

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012819\
 Data File : PQ036800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2019 16:10
 Operator : SM\SJ
 Sample : K1223-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 TS-U

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 23:41:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 24 06:01:26 2019
 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...	4.344	3.704	73110192	38260391	15.884	15.968
2)	SA Decachlor...	9.944	8.644	44246709	19157677	12.137	10.183
Target Compounds							
3)	L1 AR-1016-1	5.521	4.804	1909516	12724171	13.610	168.930 #
4)	L1 AR-1016-2	5.521	4.804	1909516	12724171	9.048	114.326 #
5)	L1 AR-1016-3	5.555	4.969	2450906	2962181	19.772	52.525 #
6)	L1 AR-1016-4	5.647	5.005	21804798	2249316	219.264	49.792 #
7)	L1 AR-1016-5	5.965	5.167	24967804	16680412	252.930	285.971
8)	L2 AR-1221-1	0.000	3.872	0	500236	N.D.	19.789 #
9)	L2 AR-1221-2	4.649	4.002	1260035	3317195	37.427	176.737 #
10)	L2 AR-1221-3	4.728	4.070	13975562	3524888	125.010	58.519 #
11)	L3 AR-1232-1	4.728	4.070	13975562	3524888	150.108	70.062 #
12)	L3 AR-1232-2	5.206	4.804	15674822	12724171	333.514	237.222 #
13)	L3 AR-1232-3	5.521	4.969	1909516	2962181	19.285	115.958 #
14)	L3 AR-1232-4	5.647	5.077	21804798	20586246	468.584	869.522 #
15)	L3 AR-1232-5	5.766	5.167	7106993	16680412	207.066	660.261 #
16)	L4 AR-1242-1	5.521	4.804	1909516	12724171	16.474	202.616 #
17)	L4 AR-1242-2	5.521	4.804	1909516	12724171	10.770	136.335 #
18)	L4 AR-1242-3	5.555	4.969	2450906	2962181	23.631	63.306 #
19)	L4 AR-1242-4	5.647	5.077	21804798	20586246	259.232	450.555 #
20)	L4 AR-1242-5	6.412	5.586	16582410	63627330	182.753	1136.642 #
21)	L5 AR-1248-1	5.521	4.804	1909516	12724171	21.249	258.013 #
22)	L5 AR-1248-2	5.766	5.005	7106993	2249316	58.250	34.669 #
23)	L5 AR-1248-3	5.965	5.077	24967804	20586246	181.805	310.654 #
24)	L5 AR-1248-4	6.412	5.167	16582410	16680412	105.656	210.017 #
25)	L5 AR-1248-5	6.412	5.586	16582410	63627330	111.744	805.286 #
26)	L6 AR-1254-1	6.350	5.586	165.8E6	63627330	934.716	475.246 #
27)	L6 AR-1254-2	6.563	5.709	64462770	14204842	247.453	128.363 #
28)	L6 AR-1254-3	6.929	6.117	38384317	23662946	143.366	131.464
29)	L6 AR-1254-4	7.208	6.335	8117650	6451126	40.915	48.888
30)	L6 AR-1254-5	7.627	6.747	52346486	26598701	256.401	177.108 #
31)	L7 AR-1260-1	7.084	6.235	50376333	26452239	258.659	230.435
32)	L7 AR-1260-2	7.340	6.424	47759800	33729781	206.805	239.924
33)	L7 AR-1260-3	7.696	6.574	24949083	18696511	173.006	145.872
34)	L7 AR-1260-4	7.924	7.039	28710253	11784642	168.623	135.348
35)	L7 AR-1260-5	8.237	7.282	54681440	26578451	162.608	121.735 #
36)	L8 AR-1262-1	7.696	6.780	24949083	14030901	90.072	83.603
37)	L8 AR-1262-2	8.237	7.282	54681440	26578451	111.512	87.773
38)	L8 AR-1262-3	8.532	7.558	9256946	4836285	44.509	43.059
39)	L8 AR-1262-4	8.606	7.625	17736948	19439316	73.120	90.115
40)	L8 AR-1262-5	9.253	8.119	8220550	4444310	50.522	47.256
41)	L9 AR-1268-1	8.532	7.558	9256946	4836285	14.674	13.306

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 ALS Vial : 27 Sample Multiplier: 1

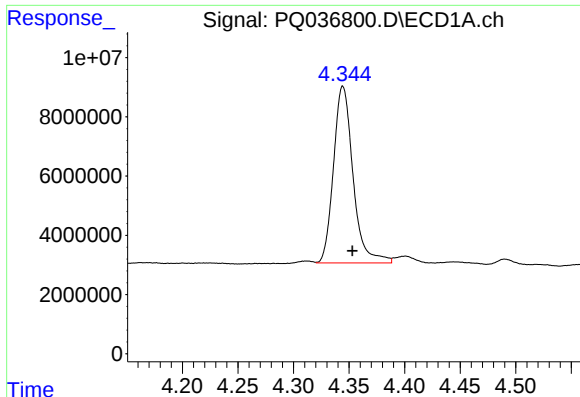
Instrument :
 ECD_Q
 ClientSampleId :
 TS-U

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 23:41:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
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 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
42) L9	AR-1268-2	8.606	7.625	17736948	19439316	30.139	58.670 #
44) L9	AR-1268-4	9.253	8.119	8220550	4444310	42.210	39.809
45) L9	AR-1268-5	9.638	8.402	4257598	1743091	2.623	2.013

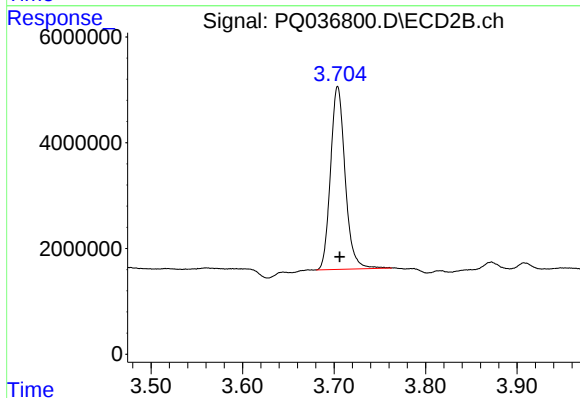
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

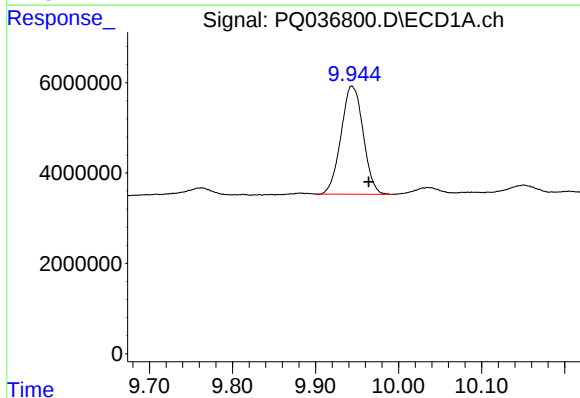
R.T.: 4.344 min
Delta R.T.: -0.009 min
Response: 73110192
Conc: 15.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



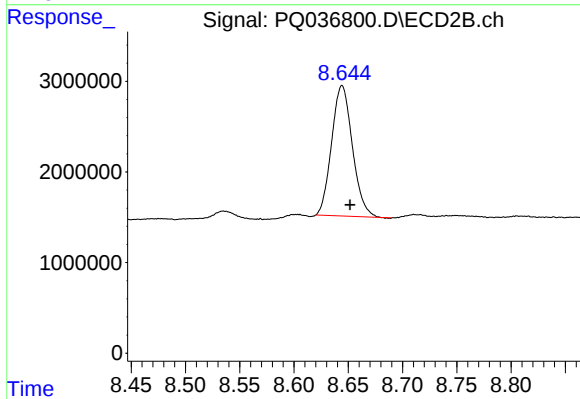
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 38260391
Conc: 15.97 ng/ml



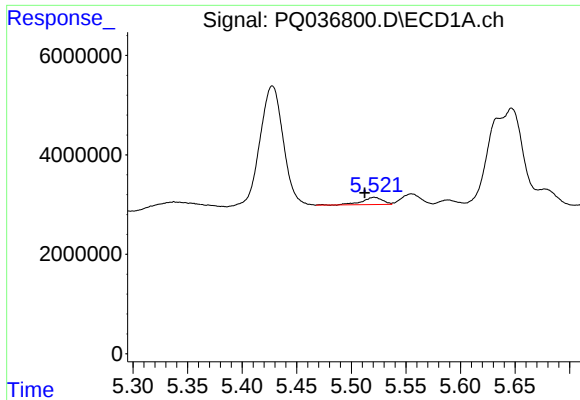
#2 Decachlorobiphenyl

R.T.: 9.944 min
Delta R.T.: -0.020 min
Response: 44246709
Conc: 12.14 ng/ml



#2 Decachlorobiphenyl

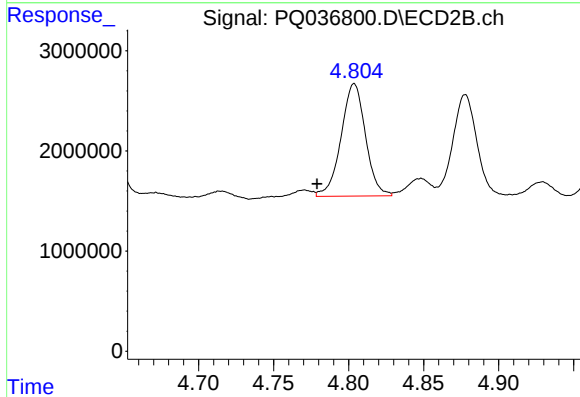
R.T.: 8.644 min
Delta R.T.: -0.007 min
Response: 19157677
Conc: 10.18 ng/ml



#3 AR-1016-1

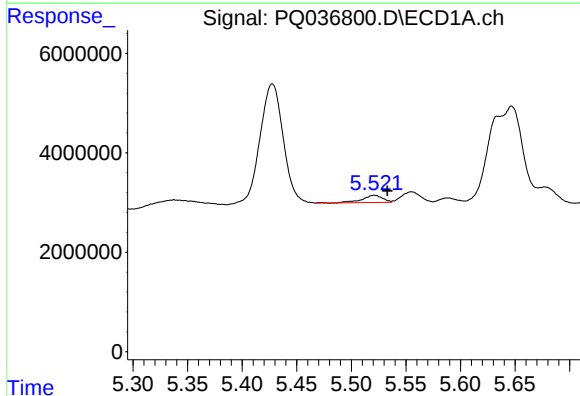
R.T.: 5.521 min
Delta R.T.: 0.009 min
Response: 1909516
Conc: 13.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



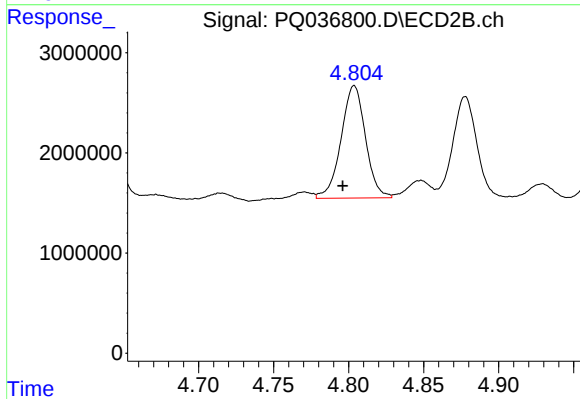
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: 0.025 min
Response: 12724171
Conc: 168.93 ng/ml



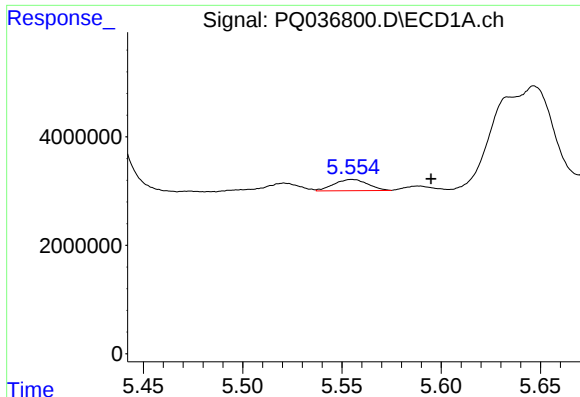
#4 AR-1016-2

R.T.: 5.521 min
Delta R.T.: -0.012 min
Response: 1909516
Conc: 9.05 ng/ml



#4 AR-1016-2

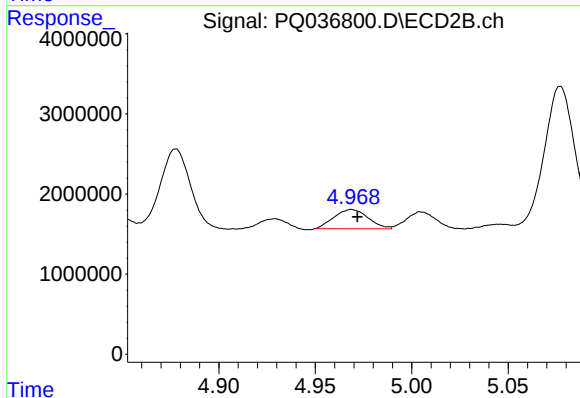
R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 12724171
Conc: 114.33 ng/ml



#5 AR-1016-3

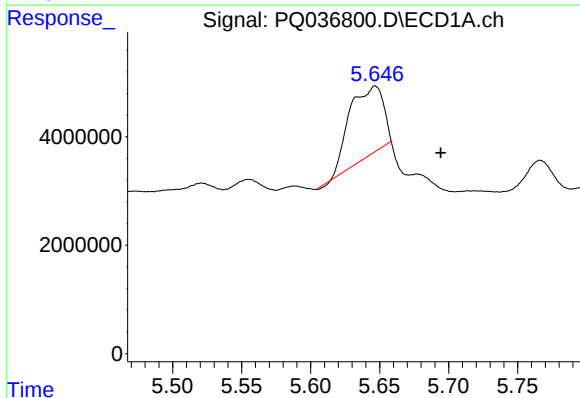
R.T.: 5.555 min
Delta R.T.: -0.040 min
Response: 2450906
Conc: 19.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



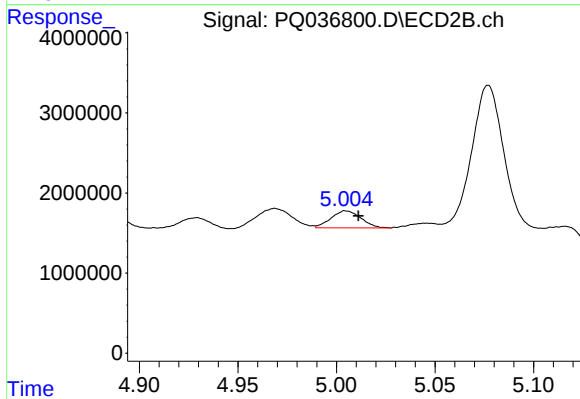
#5 AR-1016-3

R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 2962181
Conc: 52.52 ng/ml



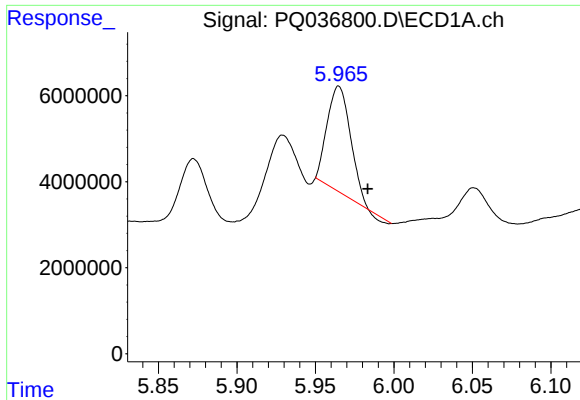
#6 AR-1016-4

R.T.: 5.647 min
Delta R.T.: -0.047 min
Response: 21804798
Conc: 219.26 ng/ml



#6 AR-1016-4

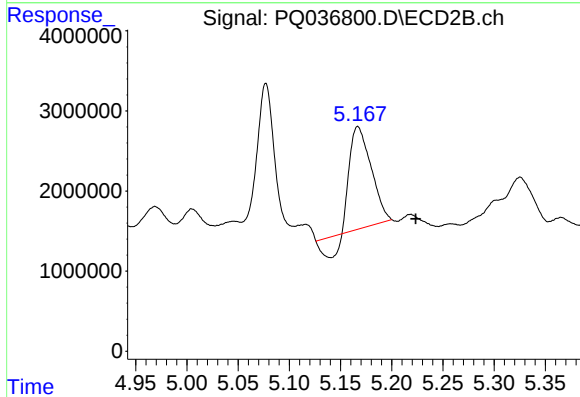
R.T.: 5.005 min
Delta R.T.: -0.006 min
Response: 2249316
Conc: 49.79 ng/ml



#7 AR-1016-5

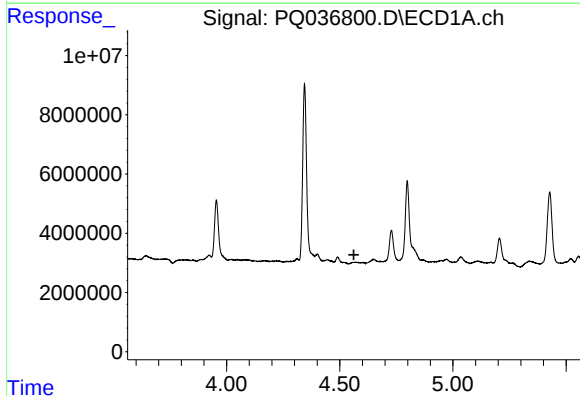
R.T.: 5.965 min
Delta R.T.: -0.018 min
Response: 24967804
Conc: 252.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



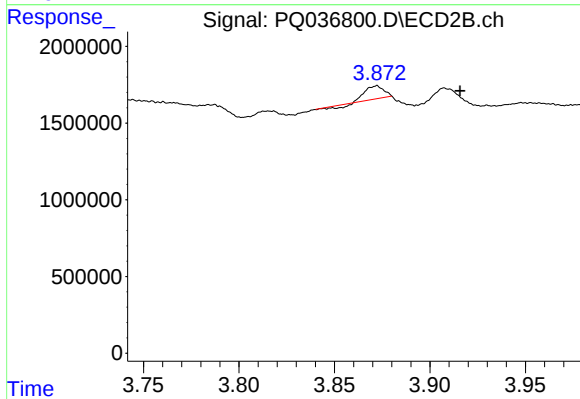
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.057 min
Response: 16680412
Conc: 285.97 ng/ml



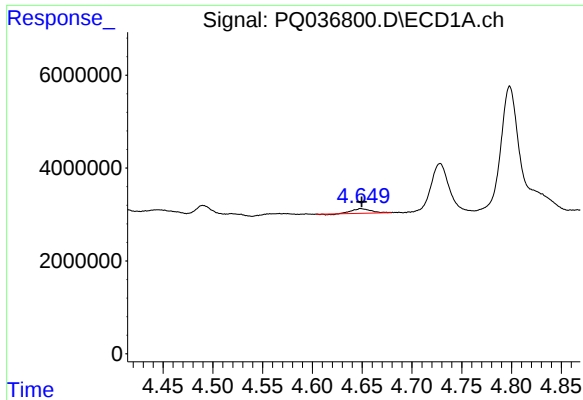
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.563 min
Response: 0
Conc: N.D.



#8 AR-1221-1

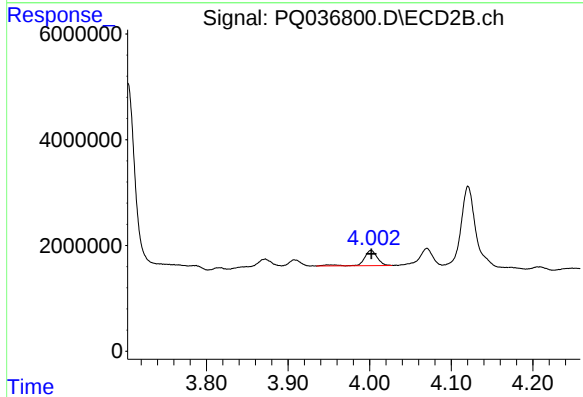
R.T.: 3.872 min
Delta R.T.: -0.044 min
Response: 500236
Conc: 19.79 ng/ml



#9 AR-1221-2

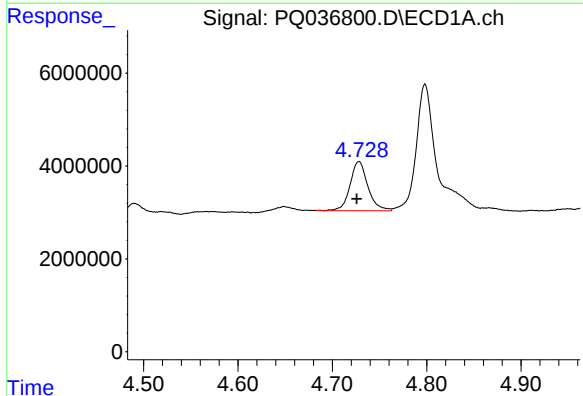
R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 1260035
Conc: 37.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



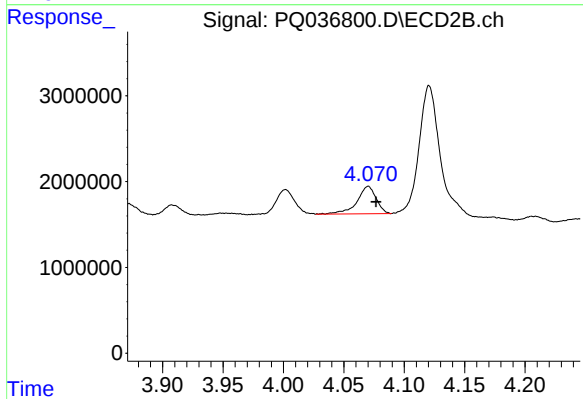
#9 AR-1221-2

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 3317195
Conc: 176.74 ng/ml



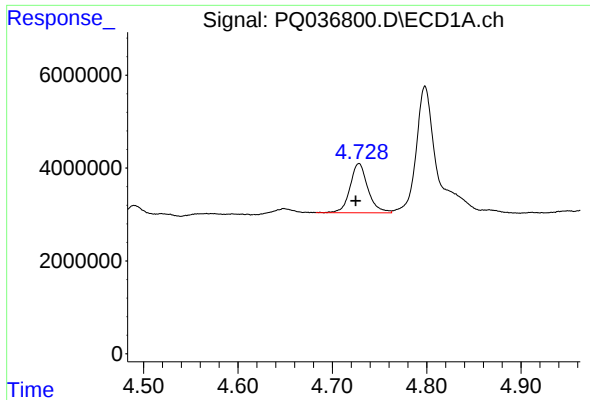
#10 AR-1221-3

R.T.: 4.728 min
Delta R.T.: 0.002 min
Response: 13975562
Conc: 125.01 ng/ml



#10 AR-1221-3

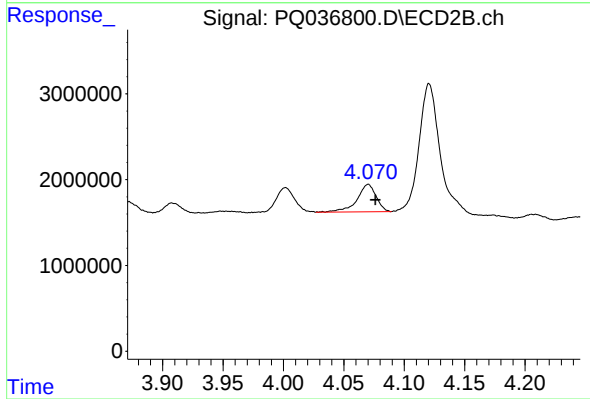
R.T.: 4.070 min
Delta R.T.: -0.007 min
Response: 3524888
Conc: 58.52 ng/ml



#11 AR-1232-1

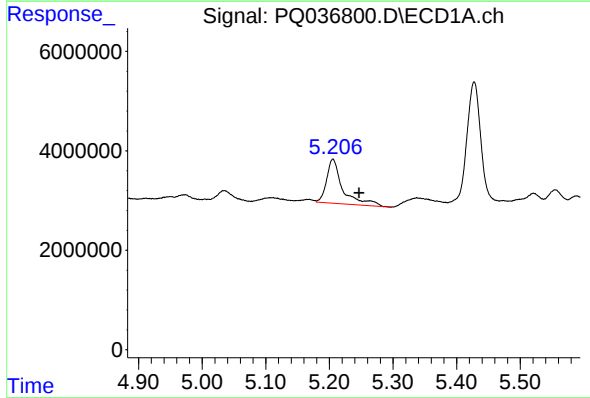
R.T.: 4.728 min
Delta R.T.: 0.003 min
Response: 13975562
Conc: 150.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



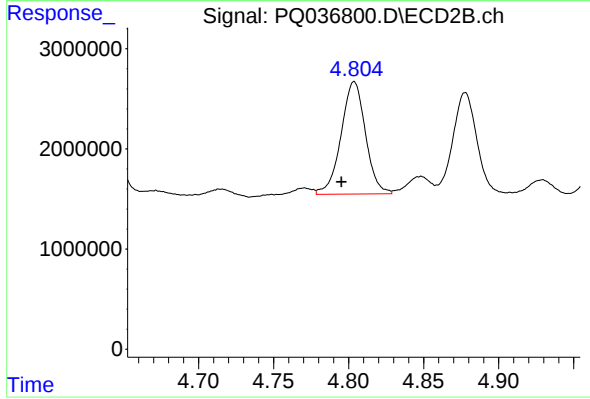
#11 AR-1232-1

R.T.: 4.070 min
Delta R.T.: -0.006 min
Response: 3524888
Conc: 70.06 ng/ml



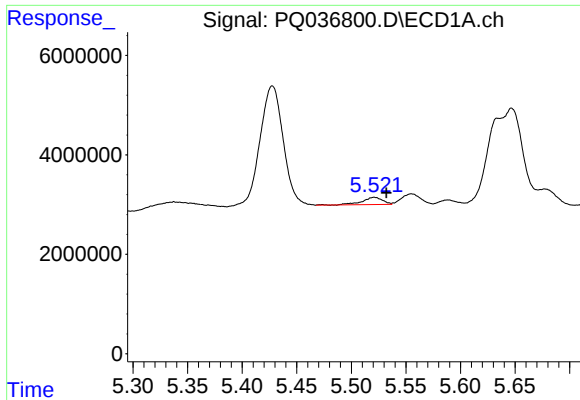
#12 AR-1232-2

R.T.: 5.206 min
Delta R.T.: -0.041 min
Response: 15674822
Conc: 333.51 ng/ml



#12 AR-1232-2

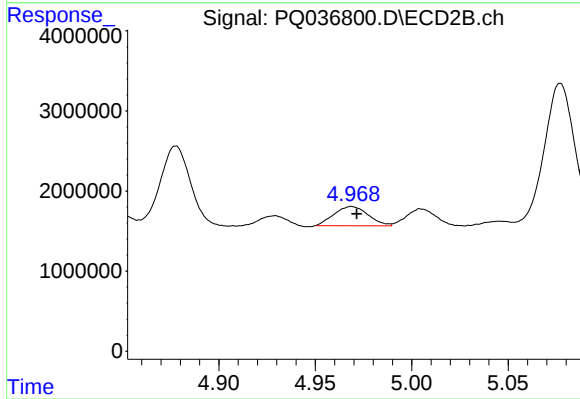
R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 12724171
Conc: 237.22 ng/ml



#13 AR-1232-3

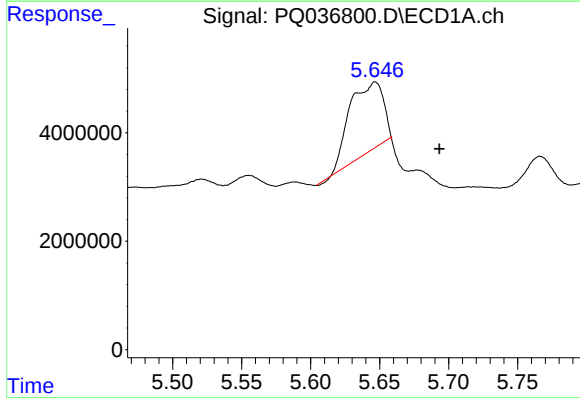
R.T.: 5.521 min
Delta R.T.: -0.011 min
Response: 1909516
Conc: 19.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



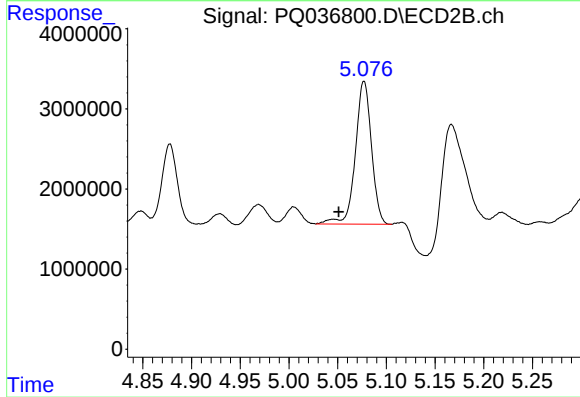
#13 AR-1232-3

R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 2962181
Conc: 115.96 ng/ml



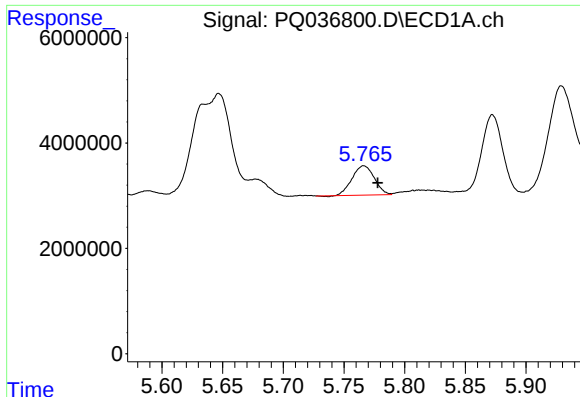
#14 AR-1232-4

R.T.: 5.647 min
Delta R.T.: -0.046 min
Response: 21804798
Conc: 468.58 ng/ml



#14 AR-1232-4

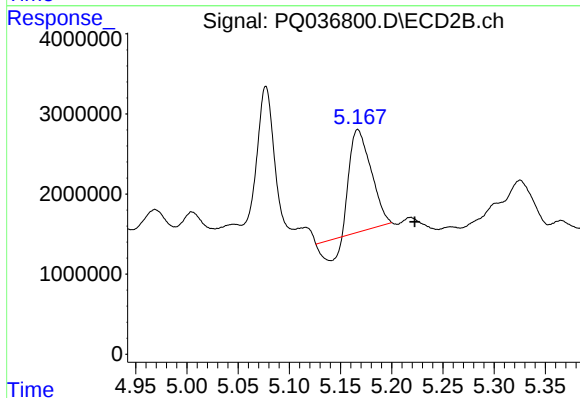
R.T.: 5.077 min
Delta R.T.: 0.026 min
Response: 20586246
Conc: 869.52 ng/ml



#15 AR-1232-5

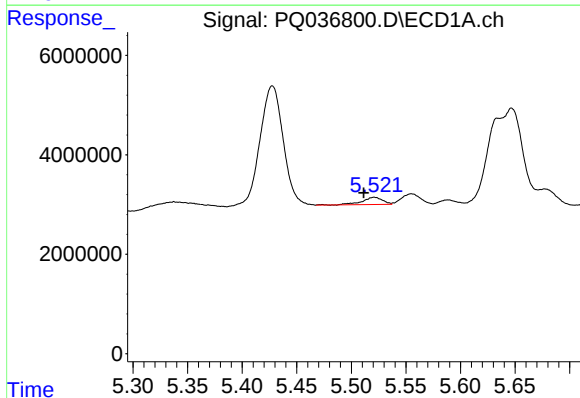
R.T.: 5.766 min
Delta R.T.: -0.012 min
Response: 7106993
Conc: 207.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



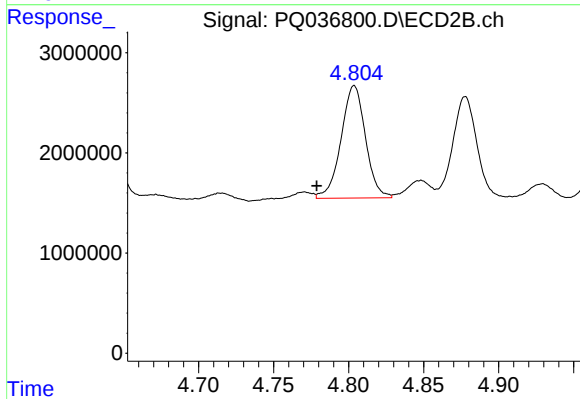
#15 AR-1232-5

R.T.: 5.167 min
Delta R.T.: -0.056 min
Response: 16680412
Conc: 660.26 ng/ml



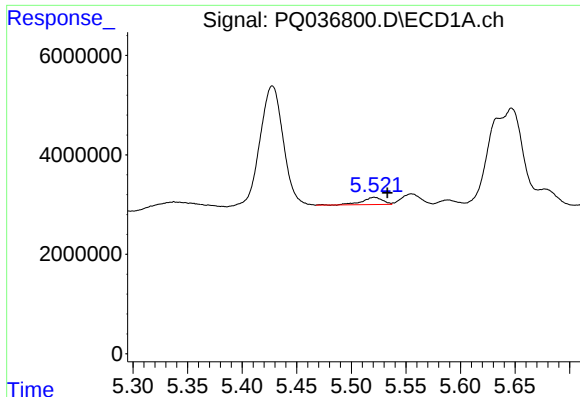
#16 AR-1242-1

R.T.: 5.521 min
Delta R.T.: 0.010 min
Response: 1909516
Conc: 16.47 ng/ml



#16 AR-1242-1

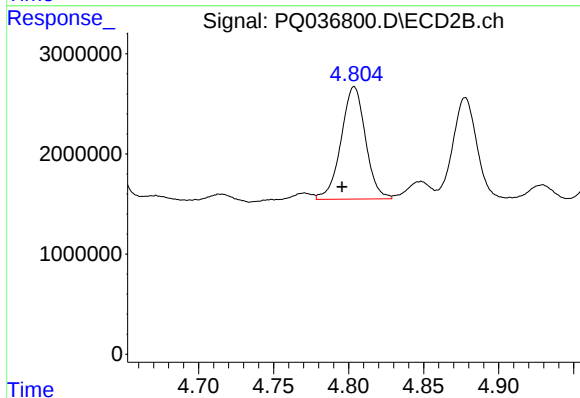
R.T.: 4.804 min
Delta R.T.: 0.025 min
Response: 12724171
Conc: 202.62 ng/ml



#17 AR-1242-2

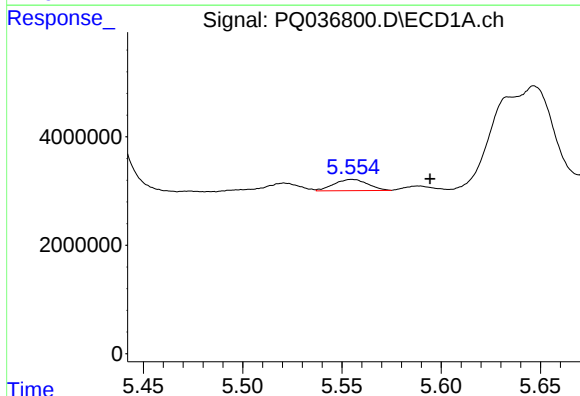
R.T.: 5.521 min
Delta R.T.: -0.012 min
Response: 1909516
Conc: 10.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



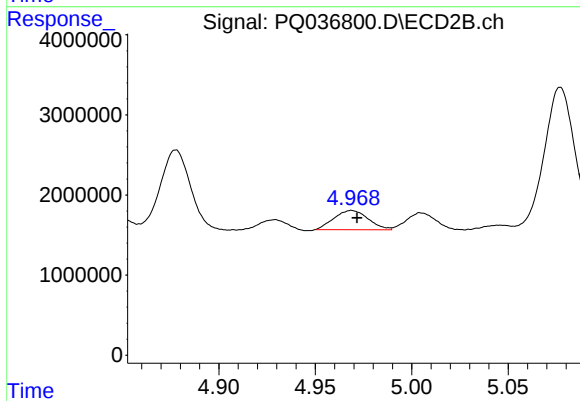
#17 AR-1242-2

R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 12724171
Conc: 136.33 ng/ml



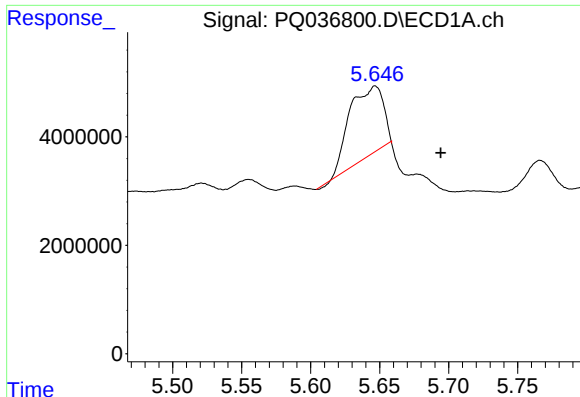
#18 AR-1242-3

R.T.: 5.555 min
Delta R.T.: -0.039 min
Response: 2450906
Conc: 23.63 ng/ml



#18 AR-1242-3

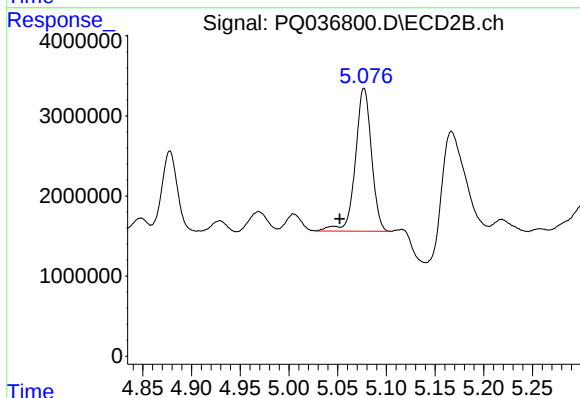
R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 2962181
Conc: 63.31 ng/ml



#19 AR-1242-4

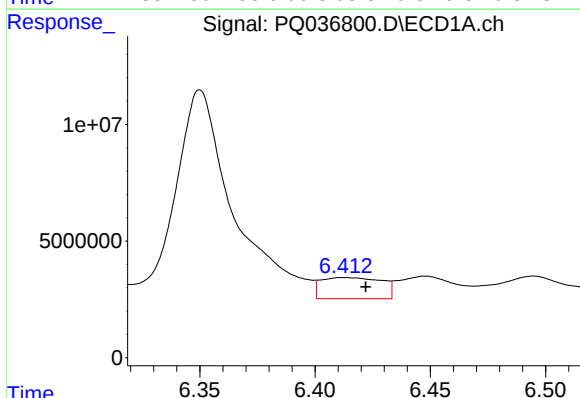
R.T.: 5.647 min
Delta R.T.: -0.047 min
Response: 21804798
Conc: 259.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



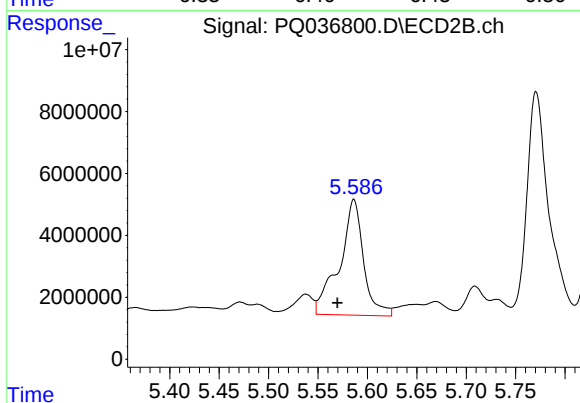
#19 AR-1242-4

R.T.: 5.077 min
Delta R.T.: 0.025 min
Response: 20586246
Conc: 450.55 ng/ml



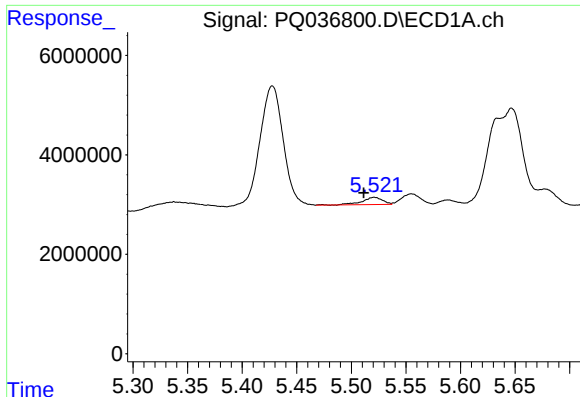
#20 AR-1242-5

R.T.: 6.412 min
Delta R.T.: -0.010 min
Response: 16582410
Conc: 182.75 ng/ml



#20 AR-1242-5

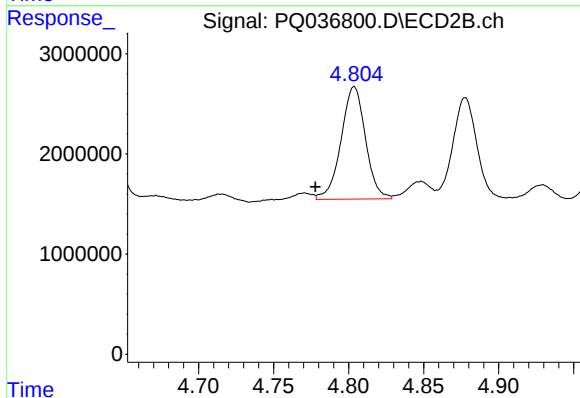
R.T.: 5.586 min
Delta R.T.: 0.016 min
Response: 63627330
Conc: 1136.64 ng/ml



#21 AR-1248-1

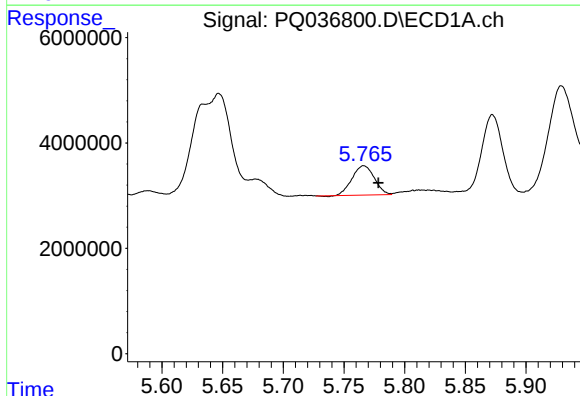
R.T.: 5.521 min
Delta R.T.: 0.010 min
Response: 1909516
Conc: 21.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



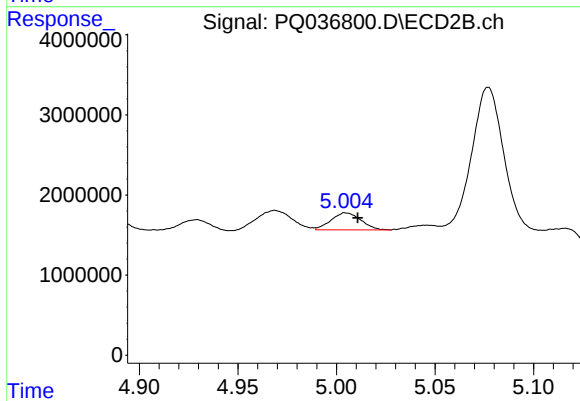
#21 AR-1248-1

R.T.: 4.804 min
Delta R.T.: 0.026 min
Response: 12724171
Conc: 258.01 ng/ml



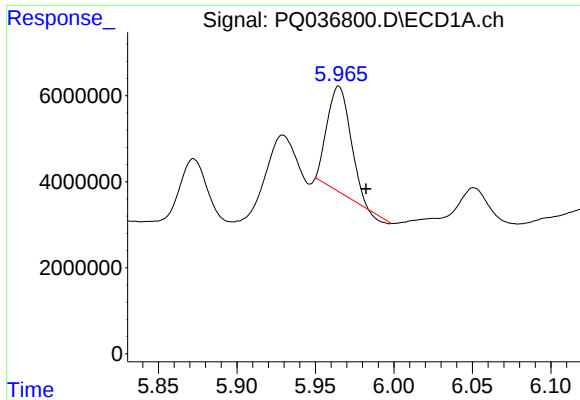
#22 AR-1248-2

R.T.: 5.766 min
Delta R.T.: -0.012 min
Response: 7106993
Conc: 58.25 ng/ml



#22 AR-1248-2

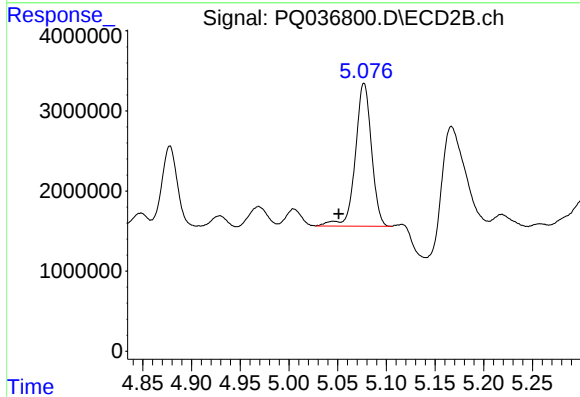
R.T.: 5.005 min
Delta R.T.: -0.006 min
Response: 2249316
Conc: 34.67 ng/ml



#23 AR-1248-3

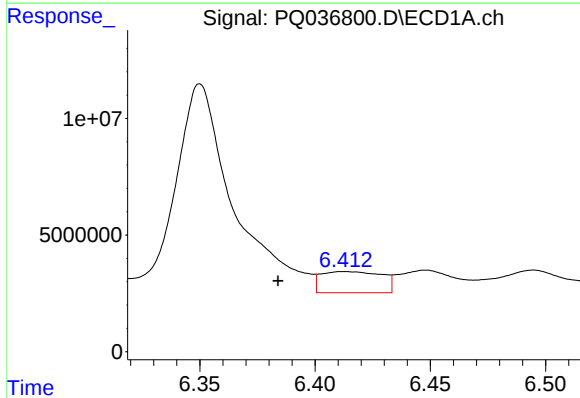
R.T.: 5.965 min
Delta R.T.: -0.017 min
Response: 24967804
Conc: 181.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



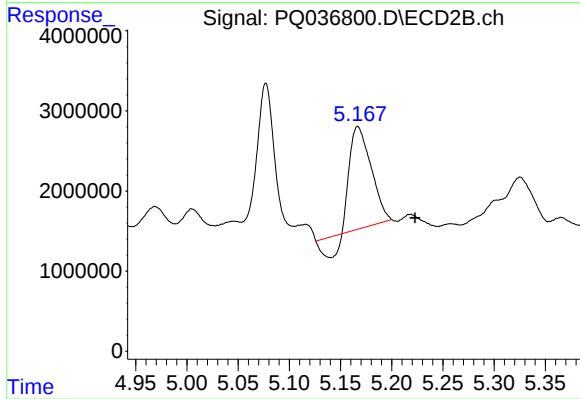
#23 AR-1248-3

R.T.: 5.077 min
Delta R.T.: 0.026 min
Response: 20586246
Conc: 310.65 ng/ml



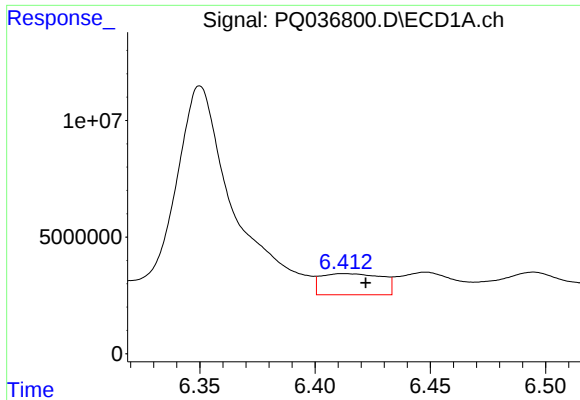
#24 AR-1248-4

R.T.: 6.412 min
Delta R.T.: 0.028 min
Response: 16582410
Conc: 105.66 ng/ml



#24 AR-1248-4

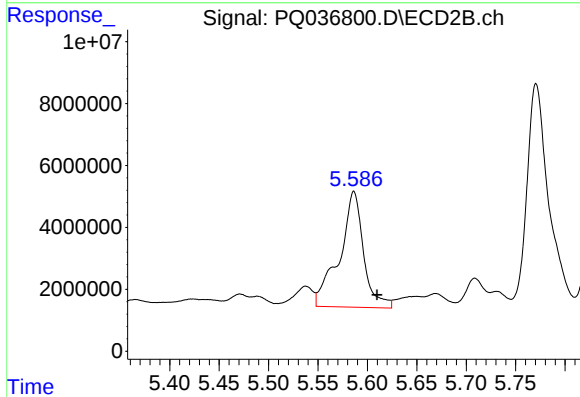
R.T.: 5.167 min
Delta R.T.: -0.056 min
Response: 16680412
Conc: 210.02 ng/ml



#25 AR-1248-5

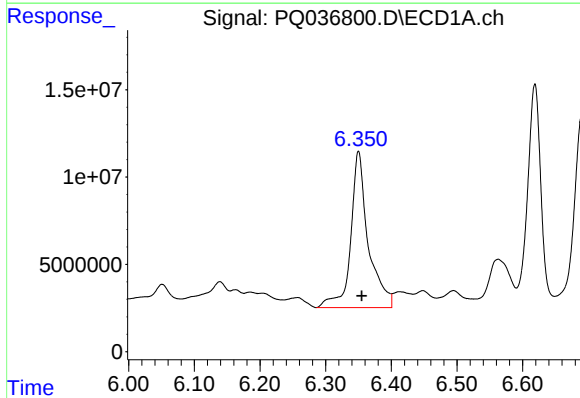
R.T.: 6.412 min
Delta R.T.: -0.010 min
Response: 16582410
Conc: 111.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



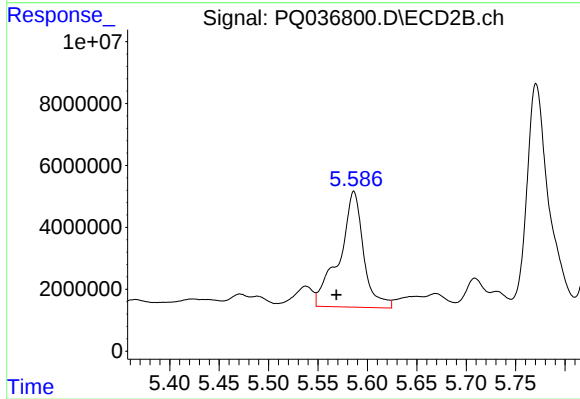
#25 AR-1248-5

R.T.: 5.586 min
Delta R.T.: -0.024 min
Response: 63627330
Conc: 805.29 ng/ml



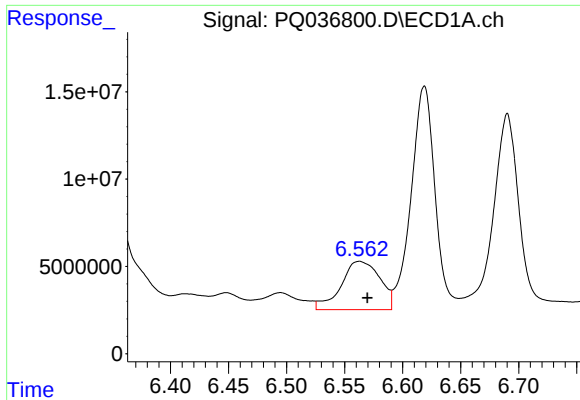
#26 AR-1254-1

R.T.: 6.350 min
Delta R.T.: -0.005 min
Response: 165751040
Conc: 934.72 ng/ml



#26 AR-1254-1

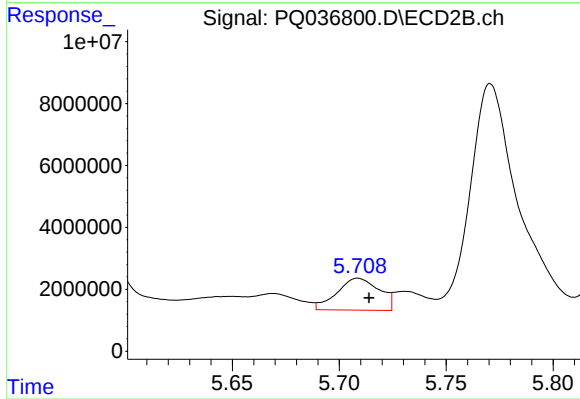
R.T.: 5.586 min
Delta R.T.: 0.018 min
Response: 63627330
Conc: 475.25 ng/ml



#27 AR-1254-2

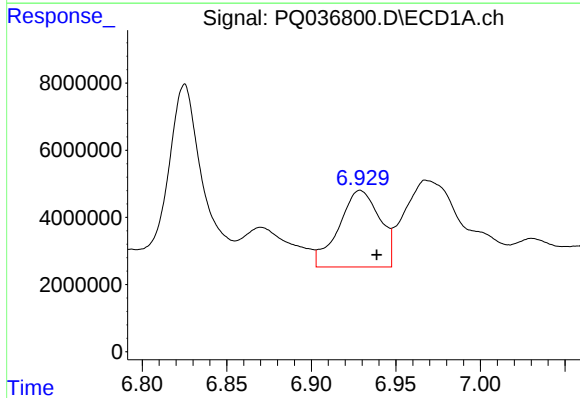
R.T.: 6.563 min
Delta R.T.: -0.007 min
Response: 64462770
Conc: 247.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



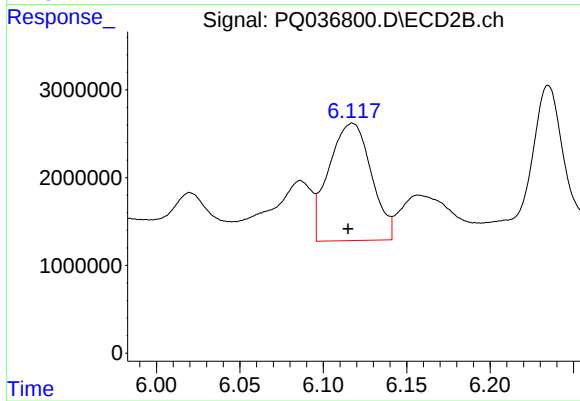
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 14204842
Conc: 128.36 ng/ml



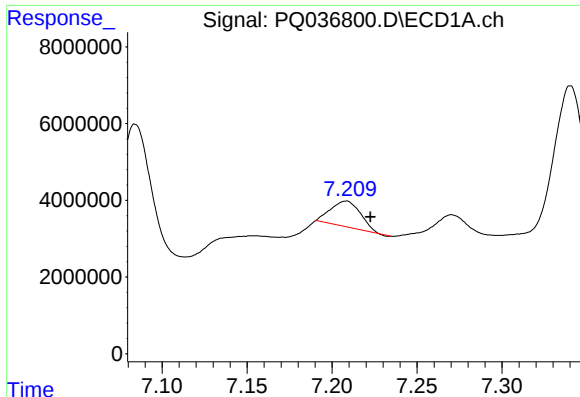
#28 AR-1254-3

R.T.: 6.929 min
Delta R.T.: -0.010 min
Response: 38384317
Conc: 143.37 ng/ml



#28 AR-1254-3

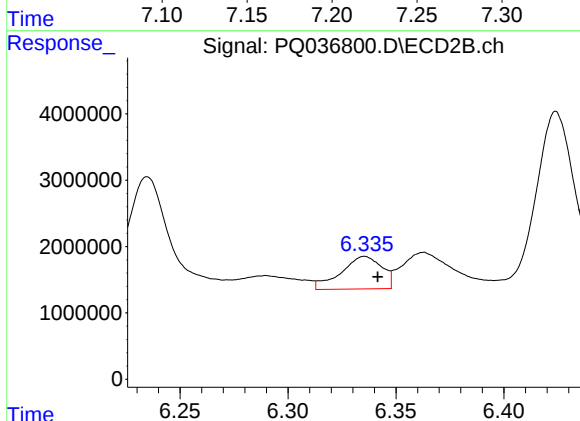
R.T.: 6.117 min
Delta R.T.: 0.003 min
Response: 23662946
Conc: 131.46 ng/ml



#29 AR-1254-4

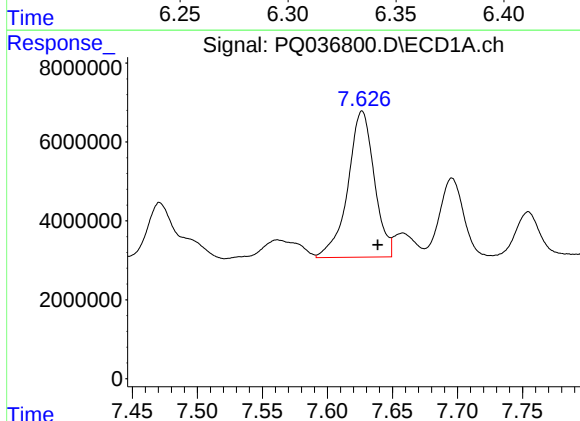
R.T.: 7.208 min
Delta R.T.: -0.014 min
Response: 8117650
Conc: 40.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



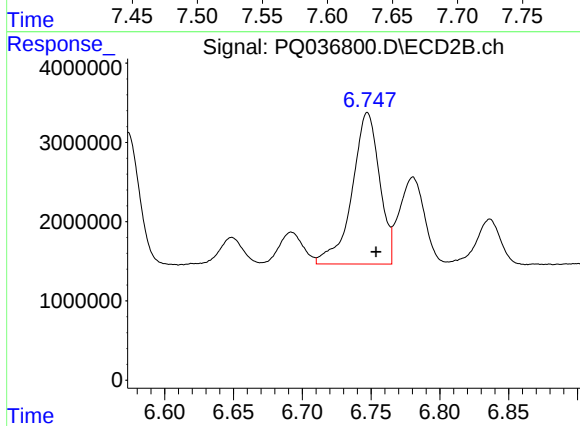
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: -0.006 min
Response: 6451126
Conc: 48.89 ng/ml



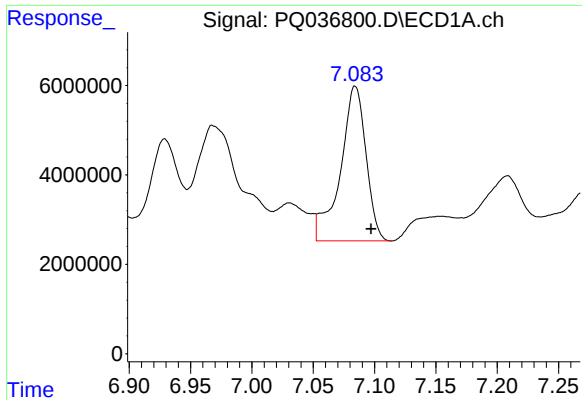
#30 AR-1254-5

R.T.: 7.627 min
Delta R.T.: -0.012 min
Response: 52346486
Conc: 256.40 ng/ml



#30 AR-1254-5

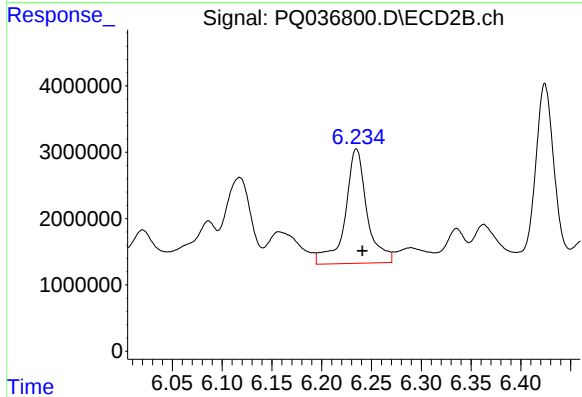
R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 26598701
Conc: 177.11 ng/ml



#31 AR-1260-1

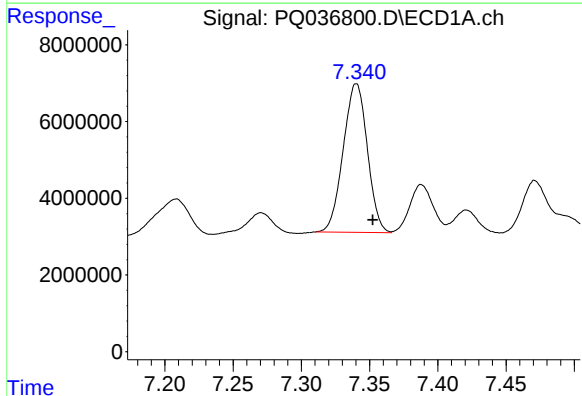
R.T.: 7.084 min
Delta R.T.: -0.013 min
Response: 50376333
Conc: 258.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



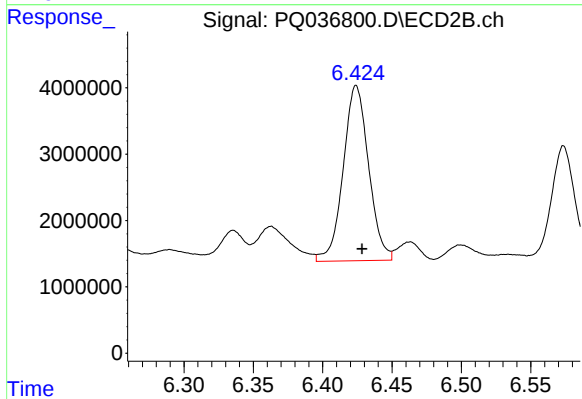
#31 AR-1260-1

R.T.: 6.235 min
Delta R.T.: -0.006 min
Response: 26452239
Conc: 230.44 ng/ml



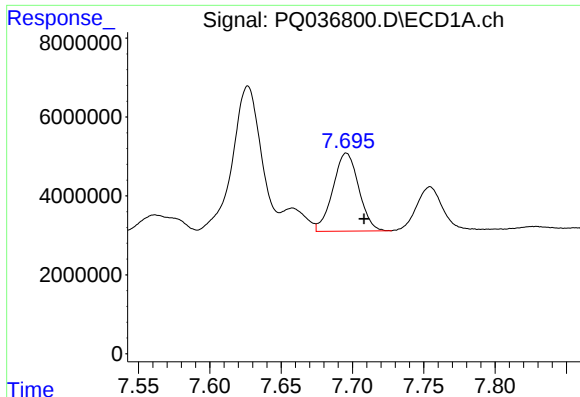
#32 AR-1260-2

R.T.: 7.340 min
Delta R.T.: -0.012 min
Response: 47759800
Conc: 206.81 ng/ml



#32 AR-1260-2

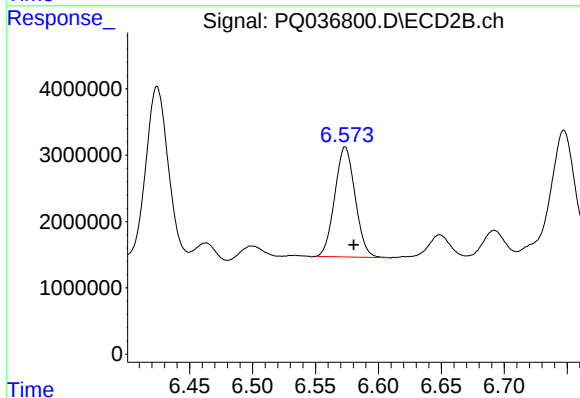
R.T.: 6.424 min
Delta R.T.: -0.004 min
Response: 33729781
Conc: 239.92 ng/ml



#33 AR-1260-3

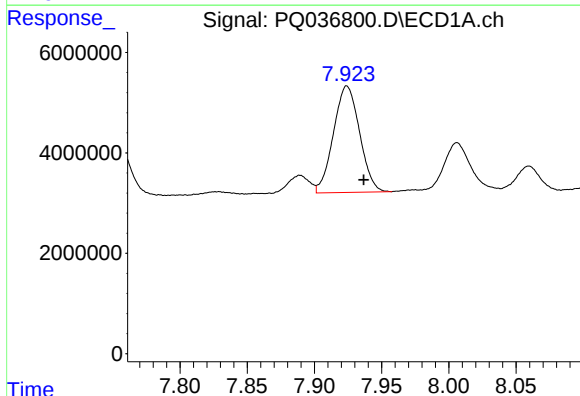
R.T.: 7.696 min
Delta R.T.: -0.012 min
Response: 24949083
Conc: 173.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



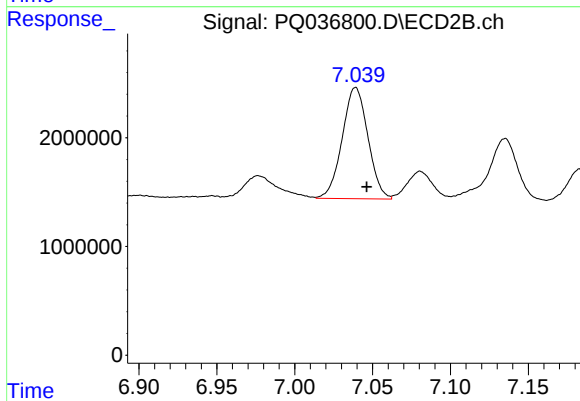
#33 AR-1260-3

R.T.: 6.574 min
Delta R.T.: -0.007 min
Response: 18696511
Conc: 145.87 ng/ml



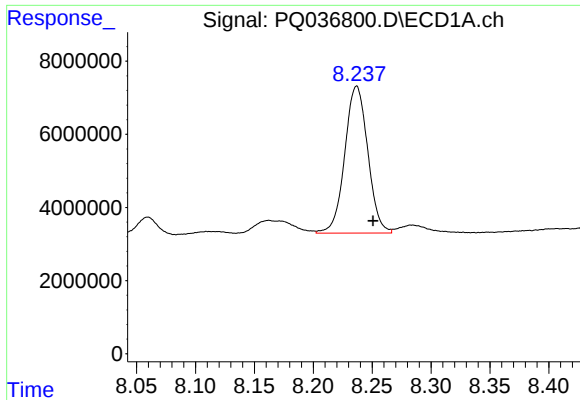
#34 AR-1260-4

R.T.: 7.924 min
Delta R.T.: -0.012 min
Response: 28710253
Conc: 168.62 ng/ml



#34 AR-1260-4

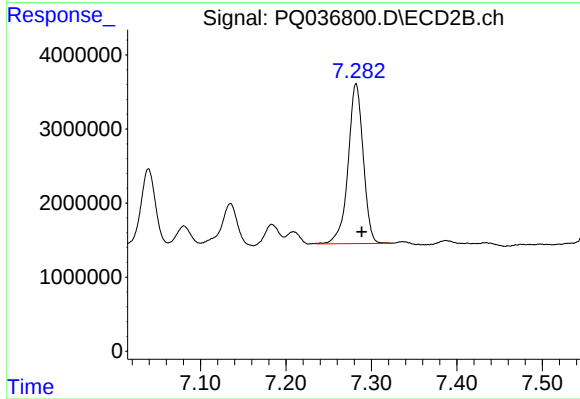
R.T.: 7.039 min
Delta R.T.: -0.007 min
Response: 11784642
Conc: 135.35 ng/ml



#35 AR-1260-5

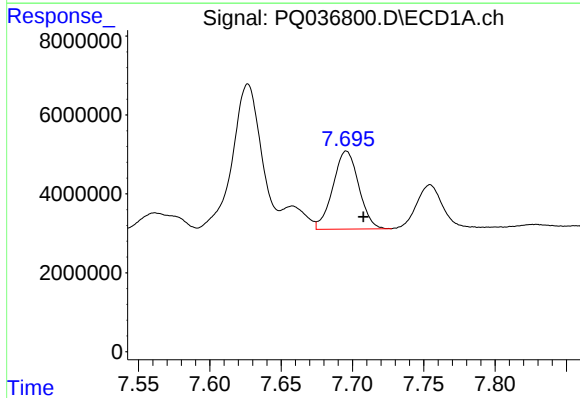
R.T.: 8.237 min
Delta R.T.: -0.014 min
Response: 54681440
Conc: 162.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



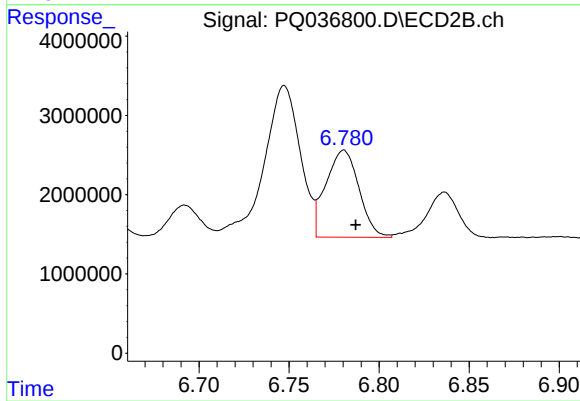
#35 AR-1260-5

R.T.: 7.282 min
Delta R.T.: -0.007 min
Response: 26578451
Conc: 121.73 ng/ml



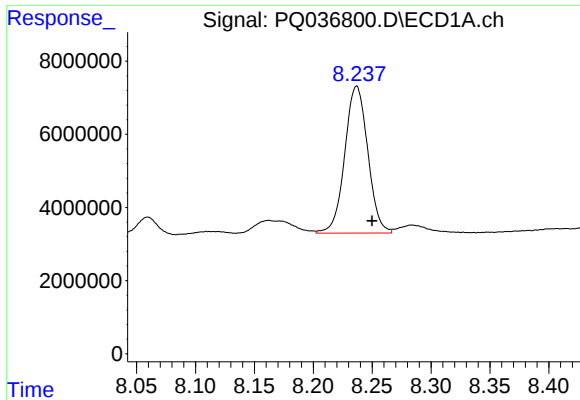
#36 AR-1262-1

R.T.: 7.696 min
Delta R.T.: -0.012 min
Response: 24949083
Conc: 90.07 ng/ml



#36 AR-1262-1

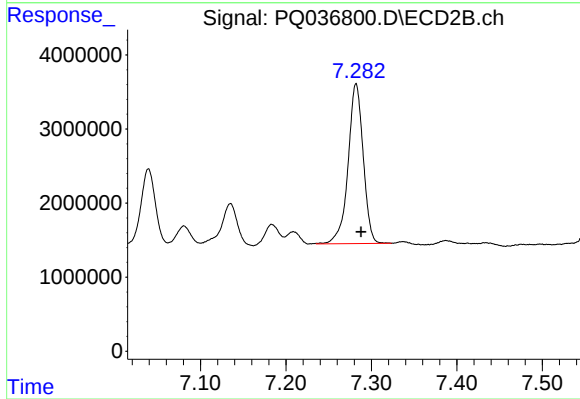
R.T.: 6.780 min
Delta R.T.: -0.007 min
Response: 14030901
Conc: 83.60 ng/ml



#37 AR-1262-2

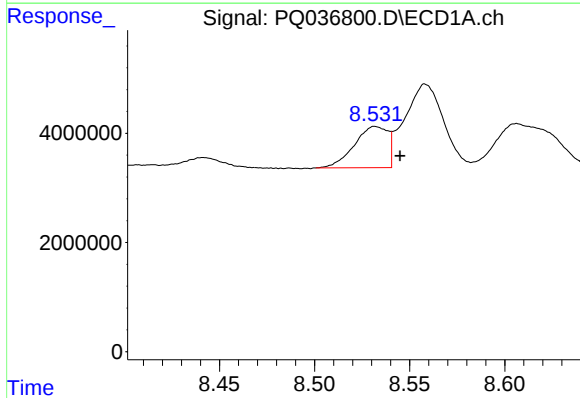
R.T.: 8.237 min
Delta R.T.: -0.013 min
Response: 54681440
Conc: 111.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



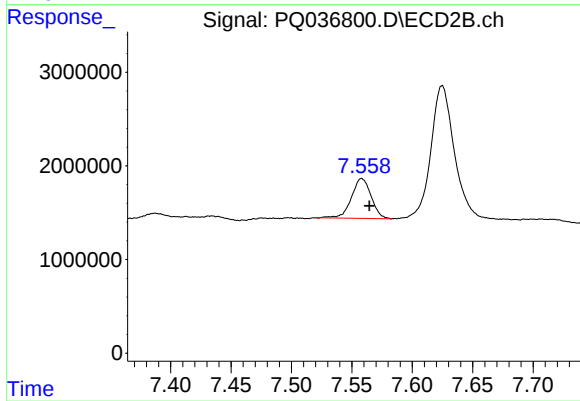
#37 AR-1262-2

R.T.: 7.282 min
Delta R.T.: -0.006 min
Response: 26578451
Conc: 87.77 ng/ml



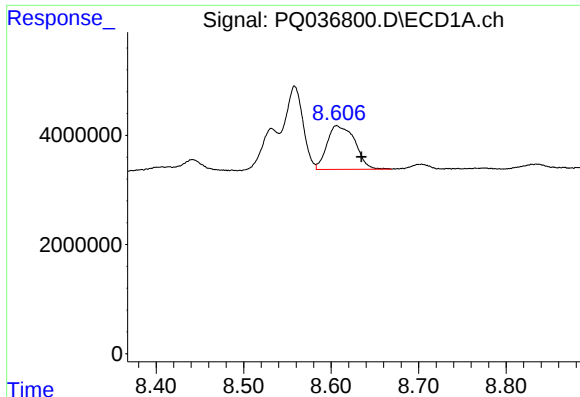
#38 AR-1262-3

R.T.: 8.532 min
Delta R.T.: -0.013 min
Response: 9256946
Conc: 44.51 ng/ml



#38 AR-1262-3

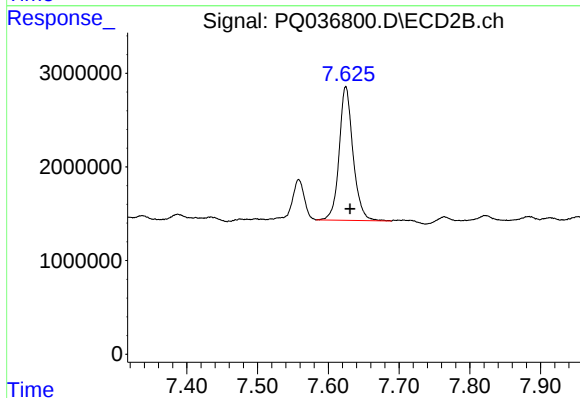
R.T.: 7.558 min
Delta R.T.: -0.006 min
Response: 4836285
Conc: 43.06 ng/ml



#39 AR-1262-4

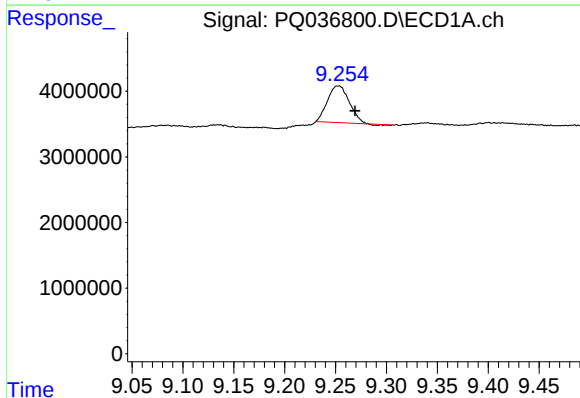
R.T.: 8.606 min
Delta R.T.: -0.028 min
Response: 17736948
Conc: 73.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



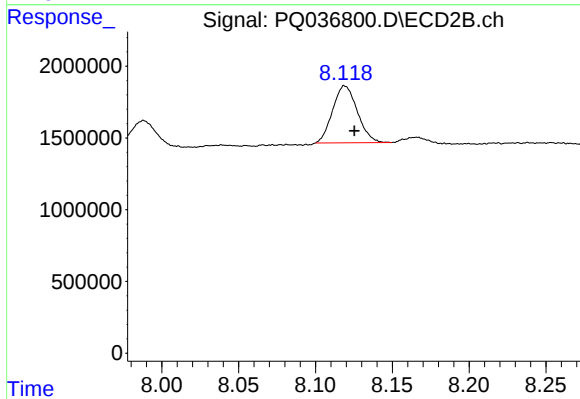
#39 AR-1262-4

R.T.: 7.625 min
Delta R.T.: -0.006 min
Response: 19439316
Conc: 90.11 ng/ml



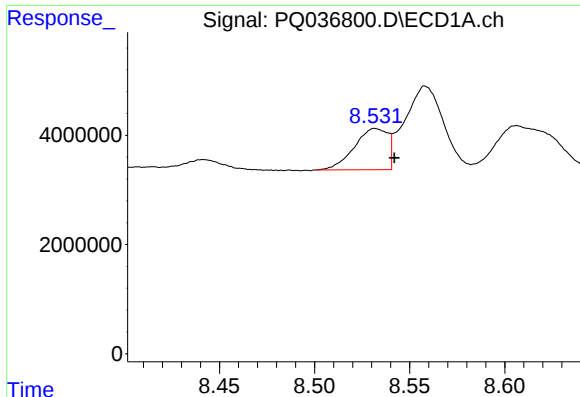
#40 AR-1262-5

R.T.: 9.253 min
Delta R.T.: -0.016 min
Response: 8220550
Conc: 50.52 ng/ml



#40 AR-1262-5

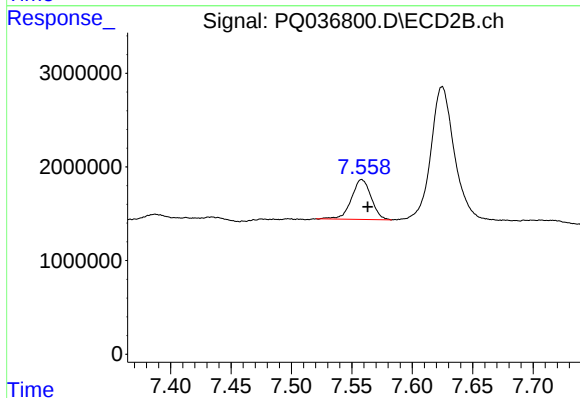
R.T.: 8.119 min
Delta R.T.: -0.006 min
Response: 4444310
Conc: 47.26 ng/ml



#41 AR-1268-1

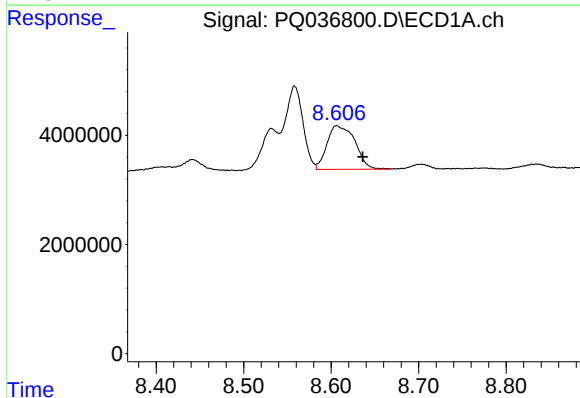
R.T.: 8.532 min
Delta R.T.: -0.010 min
Response: 9256946
Conc: 14.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



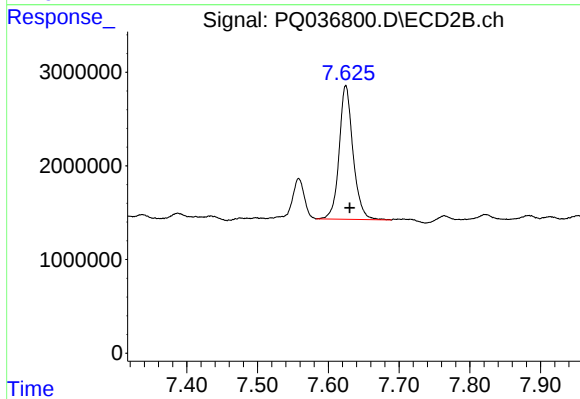
#41 AR-1268-1

R.T.: 7.558 min
Delta R.T.: -0.005 min
Response: 4836285
Conc: 13.31 ng/ml



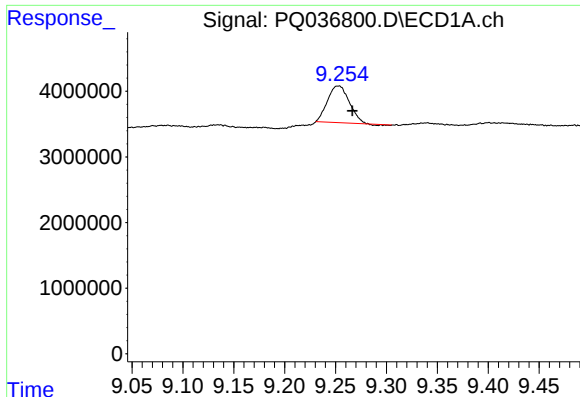
#42 AR-1268-2

R.T.: 8.606 min
Delta R.T.: -0.030 min
Response: 17736948
Conc: 30.14 ng/ml



#42 AR-1268-2

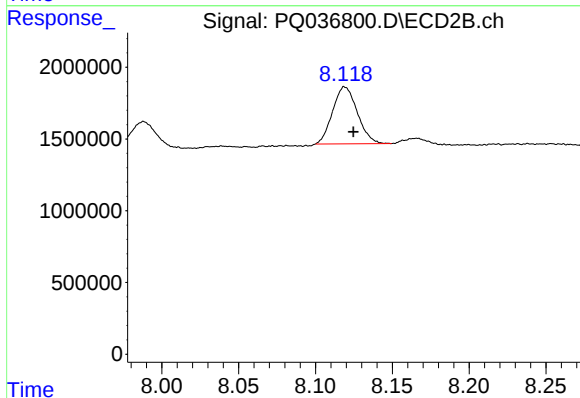
R.T.: 7.625 min
Delta R.T.: -0.005 min
Response: 19439316
Conc: 58.67 ng/ml



#44 AR-1268-4

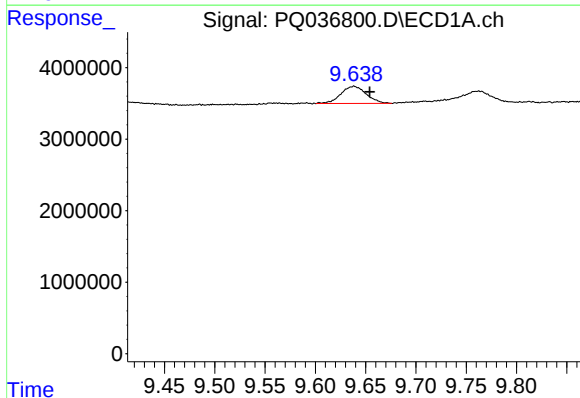
R.T.: 9.253 min
Delta R.T.: -0.014 min
Response: 8220550
Conc: 42.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-U



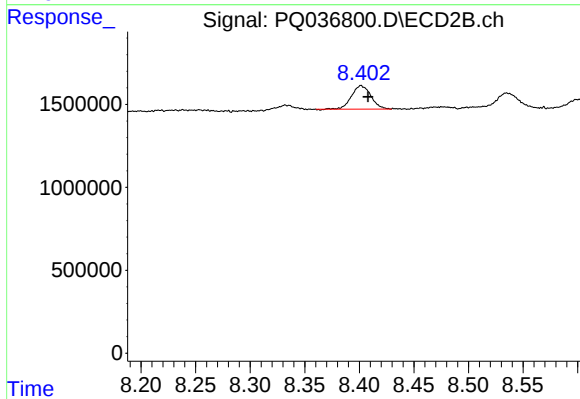
#44 AR-1268-4

R.T.: 8.119 min
Delta R.T.: -0.006 min
Response: 4444310
Conc: 39.81 ng/ml



#45 AR-1268-5

R.T.: 9.638 min
Delta R.T.: -0.016 min
Response: 4257598
Conc: 2.62 ng/ml



#45 AR-1268-5

R.T.: 8.402 min
Delta R.T.: -0.007 min
Response: 1743091
Conc: 2.01 ng/ml