

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042020\
 Data File : PQ047504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2020 13:49
 Operator : AJ\MA
 Sample : PB128339BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 14:28:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 17 08:20:56 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...	5.106	4.262	449.3E6	62871511	24.447	21.126
2)	SA Decachlor...	11.183	9.644	534.1E6	72527161	25.018	23.199
Target Compounds							
3)	L1 AR-1016-1	6.420	5.534	194.6E6	27321189	287.498	240.130
4)	L1 AR-1016-2	6.444	5.554	273.0E6	36213944	285.797	236.647
5)	L1 AR-1016-3	6.511	5.750	169.8E6	19178217	295.530	239.150
6)	L1 AR-1016-4	6.618	5.797	147.1E6	15138792	303.654	238.034
7)	L1 AR-1016-5	6.933	6.031	133.0E6	19896626	284.264	235.016
8)	L2 AR-1221-1	5.347	4.521	15284980	2035269	69.616	59.581
9)	L2 AR-1221-2	5.451	4.624	23313939	3168983	141.046	122.117
10)	L2 AR-1221-3	5.537	4.714	88277328	12290157	174.858	151.880
11)	L3 AR-1232-1	5.537	4.714	88277328	12290157	279.459	244.707
12)	L3 AR-1232-2	6.127	5.554	129.4E6	36213944	743.154	676.744
13)	L3 AR-1232-3	6.444	5.750	273.0E6	19178217	796.328	680.519
14)	L3 AR-1232-4	6.618	5.843	147.1E6	18583635	830.057	755.533
15)	L3 AR-1232-5	6.716	6.031	111.0E6	19896626	843.328	721.074
16)	L4 AR-1242-1	6.420	5.534	194.6E6	27321189	452.950	385.155
17)	L4 AR-1242-2	6.444	5.554	273.0E6	36213944	448.457	380.143
18)	L4 AR-1242-3	6.511	5.750	169.8E6	19178217	458.306	376.872
19)	L4 AR-1242-4	6.618	5.843	147.1E6	18583635	469.952	379.547
20)	L4 AR-1242-5	7.400	6.412	21434511	15954838	61.554	241.920 #
21)	L5 AR-1248-1	6.420	5.534	194.6E6	27321189	528.420	454.946
22)	L5 AR-1248-2	6.716	5.797	111.0E6	15138792	224.837	198.087
23)	L5 AR-1248-3	6.933	5.843	133.0E6	18583635	241.387	239.053
24)	L5 AR-1248-4	7.360	6.031	21862181	19896626	32.570	207.347 #
25)	L5 AR-1248-5	7.400	6.456	21434511	2468482	33.899	25.101 #
26)	L6 AR-1254-1	7.331	6.412	101.9E6	15954838	148.421	98.630 #
27)	L6 AR-1254-2	7.559	6.570	112.2E6	15501321	103.556	109.910
28)	L6 AR-1254-3	7.942	7.010	64357206	28057691	54.870	119.358 #
29)	L6 AR-1254-4	8.237	7.234	41529696	3150427	42.603	20.253 #
30)	L6 AR-1254-5	8.666	7.665	384.8E6	58796100	389.830	274.422 #
31)	L7 AR-1260-1	8.110	7.131	248.6E6	40251408	298.331	257.637
32)	L7 AR-1260-2	8.375	7.327	329.6E6	50697155	286.041	257.480
33)	L7 AR-1260-3	8.742	7.486	230.7E6	46069159	240.637	254.702
34)	L7 AR-1260-4	8.976	7.970	245.0E6	34247406	259.256	222.709
35)	L7 AR-1260-5	9.309	8.217	573.9E6	86816279	253.913	223.900
36)	L8 AR-1262-1	8.742	7.665	230.7E6	58796100	176.523	580.772 #
37)	L8 AR-1262-2	9.309	8.217	573.9E6	86816279	237.299	221.953
38)	L8 AR-1262-3	9.650	8.504	356.4E6	16179391	220.321	107.682 #
39)	L8 AR-1262-4	9.707	8.569	213.0E6	61658898	170.532	215.233 #
40)	L8 AR-1262-5	10.409	9.077	151.7E6	19367204	166.397	145.865
41)	L9 AR-1268-1	9.650	8.504	356.4E6	16179391	109.277	33.495 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042020\
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 Acq On : 20 Apr 2020 13:49
 Operator : AJ\MA
 Sample : PB128339BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

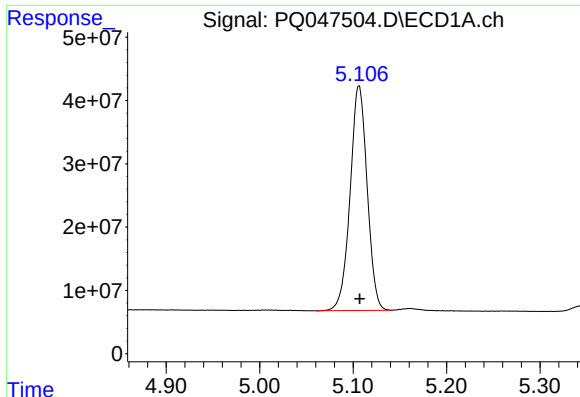
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 14:28:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041620.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	9.707	8.569	213.0E6	61658898	73.733	138.165 #
43) L9	AR-1268-3	9.963	8.779	12251332	1585505	4.819	4.359
44) L9	AR-1268-4	10.409	9.077	151.7E6	19367204	146.644	129.516
45) L9	AR-1268-5	10.836	9.379	50834114	6621202	6.979	5.870

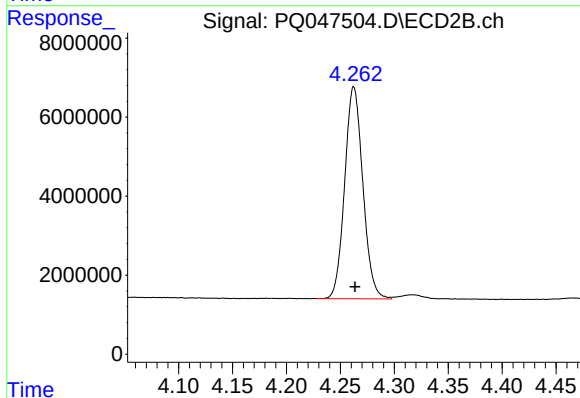
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

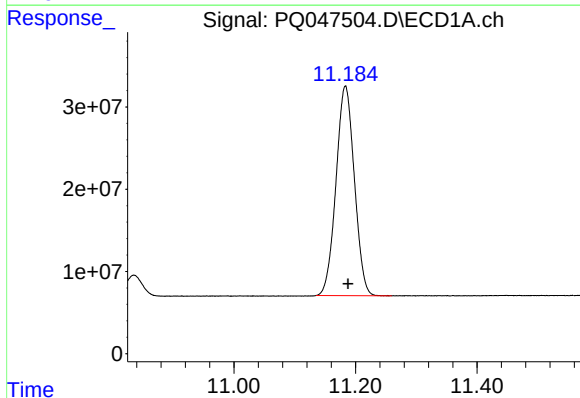
R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 449326329
Conc: 24.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



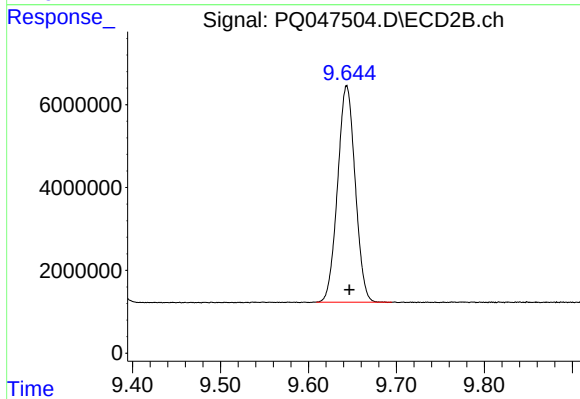
#1 Tetrachloro-m-xylene

R.T.: 4.262 min
Delta R.T.: -0.001 min
Response: 62871511
Conc: 21.13 ng/ml



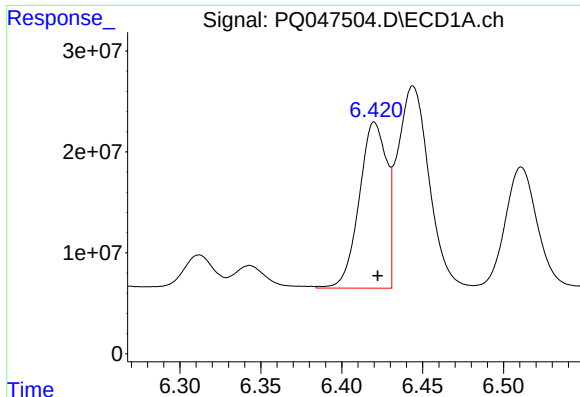
#2 Decachlorobiphenyl

R.T.: 11.183 min
Delta R.T.: -0.004 min
Response: 534083620
Conc: 25.02 ng/ml



#2 Decachlorobiphenyl

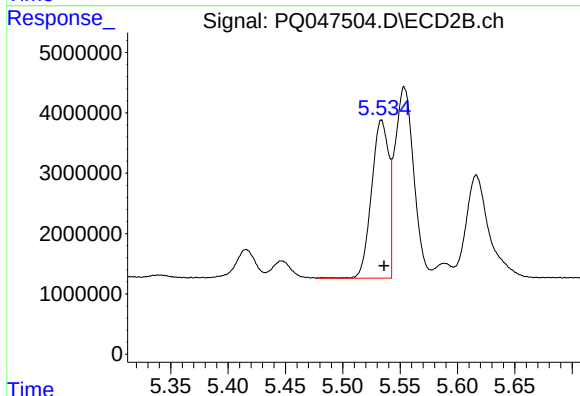
R.T.: 9.644 min
Delta R.T.: -0.003 min
Response: 72527161
Conc: 23.20 ng/ml



#3 AR-1016-1

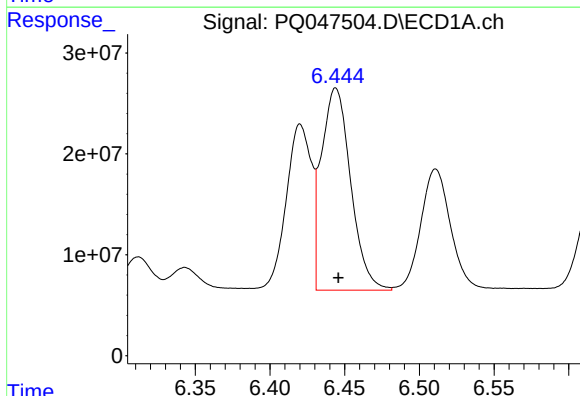
R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 194646325
Conc: 287.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



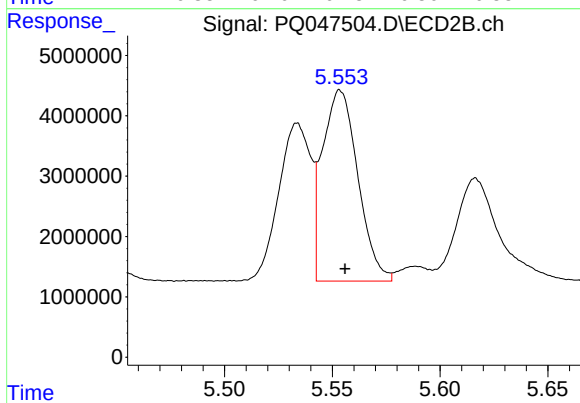
#3 AR-1016-1

R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 27321189
Conc: 240.13 ng/ml



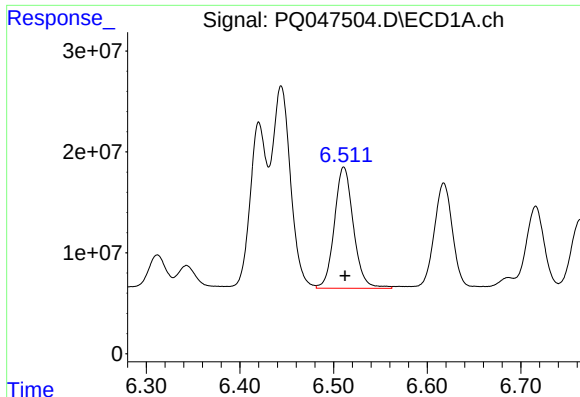
#4 AR-1016-2

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 273020180
Conc: 285.80 ng/ml



#4 AR-1016-2

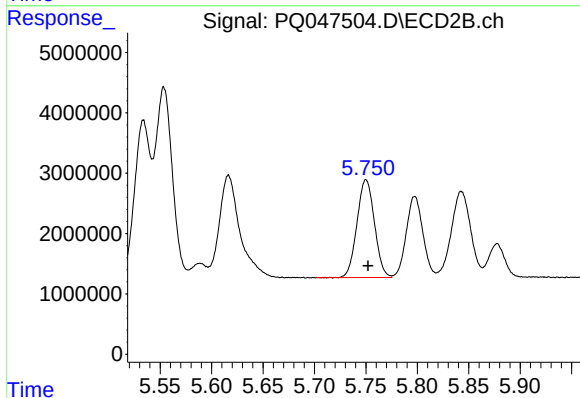
R.T.: 5.554 min
Delta R.T.: -0.002 min
Response: 36213944
Conc: 236.65 ng/ml



#5 AR-1016-3

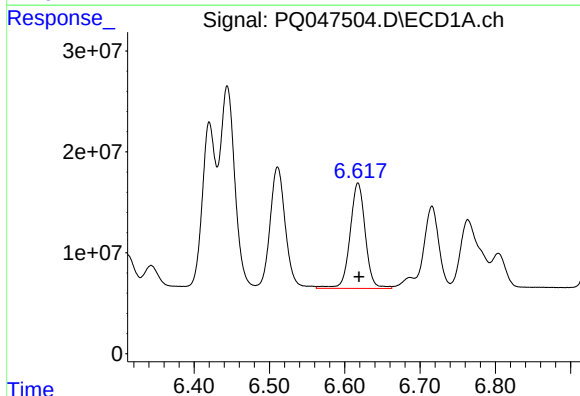
R.T.: 6.511 min
Delta R.T.: -0.001 min
Response: 169798762
Conc: 295.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



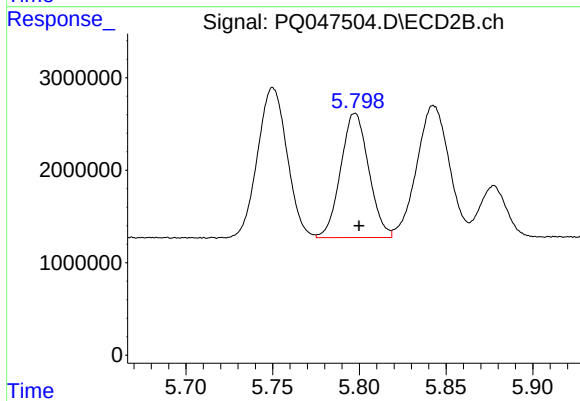
#5 AR-1016-3

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 19178217
Conc: 239.15 ng/ml



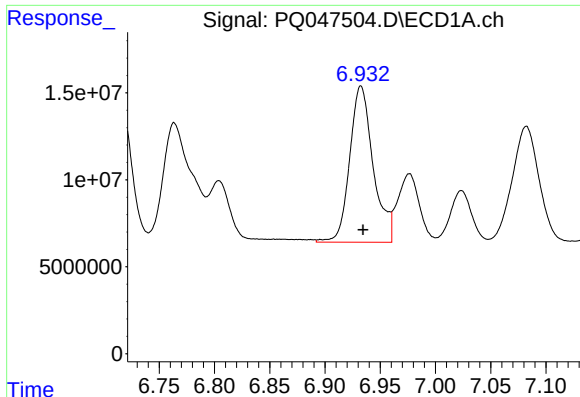
#6 AR-1016-4

R.T.: 6.618 min
Delta R.T.: -0.001 min
Response: 147122021
Conc: 303.65 ng/ml



#6 AR-1016-4

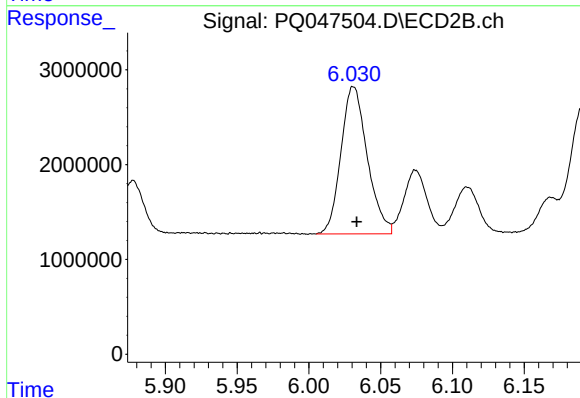
R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 15138792
Conc: 238.03 ng/ml



#7 AR-1016-5

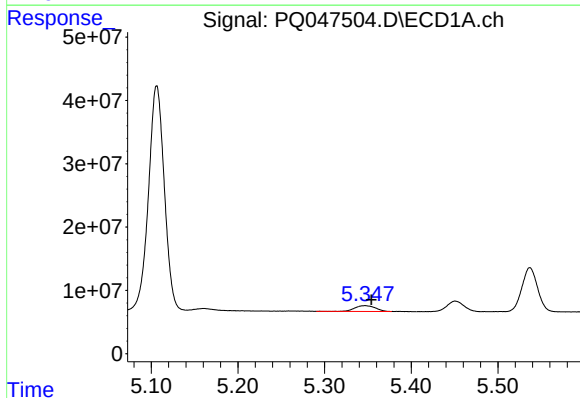
R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 132960662
Conc: 284.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



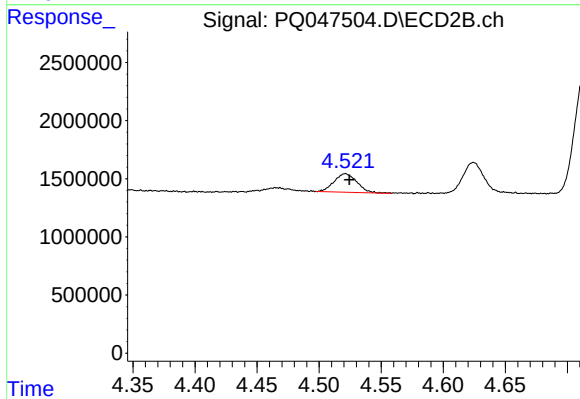
#7 AR-1016-5

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 19896626
Conc: 235.02 ng/ml



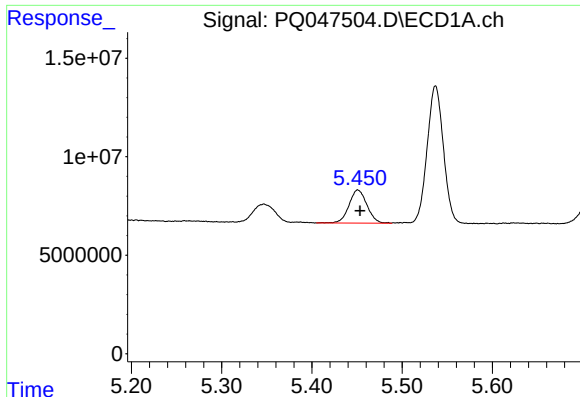
#8 AR-1221-1

R.T.: 5.347 min
Delta R.T.: -0.007 min
Response: 15284980
Conc: 69.62 ng/ml



#8 AR-1221-1

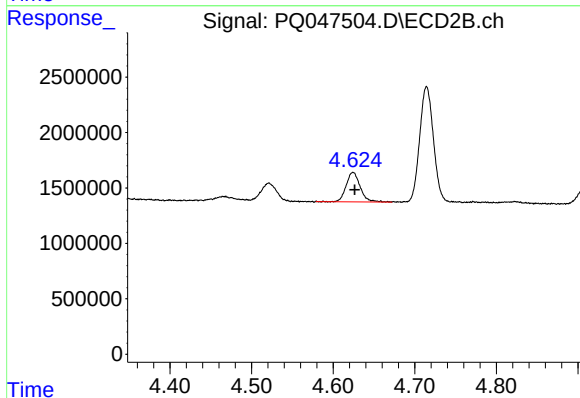
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 2035269
Conc: 59.58 ng/ml



#9 AR-1221-2

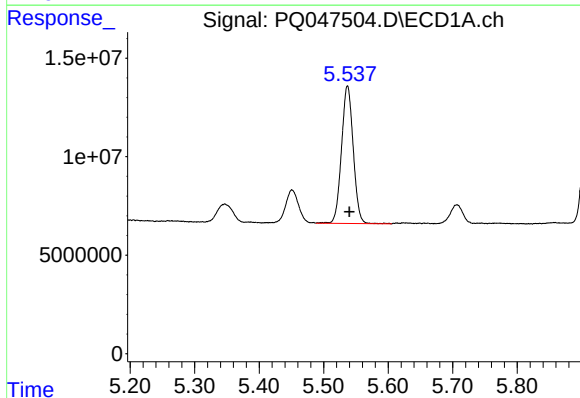
R.T.: 5.451 min
Delta R.T.: -0.002 min
Response: 23313939
Conc: 141.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



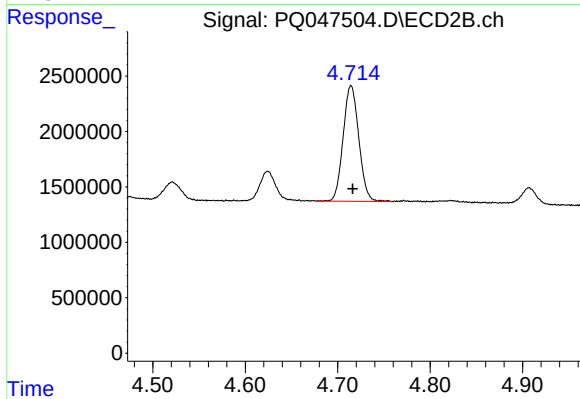
#9 AR-1221-2

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 3168983
Conc: 122.12 ng/ml



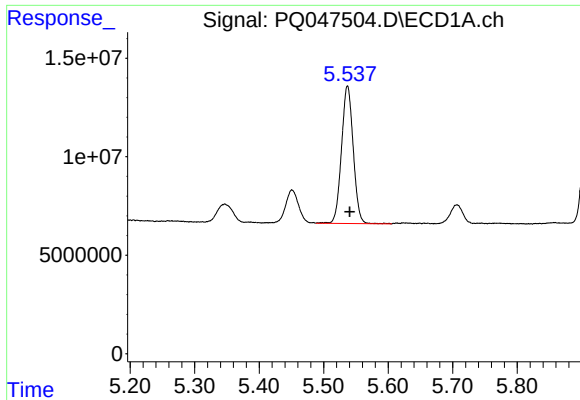
#10 AR-1221-3

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 88277328
Conc: 174.86 ng/ml



#10 AR-1221-3

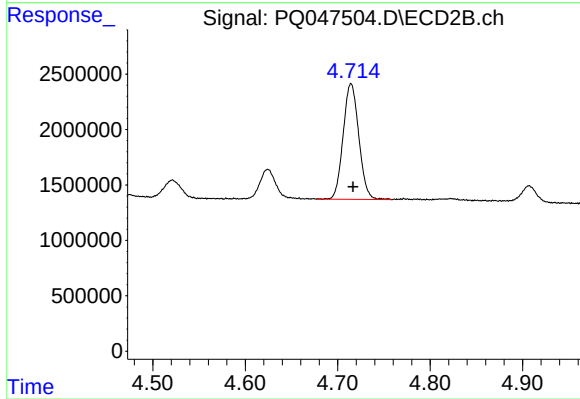
R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 12290157
Conc: 151.88 ng/ml



#11 AR-1232-1

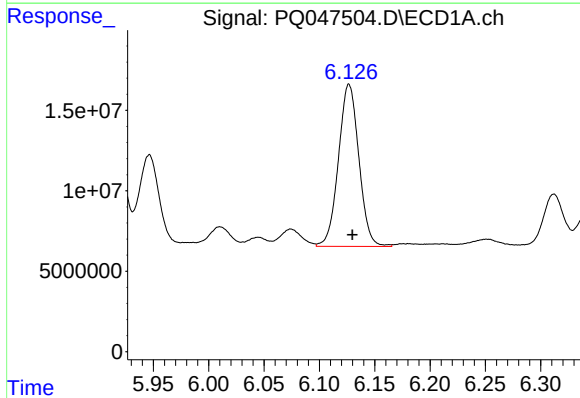
R.T.: 5.537 min
Delta R.T.: -0.004 min
Response: 88277328
Conc: 279.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



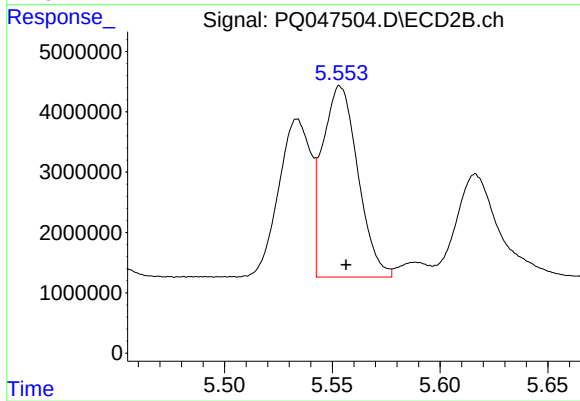
#11 AR-1232-1

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 12290157
Conc: 244.71 ng/ml



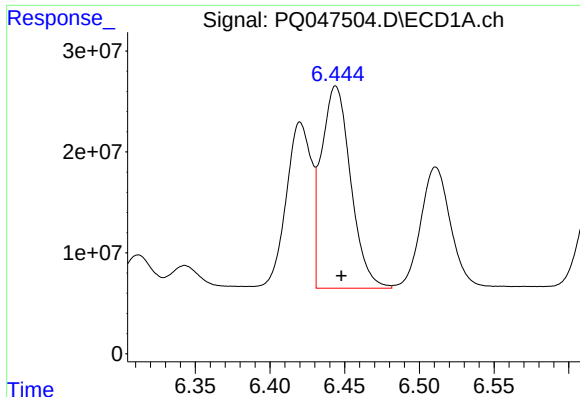
#12 AR-1232-2

R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 129371080
Conc: 743.15 ng/ml



#12 AR-1232-2

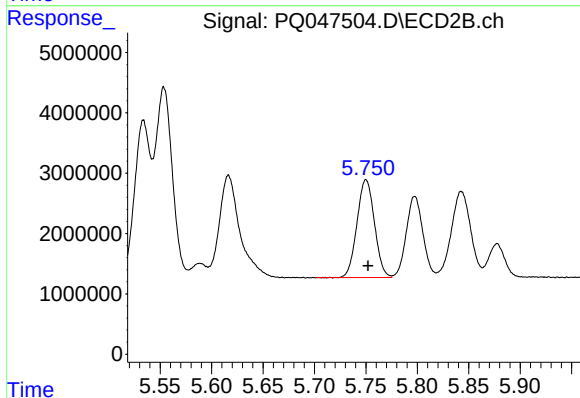
R.T.: 5.554 min
Delta R.T.: -0.003 min
Response: 36213944
Conc: 676.74 ng/ml



#13 AR-1232-3

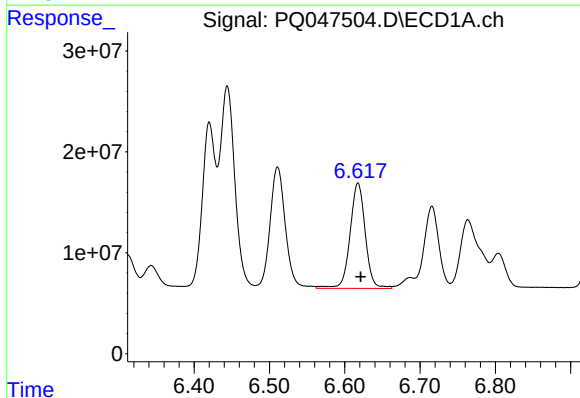
R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 273020180
Conc: 796.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



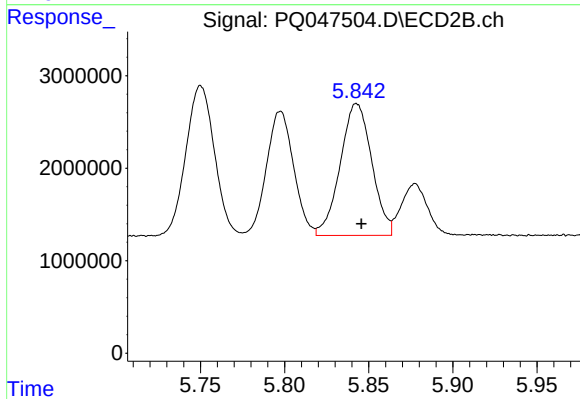
#13 AR-1232-3

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 19178217
Conc: 680.52 ng/ml



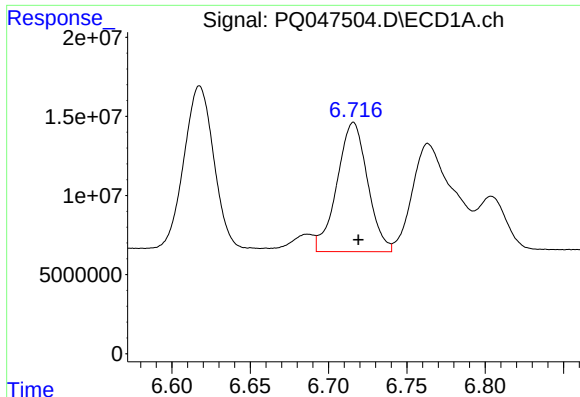
#14 AR-1232-4

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 147122021
Conc: 830.06 ng/ml



#14 AR-1232-4

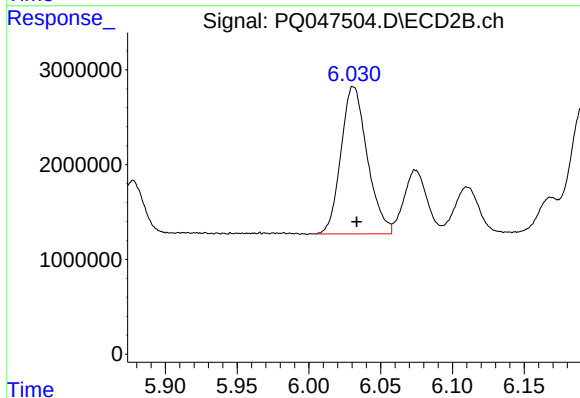
R.T.: 5.843 min
Delta R.T.: -0.003 min
Response: 18583635
Conc: 755.53 ng/ml



#15 AR-1232-5

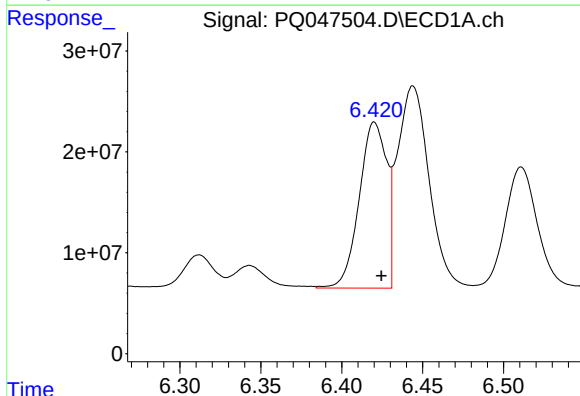
R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 110998653
Conc: 843.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



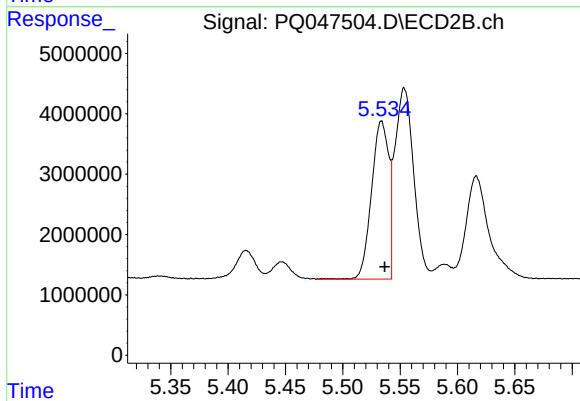
#15 AR-1232-5

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 19896626
Conc: 721.07 ng/ml



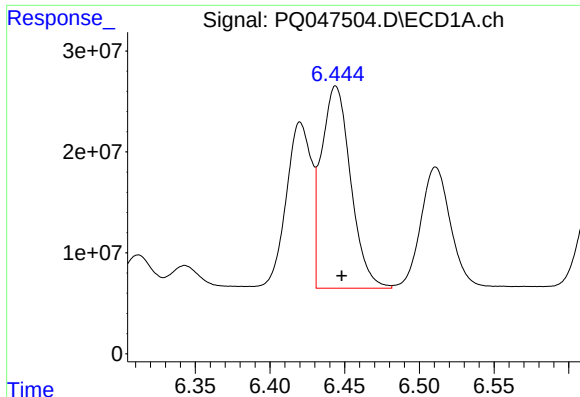
#16 AR-1242-1

R.T.: 6.420 min
Delta R.T.: -0.004 min
Response: 194646325
Conc: 452.95 ng/ml



#16 AR-1242-1

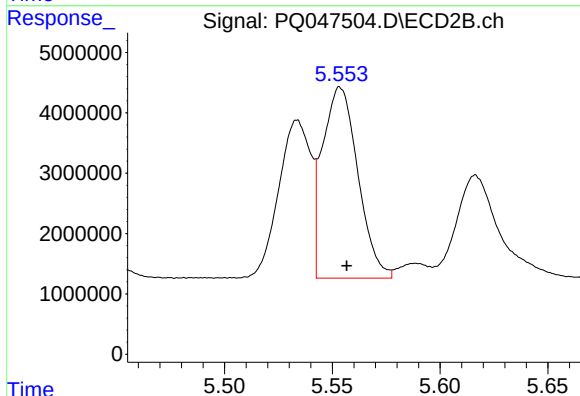
R.T.: 5.534 min
Delta R.T.: -0.003 min
Response: 27321189
Conc: 385.15 ng/ml



#17 AR-1242-2

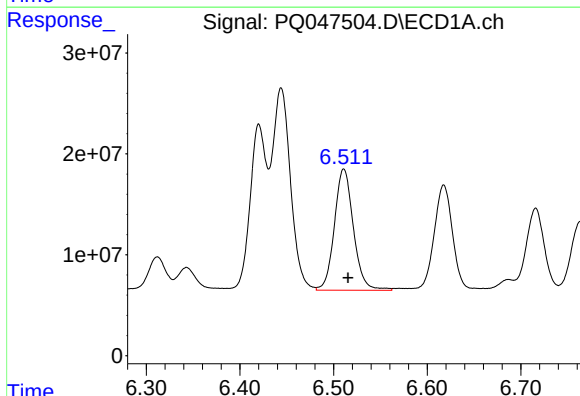
R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 273020180
Conc: 448.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



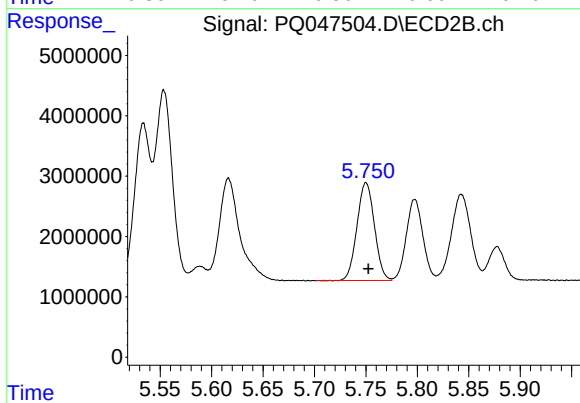
#17 AR-1242-2

R.T.: 5.554 min
Delta R.T.: -0.003 min
Response: 36213944
Conc: 380.14 ng/ml



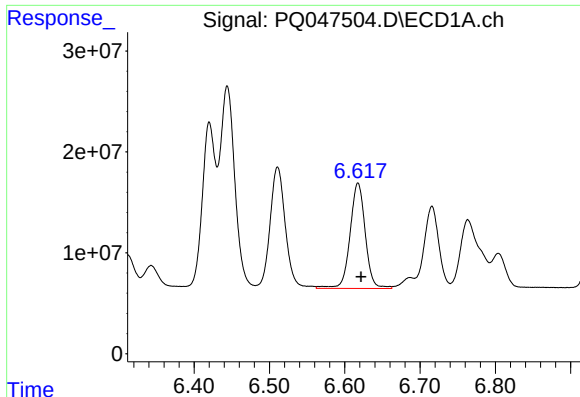
#18 AR-1242-3

R.T.: 6.511 min
Delta R.T.: -0.005 min
Response: 169798762
Conc: 458.31 ng/ml



#18 AR-1242-3

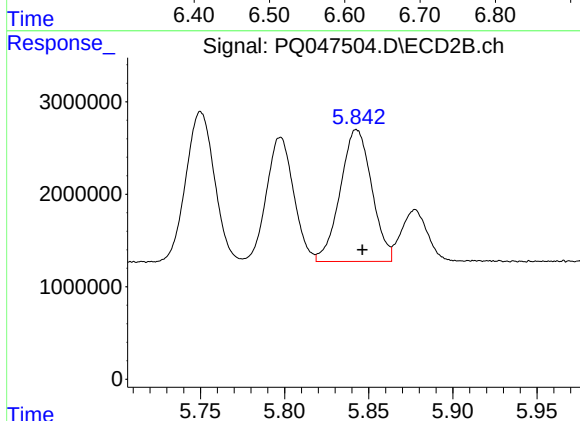
R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 19178217
Conc: 376.87 ng/ml



#19 AR-1242-4

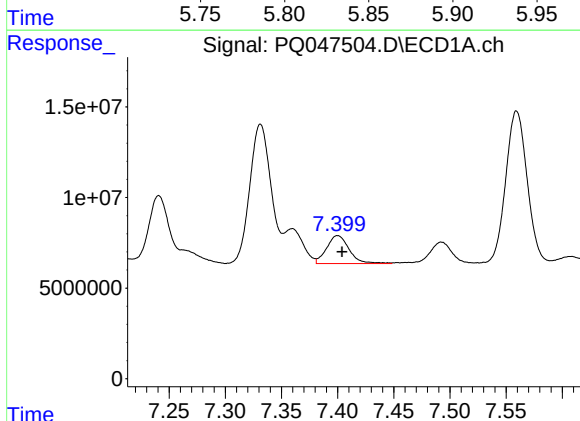
R.T.: 6.618 min
Delta R.T.: -0.004 min
Response: 147122021
Conc: 469.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



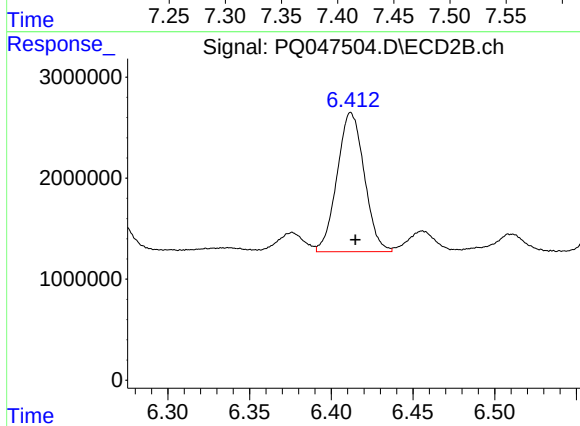
#19 AR-1242-4

R.T.: 5.843 min
Delta R.T.: -0.003 min
Response: 18583635
Conc: 379.55 ng/ml



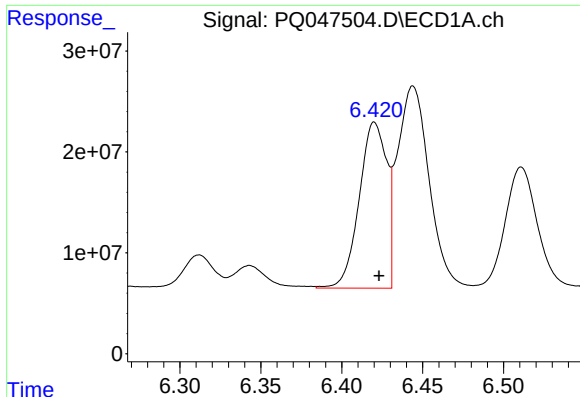
#20 AR-1242-5

R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 21434511
Conc: 61.55 ng/ml



#20 AR-1242-5

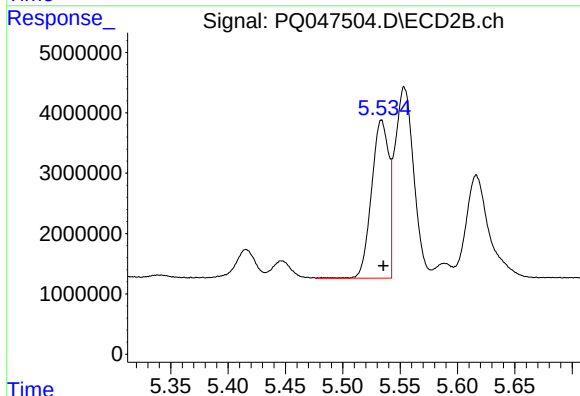
R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 15954838
Conc: 241.92 ng/ml



#21 AR-1248-1

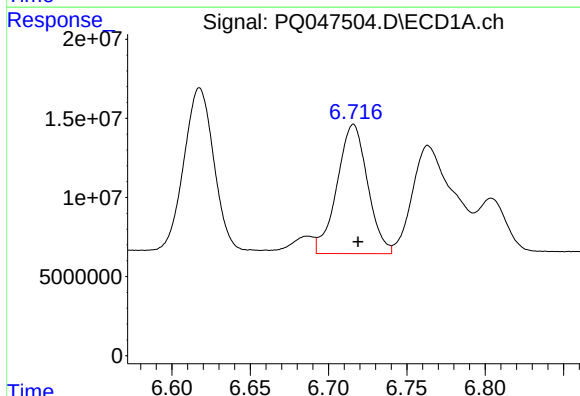
R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 194646325
Conc: 528.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



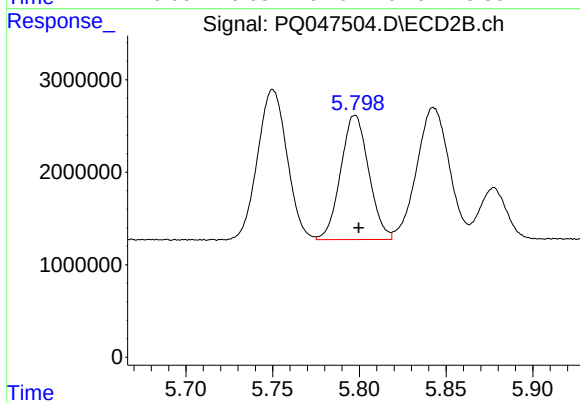
#21 AR-1248-1

R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 27321189
Conc: 454.95 ng/ml



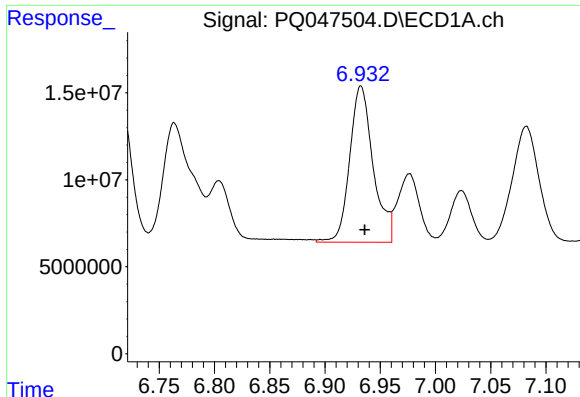
#22 AR-1248-2

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 110998653
Conc: 224.84 ng/ml



#22 AR-1248-2

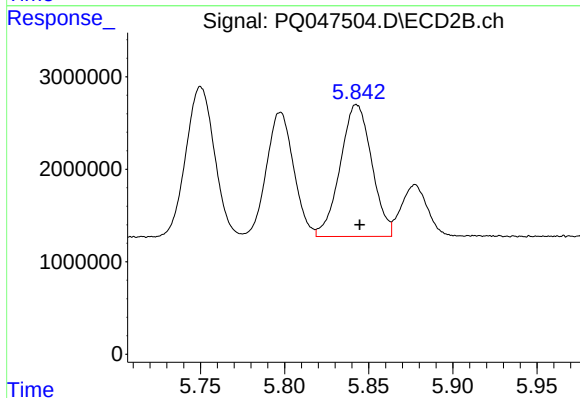
R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 15138792
Conc: 198.09 ng/ml



#23 AR-1248-3

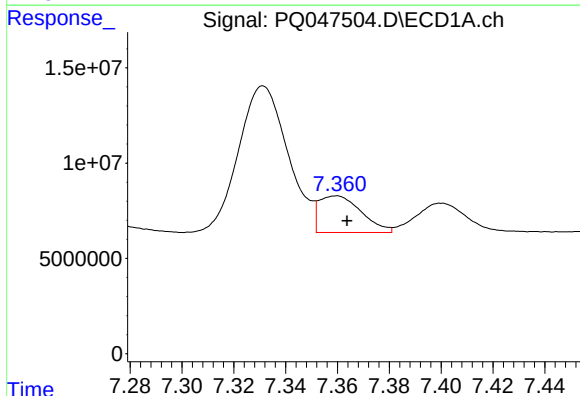
R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 132960662
Conc: 241.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



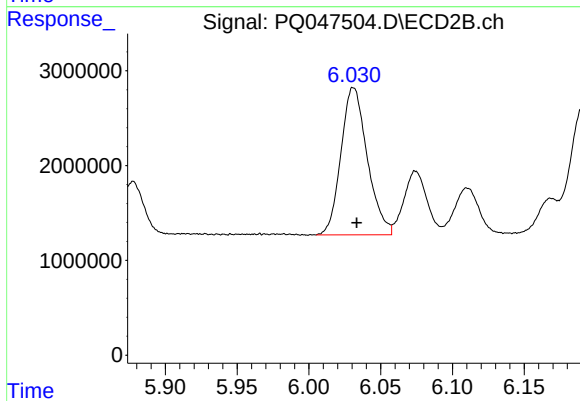
#23 AR-1248-3

R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 18583635
Conc: 239.05 ng/ml



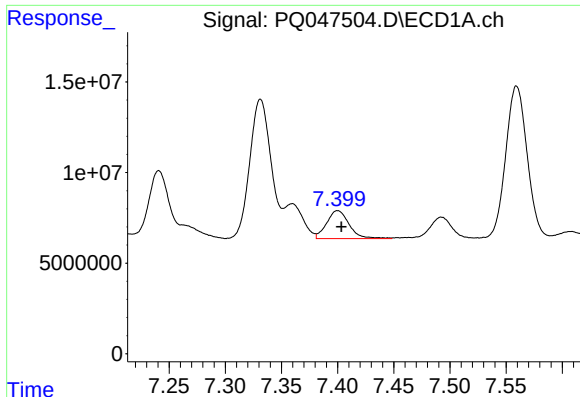
#24 AR-1248-4

R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 21862181
Conc: 32.57 ng/ml



#24 AR-1248-4

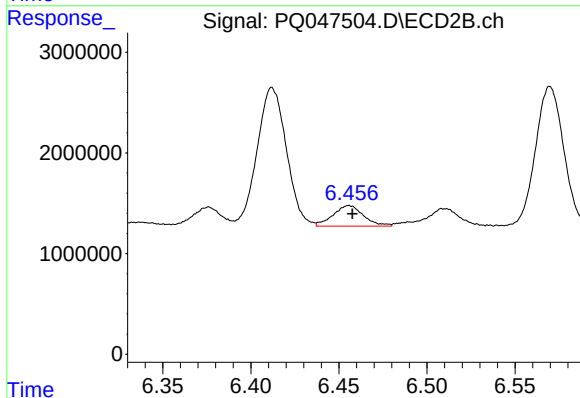
R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 19896626
Conc: 207.35 ng/ml



#25 AR-1248-5

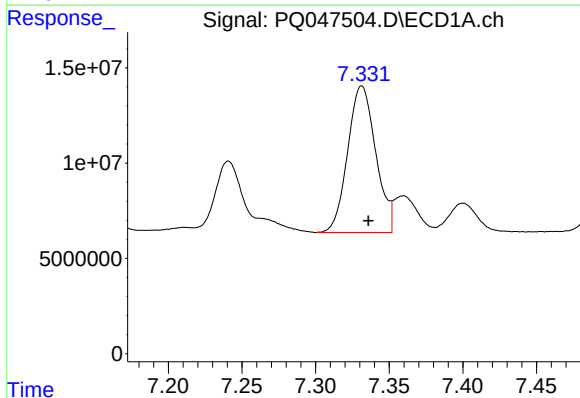
R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 21434511
Conc: 33.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



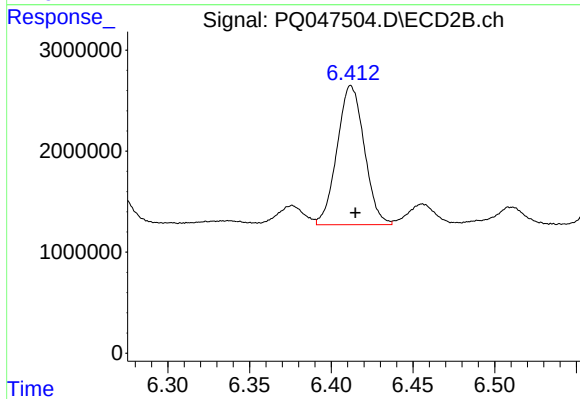
#25 AR-1248-5

R.T.: 6.456 min
Delta R.T.: -0.002 min
Response: 2468482
Conc: 25.10 ng/ml



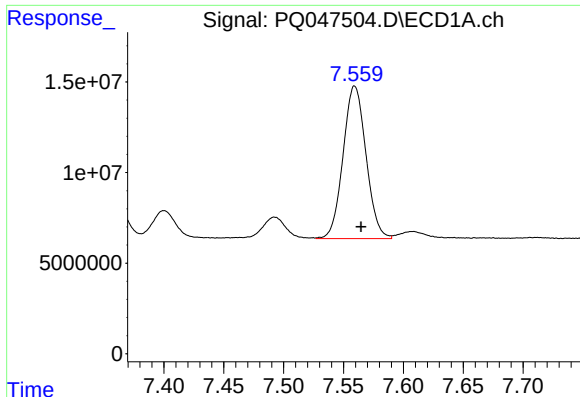
#26 AR-1254-1

R.T.: 7.331 min
Delta R.T.: -0.005 min
Response: 101873870
Conc: 148.42 ng/ml



#26 AR-1254-1

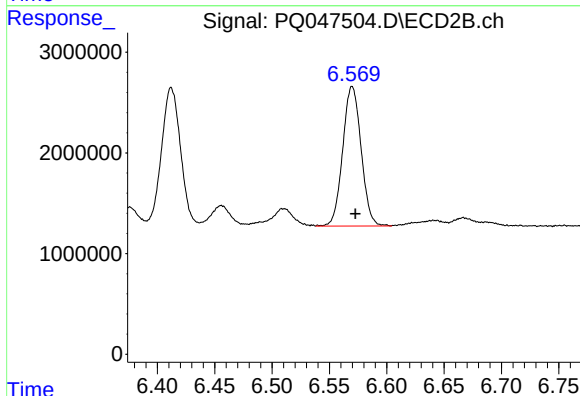
R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 15954838
Conc: 98.63 ng/ml



#27 AR-1254-2

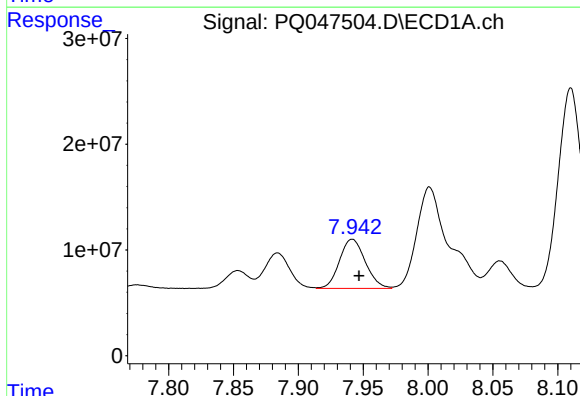
R.T.: 7.559 min
Delta R.T.: -0.005 min
Response: 112197858
Conc: 103.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



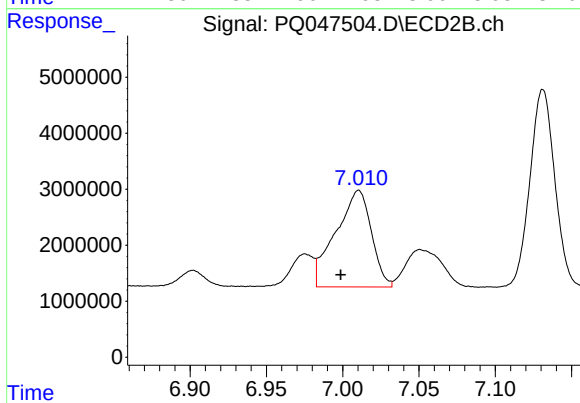
#27 AR-1254-2

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 15501321
Conc: 109.91 ng/ml



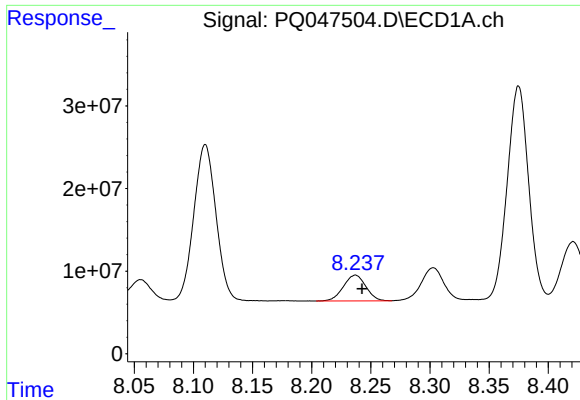
#28 AR-1254-3

R.T.: 7.942 min
Delta R.T.: -0.005 min
Response: 64357206
Conc: 54.87 ng/ml



#28 AR-1254-3

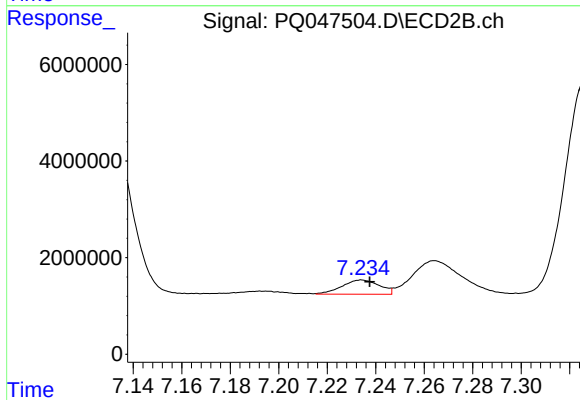
R.T.: 7.010 min
Delta R.T.: 0.012 min
Response: 28057691
Conc: 119.36 ng/ml



#29 AR-1254-4

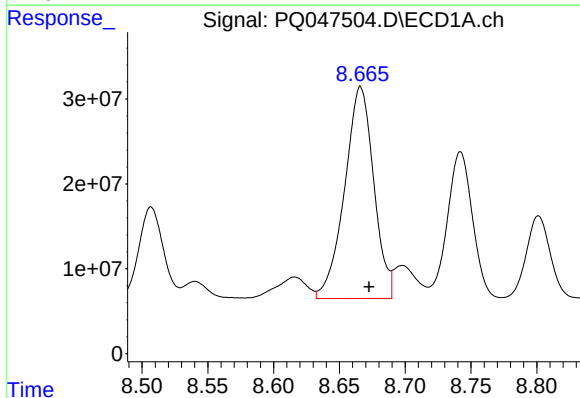
R.T.: 8.237 min
Delta R.T.: -0.006 min
Response: 41529696
Conc: 42.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



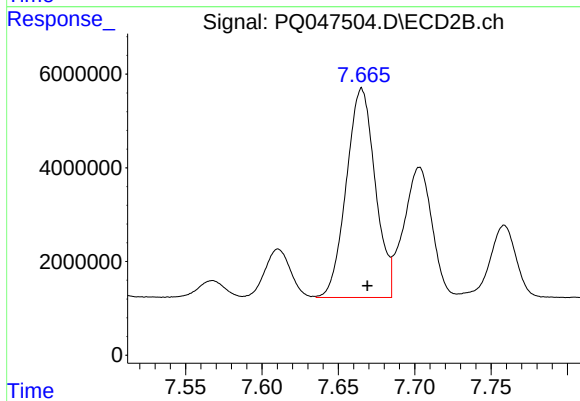
#29 AR-1254-4

R.T.: 7.234 min
Delta R.T.: -0.003 min
Response: 3150427
Conc: 20.25 ng/ml



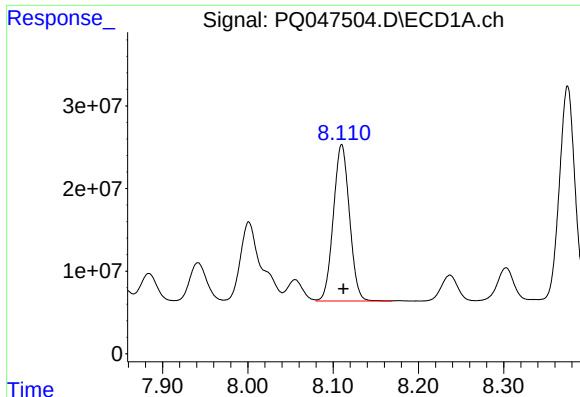
#30 AR-1254-5

R.T.: 8.666 min
Delta R.T.: -0.006 min
Response: 384766234
Conc: 389.83 ng/ml



#30 AR-1254-5

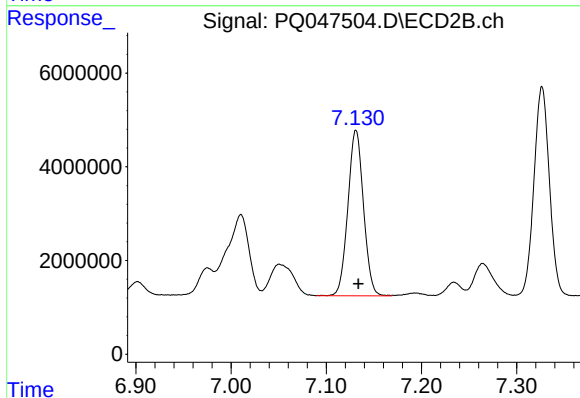
R.T.: 7.665 min
Delta R.T.: -0.004 min
Response: 58796100
Conc: 274.42 ng/ml



#31 AR-1260-1

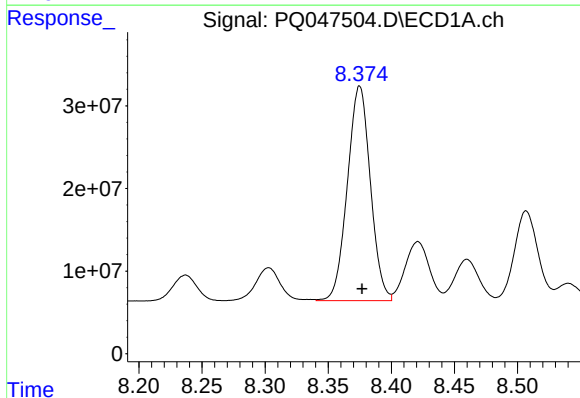
R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 248624100
Conc: 298.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



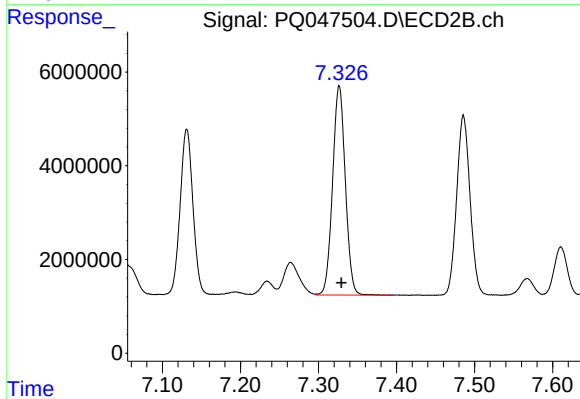
#31 AR-1260-1

R.T.: 7.131 min
Delta R.T.: -0.002 min
Response: 40251408
Conc: 257.64 ng/ml



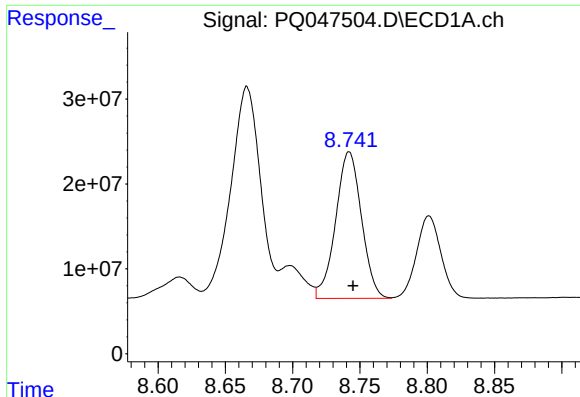
#32 AR-1260-2

R.T.: 8.375 min
Delta R.T.: -0.002 min
Response: 329637944
Conc: 286.04 ng/ml



#32 AR-1260-2

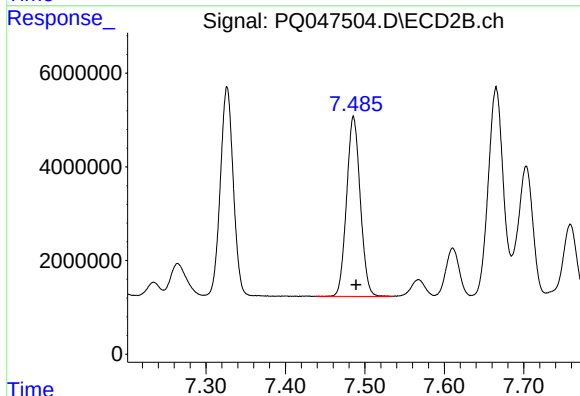
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 50697155
Conc: 257.48 ng/ml



#33 AR-1260-3

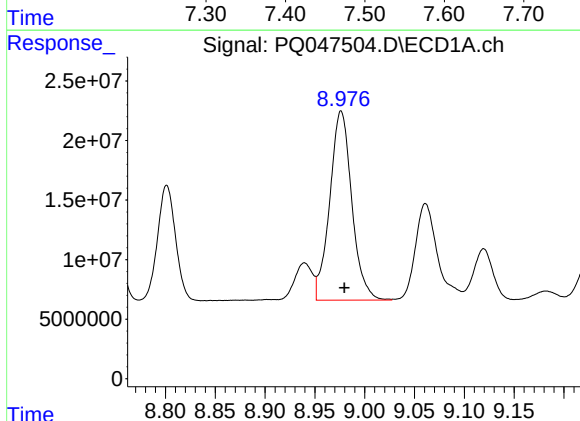
R.T.: 8.742 min
Delta R.T.: -0.003 min
Response: 230723009
Conc: 240.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



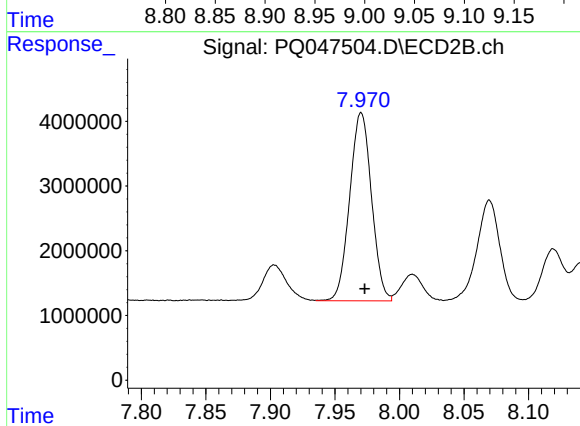
#33 AR-1260-3

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 46069159
Conc: 254.70 ng/ml



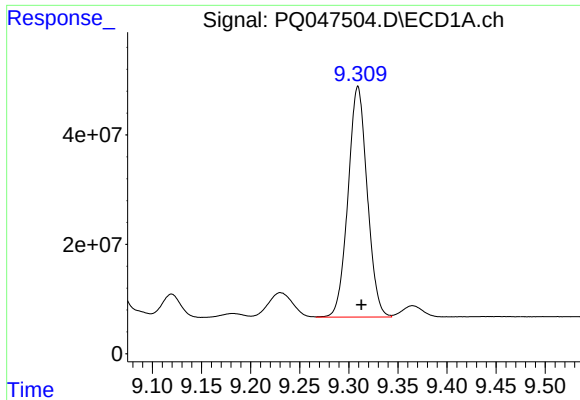
#34 AR-1260-4

R.T.: 8.976 min
Delta R.T.: -0.003 min
Response: 244991441
Conc: 259.26 ng/ml



#34 AR-1260-4

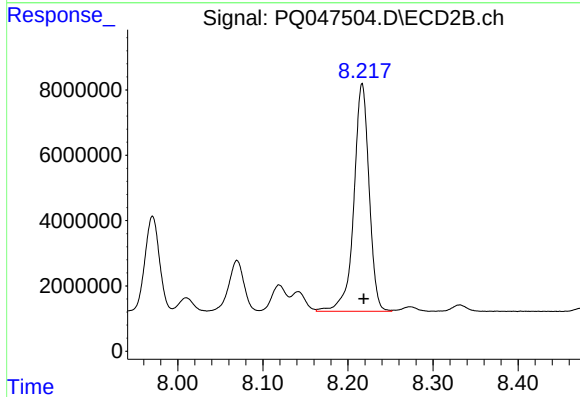
R.T.: 7.970 min
Delta R.T.: -0.003 min
Response: 34247406
Conc: 222.71 ng/ml



#35 AR-1260-5

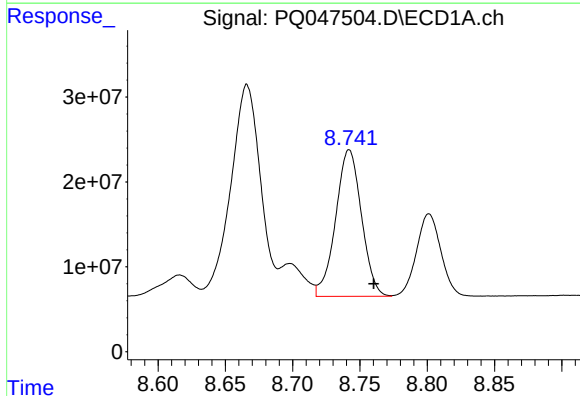
R.T.: 9.309 min
Delta R.T.: -0.004 min
Response: 573927590
Conc: 253.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



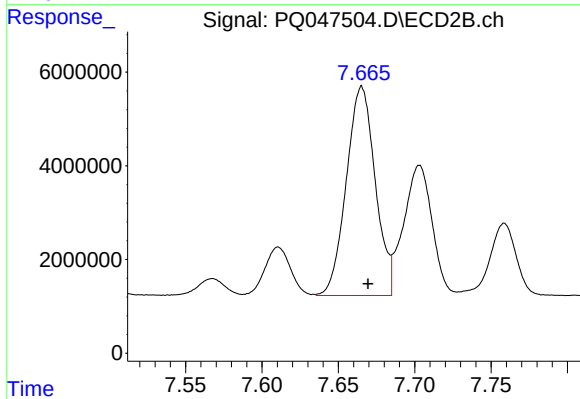
#35 AR-1260-5

R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 86816279
Conc: 223.90 ng/ml



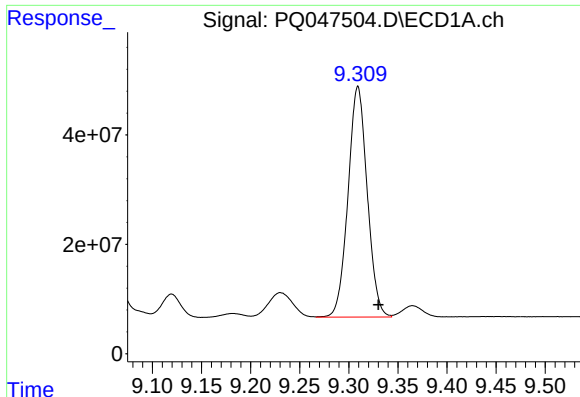
#36 AR-1262-1

R.T.: 8.742 min
Delta R.T.: -0.018 min
Response: 230723009
Conc: 176.52 ng/ml



#36 AR-1262-1

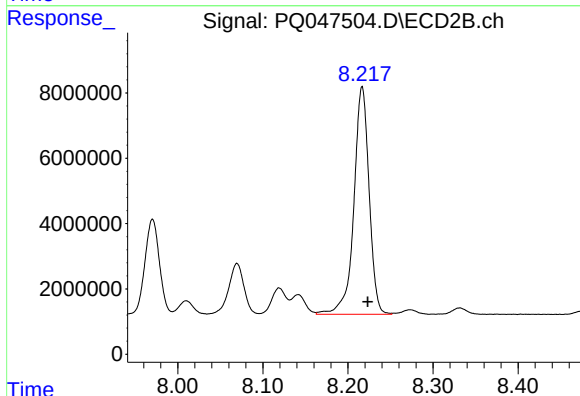
R.T.: 7.665 min
Delta R.T.: -0.004 min
Response: 58796100
Conc: 580.77 ng/ml



#37 AR-1262-2

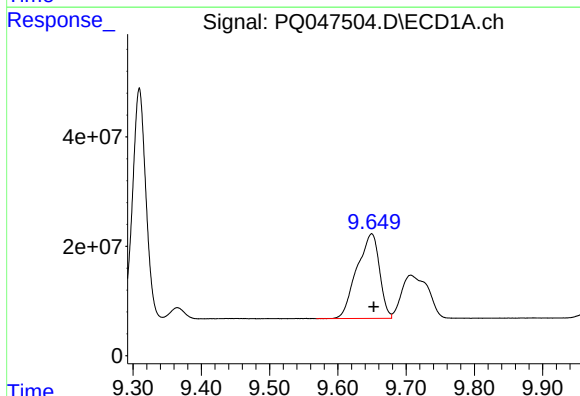
R.T.: 9.309 min
Delta R.T.: -0.021 min
Response: 573927590
Conc: 237.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



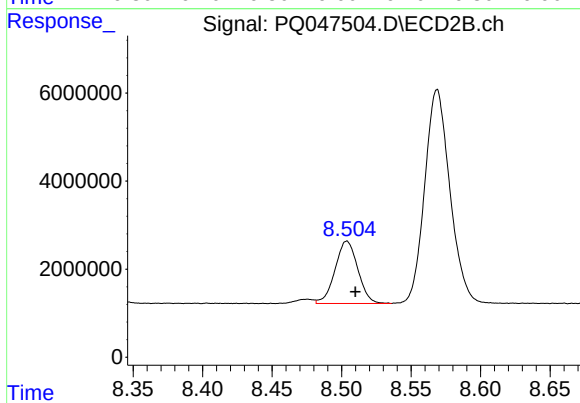
#37 AR-1262-2

R.T.: 8.217 min
Delta R.T.: -0.006 min
Response: 86816279
Conc: 221.95 ng/ml



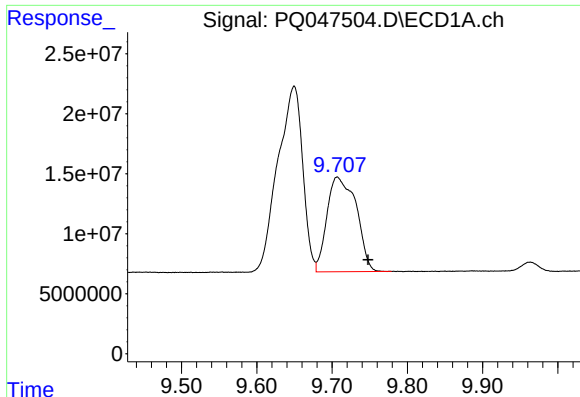
#38 AR-1262-3

R.T.: 9.650 min
Delta R.T.: -0.003 min
Response: 356408281
Conc: 220.32 ng/ml



#38 AR-1262-3

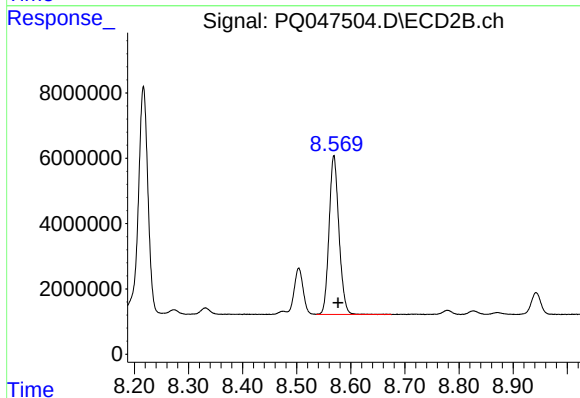
R.T.: 8.504 min
Delta R.T.: -0.006 min
Response: 16179391
Conc: 107.68 ng/ml



#39 AR-1262-4

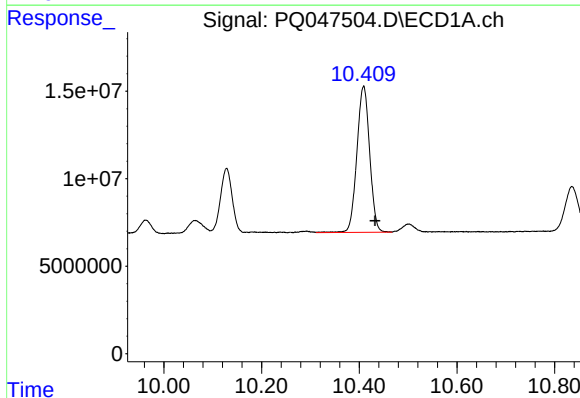
R.T.: 9.707 min
Delta R.T.: -0.041 min
Response: 213002657
Conc: 170.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



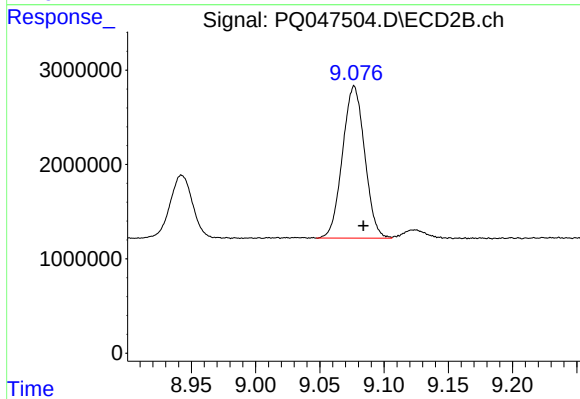
#39 AR-1262-4

R.T.: 8.569 min
Delta R.T.: -0.008 min
Response: 61658898
Conc: 215.23 ng/ml



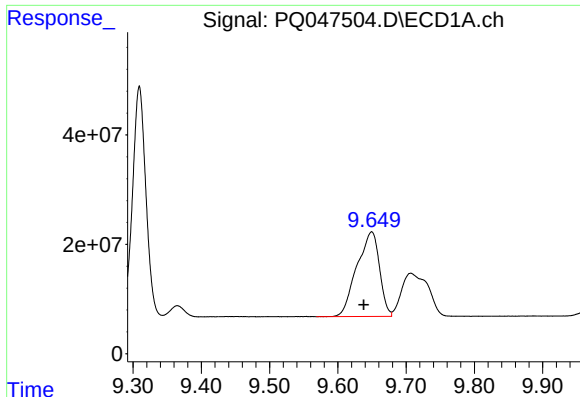
#40 AR-1262-5

R.T.: 10.409 min
Delta R.T.: -0.023 min
Response: 151684223
Conc: 166.40 ng/ml



#40 AR-1262-5

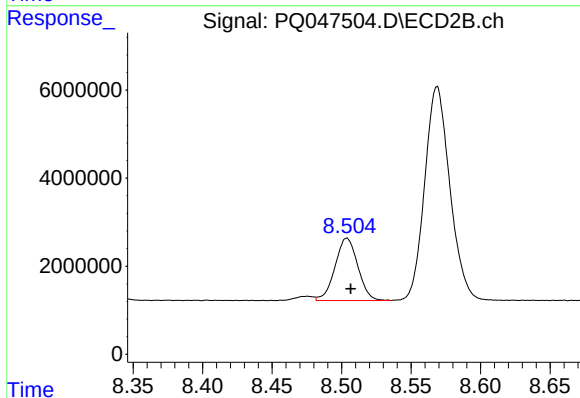
R.T.: 9.077 min
Delta R.T.: -0.007 min
Response: 19367204
Conc: 145.86 ng/ml



#41 AR-1268-1

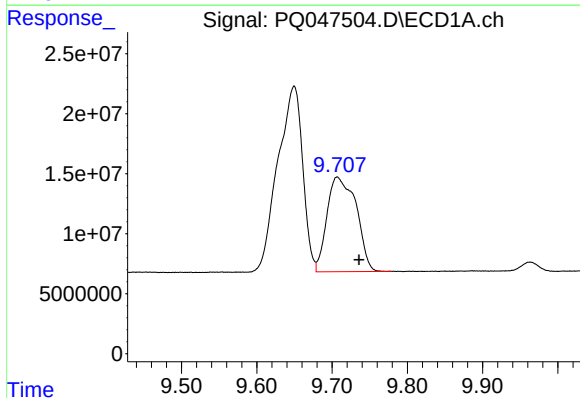
R.T.: 9.650 min
Delta R.T.: 0.012 min
Response: 356408281
Conc: 109.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



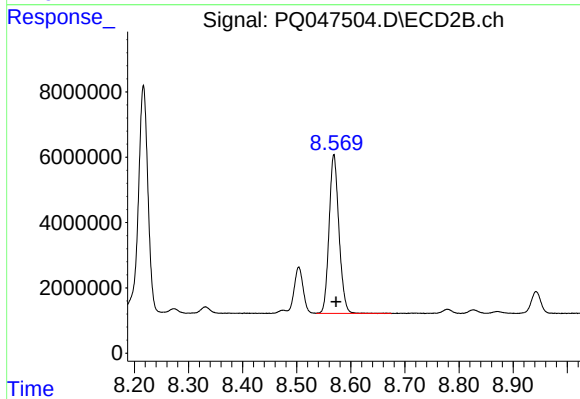
#41 AR-1268-1

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 16179391
Conc: 33.49 ng/ml



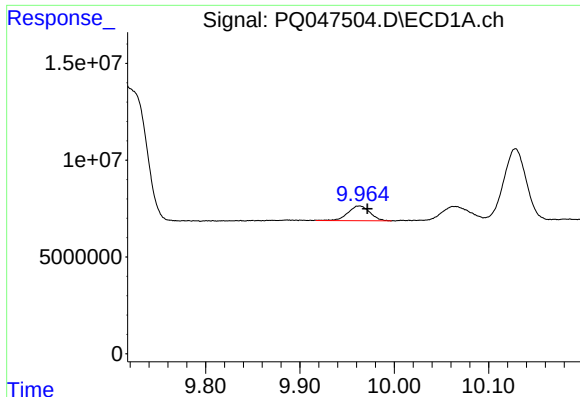
#42 AR-1268-2

R.T.: 9.707 min
Delta R.T.: -0.029 min
Response: 213002657
Conc: 73.73 ng/ml



#42 AR-1268-2

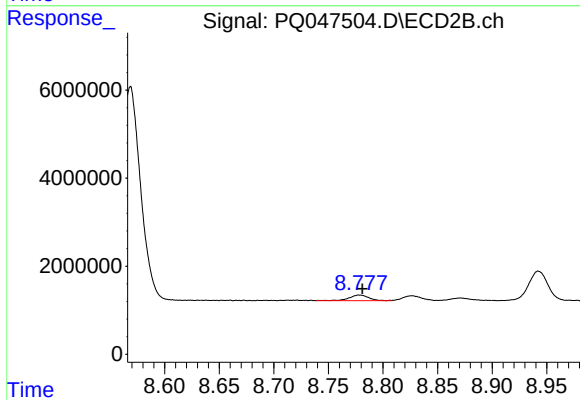
R.T.: 8.569 min
Delta R.T.: -0.004 min
Response: 61658898
Conc: 138.16 ng/ml



#43 AR-1268-3

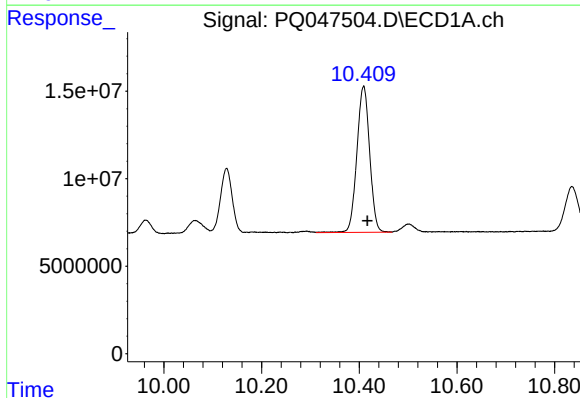
R.T.: 9.963 min
Delta R.T.: -0.009 min
Response: 12251332
Conc: 4.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



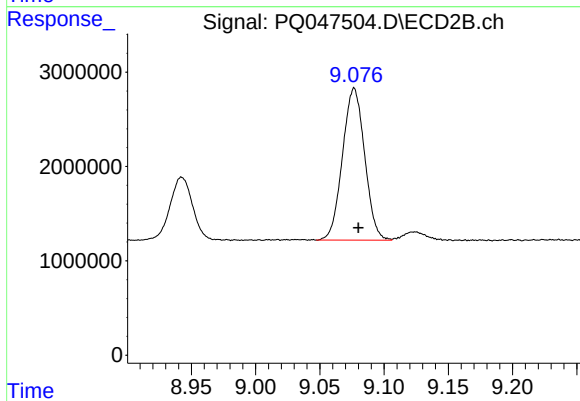
#43 AR-1268-3

R.T.: 8.779 min
Delta R.T.: -0.003 min
Response: 1585505
Conc: 4.36 ng/ml



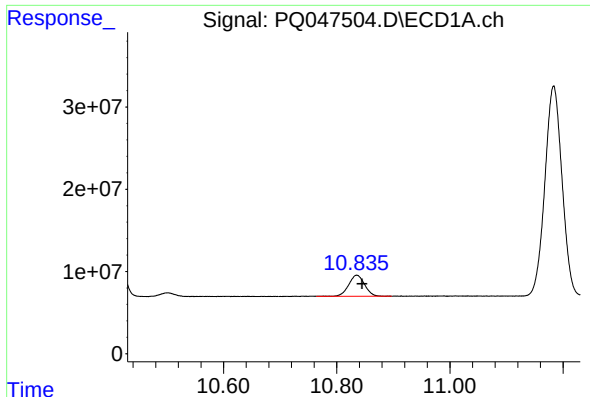
#44 AR-1268-4

R.T.: 10.409 min
Delta R.T.: -0.008 min
Response: 151684223
Conc: 146.64 ng/ml



#44 AR-1268-4

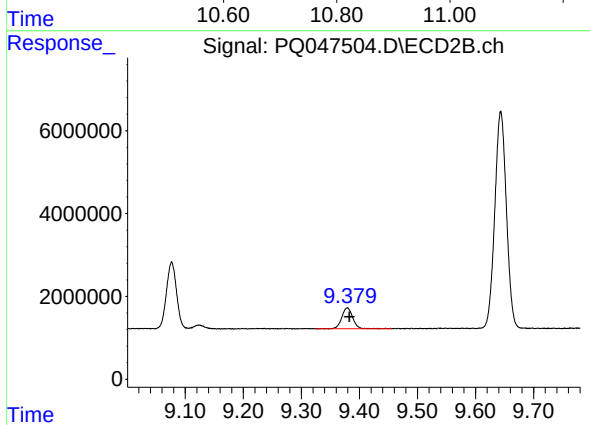
R.T.: 9.077 min
Delta R.T.: -0.003 min
Response: 19367204
Conc: 129.52 ng/ml



#45 AR-1268-5

R.T.: 10.836 min
Delta R.T.: -0.009 min
Response: 50834114
Conc: 6.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: -0.004 min
Response: 6621202
Conc: 5.87 ng/ml