

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042220\
 Data File : PQ047540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2020 13:38
 Operator : AJ\MA
 Sample : L2330-13MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 14:53:35 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...	5.108	4.265	351.6E6	50905076	19.131	17.105
2)	SA Decachlor...	11.183	9.644	446.6E6	61707095	20.921	19.738
Target Compounds							
3)	L1 AR-1016-1	6.421	5.534	180.6E6	25889658	266.724	227.548
4)	L1 AR-1016-2	6.445	5.555	253.5E6	35326309	265.337	230.846
5)	L1 AR-1016-3	6.512	5.750	159.6E6	18896597	277.716	235.638
6)	L1 AR-1016-4	6.618	5.798	131.4E6	14746571	271.217	231.867
7)	L1 AR-1016-5	6.933	6.032	125.7E6	19382083	268.826	228.938
8)	L2 AR-1221-1	5.348	4.523	16856996	2081663	76.776	60.939
9)	L2 AR-1221-2	5.452	4.626	22163598	3015474	134.087	116.202
10)	L2 AR-1221-3	5.538	4.716	81692901	11582549	161.815	143.135
11)	L3 AR-1232-1	5.538	4.716	81692901	11582549	258.615	230.618
12)	L3 AR-1232-2	6.128	5.555	120.4E6	35326309	691.826	660.156
13)	L3 AR-1232-3	6.445	5.750	253.5E6	18896597	739.319	670.526
14)	L3 AR-1232-4	6.618	5.844	131.4E6	18155918	741.390	738.143
15)	L3 AR-1232-5	6.716	6.032	102.9E6	19382083	782.146	702.427
16)	L4 AR-1242-1	6.421	5.534	180.6E6	25889658	420.220	364.974
17)	L4 AR-1242-2	6.445	5.555	253.5E6	35326309	416.352	370.826
18)	L4 AR-1242-3	6.512	5.750	159.6E6	18896597	430.681	371.338
19)	L4 AR-1242-4	6.618	5.844	131.4E6	18155918	419.751	370.812
20)	L4 AR-1242-5	7.401	6.412	20336087	15724426	58.400	238.426 #
21)	L5 AR-1248-1	6.421	5.534	180.6E6	25889658	490.238	431.109
22)	L5 AR-1248-2	6.716	5.798	102.9E6	14746571	208.526	192.955
23)	L5 AR-1248-3	6.933	5.844	125.7E6	18155918	228.278	233.551
24)	L5 AR-1248-4	7.360	6.032	21788138	19382083	32.460	201.985 #
25)	L5 AR-1248-5	7.401	6.456	20336087	3080254	32.162	31.322
26)	L6 AR-1254-1	7.331	6.412	100.0E6	15724426	145.761	97.206 #
27)	L6 AR-1254-2	7.560	6.570	110.3E6	15611778	101.812	110.693
28)	L6 AR-1254-3	7.942	7.011	60600073	28168649	51.667	119.830 #
29)	L6 AR-1254-4	8.236	7.235	42307344	3214610	43.401	20.666 #
30)	L6 AR-1254-5	8.666	7.665	391.7E6	60626882	396.858	282.967 #
31)	L7 AR-1260-1	8.110	7.131	247.4E6	41023267	296.819	262.577
32)	L7 AR-1260-2	8.374	7.327	331.6E6	51219817	287.726	260.134
33)	L7 AR-1260-3	8.742	7.486	232.5E6	47426777	242.515	262.208
34)	L7 AR-1260-4	8.976	7.970	251.7E6	34831464	266.378	226.508
35)	L7 AR-1260-5	9.308	8.217	577.0E6	89983776	255.294	232.069
36)	L8 AR-1262-1	8.742	7.665	232.5E6	60626882	177.901	598.856 #
37)	L8 AR-1262-2	9.308	8.217	577.0E6	89983776	238.589	230.051
38)	L8 AR-1262-3	9.649	8.504	359.4E6	16636801	222.158	110.726 #
39)	L8 AR-1262-4	9.705	8.569	213.2E6	64198813	170.704	224.099 #
40)	L8 AR-1262-5	10.406	9.077	155.6E6	20461117	170.745	154.103
41)	L9 AR-1268-1	9.649	8.504	359.4E6	16636801	110.187	34.442 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042220\
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 Acq On : 22 Apr 2020 13:38
 Operator : AJ\MA
 Sample : L2330-13MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

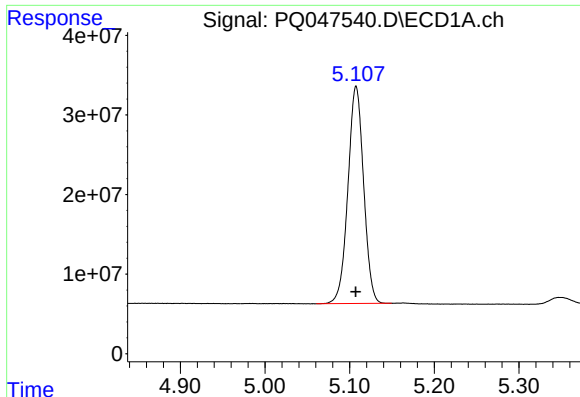
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 14:53:35 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	9.705	8.569	213.2E6	64198813	73.808	143.856 #
43) L9	AR-1268-3	9.962	8.779	12384269	1554746	4.871	4.274
44) L9	AR-1268-4	10.406	9.077	155.6E6	20461117	150.475	136.831
45) L9	AR-1268-5	10.834	9.379	52409426	6755727	7.196	5.990

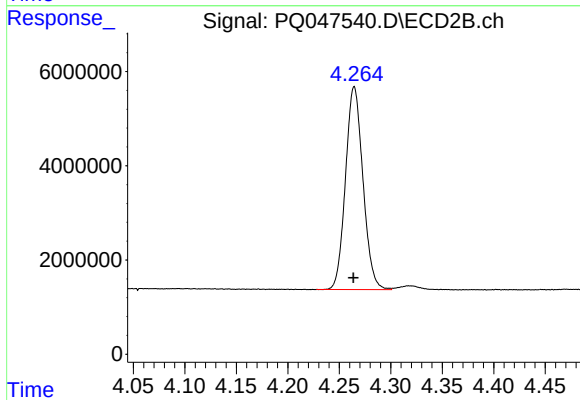
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

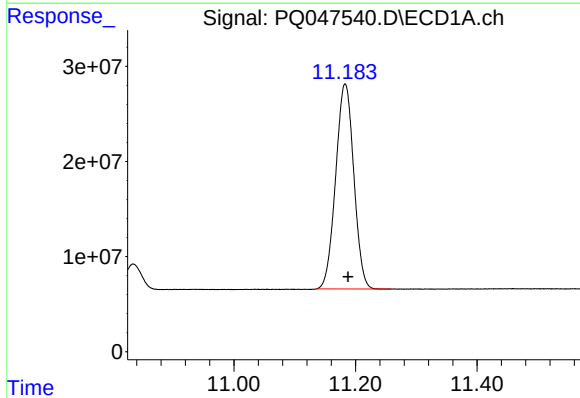
R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 351619983
Conc: 19.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



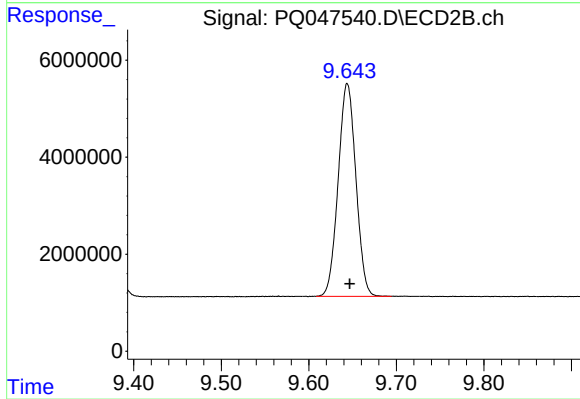
#1 Tetrachloro-m-xylene

R.T.: 4.265 min
Delta R.T.: 0.001 min
Response: 50905076
Conc: 17.10 ng/ml



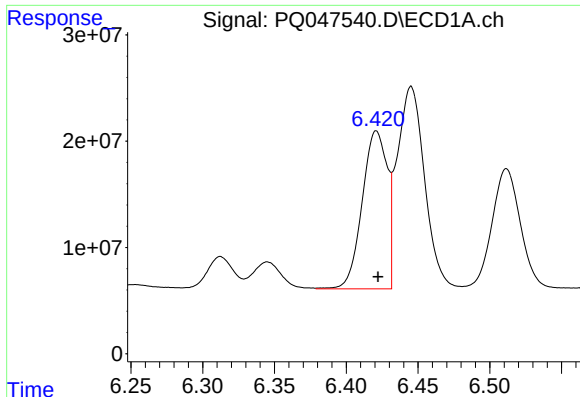
#2 Decachlorobiphenyl

R.T.: 11.183 min
Delta R.T.: -0.005 min
Response: 446608364
Conc: 20.92 ng/ml



#2 Decachlorobiphenyl

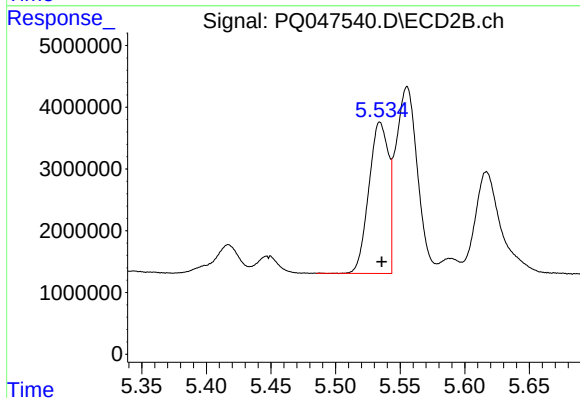
R.T.: 9.644 min
Delta R.T.: -0.003 min
Response: 61707095
Conc: 19.74 ng/ml



#3 AR-1016-1

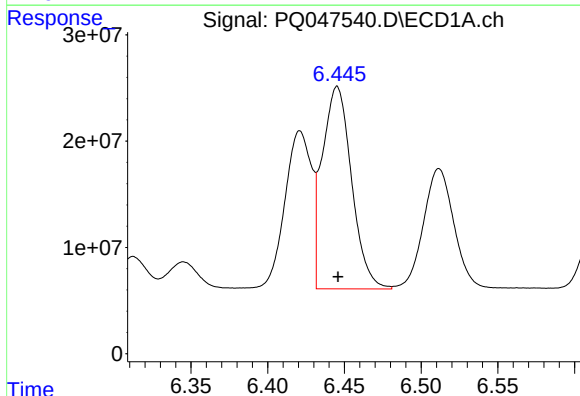
R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 180581477
Conc: 266.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



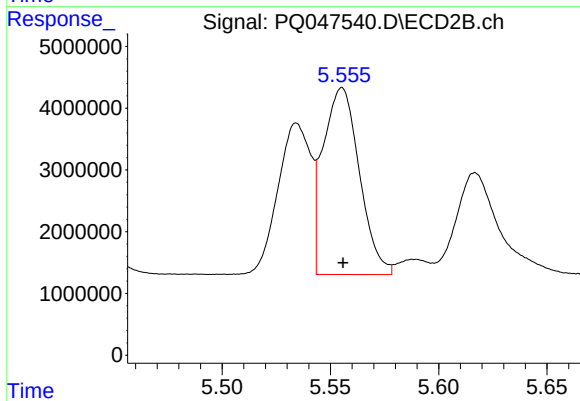
#3 AR-1016-1

R.T.: 5.534 min
Delta R.T.: -0.001 min
Response: 25889658
Conc: 227.55 ng/ml



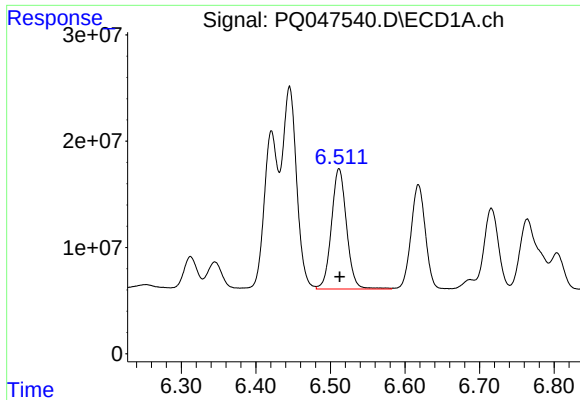
#4 AR-1016-2

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 253474727
Conc: 265.34 ng/ml



#4 AR-1016-2

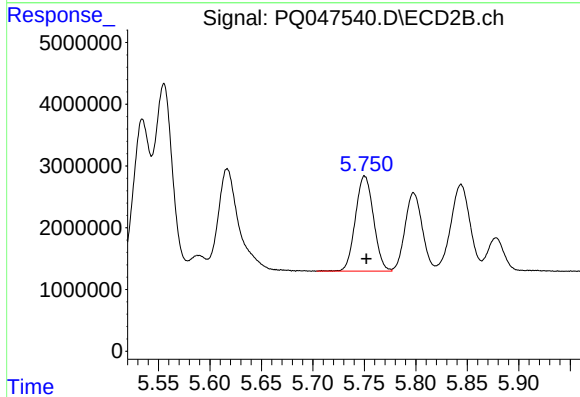
R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 35326309
Conc: 230.85 ng/ml



#5 AR-1016-3

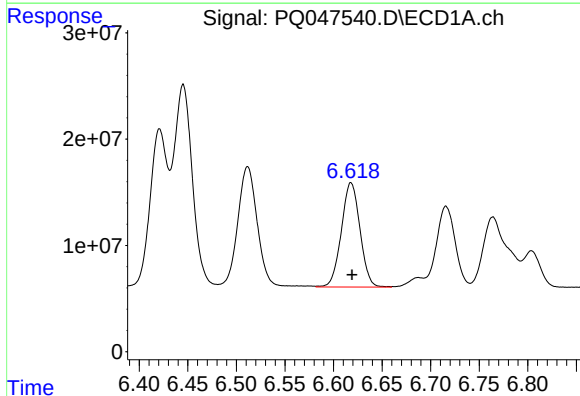
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 159563893
Conc: 277.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



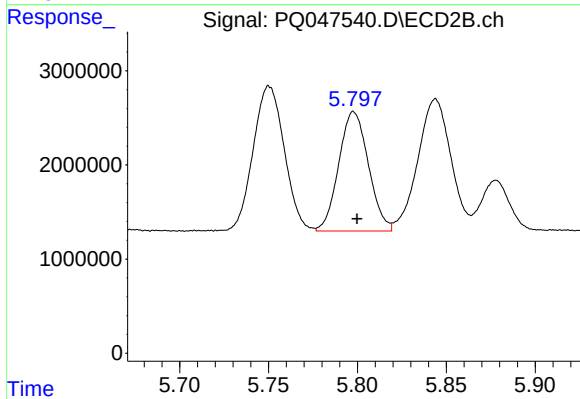
#5 AR-1016-3

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 18896597
Conc: 235.64 ng/ml



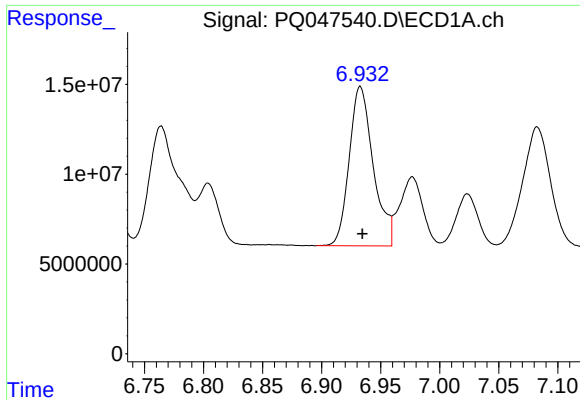
#6 AR-1016-4

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 131406390
Conc: 271.22 ng/ml



#6 AR-1016-4

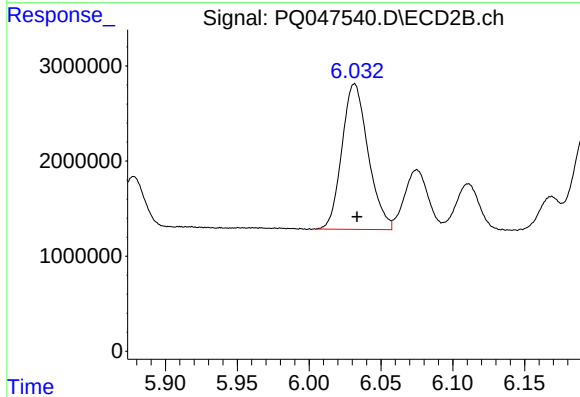
R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 14746571
Conc: 231.87 ng/ml



#7 AR-1016-5

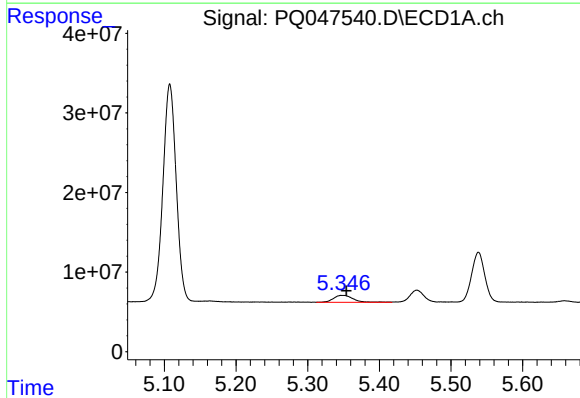
R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 125739693
Conc: 268.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



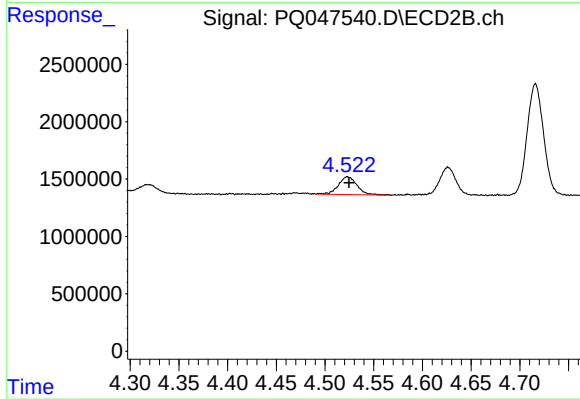
#7 AR-1016-5

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 19382083
Conc: 228.94 ng/ml



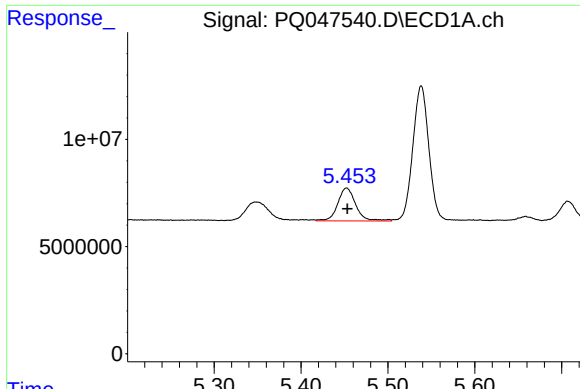
#8 AR-1221-1

R.T.: 5.348 min
Delta R.T.: -0.006 min
Response: 16856996
Conc: 76.78 ng/ml



#8 AR-1221-1

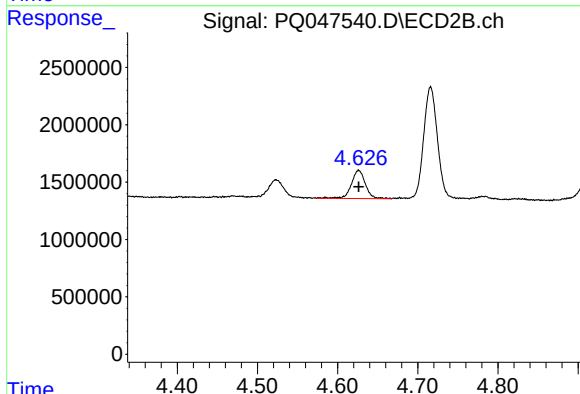
R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 2081663
Conc: 60.94 ng/ml



#9 AR-1221-2

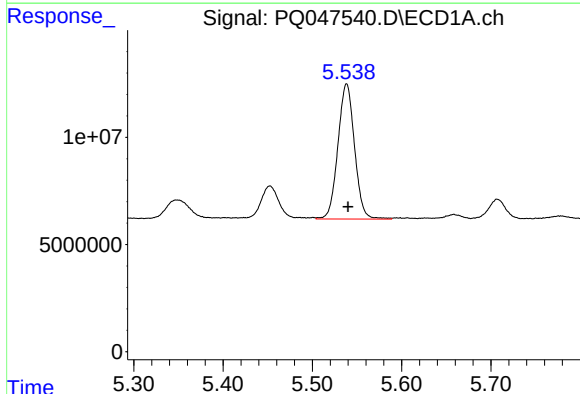
R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 22163598
Conc: 134.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



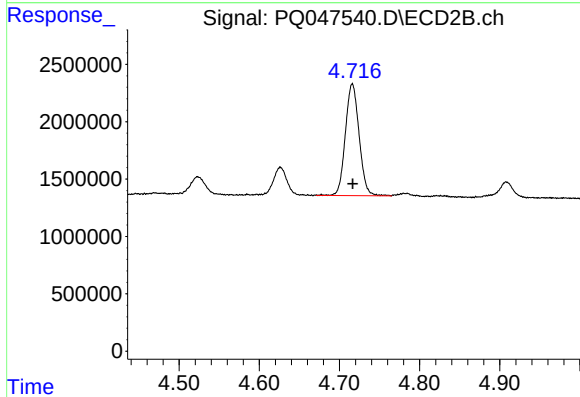
#9 AR-1221-2

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 3015474
Conc: 116.20 ng/ml



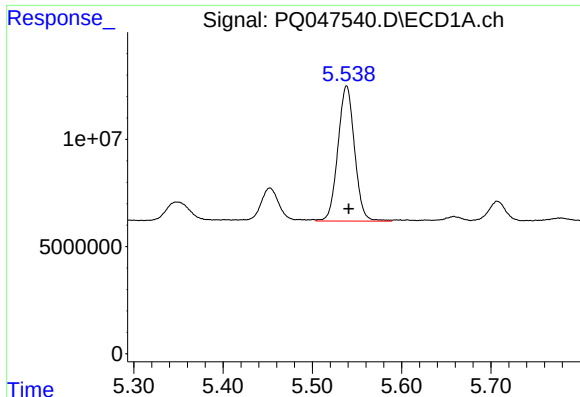
#10 AR-1221-3

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 81692901
Conc: 161.82 ng/ml



#10 AR-1221-3

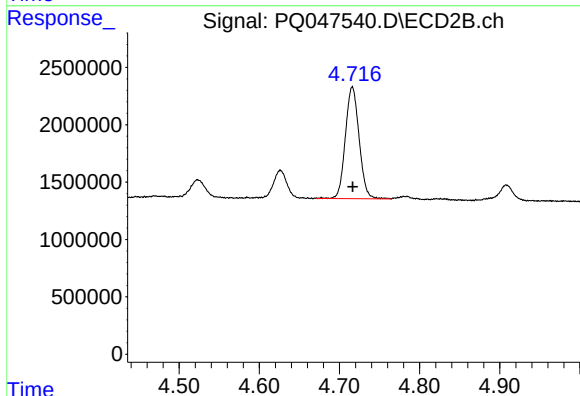
R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 11582549
Conc: 143.14 ng/ml



#11 AR-1232-1

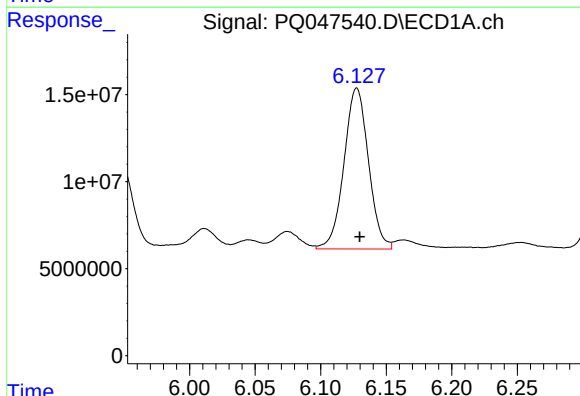
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 81692901
Conc: 258.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



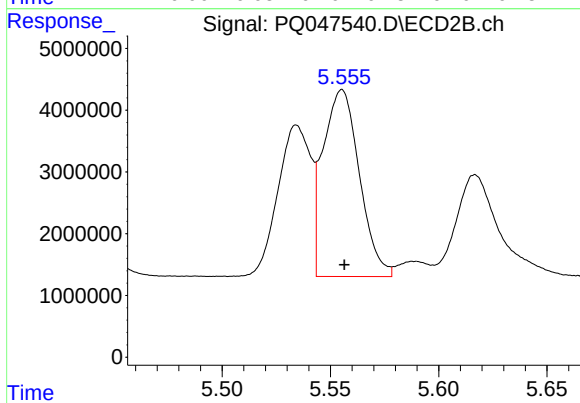
#11 AR-1232-1

R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 11582549
Conc: 230.62 ng/ml



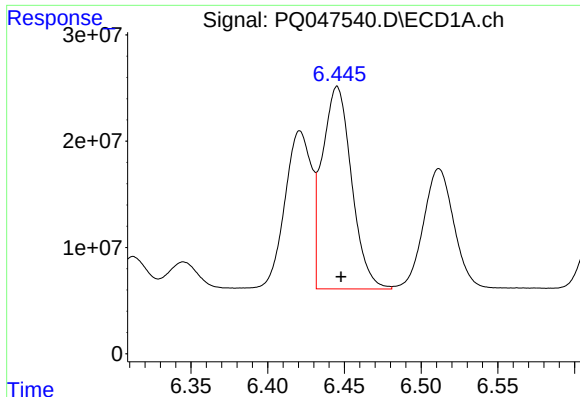
#12 AR-1232-2

R.T.: 6.128 min
Delta R.T.: -0.002 min
Response: 120435853
Conc: 691.83 ng/ml



#12 AR-1232-2

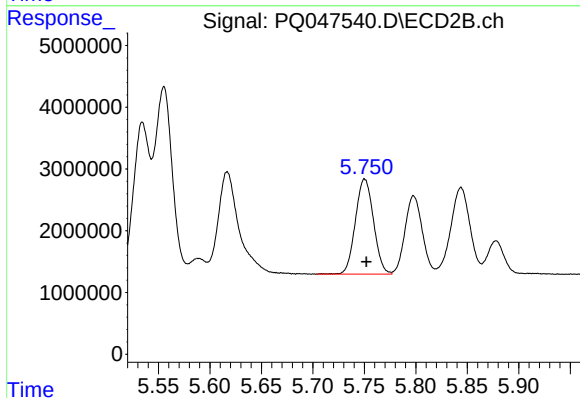
R.T.: 5.555 min
Delta R.T.: -0.001 min
Response: 35326309
Conc: 660.16 ng/ml



#13 AR-1232-3

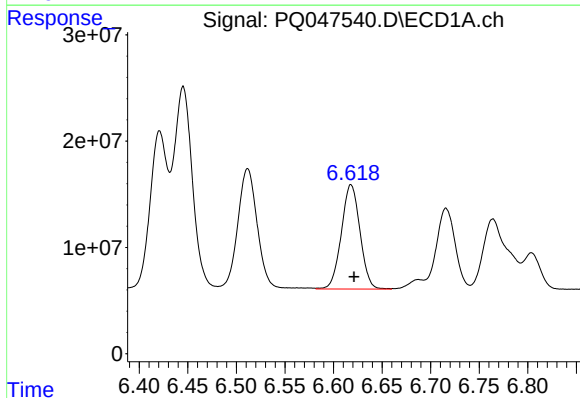
R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 253474727
Conc: 739.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



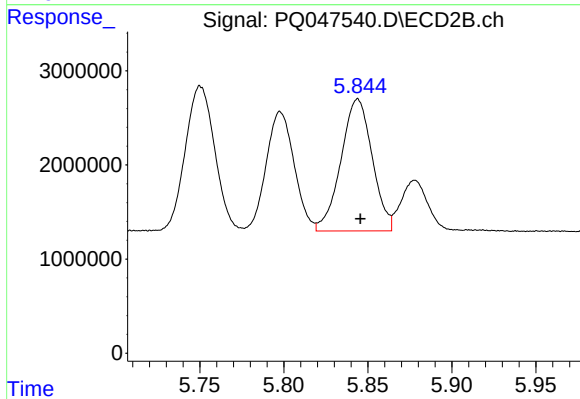
#13 AR-1232-3

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 18896597
Conc: 670.53 ng/ml



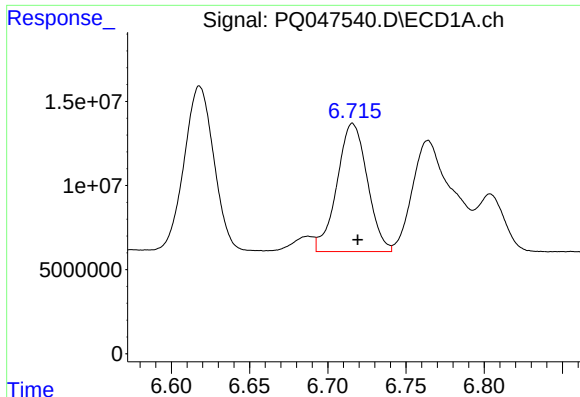
#14 AR-1232-4

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 131406390
Conc: 741.39 ng/ml



#14 AR-1232-4

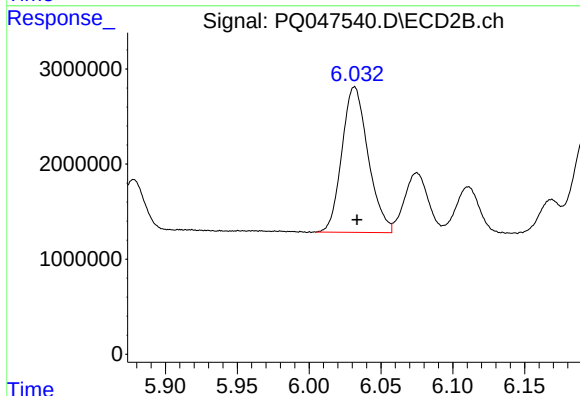
R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 18155918
Conc: 738.14 ng/ml



#15 AR-1232-5

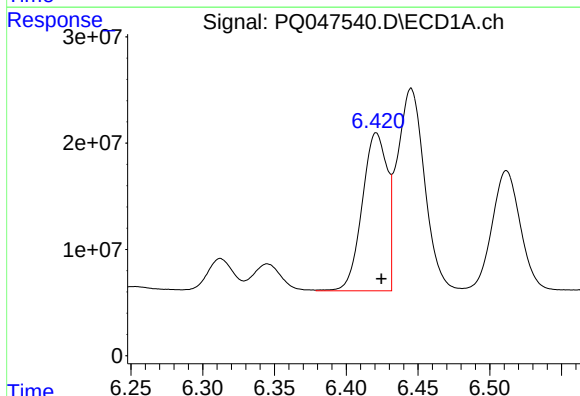
R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 102945921
Conc: 782.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



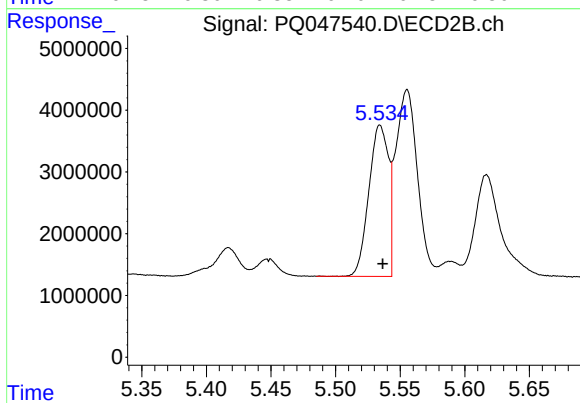
#15 AR-1232-5

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 19382083
Conc: 702.43 ng/ml



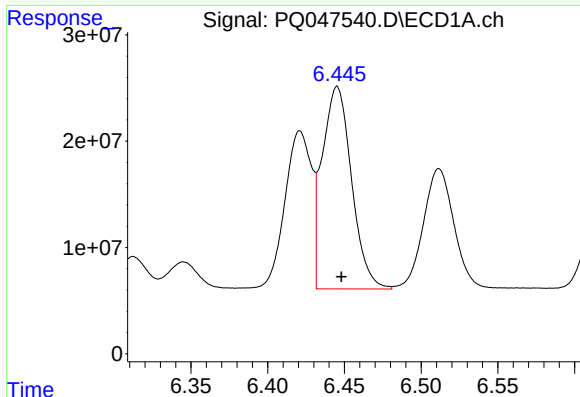
#16 AR-1242-1

R.T.: 6.421 min
Delta R.T.: -0.003 min
Response: 180581477
Conc: 420.22 ng/ml



#16 AR-1242-1

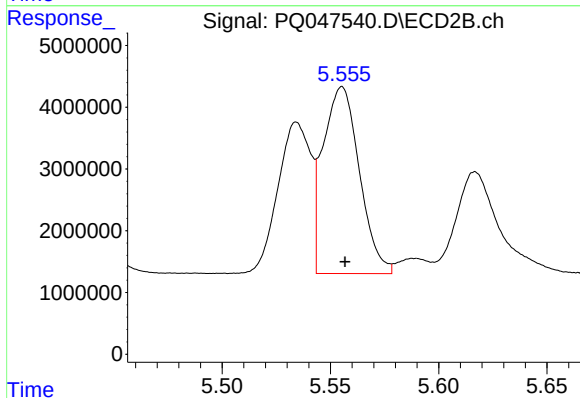
R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 25889658
Conc: 364.97 ng/ml



#17 AR-1242-2

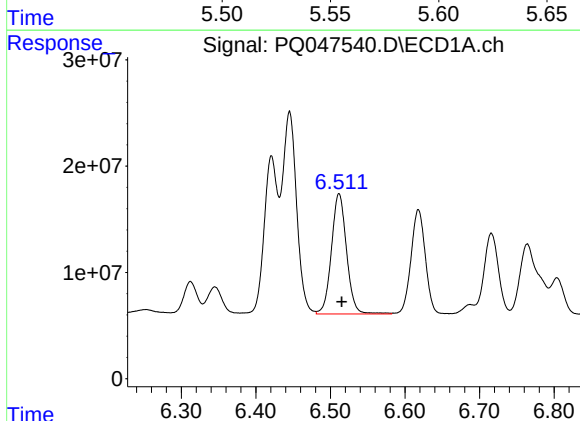
R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 253474727
Conc: 416.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



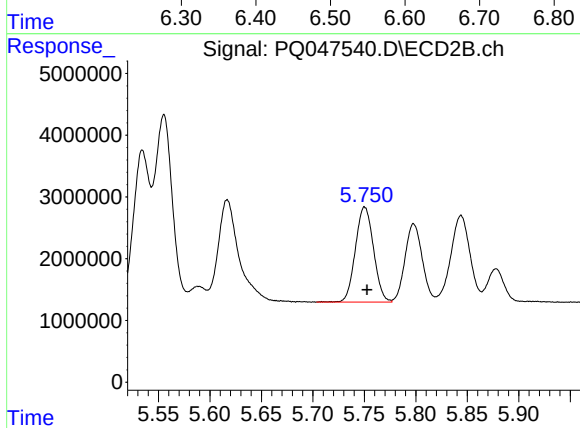
#17 AR-1242-2

R.T.: 5.555 min
Delta R.T.: -0.001 min
Response: 35326309
Conc: 370.83 ng/ml



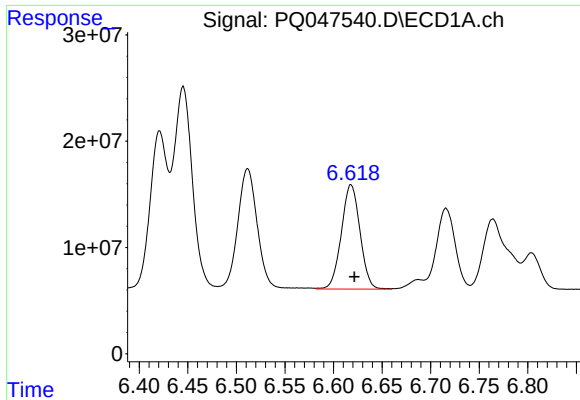
#18 AR-1242-3

R.T.: 6.512 min
Delta R.T.: -0.004 min
Response: 159563893
Conc: 430.68 ng/ml



#18 AR-1242-3

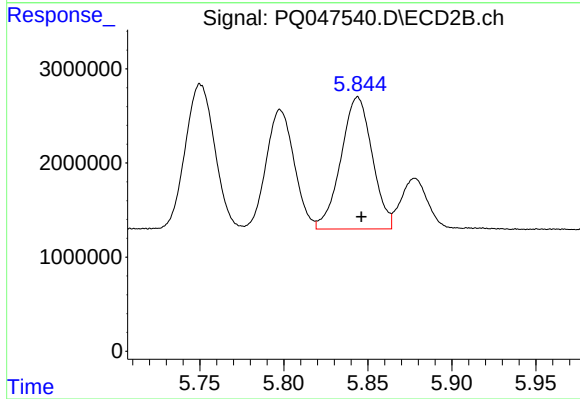
R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 18896597
Conc: 371.34 ng/ml



#19 AR-1242-4

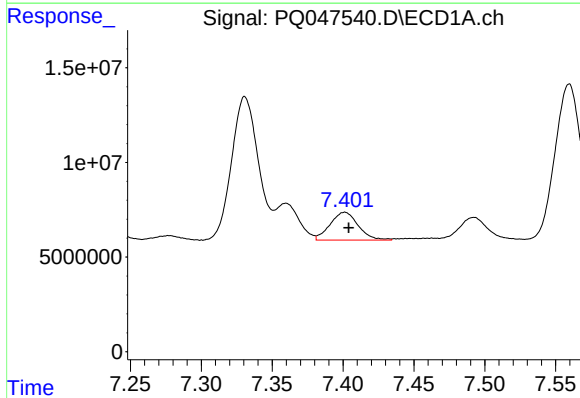
R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 131406390
Conc: 419.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



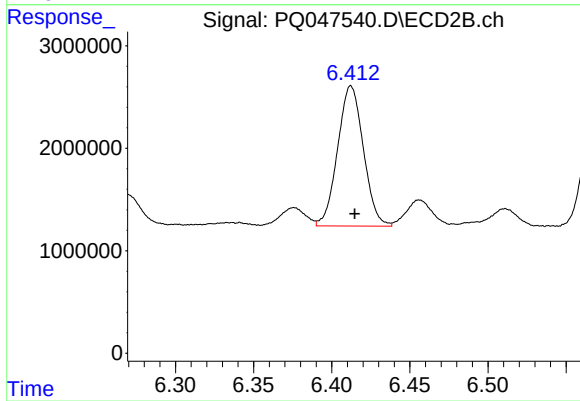
#19 AR-1242-4

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 18155918
Conc: 370.81 ng/ml



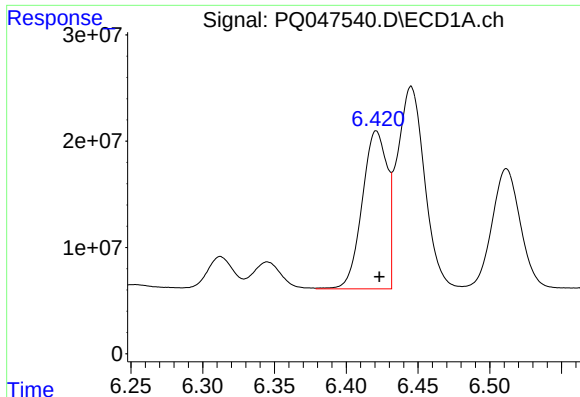
#20 AR-1242-5

R.T.: 7.401 min
Delta R.T.: -0.003 min
Response: 20336087
Conc: 58.40 ng/ml



#20 AR-1242-5

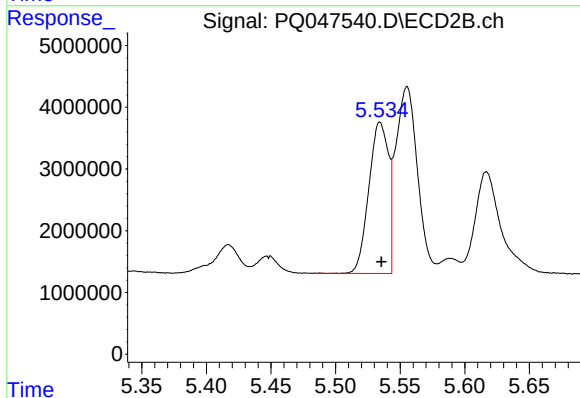
R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 15724426
Conc: 238.43 ng/ml



#21 AR-1248-1

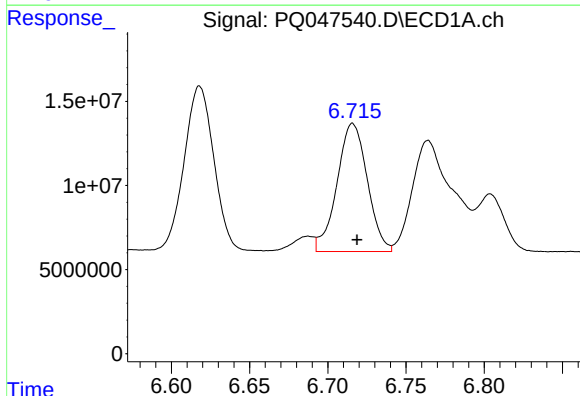
R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 180581477
Conc: 490.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



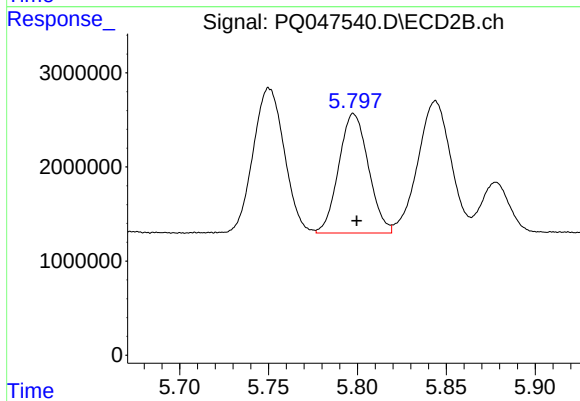
#21 AR-1248-1

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 25889658
Conc: 431.11 ng/ml



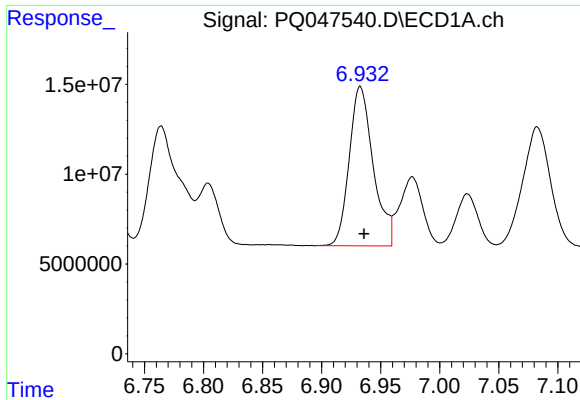
#22 AR-1248-2

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 102945921
Conc: 208.53 ng/ml



#22 AR-1248-2

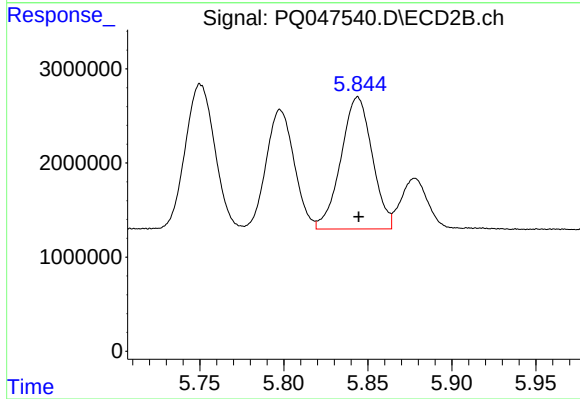
R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 14746571
Conc: 192.96 ng/ml



#23 AR-1248-3

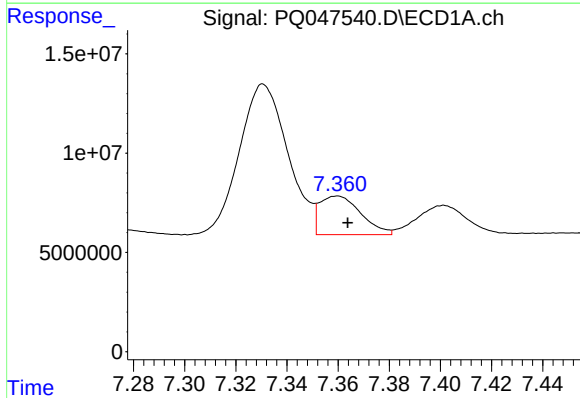
R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 125739693
Conc: 228.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



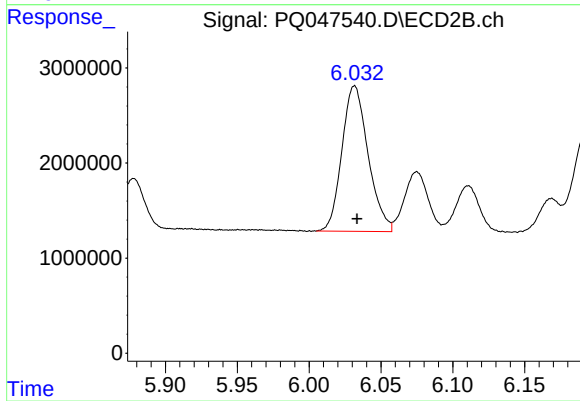
#23 AR-1248-3

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 18155918
Conc: 233.55 ng/ml



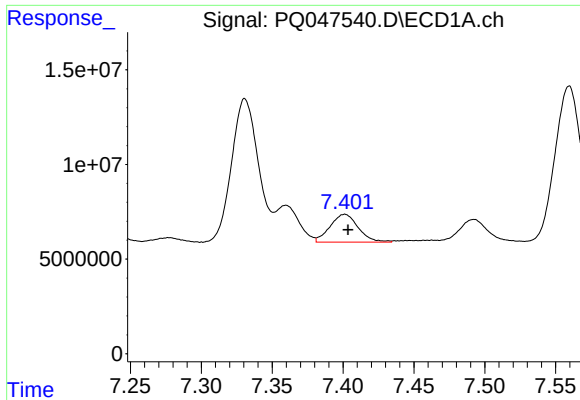
#24 AR-1248-4

R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 21788138
Conc: 32.46 ng/ml



#24 AR-1248-4

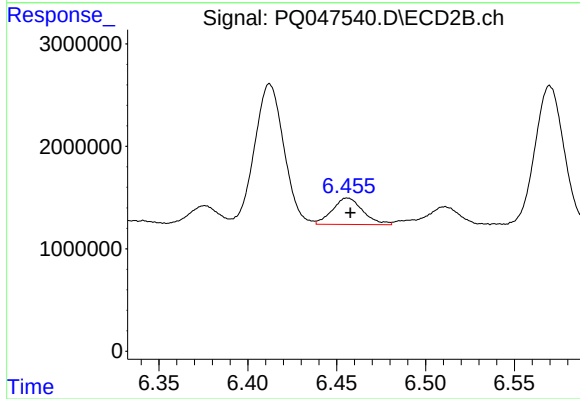
R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 19382083
Conc: 201.98 ng/ml



#25 AR-1248-5

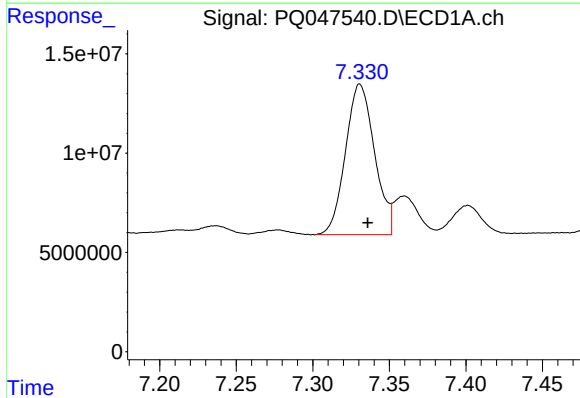
R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 20336087
Conc: 32.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



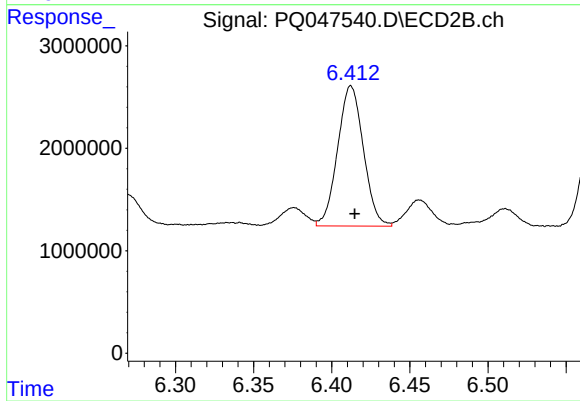
#25 AR-1248-5

R.T.: 6.456 min
Delta R.T.: -0.002 min
Response: 3080254
Conc: 31.32 ng/ml



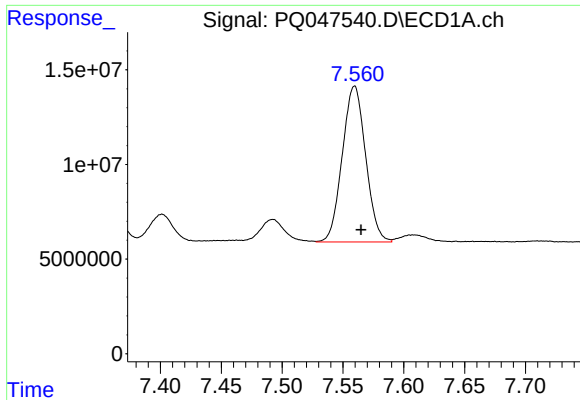
#26 AR-1254-1

R.T.: 7.331 min
Delta R.T.: -0.005 min
Response: 100047967
Conc: 145.76 ng/ml



#26 AR-1254-1

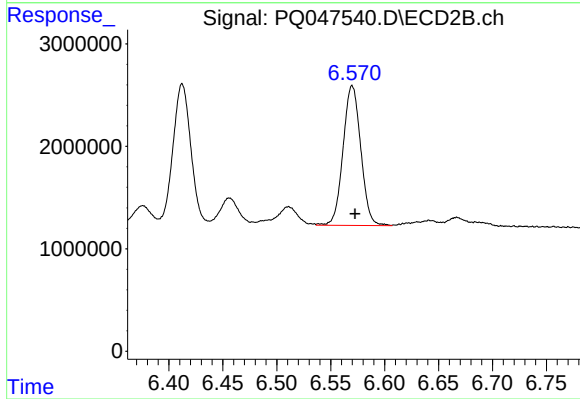
R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 15724426
Conc: 97.21 ng/ml



#27 AR-1254-2

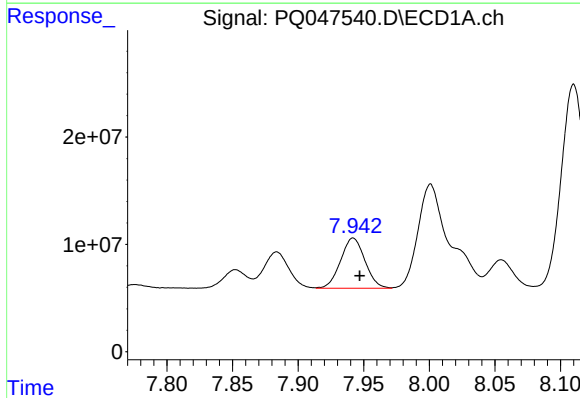
R.T.: 7.560 min
Delta R.T.: -0.005 min
Response: 110308567
Conc: 101.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



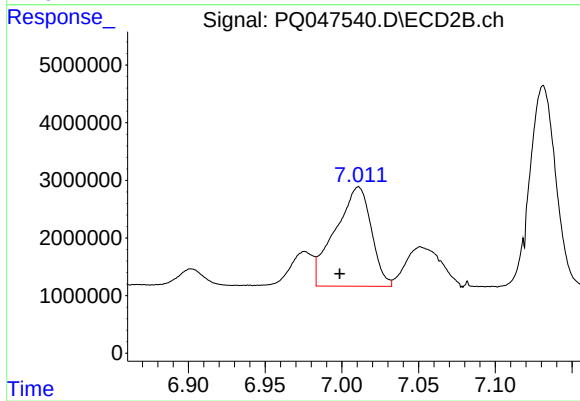
#27 AR-1254-2

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 15611778
Conc: 110.69 ng/ml



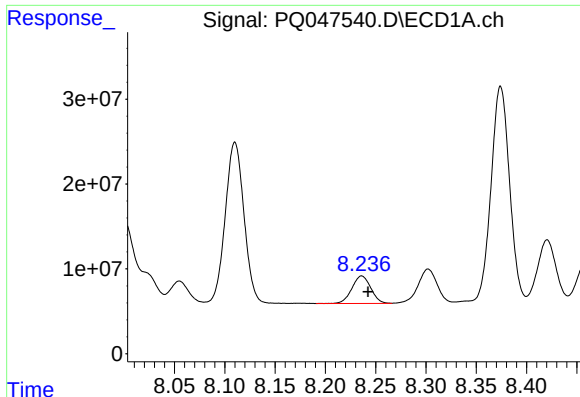
#28 AR-1254-3

R.T.: 7.942 min
Delta R.T.: -0.005 min
Response: 60600073
Conc: 51.67 ng/ml



#28 AR-1254-3

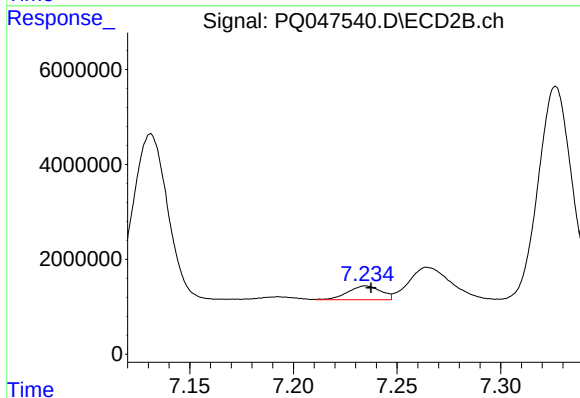
R.T.: 7.011 min
Delta R.T.: 0.012 min
Response: 28168649
Conc: 119.83 ng/ml



#29 AR-1254-4

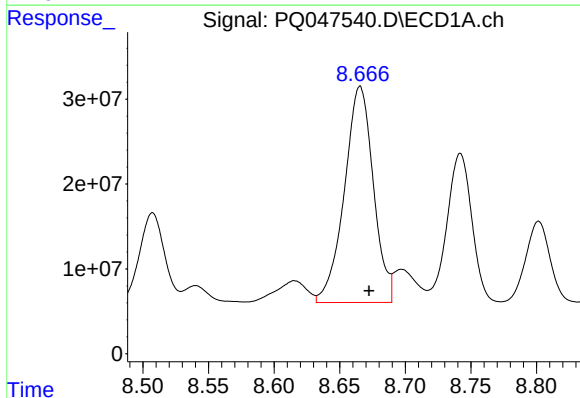
R.T.: 8.236 min
Delta R.T.: -0.006 min
Response: 42307344
Conc: 43.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



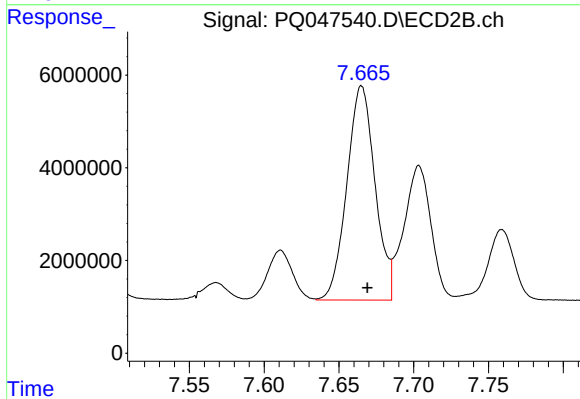
#29 AR-1254-4

R.T.: 7.235 min
Delta R.T.: -0.003 min
Response: 3214610
Conc: 20.67 ng/ml



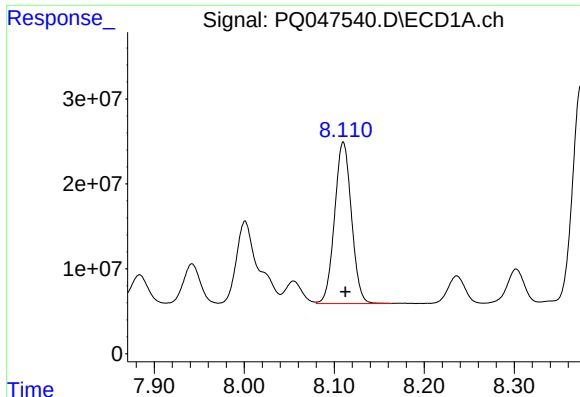
#30 AR-1254-5

R.T.: 8.666 min
Delta R.T.: -0.007 min
Response: 391702612
Conc: 396.86 ng/ml



#30 AR-1254-5

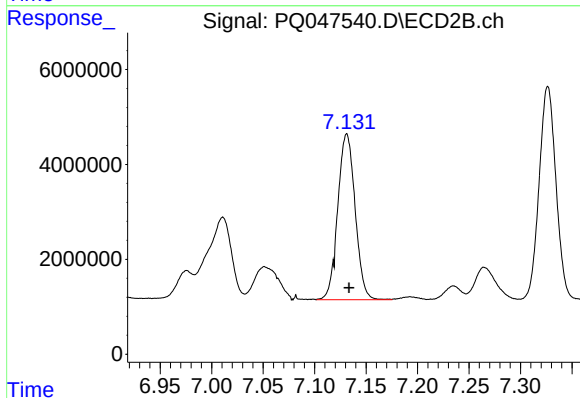
R.T.: 7.665 min
Delta R.T.: -0.004 min
Response: 60626882
Conc: 282.97 ng/ml



#31 AR-1260-1

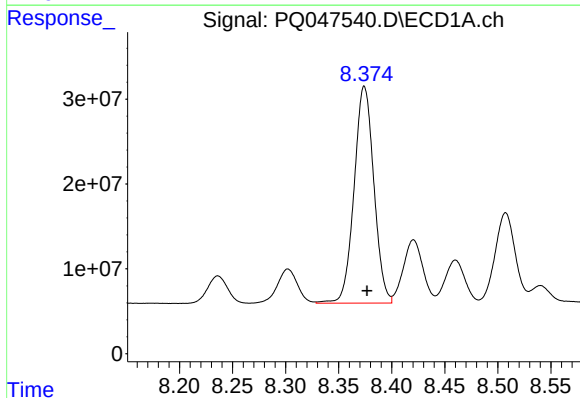
R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 247364615
Conc: 296.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



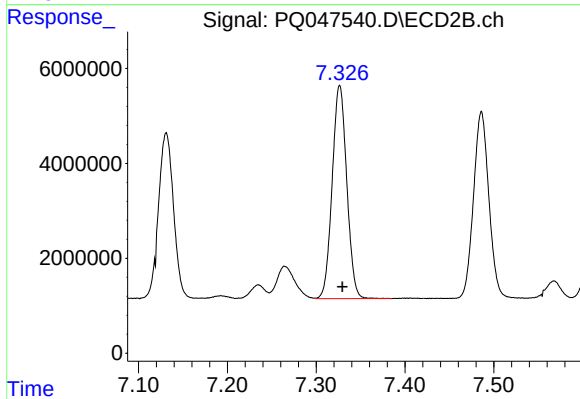
#31 AR-1260-1

R.T.: 7.131 min
Delta R.T.: -0.002 min
Response: 41023267
Conc: 262.58 ng/ml



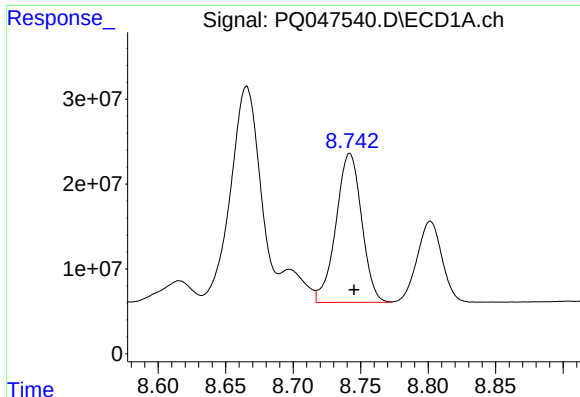
#32 AR-1260-2

R.T.: 8.374 min
Delta R.T.: -0.003 min
Response: 331580016
Conc: 287.73 ng/ml



#32 AR-1260-2

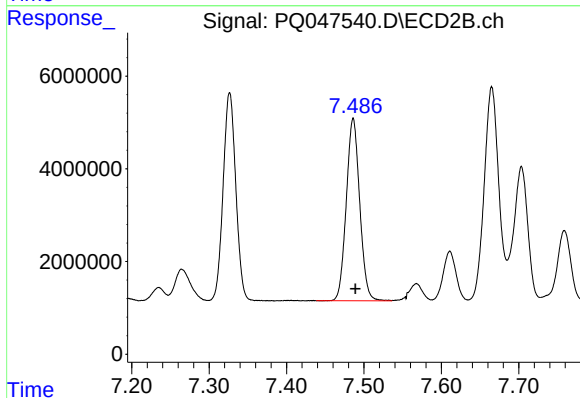
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 51219817
Conc: 260.13 ng/ml



#33 AR-1260-3

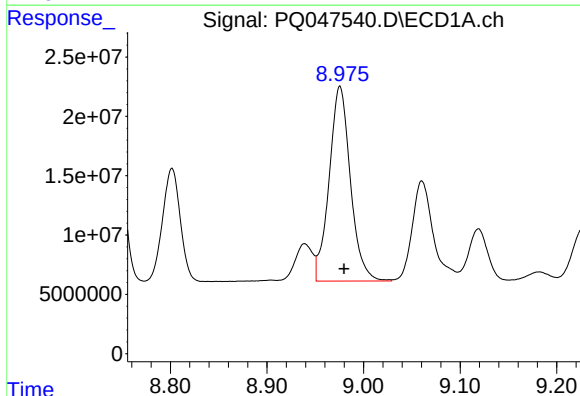
R.T.: 8.742 min
Delta R.T.: -0.003 min
Response: 232523723
Conc: 242.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



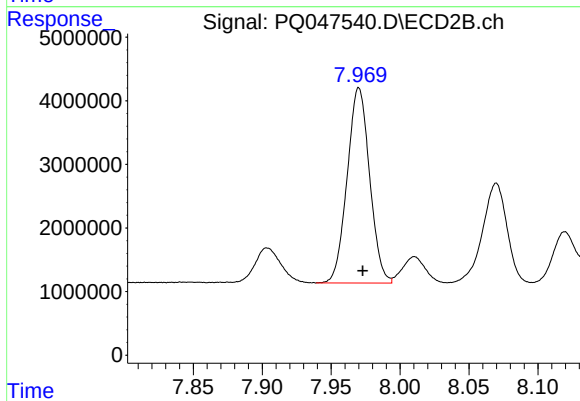
#33 AR-1260-3

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 47426777
Conc: 262.21 ng/ml



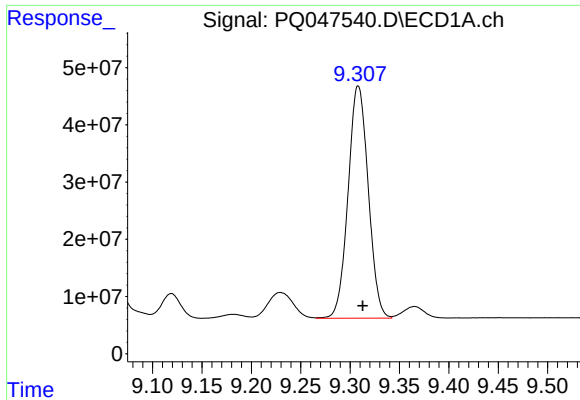
#34 AR-1260-4

R.T.: 8.976 min
Delta R.T.: -0.004 min
Response: 251720987
Conc: 266.38 ng/ml



#34 AR-1260-4

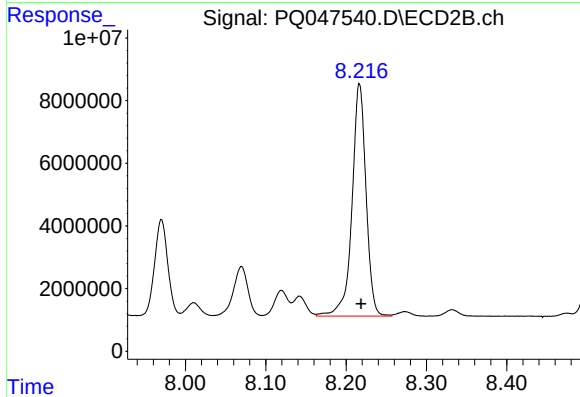
R.T.: 7.970 min
Delta R.T.: -0.003 min
Response: 34831464
Conc: 226.51 ng/ml



#35 AR-1260-5

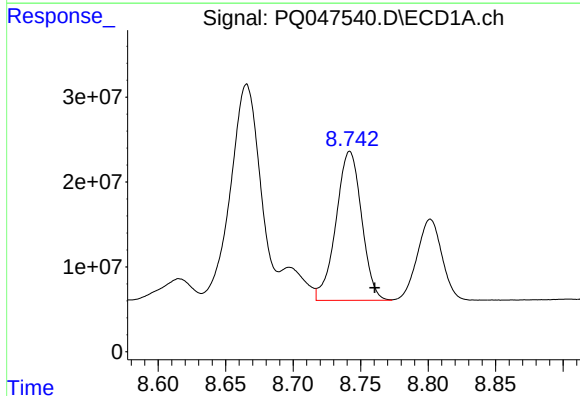
R.T.: 9.308 min
Delta R.T.: -0.005 min
Response: 577047058
Conc: 255.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



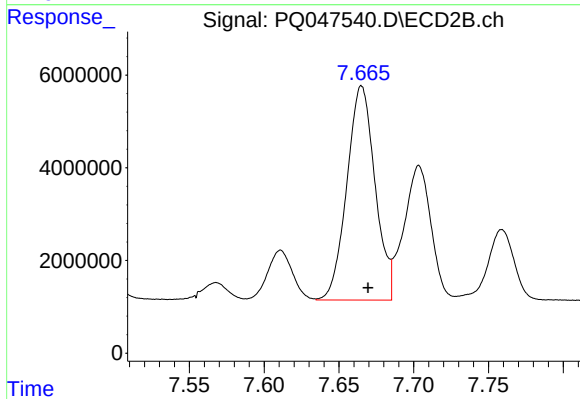
#35 AR-1260-5

R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 89983776
Conc: 232.07 ng/ml



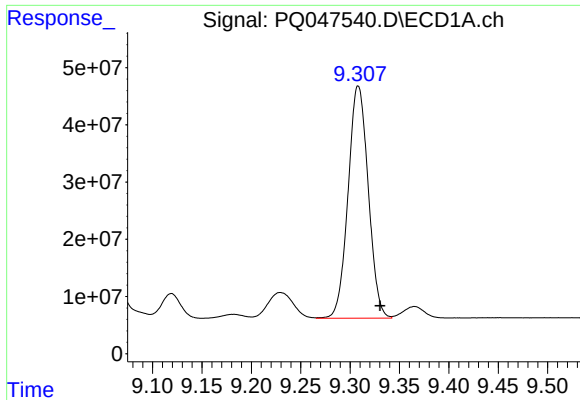
#36 AR-1262-1

R.T.: 8.742 min
Delta R.T.: -0.018 min
Response: 232523723
Conc: 177.90 ng/ml



#36 AR-1262-1

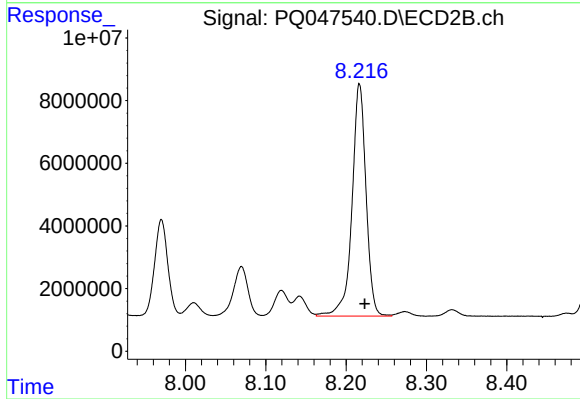
R.T.: 7.665 min
Delta R.T.: -0.004 min
Response: 60626882
Conc: 598.86 ng/ml



#37 AR-1262-2

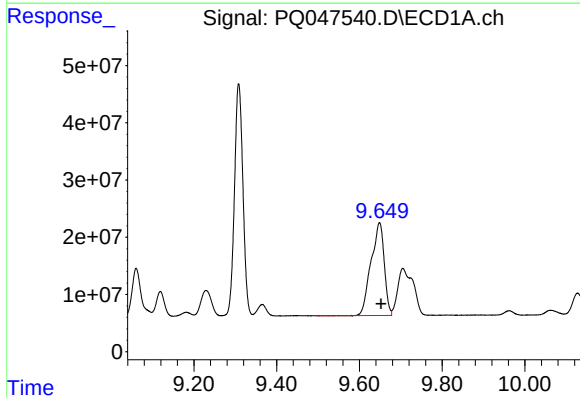
R.T.: 9.308 min
Delta R.T.: -0.022 min
Response: 577047058
Conc: 238.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



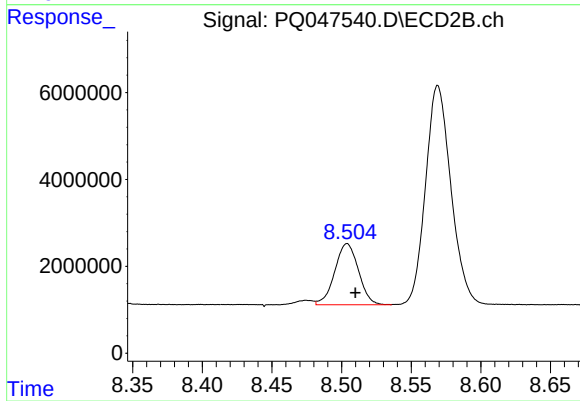
#37 AR-1262-2

R.T.: 8.217 min
Delta R.T.: -0.006 min
Response: 89983776
Conc: 230.05 ng/ml



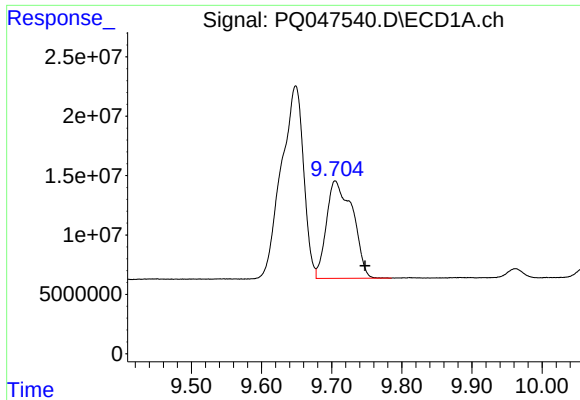
#38 AR-1262-3

R.T.: 9.649 min
Delta R.T.: -0.004 min
Response: 359379332
Conc: 222.16 ng/ml



#38 AR-1262-3

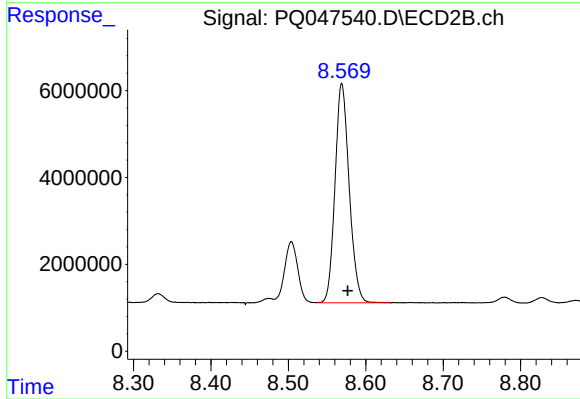
R.T.: 8.504 min
Delta R.T.: -0.006 min
Response: 16636801
Conc: 110.73 ng/ml



#39 AR-1262-4

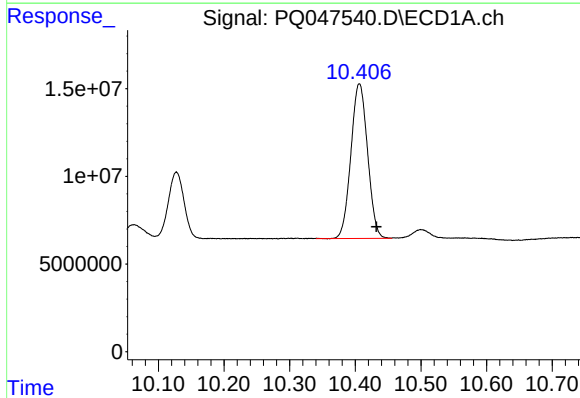
R.T.: 9.705 min
Delta R.T.: -0.043 min
Response: 213218183
Conc: 170.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



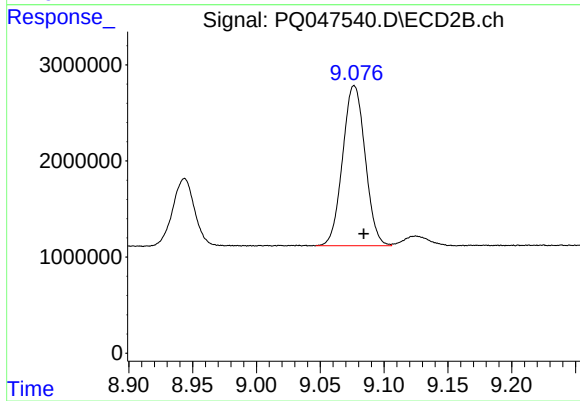
#39 AR-1262-4

R.T.: 8.569 min
Delta R.T.: -0.008 min
Response: 64198813
Conc: 224.10 ng/ml



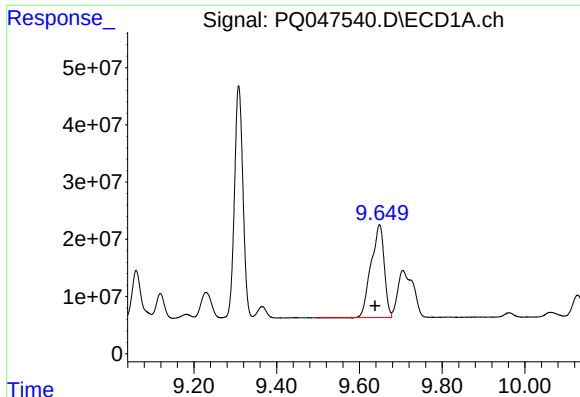
#40 AR-1262-5

R.T.: 10.406 min
Delta R.T.: -0.026 min
Response: 155647139
Conc: 170.74 ng/ml



#40 AR-1262-5

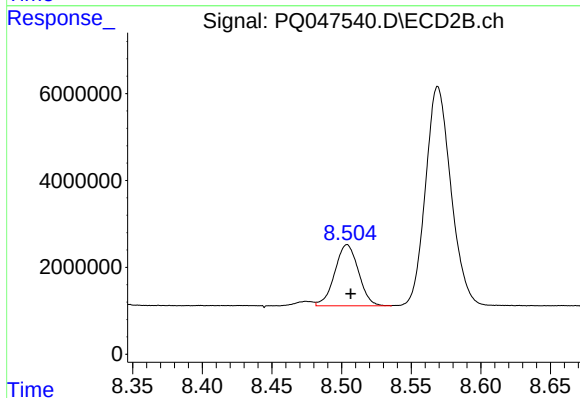
R.T.: 9.077 min
Delta R.T.: -0.007 min
Response: 20461117
Conc: 154.10 ng/ml



#41 AR-1268-1

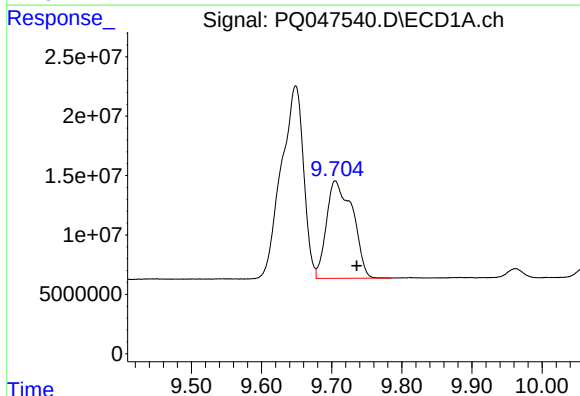
R.T.: 9.649 min
Delta R.T.: 0.011 min
Response: 359379332
Conc: 110.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



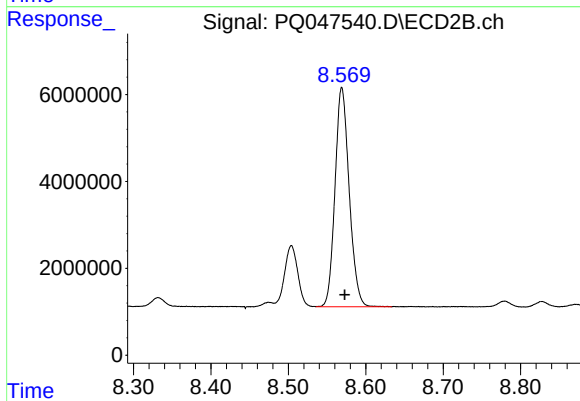
#41 AR-1268-1

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 16636801
Conc: 34.44 ng/ml



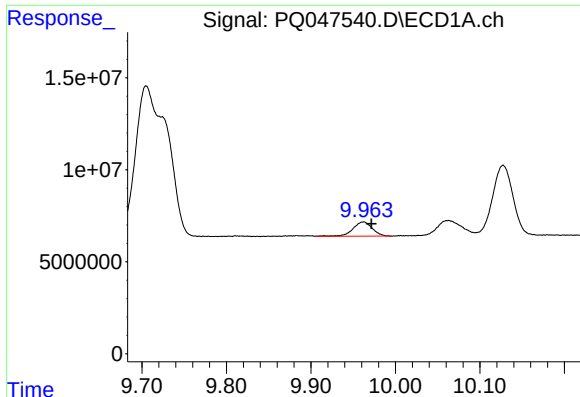
#42 AR-1268-2

R.T.: 9.705 min
Delta R.T.: -0.031 min
Response: 213218183
Conc: 73.81 ng/ml



#42 AR-1268-2

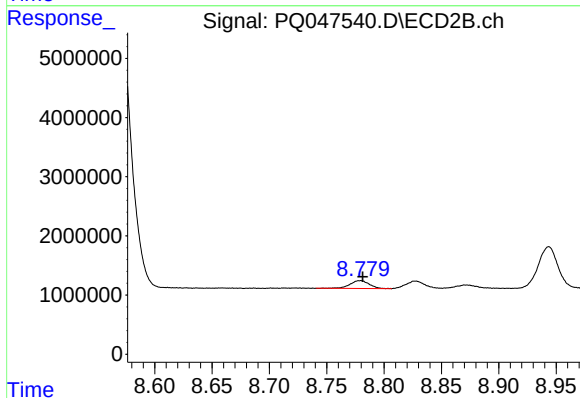
R.T.: 8.569 min
Delta R.T.: -0.004 min
Response: 64198813
Conc: 143.86 ng/ml



#43 AR-1268-3

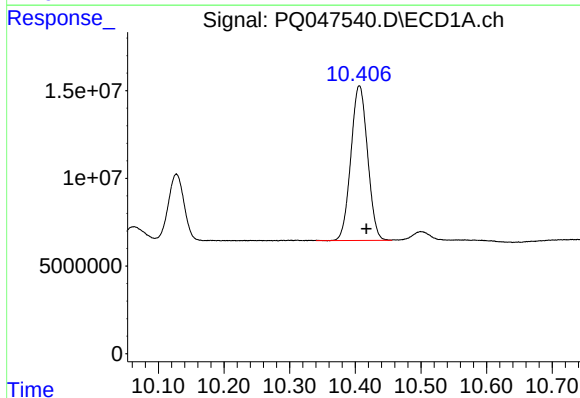
R.T.: 9.962 min
Delta R.T.: -0.010 min
Response: 12384269
Conc: 4.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



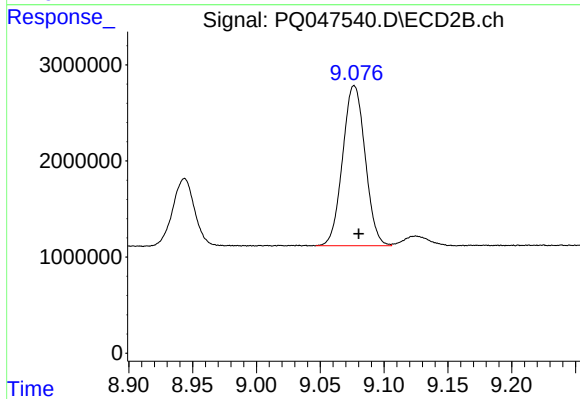
#43 AR-1268-3

R.T.: 8.779 min
Delta R.T.: -0.002 min
Response: 1554746
Conc: 4.27 ng/ml



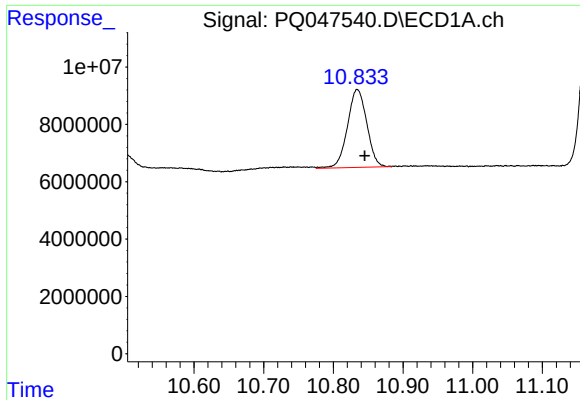
#44 AR-1268-4

R.T.: 10.406 min
Delta R.T.: -0.011 min
Response: 155647139
Conc: 150.48 ng/ml



#44 AR-1268-4

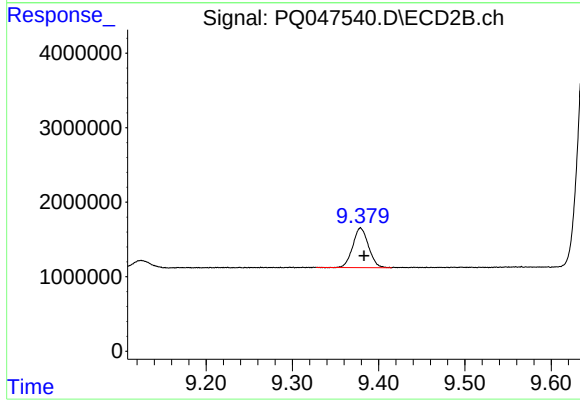
R.T.: 9.077 min
Delta R.T.: -0.004 min
Response: 20461117
Conc: 136.83 ng/ml



#45 AR-1268-5

R.T.: 10.834 min
Delta R.T.: -0.010 min
Response: 52409426
Conc: 7.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: -0.004 min
Response: 6755727
Conc: 5.99 ng/ml