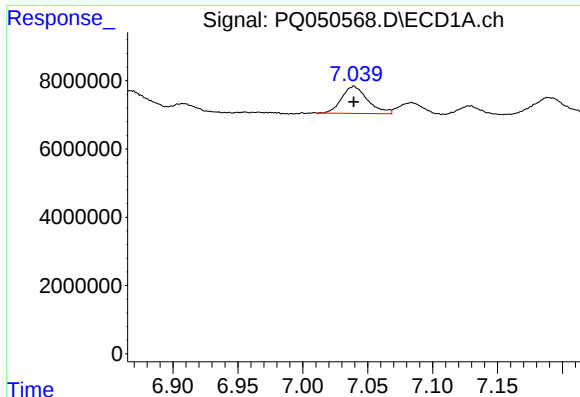
#22 AR-1248-2

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 9702175
Conc: 20.39 ng/ml



#22 AR-1248-2

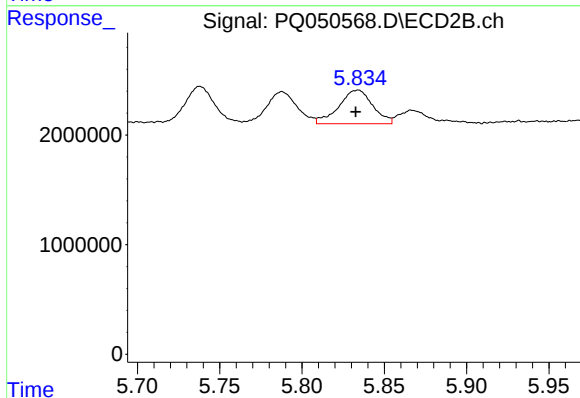
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 3781454
Conc: 24.83 ng/ml



#23 AR-1248-3

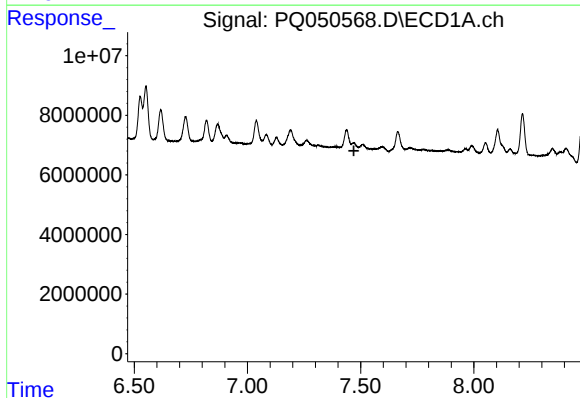
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 11117707
Conc: 21.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



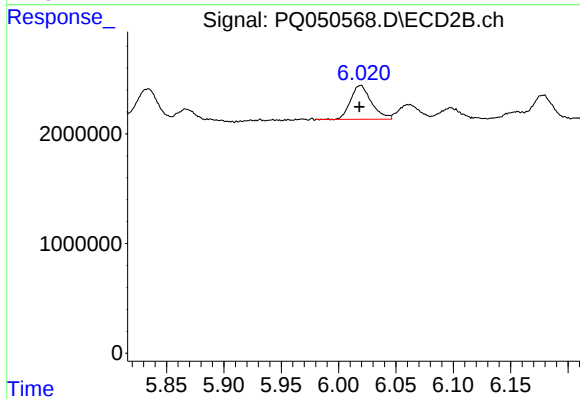
#23 AR-1248-3

R.T.: 5.834 min
Delta R.T.: 0.002 min
Response: 4421155
Conc: 28.01 ng/ml



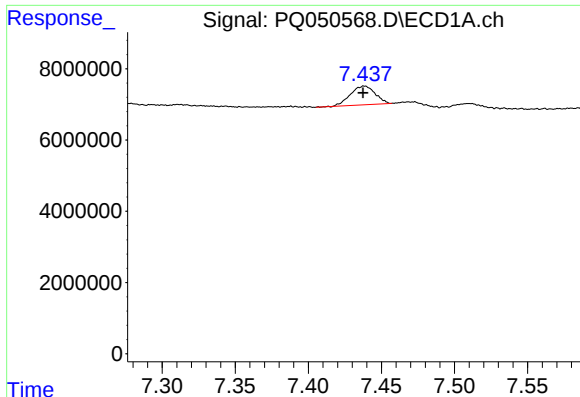
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 7.470 min
Response: 0
Conc: N.D.



#24 AR-1248-4

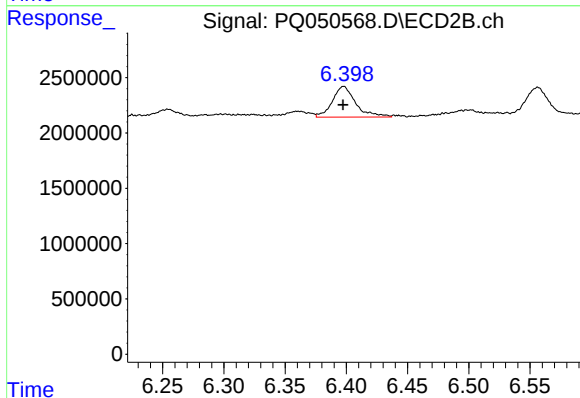
R.T.: 6.020 min
Delta R.T.: 0.001 min
Response: 3912796
Conc: 20.64 ng/ml



#26 AR-1254-1

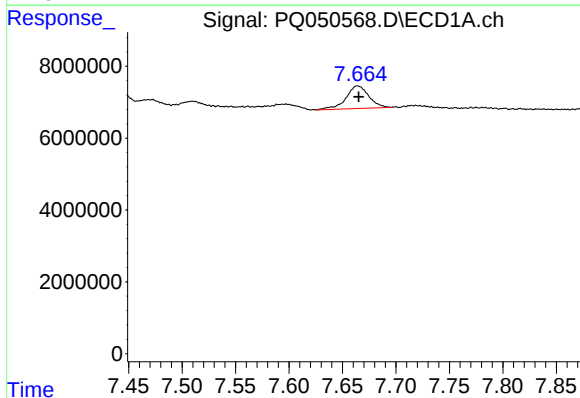
R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 6209260
Conc: 11.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



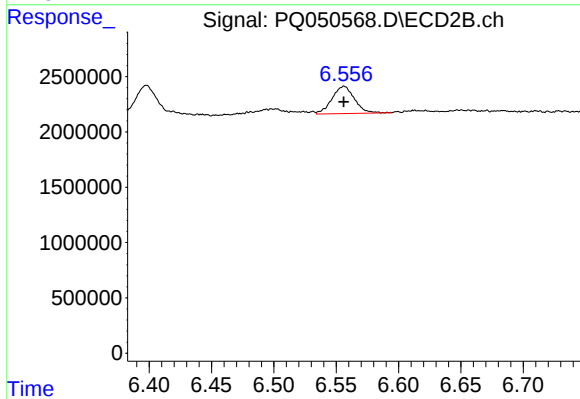
#26 AR-1254-1

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 3701030
Conc: 12.62 ng/ml



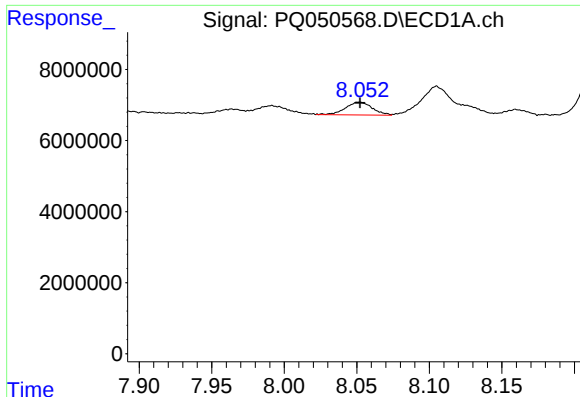
#27 AR-1254-2

R.T.: 7.664 min
Delta R.T.: -0.001 min
Response: 9356711
Conc: 11.04 ng/ml



#27 AR-1254-2

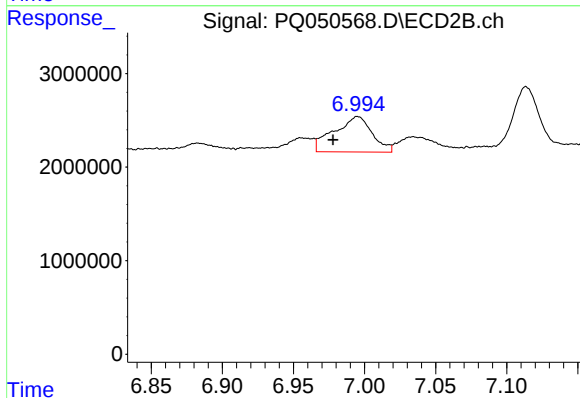
R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 3103281
Conc: 12.32 ng/ml



#28 AR-1254-3

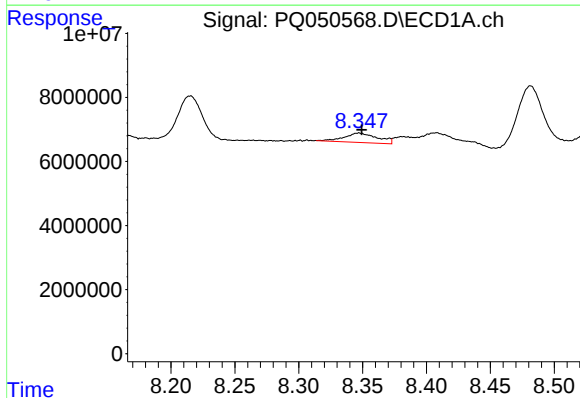
R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 4672055
Conc: 5.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



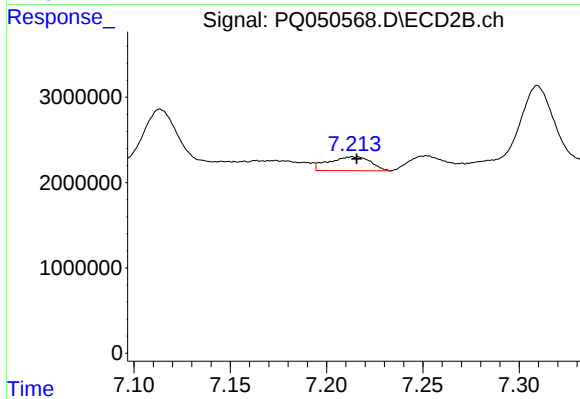
#28 AR-1254-3

R.T.: 6.995 min
Delta R.T.: 0.017 min
Response: 7066428
Conc: 16.99 ng/ml



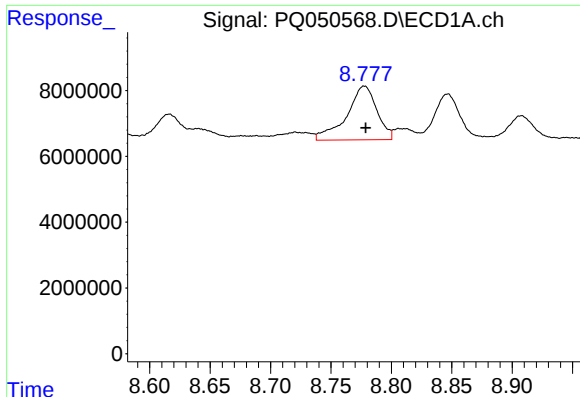
#29 AR-1254-4

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 5440251
Conc: 8.30 ng/ml



#29 AR-1254-4

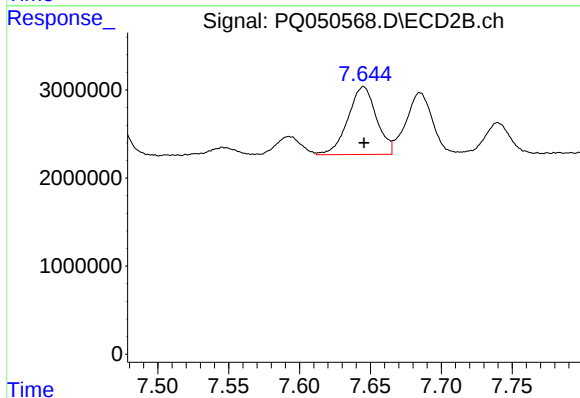
R.T.: 7.213 min
Delta R.T.: -0.002 min
Response: 2477198
Conc: 8.64 ng/ml



#30 AR-1254-5

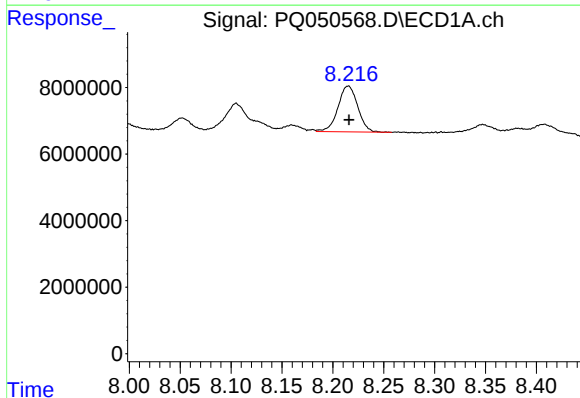
R.T.: 8.778 min
Delta R.T.: -0.001 min
Response: 28507071
Conc: 44.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



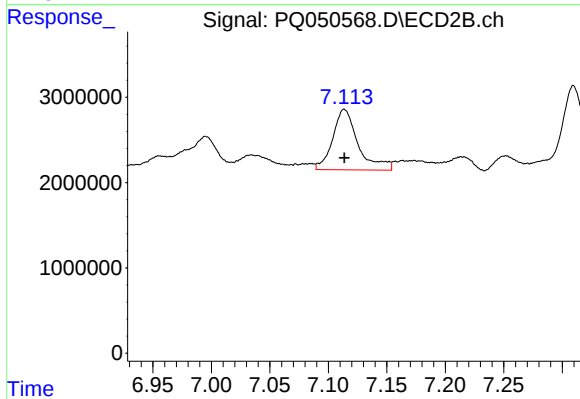
#30 AR-1254-5

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 10811439
Conc: 28.53 ng/ml



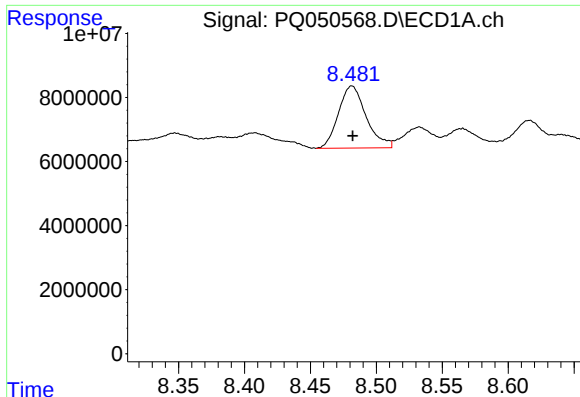
#31 AR-1260-1

R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 18668694
Conc: 24.26 ng/ml



#31 AR-1260-1

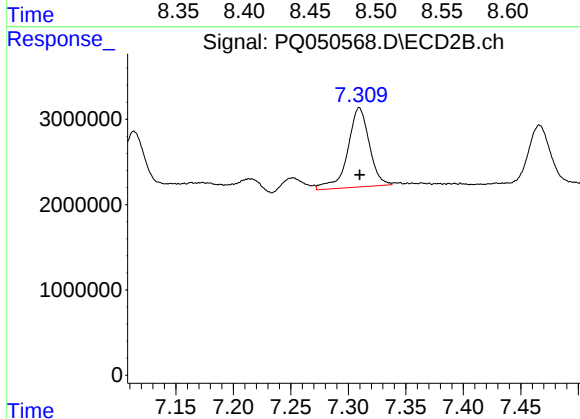
R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 10751620
Conc: 33.63 ng/ml



#32 AR-1260-2

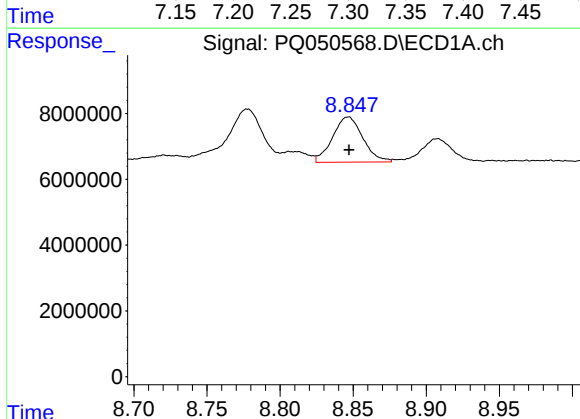
R.T.: 8.482 min
Delta R.T.: 0.000 min
Response: 28349932
Conc: 29.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



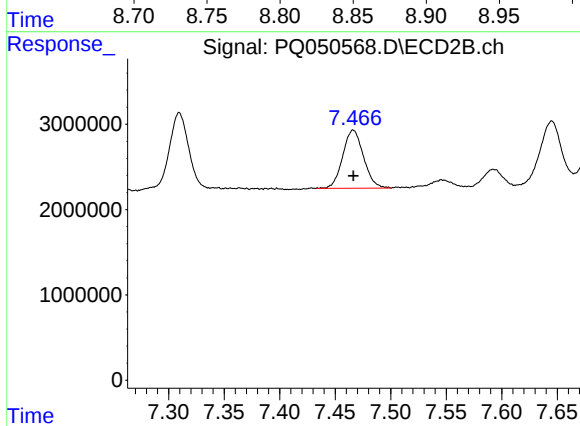
#32 AR-1260-2

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 12124924
Conc: 28.75 ng/ml



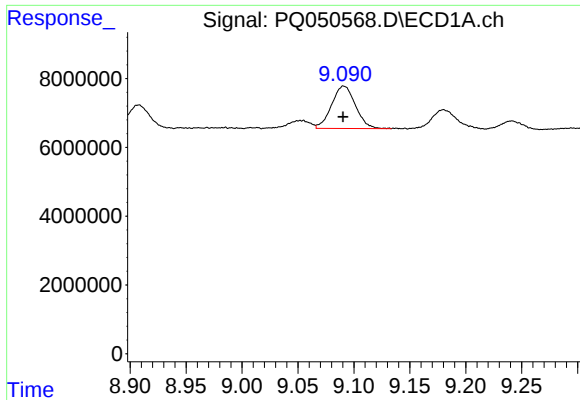
#33 AR-1260-3

R.T.: 8.847 min
Delta R.T.: 0.000 min
Response: 19781071
Conc: 27.55 ng/ml



#33 AR-1260-3

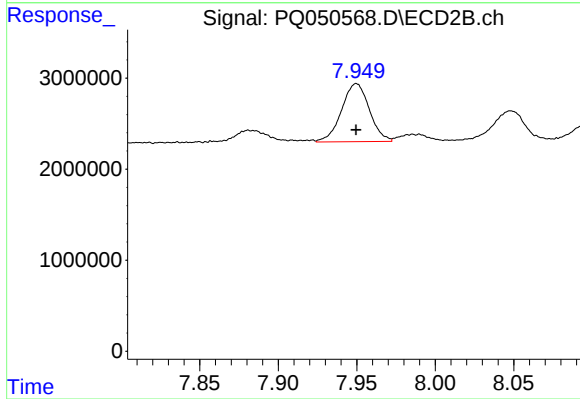
R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 8900151
Conc: 24.10 ng/ml



#34 AR-1260-4

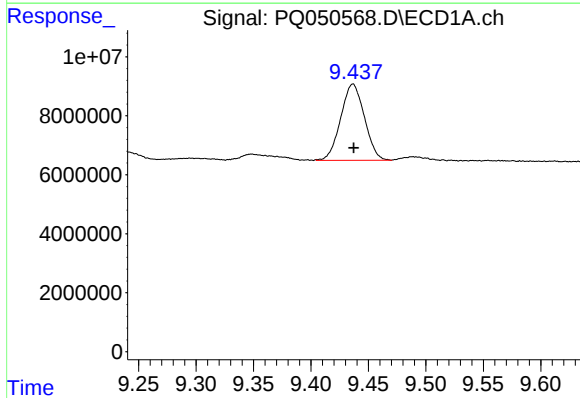
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 18341167
Conc: 25.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



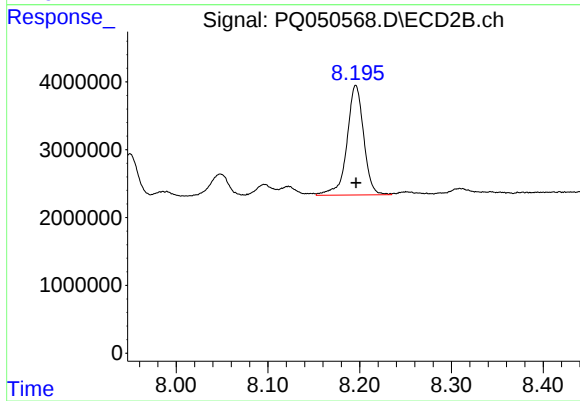
#34 AR-1260-4

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 7856190
Conc: 24.64 ng/ml



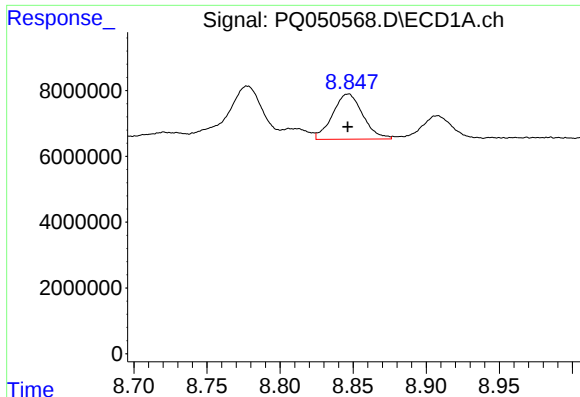
#35 AR-1260-5

R.T.: 9.437 min
Delta R.T.: 0.000 min
Response: 37167773
Conc: 24.78 ng/ml



#35 AR-1260-5

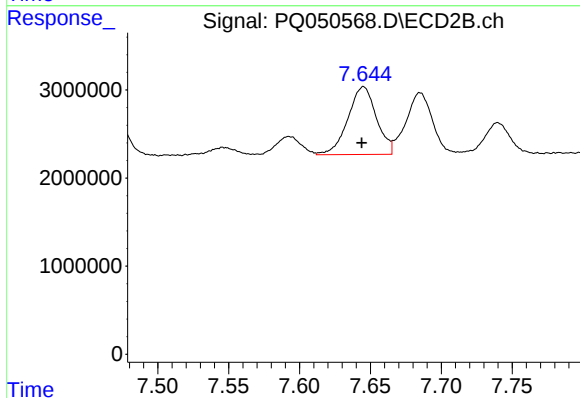
R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 20448598
Conc: 23.42 ng/ml



#36 AR-1262-1

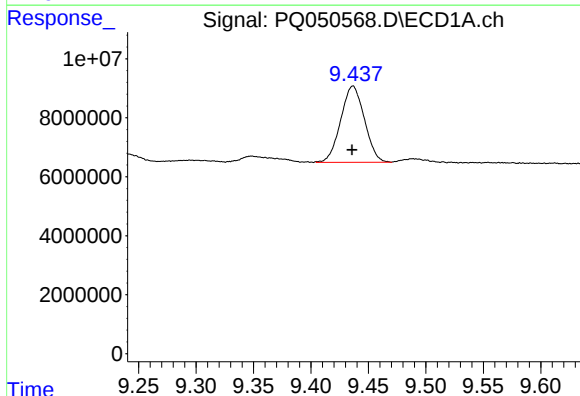
R.T.: 8.847 min
Delta R.T.: 0.000 min
Response: 19781071
Conc: 24.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



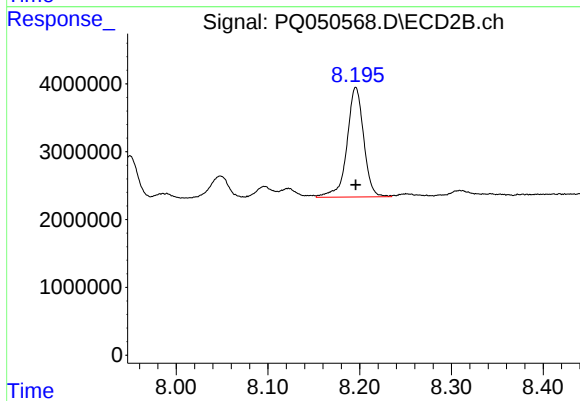
#36 AR-1262-1

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 10811439
Conc: 52.55 ng/ml



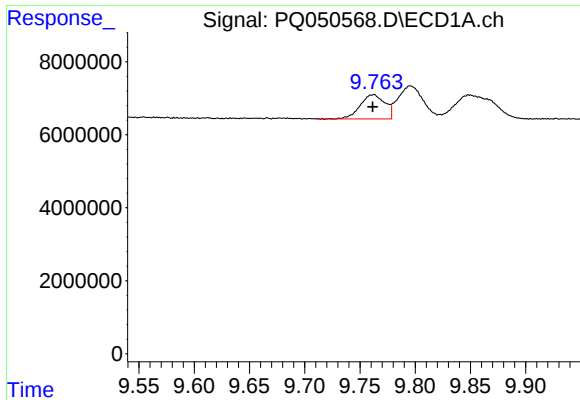
#37 AR-1262-2

R.T.: 9.437 min
Delta R.T.: 0.000 min
Response: 37167773
Conc: 27.68 ng/ml



#37 AR-1262-2

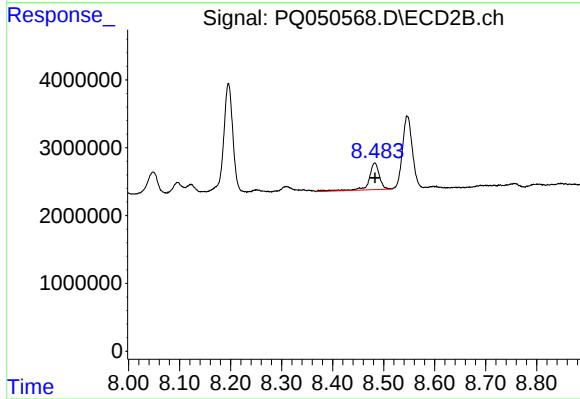
R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 20448598
Conc: 24.98 ng/ml



#38 AR-1262-3

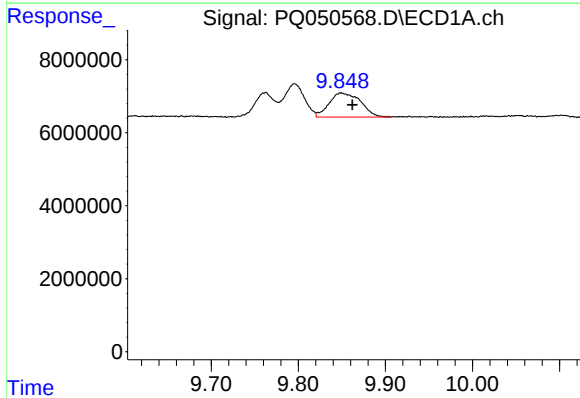
R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 10430929
Conc: 17.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



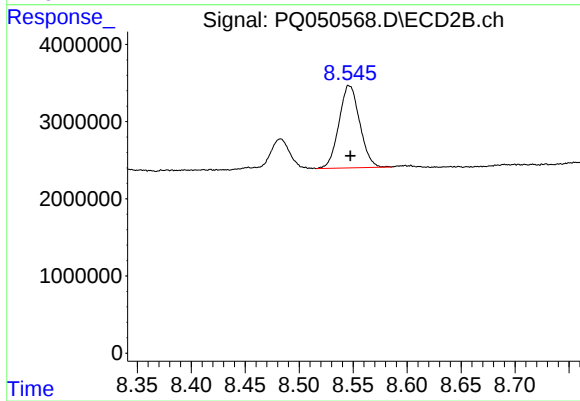
#38 AR-1262-3

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 5552401
Conc: 15.91 ng/ml



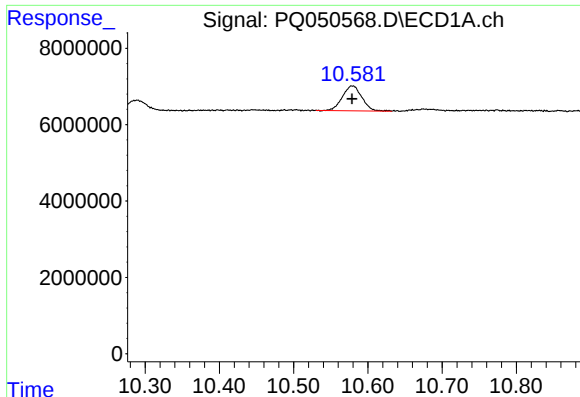
#39 AR-1262-4

R.T.: 9.849 min
Delta R.T.: -0.013 min
Response: 16588602
Conc: 23.27 ng/ml



#39 AR-1262-4

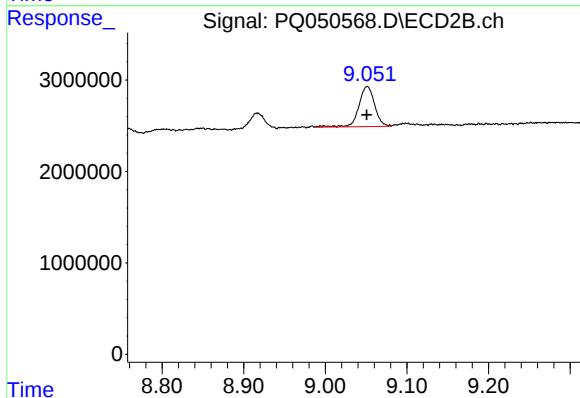
R.T.: 8.546 min
Delta R.T.: -0.001 min
Response: 14271666
Conc: 24.50 ng/ml



#40 AR-1262-5

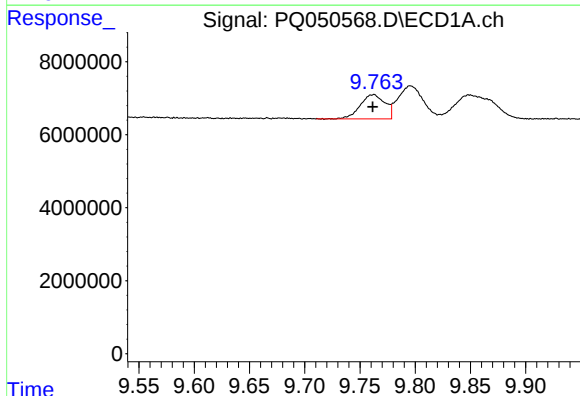
R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 11809148
Conc: 24.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



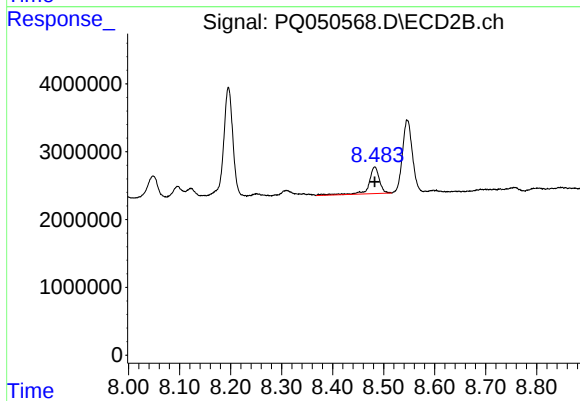
#40 AR-1262-5

R.T.: 9.051 min
Delta R.T.: 0.000 min
Response: 5899565
Conc: 20.62 ng/ml



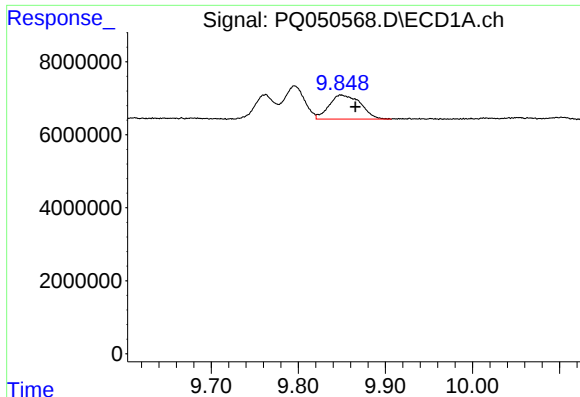
#41 AR-1268-1

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 10430929
Conc: 6.94 ng/ml



#41 AR-1268-1

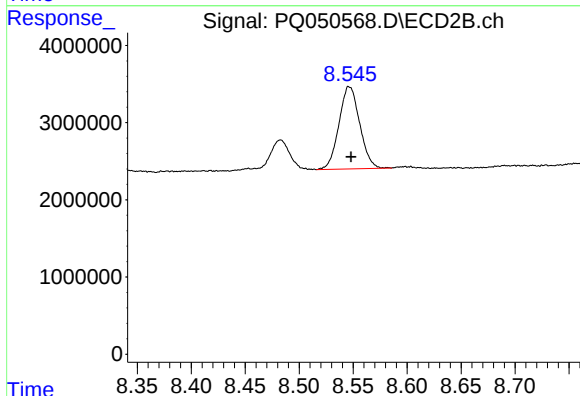
R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 5552401
Conc: 5.85 ng/ml



#42 AR-1268-2

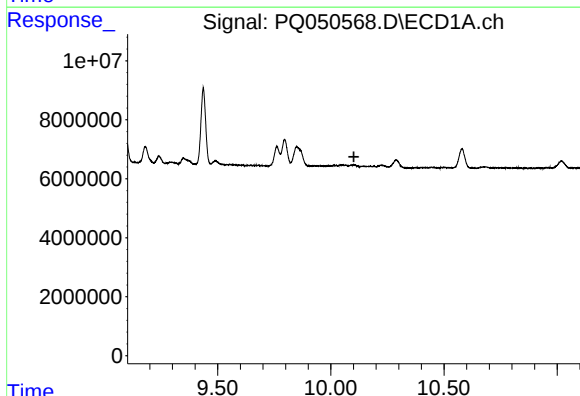
R.T.: 9.849 min
Delta R.T.: -0.016 min
Response: 16588602
Conc: 11.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



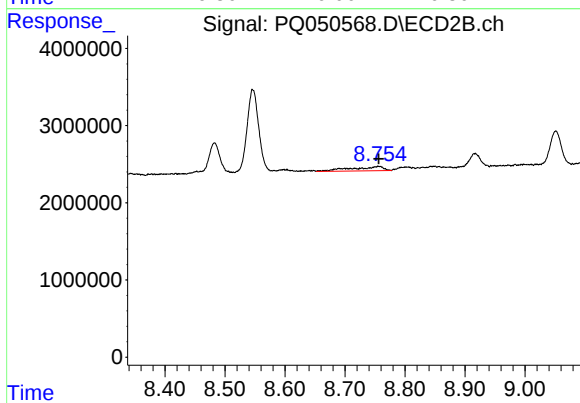
#42 AR-1268-2

R.T.: 8.546 min
Delta R.T.: -0.002 min
Response: 14271666
Conc: 17.13 ng/ml



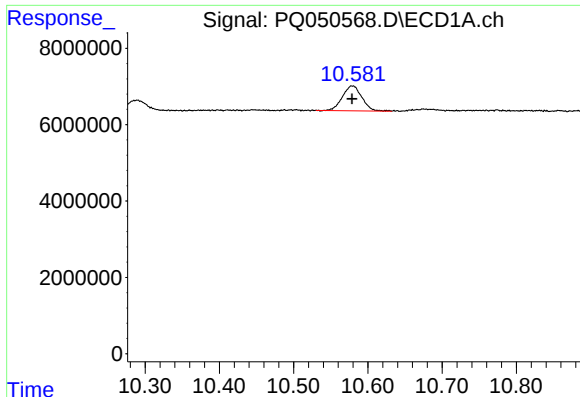
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.102 min
Response: 0
Conc: N.D.



#43 AR-1268-3

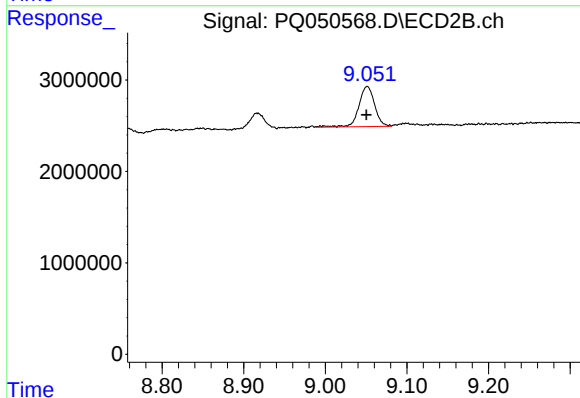
R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 2073139
Conc: 2.93 ng/ml



#44 AR-1268-4

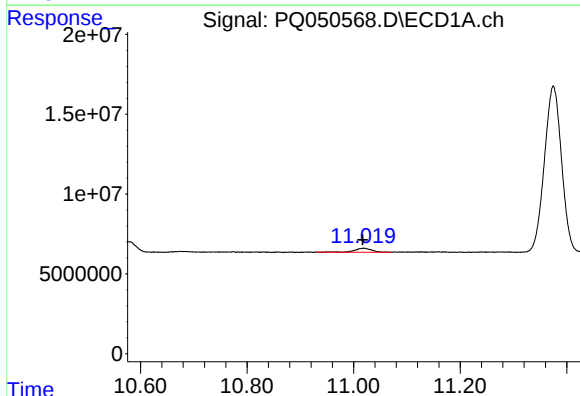
R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 11809148
Conc: 22.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



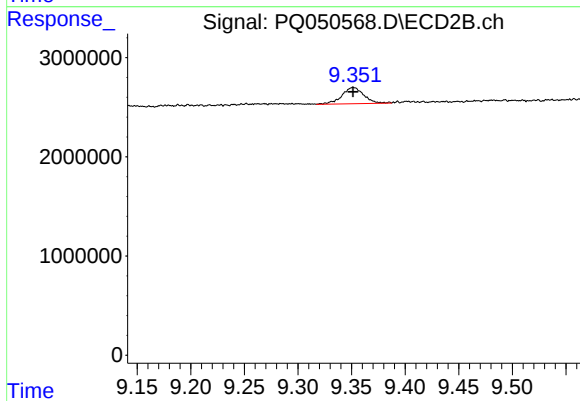
#44 AR-1268-4

R.T.: 9.051 min
Delta R.T.: 0.000 min
Response: 5899565
Conc: 19.21 ng/ml



#45 AR-1268-5

R.T.: 11.019 min
Delta R.T.: 0.002 min
Response: 5826000
Conc: 1.81 ng/ml



#45 AR-1268-5

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 2347569
Conc: 1.12 ng/ml