

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 21:20
 Operator : SM\SJ
 Sample : K1882-09MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:50:07 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...	4.183	3.637	126.8E6	67559277	21.800	21.874
2)	SA Decachlor...	9.595	8.506	89927616	41992378	18.652	18.757
Target Compounds							
3)	L1 AR-1016-1	5.321	4.691	59142033	35619182	293.867	316.578
4)	L1 AR-1016-2	5.343	4.708	87904395	41755939	280.105	246.504
5)	L1 AR-1016-3	5.404	4.882	45204010	35131301	248.198	407.589 #
6)	L1 AR-1016-4	5.499	4.920	62648046	45015038	418.783	650.711 #
7)	L1 AR-1016-5	5.783	5.129	108.3E6	64366604	745.843	738.421
8)	L2 AR-1221-1	4.392	3.840	4425942	3245121	69.754	94.587 #
9)	L2 AR-1221-2	4.480	3.928	6219222	3098701	134.441	120.757
10)	L2 AR-1221-3	4.554	4.001	22930764	11984078	150.032	140.099
11)	L3 AR-1232-1	4.554	4.001	22930764	11984078	184.251	178.774
12)	L3 AR-1232-2	5.061	4.708	93783308	41755939	1592.649	590.580 #
13)	L3 AR-1232-3	5.343	4.882	87904395	35131301	711.765	1050.844 #
14)	L3 AR-1232-4	5.499	4.959	62648046	48061169	1075.623	1670.057 #
15)	L3 AR-1232-5	5.582	5.129	87966782	64366604	2057.726	2030.570
16)	L4 AR-1242-1	5.321	4.691	59142033	35619182	359.909	388.171
17)	L4 AR-1242-2	5.343	4.708	87904395	41755939	344.500	298.833
18)	L4 AR-1242-3	5.404	4.882	45204010	35131301	306.501	508.358 #
19)	L4 AR-1242-4	5.499	4.959	62648046	48061169	511.798	752.937 #
20)	L4 AR-1242-5	6.215	5.472	43529498	41480452	318.582	479.884 #
21)	L5 AR-1248-1	5.321	4.691	59142033	35619182	373.425	386.182
22)	L5 AR-1248-2	5.582	4.920	87966782	45015038	401.894	375.853
23)	L5 AR-1248-3	5.783	4.959	108.3E6	48061169	440.774	396.019
24)	L5 AR-1248-4	6.179	5.129	45448123	64366604	162.484	432.870 #
25)	L5 AR-1248-5	6.215	5.512	43529498	23467137	164.205	161.334
26)	L6 AR-1254-1	6.148	5.472	52458355	41480452	267.018	269.287
27)	L6 AR-1254-2	6.359	5.614	57628218	17925198	188.023	138.156 #
28)	L6 AR-1254-3	6.726	6.017	20624324	28746700	66.229	135.906 #
29)	L6 AR-1254-4	7.004	6.237	10634217	3333417	41.892	20.784 #
30)	L6 AR-1254-5	7.416	6.644	85790340	45793096	290.749	263.241
31)	L7 AR-1260-1	6.877	6.134	58178890	36330445	224.657	234.086
32)	L7 AR-1260-2	7.130	6.321	75568643	42934462	219.232	227.564
33)	L7 AR-1260-3	7.480	6.470	51167714	38152033	180.407	224.040
34)	L7 AR-1260-4	7.710	6.932	50937316	26399478	189.207	189.298
35)	L7 AR-1260-5	8.015	7.175	114.4E6	64129424	181.511	193.359
36)	L8 AR-1262-1	7.538	6.674	25593253	30065511	165.719	142.340
37)	L8 AR-1262-2	8.015	7.175	114.4E6	64129424	163.020	170.635
38)	L8 AR-1262-3	8.289	7.446	23476860	11883646	78.328	80.399
39)	L8 AR-1262-4	8.368	7.515	39703358	44603251	114.486	166.276 #
40)	L8 AR-1262-5	8.967	8.007	26537395	11807736	111.060	103.777
41)	L9 AR-1268-1	8.289	7.446	23476860	11883646	28.523	29.373

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 Operator : SM\SJ
 Sample : K1882-09MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

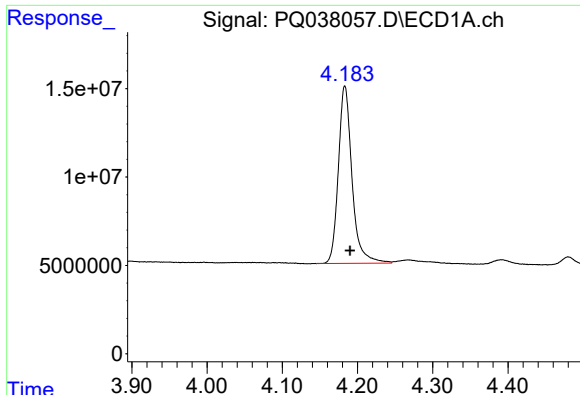
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:50:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
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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	8.368	7.515	39703358	44603251	53.166	119.135 #
43) L9	AR-1268-3	8.568	0.000	4120322	0	6.283	N.D. #
44) L9	AR-1268-4	8.967	8.007	26537395	11807736	102.518	94.535
45) L9	AR-1268-5	9.319	8.278	8680638	4298820	4.447	4.544

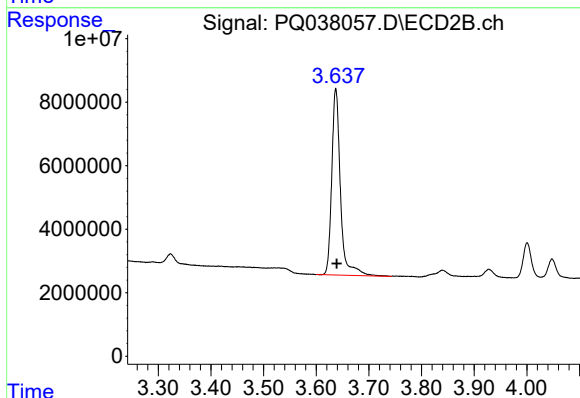
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

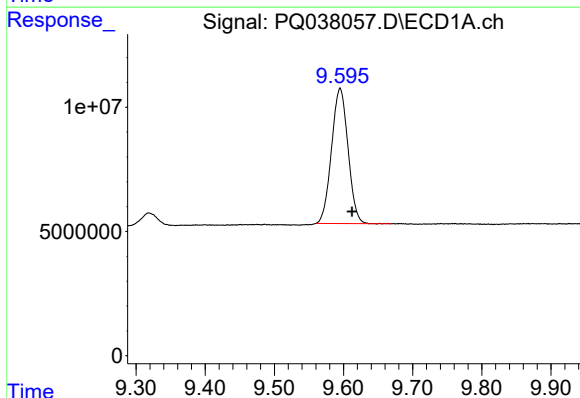
R.T.: 4.183 min
Delta R.T.: -0.007 min
Response: 126847980
Conc: 21.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



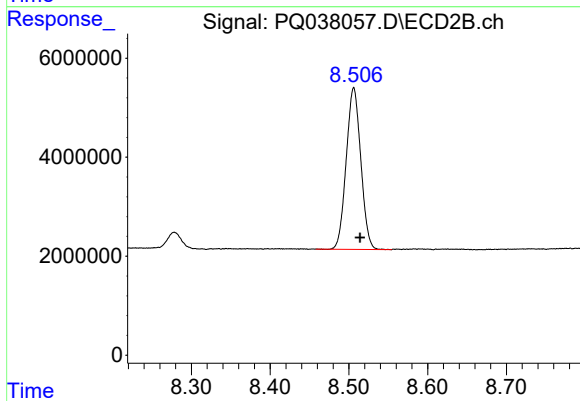
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: -0.002 min
Response: 67559277
Conc: 21.87 ng/ml



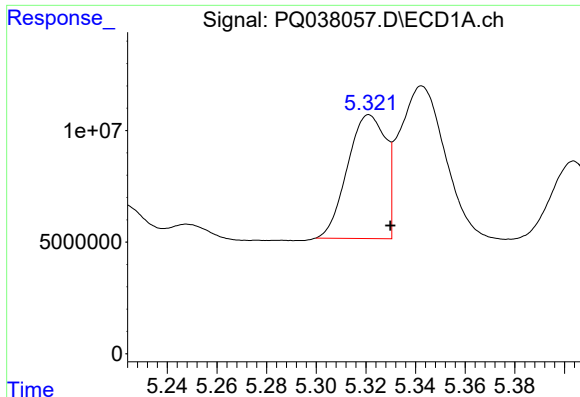
#2 Decachlorobiphenyl

R.T.: 9.595 min
Delta R.T.: -0.017 min
Response: 89927616
Conc: 18.65 ng/ml



#2 Decachlorobiphenyl

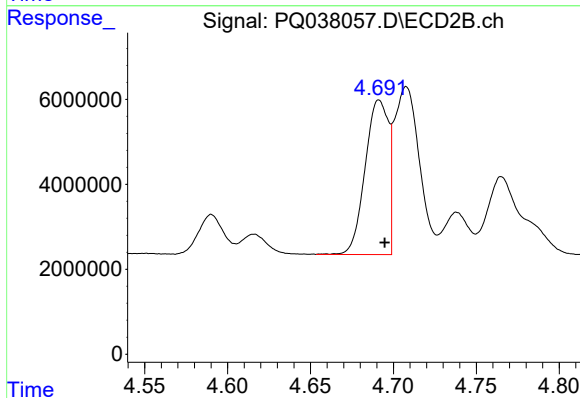
R.T.: 8.506 min
Delta R.T.: -0.008 min
Response: 41992378
Conc: 18.76 ng/ml



#3 AR-1016-1

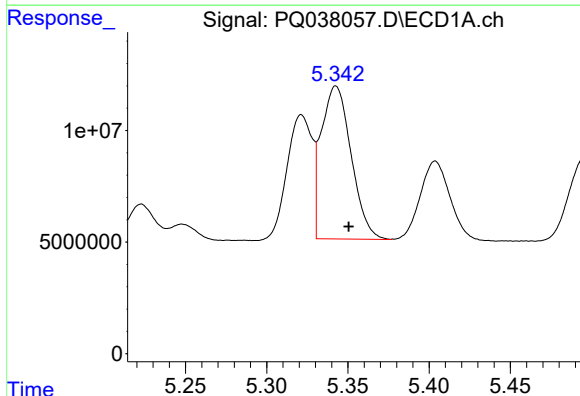
R.T.: 5.321 min
Delta R.T.: -0.009 min
Response: 59142033
Conc: 293.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



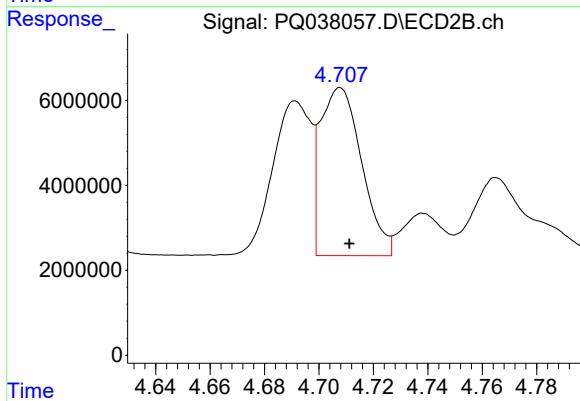
#3 AR-1016-1

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 35619182
Conc: 316.58 ng/ml



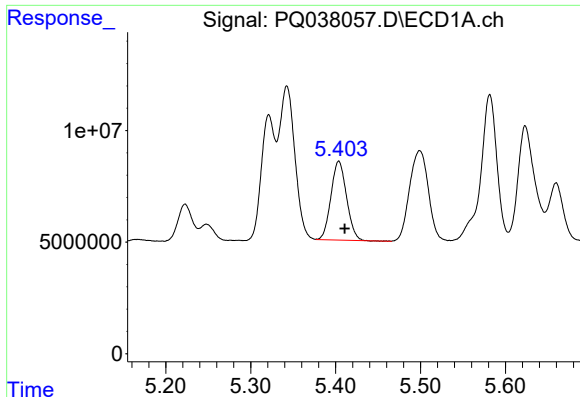
#4 AR-1016-2

R.T.: 5.343 min
Delta R.T.: -0.008 min
Response: 87904395
Conc: 280.10 ng/ml



#4 AR-1016-2

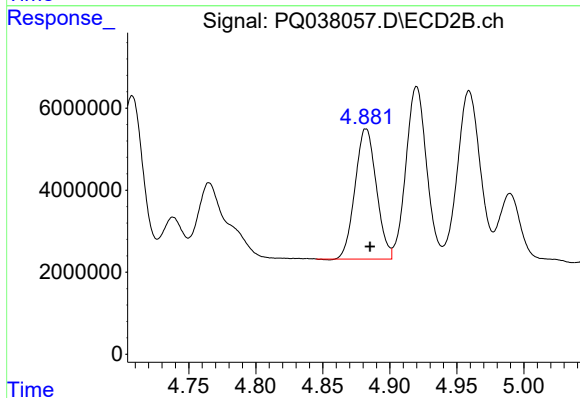
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 41755939
Conc: 246.50 ng/ml



#5 AR-1016-3

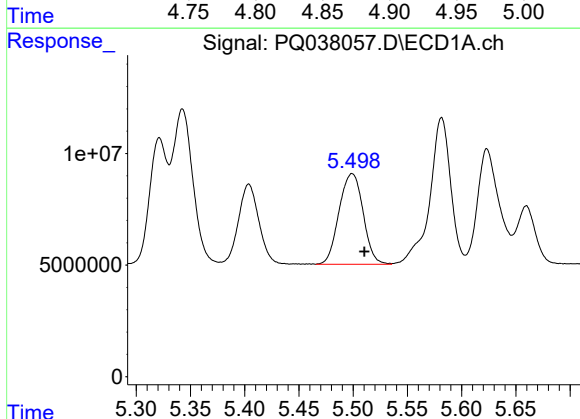
R.T.: 5.404 min
Delta R.T.: -0.007 min
Response: 45204010
Conc: 248.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



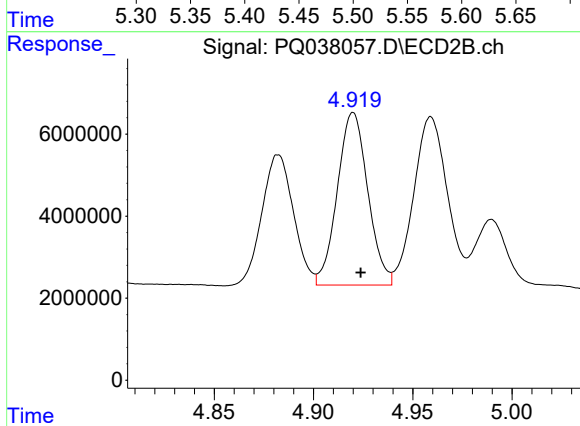
#5 AR-1016-3

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 35131301
Conc: 407.59 ng/ml



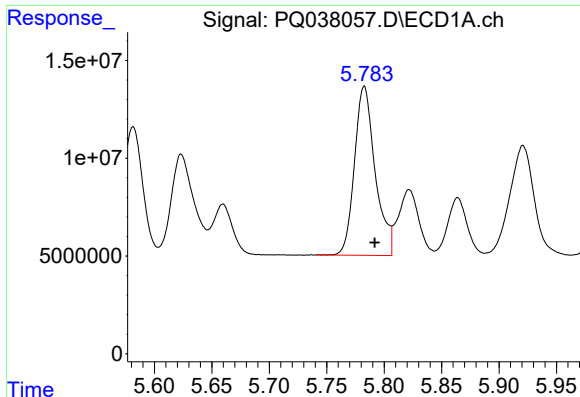
#6 AR-1016-4

R.T.: 5.499 min
Delta R.T.: -0.011 min
Response: 62648046
Conc: 418.78 ng/ml



#6 AR-1016-4

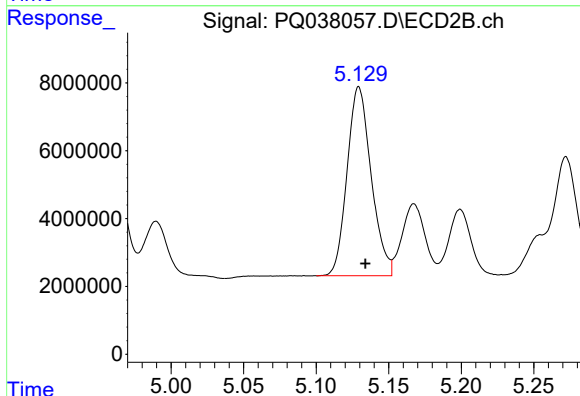
R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 45015038
Conc: 650.71 ng/ml



#7 AR-1016-5

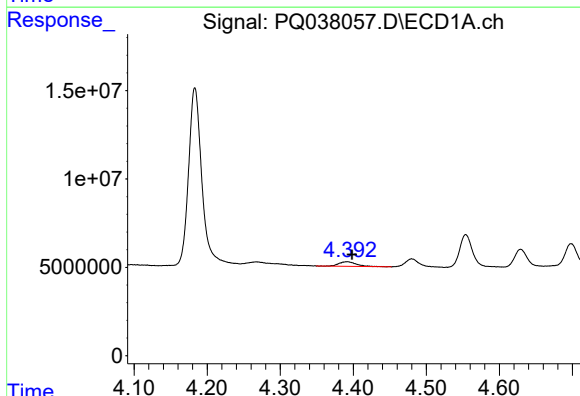
R.T.: 5.783 min
Delta R.T.: -0.009 min
Response: 108290737
Conc: 745.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



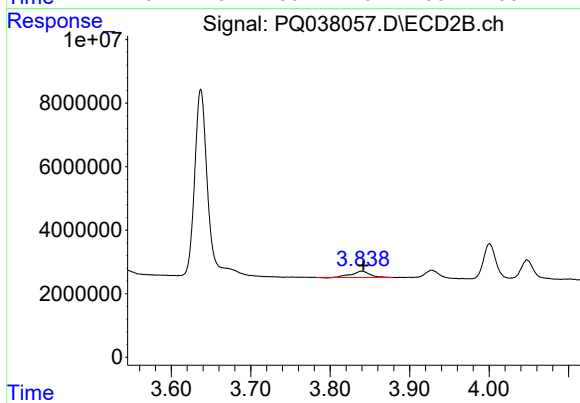
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.005 min
Response: 64366604
Conc: 738.42 ng/ml



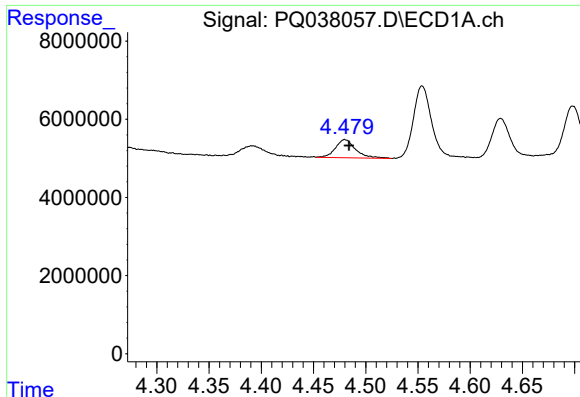
#8 AR-1221-1

R.T.: 4.392 min
Delta R.T.: -0.007 min
Response: 4425942
Conc: 69.75 ng/ml



#8 AR-1221-1

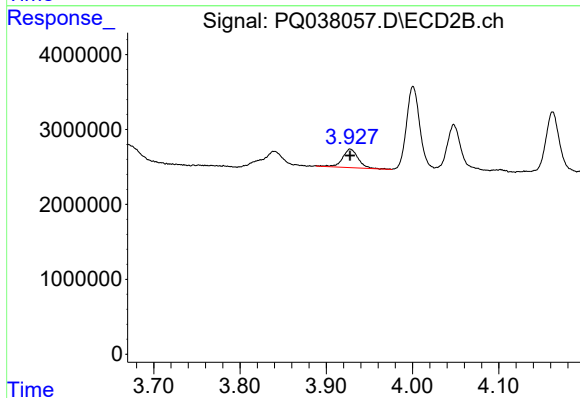
R.T.: 3.840 min
Delta R.T.: -0.002 min
Response: 3245121
Conc: 94.59 ng/ml



#9 AR-1221-2

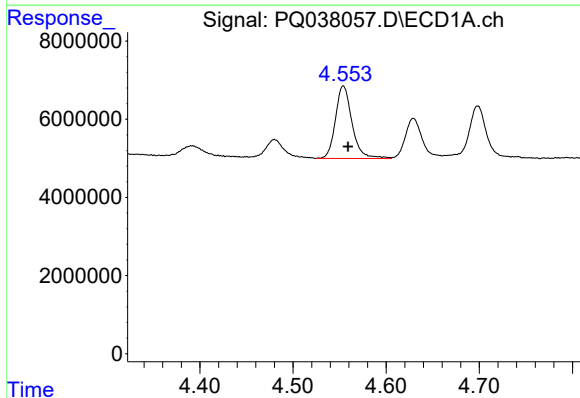
R.T.: 4.480 min
Delta R.T.: -0.004 min
Response: 6219222
Conc: 134.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



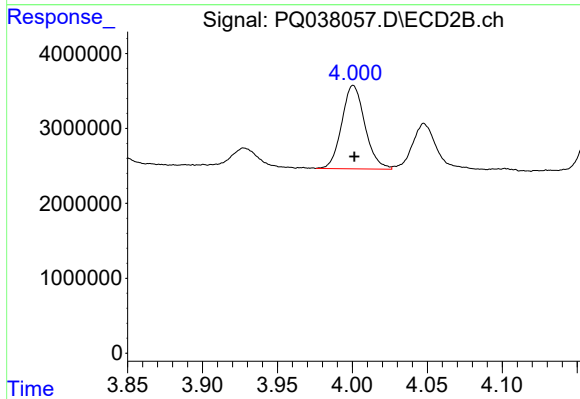
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 3098701
Conc: 120.76 ng/ml



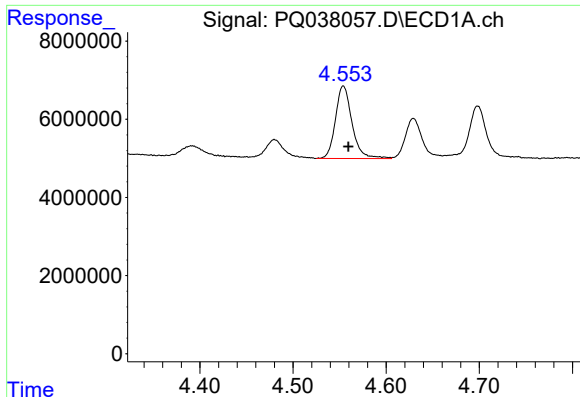
#10 AR-1221-3

R.T.: 4.554 min
Delta R.T.: -0.005 min
Response: 22930764
Conc: 150.03 ng/ml



#10 AR-1221-3

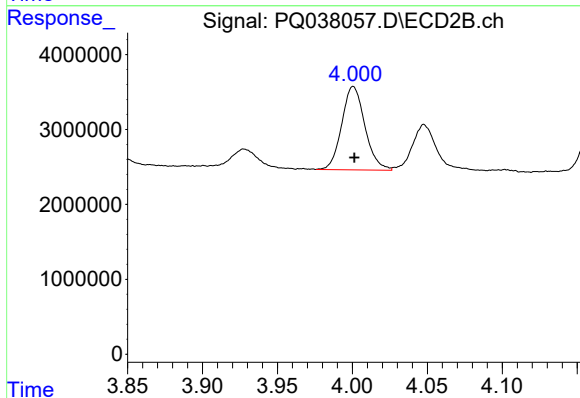
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 11984078
Conc: 140.10 ng/ml



#11 AR-1232-1

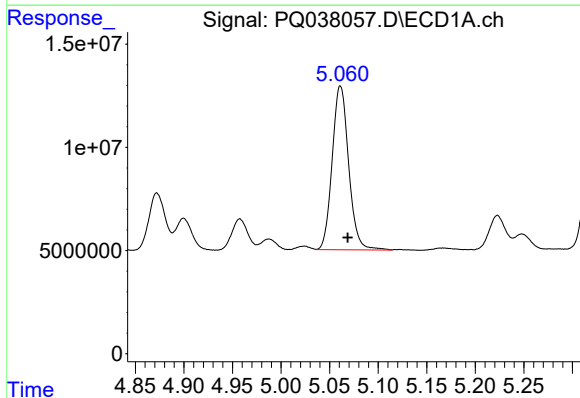
R.T.: 4.554 min
Delta R.T.: -0.005 min
Response: 22930764
Conc: 184.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



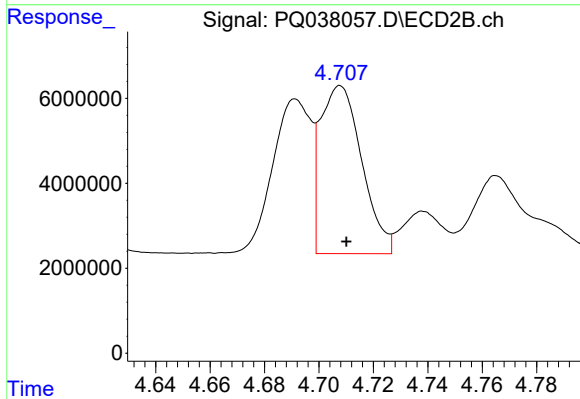
#11 AR-1232-1

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 11984078
Conc: 178.77 ng/ml



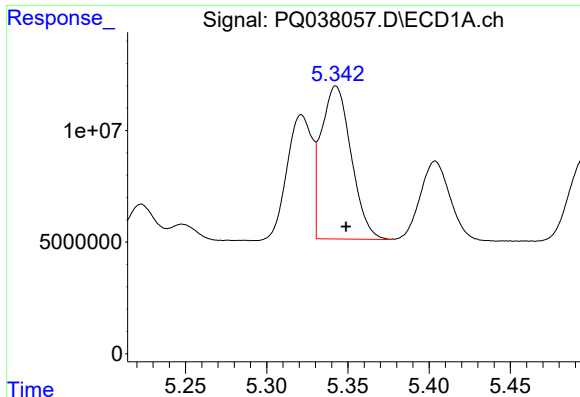
#12 AR-1232-2

R.T.: 5.061 min
Delta R.T.: -0.007 min
Response: 93783308
Conc: 1592.65 ng/ml



#12 AR-1232-2

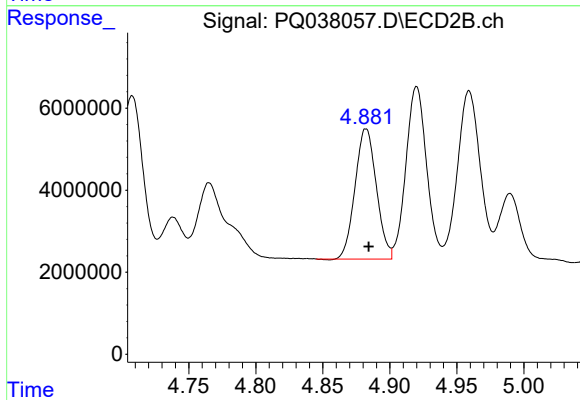
R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 41755939
Conc: 590.58 ng/ml



#13 AR-1232-3

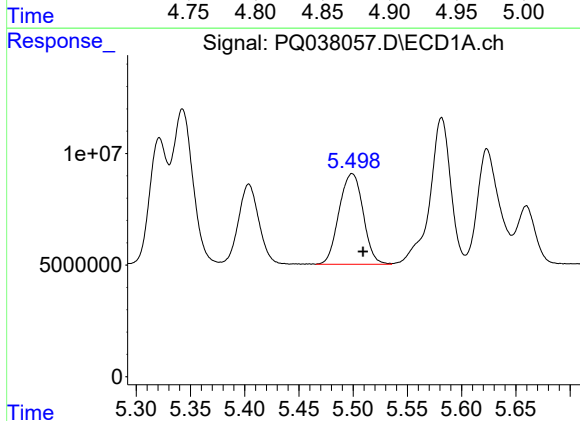
R.T.: 5.343 min
Delta R.T.: -0.006 min
Response: 87904395
Conc: 711.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



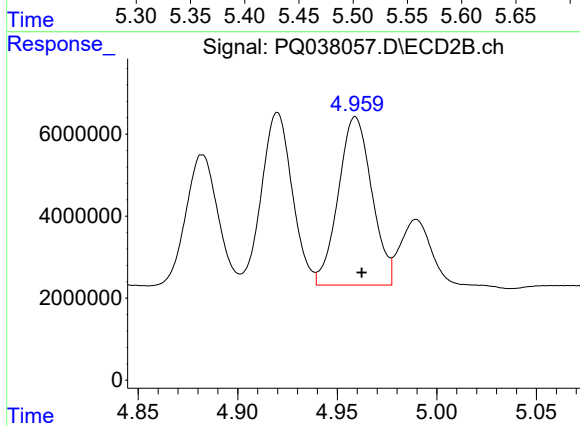
#13 AR-1232-3

R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 35131301
Conc: 1050.84 ng/ml



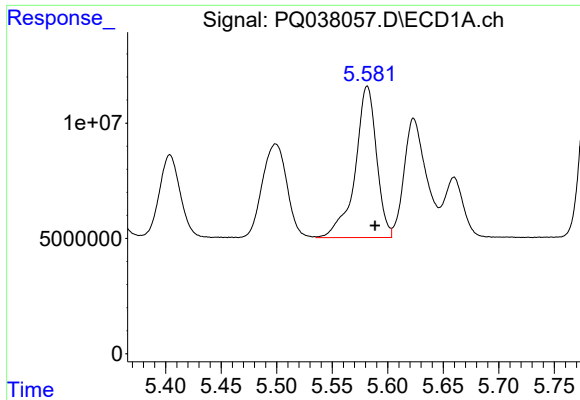
#14 AR-1232-4

R.T.: 5.499 min
Delta R.T.: -0.010 min
Response: 62648046
Conc: 1075.62 ng/ml



#14 AR-1232-4

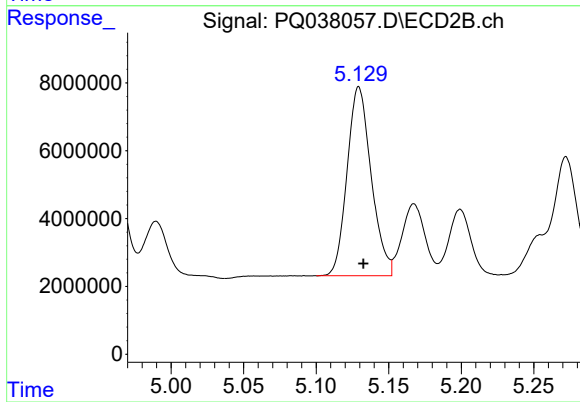
R.T.: 4.959 min
Delta R.T.: -0.003 min
Response: 48061169
Conc: 1670.06 ng/ml



#15 AR-1232-5

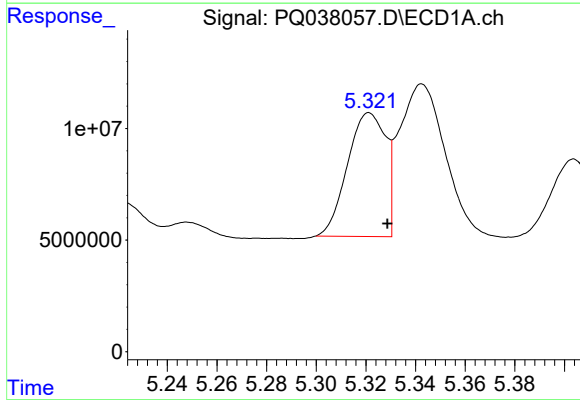
R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 87966782
Conc: 2057.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



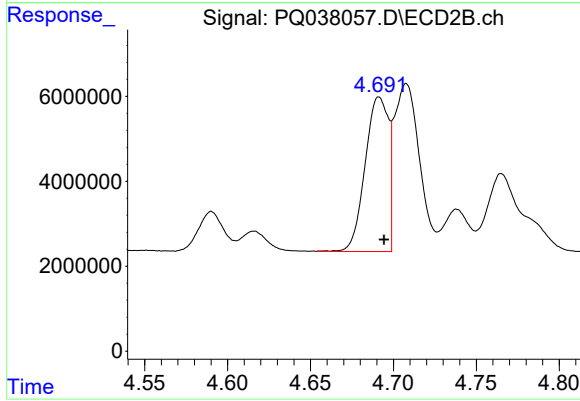
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: -0.003 min
Response: 64366604
Conc: 2030.57 ng/ml



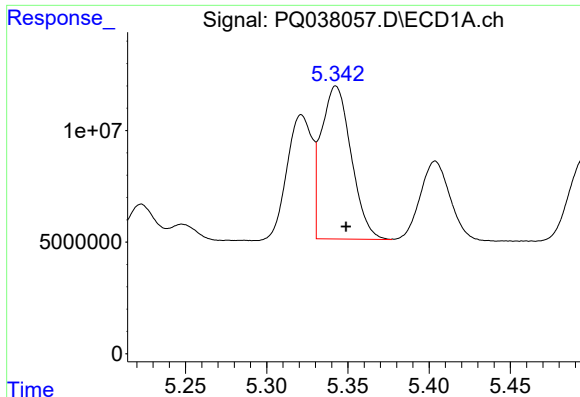
#16 AR-1242-1

R.T.: 5.321 min
Delta R.T.: -0.007 min
Response: 59142033
Conc: 359.91 ng/ml



#16 AR-1242-1

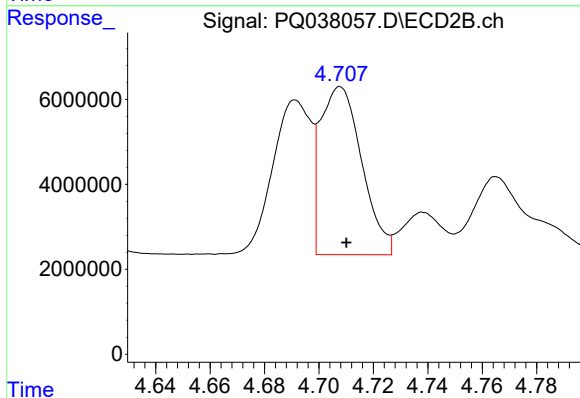
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 35619182
Conc: 388.17 ng/ml



#17 AR-1242-2

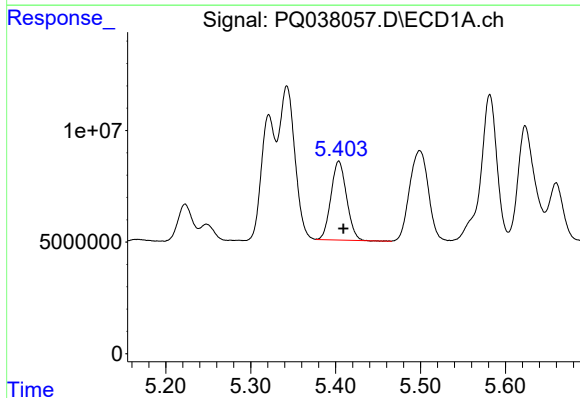
R.T.: 5.343 min
Delta R.T.: -0.006 min
Response: 87904395
Conc: 344.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



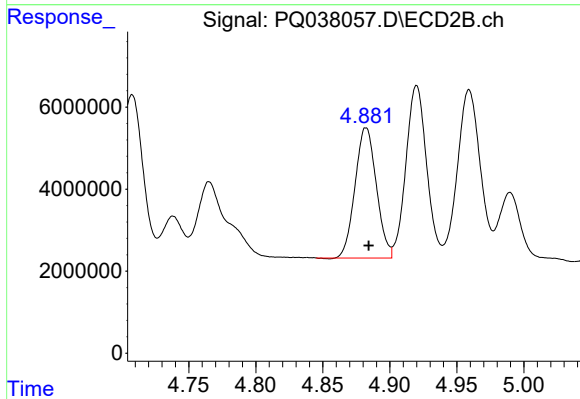
#17 AR-1242-2

R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 41755939
Conc: 298.83 ng/ml



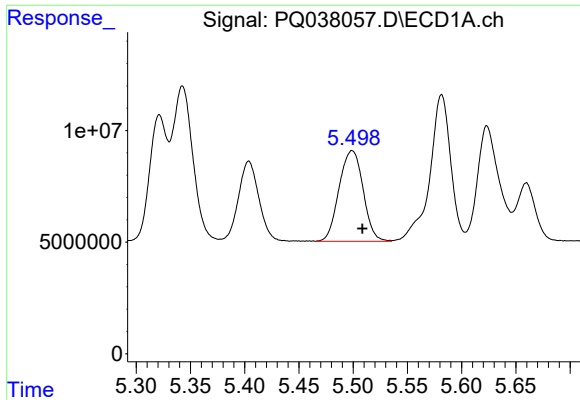
#18 AR-1242-3

R.T.: 5.404 min
Delta R.T.: -0.005 min
Response: 45204010
Conc: 306.50 ng/ml



#18 AR-1242-3

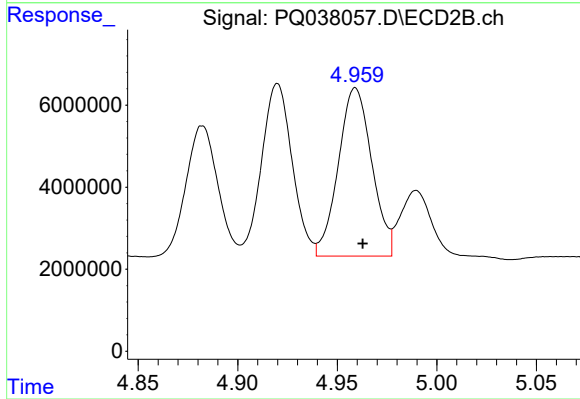
R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 35131301
Conc: 508.36 ng/ml



#19 AR-1242-4

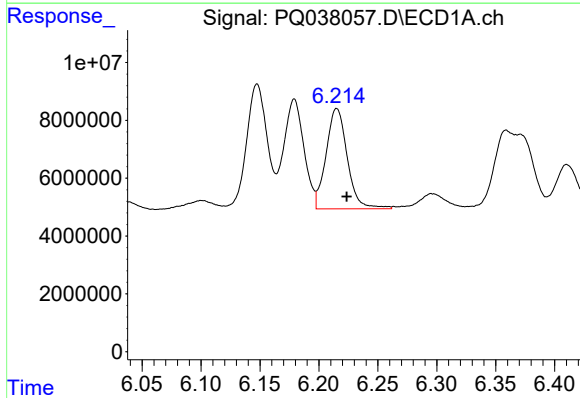
R.T.: 5.499 min
Delta R.T.: -0.009 min
Response: 62648046
Conc: 511.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



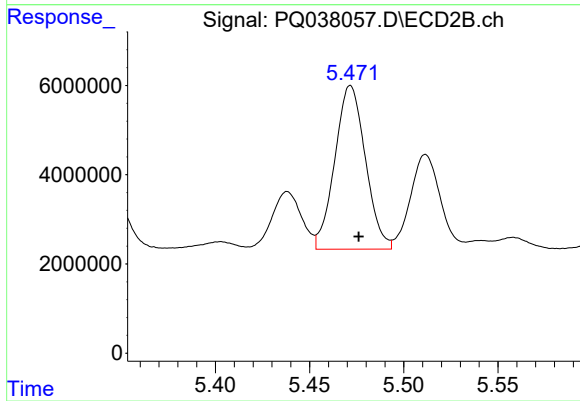
#19 AR-1242-4

R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 48061169
Conc: 752.94 ng/ml



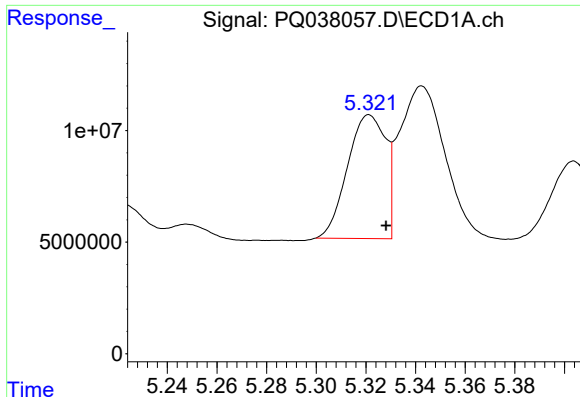
#20 AR-1242-5

R.T.: 6.215 min
Delta R.T.: -0.008 min
Response: 43529498
Conc: 318.58 ng/ml



#20 AR-1242-5

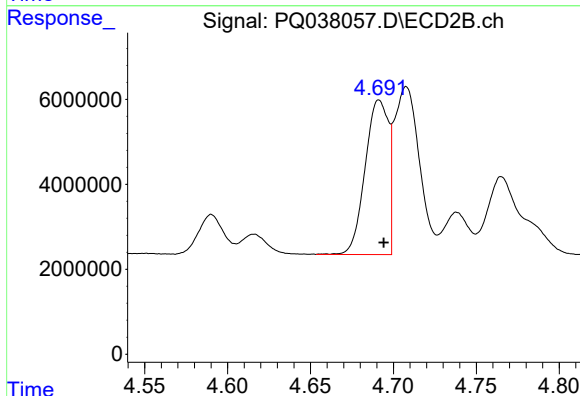
R.T.: 5.472 min
Delta R.T.: -0.004 min
Response: 41480452
Conc: 479.88 ng/ml



#21 AR-1248-1

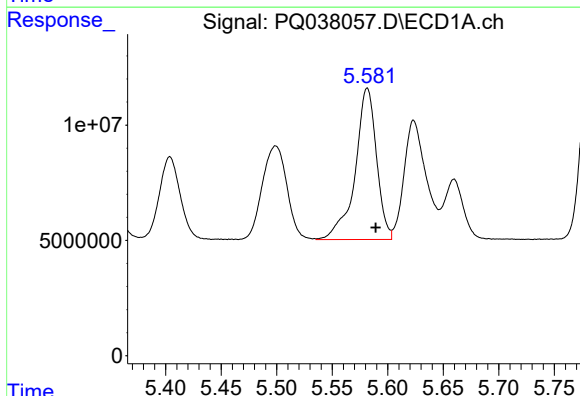
R.T.: 5.321 min
Delta R.T.: -0.007 min
Response: 59142033
Conc: 373.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



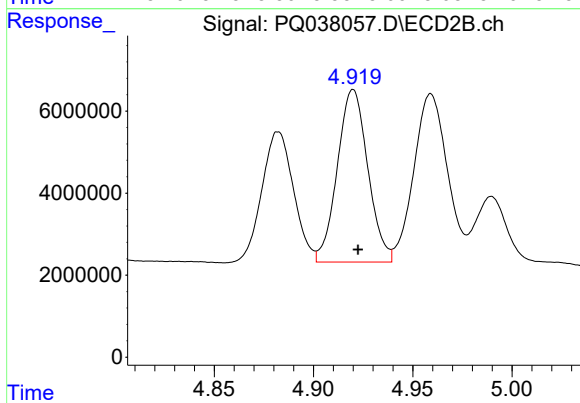
#21 AR-1248-1

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 35619182
Conc: 386.18 ng/ml



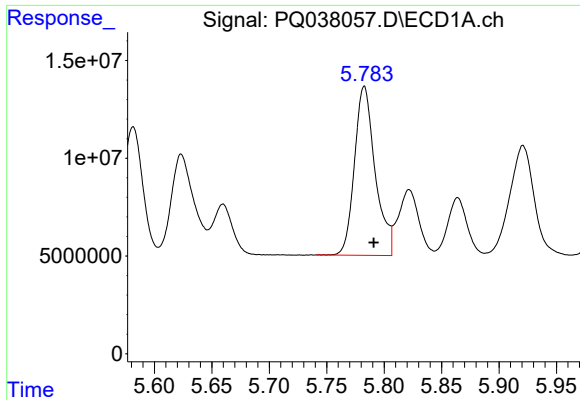
#22 AR-1248-2

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 87966782
Conc: 401.89 ng/ml



#22 AR-1248-2

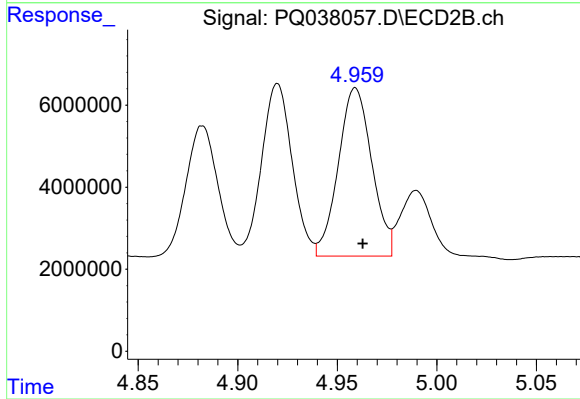
R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 45015038
Conc: 375.85 ng/ml



#23 AR-1248-3

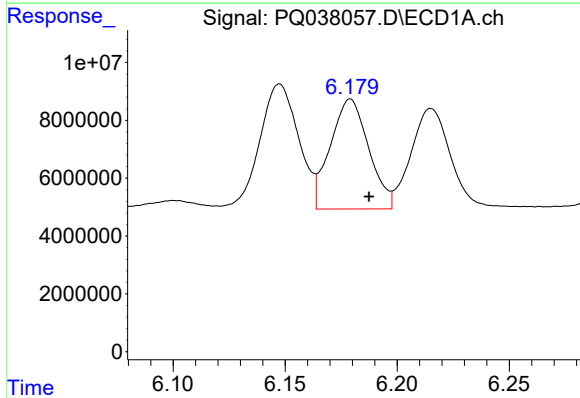
R.T.: 5.783 min
Delta R.T.: -0.008 min
Response: 108290737
Conc: 440.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



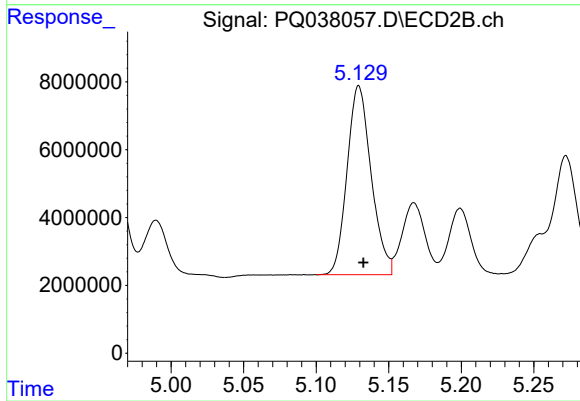
#23 AR-1248-3

R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 48061169
Conc: 396.02 ng/ml



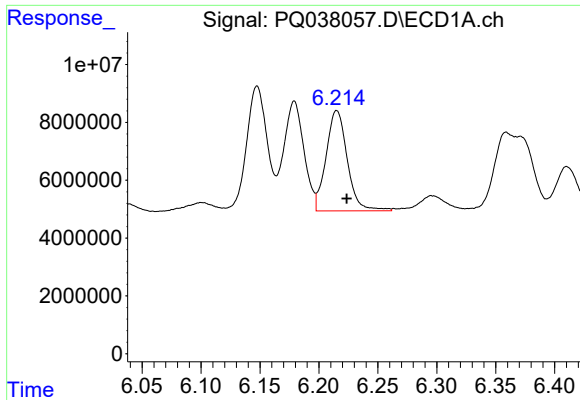
#24 AR-1248-4

R.T.: 6.179 min
Delta R.T.: -0.008 min
Response: 45448123
Conc: 162.48 ng/ml



#24 AR-1248-4

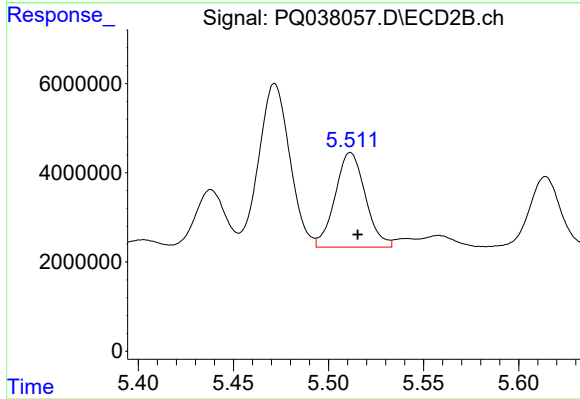
R.T.: 5.129 min
Delta R.T.: -0.003 min
Response: 64366604
Conc: 432.87 ng/ml



#25 AR-1248-5

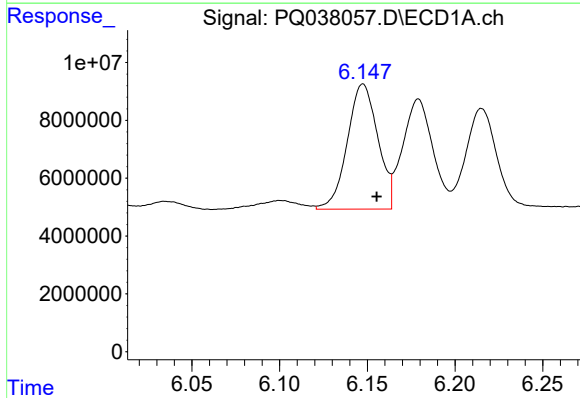
R.T.: 6.215 min
Delta R.T.: -0.008 min
Response: 43529498
Conc: 164.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



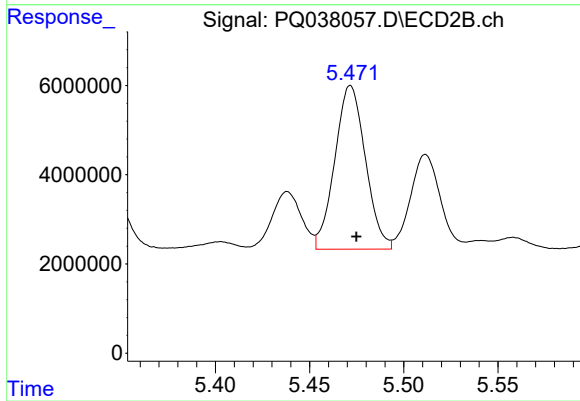
#25 AR-1248-5

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 23467137
Conc: 161.33 ng/ml



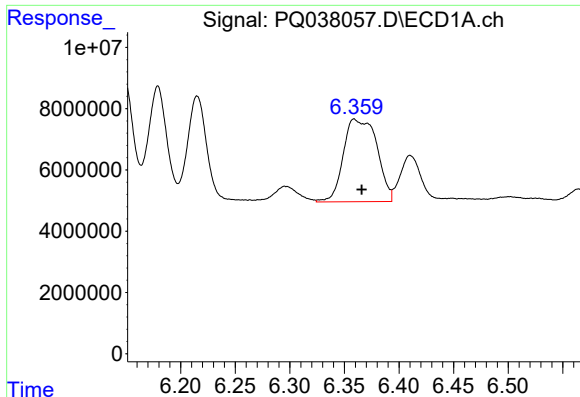
#26 AR-1254-1

R.T.: 6.148 min
Delta R.T.: -0.008 min
Response: 52458355
Conc: 267.02 ng/ml



#26 AR-1254-1

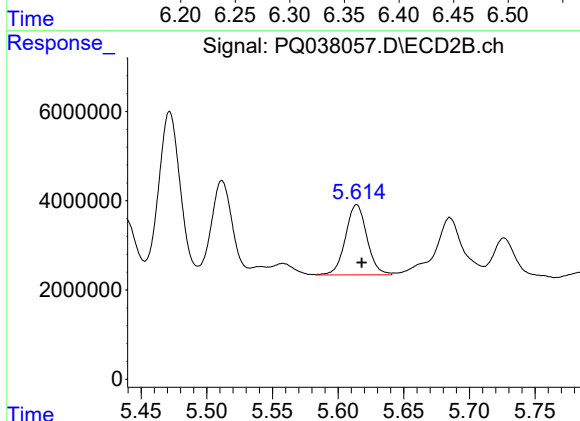
R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 41480452
Conc: 269.29 ng/ml



#27 AR-1254-2

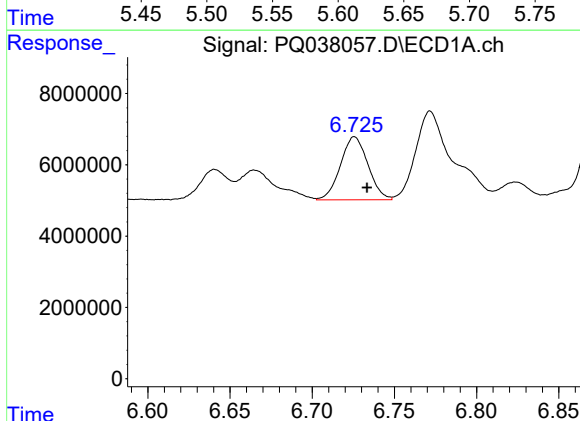
R.T.: 6.359 min
Delta R.T.: -0.007 min
Response: 57628218
Conc: 188.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



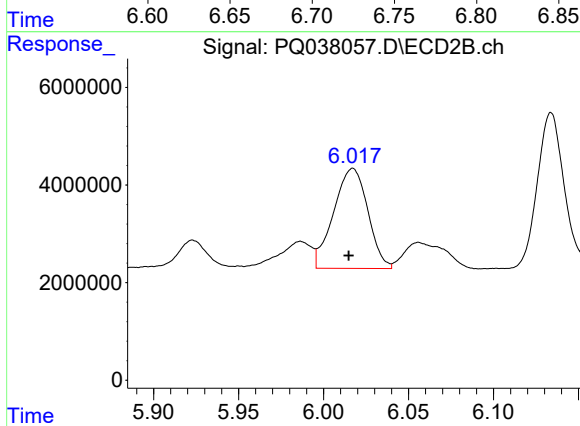
#27 AR-1254-2

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 17925198
Conc: 138.16 ng/ml



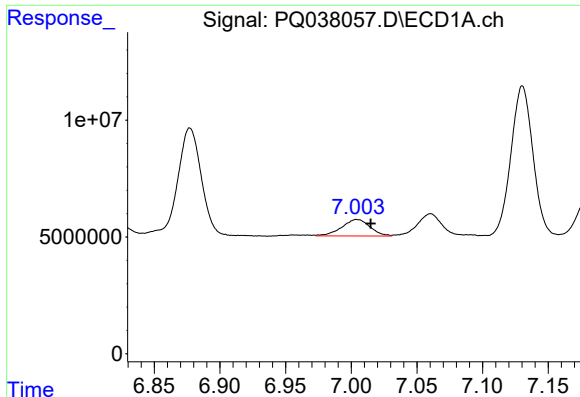
#28 AR-1254-3

R.T.: 6.726 min
Delta R.T.: -0.008 min
Response: 20624324
Conc: 66.23 ng/ml



#28 AR-1254-3

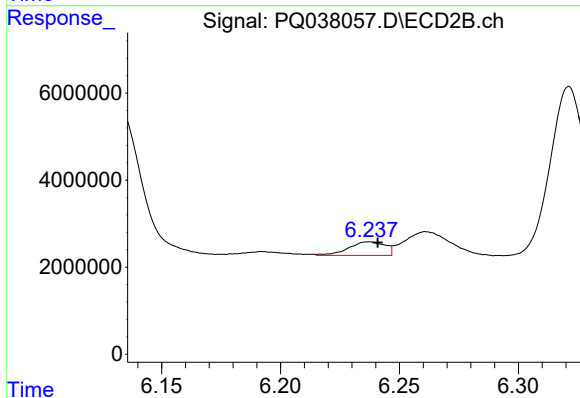
R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 28746700
Conc: 135.91 ng/ml



#29 AR-1254-4

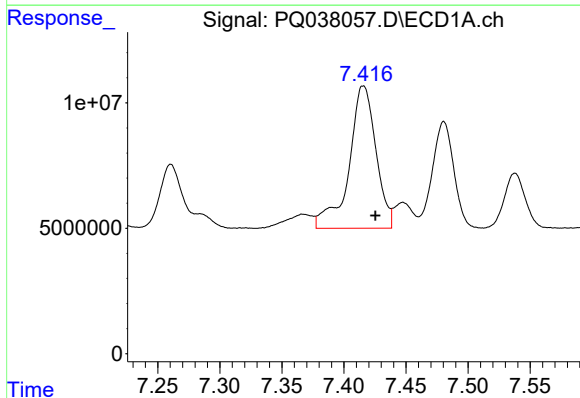
R.T.: 7.004 min
Delta R.T.: -0.010 min
Response: 10634217
Conc: 41.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



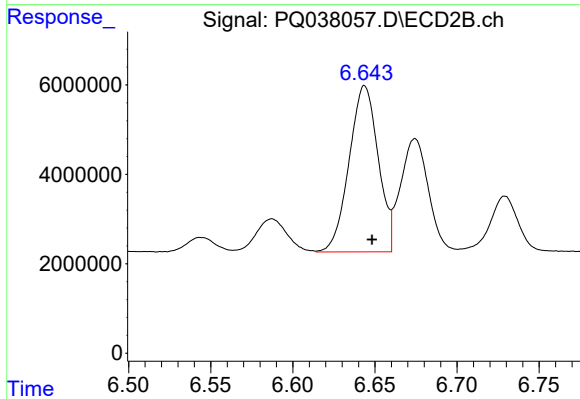
#29 AR-1254-4

R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 3333417
Conc: 20.78 ng/ml



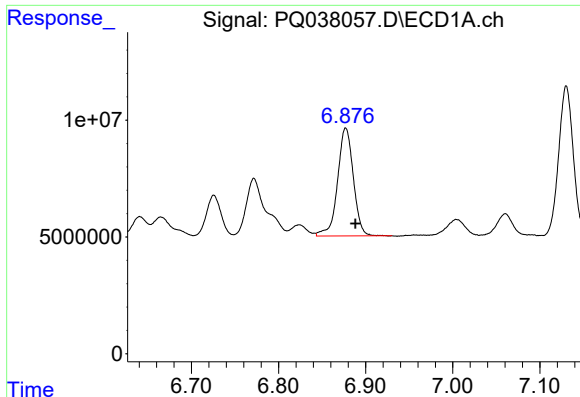
#30 AR-1254-5

R.T.: 7.416 min
Delta R.T.: -0.010 min
Response: 85790340
Conc: 290.75 ng/ml



#30 AR-1254-5

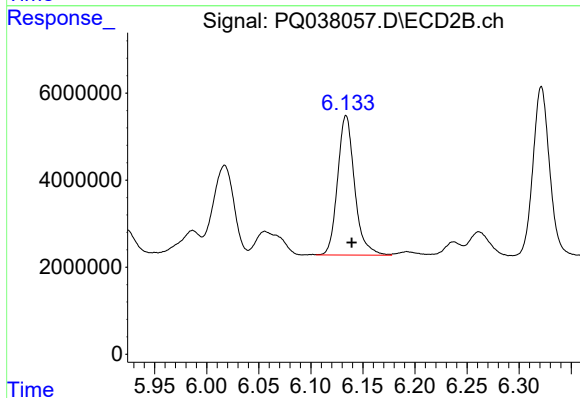
R.T.: 6.644 min
Delta R.T.: -0.004 min
Response: 45793096
Conc: 263.24 ng/ml



#31 AR-1260-1

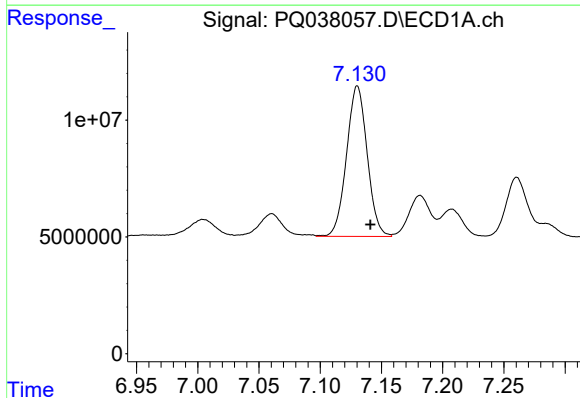
R.T.: 6.877 min
Delta R.T.: -0.011 min
Response: 58178890
Conc: 224.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



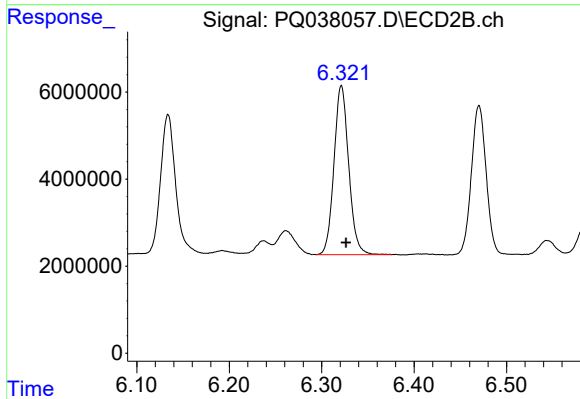
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.005 min
Response: 36330445
Conc: 234.09 ng/ml



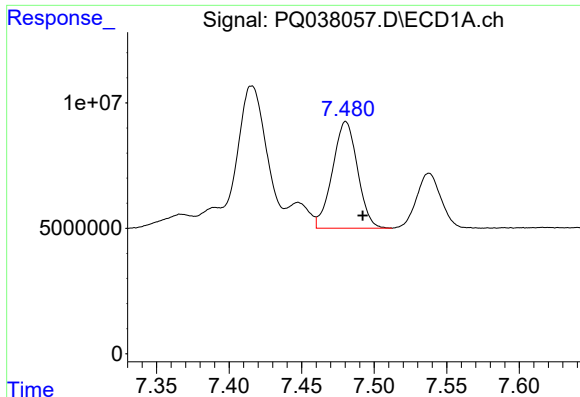
#32 AR-1260-2

R.T.: 7.130 min
Delta R.T.: -0.011 min
Response: 75568643
Conc: 219.23 ng/ml



#32 AR-1260-2

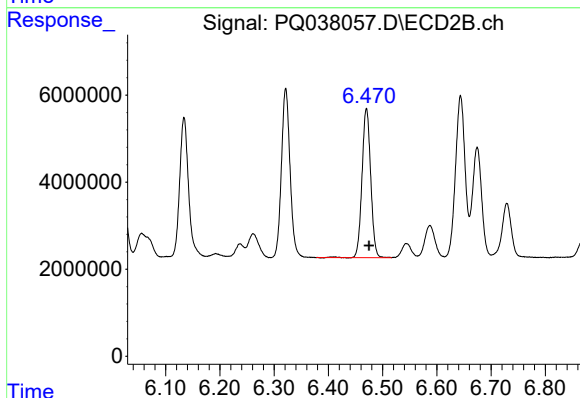
R.T.: 6.321 min
Delta R.T.: -0.005 min
Response: 42934462
Conc: 227.56 ng/ml



#33 AR-1260-3

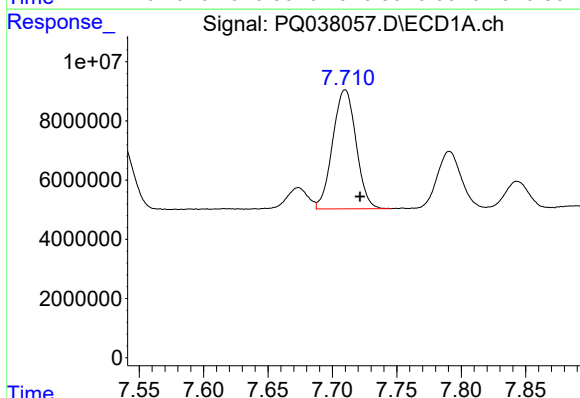
R.T.: 7.480 min
Delta R.T.: -0.012 min
Response: 51167714
Conc: 180.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



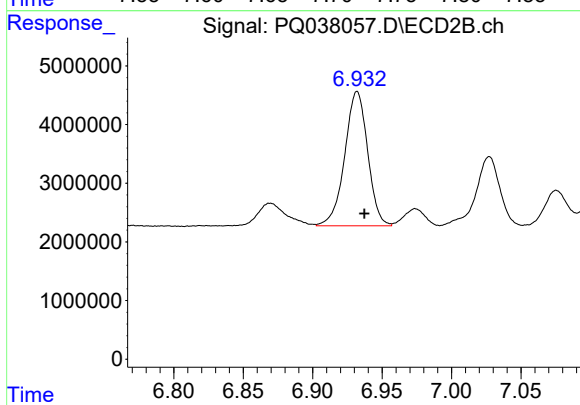
#33 AR-1260-3

R.T.: 6.470 min
Delta R.T.: -0.005 min
Response: 38152033
Conc: 224.04 ng/ml



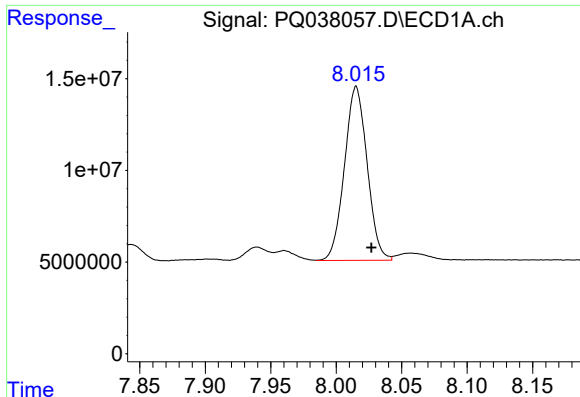
#34 AR-1260-4

R.T.: 7.710 min
Delta R.T.: -0.012 min
Response: 50937316
Conc: 189.21 ng/ml



#34 AR-1260-4

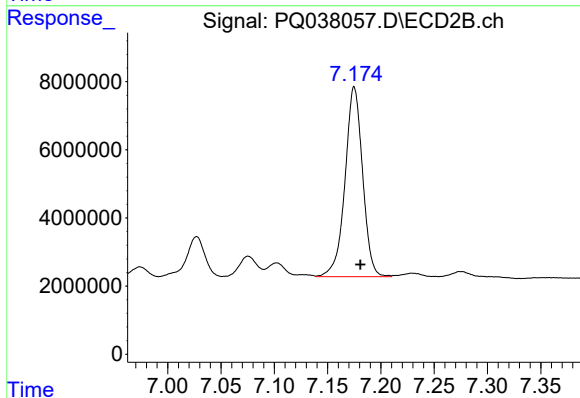
R.T.: 6.932 min
Delta R.T.: -0.005 min
Response: 26399478
Conc: 189.30 ng/ml



#35 AR-1260-5

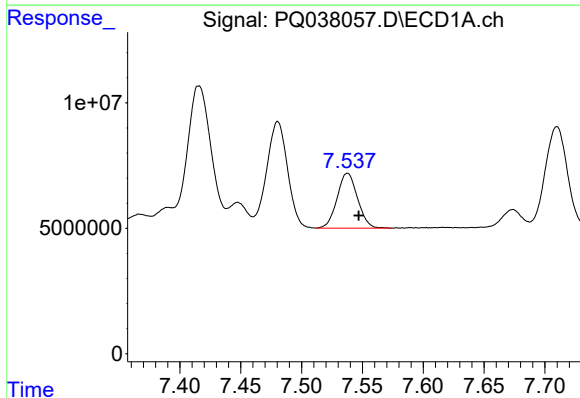
R.T.: 8.015 min
Delta R.T.: -0.012 min
Response: 114356767
Conc: 181.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



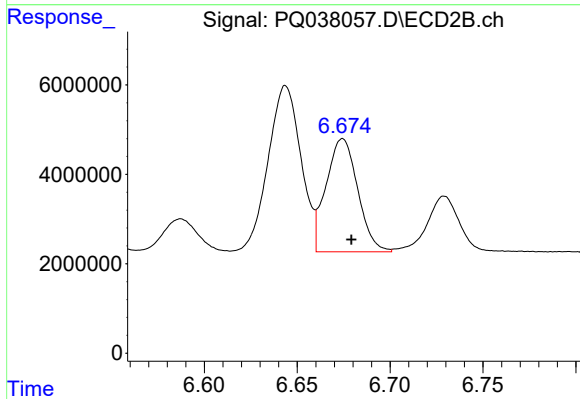
#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: -0.006 min
Response: 64129424
Conc: 193.36 ng/ml



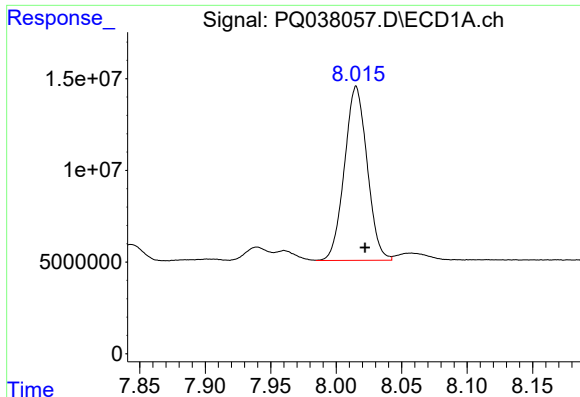
#36 AR-1262-1

R.T.: 7.538 min
Delta R.T.: -0.009 min
Response: 25593253
Conc: 165.72 ng/ml



#36 AR-1262-1

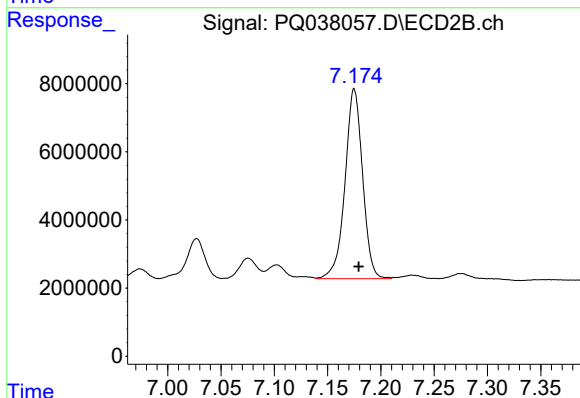
R.T.: 6.674 min
Delta R.T.: -0.005 min
Response: 30065511
Conc: 142.34 ng/ml



#37 AR-1262-2

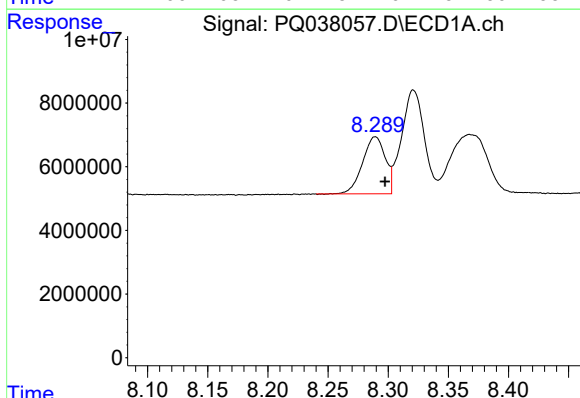
R.T.: 8.015 min
Delta R.T.: -0.007 min
Response: 114356767
Conc: 163.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



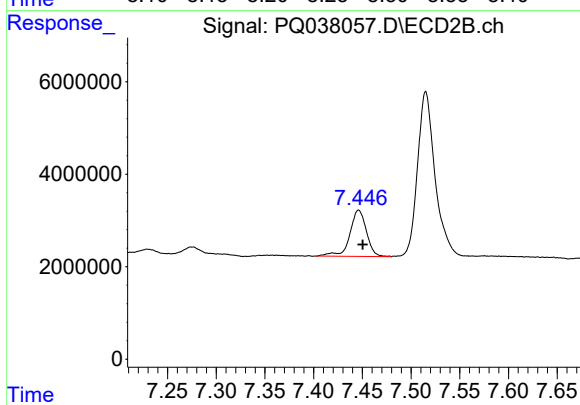
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 64129424
Conc: 170.64 ng/ml



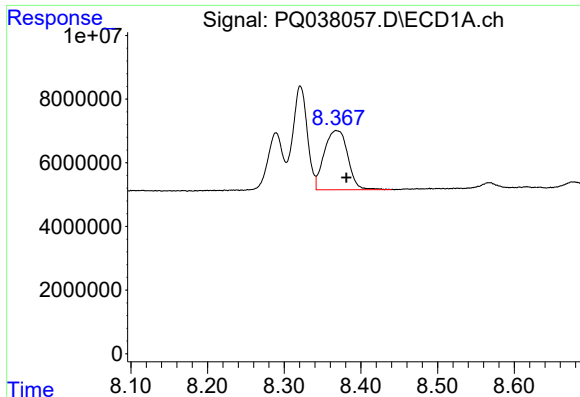
#38 AR-1262-3

R.T.: 8.289 min
Delta R.T.: -0.008 min
Response: 23476860
Conc: 78.33 ng/ml



#38 AR-1262-3

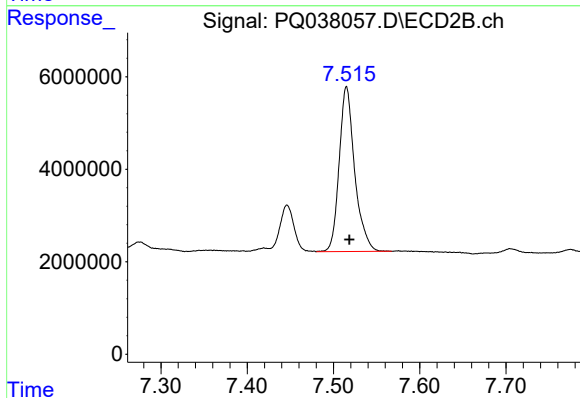
R.T.: 7.446 min
Delta R.T.: -0.004 min
Response: 11883646
Conc: 80.40 ng/ml



#39 AR-1262-4

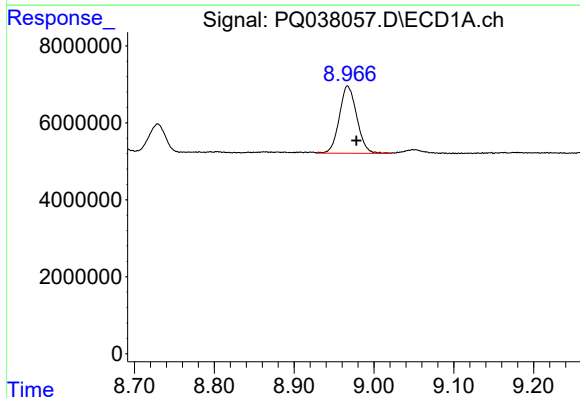
R.T.: 8.368 min
Delta R.T.: -0.013 min
Response: 39703358
Conc: 114.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



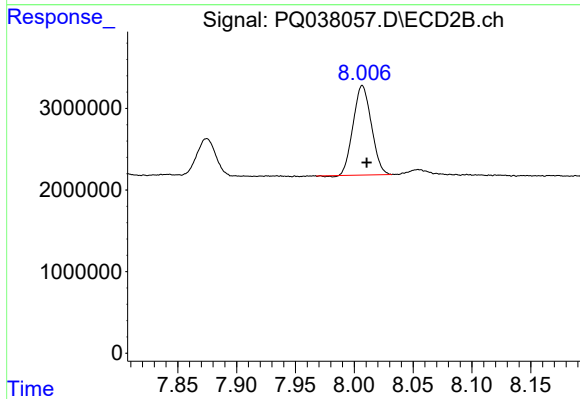
#39 AR-1262-4

R.T.: 7.515 min
Delta R.T.: -0.004 min
Response: 44603251
Conc: 166.28 ng/ml



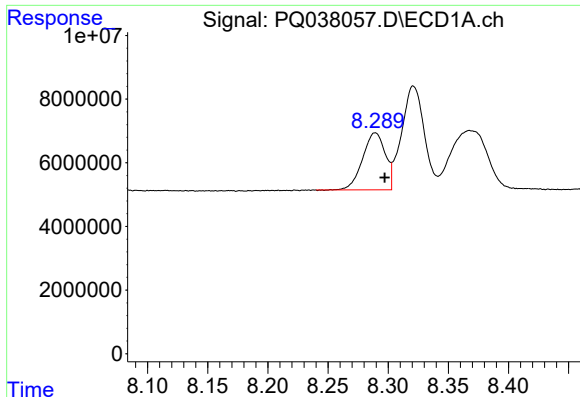
#40 AR-1262-5

R.T.: 8.967 min
Delta R.T.: -0.011 min
Response: 26537395
Conc: 111.06 ng/ml



#40 AR-1262-5

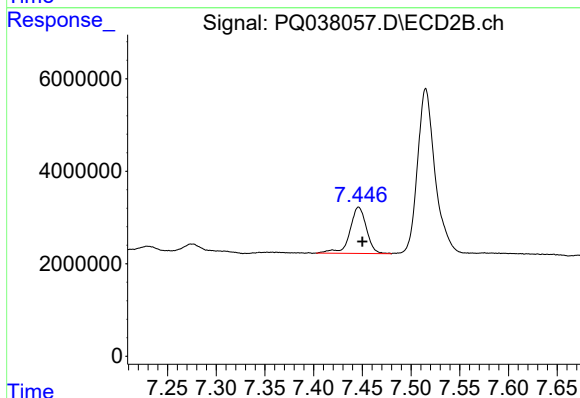
R.T.: 8.007 min
Delta R.T.: -0.004 min
Response: 11807736
Conc: 103.78 ng/ml



#41 AR-1268-1

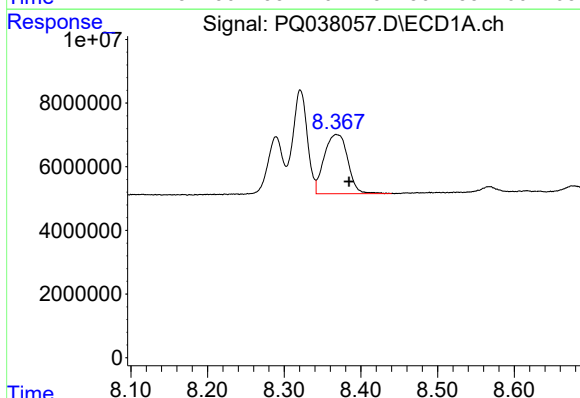
R.T.: 8.289 min
Delta R.T.: -0.008 min
Response: 23476860
Conc: 28.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



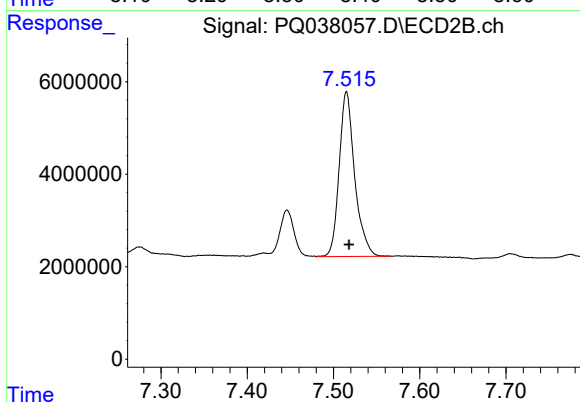
#41 AR-1268-1

R.T.: 7.446 min
Delta R.T.: -0.004 min
Response: 11883646
Conc: 29.37 ng/ml



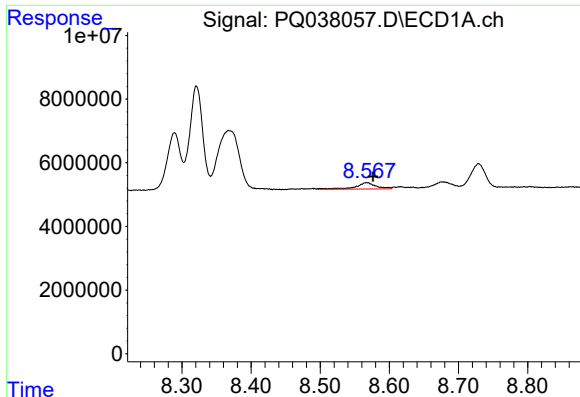
#42 AR-1268-2

R.T.: 8.368 min
Delta R.T.: -0.017 min
Response: 39703358
Conc: 53.17 ng/ml



#42 AR-1268-2

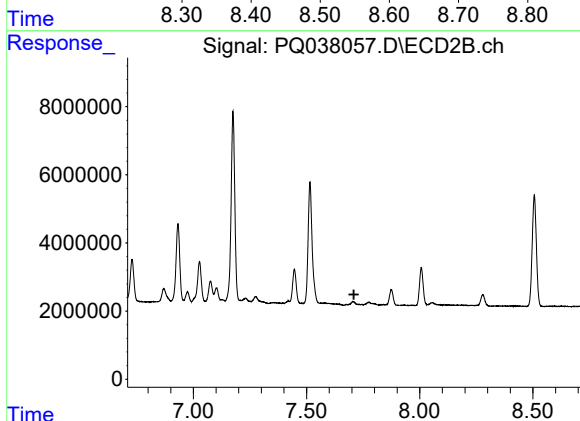
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 44603251
Conc: 119.14 ng/ml



#43 AR-1268-3

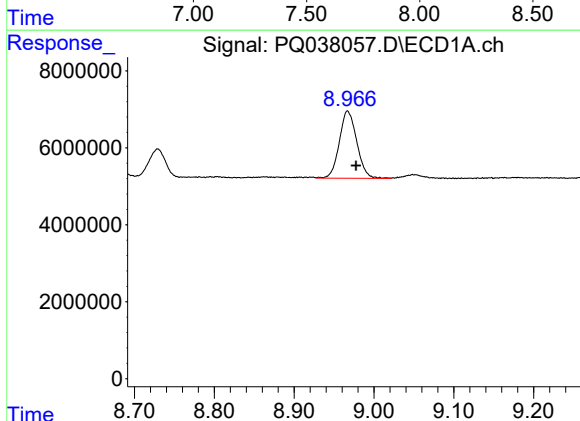
R.T.: 8.568 min
Delta R.T.: -0.009 min
Response: 4120322
Conc: 6.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



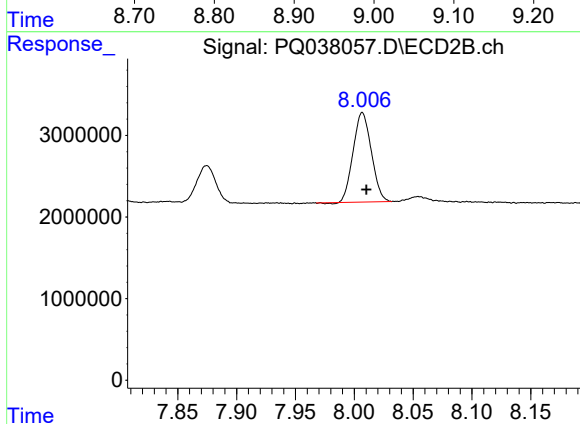
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



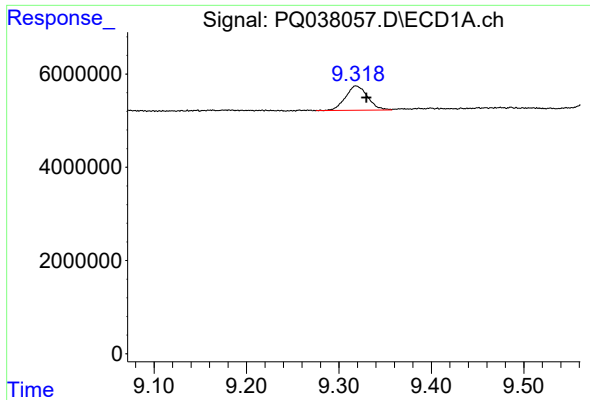
#44 AR-1268-4

R.T.: 8.967 min
Delta R.T.: -0.010 min
Response: 26537395
Conc: 102.52 ng/ml



#44 AR-1268-4

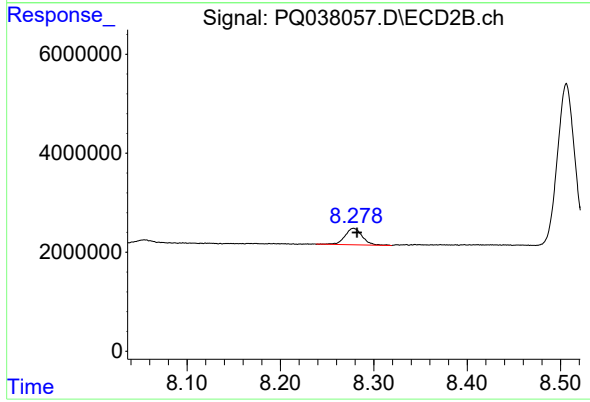
R.T.: 8.007 min
Delta R.T.: -0.003 min
Response: 11807736
Conc: 94.54 ng/ml



#45 AR-1268-5

R.T.: 9.319 min
Delta R.T.: -0.011 min
Response: 8680638
Conc: 4.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 4298820
Conc: 4.54 ng/ml