

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101520\
 Data File : PQ050453.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2020 11:47
 Operator : DD\AJ
 Sample : L4383-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 14:41:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 14 13:34:07 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...	5.204	4.268	393.4E6	117.6E6	28.913	28.145
2)	SA Decachlor...	11.392	9.620	246.5E6	148.9E6	24.023	19.450
Target Compounds							
3)	L1 AR-1016-1	6.538	5.529	141.6E6	49082875	271.699	256.507
4)	L1 AR-1016-2	6.561	5.550	196.0E6	67208085	264.660	257.194
5)	L1 AR-1016-3	6.627	5.743	121.9E6	36270998	270.360	258.008
6)	L1 AR-1016-4	6.737	5.794	102.3E6	28042491	271.041	254.468
7)	L1 AR-1016-5	7.050	6.027	97501979	25605761	268.834	172.958 #
8)	L2 AR-1221-1	5.457	4.523	12368340	3889576	96.232	99.354
9)	L2 AR-1221-2	5.560	4.625	20871189	5732915	216.143	195.668
10)	L2 AR-1221-3	5.649	4.714	71734662	21732792	240.001	228.601
11)	L3 AR-1232-1	5.649	4.714	71734662	21732792	261.901	246.334
12)	L3 AR-1232-2	6.241	5.550	94478685	67208085	677.063	650.535
13)	L3 AR-1232-3	6.561	5.743	196.0E6	36270998	670.494	664.582
14)	L3 AR-1232-4	6.737	5.838	102.3E6	34653793	682.377	730.764
15)	L3 AR-1232-5	6.829	6.027	87389740	25605761	796.420	479.937 #
16)	L4 AR-1242-1	6.538	5.529	141.6E6	49082875	374.324	359.494
17)	L4 AR-1242-2	6.561	5.550	196.0E6	67208085	366.688	360.940
18)	L4 AR-1242-3	6.627	5.743	121.9E6	36270998	372.362	362.029
19)	L4 AR-1242-4	6.737	5.838	102.3E6	34653793	374.465	363.979
20)	L4 AR-1242-5	7.520	6.403	14391860	35816690	47.847	258.246 #
21)	L5 AR-1248-1	6.538	5.529	141.6E6	49082875	382.813	381.228
22)	L5 AR-1248-2	6.829	5.794	87389740	28042491	171.631	157.308
23)	L5 AR-1248-3	7.050	5.838	97501979	34653793	176.087	188.121
24)	L5 AR-1248-4	7.478	6.027	15023452	25605761	23.547	113.698 #
25)	L5 AR-1248-5	7.520	6.445	14391860	5531898	23.427	23.024
26)	L6 AR-1254-1	7.448	6.403	79902986	35816690	164.376	123.873
27)	L6 AR-1254-2	7.674	6.562	76473346	31192672	101.948	120.736
28)	L6 AR-1254-3	8.062	7.001f	45534155	63955639	60.030	147.838 #
29)	L6 AR-1254-4	8.357	7.221	48981152	10420540	81.785	33.338 #
30)	L6 AR-1254-5	8.789	7.651	224.0E6	118.1E6	387.447	282.888 #
31)	L7 AR-1260-1	8.226	7.120	159.0E6	87890853	261.867	279.160
32)	L7 AR-1260-2	8.492	7.316	197.5E6	105.5E6	276.940	244.734
33)	L7 AR-1260-3	8.857	7.472	123.1E6	91303906	223.710	242.989
34)	L7 AR-1260-4	9.101	7.956	135.6E6	85337543	234.078	252.618
35)	L7 AR-1260-5	9.447	8.202	264.5E6	182.7E6	228.628	191.730
36)	L8 AR-1262-1	8.857	7.651	123.1E6	118.1E6	174.580	516.592 #
37)	L8 AR-1262-2	9.447	8.202	264.5E6	182.7E6	227.527	192.540
38)	L8 AR-1262-3	9.775	8.489	61483657	38324395	114.701	97.446
39)	L8 AR-1262-4	9.862	8.552	103.7E6	123.2E6	162.267	179.689
40)	L8 AR-1262-5	10.594	9.058	70401462	39761932	158.890	115.245 #
41)	L9 AR-1268-1	9.775	8.489	61483657	38324395	46.372	33.941 #

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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

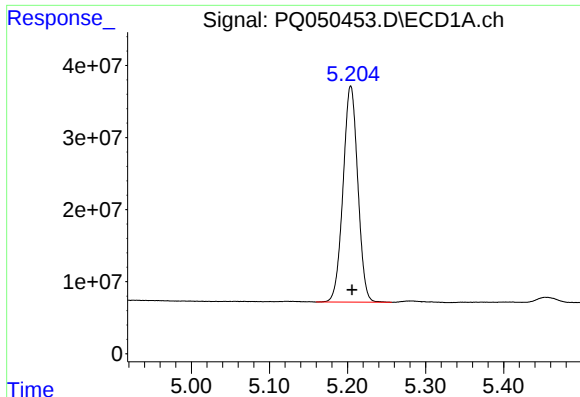
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
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 Quant Time: Oct 15 14:41:33 2020
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.775	8.552	61483657	123.2E6	46.372	124.164 #
43) L9	AR-1268-3	10.115	8.764	6817868	4699963	6.637	5.577
44) L9	AR-1268-4	10.594	9.058	70401462	39761932	145.731	105.107 #
45) L9	AR-1268-5	11.035	9.359	26862601	13707572	9.172	5.254 #

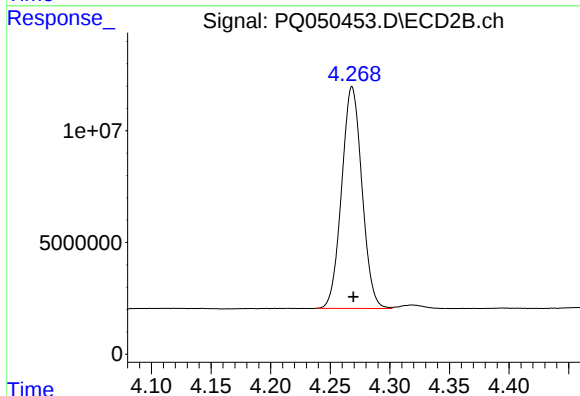
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

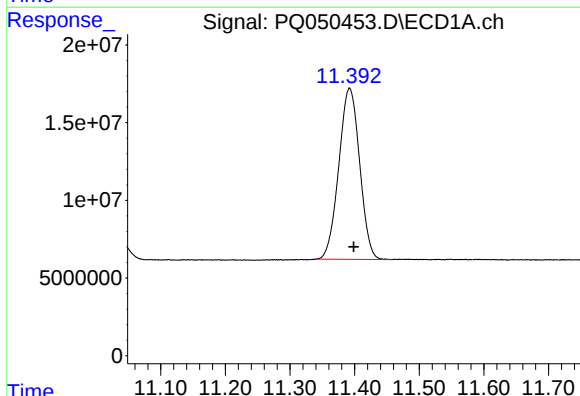
R.T.: 5.204 min
Delta R.T.: -0.002 min
Response: 393376700
Conc: 28.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



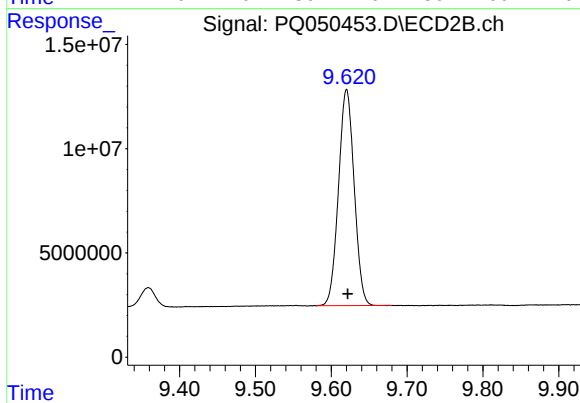
#1 Tetrachloro-m-xylene

R.T.: 4.268 min
Delta R.T.: -0.001 min
Response: 117610265
Conc: 28.14 ng/ml



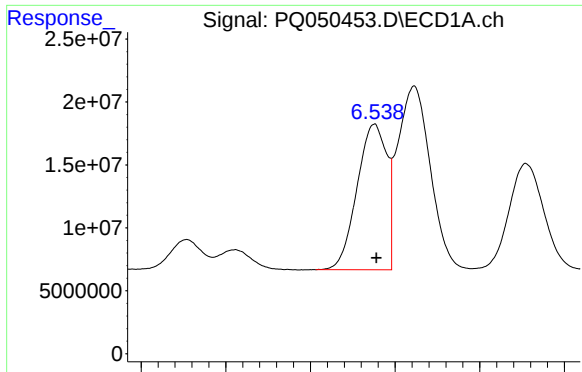
#2 Decachlorobiphenyl

R.T.: 11.392 min
Delta R.T.: -0.006 min
Response: 246504720
Conc: 24.02 ng/ml



#2 Decachlorobiphenyl

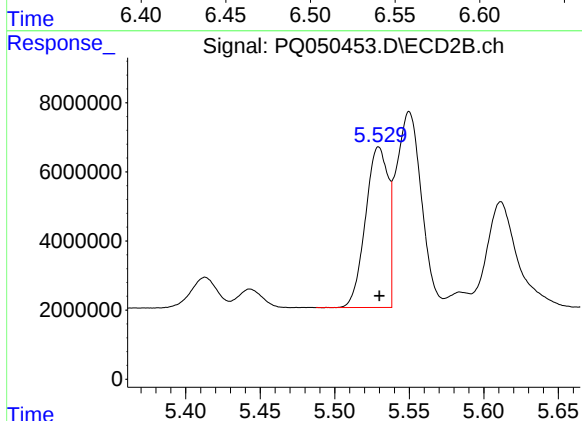
R.T.: 9.620 min
Delta R.T.: -0.001 min
Response: 148874608
Conc: 19.45 ng/ml



#3 AR-1016-1

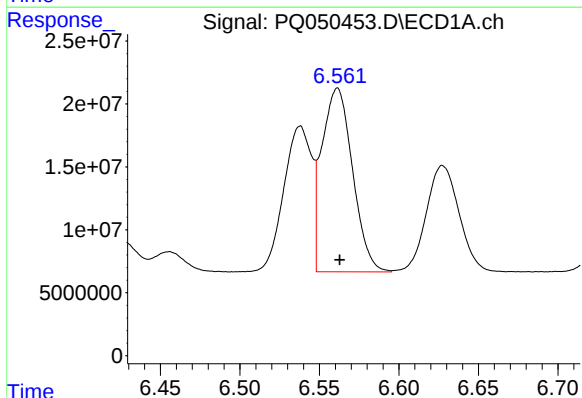
R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 141591447
Conc: 271.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



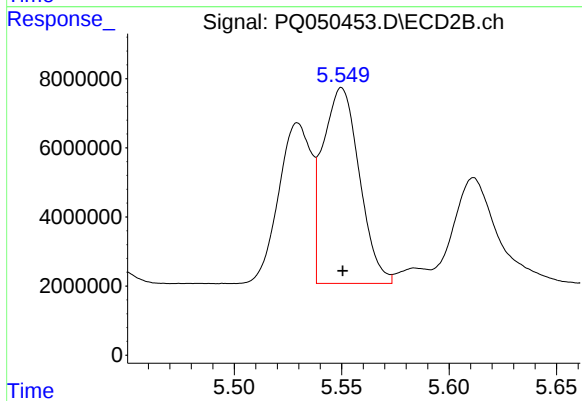
#3 AR-1016-1

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 49082875
Conc: 256.51 ng/ml



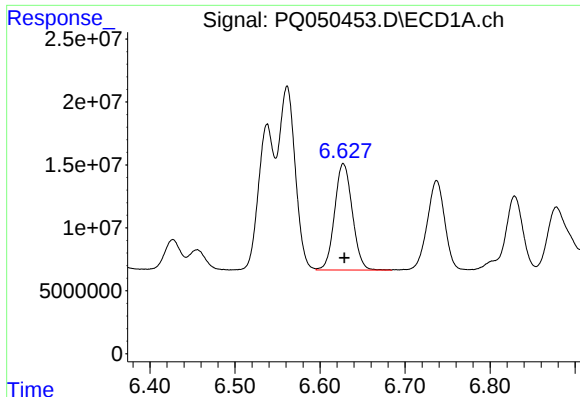
#4 AR-1016-2

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 195951207
Conc: 264.66 ng/ml



#4 AR-1016-2

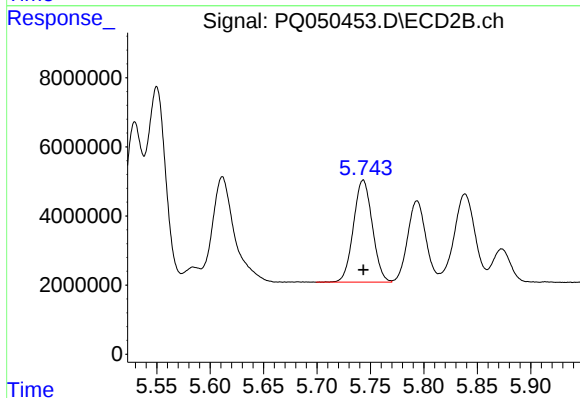
R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 67208085
Conc: 257.19 ng/ml



#5 AR-1016-3

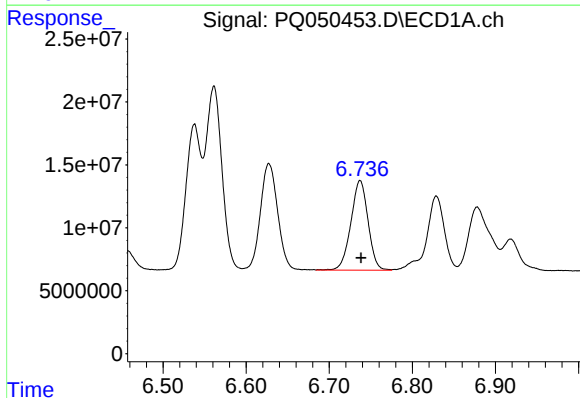
R.T.: 6.627 min
Delta R.T.: -0.001 min
Response: 121932124
Conc: 270.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



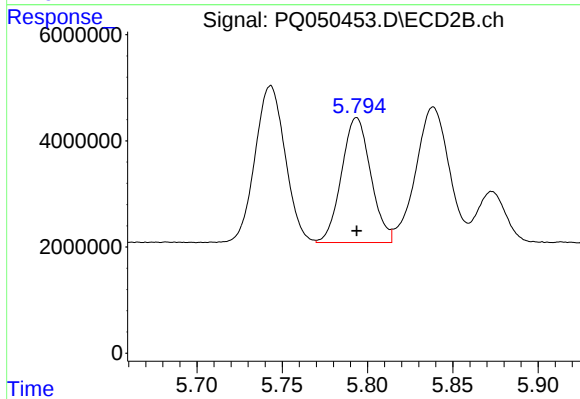
#5 AR-1016-3

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 36270998
Conc: 258.01 ng/ml



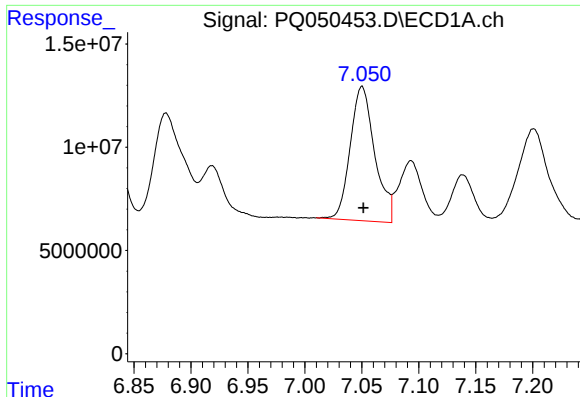
#6 AR-1016-4

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 102292879
Conc: 271.04 ng/ml



#6 AR-1016-4

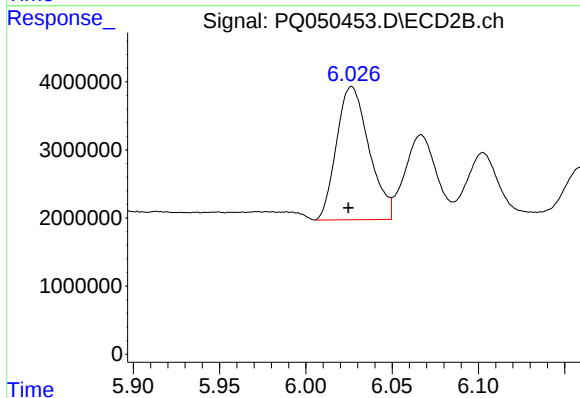
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 28042491
Conc: 254.47 ng/ml



#7 AR-1016-5

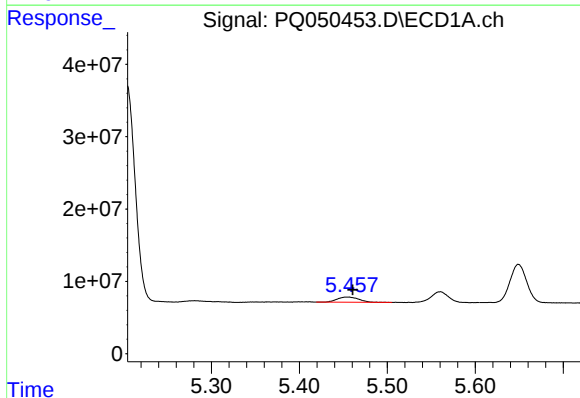
R.T.: 7.050 min
Delta R.T.: -0.001 min
Response: 97501979
Conc: 268.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



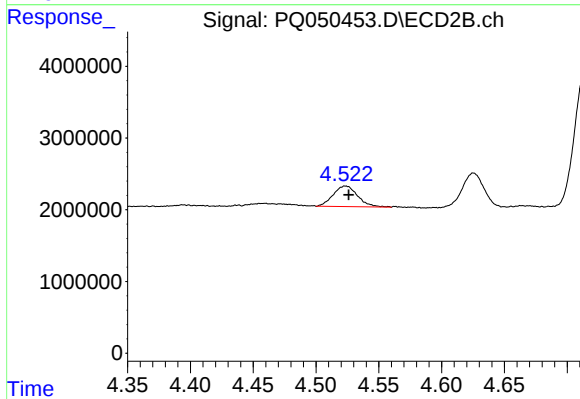
#7 AR-1016-5

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 25605761
Conc: 172.96 ng/ml



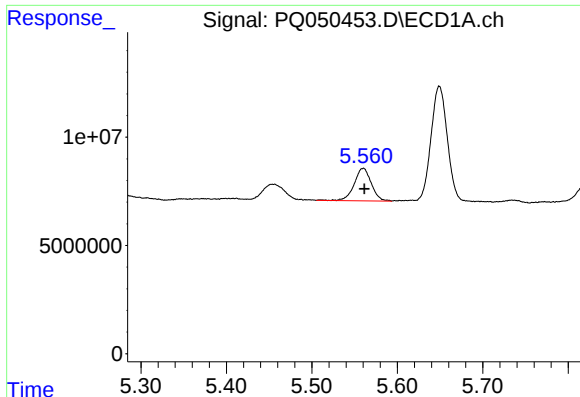
#8 AR-1221-1

R.T.: 5.457 min
Delta R.T.: -0.004 min
Response: 12368340
Conc: 96.23 ng/ml



#8 AR-1221-1

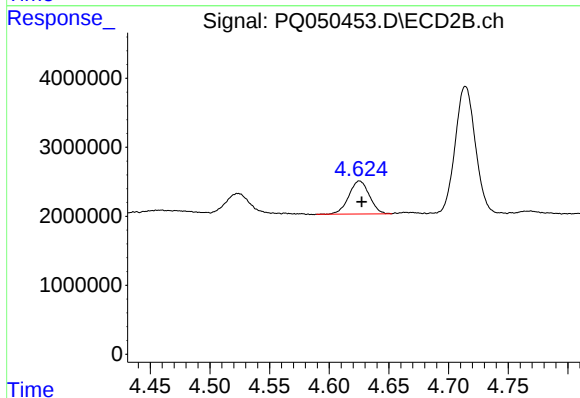
R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 3889576
Conc: 99.35 ng/ml



#9 AR-1221-2

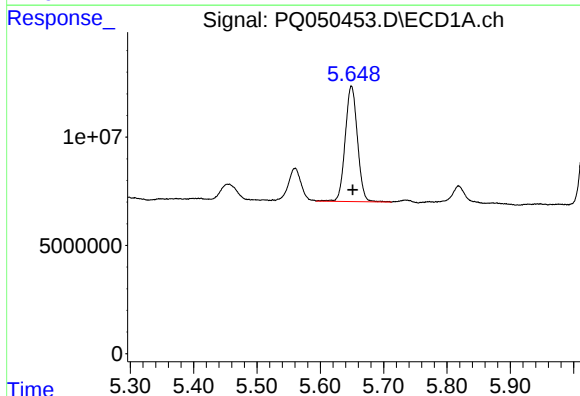
R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 20871189
Conc: 216.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



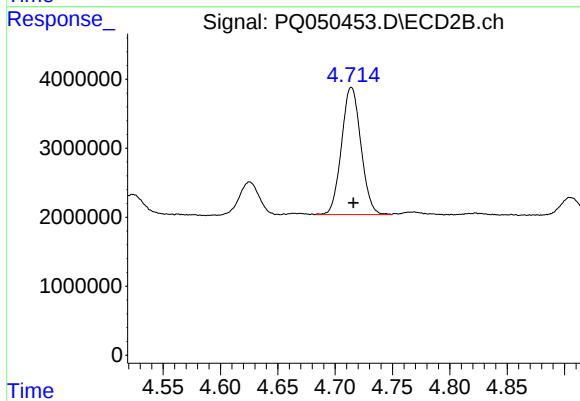
#9 AR-1221-2

R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 5732915
Conc: 195.67 ng/ml



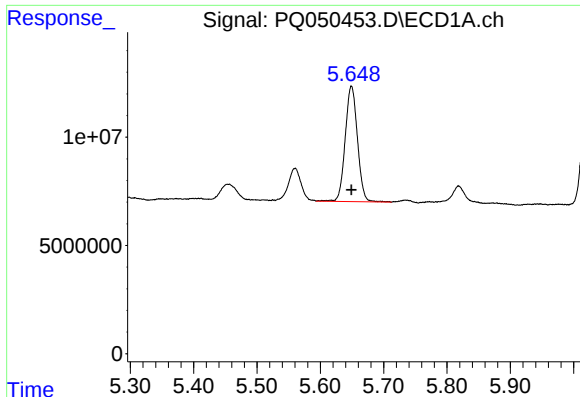
#10 AR-1221-3

R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 71734662
Conc: 240.00 ng/ml



#10 AR-1221-3

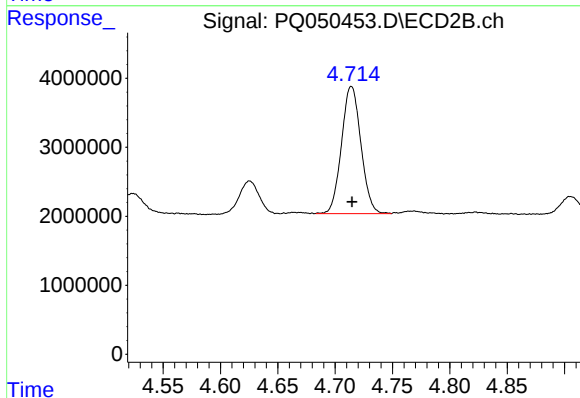
R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 21732792
Conc: 228.60 ng/ml



#11 AR-1232-1

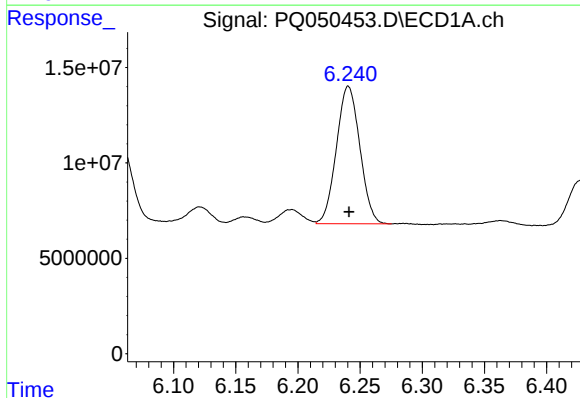
R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 71734662
Conc: 261.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



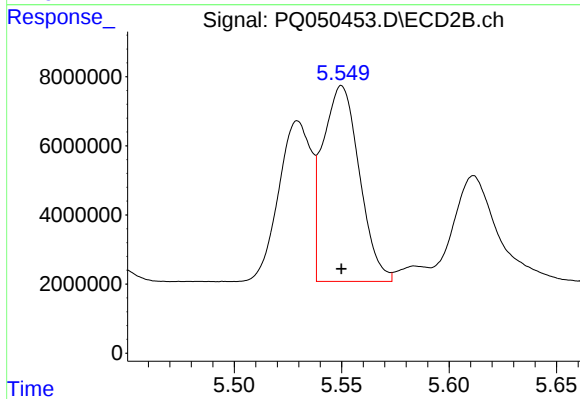
#11 AR-1232-1

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 21732792
Conc: 246.33 ng/ml



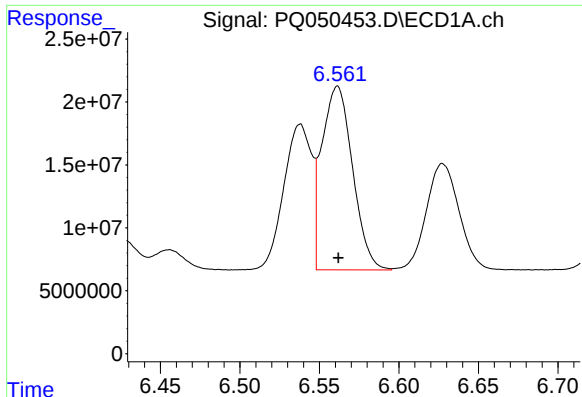
#12 AR-1232-2

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 94478685
Conc: 677.06 ng/ml



#12 AR-1232-2

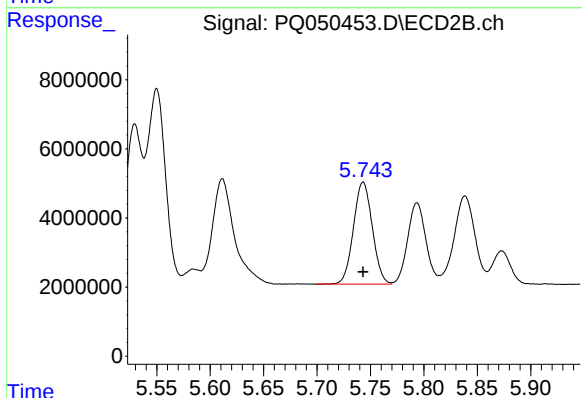
R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 67208085
Conc: 650.54 ng/ml



#13 AR-1232-3

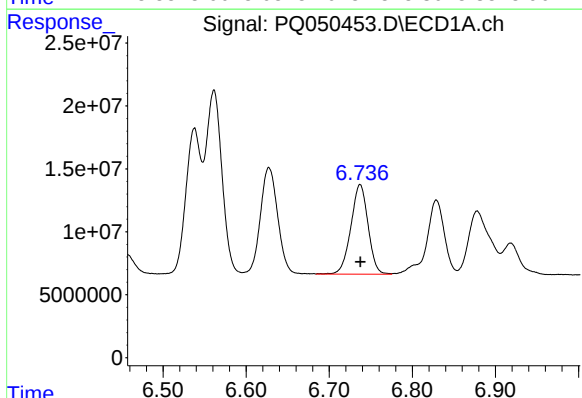
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 195951207
Conc: 670.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



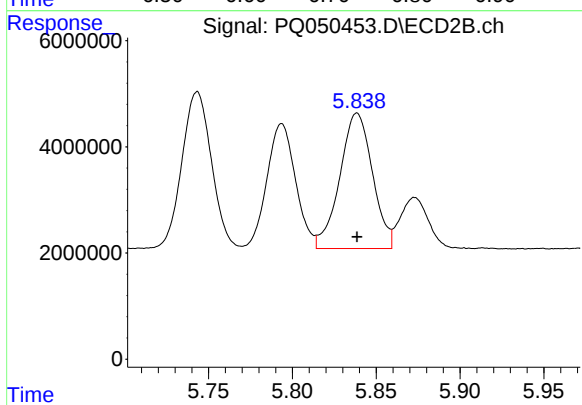
#13 AR-1232-3

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 36270998
Conc: 664.58 ng/ml



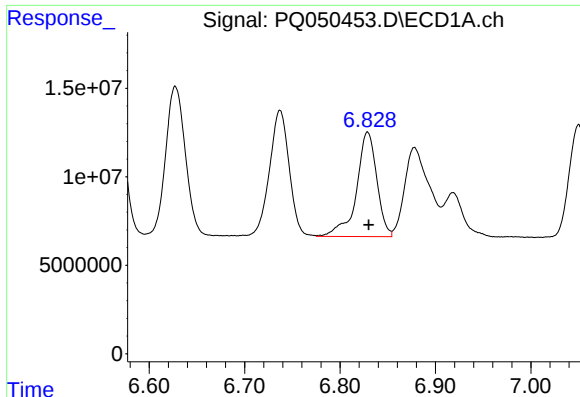
#14 AR-1232-4

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 102292879
Conc: 682.38 ng/ml



#14 AR-1232-4

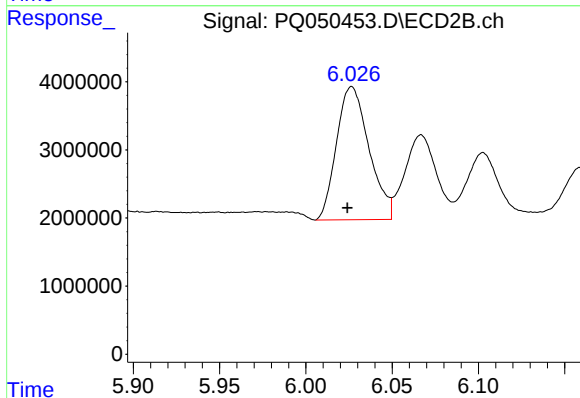
R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 34653793
Conc: 730.76 ng/ml



#15 AR-1232-5

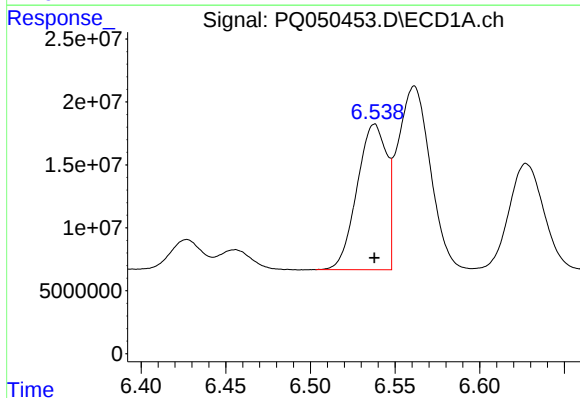
R.T.: 6.829 min
Delta R.T.: -0.001 min
Response: 87389740
Conc: 796.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



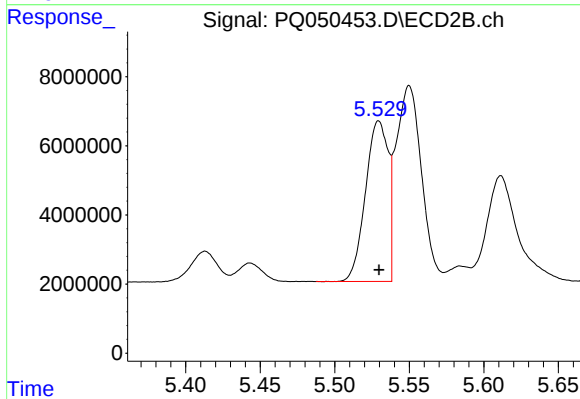
#15 AR-1232-5

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 25605761
Conc: 479.94 ng/ml



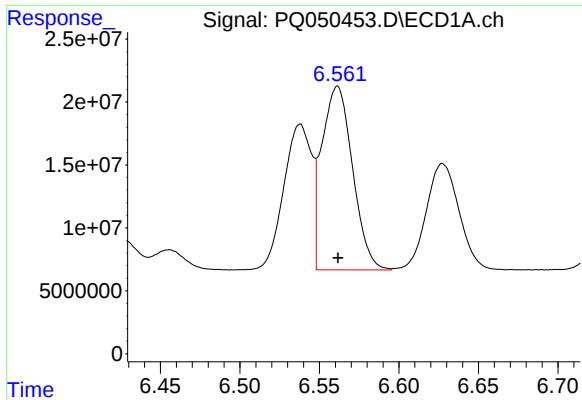
#16 AR-1242-1

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 141591447
Conc: 374.32 ng/ml



#16 AR-1242-1

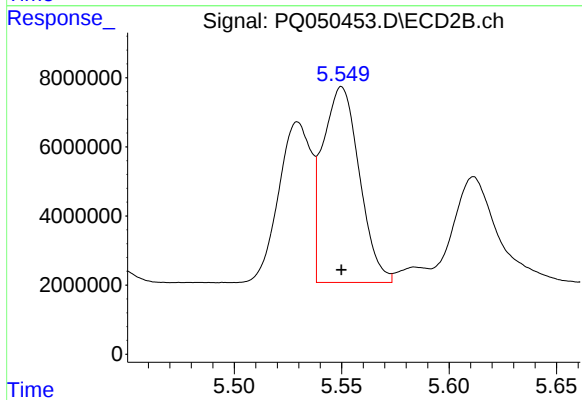
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 49082875
Conc: 359.49 ng/ml



#17 AR-1242-2

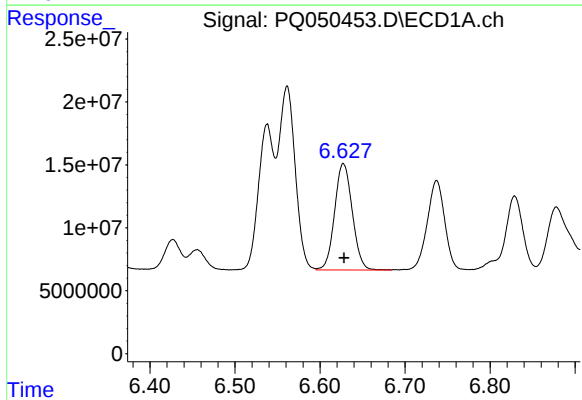
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 195951207
Conc: 366.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



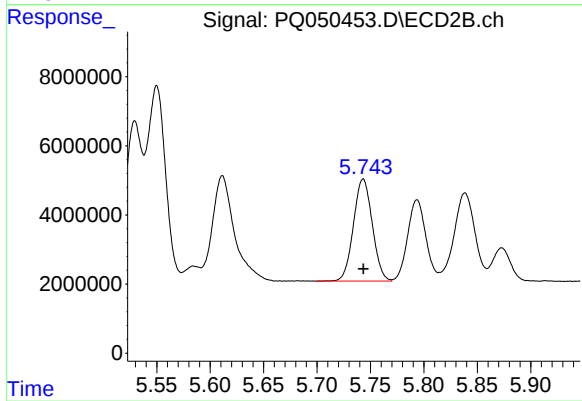
#17 AR-1242-2

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 67208085
Conc: 360.94 ng/ml



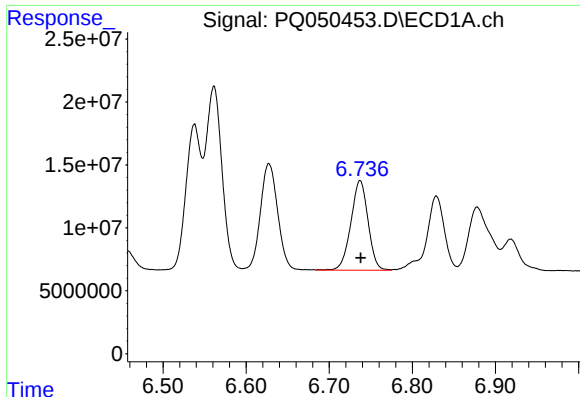
#18 AR-1242-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 121932124
Conc: 372.36 ng/ml



#18 AR-1242-3

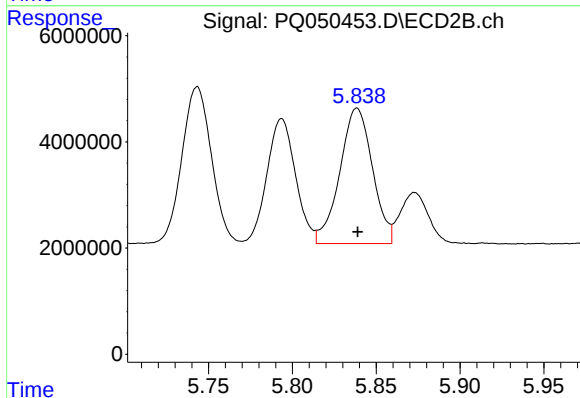
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 36270998
Conc: 362.03 ng/ml



#19 AR-1242-4

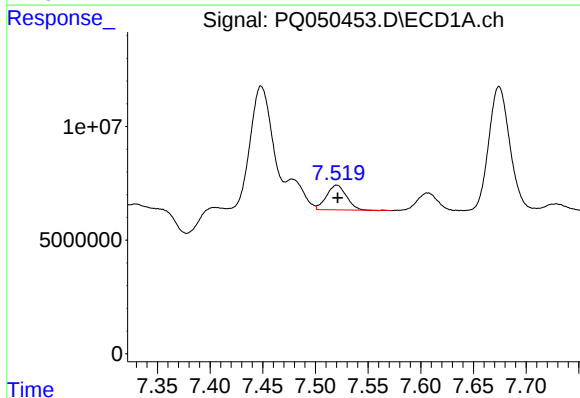
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 102292879
Conc: 374.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



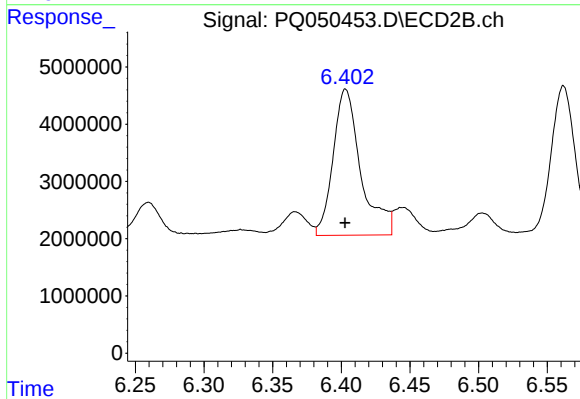
#19 AR-1242-4

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 34653793
Conc: 363.98 ng/ml



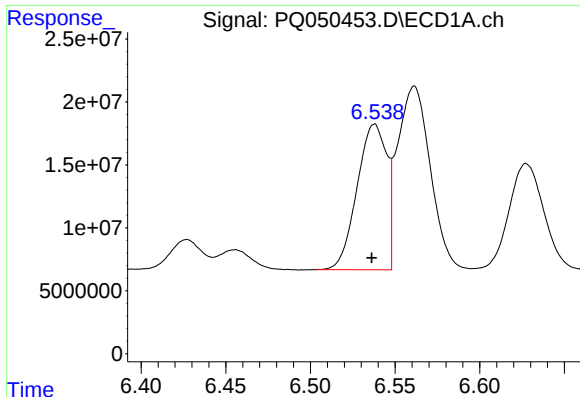
#20 AR-1242-5

R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 14391860
Conc: 47.85 ng/ml



#20 AR-1242-5

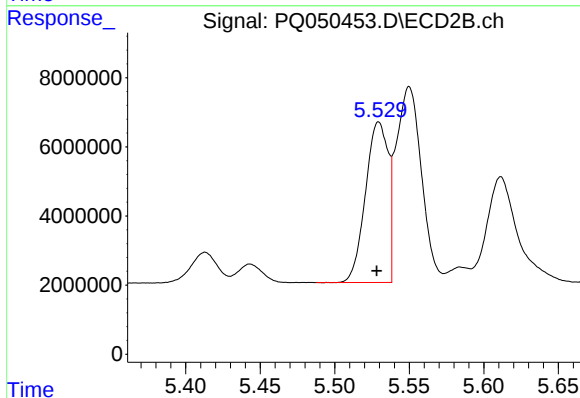
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 35816690
Conc: 258.25 ng/ml



#21 AR-1248-1

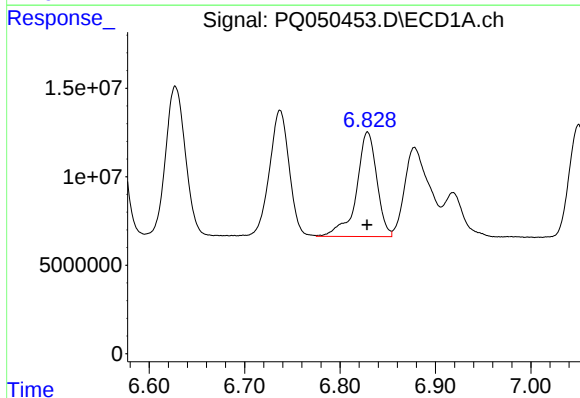
R.T.: 6.538 min
Delta R.T.: 0.002 min
Response: 141591447
Conc: 382.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



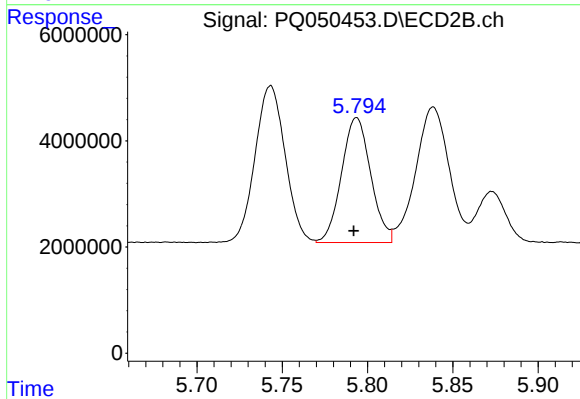
#21 AR-1248-1

R.T.: 5.529 min
Delta R.T.: 0.001 min
Response: 49082875
Conc: 381.23 ng/ml



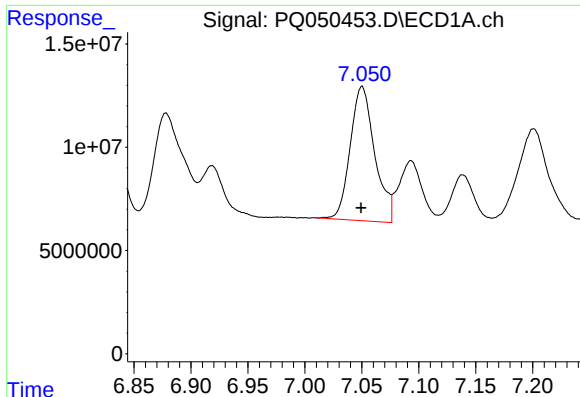
#22 AR-1248-2

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 87389740
Conc: 171.63 ng/ml



#22 AR-1248-2

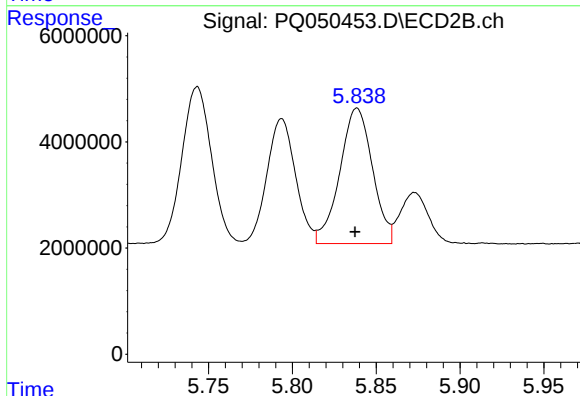
R.T.: 5.794 min
Delta R.T.: 0.002 min
Response: 28042491
Conc: 157.31 ng/ml



#23 AR-1248-3

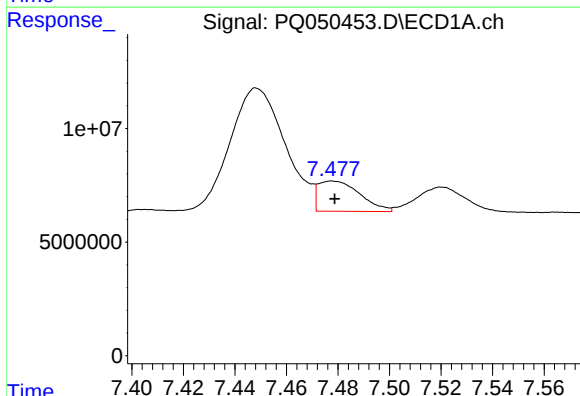
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 97501979
Conc: 176.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



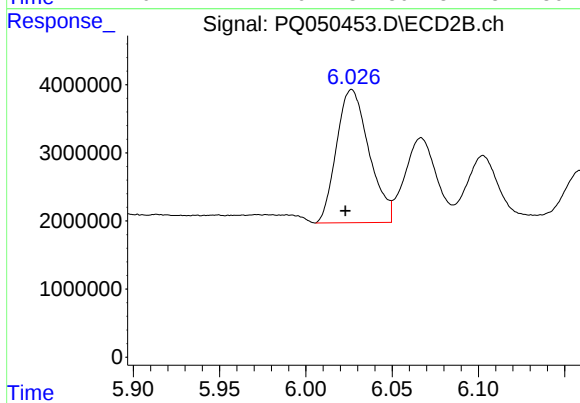
#23 AR-1248-3

R.T.: 5.838 min
Delta R.T.: 0.001 min
Response: 34653793
Conc: 188.12 ng/ml



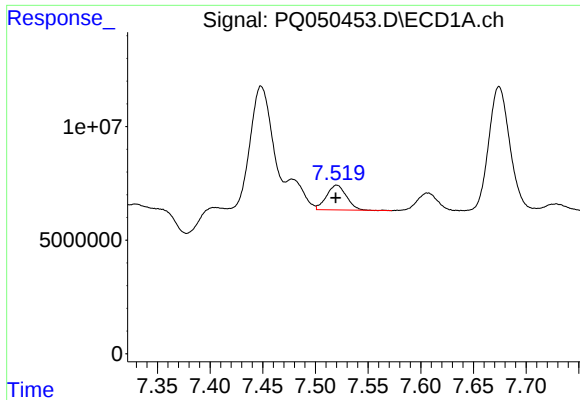
#24 AR-1248-4

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 15023452
Conc: 23.55 ng/ml



#24 AR-1248-4

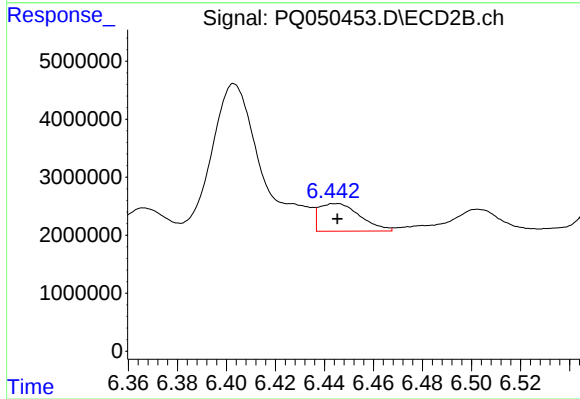
R.T.: 6.027 min
Delta R.T.: 0.004 min
Response: 25605761
Conc: 113.70 ng/ml



#25 AR-1248-5

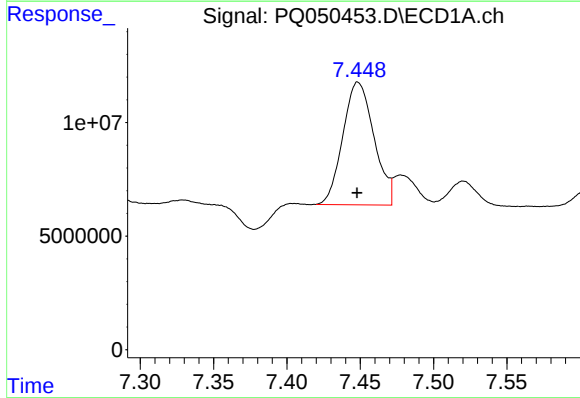
R.T.: 7.520 min
Delta R.T.: 0.001 min
Response: 14391860
Conc: 23.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



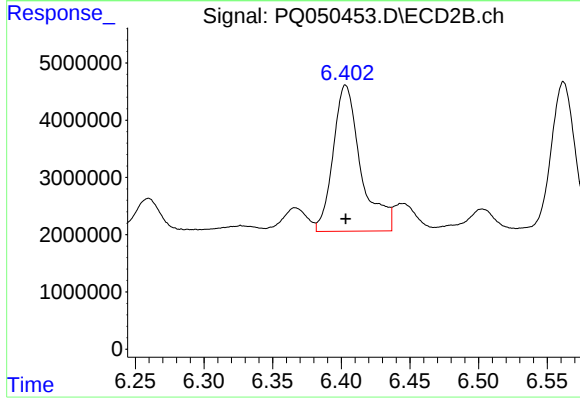
#25 AR-1248-5

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 5531898
Conc: 23.02 ng/ml



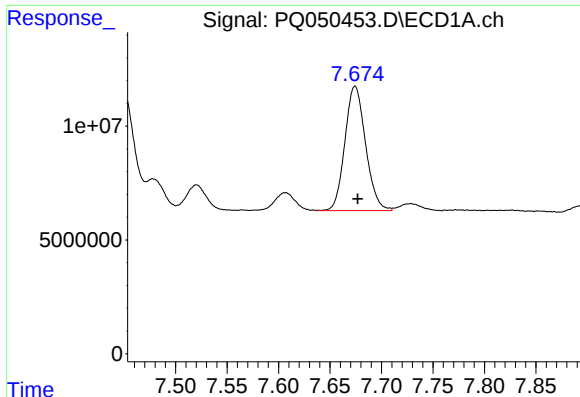
#26 AR-1254-1

R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 79902986
Conc: 164.38 ng/ml



#26 AR-1254-1

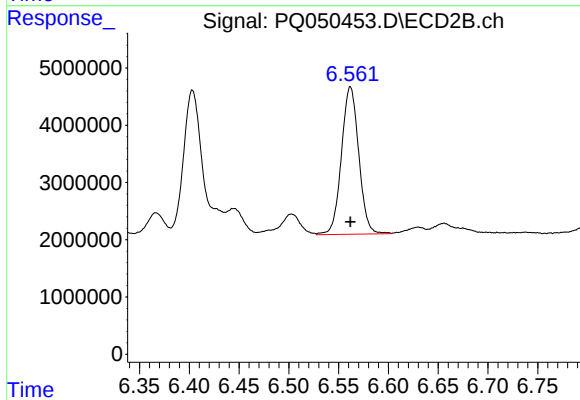
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 35816690
Conc: 123.87 ng/ml



#27 AR-1254-2

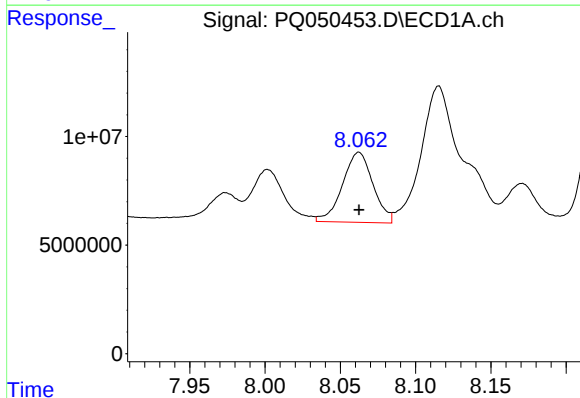
R.T.: 7.674 min
Delta R.T.: -0.003 min
Response: 76473346
Conc: 101.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



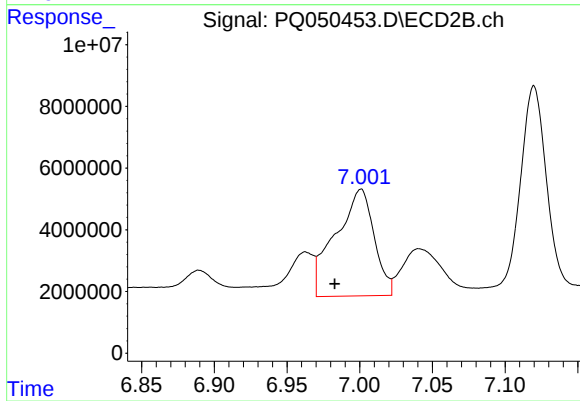
#27 AR-1254-2

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 31192672
Conc: 120.74 ng/ml



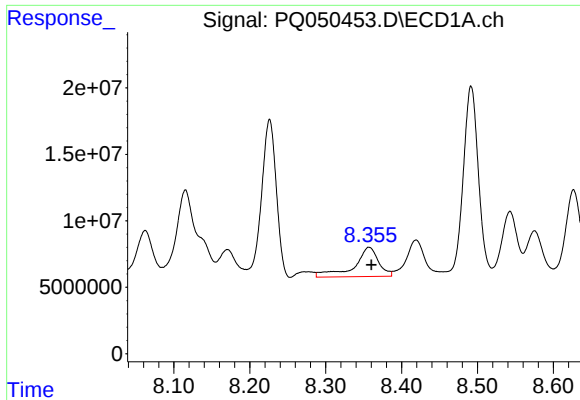
#28 AR-1254-3

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 45534155
Conc: 60.03 ng/ml



#28 AR-1254-3

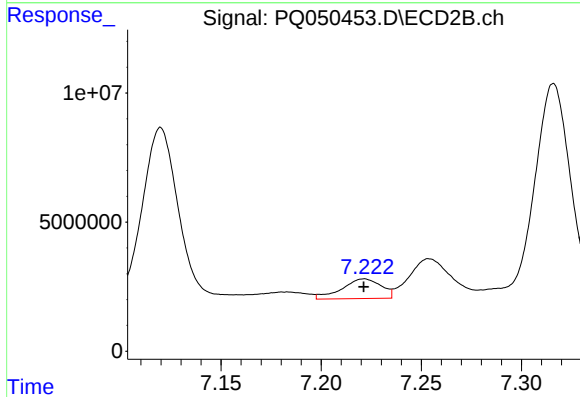
R.T.: 7.001 min
Delta R.T.: 0.018 min
Response: 63955639
Conc: 147.84 ng/ml



#29 AR-1254-4

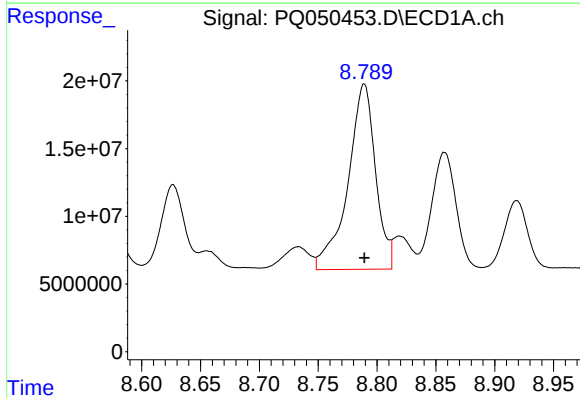
R.T.: 8.357 min
Delta R.T.: -0.003 min
Response: 48981152
Conc: 81.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



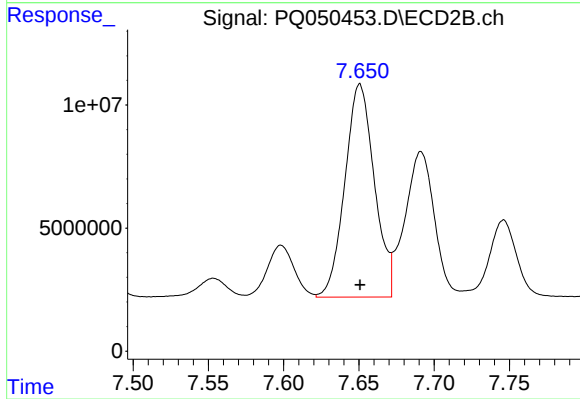
#29 AR-1254-4

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 10420540
Conc: 33.34 ng/ml



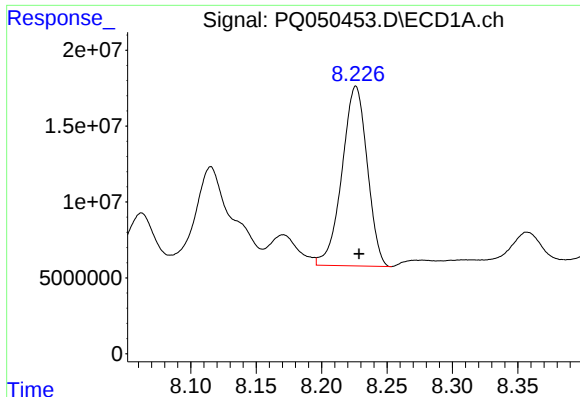
#30 AR-1254-5

R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 223991674
Conc: 387.45 ng/ml



#30 AR-1254-5

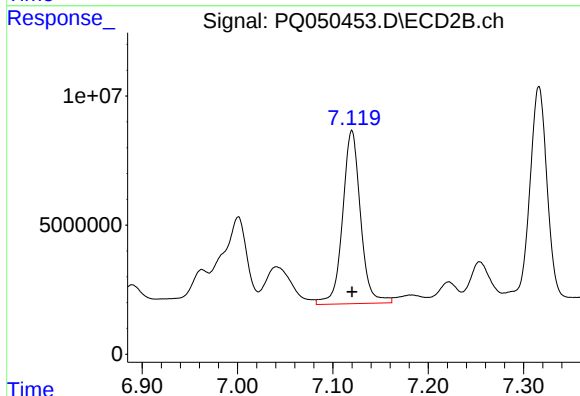
R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 118067641
Conc: 282.89 ng/ml



#31 AR-1260-1

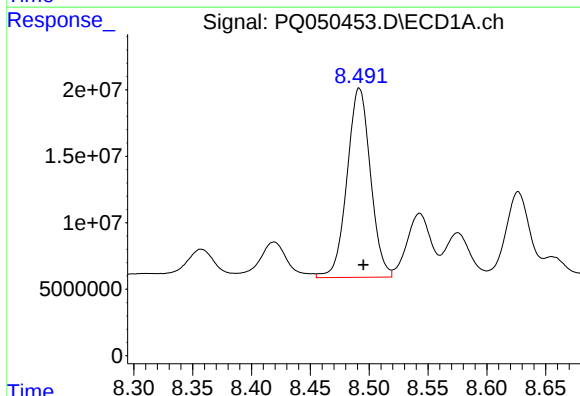
R.T.: 8.226 min
Delta R.T.: -0.002 min
Response: 159026551
Conc: 261.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



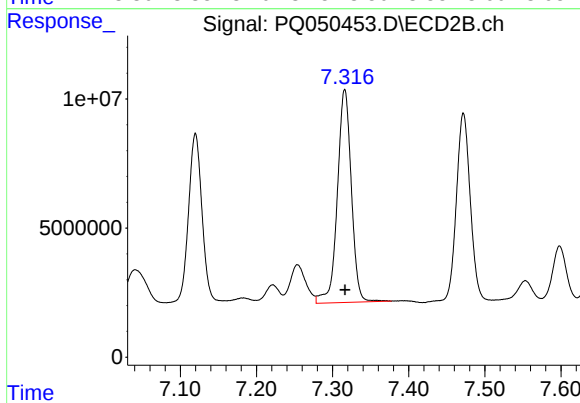
#31 AR-1260-1

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 87890853
Conc: 279.16 ng/ml



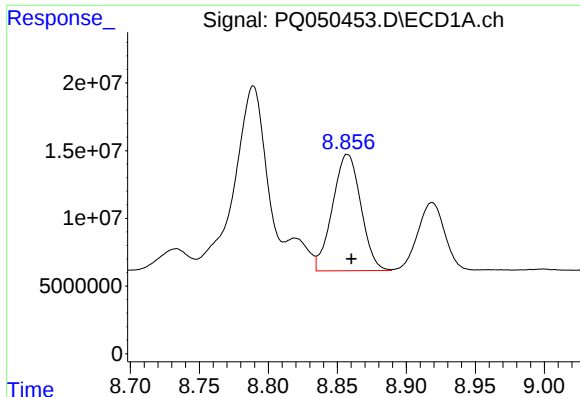
#32 AR-1260-2

R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 197462604
Conc: 276.94 ng/ml



#32 AR-1260-2

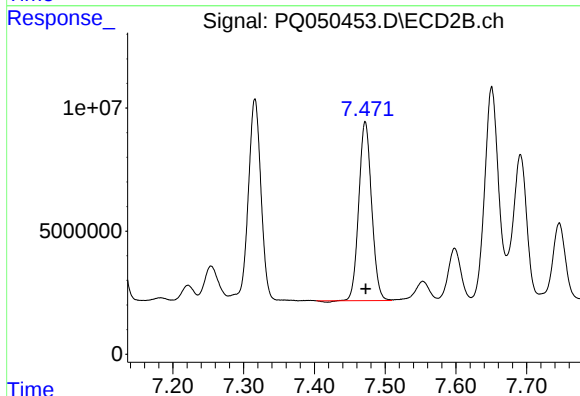
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 105545605
Conc: 244.73 ng/ml



#33 AR-1260-3

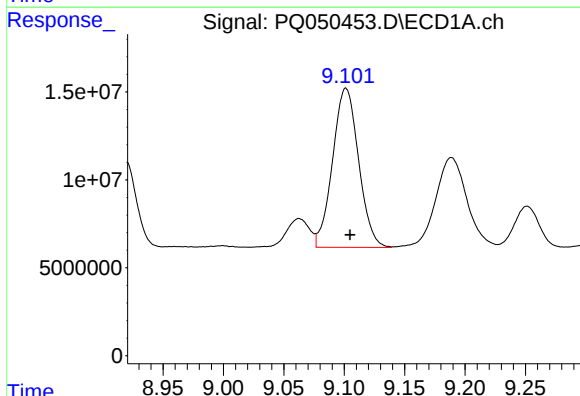
R.T.: 8.857 min
Delta R.T.: -0.003 min
Response: 123062331
Conc: 223.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



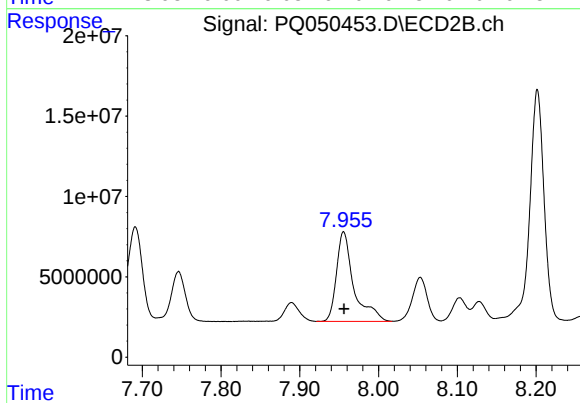
#33 AR-1260-3

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 91303906
Conc: 242.99 ng/ml



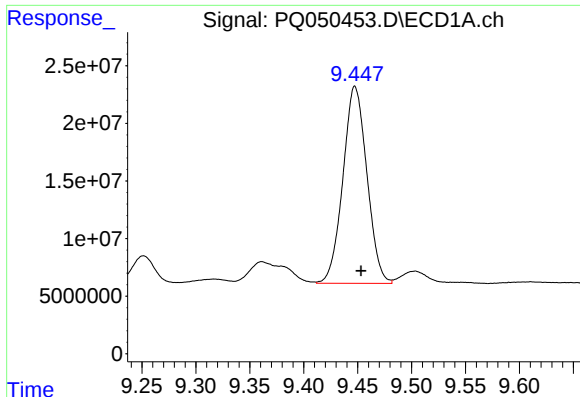
#34 AR-1260-4

R.T.: 9.101 min
Delta R.T.: -0.004 min
Response: 135608684
Conc: 234.08 ng/ml



#34 AR-1260-4

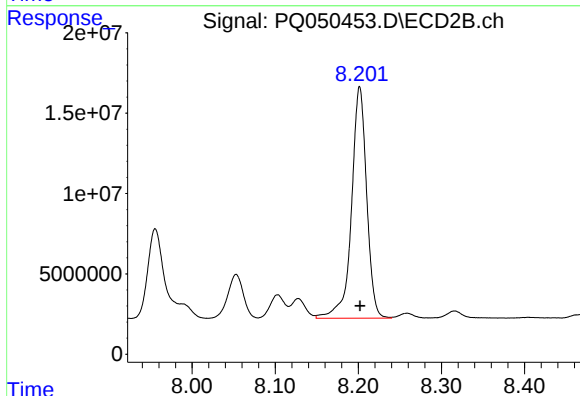
R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 85337543
Conc: 252.62 ng/ml



#35 AR-1260-5

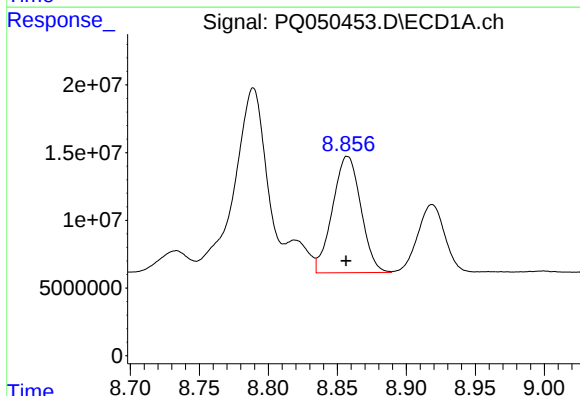
R.T.: 9.447 min
Delta R.T.: -0.006 min
Response: 264521360
Conc: 228.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



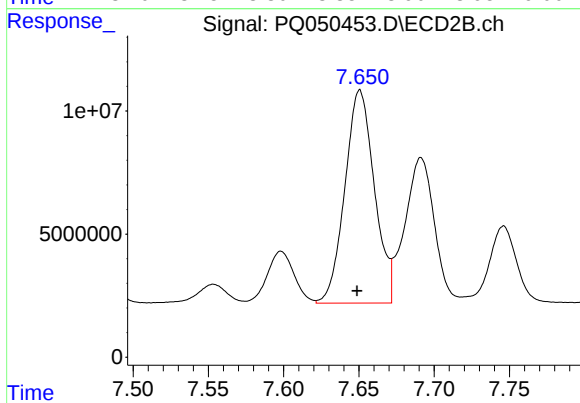
#35 AR-1260-5

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 182726760
Conc: 191.73 ng/ml



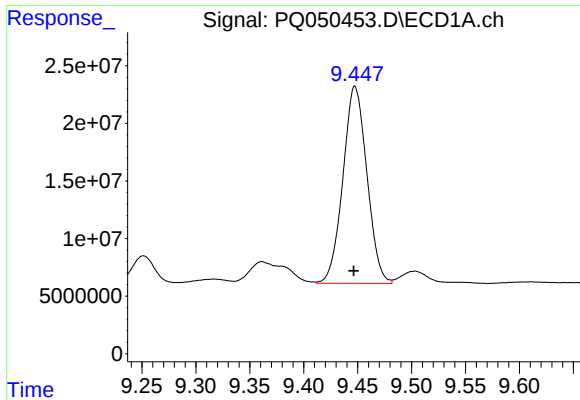
#36 AR-1262-1

R.T.: 8.857 min
Delta R.T.: 0.000 min
Response: 123062331
Conc: 174.58 ng/ml



#36 AR-1262-1

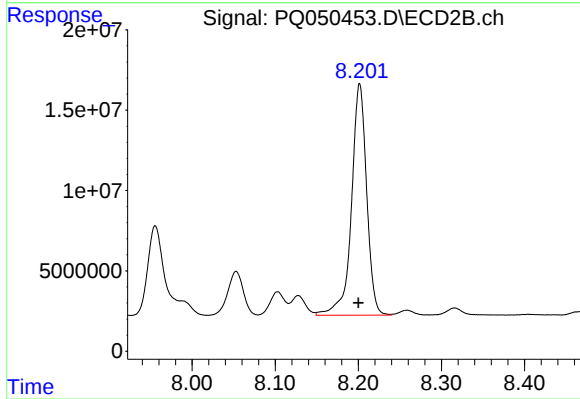
R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 118067641
Conc: 516.59 ng/ml



#37 AR-1262-2

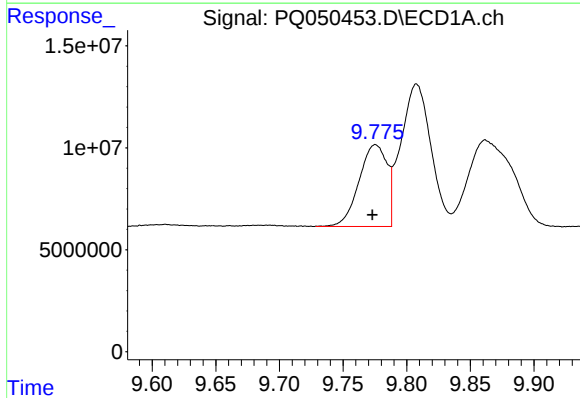
R.T.: 9.447 min
Delta R.T.: 0.000 min
Response: 264521360
Conc: 227.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



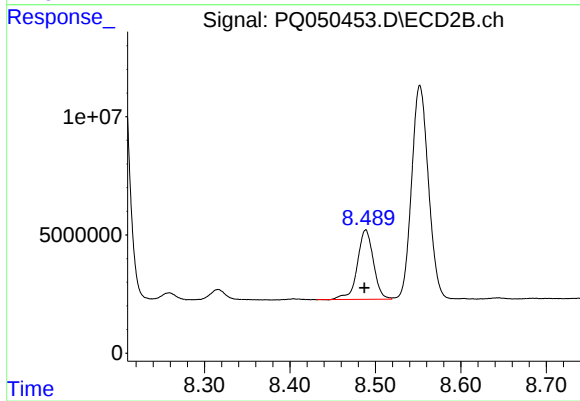
#37 AR-1262-2

R.T.: 8.202 min
Delta R.T.: 0.001 min
Response: 182726760
Conc: 192.54 ng/ml



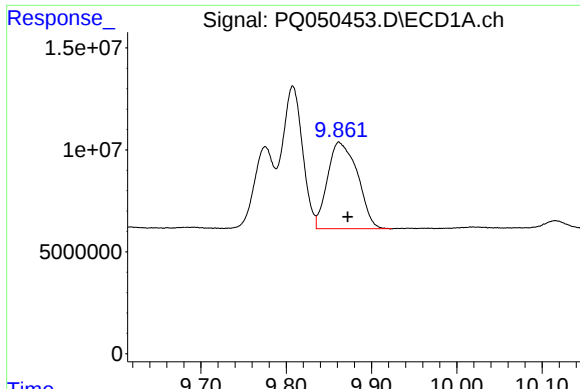
#38 AR-1262-3

R.T.: 9.775 min
Delta R.T.: 0.003 min
Response: 61483657
Conc: 114.70 ng/ml



#38 AR-1262-3

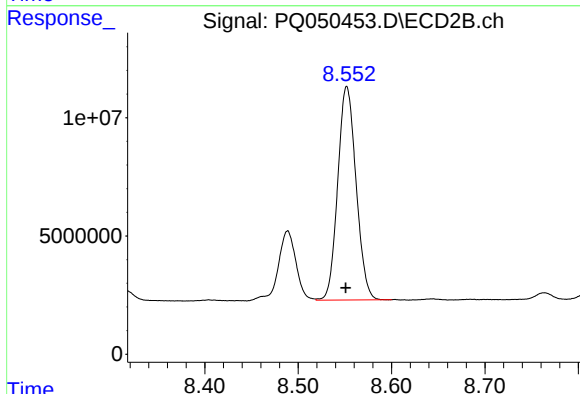
R.T.: 8.489 min
Delta R.T.: 0.002 min
Response: 38324395
Conc: 97.45 ng/ml



#39 AR-1262-4

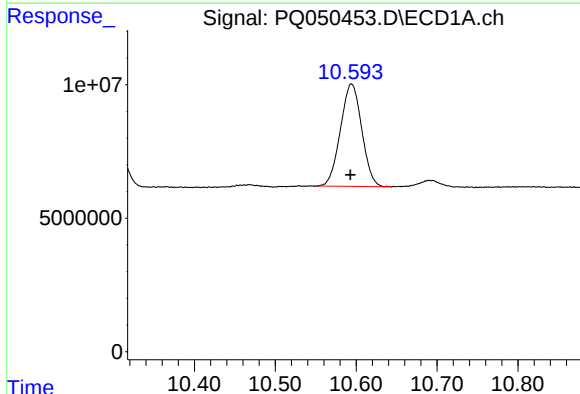
R.T.: 9.862 min
Delta R.T.: -0.010 min
Response: 103665590
Conc: 162.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



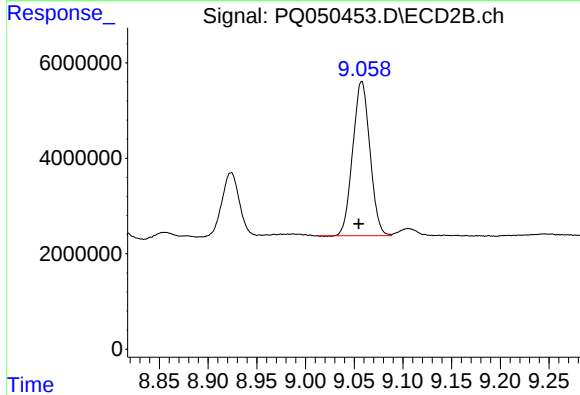
#39 AR-1262-4

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 123152815
Conc: 179.69 ng/ml



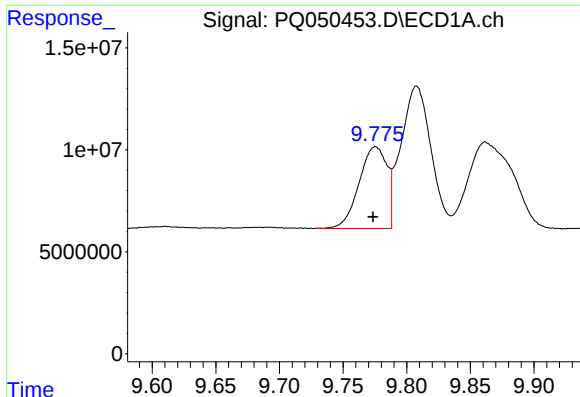
#40 AR-1262-5

R.T.: 10.594 min
Delta R.T.: 0.001 min
Response: 70401462
Conc: 158.89 ng/ml



#40 AR-1262-5

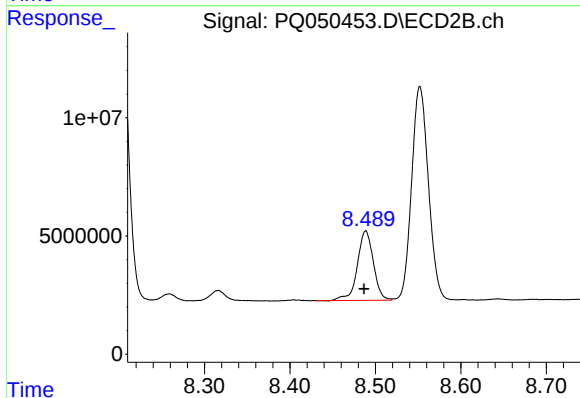
R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 39761932
Conc: 115.25 ng/ml



#41 AR-1268-1

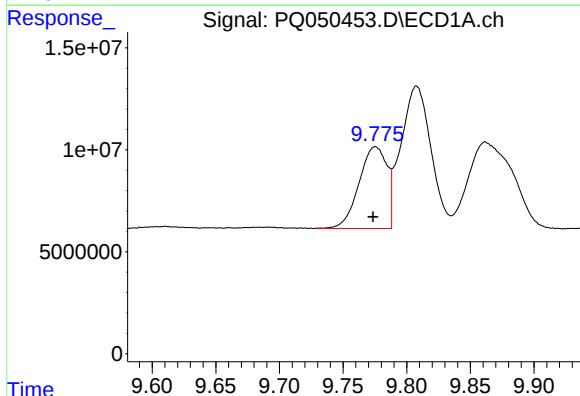
R.T.: 9.775 min
Delta R.T.: 0.002 min
Response: 61483657
Conc: 46.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



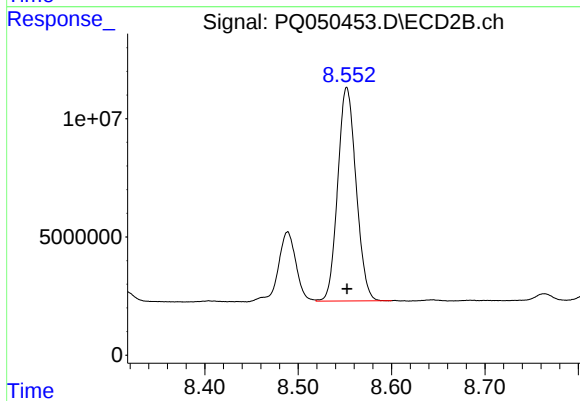
#41 AR-1268-1

R.T.: 8.489 min
Delta R.T.: 0.002 min
Response: 38324395
Conc: 33.94 ng/ml



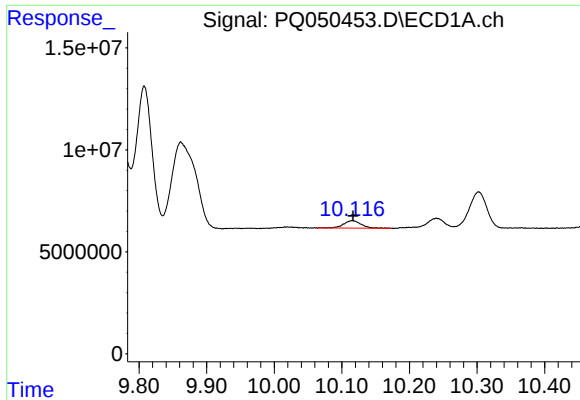
#42 AR-1268-2

R.T.: 9.775 min
Delta R.T.: 0.002 min
Response: 61483657
Conc: 46.37 ng/ml



#42 AR-1268-2

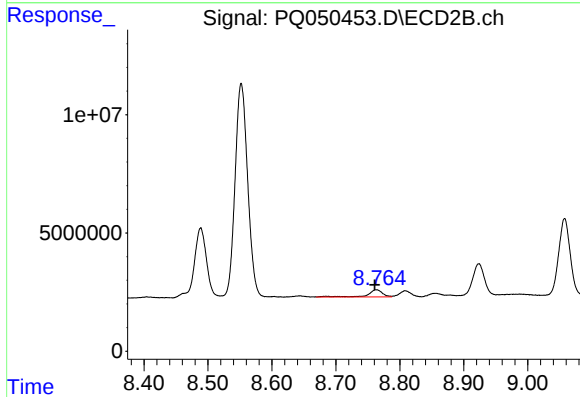
R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 123152815
Conc: 124.16 ng/ml



#43 AR-1268-3

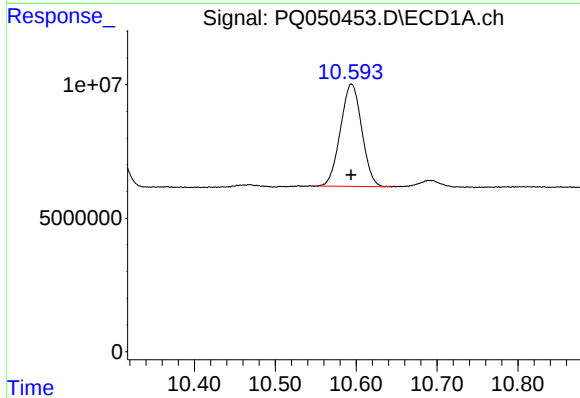
R.T.: 10.115 min
Delta R.T.: -0.001 min
Response: 6817868
Conc: 6.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



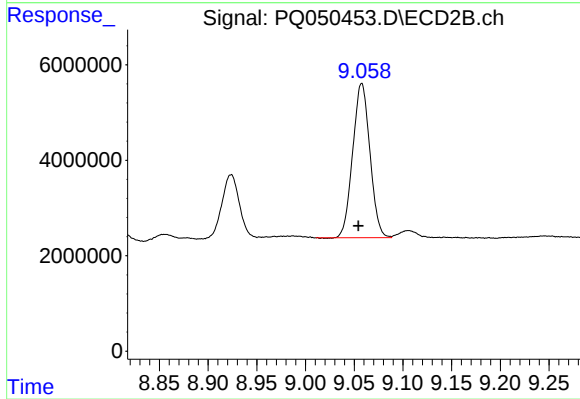
#43 AR-1268-3

R.T.: 8.764 min
Delta R.T.: 0.003 min
Response: 4699963
Conc: 5.58 ng/ml



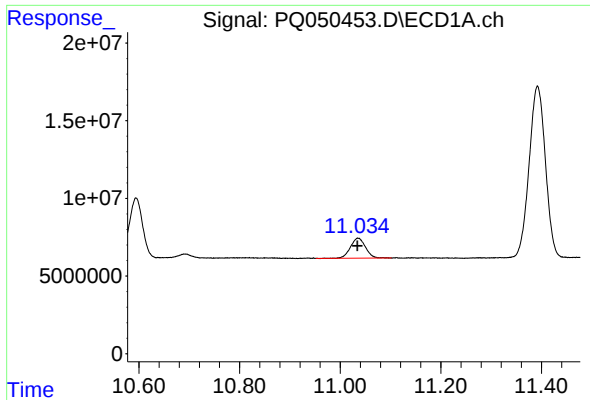
#44 AR-1268-4

R.T.: 10.594 min
Delta R.T.: 0.000 min
Response: 70401462
Conc: 145.73 ng/ml



#44 AR-1268-4

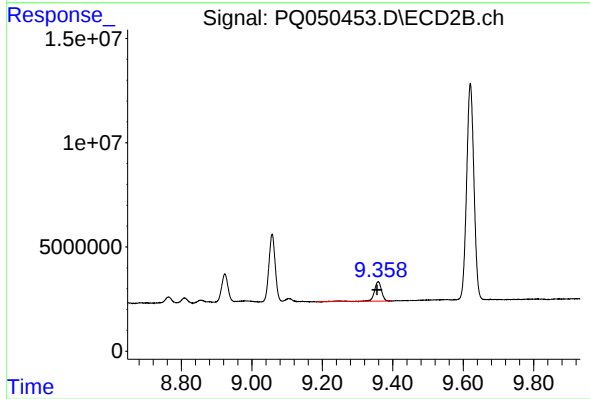
R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 39761932
Conc: 105.11 ng/ml



#45 AR-1268-5

R.T.: 11.035 min
Delta R.T.: 0.001 min
Response: 26862601
Conc: 9.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.359 min
Delta R.T.: 0.003 min
Response: 13707572
Conc: 5.25 ng/ml