

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070220\
 Data File : PQ048596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2020 13:21
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 15:52:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ061720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 17 15:37:20 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...	5.283	4.285	411.4E6	207.3E6	55.812	58.719
2)	SA Decachlor...	11.552	9.656	419.0E6	216.9E6	43.304	45.065
Target Compounds							
3)	L1 AR-1016-1	6.614	5.551	141.6E6	74917977	493.534	530.232
4)	L1 AR-1016-2	6.639	5.572	195.2E6	102.8E6	492.524	532.619
5)	L1 AR-1016-3	6.706	5.765	120.6E6	47879036	488.912	504.014
6)	L1 AR-1016-4	6.814	5.815	99963003	38772437	490.388	499.510
7)	L1 AR-1016-5	7.129	6.046	92444293	55504601	455.754	516.244
8)	L2 AR-1221-1	5.530	4.542	11920839	7303572	160.239	197.915
9)	L2 AR-1221-2	5.636	4.644	18299762	9140910	317.738	339.542
10)	L2 AR-1221-3	5.724	4.733	67993383	34318325	379.281	400.616
11)	L3 AR-1232-1	5.724	4.733	67993383	34318325	536.187	575.697
12)	L3 AR-1232-2	6.318	5.572	91959607	102.8E6	1387.638	1558.908
13)	L3 AR-1232-3	6.639	5.765	195.2E6	47879036	1405.450	1456.476
14)	L3 AR-1232-4	6.814	5.860	99963003	48664597	1413.682	1565.901
15)	L3 AR-1232-5	6.909	6.046	85139298	55504601	1521.923	1578.977
16)	L4 AR-1242-1	6.614	5.551	141.6E6	74917977	671.473	724.112
17)	L4 AR-1242-2	6.639	5.572	195.2E6	102.8E6	660.664	729.230
18)	L4 AR-1242-3	6.706	5.765	120.6E6	47879036	656.247	672.233
19)	L4 AR-1242-4	6.814	5.860	99963003	48664597	660.003	666.834
20)	L4 AR-1242-5	7.600	6.426	14628735	40183020	82.793	385.598 #
21)	L5 AR-1248-1	6.614	5.551	141.6E6	74917977	880.229	962.290
22)	L5 AR-1248-2	6.909	5.815	85139298	38772437	383.380	384.736
23)	L5 AR-1248-3	7.129	5.860	92444293	48664597	371.419	465.832 #
24)	L5 AR-1248-4	7.560	6.046	17434701	55504601	58.622	421.940 #
25)	L5 AR-1248-5	7.600	6.470	14628735	6375483	51.710	46.792
26)	L6 AR-1254-1	7.529	6.426	63182734	40183020	208.832	179.654
27)	L6 AR-1254-2	7.756	6.585	68586683	37097861	143.129	186.649 #
28)	L6 AR-1254-3	8.144	7.025	39748797	74766553	75.470	217.641 #
29)	L6 AR-1254-4	8.440	7.245	28198648	10779319	68.308	47.823 #
30)	L6 AR-1254-5	8.872	7.676	235.5E6	142.9E6	514.894	451.401
31)	L7 AR-1260-1	8.310	7.144	159.9E6	103.3E6	424.119	475.383
32)	L7 AR-1260-2	8.575	7.340	194.5E6	127.8E6	423.416	474.038
33)	L7 AR-1260-3	8.945	7.497	153.1E6	118.3E6	416.866	478.006
34)	L7 AR-1260-4	9.193	7.982	179.1E6	98496659	418.114	460.692
35)	L7 AR-1260-5	9.546	8.227	379.4E6	246.3E6	423.178	456.507
36)	L8 AR-1262-1	8.945	7.676	153.1E6	142.9E6	271.220	824.366 #
37)	L8 AR-1262-2	9.546	8.227	379.4E6	246.3E6	345.324	369.576
38)	L8 AR-1262-3	9.884	8.517	90870745	51722917	184.531	207.279
39)	L8 AR-1262-4	9.968	8.580	155.5E6	175.2E6	270.981	364.325 #
40)	L8 AR-1262-5	10.721	9.086	120.3E6	64318410	282.599	288.087
41)	L9 AR-1268-1	9.884	8.517	90870745	51722917	69.085	67.925

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

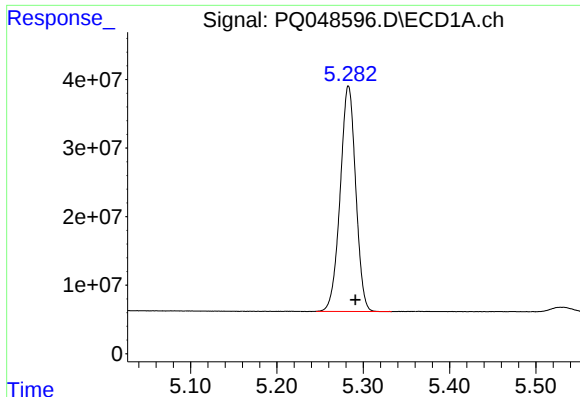
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 15:52:01 2020
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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	9.968	8.580	155.5E6	175.2E6	125.806	249.941 #
43) L9	AR-1268-3	10.237	8.792	8450309	4308691	8.099	7.485
44) L9	AR-1268-4	10.721	9.086	120.3E6	64318410	252.766	257.686
45) L9	AR-1268-5	11.178	9.391	36189143	18239141	10.074	9.427

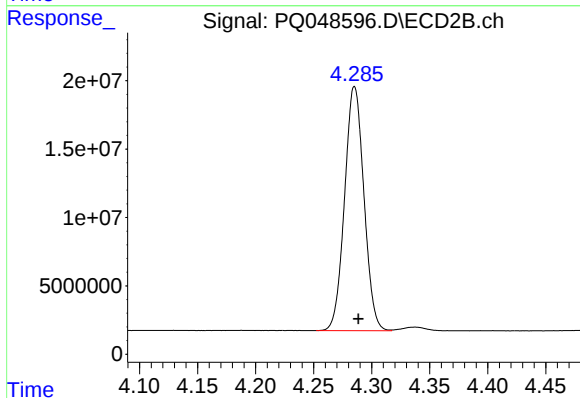
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

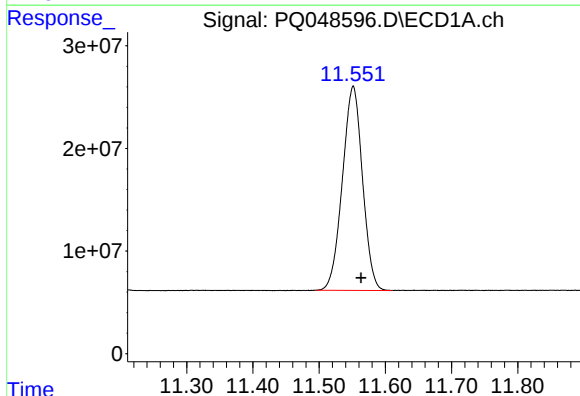
R.T.: 5.283 min
Delta R.T.: -0.008 min
Response: 411404179
Conc: 55.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



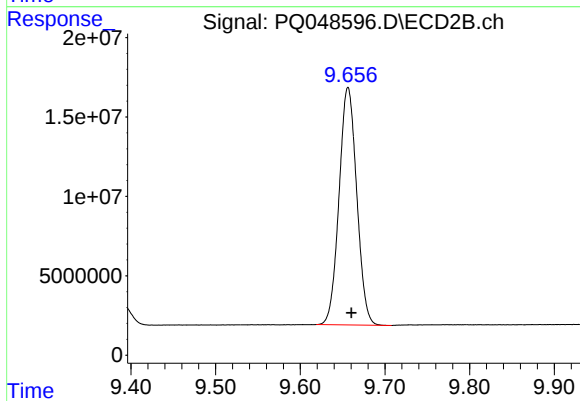
#1 Tetrachloro-m-xylene

R.T.: 4.285 min
Delta R.T.: -0.003 min
Response: 207312925
Conc: 58.72 ng/ml



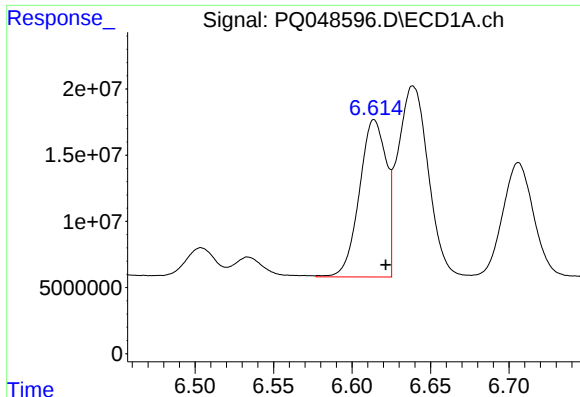
#2 Decachlorobiphenyl

R.T.: 11.552 min
Delta R.T.: -0.012 min
Response: 419014161
Conc: 43.30 ng/ml



#2 Decachlorobiphenyl

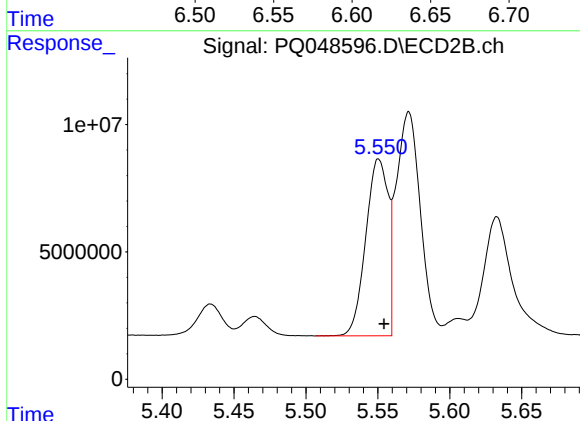
R.T.: 9.656 min
Delta R.T.: -0.004 min
Response: 216863743
Conc: 45.06 ng/ml



#3 AR-1016-1

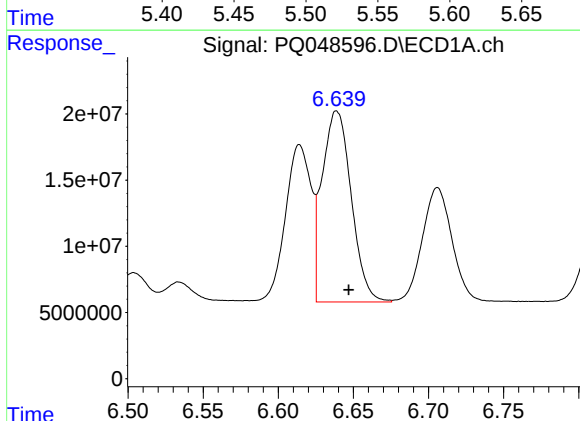
R.T.: 6.614 min
Delta R.T.: -0.007 min
Response: 141631593
Conc: 493.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



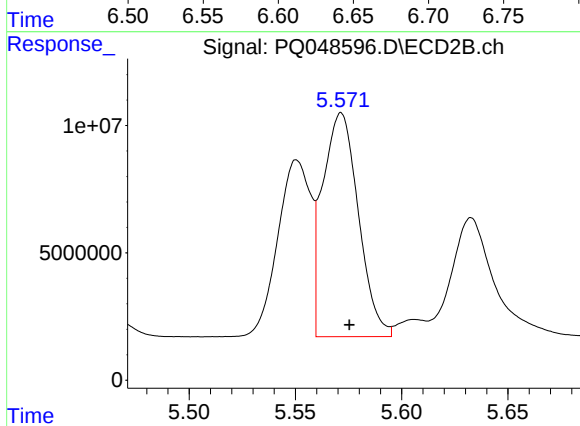
#3 AR-1016-1

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 74917977
Conc: 530.23 ng/ml



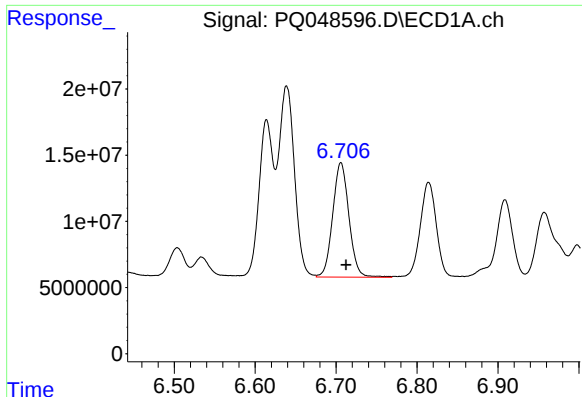
#4 AR-1016-2

R.T.: 6.639 min
Delta R.T.: -0.008 min
Response: 195210357
Conc: 492.52 ng/ml



#4 AR-1016-2

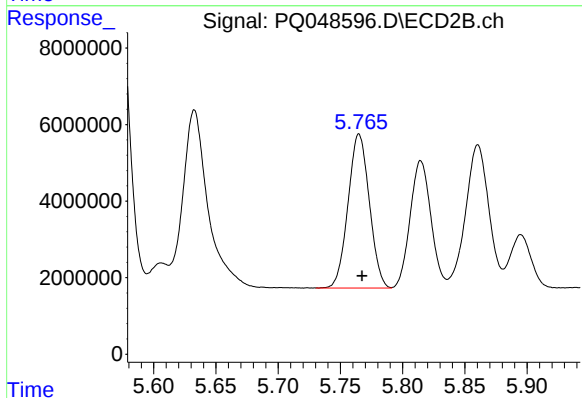
R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 102834476
Conc: 532.62 ng/ml



#5 AR-1016-3

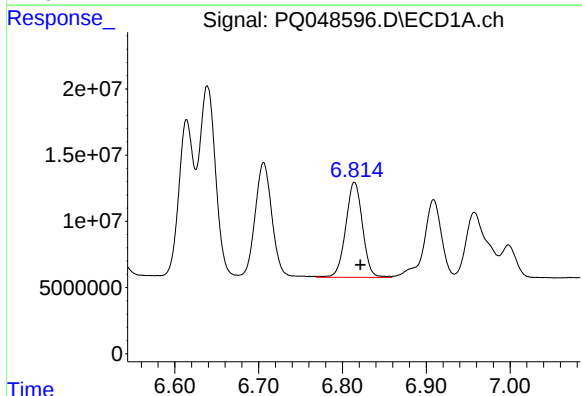
R.T.: 6.706 min
Delta R.T.: -0.006 min
Response: 120610004
Conc: 488.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



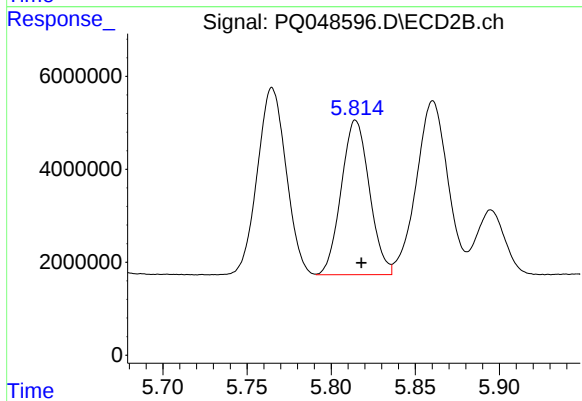
#5 AR-1016-3

R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 47879036
Conc: 504.01 ng/ml



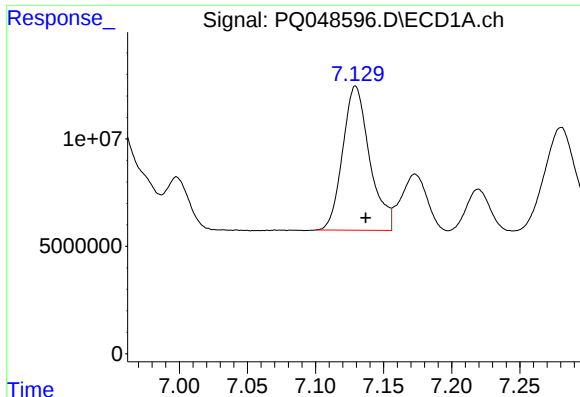
#6 AR-1016-4

R.T.: 6.814 min
Delta R.T.: -0.007 min
Response: 99963003
Conc: 490.39 ng/ml



#6 AR-1016-4

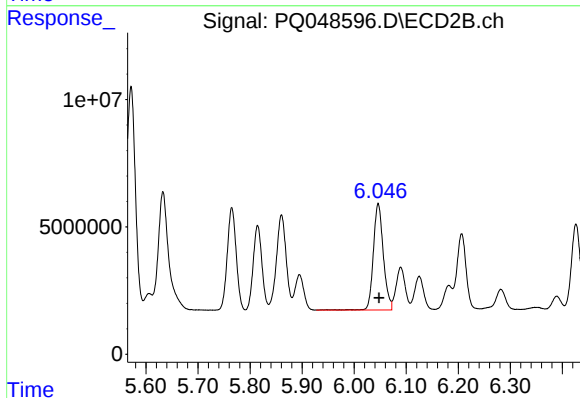
R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 38772437
Conc: 499.51 ng/ml



#7 AR-1016-5

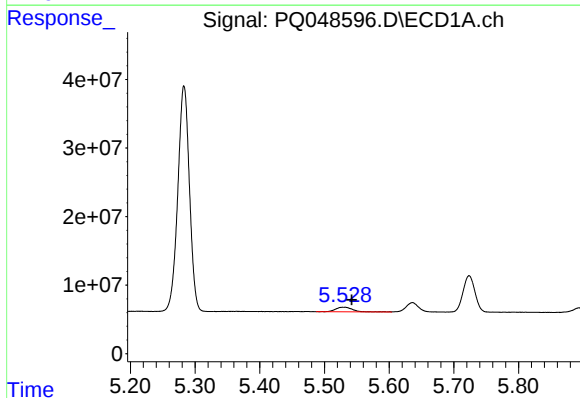
R.T.: 7.129 min
Delta R.T.: -0.008 min
Response: 92444293
Conc: 455.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



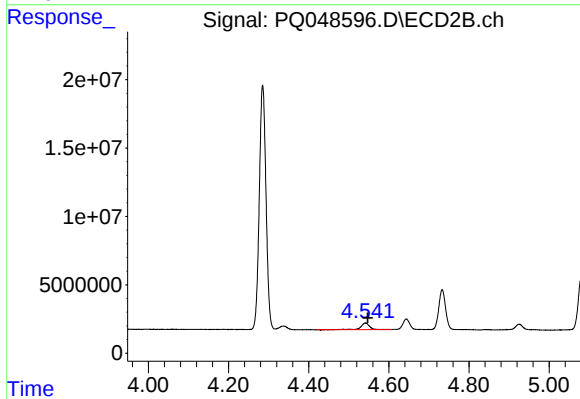
#7 AR-1016-5

R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 55504601
Conc: 516.24 ng/ml



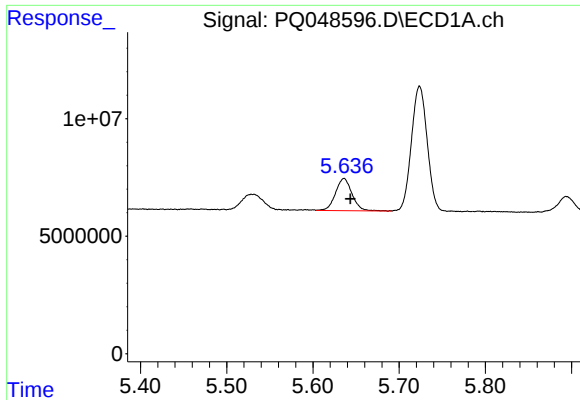
#8 AR-1221-1

R.T.: 5.530 min
Delta R.T.: -0.013 min
Response: 11920839
Conc: 160.24 ng/ml



#8 AR-1221-1

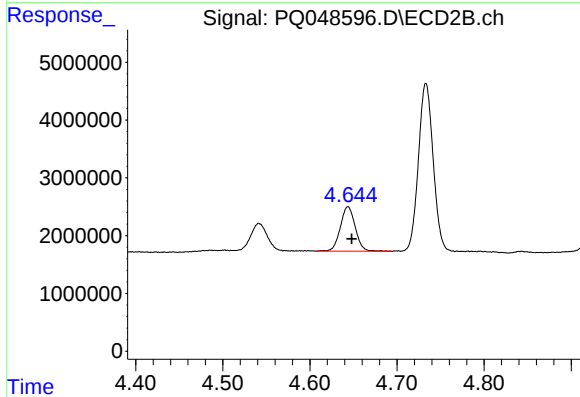
R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 7303572
Conc: 197.92 ng/ml



#9 AR-1221-2

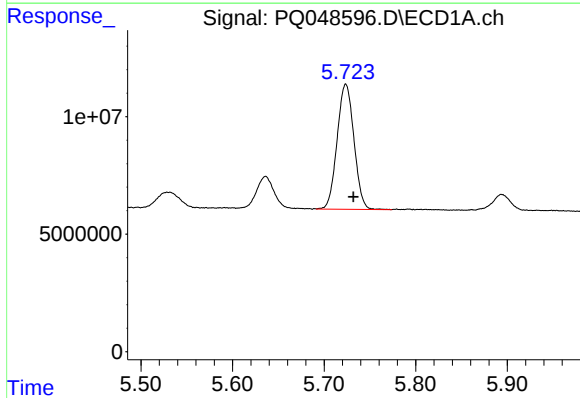
R.T.: 5.636 min
Delta R.T.: -0.007 min
Response: 18299762
Conc: 317.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



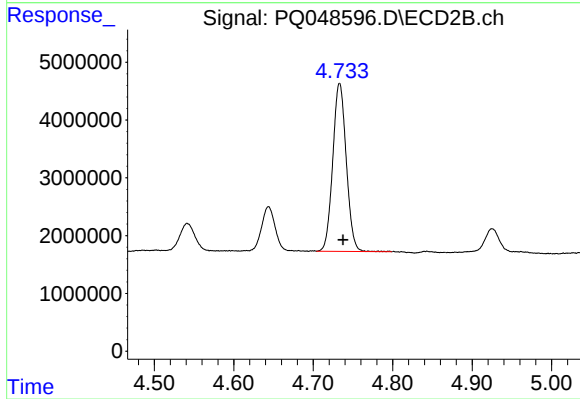
#9 AR-1221-2

R.T.: 4.644 min
Delta R.T.: -0.004 min
Response: 9140910
Conc: 339.54 ng/ml



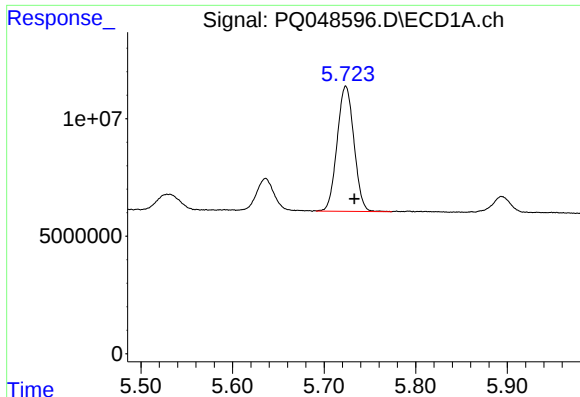
#10 AR-1221-3

R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 67993383
Conc: 379.28 ng/ml



#10 AR-1221-3

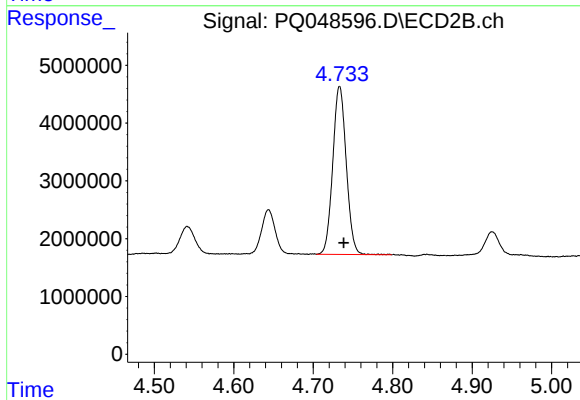
R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 34318325
Conc: 400.62 ng/ml



#11 AR-1232-1

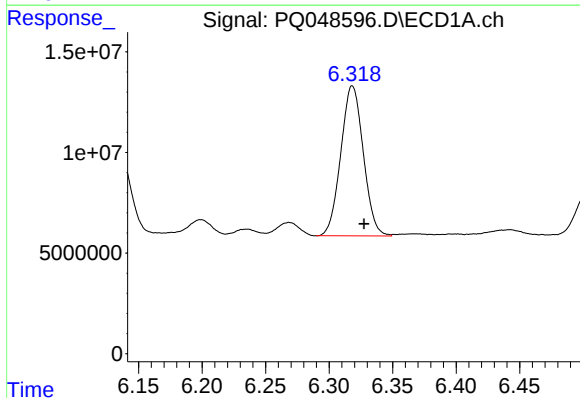
R.T.: 5.724 min
Delta R.T.: -0.009 min
Response: 67993383
Conc: 536.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



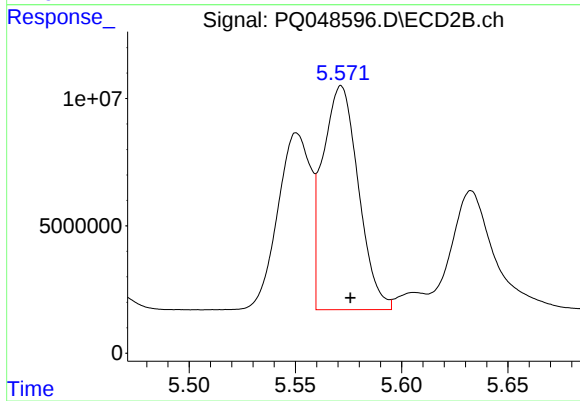
#11 AR-1232-1

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 34318325
Conc: 575.70 ng/ml



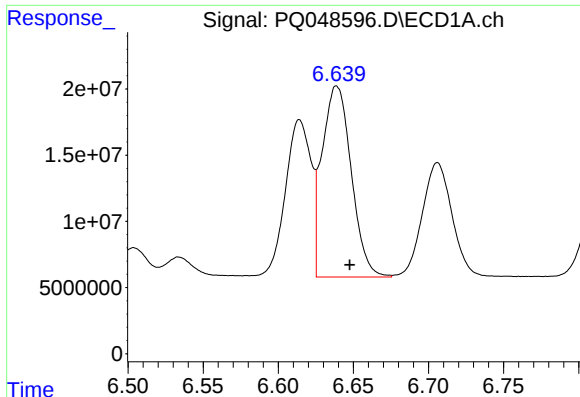
#12 AR-1232-2

R.T.: 6.318 min
Delta R.T.: -0.009 min
Response: 91959607
Conc: 1387.64 ng/ml



#12 AR-1232-2

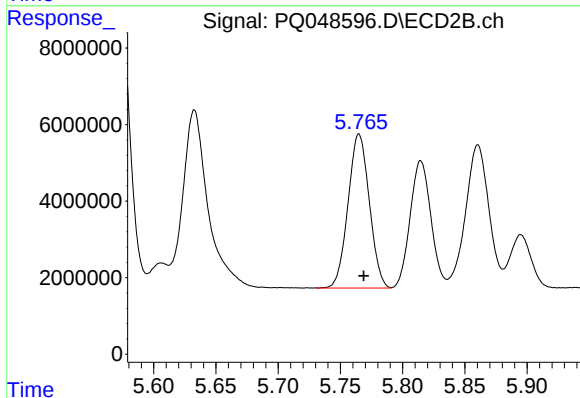
R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 102834476
Conc: 1558.91 ng/ml



#13 AR-1232-3

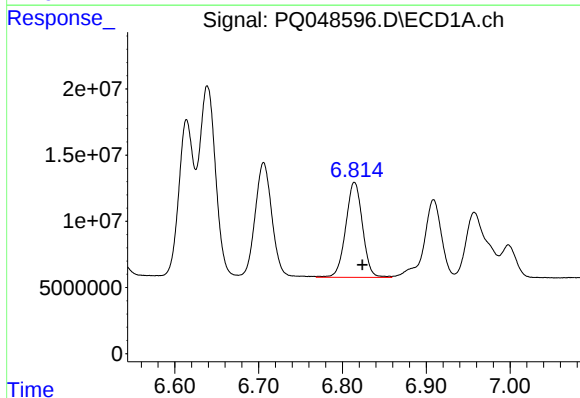
R.T.: 6.639 min
Delta R.T.: -0.009 min
Response: 195210357
Conc: 1405.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



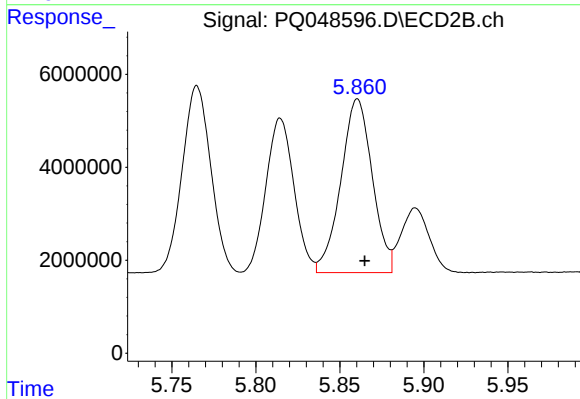
#13 AR-1232-3

R.T.: 5.765 min
Delta R.T.: -0.004 min
Response: 47879036
Conc: 1456.48 ng/ml



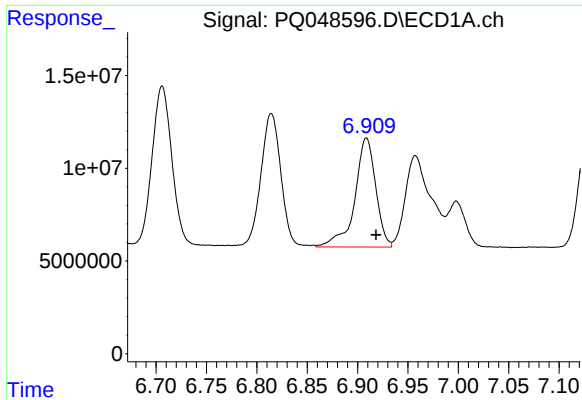
#14 AR-1232-4

R.T.: 6.814 min
Delta R.T.: -0.009 min
Response: 99963003
Conc: 1413.68 ng/ml



#14 AR-1232-4

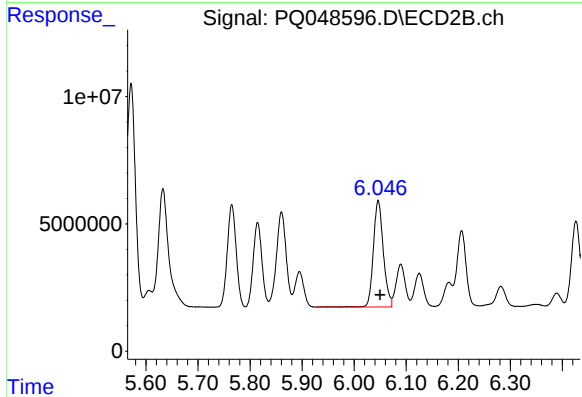
R.T.: 5.860 min
Delta R.T.: -0.004 min
Response: 48664597
Conc: 1565.90 ng/ml



#15 AR-1232-5

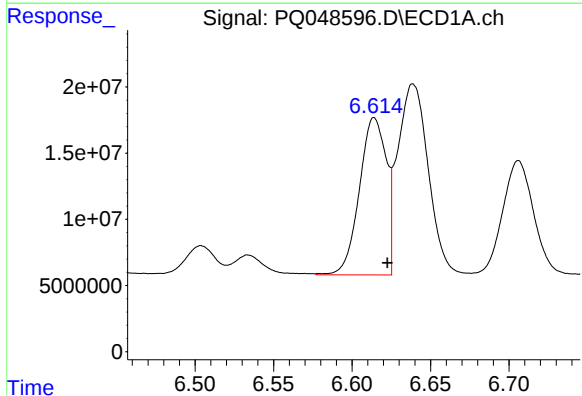
R.T.: 6.909 min
Delta R.T.: -0.009 min
Response: 85139298
Conc: 1521.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



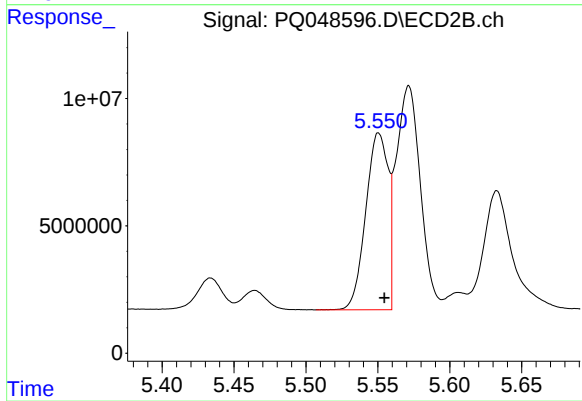
#15 AR-1232-5

R.T.: 6.046 min
Delta R.T.: -0.004 min
Response: 55504601
Conc: 1578.98 ng/ml



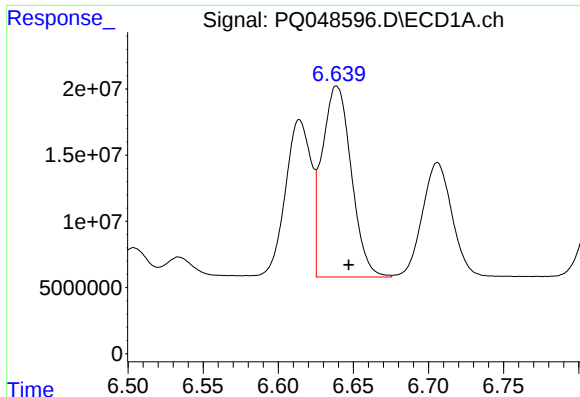
#16 AR-1242-1

R.T.: 6.614 min
Delta R.T.: -0.008 min
Response: 141631593
Conc: 671.47 ng/ml



#16 AR-1242-1

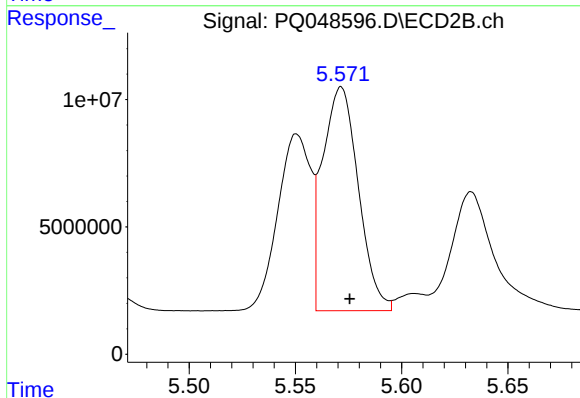
R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 74917977
Conc: 724.11 ng/ml



#17 AR-1242-2

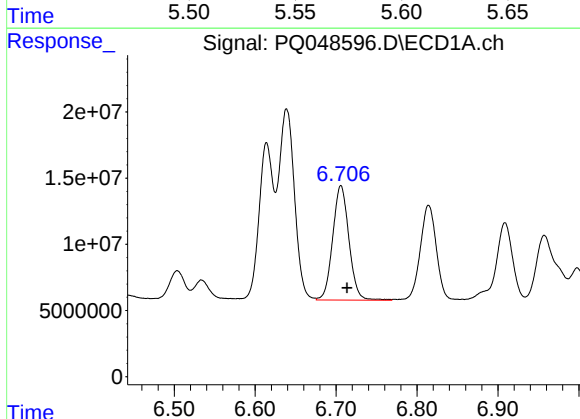
R.T.: 6.639 min
Delta R.T.: -0.008 min
Response: 195210357
Conc: 660.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



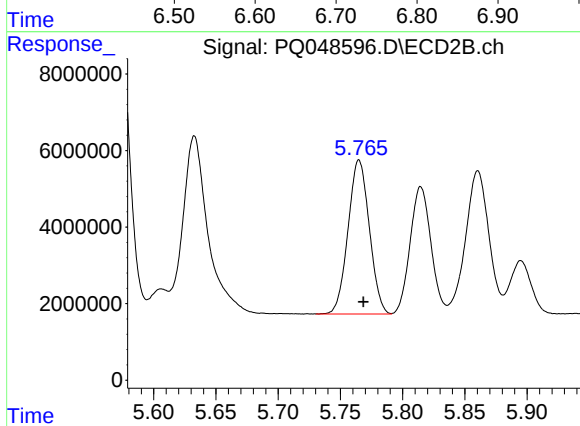
#17 AR-1242-2

R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 102834476
Conc: 729.23 ng/ml



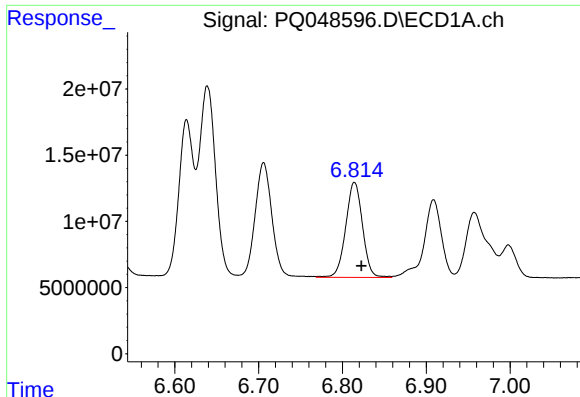
#18 AR-1242-3

R.T.: 6.706 min
Delta R.T.: -0.008 min
Response: 120610004
Conc: 656.25 ng/ml



#18 AR-1242-3

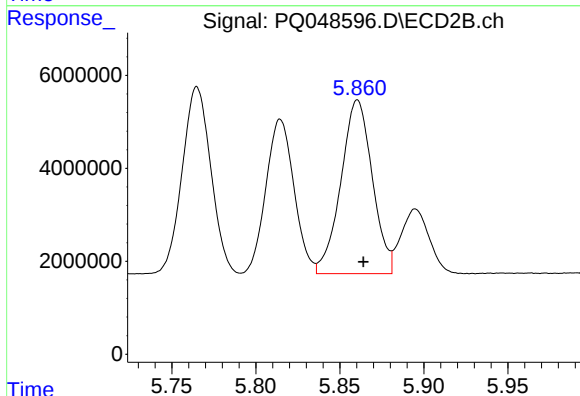
R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 47879036
Conc: 672.23 ng/ml



#19 AR-1242-4

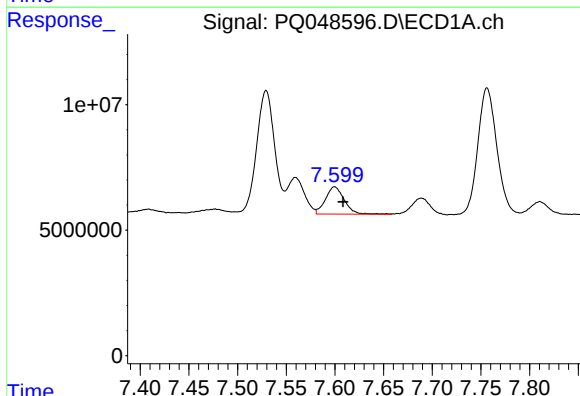
R.T.: 6.814 min
Delta R.T.: -0.008 min
Response: 99963003
Conc: 660.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



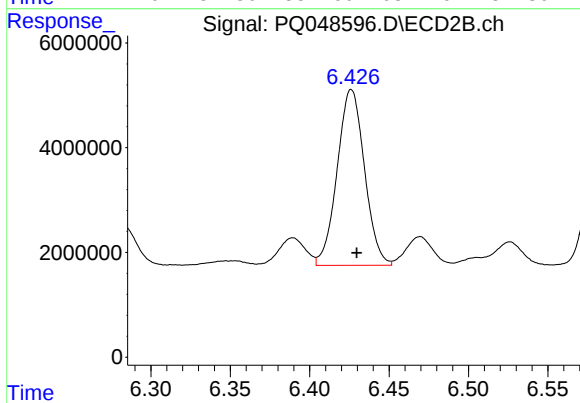
#19 AR-1242-4

R.T.: 5.860 min
Delta R.T.: -0.004 min
Response: 48664597
Conc: 666.83 ng/ml



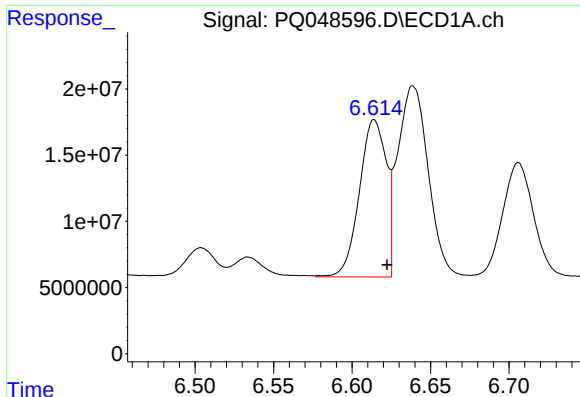
#20 AR-1242-5

R.T.: 7.600 min
Delta R.T.: -0.009 min
Response: 14628735
Conc: 82.79 ng/ml



#20 AR-1242-5

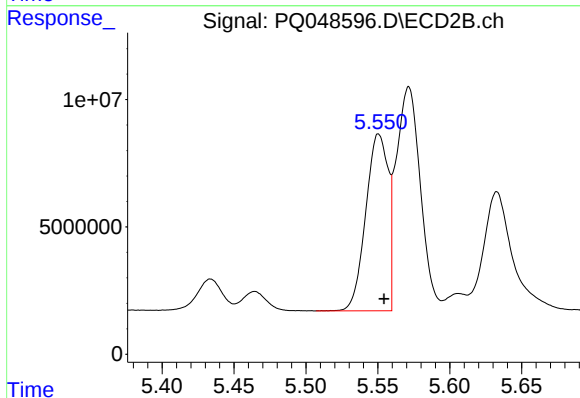
R.T.: 6.426 min
Delta R.T.: -0.003 min
Response: 40183020
Conc: 385.60 ng/ml



#21 AR-1248-1

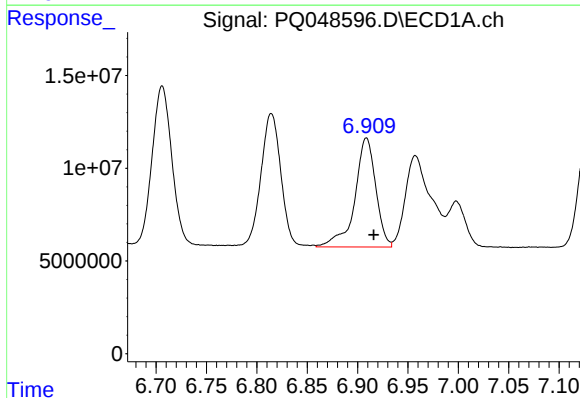
R.T.: 6.614 min
Delta R.T.: -0.008 min
Response: 141631593
Conc: 880.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



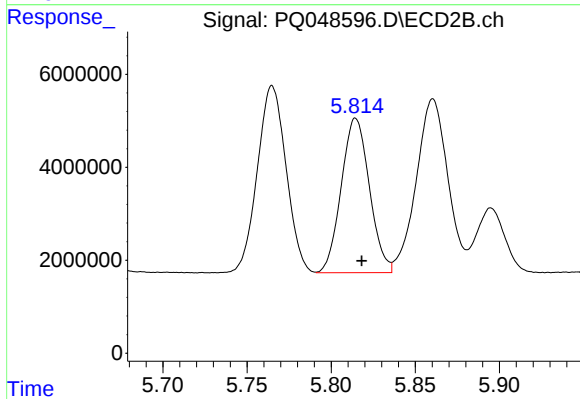
#21 AR-1248-1

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 74917977
Conc: 962.29 ng/ml



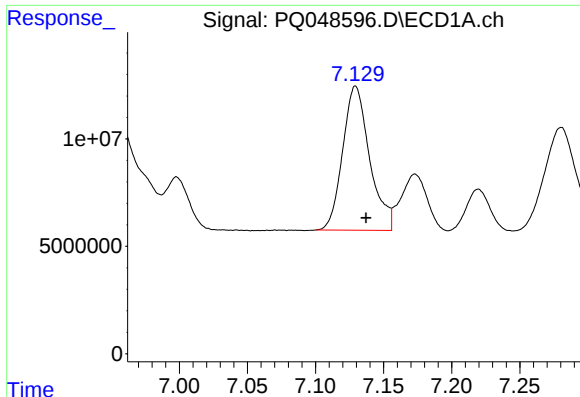
#22 AR-1248-2

R.T.: 6.909 min
Delta R.T.: -0.007 min
Response: 85139298
Conc: 383.38 ng/ml



#22 AR-1248-2

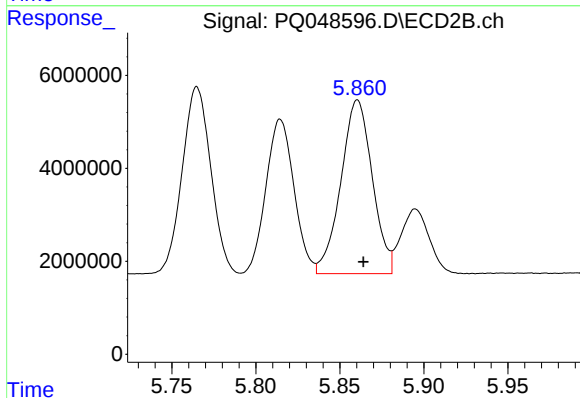
R.T.: 5.815 min
Delta R.T.: -0.004 min
Response: 38772437
Conc: 384.74 ng/ml



#23 AR-1248-3

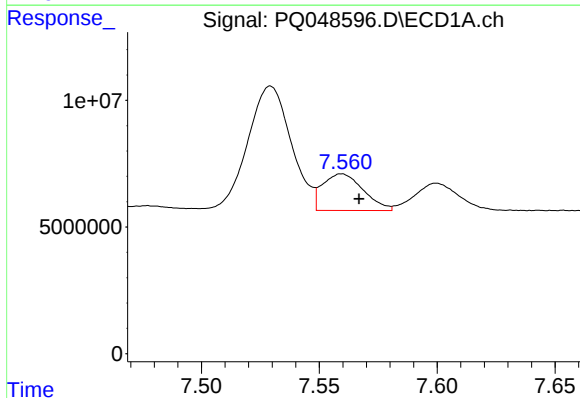
R.T.: 7.129 min
Delta R.T.: -0.008 min
Response: 92444293
Conc: 371.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



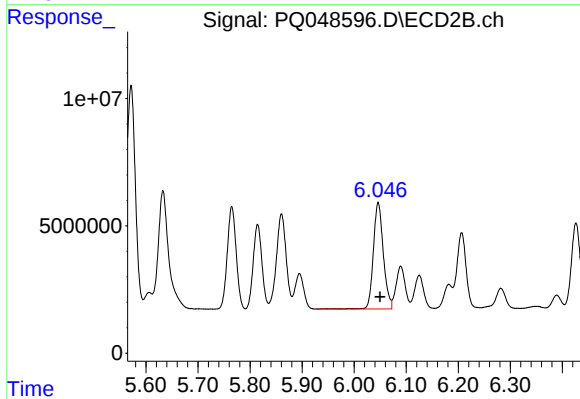
#23 AR-1248-3

R.T.: 5.860 min
Delta R.T.: -0.004 min
Response: 48664597
Conc: 465.83 ng/ml



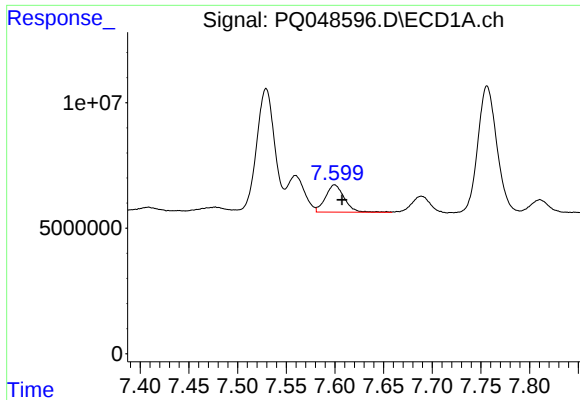
#24 AR-1248-4

R.T.: 7.560 min
Delta R.T.: -0.007 min
Response: 17434701
Conc: 58.62 ng/ml



#24 AR-1248-4

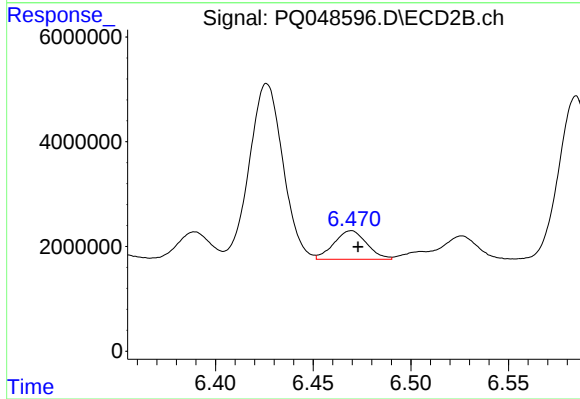
R.T.: 6.046 min
Delta R.T.: -0.003 min
Response: 55504601
Conc: 421.94 ng/ml



#25 AR-1248-5

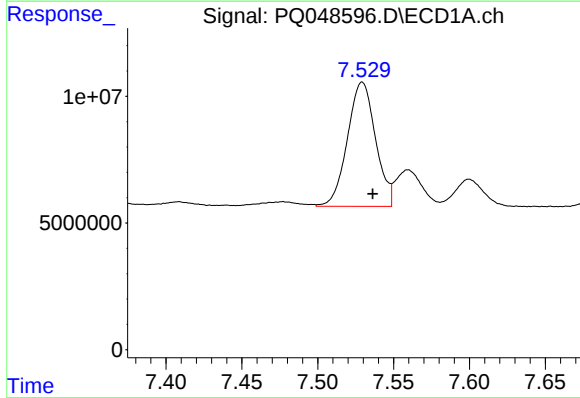
R.T.: 7.600 min
Delta R.T.: -0.008 min
Response: 14628735
Conc: 51.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



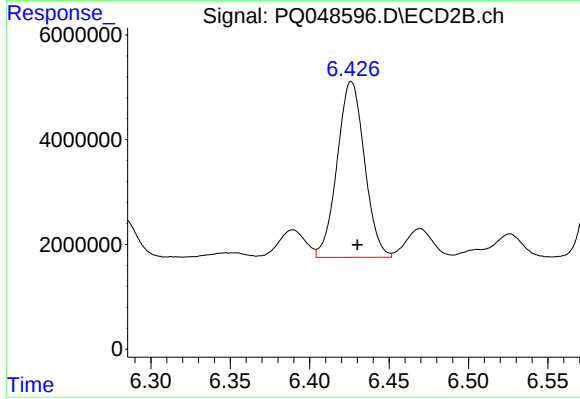
#25 AR-1248-5

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 6375483
Conc: 46.79 ng/ml



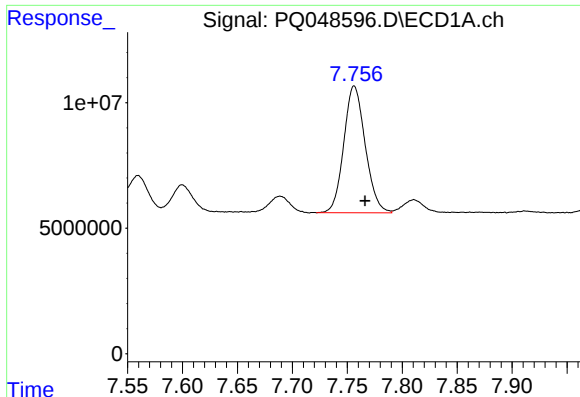
#26 AR-1254-1

R.T.: 7.529 min
Delta R.T.: -0.007 min
Response: 63182734
Conc: 208.83 ng/ml



#26 AR-1254-1

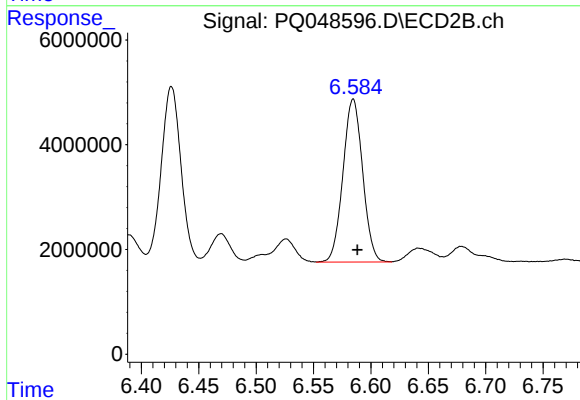
R.T.: 6.426 min
Delta R.T.: -0.004 min
Response: 40183020
Conc: 179.65 ng/ml



#27 AR-1254-2

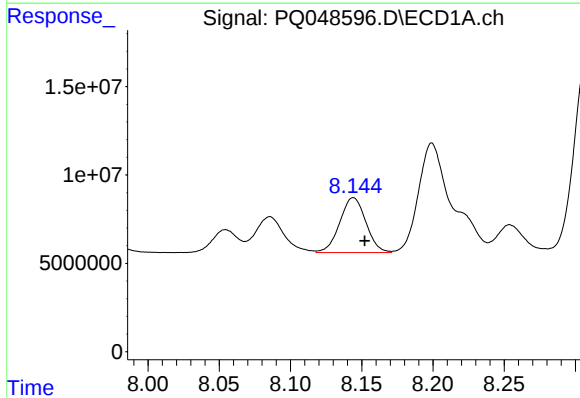
R.T.: 7.756 min
Delta R.T.: -0.010 min
Response: 68586683
Conc: 143.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



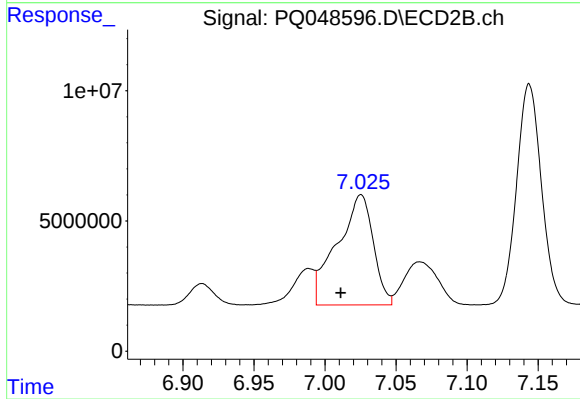
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 37097861
Conc: 186.65 ng/ml



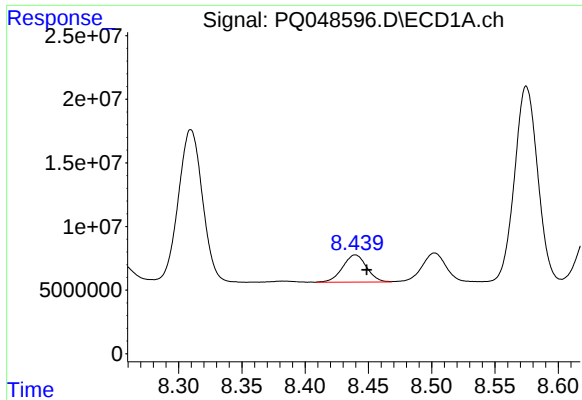
#28 AR-1254-3

R.T.: 8.144 min
Delta R.T.: -0.008 min
Response: 39748797
Conc: 75.47 ng/ml



#28 AR-1254-3

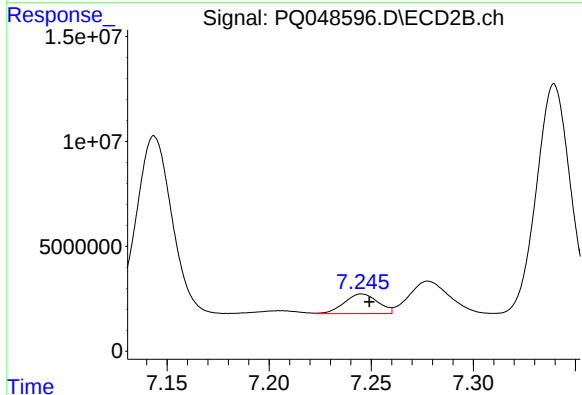
R.T.: 7.025 min
Delta R.T.: 0.014 min
Response: 74766553
Conc: 217.64 ng/ml



#29 AR-1254-4

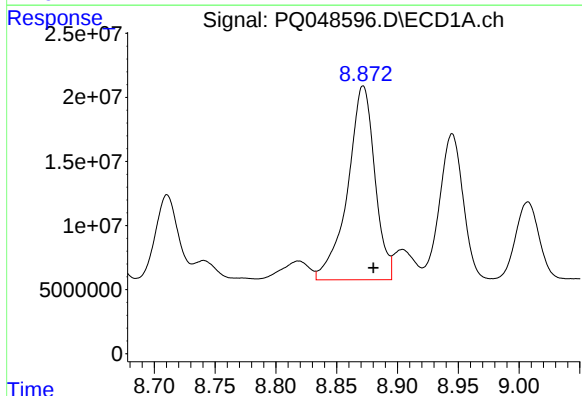
R.T.: 8.440 min
Delta R.T.: -0.009 min
Response: 28198648
Conc: 68.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



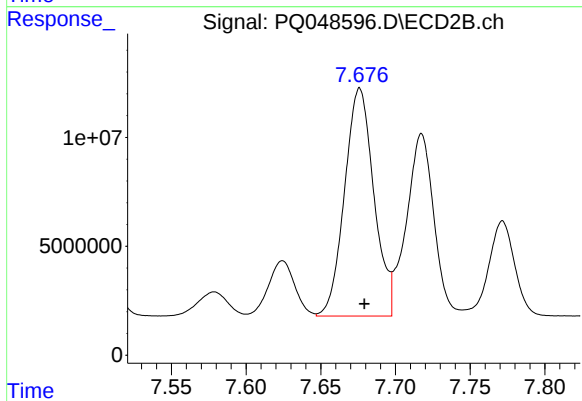
#29 AR-1254-4

R.T.: 7.245 min
Delta R.T.: -0.004 min
Response: 10779319
Conc: 47.82 ng/ml



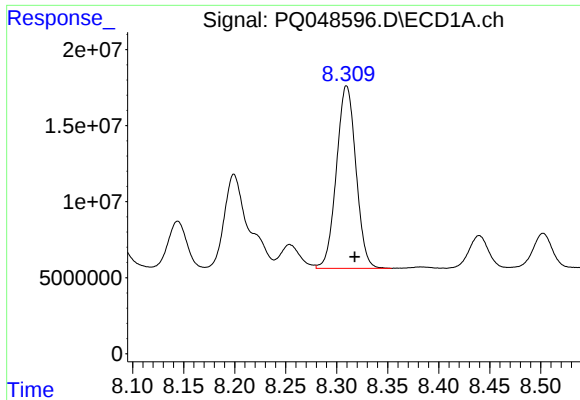
#30 AR-1254-5

R.T.: 8.872 min
Delta R.T.: -0.008 min
Response: 235530302
Conc: 514.89 ng/ml



#30 AR-1254-5

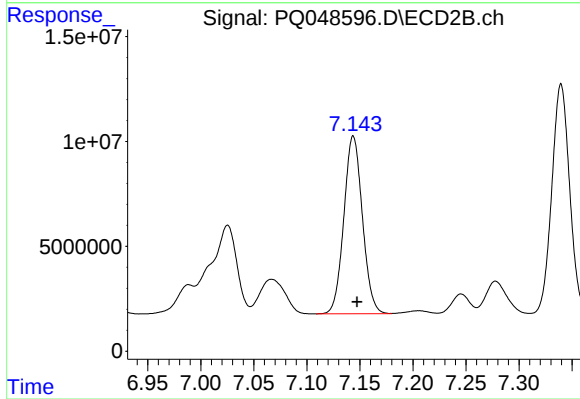
R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 142939377
Conc: 451.40 ng/ml



#31 AR-1260-1

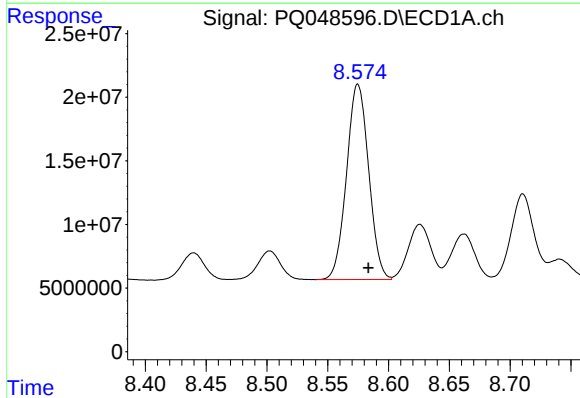
R.T.: 8.310 min
Delta R.T.: -0.008 min
Response: 159897751
Conc: 424.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



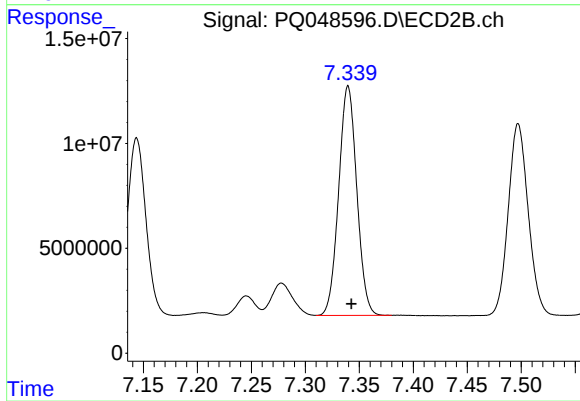
#31 AR-1260-1

R.T.: 7.144 min
Delta R.T.: -0.004 min
Response: 103260467
Conc: 475.38 ng/ml



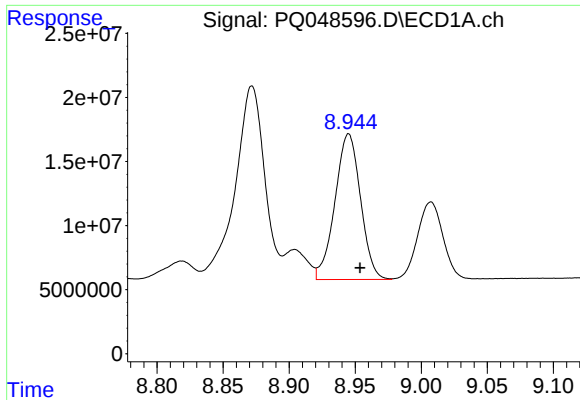
#32 AR-1260-2

R.T.: 8.575 min
Delta R.T.: -0.008 min
Response: 194500793
Conc: 423.42 ng/ml



#32 AR-1260-2

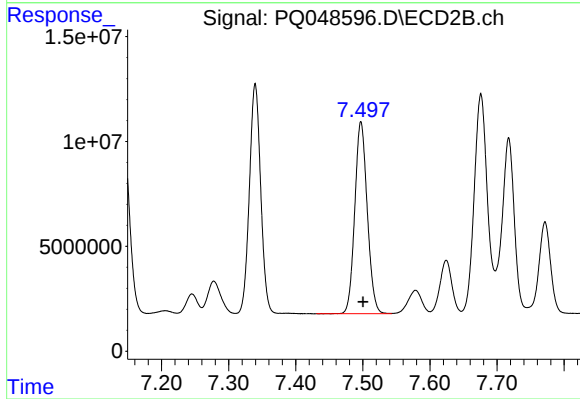
R.T.: 7.340 min
Delta R.T.: -0.003 min
Response: 127826865
Conc: 474.04 ng/ml



#33 AR-1260-3

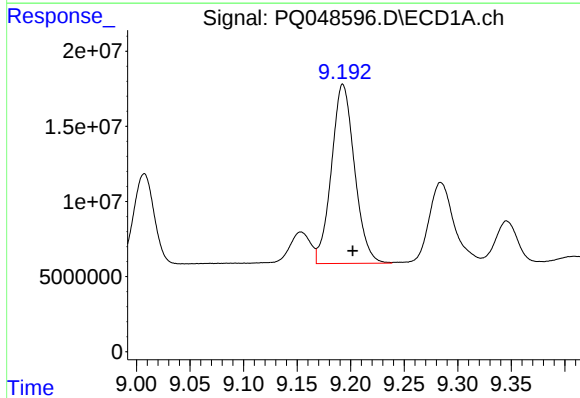
R.T.: 8.945 min
Delta R.T.: -0.009 min
Response: 153088256
Conc: 416.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



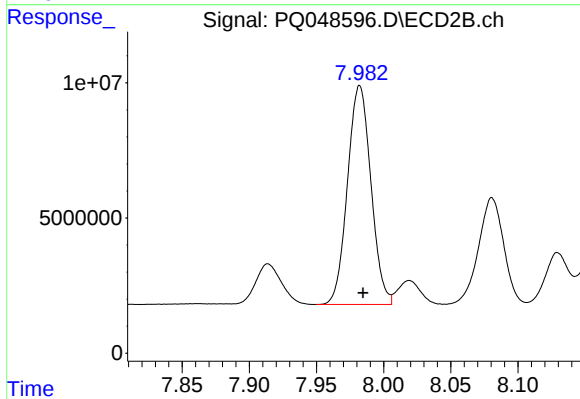
#33 AR-1260-3

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 118334268
Conc: 478.01 ng/ml



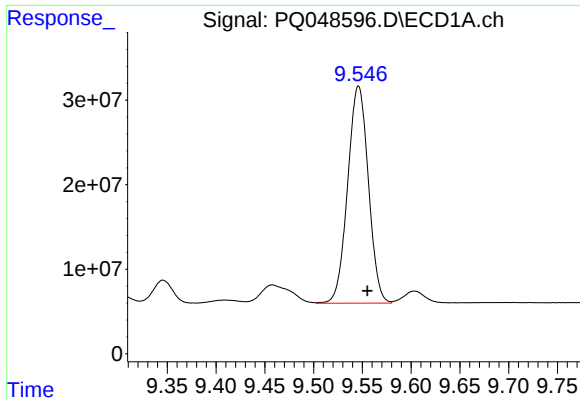
#34 AR-1260-4

R.T.: 9.193 min
Delta R.T.: -0.009 min
Response: 179120378
Conc: 418.11 ng/ml



#34 AR-1260-4

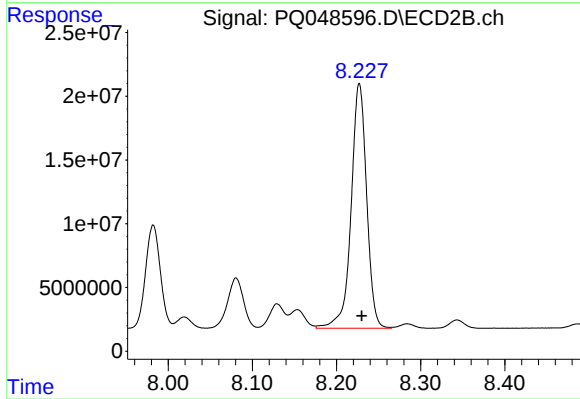
R.T.: 7.982 min
Delta R.T.: -0.003 min
Response: 98496659
Conc: 460.69 ng/ml



#35 AR-1260-5

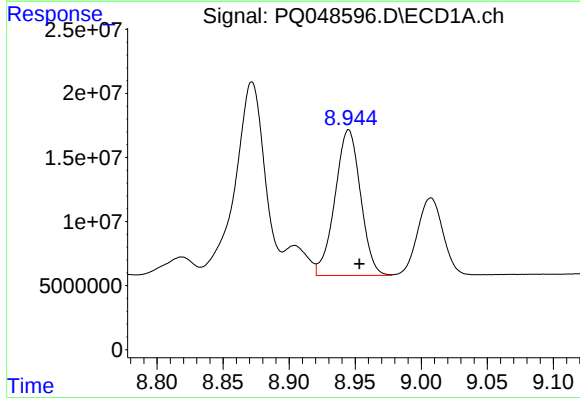
R.T.: 9.546 min
Delta R.T.: -0.009 min
Response: 379426365
Conc: 423.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



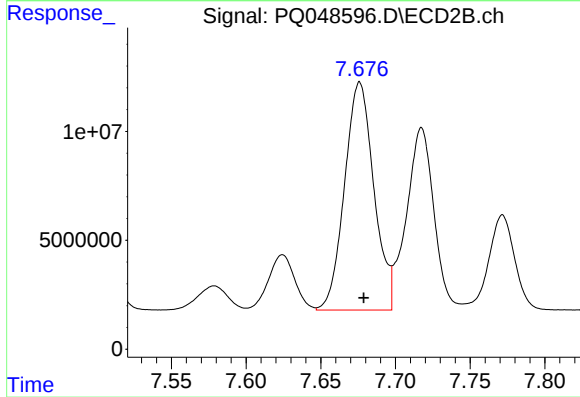
#35 AR-1260-5

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 246340273
Conc: 456.51 ng/ml



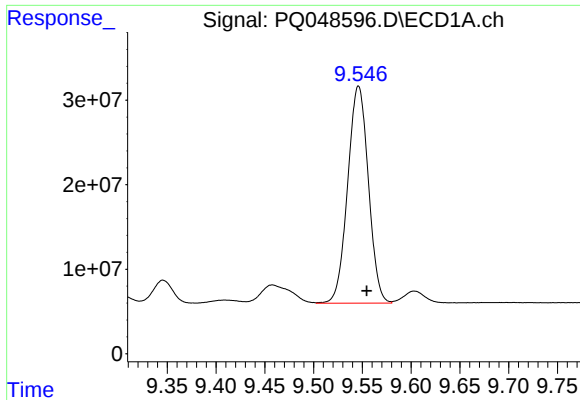
#36 AR-1262-1

R.T.: 8.945 min
Delta R.T.: -0.008 min
Response: 153088256
Conc: 271.22 ng/ml



#36 AR-1262-1

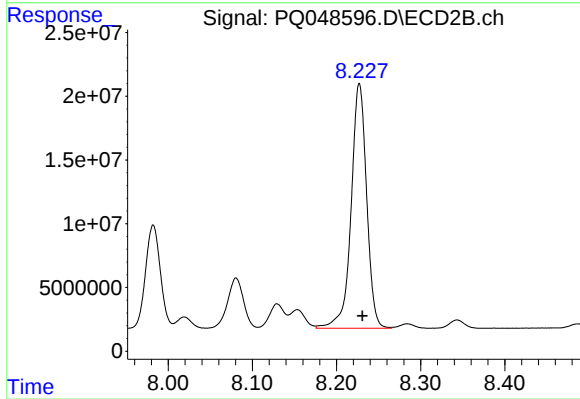
R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 142939377
Conc: 824.37 ng/ml



#37 AR-1262-2

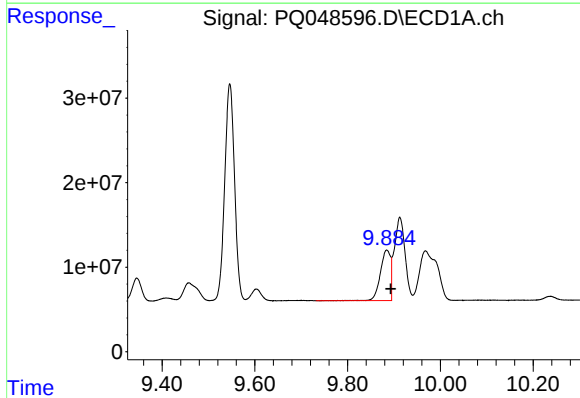
R.T.: 9.546 min
Delta R.T.: -0.009 min
Response: 379426365
Conc: 345.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



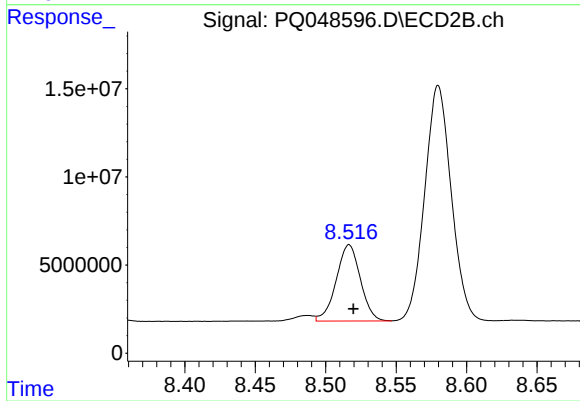
#37 AR-1262-2

R.T.: 8.227 min
Delta R.T.: -0.004 min
Response: 246340273
Conc: 369.58 ng/ml



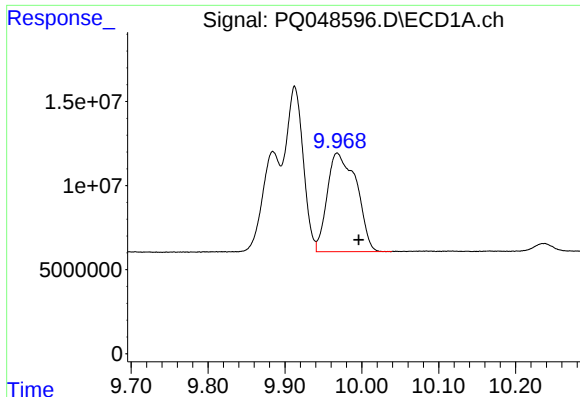
#38 AR-1262-3

R.T.: 9.884 min
Delta R.T.: -0.009 min
Response: 90870745
Conc: 184.53 ng/ml



#38 AR-1262-3

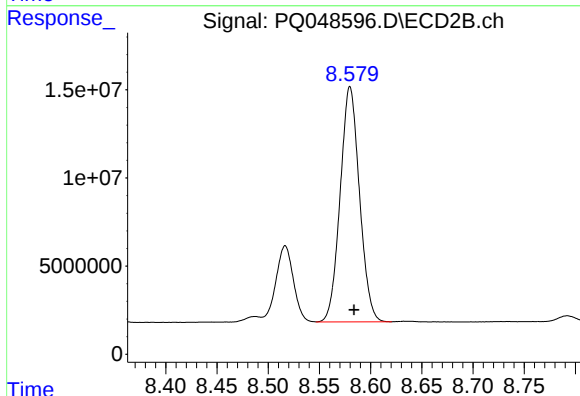
R.T.: 8.517 min
Delta R.T.: -0.003 min
Response: 51722917
Conc: 207.28 ng/ml



#39 AR-1262-4

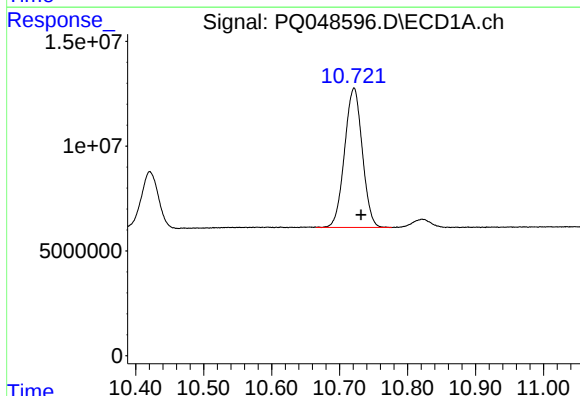
R.T.: 9.968 min
Delta R.T.: -0.028 min
Response: 155462843
Conc: 270.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



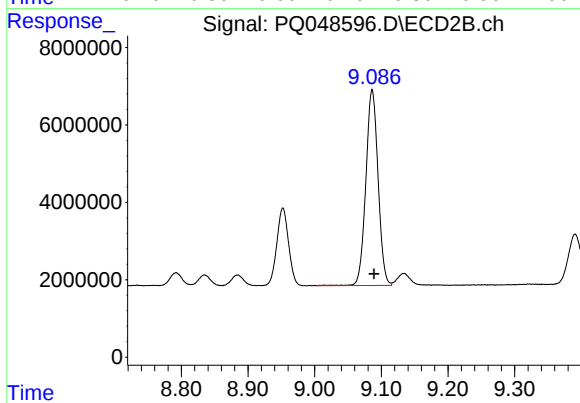
#39 AR-1262-4

R.T.: 8.580 min
Delta R.T.: -0.004 min
Response: 175195418
Conc: 364.32 ng/ml



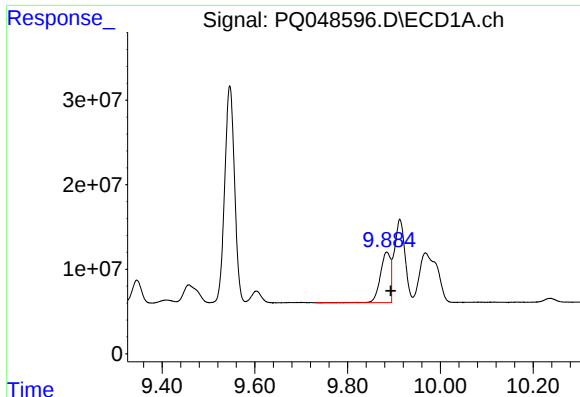
#40 AR-1262-5

R.T.: 10.721 min
Delta R.T.: -0.010 min
Response: 120282347
Conc: 282.60 ng/ml



#40 AR-1262-5

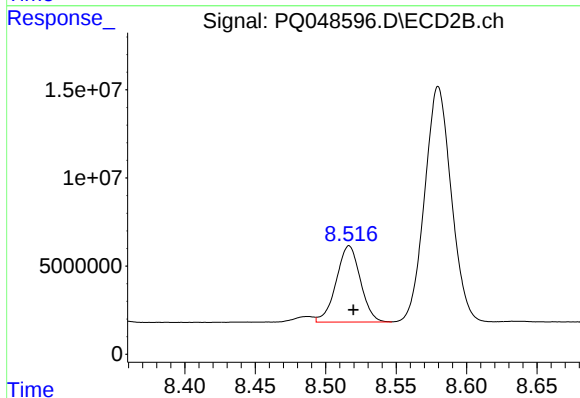
R.T.: 9.086 min
Delta R.T.: -0.003 min
Response: 64318410
Conc: 288.09 ng/ml



#41 AR-1268-1

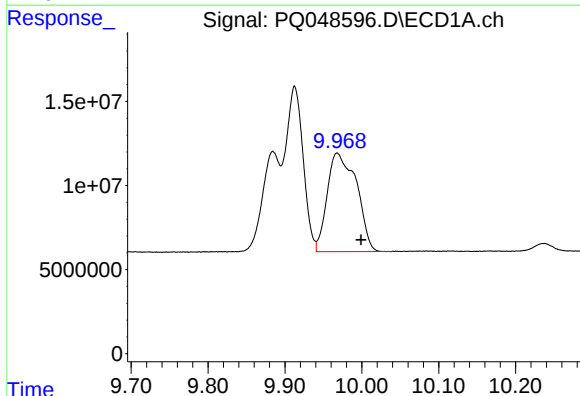
R.T.: 9.884 min
Delta R.T.: -0.008 min
Response: 90870745
Conc: 69.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



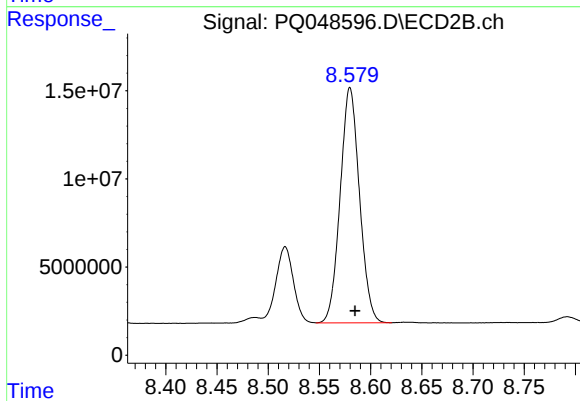
#41 AR-1268-1

R.T.: 8.517 min
Delta R.T.: -0.003 min
Response: 51722917
Conc: 67.92 ng/ml



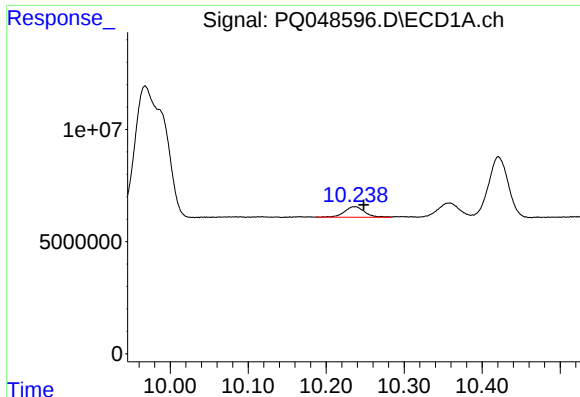
#42 AR-1268-2

R.T.: 9.968 min
Delta R.T.: -0.031 min
Response: 155462843
Conc: 125.81 ng/ml



#42 AR-1268-2

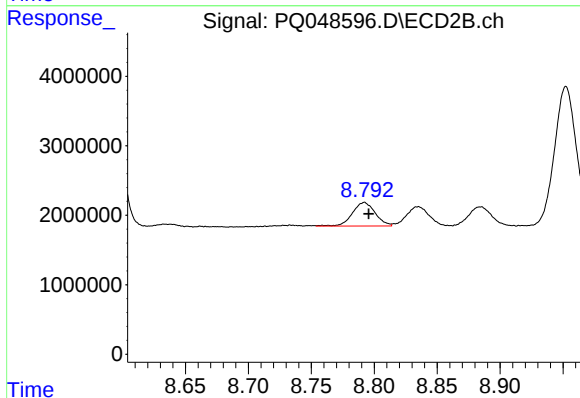
R.T.: 8.580 min
Delta R.T.: -0.005 min
Response: 175195418
Conc: 249.94 ng/ml



#43 AR-1268-3

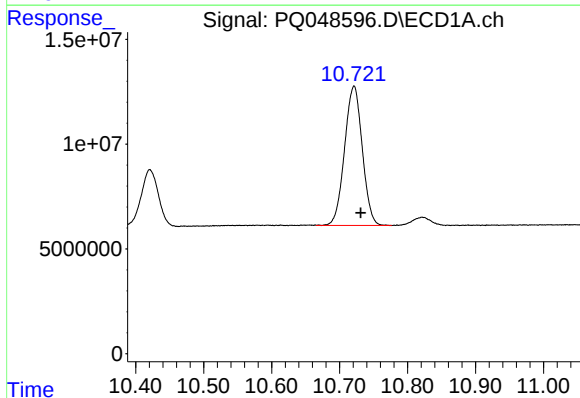
R.T.: 10.237 min
Delta R.T.: -0.011 min
Response: 8450309
Conc: 8.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



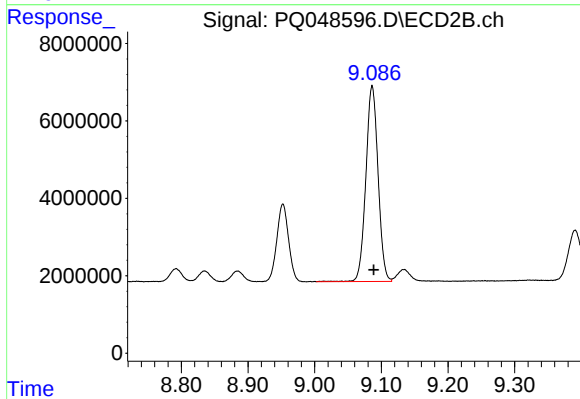
#43 AR-1268-3

R.T.: 8.792 min
Delta R.T.: -0.004 min
Response: 4308691
Conc: 7.49 ng/ml



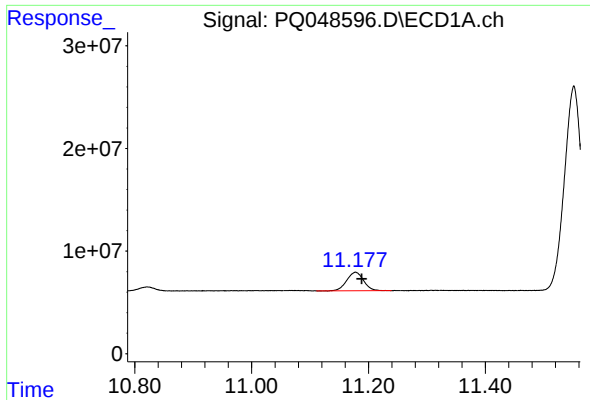
#44 AR-1268-4

R.T.: 10.721 min
Delta R.T.: -0.010 min
Response: 120282347
Conc: 252.77 ng/ml



#44 AR-1268-4

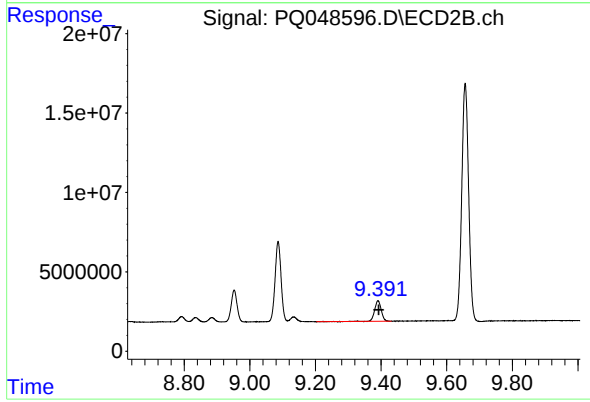
R.T.: 9.086 min
Delta R.T.: -0.003 min
Response: 64318410
Conc: 257.69 ng/ml



#45 AR-1268-5

R.T.: 11.178 min
Delta R.T.: -0.011 min
Response: 36189143
Conc: 10.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.391 min
Delta R.T.: -0.002 min
Response: 18239141
Conc: 9.43 ng/ml