

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ010919\
 Data File : PQ036353.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2019 09:58
 Operator : SM\SJ
 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: Jan 10 10:20:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 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...	4.400	3.724	292.3E6	168.9E6	63.930	69.778
2)	SA Decachlor...	10.058	8.687	202.6E6	95339714	55.703	49.593
Target Compounds							
3)	L1 AR-1016-1	5.561	4.799	69570333	43734774	497.208	563.497
4)	L1 AR-1016-2	5.583	4.816	106.9E6	65748253	501.010	577.308
5)	L1 AR-1016-3	5.645	4.992	61253665	32880987	493.741	568.354
6)	L1 AR-1016-4	5.744	5.032	50759228	26222434	501.270	556.283
7)	L1 AR-1016-5	6.035	5.244	49246325	33146966	493.166	544.866
8)	L2 AR-1221-1	4.606	3.932	6483294	3704526	183.434	188.794
9)	L2 AR-1221-2	4.697	4.021	9862661	6206156	371.288	418.745
10)	L2 AR-1221-3	4.773	4.095	37871483	23130763	424.824	467.875
11)	L3 AR-1232-1	4.773	4.095	37871483	23130763	497.110	537.516
12)	L3 AR-1232-2	5.295	4.816	49823807	65748253	1305.343	1459.399
13)	L3 AR-1232-3	5.583	4.992	106.9E6	32880987	1329.093	1450.831
14)	L3 AR-1232-4	5.744	5.073	50759228	31206857	1320.589	1516.212
15)	L3 AR-1232-5	5.830	5.244	43774226	33146966	1528.319	1511.460
16)	L4 AR-1242-1	5.561	4.799	69570333	43734774	699.765	758.575
17)	L4 AR-1242-2	5.561	4.816	69570333	65748253	460.556	806.217 #
18)	L4 AR-1242-3	5.645	4.992	61253665	32880987	690.658	769.209
19)	L4 AR-1242-4	5.744	5.073	50759228	31206857	696.777	733.353
20)	L4 AR-1242-5	6.476	5.592	12229682	35110361	154.114	646.389 #
21)	L5 AR-1248-1	5.583	4.799	106.9E6	43734774	1068.781	931.936
22)	L5 AR-1248-2	5.830	5.032	43774226	26222434	391.870	417.804
23)	L5 AR-1248-3	6.035	5.073	49246325	31206857	393.000	485.712
24)	L5 AR-1248-4	6.438	5.244	15359648	33146966	107.725	431.519 #
25)	L5 AR-1248-5	6.476	5.632	12229682	7159004	89.482	93.806
26)	L6 AR-1254-1	6.409	5.592	47601820	35110361	350.166	335.698
27)	L6 AR-1254-2	6.624	5.737	43883263	26350364	206.347	288.364 #
28)	L6 AR-1254-3	6.995	6.148	22962505	42430632	97.825	266.505 #
29)	L6 AR-1254-4	7.278	6.366	14525851	6203747	82.105	59.103 #
30)	L6 AR-1254-5	7.697	6.778	121.6E6	77577231	593.899	534.093
31)	L7 AR-1260-1	7.152	6.265	81841495	57785942	429.864	485.290
32)	L7 AR-1260-2	7.409	6.453	99192929	67964032	432.231	473.396
33)	L7 AR-1260-3	7.767	6.604	60904057	62539776	432.526	473.650
34)	L7 AR-1260-4	7.996	7.072	72921488	40748808	422.924	453.316
35)	L7 AR-1260-5	8.311	7.314	144.1E6	99210449	429.444	449.053
36)	L8 AR-1262-1	7.767	6.811	60904057	46105162	259.889	299.071
37)	L8 AR-1262-2	8.311	7.314	144.1E6	99210449	335.957	356.377
38)	L8 AR-1262-3	8.614	7.592	21849834	18510003	234.790	178.560
39)	L8 AR-1262-4	8.688	7.659	51924731	69057975	250.345	346.987 #
40)	L8 AR-1262-5	9.348	8.155	35374041	19348153	243.504	220.041
41)	L9 AR-1268-1	8.614	7.592	21849834	18510003	43.022	58.265 #

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 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

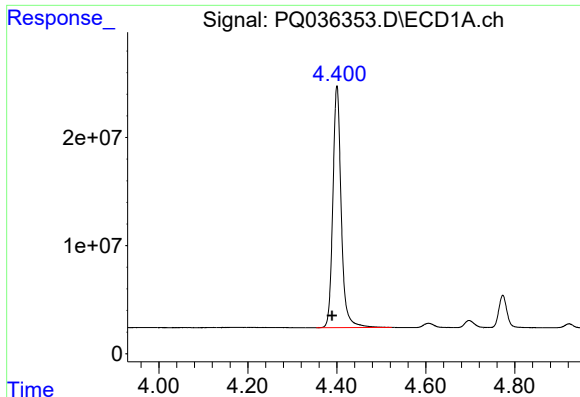
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 10:20:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
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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
42) L9	AR-1268-2	8.688	7.659	51924731	69057975	108.585	239.824 #
43) L9	AR-1268-3	8.923	7.917	1623998	1192303	3.964	5.064 #
44) L9	AR-1268-4	9.348	8.155	35374041	19348153	215.428	194.599
45) L9	AR-1268-5	9.742	8.442	9082489	5239218	6.696	6.970

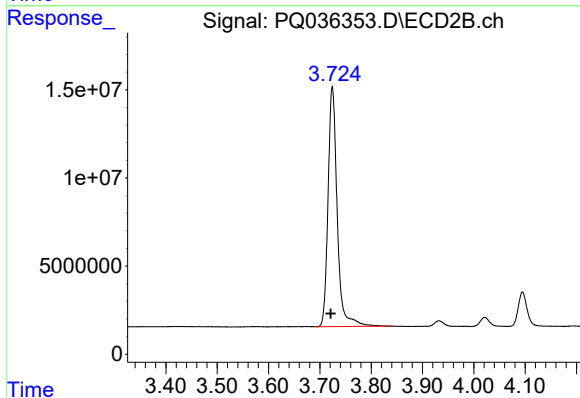
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

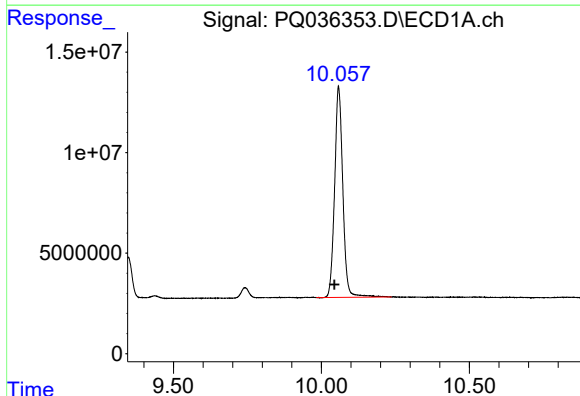
R.T.: 4.400 min
Delta R.T.: 0.011 min
Response: 292255801
Conc: 63.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



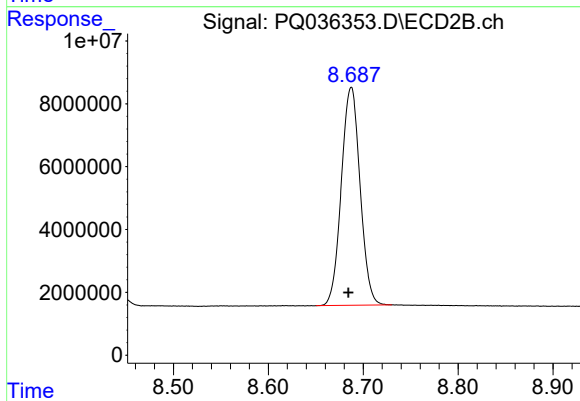
#1 Tetrachloro-m-xylene

R.T.: 3.724 min
Delta R.T.: 0.003 min
Response: 168896875
Conc: 69.78 ng/ml



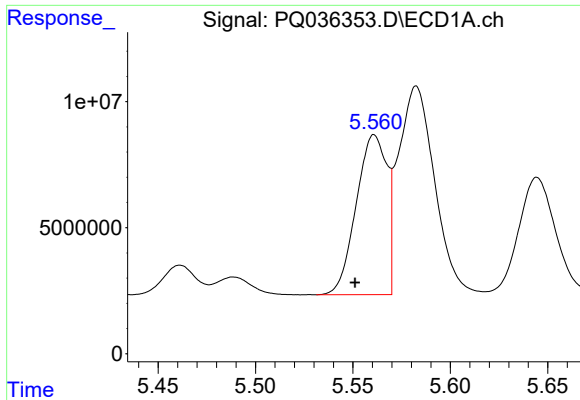
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: 0.014 min
Response: 202616296
Conc: 55.70 ng/ml



#2 Decachlorobiphenyl

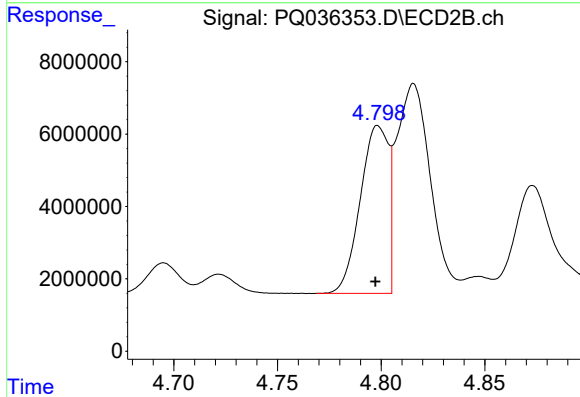
R.T.: 8.687 min
Delta R.T.: 0.003 min
Response: 95339714
Conc: 49.59 ng/ml



#3 AR-1016-1

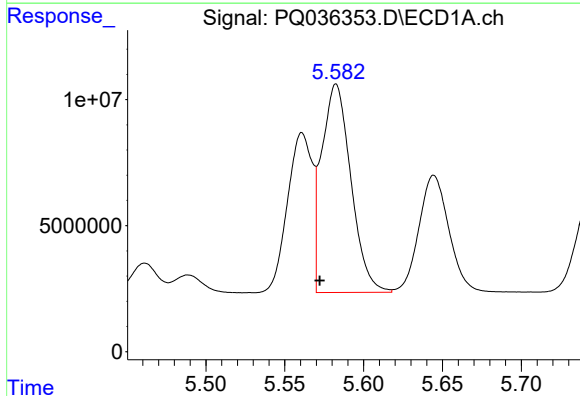
R.T.: 5.561 min
Delta R.T.: 0.010 min
Response: 69570333
Conc: 497.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



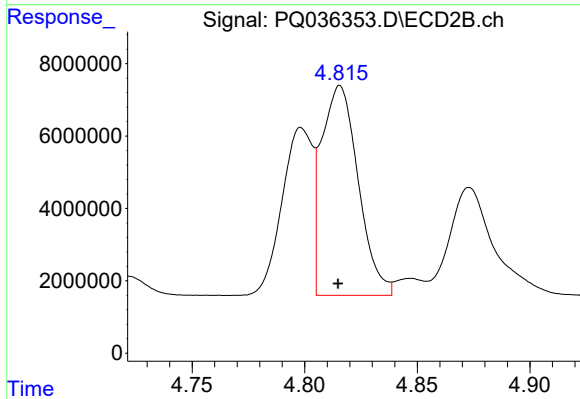
#3 AR-1016-1

R.T.: 4.799 min
Delta R.T.: 0.001 min
Response: 43734774
Conc: 563.50 ng/ml



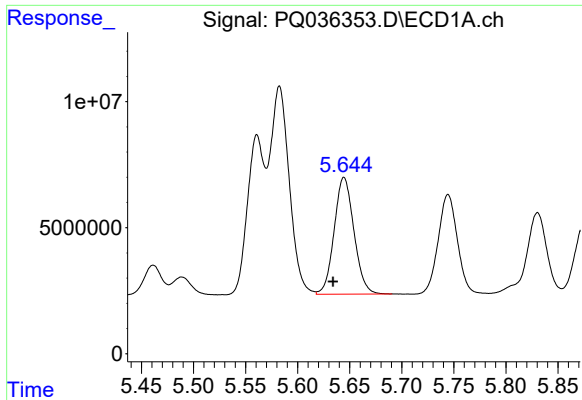
#4 AR-1016-2

R.T.: 5.583 min
Delta R.T.: 0.010 min
Response: 106949677
Conc: 501.01 ng/ml



#4 AR-1016-2

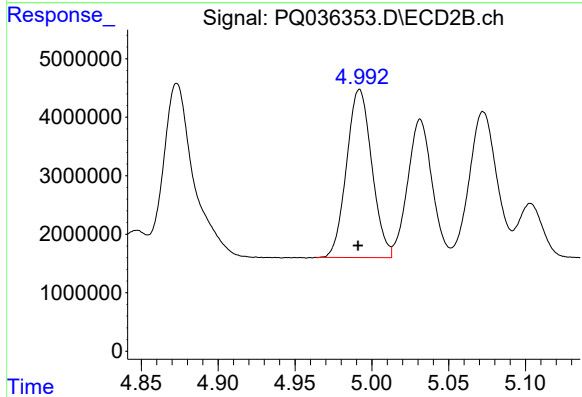
R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 65748253
Conc: 577.31 ng/ml



#5 AR-1016-3

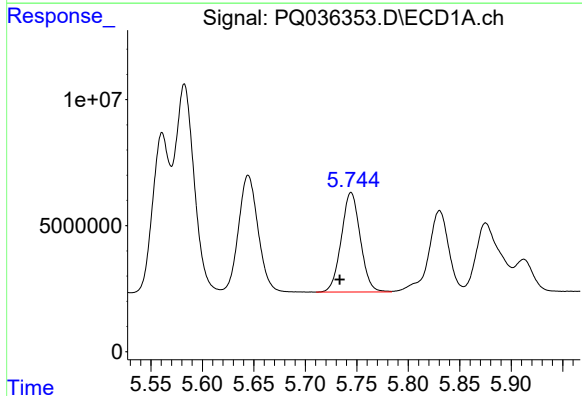
R.T.: 5.645 min
Delta R.T.: 0.010 min
Response: 61253665
Conc: 493.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



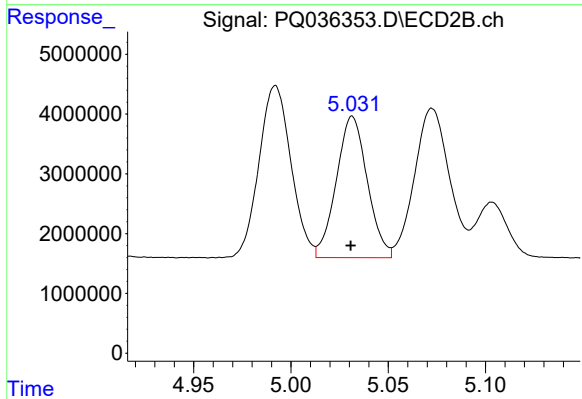
#5 AR-1016-3

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 32880987
Conc: 568.35 ng/ml



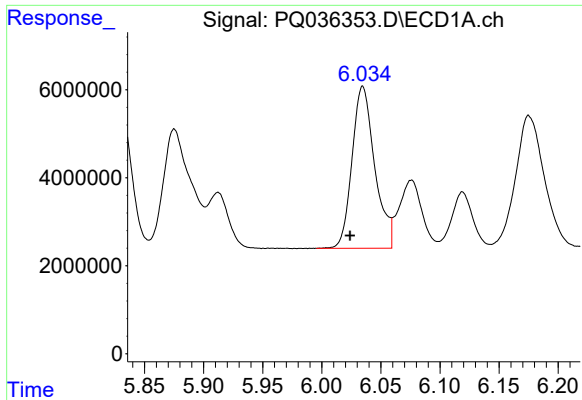
#6 AR-1016-4

R.T.: 5.744 min
Delta R.T.: 0.011 min
Response: 50759228
Conc: 501.27 ng/ml



#6 AR-1016-4

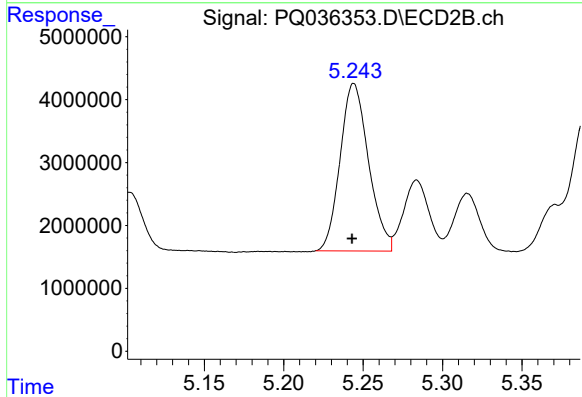
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 26222434
Conc: 556.28 ng/ml



#7 AR-1016-5

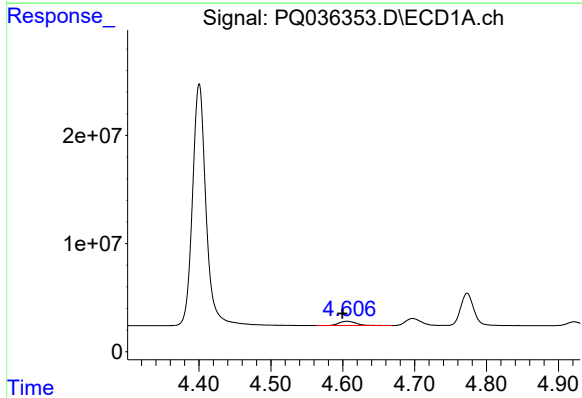
R.T.: 6.035 min
Delta R.T.: 0.011 min
Response: 49246325
Conc: 493.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



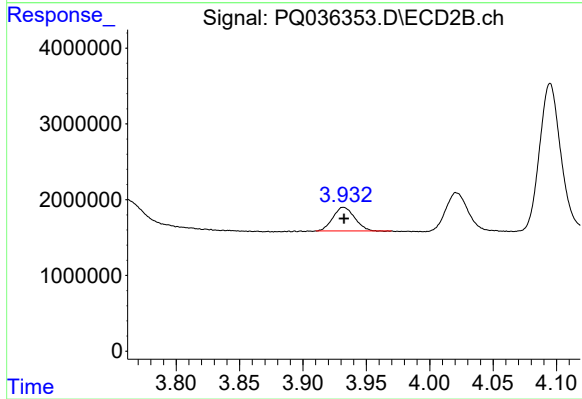
#7 AR-1016-5

R.T.: 5.244 min
Delta R.T.: 0.001 min
Response: 33146966
Conc: 544.87 ng/ml



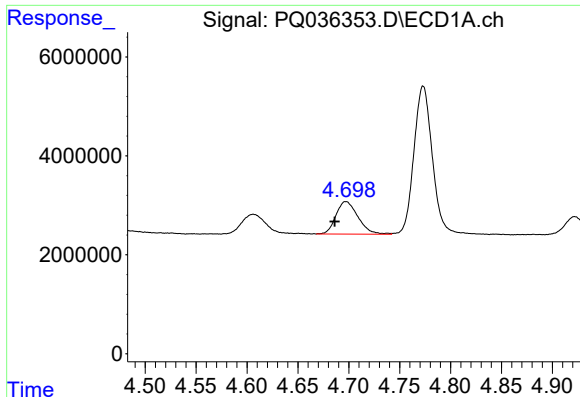
#8 AR-1221-1

R.T.: 4.606 min
Delta R.T.: 0.007 min
Response: 6483294
Conc: 183.43 ng/ml



#8 AR-1221-1

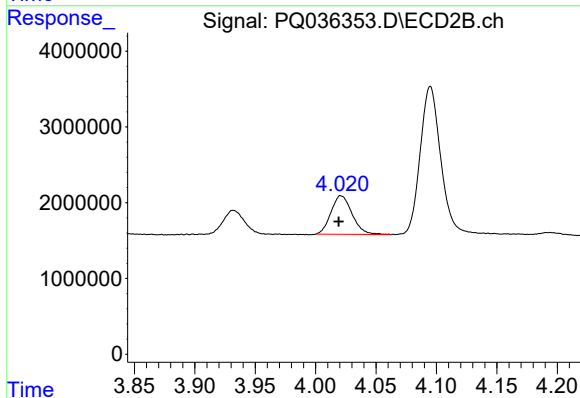
R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 3704526
Conc: 188.79 ng/ml



#9 AR-1221-2

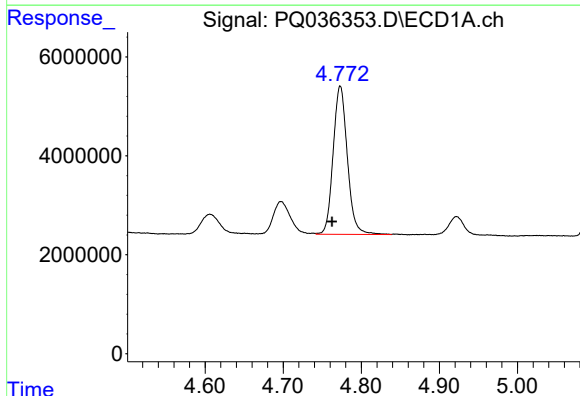
R.T.: 4.697 min
Delta R.T.: 0.011 min
Response: 9862661
Conc: 371.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



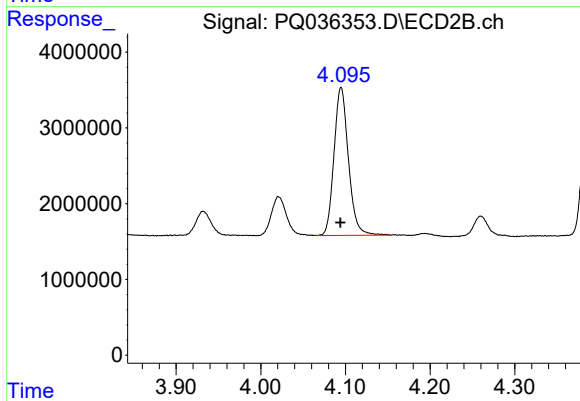
#9 AR-1221-2

R.T.: 4.021 min
Delta R.T.: 0.002 min
Response: 6206156
Conc: 418.75 ng/ml



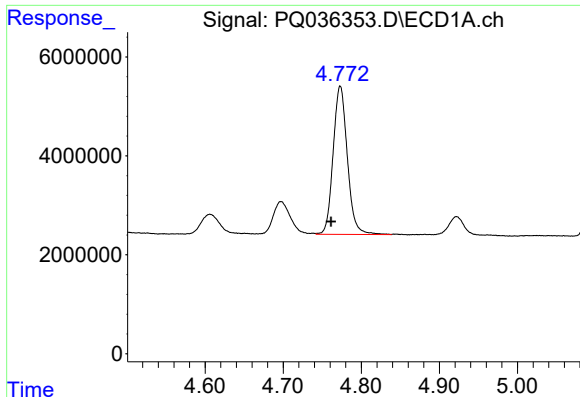
#10 AR-1221-3

R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 37871483
Conc: 424.82 ng/ml



#10 AR-1221-3

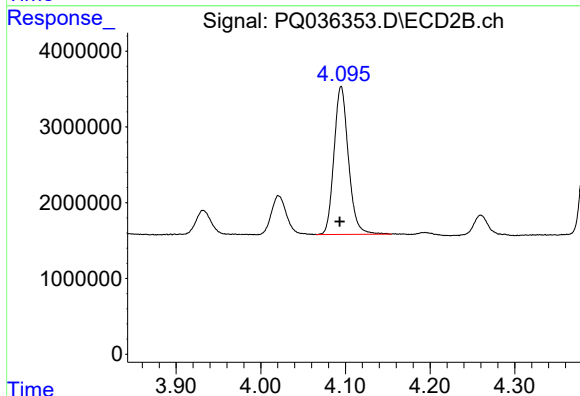
R.T.: 4.095 min
Delta R.T.: 0.000 min
Response: 23130763
Conc: 467.87 ng/ml



#11 AR-1232-1

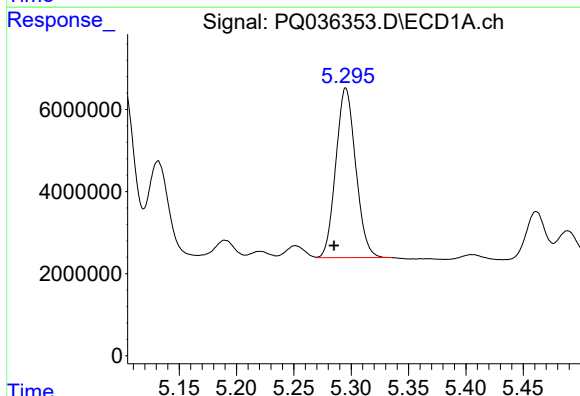
R.T.: 4.773 min
Delta R.T.: 0.012 min
Response: 37871483
Conc: 497.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



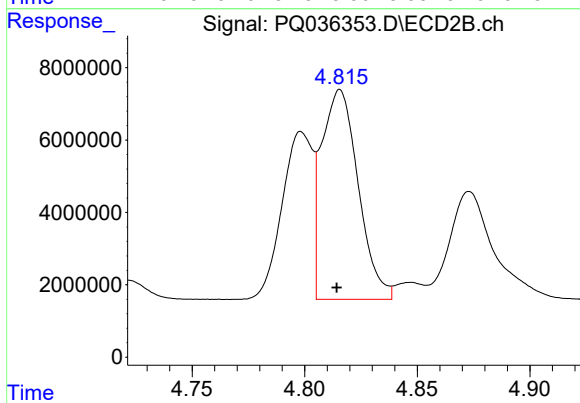
#11 AR-1232-1

R.T.: 4.095 min
Delta R.T.: 0.002 min
Response: 23130763
Conc: 537.52 ng/ml



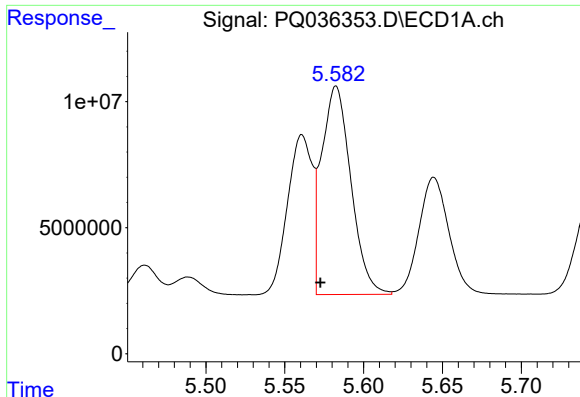
#12 AR-1232-2

R.T.: 5.295 min
Delta R.T.: 0.010 min
Response: 49823807
Conc: 1305.34 ng/ml



#12 AR-1232-2

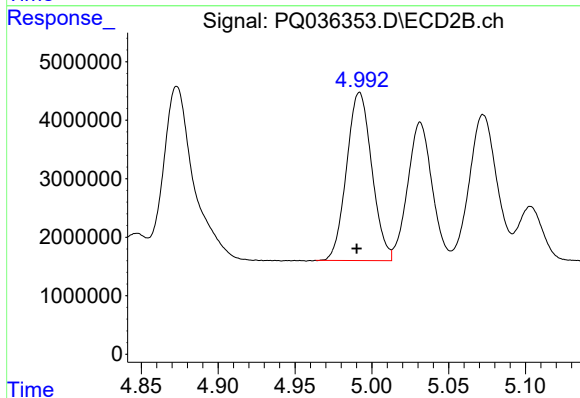
R.T.: 4.816 min
Delta R.T.: 0.001 min
Response: 65748253
Conc: 1459.40 ng/ml



#13 AR-1232-3

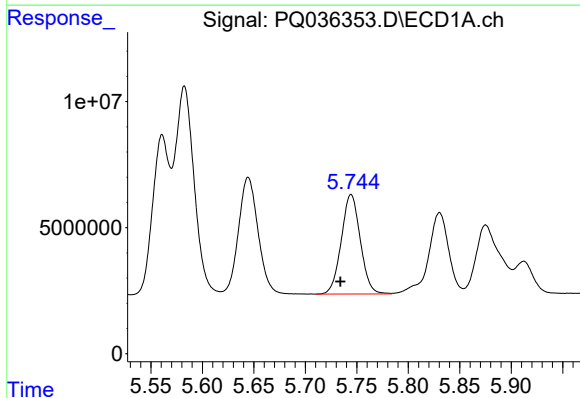
R.T.: 5.583 min
Delta R.T.: 0.010 min
Response: 106949677
Conc: 1329.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



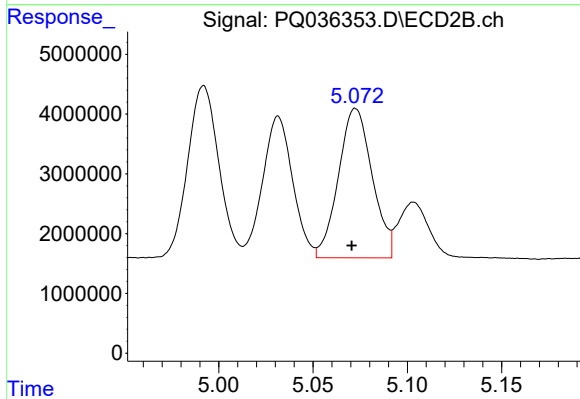
#13 AR-1232-3

R.T.: 4.992 min
Delta R.T.: 0.002 min
Response: 32880987
Conc: 1450.83 ng/ml



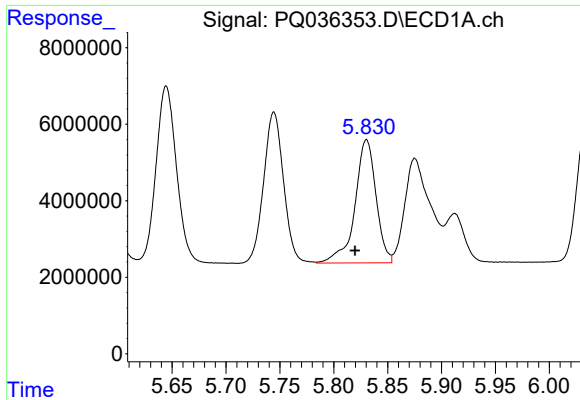
#14 AR-1232-4

R.T.: 5.744 min
Delta R.T.: 0.010 min
Response: 50759228
Conc: 1320.59 ng/ml



#14 AR-1232-4

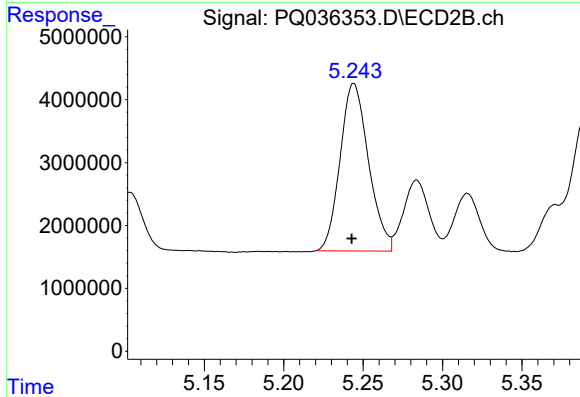
R.T.: 5.073 min
Delta R.T.: 0.002 min
Response: 31206857
Conc: 1516.21 ng/ml



#15 AR-1232-5

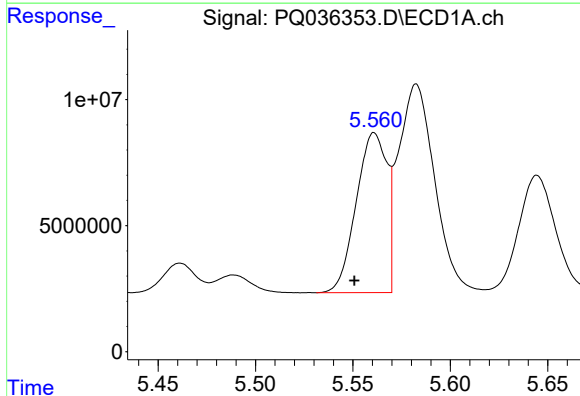
R.T.: 5.830 min
Delta R.T.: 0.011 min
Response: 43774226
Conc: 1528.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



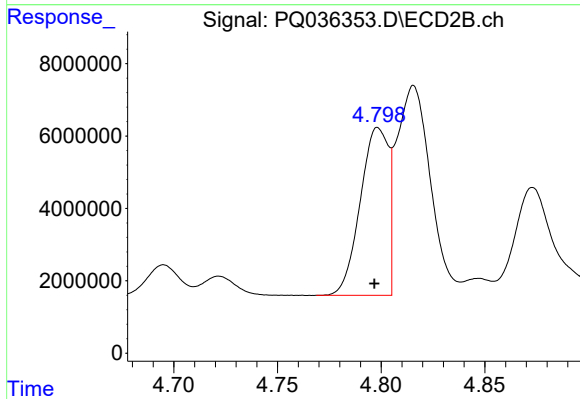
#15 AR-1232-5

R.T.: 5.244 min
Delta R.T.: 0.001 min
Response: 33146966
Conc: 1511.46 ng/ml



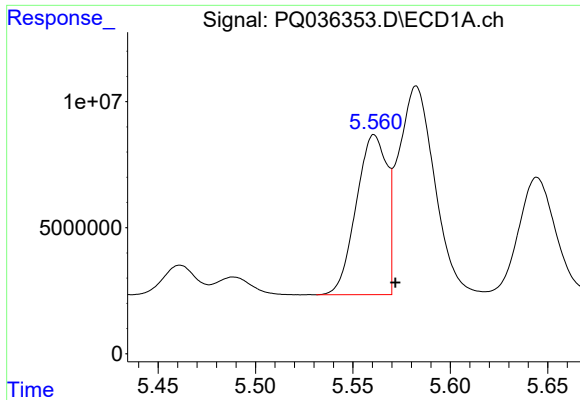
#16 AR-1242-1

R.T.: 5.561 min
Delta R.T.: 0.010 min
Response: 69570333
Conc: 699.76 ng/ml



#16 AR-1242-1

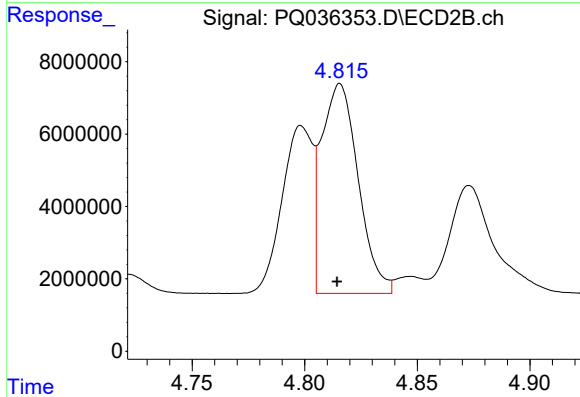
R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 43734774
Conc: 758.58 ng/ml



#17 AR-1242-2

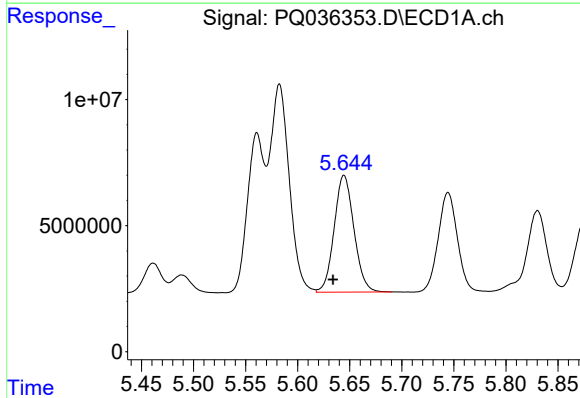
R.T.: 5.561 min
Delta R.T.: -0.011 min
Response: 69570333
Conc: 460.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



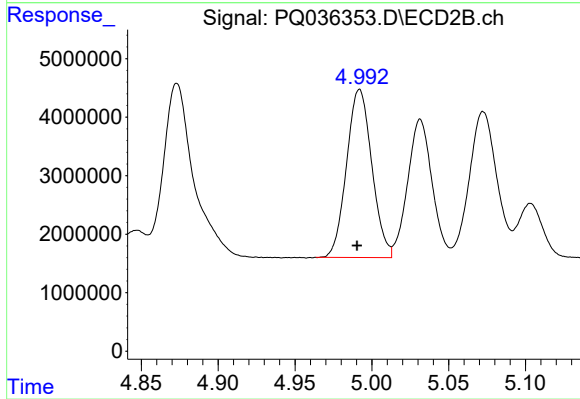
#17 AR-1242-2

R.T.: 4.816 min
Delta R.T.: 0.001 min
Response: 65748253
Conc: 806.22 ng/ml



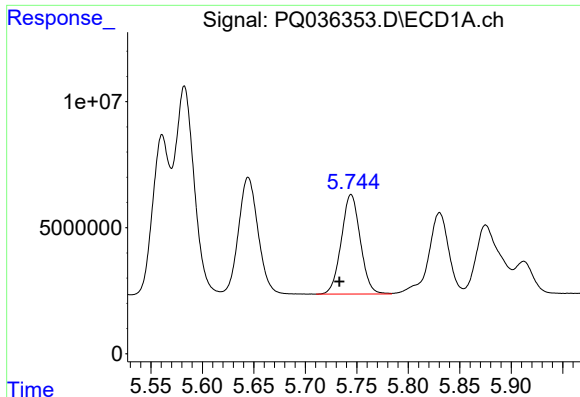
#18 AR-1242-3

R.T.: 5.645 min
Delta R.T.: 0.011 min
Response: 61253665
Conc: 690.66 ng/ml



#18 AR-1242-3

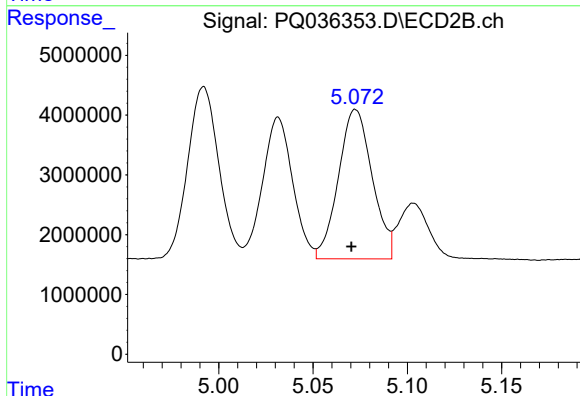
R.T.: 4.992 min
Delta R.T.: 0.002 min
Response: 32880987
Conc: 769.21 ng/ml



#19 AR-1242-4

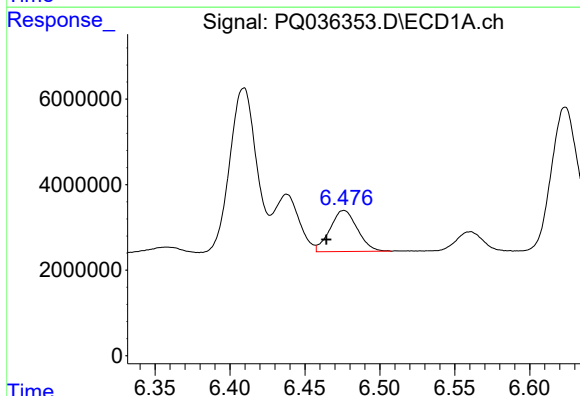
R.T.: 5.744 min
Delta R.T.: 0.011 min
Response: 50759228
Conc: 696.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



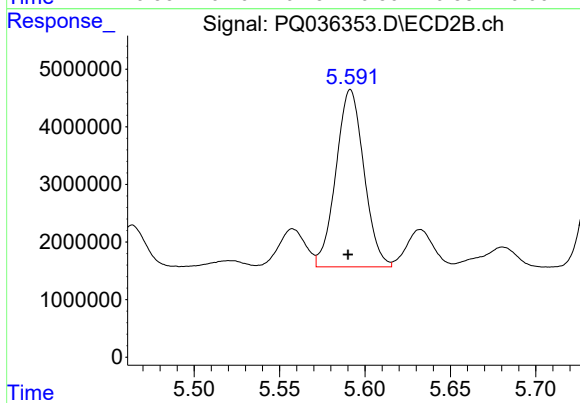
#19 AR-1242-4

R.T.: 5.073 min
Delta R.T.: 0.002 min
Response: 31206857
Conc: 733.35 ng/ml



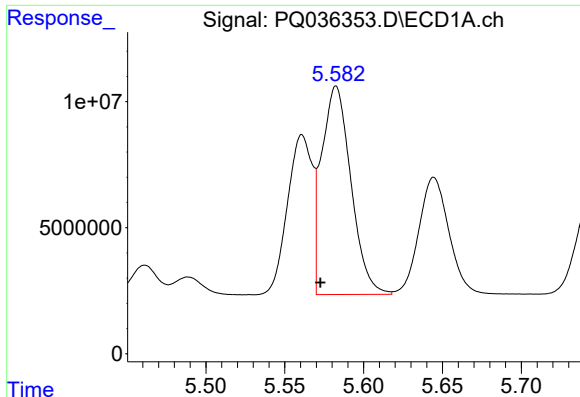
#20 AR-1242-5

R.T.: 6.476 min
Delta R.T.: 0.012 min
Response: 12229682
Conc: 154.11 ng/ml



#20 AR-1242-5

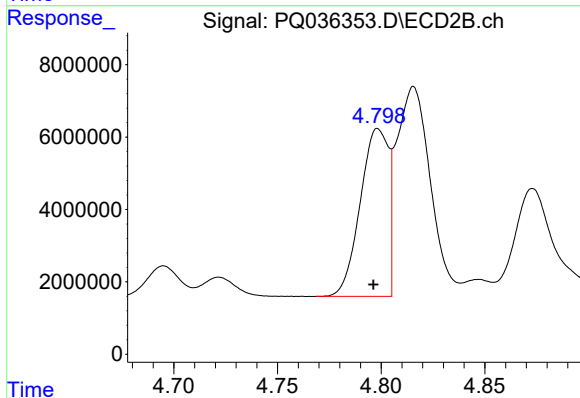
R.T.: 5.592 min
Delta R.T.: 0.001 min
Response: 35110361
Conc: 646.39 ng/ml



#21 AR-1248-1

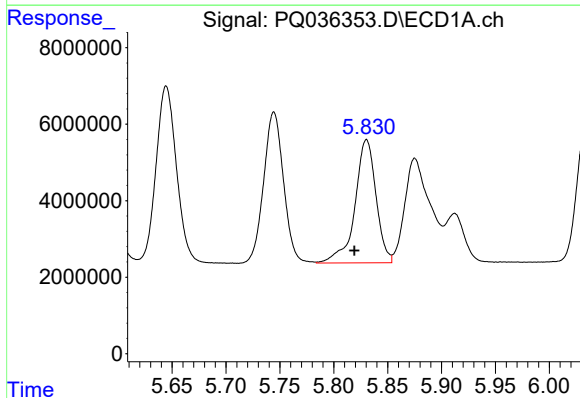
R.T.: 5.583 min
Delta R.T.: 0.010 min
Response: 106949677
Conc: 1068.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



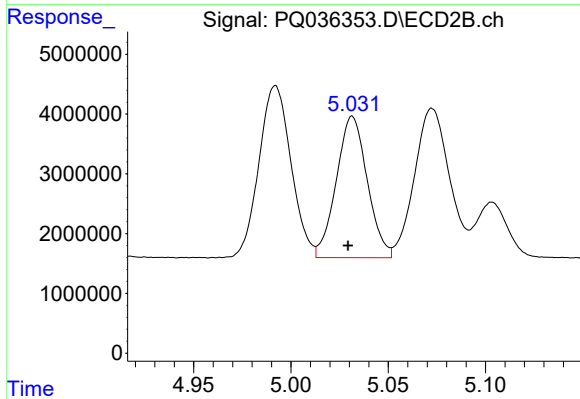
#21 AR-1248-1

R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 43734774
Conc: 931.94 ng/ml



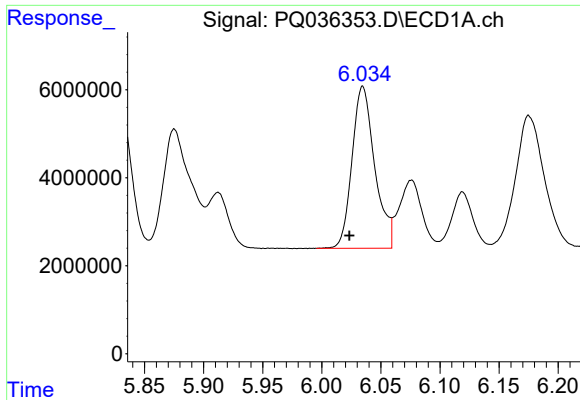
#22 AR-1248-2

R.T.: 5.830 min
Delta R.T.: 0.011 min
Response: 43774226
Conc: 391.87 ng/ml



#22 AR-1248-2

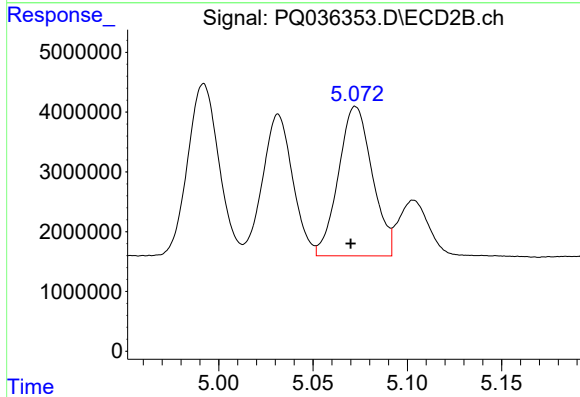
R.T.: 5.032 min
Delta R.T.: 0.002 min
Response: 26222434
Conc: 417.80 ng/ml



#23 AR-1248-3

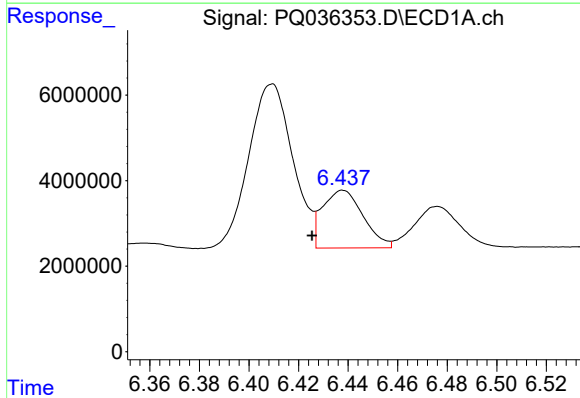
R.T.: 6.035 min
Delta R.T.: 0.011 min
Response: 49246325
Conc: 393.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



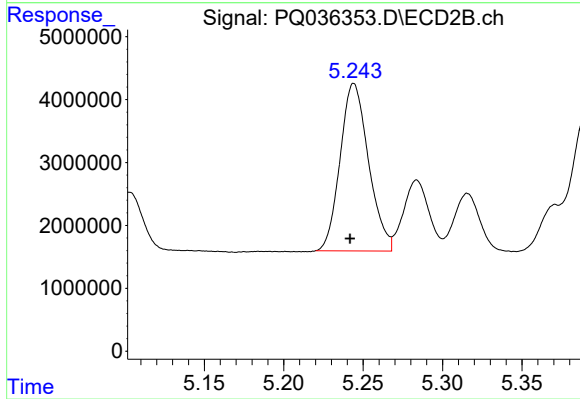
#23 AR-1248-3

R.T.: 5.073 min
Delta R.T.: 0.003 min
Response: 31206857
Conc: 485.71 ng/ml



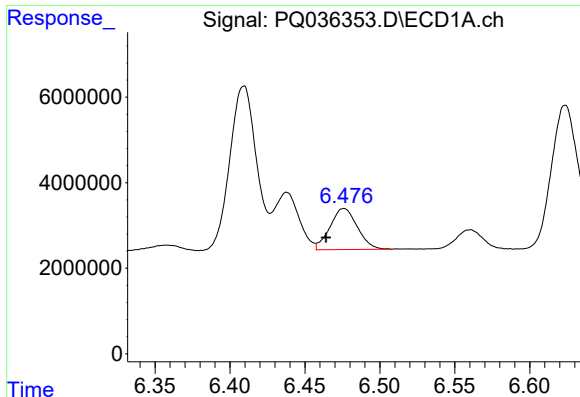
#24 AR-1248-4

R.T.: 6.438 min
Delta R.T.: 0.012 min
Response: 15359648
Conc: 107.72 ng/ml



#24 AR-1248-4

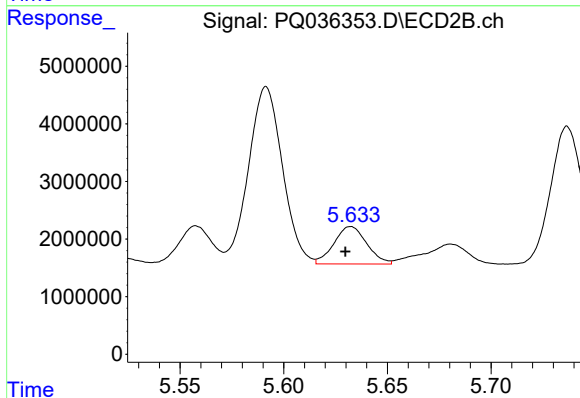
R.T.: 5.244 min
Delta R.T.: 0.002 min
Response: 33146966
Conc: 431.52 ng/ml



#25 AR-1248-5

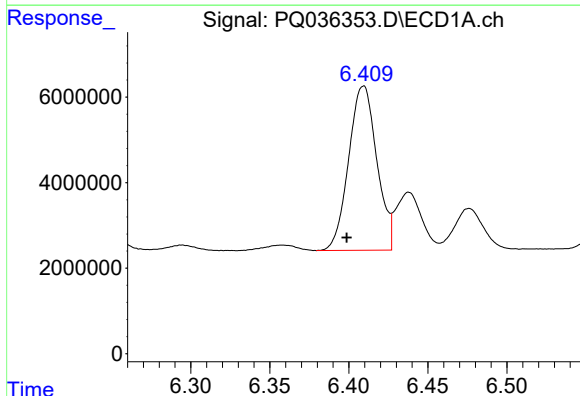
R.T.: 6.476 min
Delta R.T.: 0.012 min
Response: 12229682
Conc: 89.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



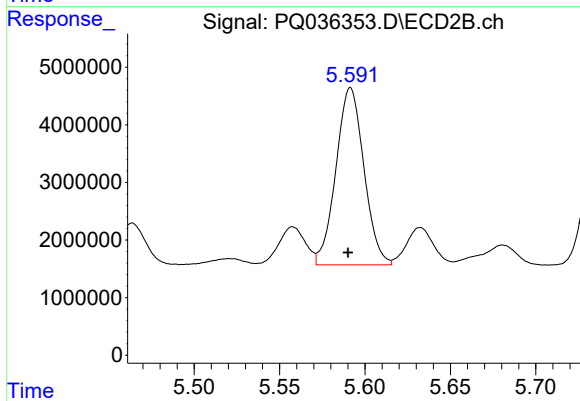
#25 AR-1248-5

R.T.: 5.632 min
Delta R.T.: 0.003 min
Response: 7159004
Conc: 93.81 ng/ml



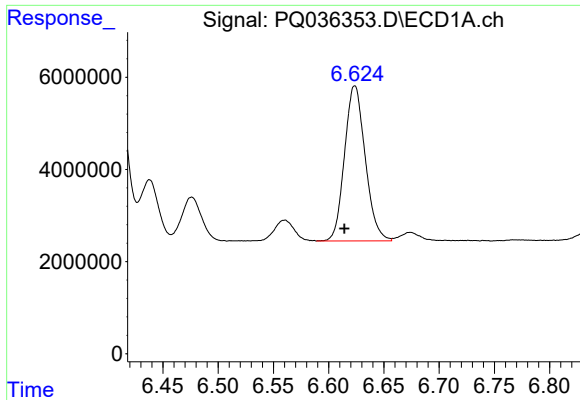
#26 AR-1254-1

R.T.: 6.409 min
Delta R.T.: 0.011 min
Response: 47601820
Conc: 350.17 ng/ml



#26 AR-1254-1

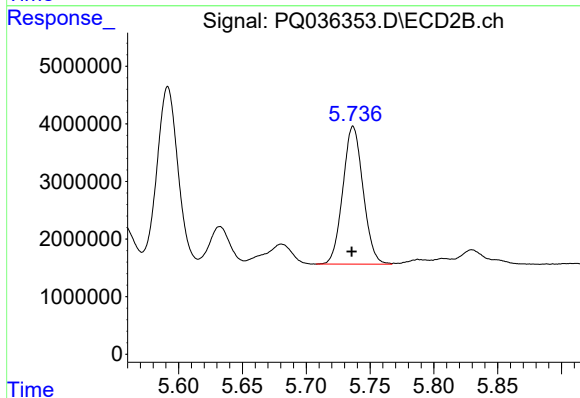
R.T.: 5.592 min
Delta R.T.: 0.002 min
Response: 35110361
Conc: 335.70 ng/ml



#27 AR-1254-2

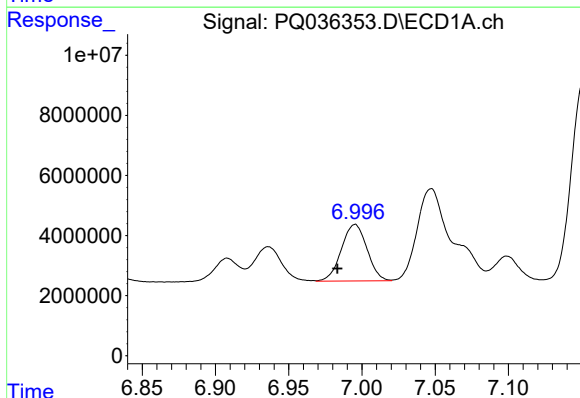
R.T.: 6.624 min
Delta R.T.: 0.010 min
Response: 43883263
Conc: 206.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



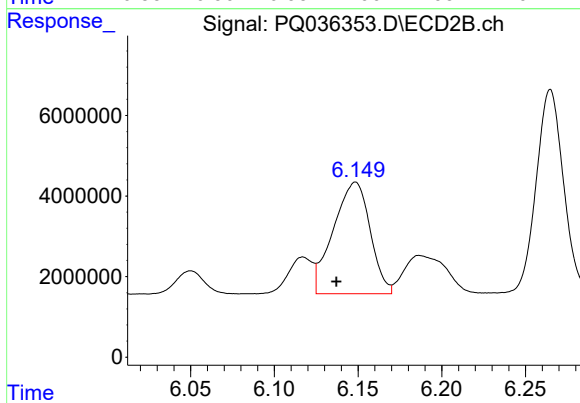
#27 AR-1254-2

R.T.: 5.737 min
Delta R.T.: 0.001 min
Response: 26350364
Conc: 288.36 ng/ml



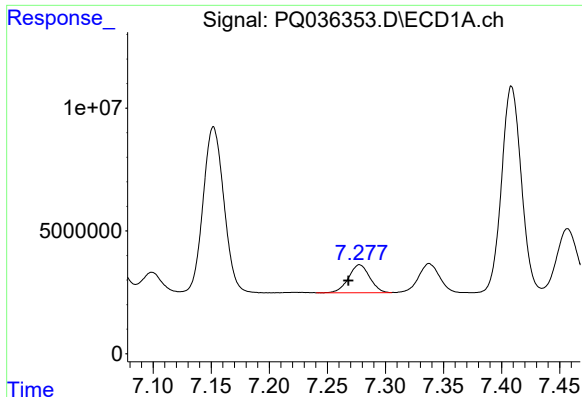
#28 AR-1254-3

R.T.: 6.995 min
Delta R.T.: 0.012 min
Response: 22962505
Conc: 97.82 ng/ml



#28 AR-1254-3

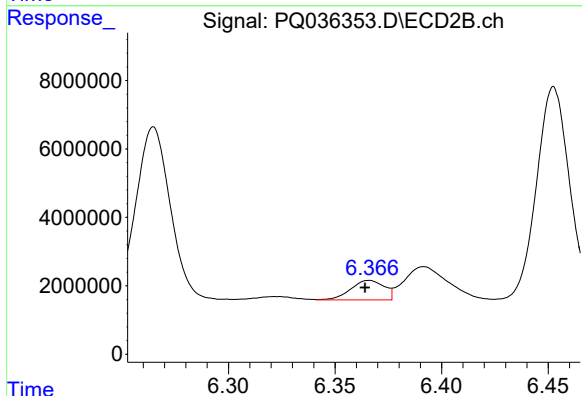
R.T.: 6.148 min
Delta R.T.: 0.011 min
Response: 42430632
Conc: 266.50 ng/ml



#29 AR-1254-4

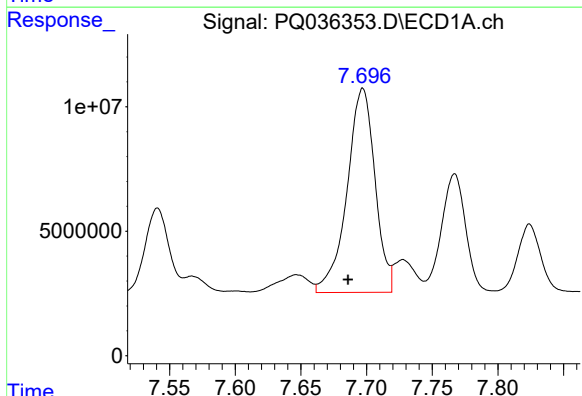
R.T.: 7.278 min
Delta R.T.: 0.010 min
Response: 14525851
Conc: 82.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



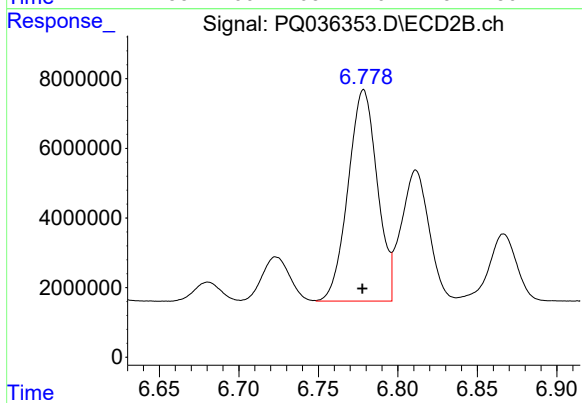
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 6203747
Conc: 59.10 ng/ml



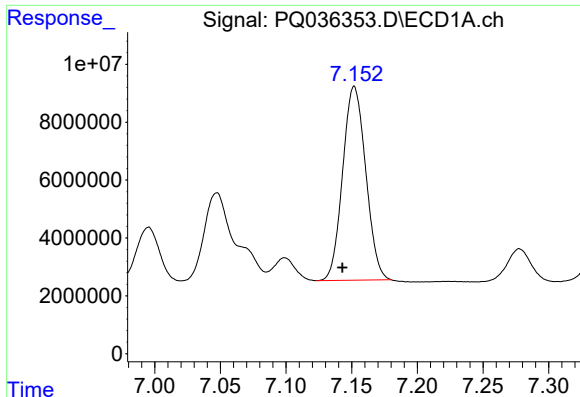
#30 AR-1254-5

R.T.: 7.697 min
Delta R.T.: 0.011 min
Response: 121640572
Conc: 593.90 ng/ml



#30 AR-1254-5

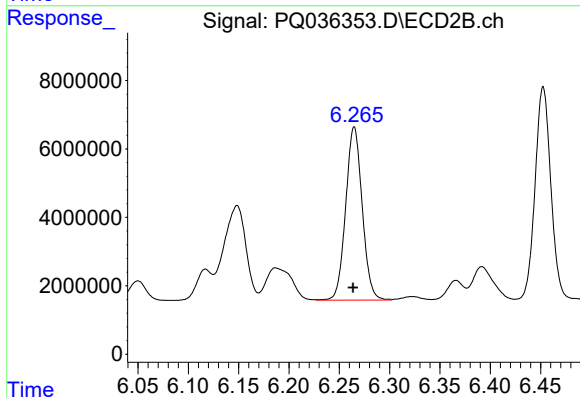
R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 77577231
Conc: 534.09 ng/ml



#31 AR-1260-1

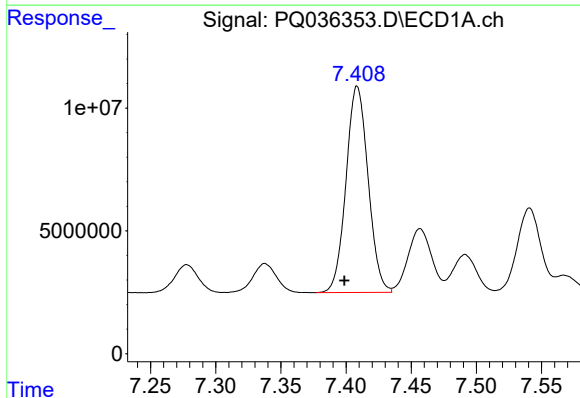
R.T.: 7.152 min
Delta R.T.: 0.009 min
Response: 81841495
Conc: 429.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



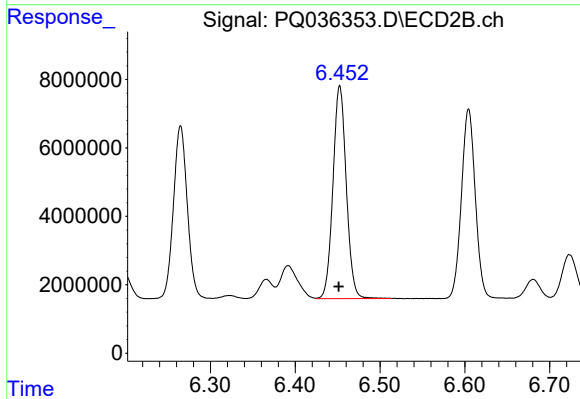
#31 AR-1260-1

R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 57785942
Conc: 485.29 ng/ml



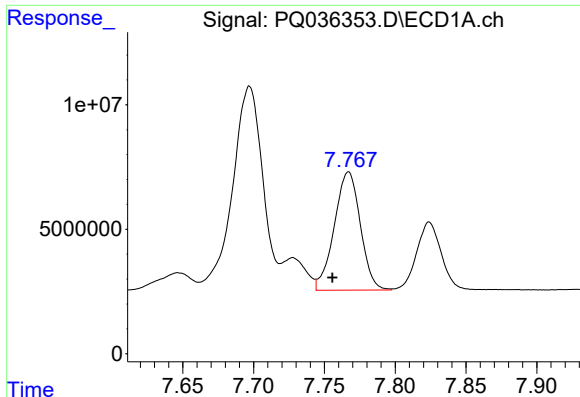
#32 AR-1260-2

R.T.: 7.409 min
Delta R.T.: 0.010 min
Response: 99192929
Conc: 432.23 ng/ml



#32 AR-1260-2

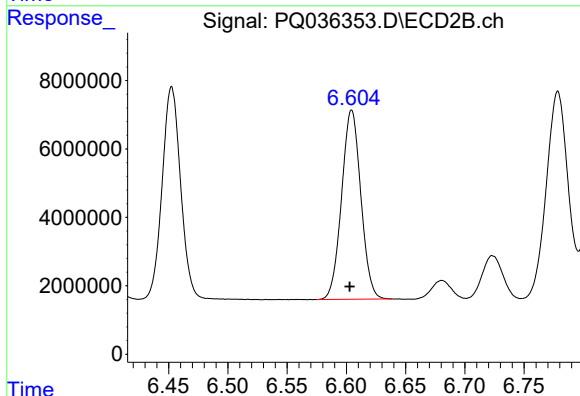
R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 67964032
Conc: 473.40 ng/ml



#33 AR-1260-3

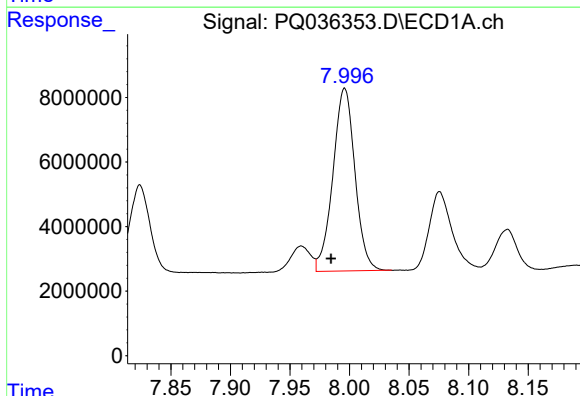
R.T.: 7.767 min
Delta R.T.: 0.011 min
Response: 60904057
Conc: 432.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



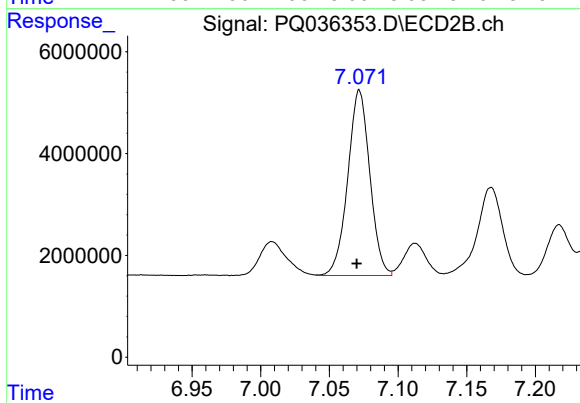
#33 AR-1260-3

R.T.: 6.604 min
Delta R.T.: 0.002 min
Response: 62539776
Conc: 473.65 ng/ml



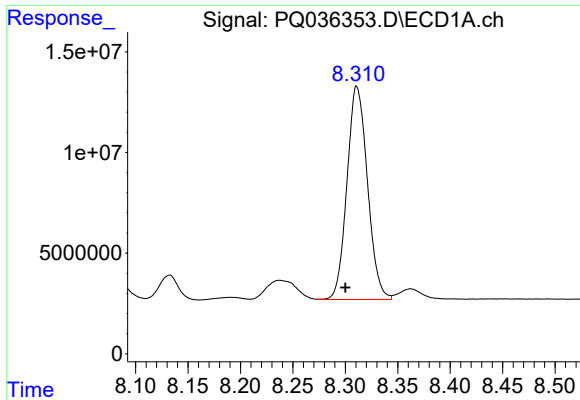
#34 AR-1260-4

R.T.: 7.996 min
Delta R.T.: 0.012 min
Response: 72921488
Conc: 422.92 ng/ml



#34 AR-1260-4

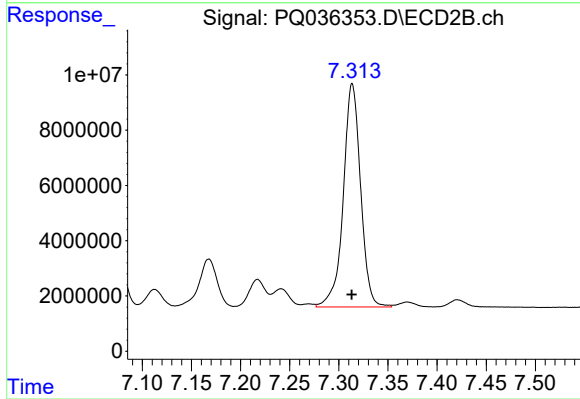
R.T.: 7.072 min
Delta R.T.: 0.002 min
Response: 40748808
Conc: 453.32 ng/ml



#35 AR-1260-5

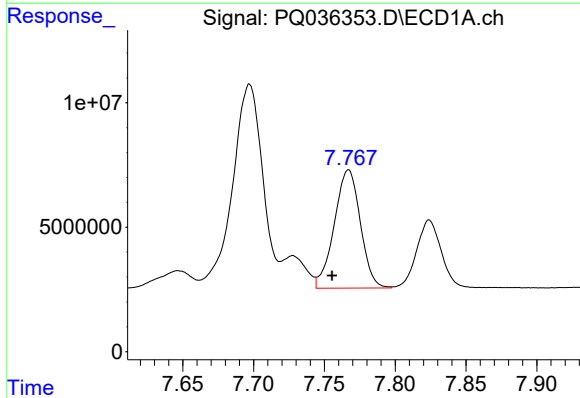
R.T.: 8.311 min
Delta R.T.: 0.011 min
Response: 144144952
Conc: 429.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



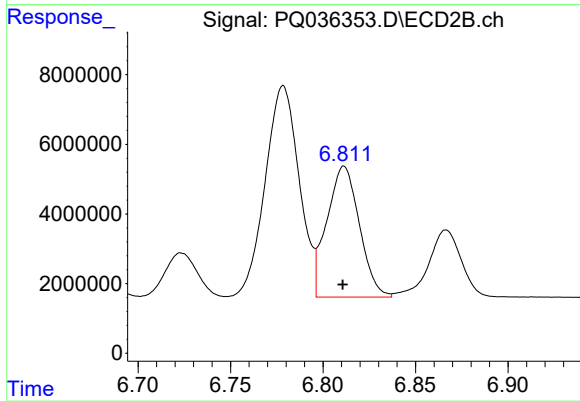
#35 AR-1260-5

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 99210449
Conc: 449.05 ng/ml



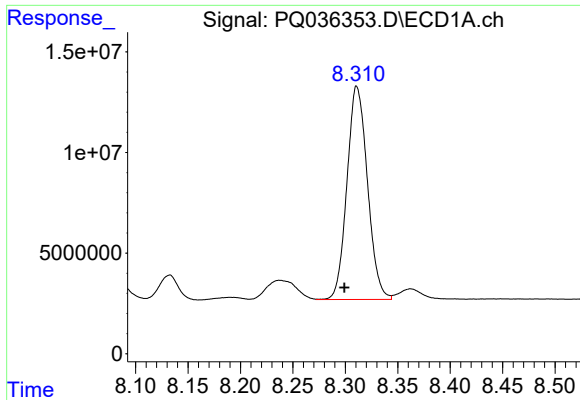
#36 AR-1262-1

R.T.: 7.767 min
Delta R.T.: 0.012 min
Response: 60904057
Conc: 259.89 ng/ml



#36 AR-1262-1

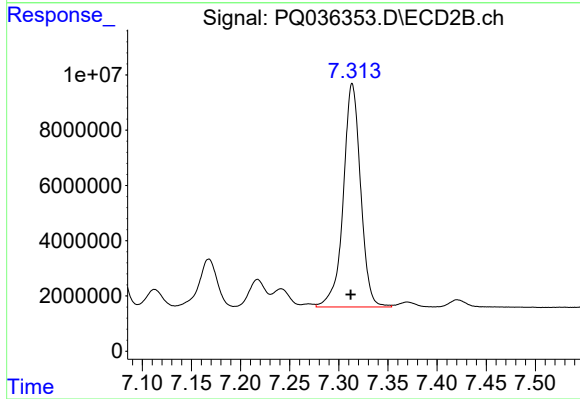
R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 46105162
Conc: 299.07 ng/ml



#37 AR-1262-2

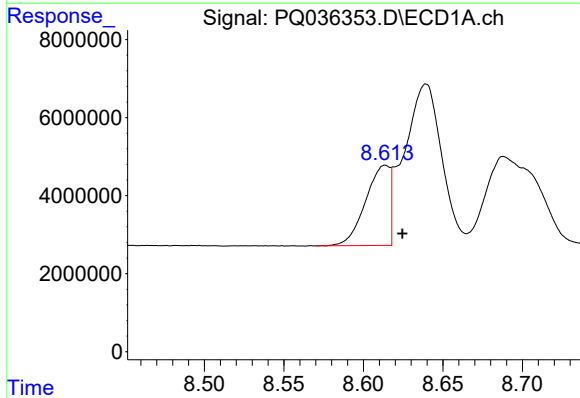
R.T.: 8.311 min
Delta R.T.: 0.012 min
Response: 144144952
Conc: 335.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



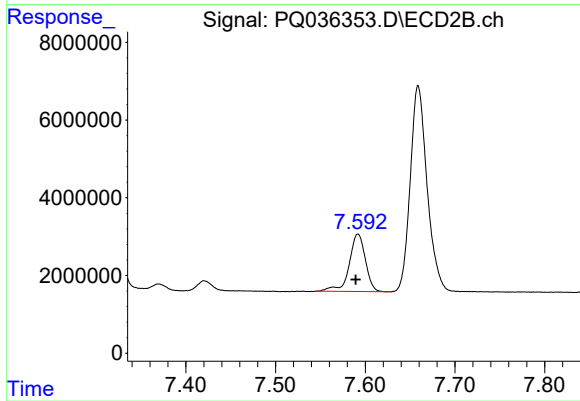
#37 AR-1262-2

R.T.: 7.314 min
Delta R.T.: 0.001 min
Response: 99210449
Conc: 356.38 ng/ml



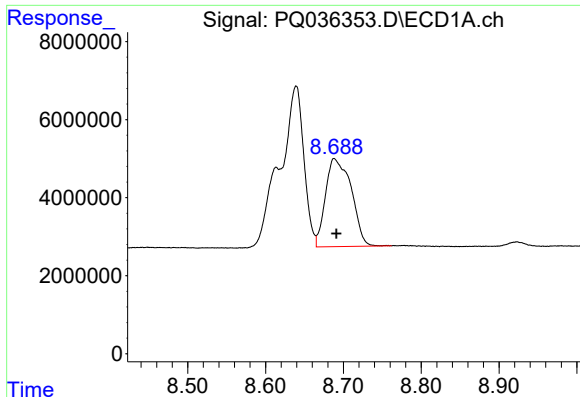
#38 AR-1262-3

R.T.: 8.614 min
Delta R.T.: -0.011 min
Response: 21849834
Conc: 234.79 ng/ml



#38 AR-1262-3

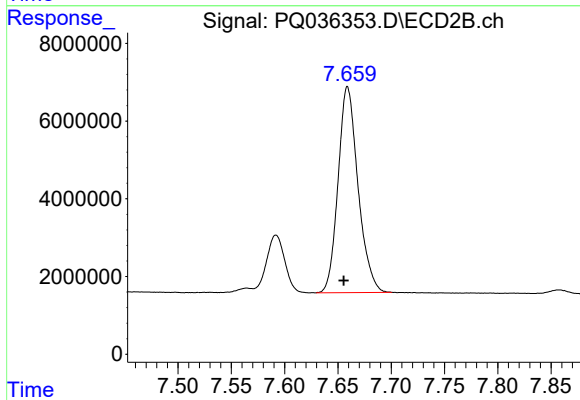
R.T.: 7.592 min
Delta R.T.: 0.003 min
Response: 18510003
Conc: 178.56 ng/ml



#39 AR-1262-4

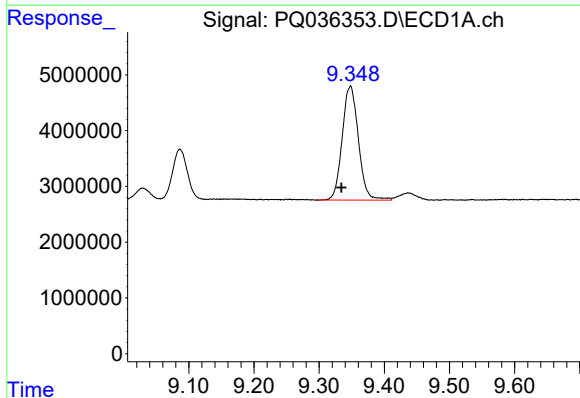
R.T.: 8.688 min
Delta R.T.: -0.003 min
Response: 51924731
Conc: 250.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



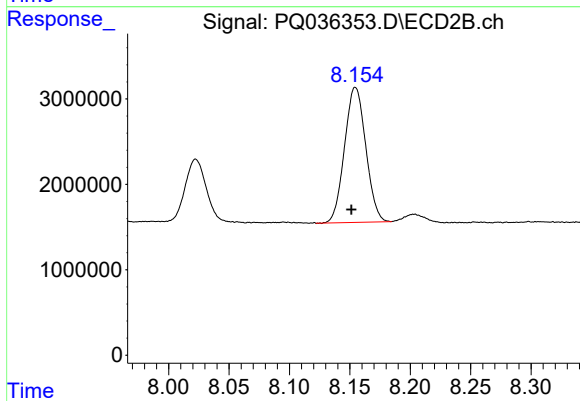
#39 AR-1262-4

R.T.: 7.659 min
Delta R.T.: 0.003 min
Response: 69057975
Conc: 346.99 ng/ml



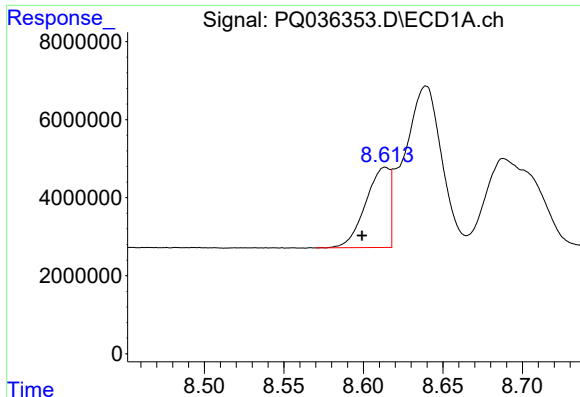
#40 AR-1262-5

R.T.: 9.348 min
Delta R.T.: 0.014 min
Response: 35374041
Conc: 243.50 ng/ml



#40 AR-1262-5

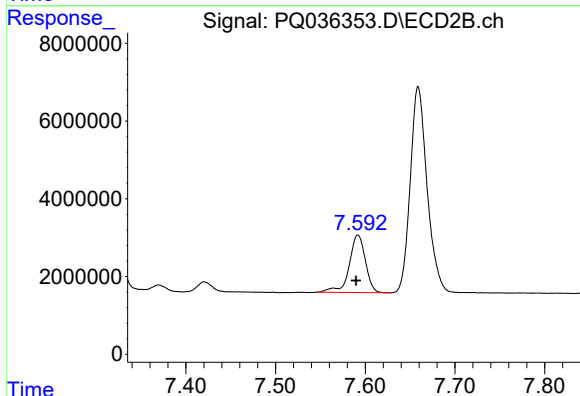
R.T.: 8.155 min
Delta R.T.: 0.003 min
Response: 19348153
Conc: 220.04 ng/ml



#41 AR-1268-1

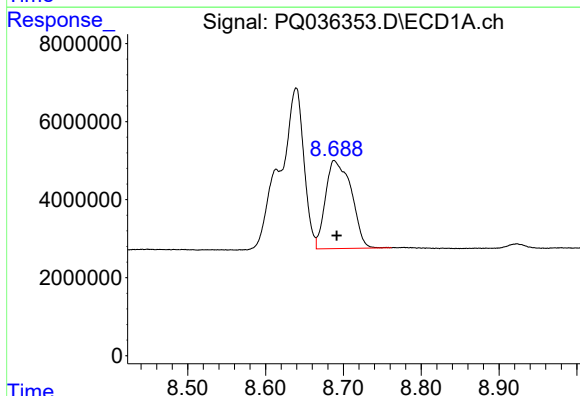
R.T.: 8.614 min
Delta R.T.: 0.015 min
Response: 21849834
Conc: 43.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



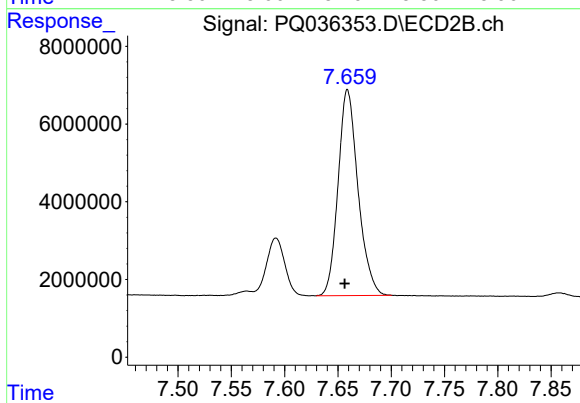
#41 AR-1268-1

R.T.: 7.592 min
Delta R.T.: 0.002 min
Response: 18510003
Conc: 58.26 ng/ml



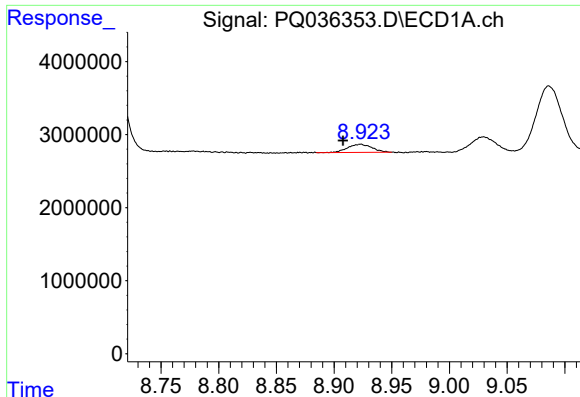
#42 AR-1268-2

R.T.: 8.688 min
Delta R.T.: -0.003 min
Response: 51924731
Conc: 108.58 ng/ml



#42 AR-1268-2

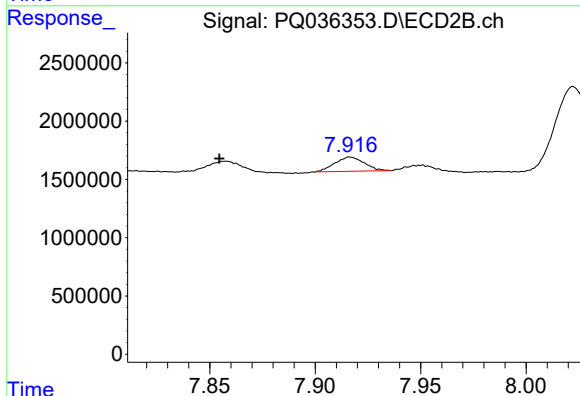
R.T.: 7.659 min
Delta R.T.: 0.003 min
Response: 69057975
Conc: 239.82 ng/ml



#43 AR-1268-3

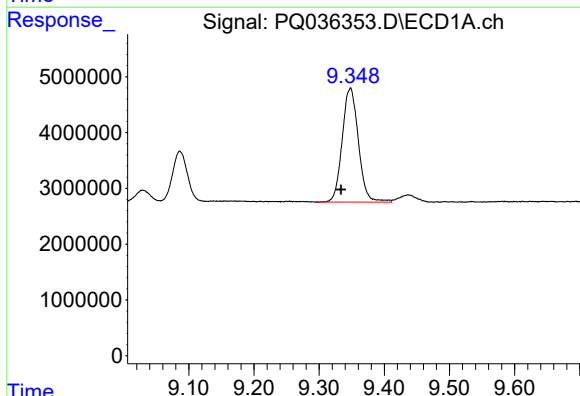
R.T.: 8.923 min
Delta R.T.: 0.015 min
Response: 1623998
Conc: 3.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



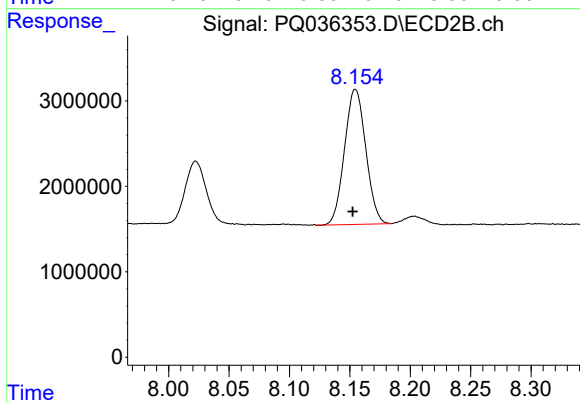
#43 AR-1268-3

R.T.: 7.917 min
Delta R.T.: 0.062 min
Response: 1192303
Conc: 5.06 ng/ml



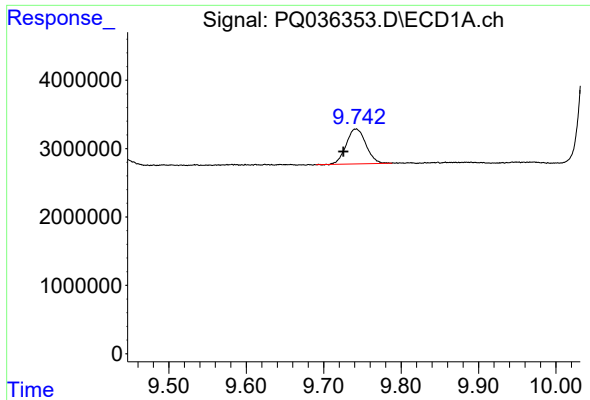
#44 AR-1268-4

R.T.: 9.348 min
Delta R.T.: 0.014 min
Response: 35374041
Conc: 215.43 ng/ml



#44 AR-1268-4

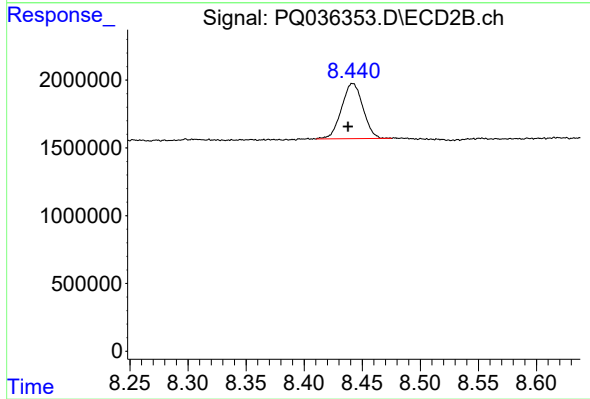
R.T.: 8.155 min
Delta R.T.: 0.002 min
Response: 19348153
Conc: 194.60 ng/ml



#45 AR-1268-5

R.T.: 9.742 min
Delta R.T.: 0.016 min
Response: 9082489
Conc: 6.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.442 min
Delta R.T.: 0.004 min
Response: 5239218
Conc: 6.97 ng/ml