

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 10:57
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 11:30:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 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...	4.188	3.634	302.2E6	162.1E6	51.942	52.479
2)	SA Decachlor...	9.606	8.510	233.0E6	108.3E6	48.325	48.378
Target Compounds							
3)	L1 AR-1016-1	5.328	4.692	102.9E6	56786557	511.293	504.711
4)	L1 AR-1016-2	5.349	4.708	155.7E6	86302936	496.187	509.484
5)	L1 AR-1016-3	5.409	4.882	90553517	42429873	497.195	492.267
6)	L1 AR-1016-4	5.508	4.921	75600253	33803883	505.365	488.649
7)	L1 AR-1016-5	5.791	5.130	72742731	42936489	501.009	492.572
8)	L2 AR-1221-1	4.396	3.839	7578842	4621045	119.444	134.692
9)	L2 AR-1221-2	4.485	3.927	12054679	6890270	260.587	268.514
10)	L2 AR-1221-3	4.560	3.999	50059970	27690449	327.534	323.713
11)	L3 AR-1232-1	4.560	3.999	50059970	27690449	402.237	413.076
12)	L3 AR-1232-2	5.069	4.708	72199438	86302936	1226.107	1220.635
13)	L3 AR-1232-3	5.349	4.882	155.7E6	42429873	1260.844	1269.159
14)	L3 AR-1232-4	5.508	4.960	75600253	40707168	1298.003	1414.516
15)	L3 AR-1232-5	5.589	5.130	63644863	42936489	1488.786	1354.515
16)	L4 AR-1242-1	5.328	4.692	102.9E6	56786557	626.199	618.850
17)	L4 AR-1242-2	5.349	4.708	155.7E6	86302936	610.259	617.640
18)	L4 AR-1242-3	5.409	4.882	90553517	42429873	613.988	613.970
19)	L4 AR-1242-4	5.508	4.960	75600253	40707168	617.610	637.728
20)	L4 AR-1242-5	6.224	5.472	11336763	31203436	82.971	360.990 #
21)	L5 AR-1248-1	5.328	4.692	102.9E6	56786557	649.714	615.678
22)	L5 AR-1248-2	5.589	4.921	63644863	33803883	290.775	282.246
23)	L5 AR-1248-3	5.791	4.960	72742731	40707168	296.083	335.422
24)	L5 AR-1248-4	6.187	5.130	14493340	42936489	51.816	288.751 #
25)	L5 AR-1248-5	6.224	5.513	11336763	5486379	42.765	37.718
26)	L6 AR-1254-1	6.156	5.472	50702404	31203436	258.080	202.570
27)	L6 AR-1254-2	6.366	5.616	54867663	27256267	179.017	210.074
28)	L6 AR-1254-3	6.734	6.021	28029491	50901337	90.009	240.646 #
29)	L6 AR-1254-4	7.014	6.239	21970511	7070942	86.550	44.087 #
30)	L6 AR-1254-5	7.426	6.646	170.4E6	86961947	577.485	499.899
31)	L7 AR-1260-1	6.886	6.136	119.0E6	71645557	459.529	461.630
32)	L7 AR-1260-2	7.138	6.324	158.3E6	85238070	459.355	451.785
33)	L7 AR-1260-3	7.489	6.473	129.9E6	77405118	457.877	454.545
34)	L7 AR-1260-4	7.718	6.935	121.6E6	62039895	451.728	444.859
35)	L7 AR-1260-5	8.023	7.178	282.3E6	151.2E6	448.146	455.911
36)	L8 AR-1262-1	7.546	6.677	65428189	70630755	423.654	334.388
37)	L8 AR-1262-2	8.023	7.178	282.3E6	151.2E6	402.493	402.332
38)	L8 AR-1262-3	8.298	7.450	68688217	34132482	229.171	230.925
39)	L8 AR-1262-4	8.379	7.518	107.8E6	107.1E6	310.847	399.407 #
40)	L8 AR-1262-5	8.979	8.010	79333359	36870184	332.012	324.048
41)	L9 AR-1268-1	8.298	7.450	68688217	34132482	83.452	84.365

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 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

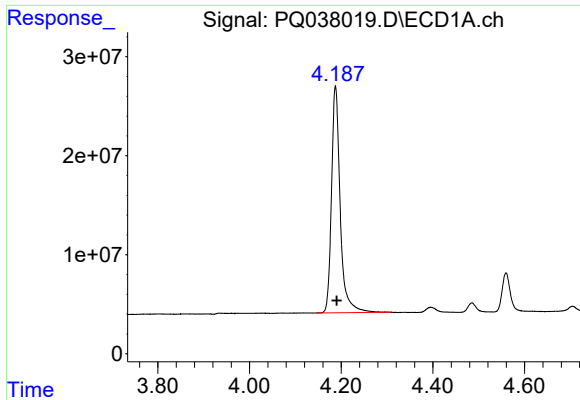
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 11:30:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.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	8.379	7.518	107.8E6	107.1E6	144.355	286.172 #
43) L9	AR-1268-3	8.578	7.708	5378685	2884358	8.202	9.537
44) L9	AR-1268-4	8.979	8.010	79333359	36870184	306.476	295.191
45) L9	AR-1268-5	9.330	8.282	21505461	10110332	11.016	10.687

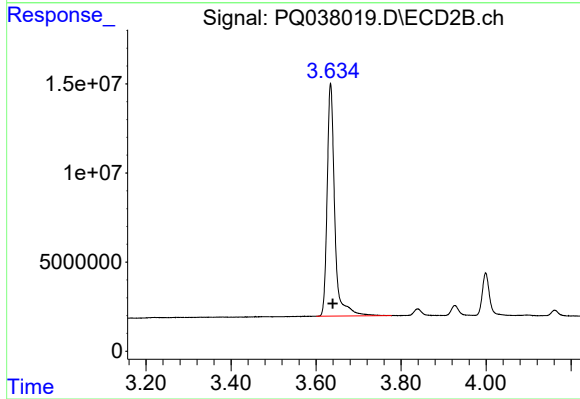
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

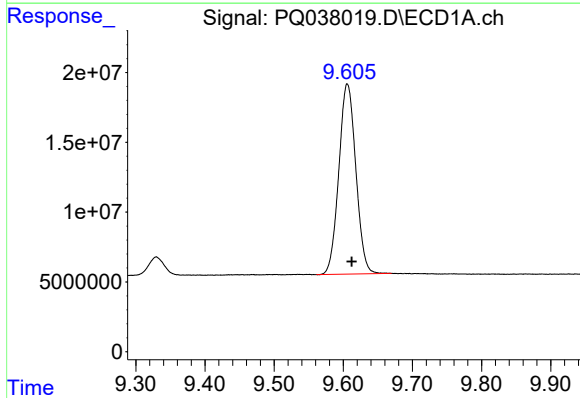
R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 302231215
Conc: 51.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



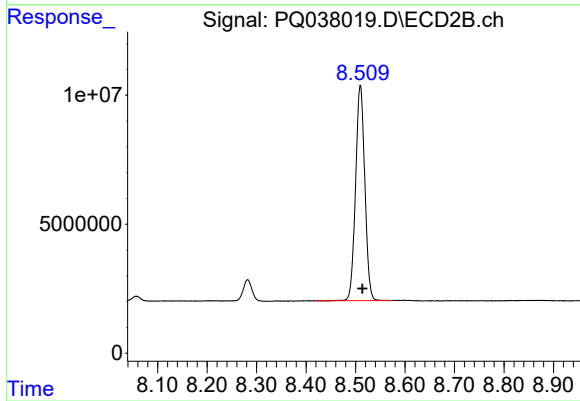
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: -0.005 min
Response: 162083720
Conc: 52.48 ng/ml



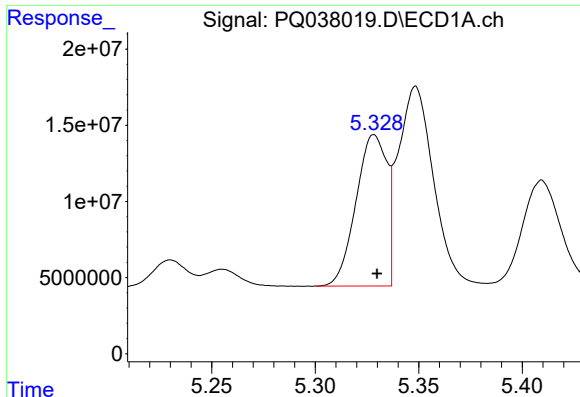
#2 Decachlorobiphenyl

R.T.: 9.606 min
Delta R.T.: -0.006 min
Response: 232990356
Conc: 48.33 ng/ml



#2 Decachlorobiphenyl

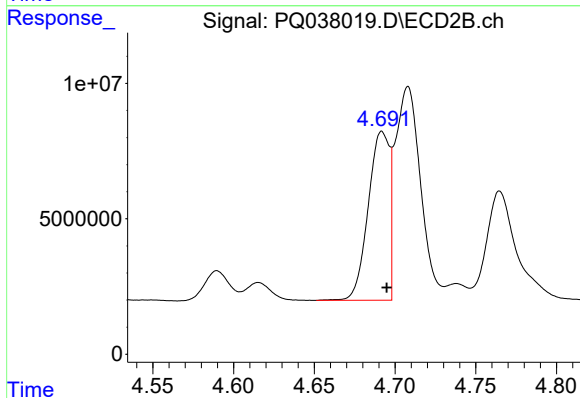
R.T.: 8.510 min
Delta R.T.: -0.004 min
Response: 108307012
Conc: 48.38 ng/ml



#3 AR-1016-1

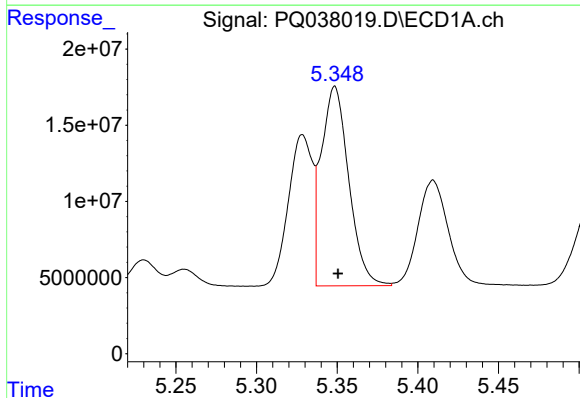
R.T.: 5.328 min
Delta R.T.: -0.001 min
Response: 102899999
Conc: 511.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



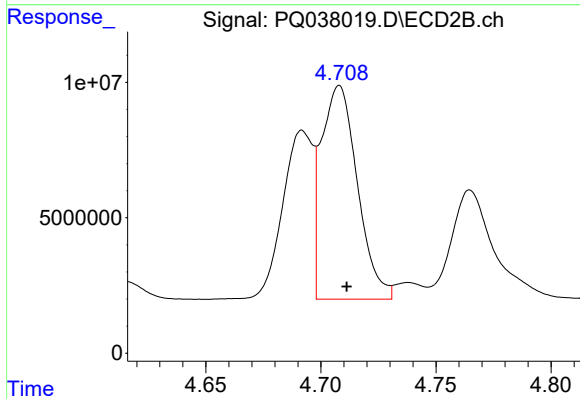
#3 AR-1016-1

R.T.: 4.692 min
Delta R.T.: -0.003 min
Response: 56786557
Conc: 504.71 ng/ml



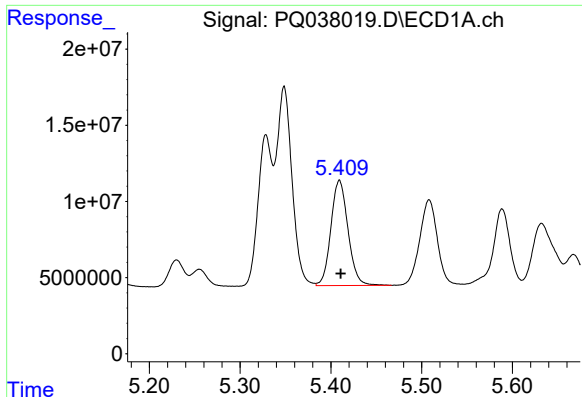
#4 AR-1016-2

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 155716764
Conc: 496.19 ng/ml



#4 AR-1016-2

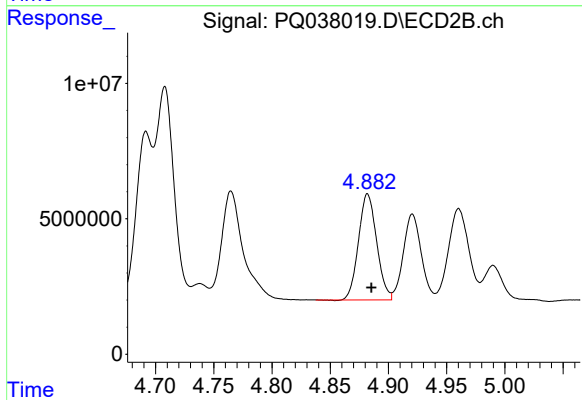
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 86302936
Conc: 509.48 ng/ml



#5 AR-1016-3

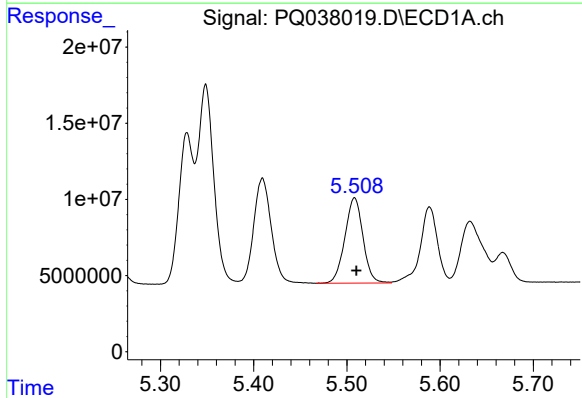
R.T.: 5.409 min
Delta R.T.: -0.001 min
Response: 90553517
Conc: 497.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



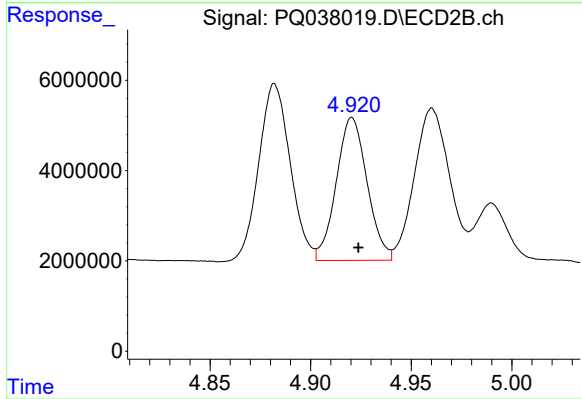
#5 AR-1016-3

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 42429873
Conc: 492.27 ng/ml



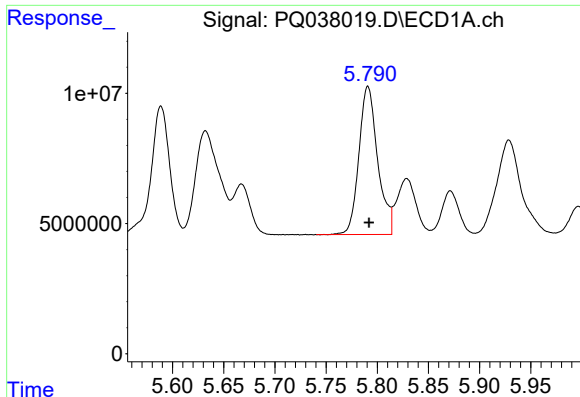
#6 AR-1016-4

R.T.: 5.508 min
Delta R.T.: -0.002 min
Response: 75600253
Conc: 505.36 ng/ml



#6 AR-1016-4

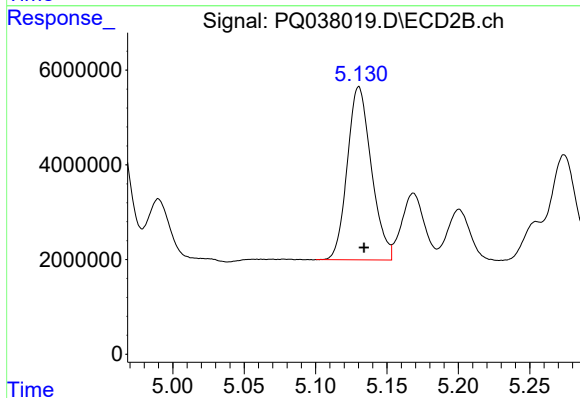
R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 33803883
Conc: 488.65 ng/ml



#7 AR-1016-5

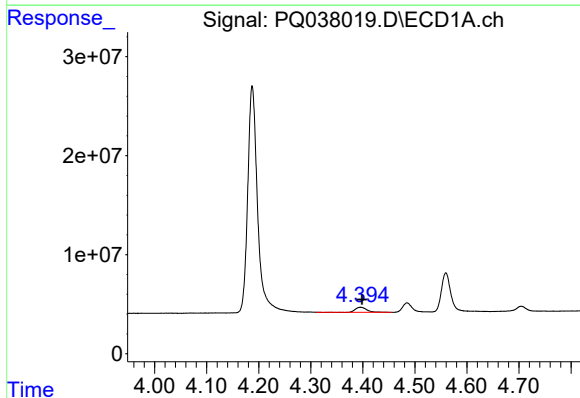
R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 72742731
Conc: 501.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



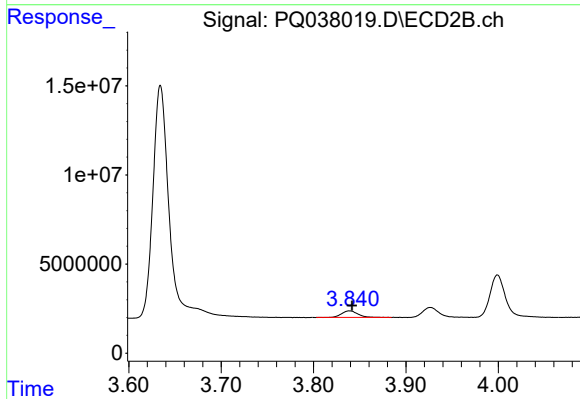
#7 AR-1016-5

R.T.: 5.130 min
Delta R.T.: -0.004 min
Response: 42936489
Conc: 492.57 ng/ml



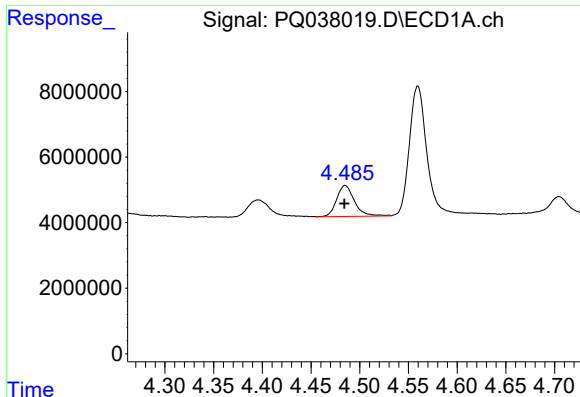
#8 AR-1221-1

R.T.: 4.396 min
Delta R.T.: -0.003 min
Response: 7578842
Conc: 119.44 ng/ml



#8 AR-1221-1

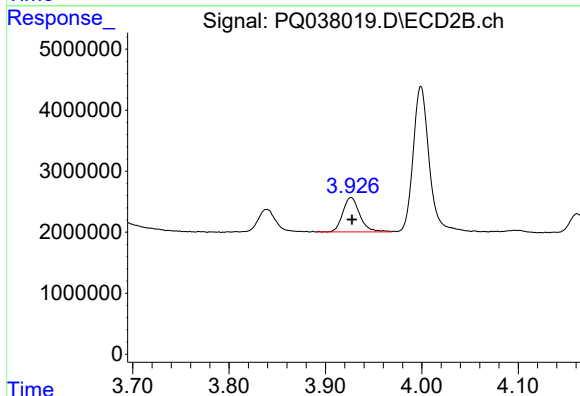
R.T.: 3.839 min
Delta R.T.: -0.003 min
Response: 4621045
Conc: 134.69 ng/ml



#9 AR-1221-2

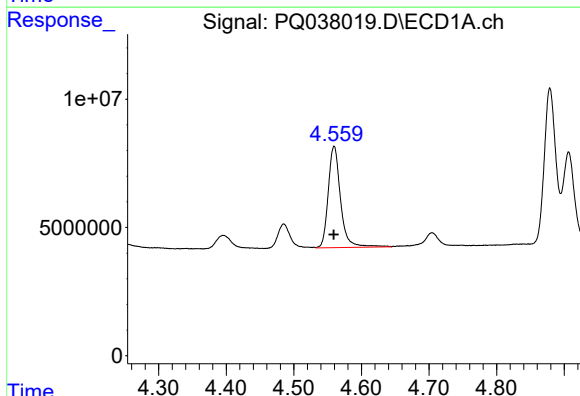
R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 12054679
Conc: 260.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



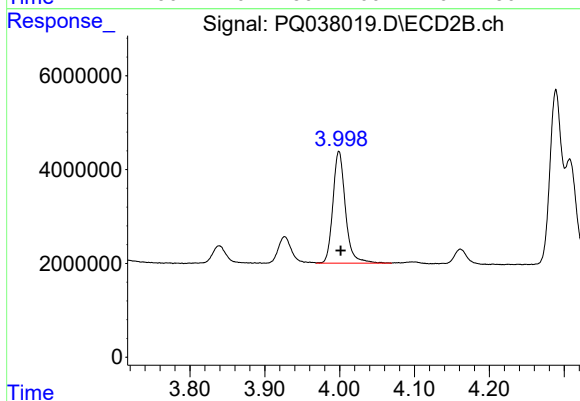
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.001 min
Response: 6890270
Conc: 268.51 ng/ml



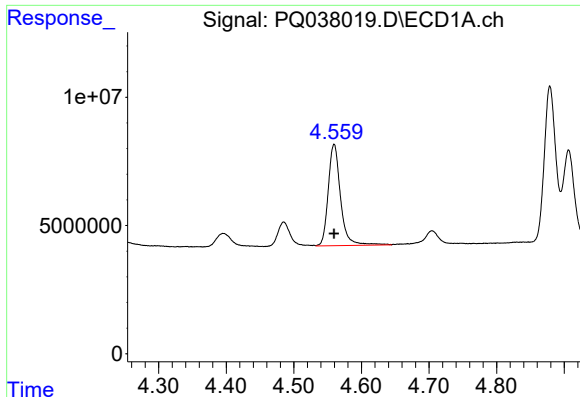
#10 AR-1221-3

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 50059970
Conc: 327.53 ng/ml



#10 AR-1221-3

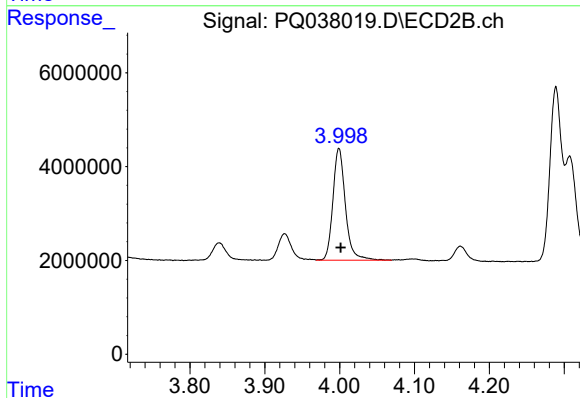
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 27690449
Conc: 323.71 ng/ml



#11 AR-1232-1

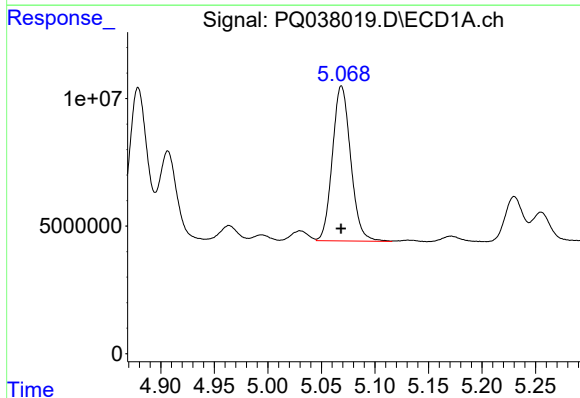
R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 50059970
Conc: 402.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



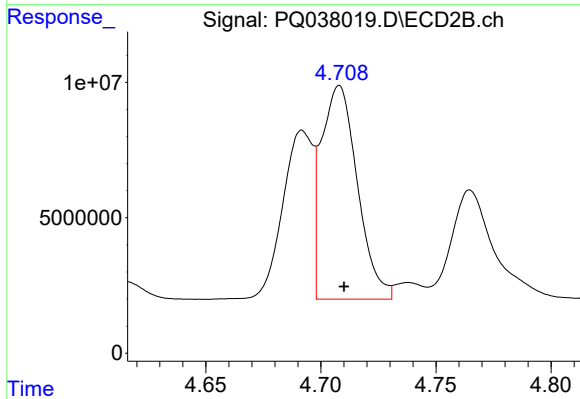
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 27690449
Conc: 413.08 ng/ml



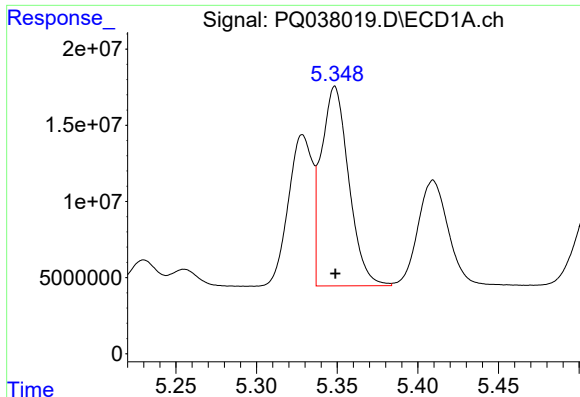
#12 AR-1232-2

R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 72199438
Conc: 1226.11 ng/ml



#12 AR-1232-2

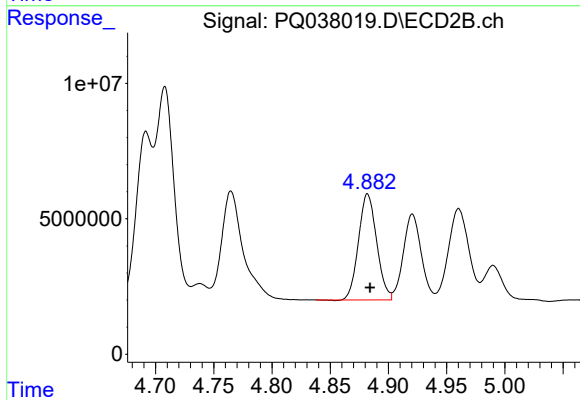
R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 86302936
Conc: 1220.64 ng/ml



#13 AR-1232-3

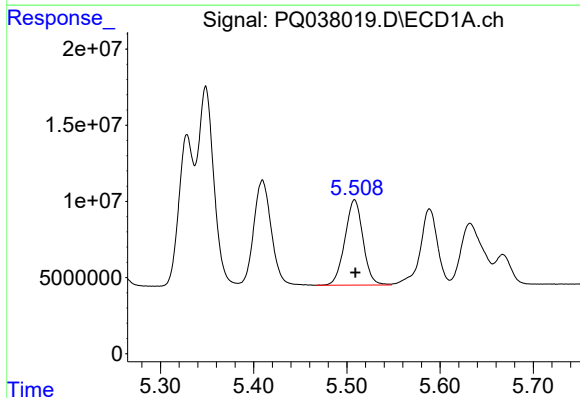
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 155716764
Conc: 1260.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



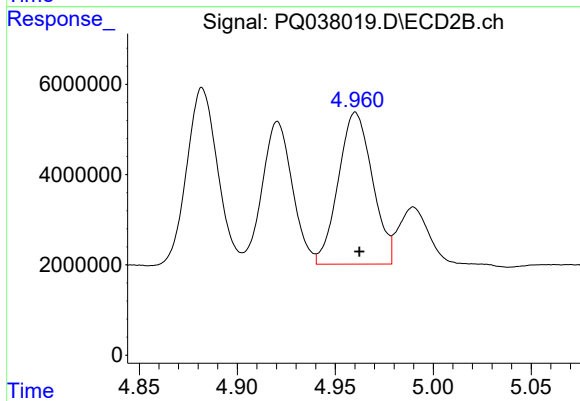
#13 AR-1232-3

R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 42429873
Conc: 1269.16 ng/ml



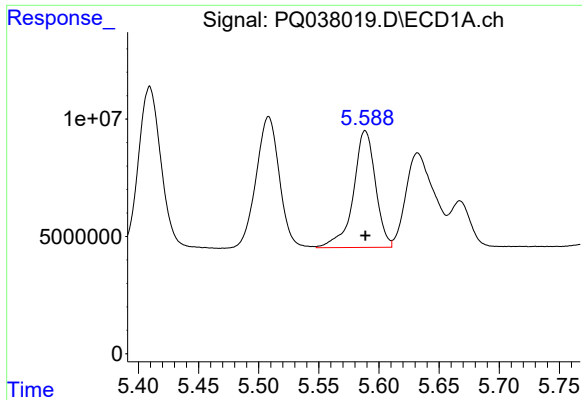
#14 AR-1232-4

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 75600253
Conc: 1298.00 ng/ml



#14 AR-1232-4

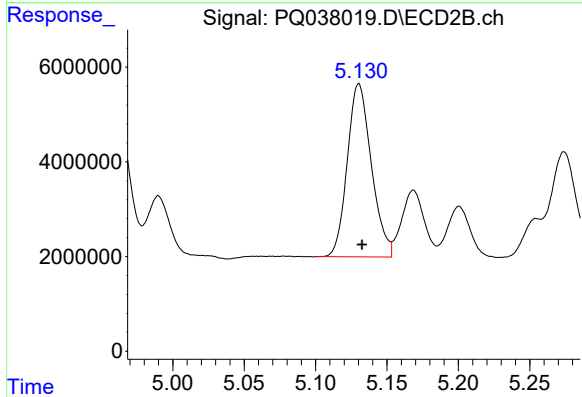
R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 40707168
Conc: 1414.52 ng/ml



#15 AR-1232-5

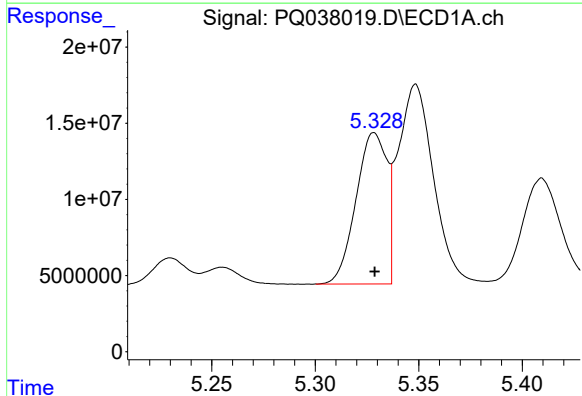
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 63644863
Conc: 1488.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



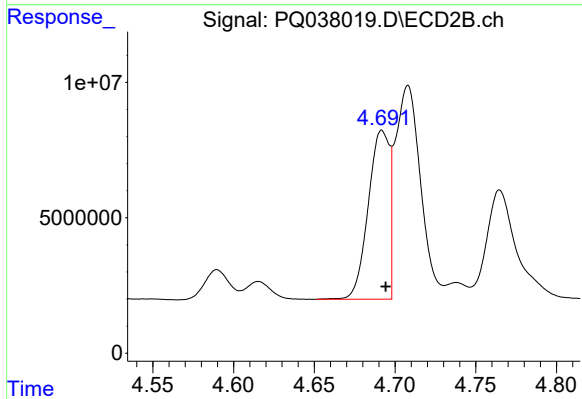
#15 AR-1232-5

R.T.: 5.130 min
Delta R.T.: -0.002 min
Response: 42936489
Conc: 1354.52 ng/ml



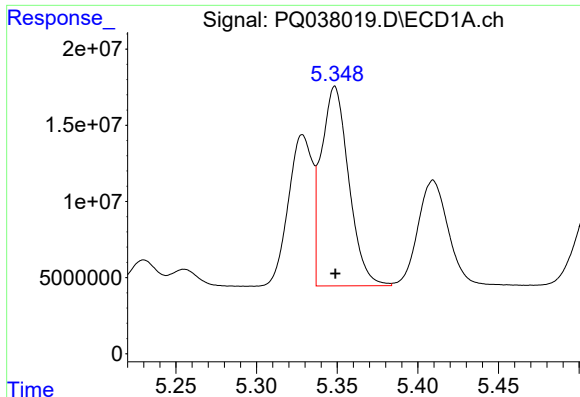
#16 AR-1242-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 102899999
Conc: 626.20 ng/ml



#16 AR-1242-1

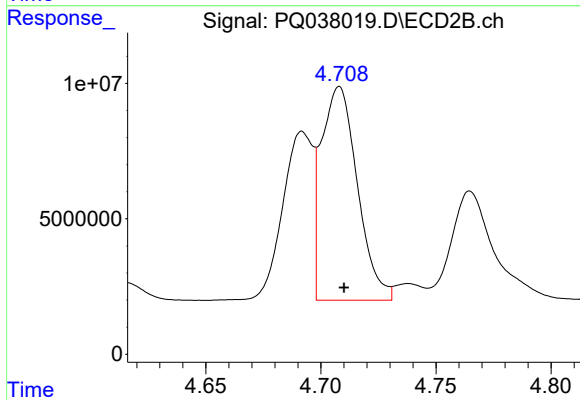
R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 56786557
Conc: 618.85 ng/ml



#17 AR-1242-2

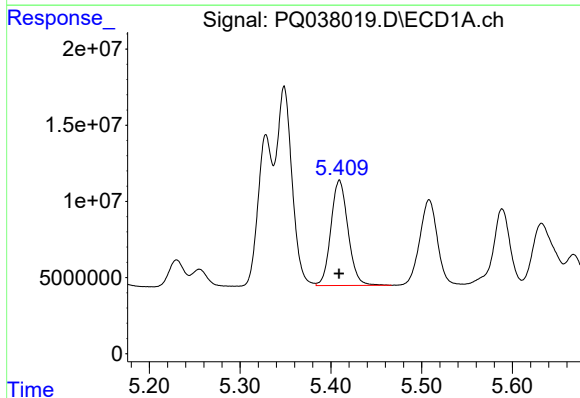
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 155716764
Conc: 610.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



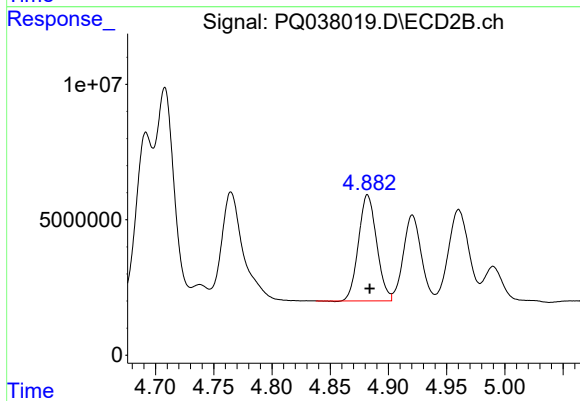
#17 AR-1242-2

R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 86302936
Conc: 617.64 ng/ml



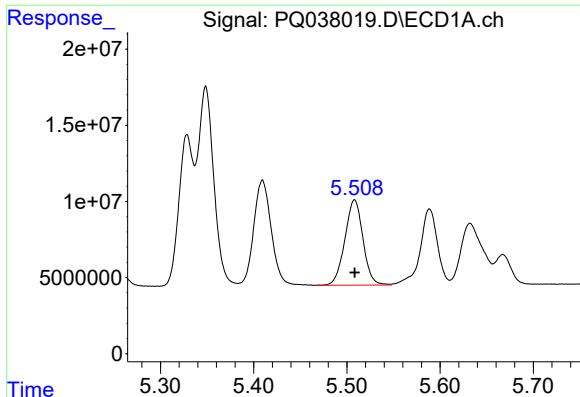
#18 AR-1242-3

R.T.: 5.409 min
Delta R.T.: 0.000 min
Response: 90553517
Conc: 613.99 ng/ml



#18 AR-1242-3

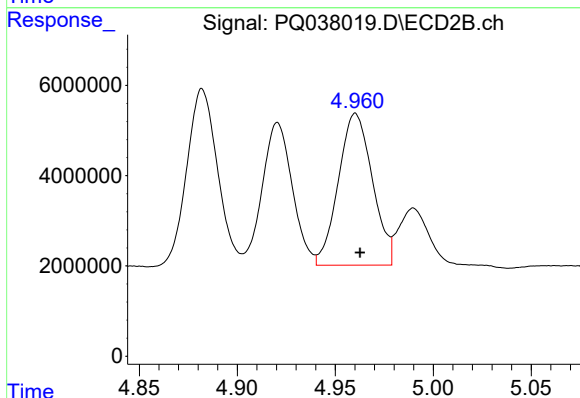
R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 42429873
Conc: 613.97 ng/ml



#19 AR-1242-4

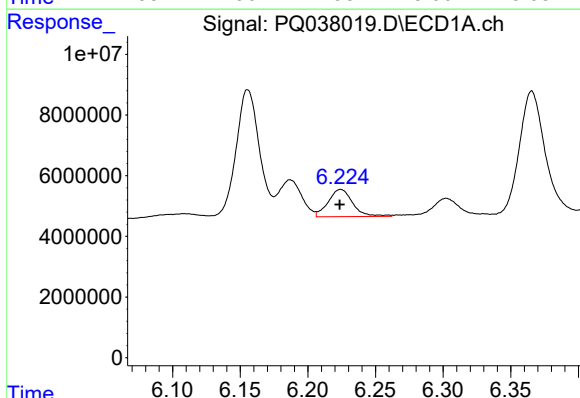
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 75600253
Conc: 617.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



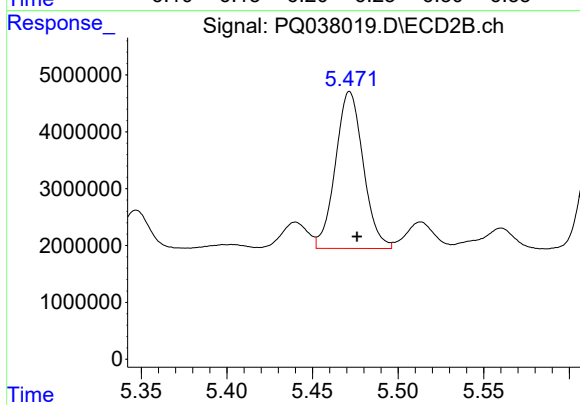
#19 AR-1242-4

R.T.: 4.960 min
Delta R.T.: -0.002 min
Response: 40707168
Conc: 637.73 ng/ml



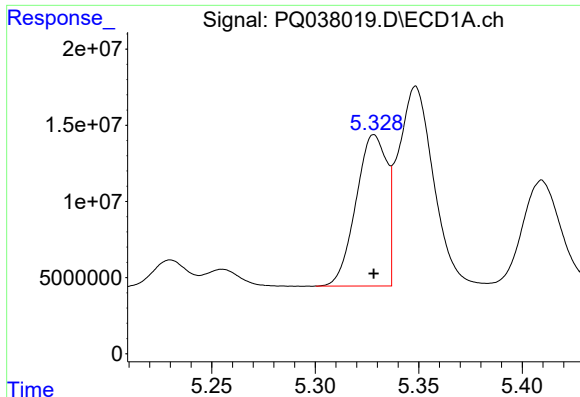
#20 AR-1242-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 11336763
Conc: 82.97 ng/ml



#20 AR-1242-5

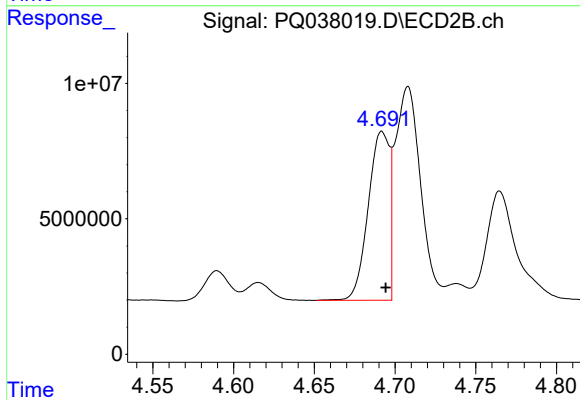
R.T.: 5.472 min
Delta R.T.: -0.004 min
Response: 31203436
Conc: 360.99 ng/ml



#21 AR-1248-1

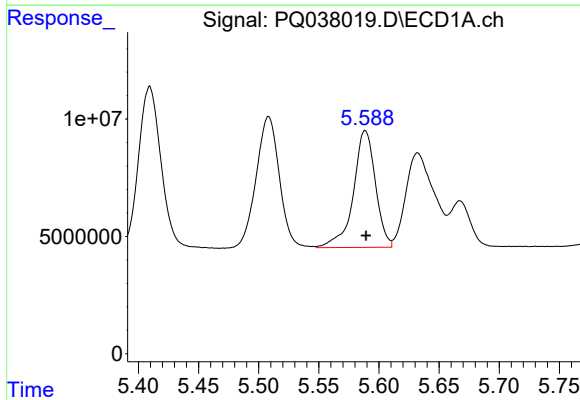
R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 102899999
Conc: 649.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



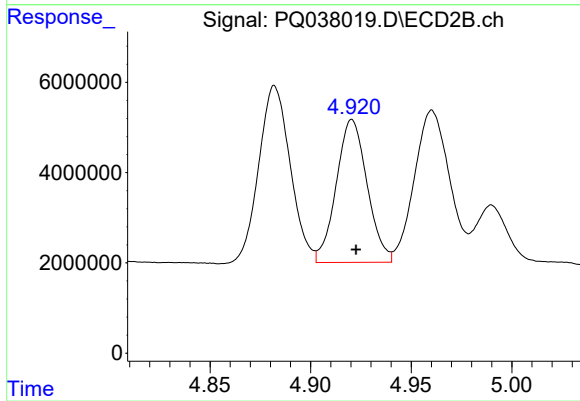
#21 AR-1248-1

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 56786557
Conc: 615.68 ng/ml



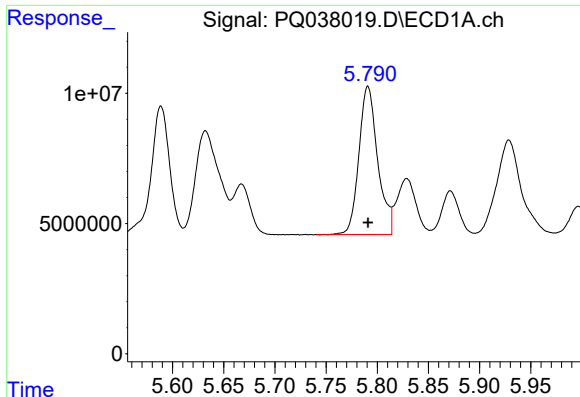
#22 AR-1248-2

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 63644863
Conc: 290.77 ng/ml



#22 AR-1248-2

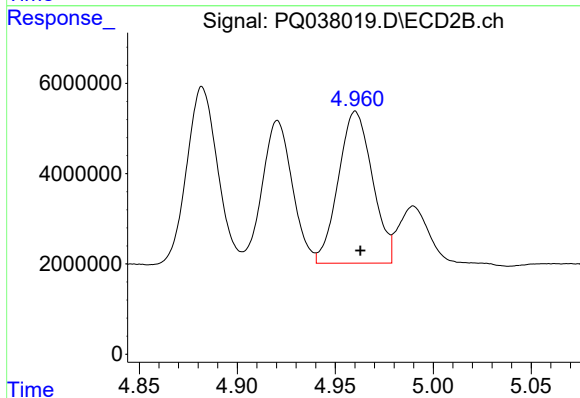
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 33803883
Conc: 282.25 ng/ml



#23 AR-1248-3

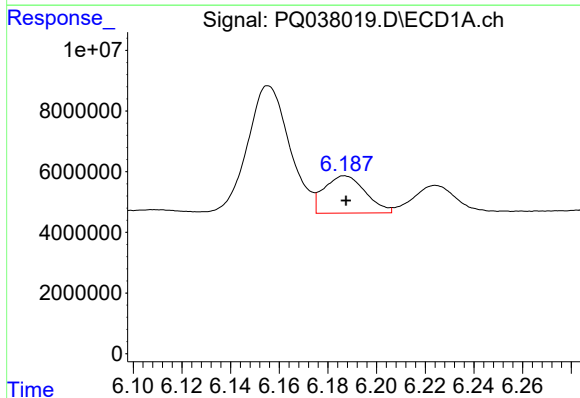
R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 72742731
Conc: 296.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



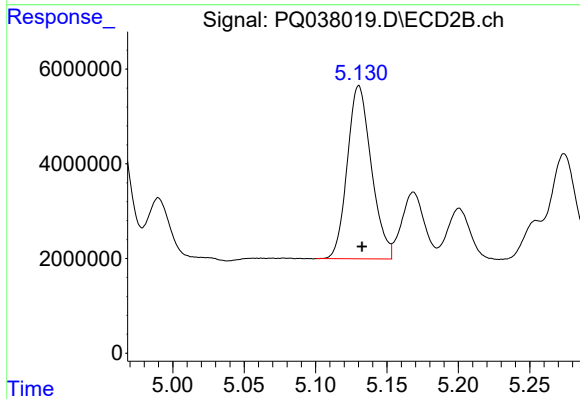
#23 AR-1248-3

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 40707168
Conc: 335.42 ng/ml



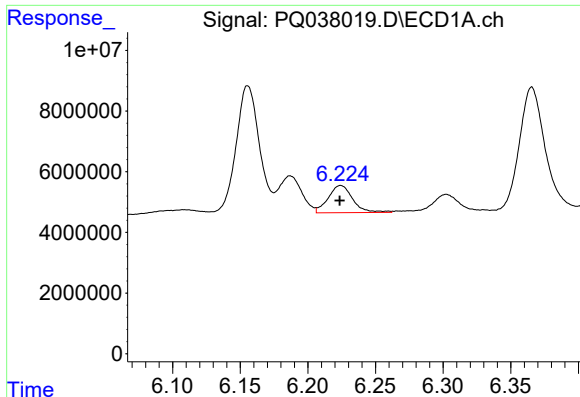
#24 AR-1248-4

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 14493340
Conc: 51.82 ng/ml



#24 AR-1248-4

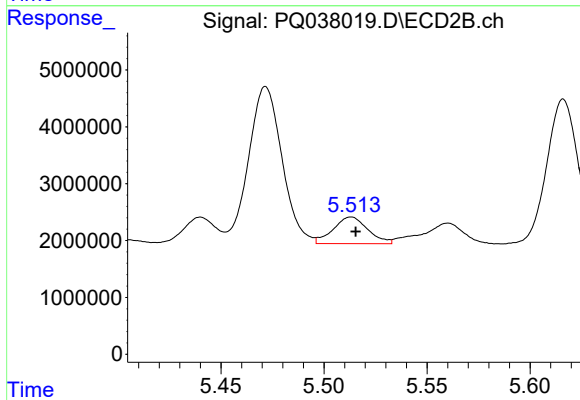
R.T.: 5.130 min
Delta R.T.: -0.002 min
Response: 42936489
Conc: 288.75 ng/ml



#25 AR-1248-5

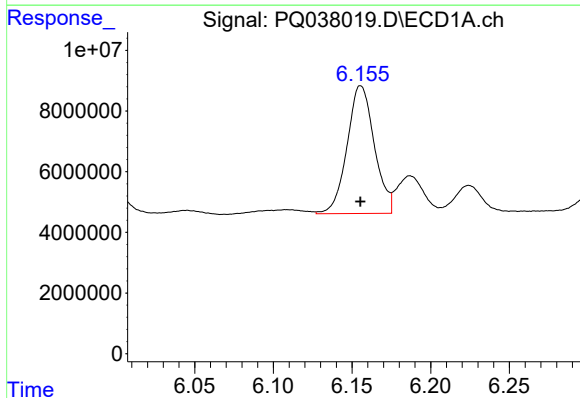
R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 11336763
Conc: 42.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



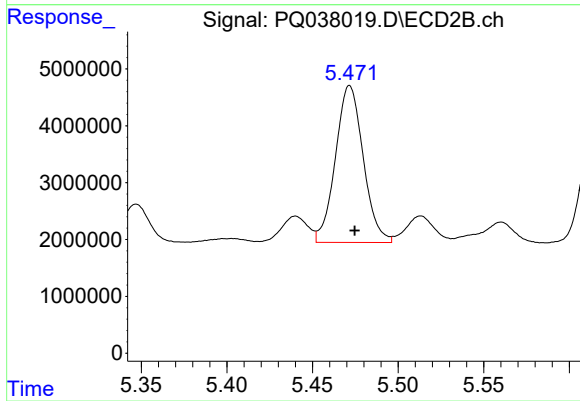
#25 AR-1248-5

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 5486379
Conc: 37.72 ng/ml



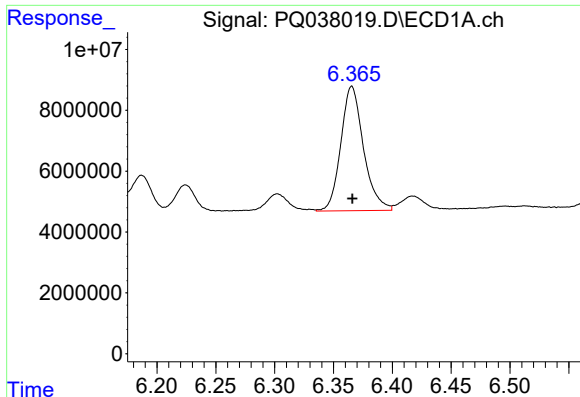
#26 AR-1254-1

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 50702404
Conc: 258.08 ng/ml



#26 AR-1254-1

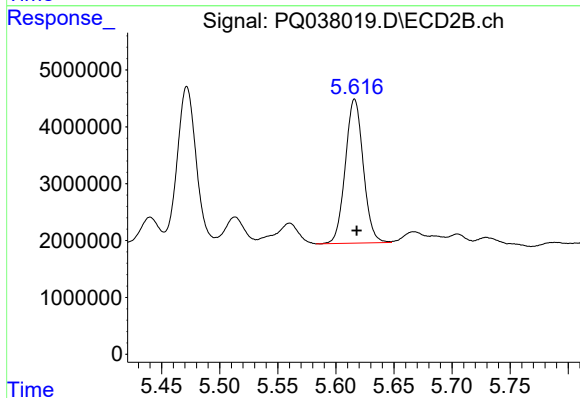
R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 31203436
Conc: 202.57 ng/ml



#27 AR-1254-2

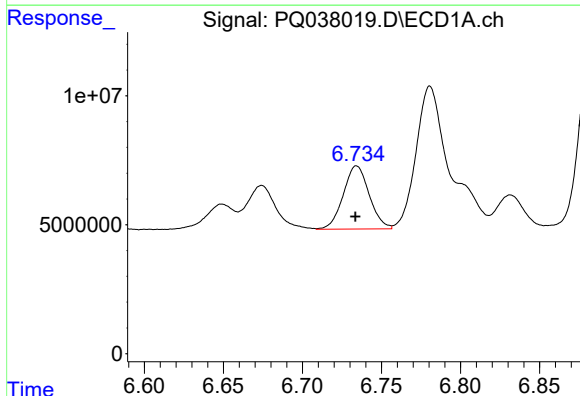
R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 54867663
Conc: 179.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



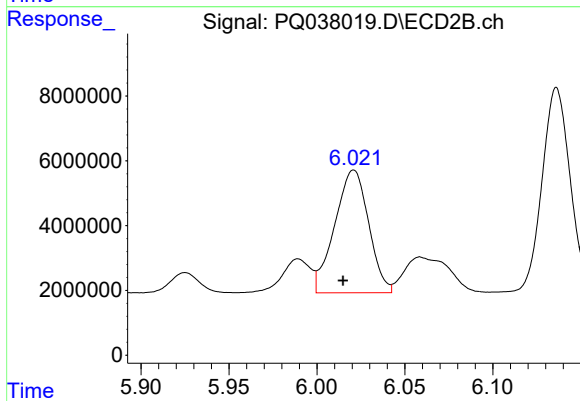
#27 AR-1254-2

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 27256267
Conc: 210.07 ng/ml



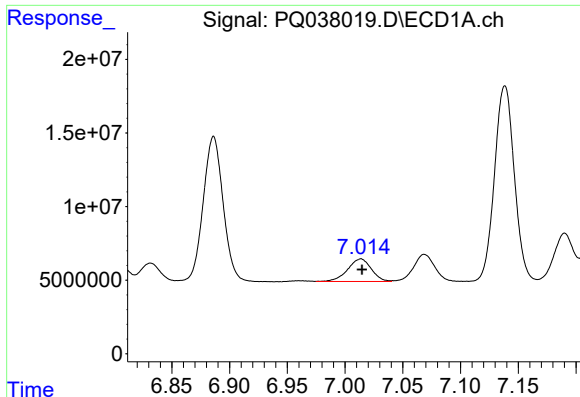
#28 AR-1254-3

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 28029491
Conc: 90.01 ng/ml



#28 AR-1254-3

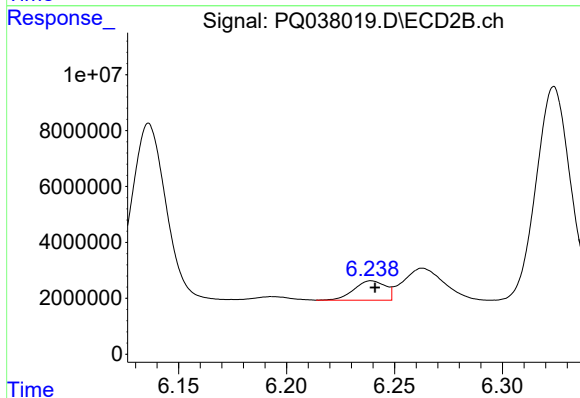
R.T.: 6.021 min
Delta R.T.: 0.006 min
Response: 50901337
Conc: 240.65 ng/ml



#29 AR-1254-4

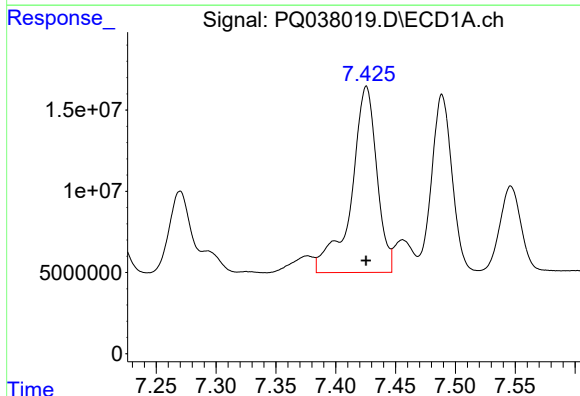
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 21970511
Conc: 86.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



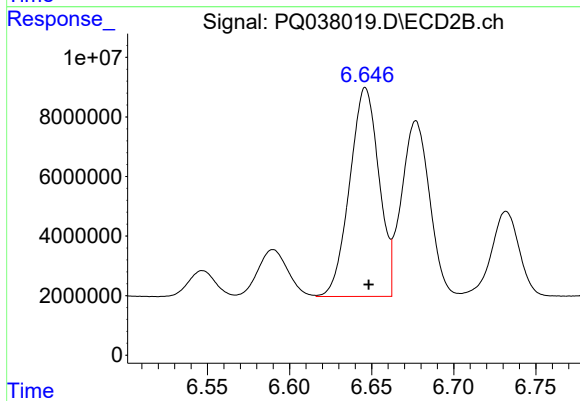
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 7070942
Conc: 44.09 ng/ml



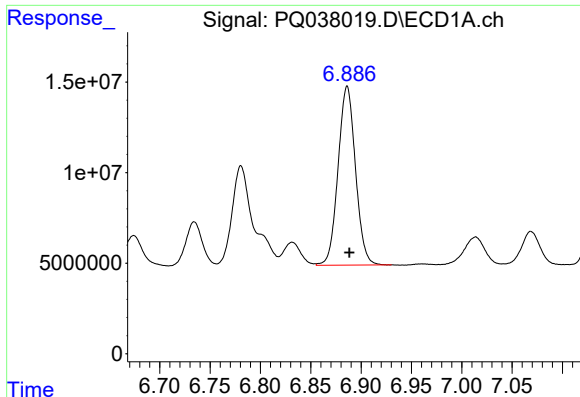
#30 AR-1254-5

R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 170396199
Conc: 577.48 ng/ml



#30 AR-1254-5

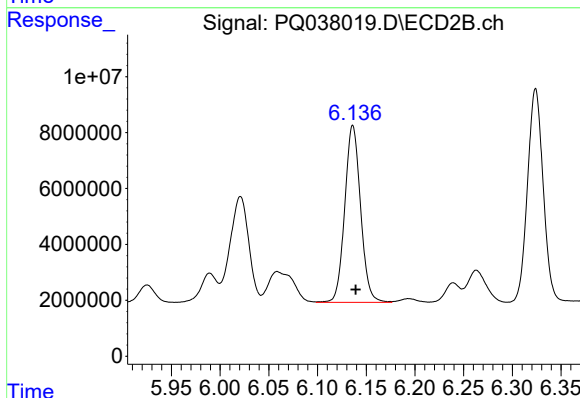
R.T.: 6.646 min
Delta R.T.: -0.002 min
Response: 86961947
Conc: 499.90 ng/ml



#31 AR-1260-1

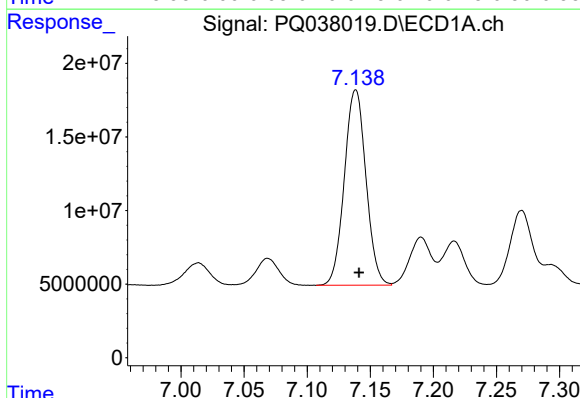
R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 119003037
Conc: 459.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



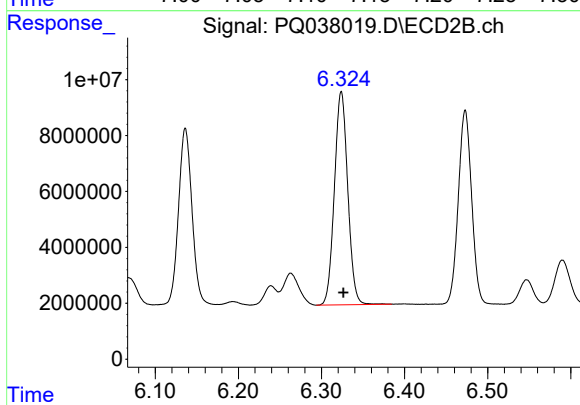
#31 AR-1260-1

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 71645557
Conc: 461.63 ng/ml



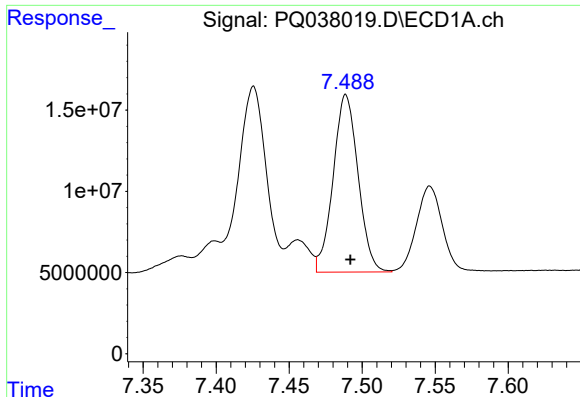
#32 AR-1260-2

R.T.: 7.138 min
Delta R.T.: -0.003 min
Response: 158338528
Conc: 459.36 ng/ml



#32 AR-1260-2

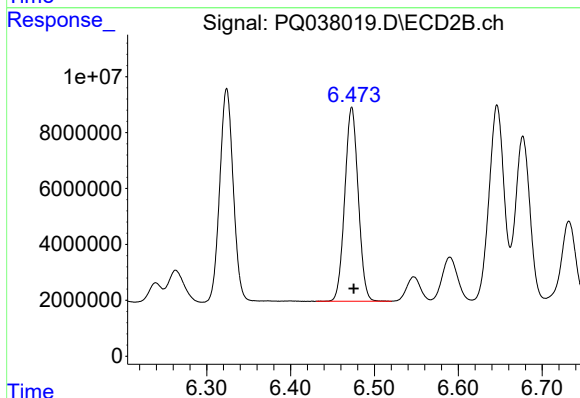
R.T.: 6.324 min
Delta R.T.: -0.002 min
Response: 85238070
Conc: 451.78 ng/ml



#33 AR-1260-3

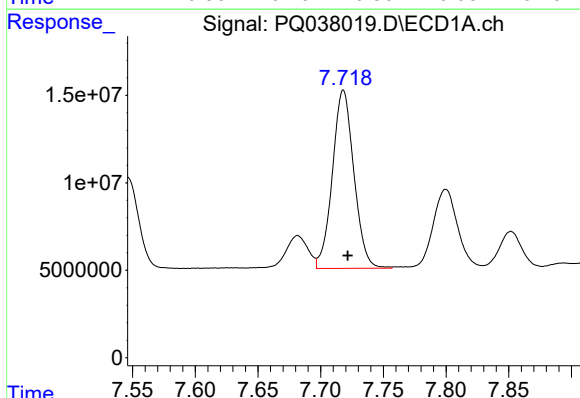
R.T.: 7.489 min
Delta R.T.: -0.003 min
Response: 129864616
Conc: 457.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



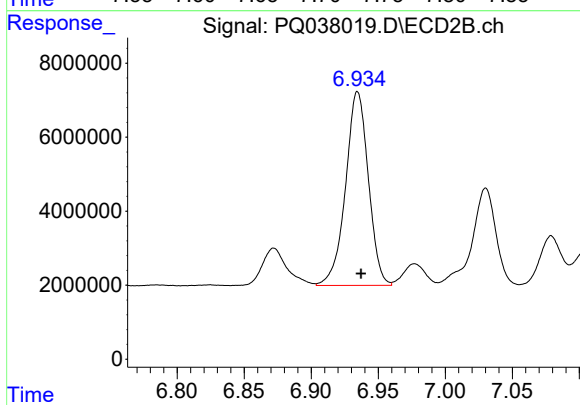
#33 AR-1260-3

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 77405118
Conc: 454.55 ng/ml



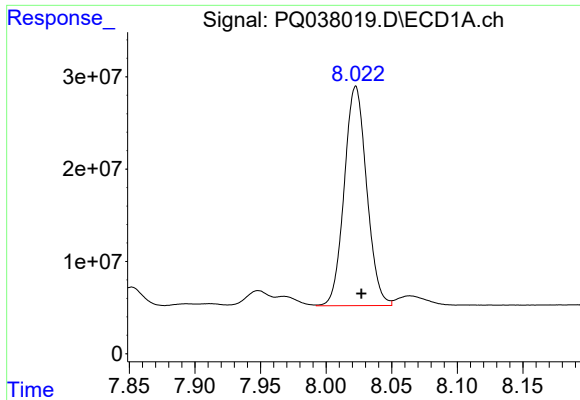
#34 AR-1260-4

R.T.: 7.718 min
Delta R.T.: -0.003 min
Response: 121611648
Conc: 451.73 ng/ml



#34 AR-1260-4

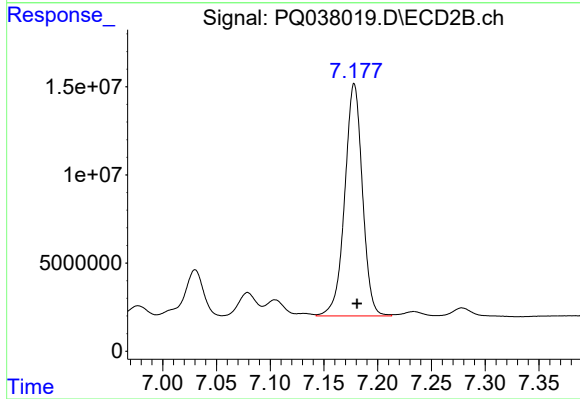
R.T.: 6.935 min
Delta R.T.: -0.003 min
Response: 62039895
Conc: 444.86 ng/ml



#35 AR-1260-5

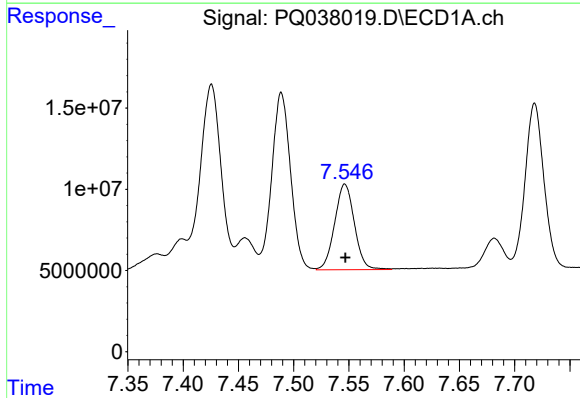
R.T.: 8.023 min
Delta R.T.: -0.004 min
Response: 282344486
Conc: 448.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



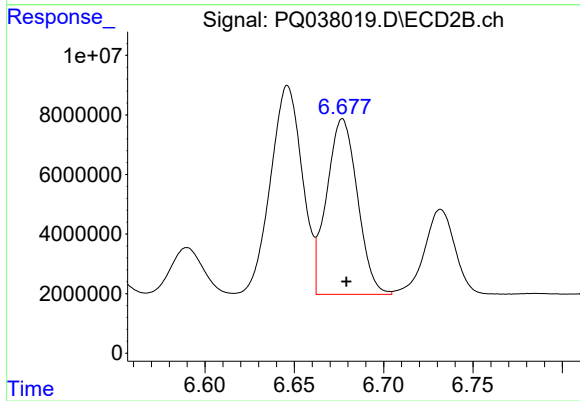
#35 AR-1260-5

R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 151207457
Conc: 455.91 ng/ml



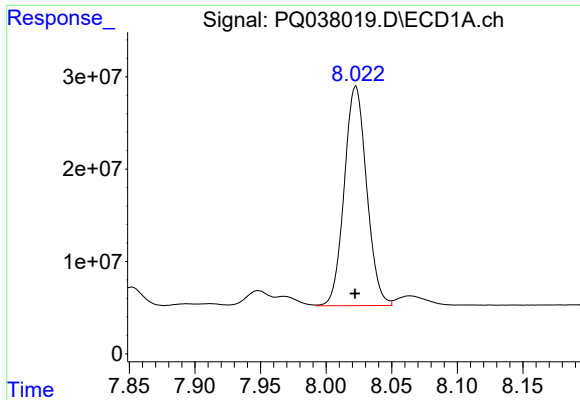
#36 AR-1262-1

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 65428189
Conc: 423.65 ng/ml



#36 AR-1262-1

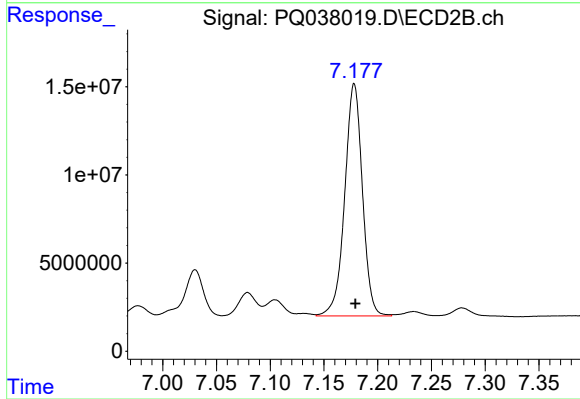
R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 70630755
Conc: 334.39 ng/ml



#37 AR-1262-2

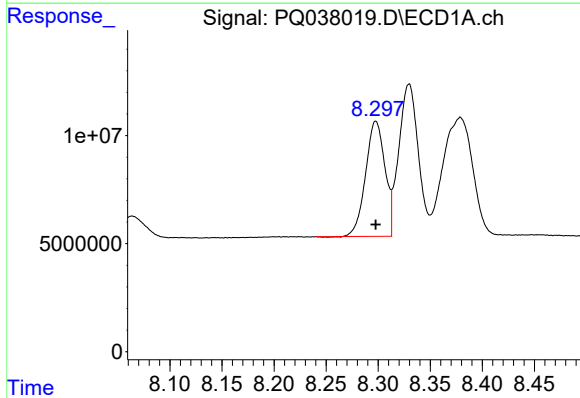
R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 282344486
Conc: 402.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



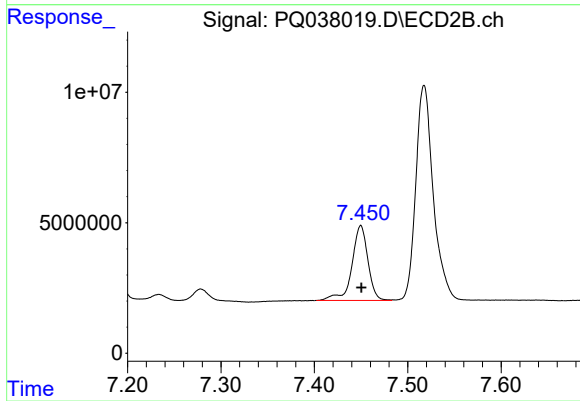
#37 AR-1262-2

R.T.: 7.178 min
Delta R.T.: -0.001 min
Response: 151207457
Conc: 402.33 ng/ml



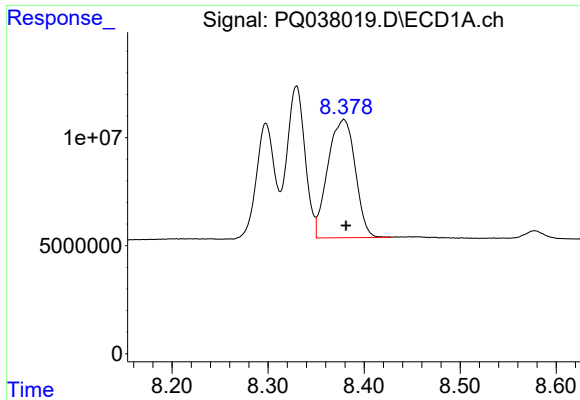
#38 AR-1262-3

R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 68688217
Conc: 229.17 ng/ml



#38 AR-1262-3

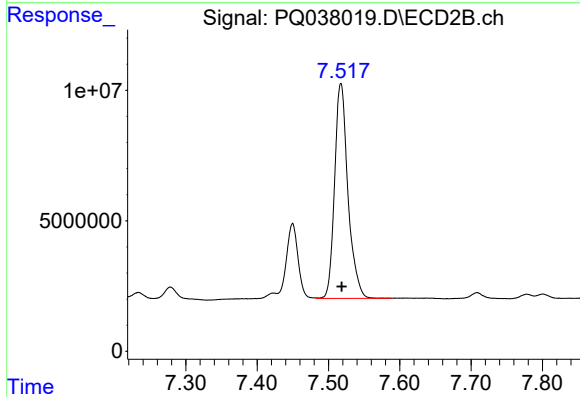
R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 34132482
Conc: 230.92 ng/ml



#39 AR-1262-4

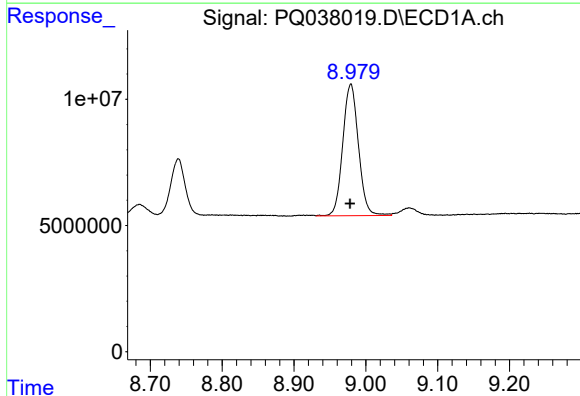
R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 107800851
Conc: 310.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



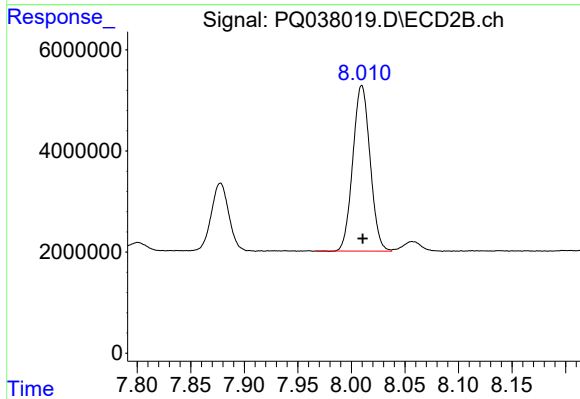
#39 AR-1262-4

R.T.: 7.518 min
Delta R.T.: -0.001 min
Response: 107140117
Conc: 399.41 ng/ml



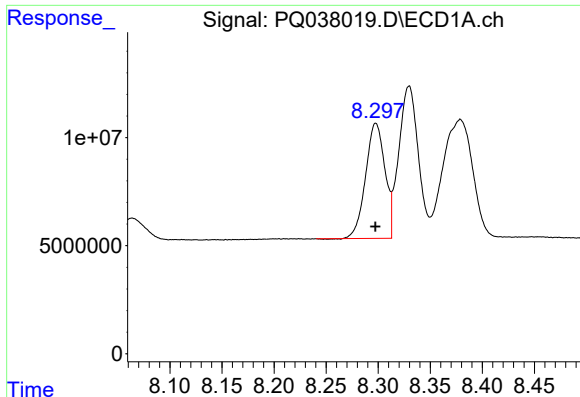
#40 AR-1262-5

R.T.: 8.979 min
Delta R.T.: 0.001 min
Response: 79333359
Conc: 332.01 ng/ml



#40 AR-1262-5

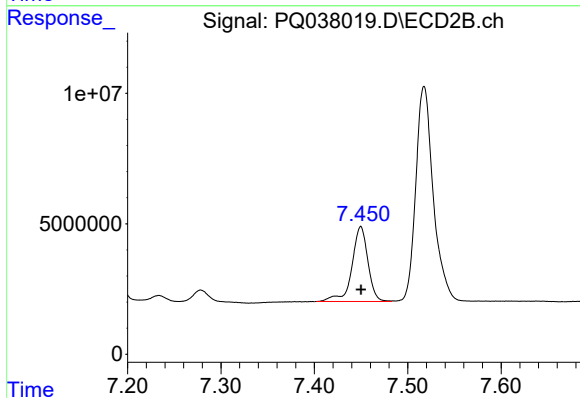
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 36870184
Conc: 324.05 ng/ml



#41 AR-1268-1

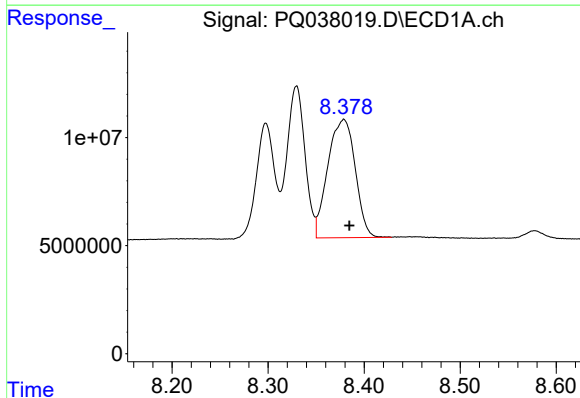
R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 68688217
Conc: 83.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



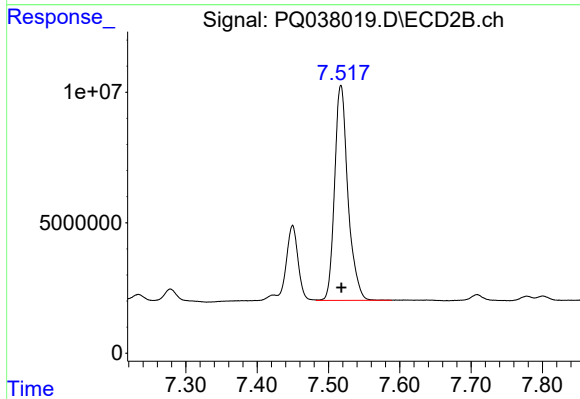
#41 AR-1268-1

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 34132482
Conc: 84.36 ng/ml



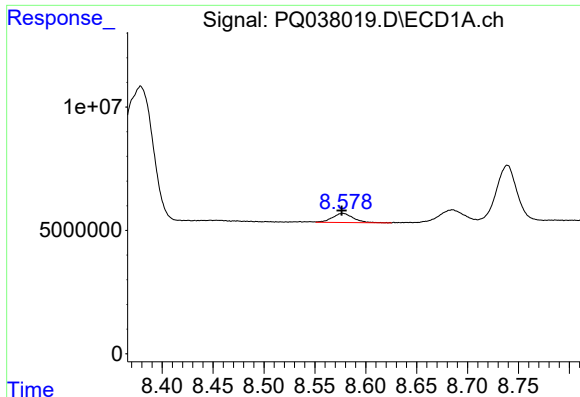
#42 AR-1268-2

R.T.: 8.379 min
Delta R.T.: -0.006 min
Response: 107800851
Conc: 144.35 ng/ml



#42 AR-1268-2

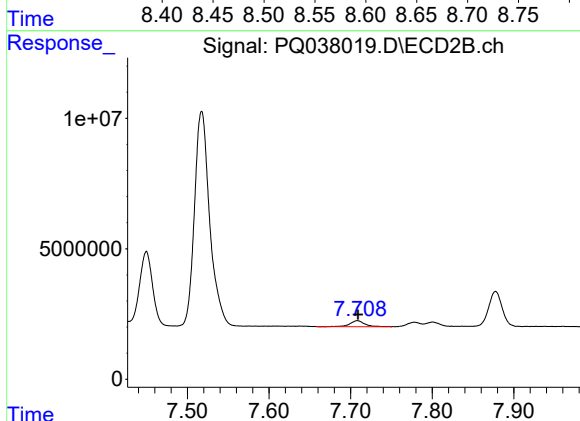
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 107140117
Conc: 286.17 ng/ml



#43 AR-1268-3

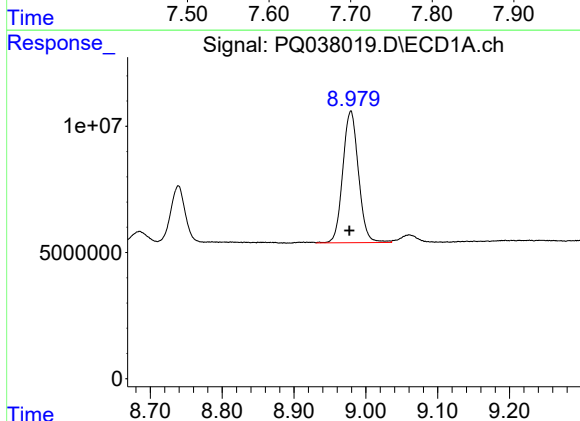
R.T.: 8.578 min
Delta R.T.: 0.001 min
Response: 5378685
Conc: 8.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



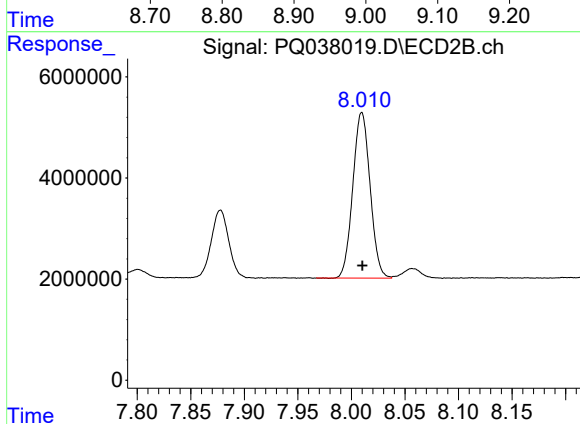
#43 AR-1268-3

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 2884358
Conc: 9.54 ng/ml



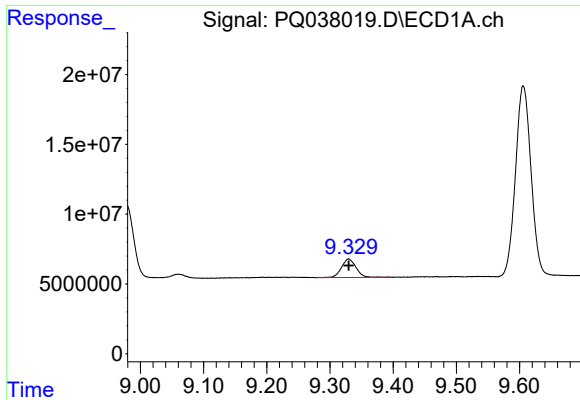
#44 AR-1268-4

R.T.: 8.979 min
Delta R.T.: 0.002 min
Response: 7933359
Conc: 306.48 ng/ml



#44 AR-1268-4

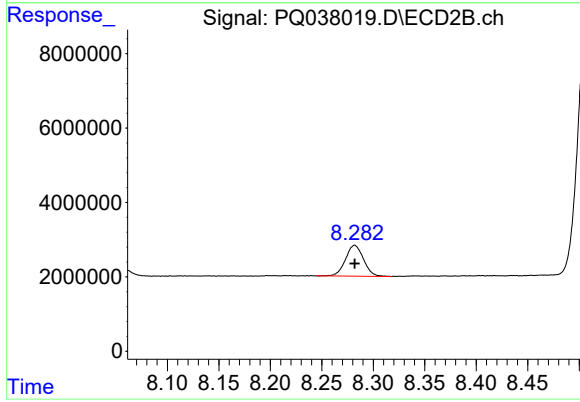
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 36870184
Conc: 295.19 ng/ml



#45 AR-1268-5

R.T.: 9.330 min
Delta R.T.: 0.000 min
Response: 21505461
Conc: 11.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 10110332
Conc: 10.69 ng/ml