

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082218\
 Data File : PQ031306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2018 08:57
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 09:12:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 22 08:49:07 2018
 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...	4.618	3.882	104.7E6	91592498	50.320	51.173
2)	SA Decachlor...	10.494	8.978	79222300	83384231	41.955	43.863
Target Compounds							
3)	L1 AR-1016-1	5.530	4.763	25720133	23857047	527.082	538.398
4)	L1 AR-1016-2	5.884	4.984	31448071	33935067	496.506	544.781
5)	L1 AR-1016-3	5.984	5.004	25902673	47449986	506.206	531.230
6)	L1 AR-1016-4	6.071	5.061	22006428	31638634	506.780	527.956
7)	L1 AR-1016-5	6.421	5.440	27302743	26387289	493.880	518.621
8)	L2 AR-1221-1	4.825	4.098	3203012	2756079	160.448	171.679
9)	L2 AR-1221-2	4.917	4.187	4593240	4001966	295.412	301.431
10)	L2 AR-1221-3	4.995	4.264	17676829	15575546	369.935	370.955
11)	L3 AR-1232-1	5.333	4.588	25341265	12889613	1299.474	1347.522
12)	L3 AR-1232-2	5.530	5.004	25720133	47449986	1404.286	1425.258
13)	L3 AR-1232-3	5.799	5.061	35599322	31638634	1360.087	1367.363
14)	L3 AR-1232-4	5.884	5.265	31448071	23815264	1226.852	1478.803
15)	L3 AR-1232-5	6.278	5.591	25881223	29427935	1423.057	1561.330
16)	L4 AR-1242-1	5.530	4.763	25720133	23857047	749.054	793.849
17)	L4 AR-1242-2	5.799	5.004	35599322	47449986	765.217	796.035
18)	L4 AR-1242-3	5.799	5.183	35599322	24858763	518.109	783.477 #
19)	L4 AR-1242-4	6.278	5.222	25881223	19116681	723.613	771.228
20)	L4 AR-1242-5	6.421	5.440	27302743	26387289	700.959	760.849
21)	L5 AR-1248-1	6.278	5.222	25881223	19116681	414.234	399.741
22)	L5 AR-1248-2	6.421	5.265	27302743	23815264	521.855	487.915
23)	L5 AR-1248-3	6.657	5.440	24382420	26387289	448.689	445.879
24)	L5 AR-1248-4	6.657	5.794	24382420	26902082	338.391	302.831
25)	L5 AR-1248-5	6.874	5.835	20186532	6688511	280.671	110.508 #
26)	L6 AR-1254-1	6.657	5.794	24382420	26902082	289.906	250.673
27)	L6 AR-1254-2	6.874	5.940	20186532	19417084	152.265	206.637 #
28)	L6 AR-1254-3	7.158	6.362	3367990	42731330	41.755	266.918 #
29)	L6 AR-1254-4	7.530	6.577	8849357	2799699	82.853	28.190 #
30)	L6 AR-1254-5	7.949	6.996	67081602	67703308	588.564	486.646
31)	L7 AR-1260-1	7.407	6.479	51134686	52020597	477.182	479.912
32)	L7 AR-1260-2	7.663	6.665	59601803	63065617	466.102	483.212
33)	L7 AR-1260-3	7.900	7.032	6412678	49070858	42.890	461.588 #
34)	L7 AR-1260-4	8.592	7.534	90529048	109.6E6	425.617	455.286
35)	L7 AR-1260-5	8.936	7.884	55779271	76568524	416.368	441.027
36)	L8 AR-1262-1	7.407	6.479	51134686	52020597	581.210	598.908
37)	L8 AR-1262-2	7.663	6.665	59601803	63065617	578.452	602.149
38)	L8 AR-1262-3	7.900	7.032	6412678	49070858	64.577	333.824 #
39)	L8 AR-1262-4	8.221	7.295	6676488	45573328	51.956	343.157 #
40)	L8 AR-1262-5	8.592	7.534	90529048	109.6E6	361.336	392.419
41)	L9 AR-1268-1	8.936	7.820	55779271	21851468	226.690	81.969 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082218\
 Data File : PQ031306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2018 08:57
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

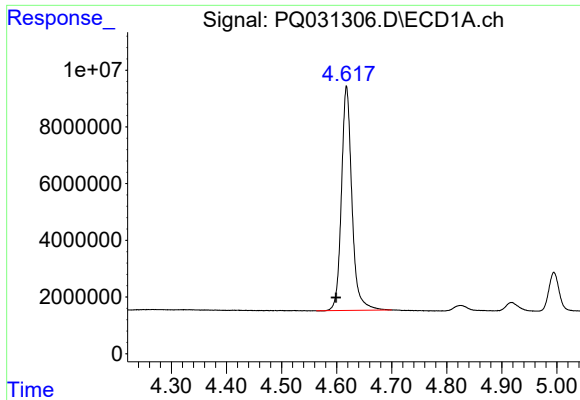
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 09:12:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 22 08:49:07 2018
 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
42) L9	AR-1268-2	8.994	7.884	32441621	76568524	145.767	316.640 #
43) L9	AR-1268-3	0.000	8.095	0	1518245	N.D.	7.537 #
44) L9	AR-1268-4	9.702	8.393	23601761	24517348	286.694	275.970
45) L9	AR-1268-5	10.139	8.703	6328147	6353336	10.483	9.773

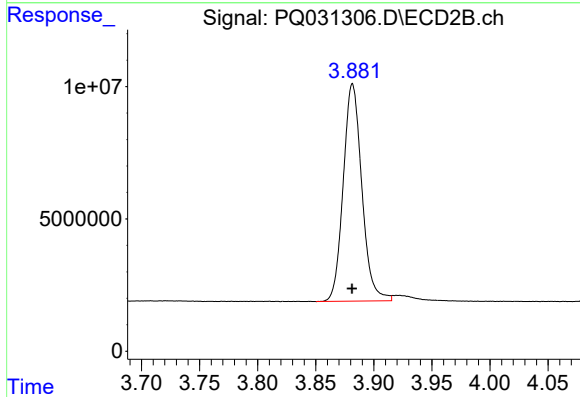
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

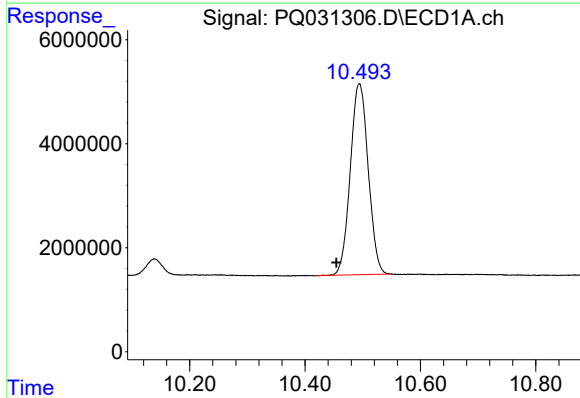
R.T.: 4.618 min
Delta R.T.: 0.019 min
Response: 104704330
Conc: 50.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



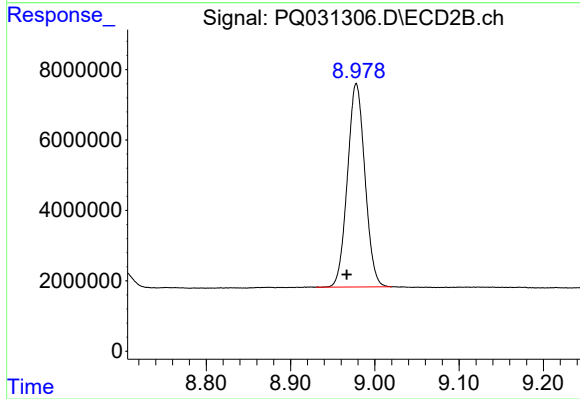
#1 Tetrachloro-m-xylene

R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 91592498
Conc: 51.17 ng/ml



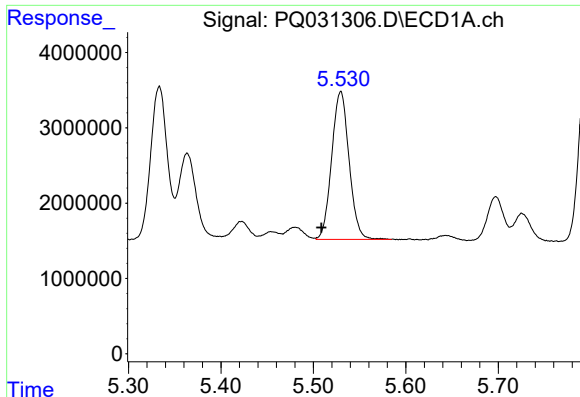
#2 Decachlorobiphenyl

R.T.: 10.494 min
Delta R.T.: 0.040 min
Response: 79222300
Conc: 41.95 ng/ml



#2 Decachlorobiphenyl

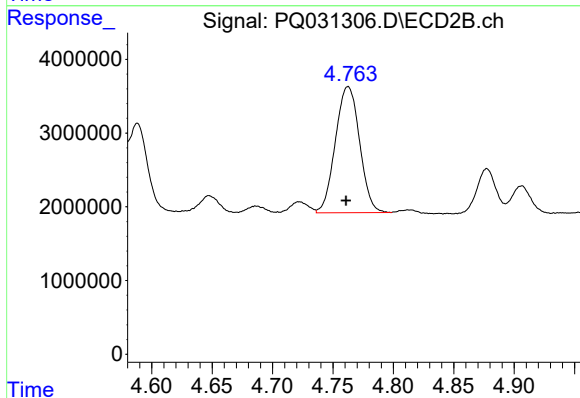
R.T.: 8.978 min
Delta R.T.: 0.011 min
Response: 83384231
Conc: 43.86 ng/ml



#3 AR-1016-1

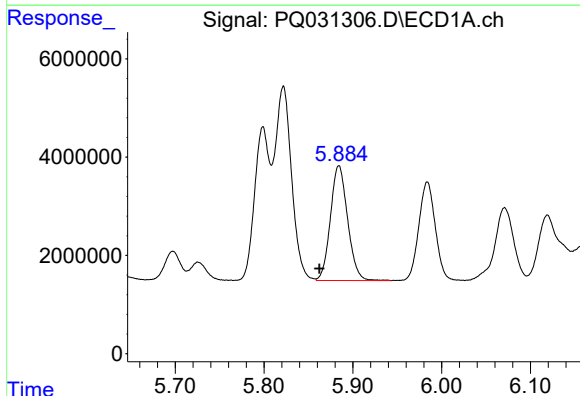
R.T.: 5.530 min
Delta R.T.: 0.021 min
Response: 25720133
Conc: 527.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



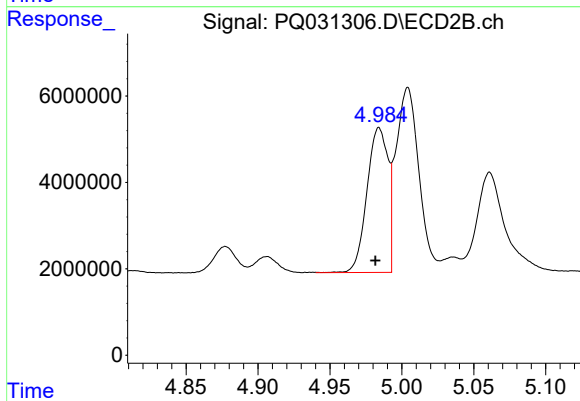
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: 0.002 min
Response: 23857047
Conc: 538.40 ng/ml



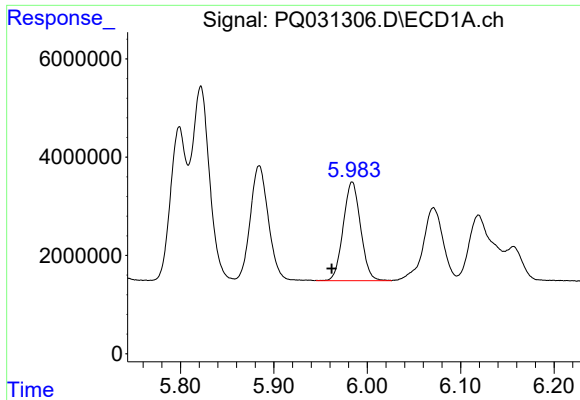
#4 AR-1016-2

R.T.: 5.884 min
Delta R.T.: 0.022 min
Response: 31448071
Conc: 496.51 ng/ml



#4 AR-1016-2

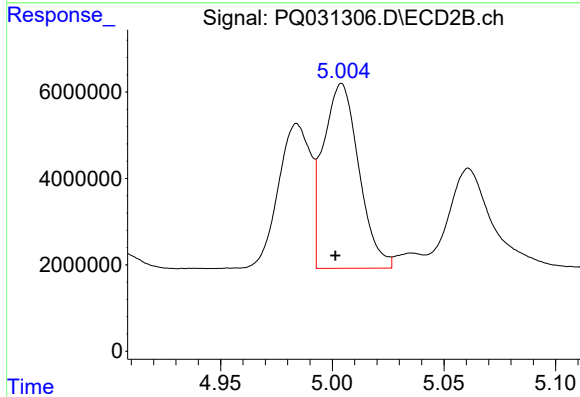
R.T.: 4.984 min
Delta R.T.: 0.003 min
Response: 33935067
Conc: 544.78 ng/ml



#5 AR-1016-3

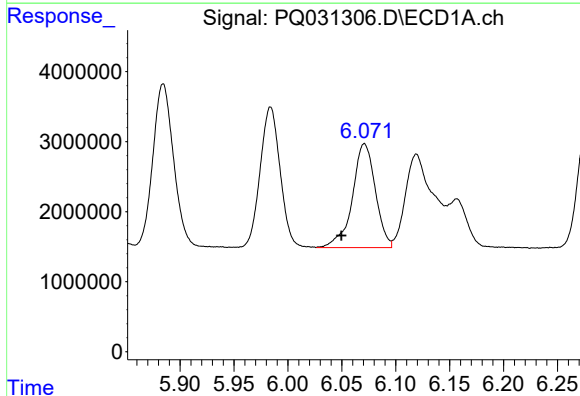
R.T.: 5.984 min
Delta R.T.: 0.022 min
Response: 25902673
Conc: 506.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



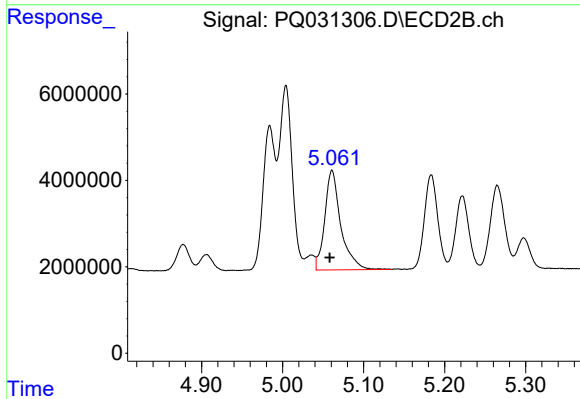
#5 AR-1016-3

R.T.: 5.004 min
Delta R.T.: 0.003 min
Response: 47449986
Conc: 531.23 ng/ml



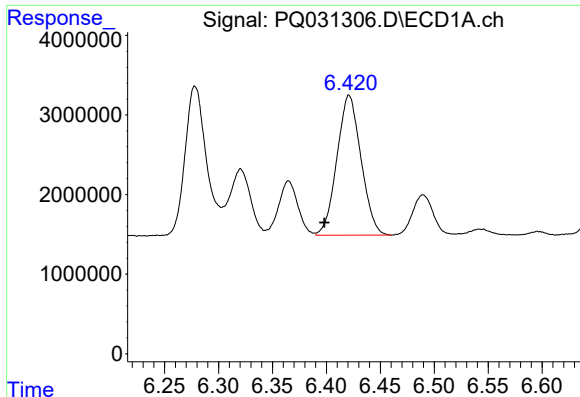
#6 AR-1016-4

R.T.: 6.071 min
Delta R.T.: 0.021 min
Response: 22006428
Conc: 506.78 ng/ml



#6 AR-1016-4

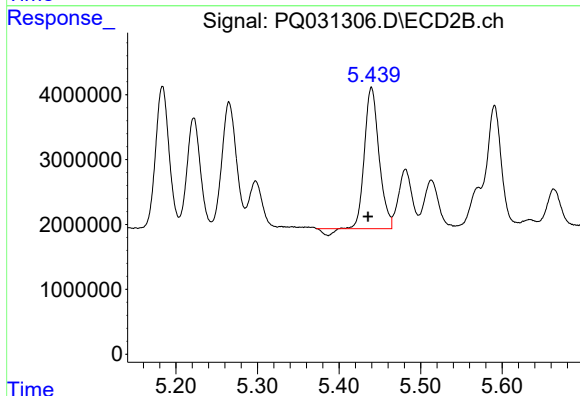
R.T.: 5.061 min
Delta R.T.: 0.003 min
Response: 31638634
Conc: 527.96 ng/ml



#7 AR-1016-5

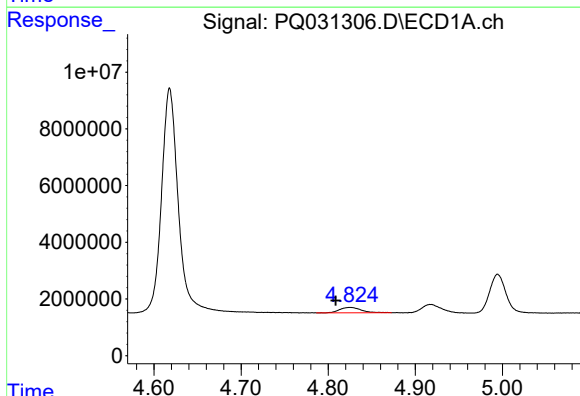
R.T.: 6.421 min
Delta R.T.: 0.023 min
Response: 27302743
Conc: 493.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



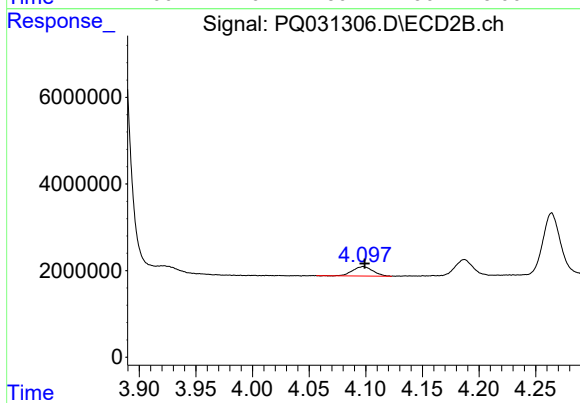
#7 AR-1016-5

R.T.: 5.440 min
Delta R.T.: 0.004 min
Response: 26387289
Conc: 518.62 ng/ml



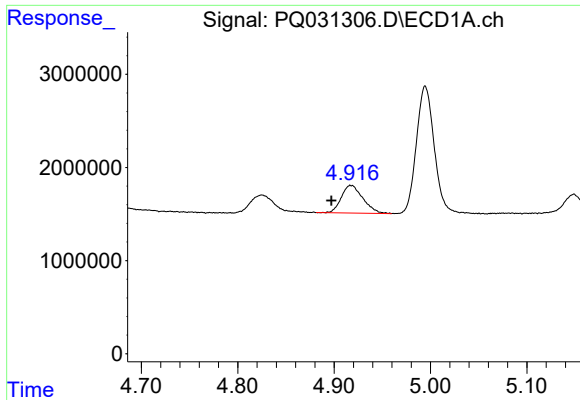
#8 AR-1221-1

R.T.: 4.825 min
Delta R.T.: 0.016 min
Response: 3203012
Conc: 160.45 ng/ml



#8 AR-1221-1

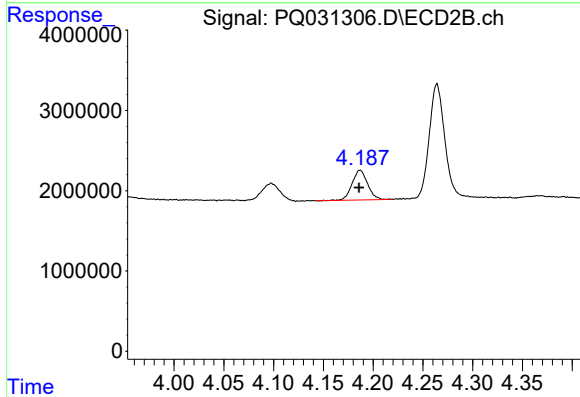
R.T.: 4.098 min
Delta R.T.: -0.001 min
Response: 2756079
Conc: 171.68 ng/ml



#9 AR-1221-2

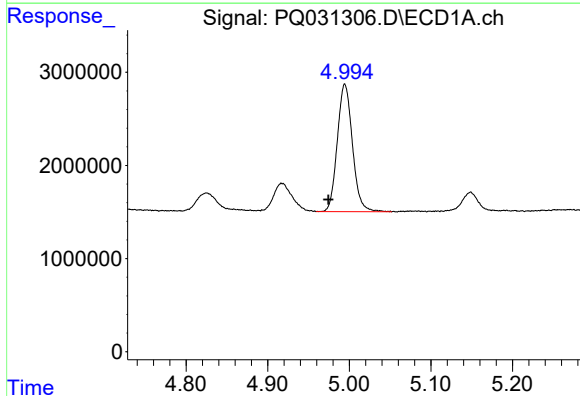
R.T.: 4.917 min
Delta R.T.: 0.020 min
Response: 4593240
Conc: 295.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



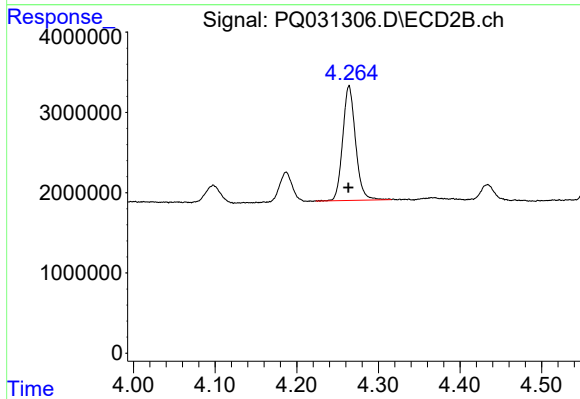
#9 AR-1221-2

R.T.: 4.187 min
Delta R.T.: 0.001 min
Response: 4001966
Conc: 301.43 ng/ml



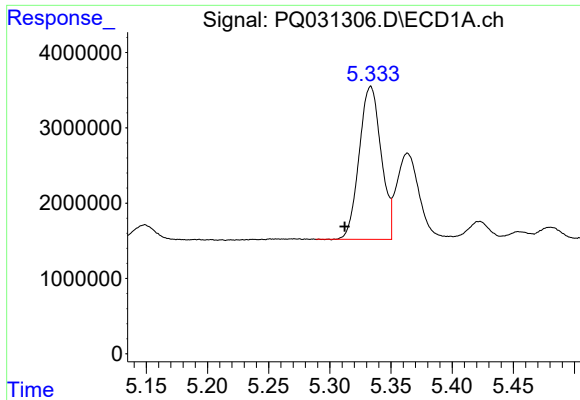
#10 AR-1221-3

R.T.: 4.995 min
Delta R.T.: 0.020 min
Response: 17676829
Conc: 369.93 ng/ml



#10 AR-1221-3

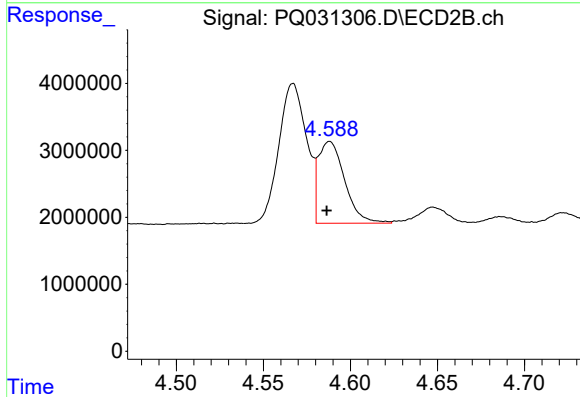
R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 15575546
Conc: 370.95 ng/ml



#11 AR-1232-1

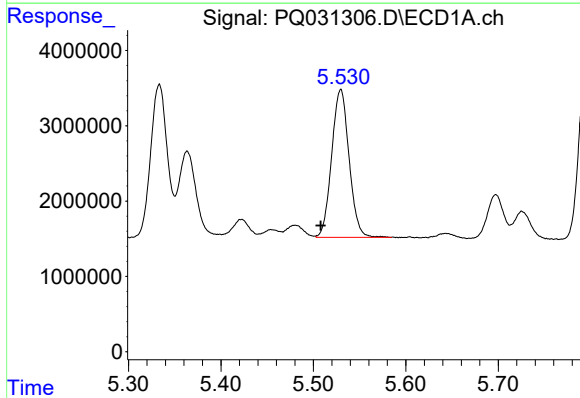
R.T.: 5.333 min
Delta R.T.: 0.021 min
Response: 25341265
Conc: 1299.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



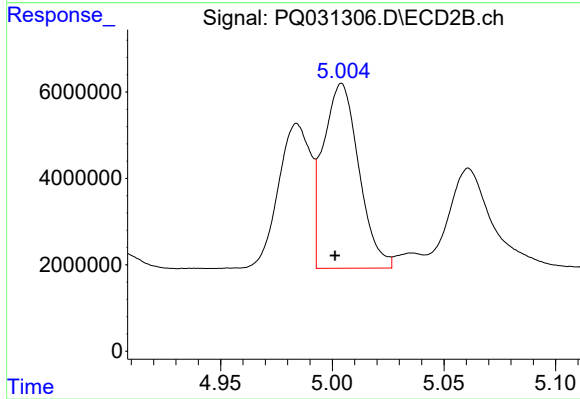
#11 AR-1232-1

R.T.: 4.588 min
Delta R.T.: 0.002 min
Response: 12889613
Conc: 1347.52 ng/ml



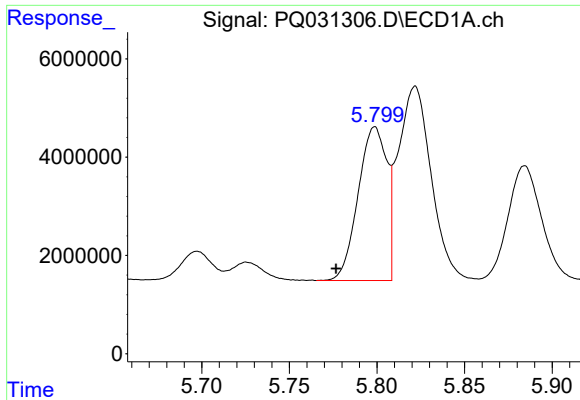
#12 AR-1232-2

R.T.: 5.530 min
Delta R.T.: 0.022 min
Response: 25720133
Conc: 1404.29 ng/ml



#12 AR-1232-2

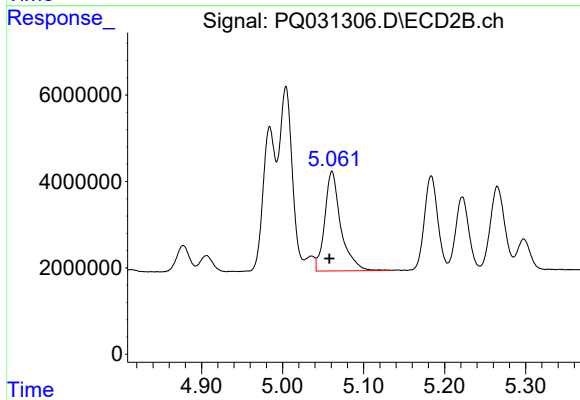
R.T.: 5.004 min
Delta R.T.: 0.003 min
Response: 47449986
Conc: 1425.26 ng/ml



#13 AR-1232-3

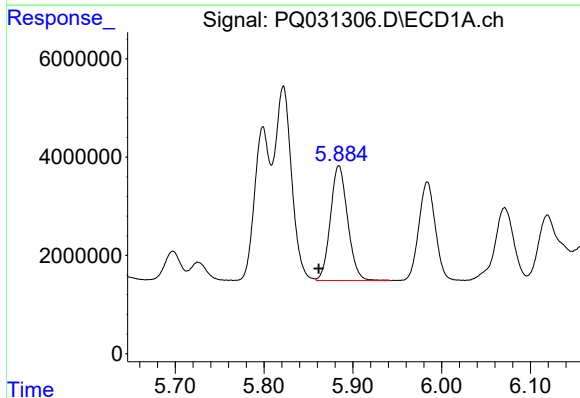
R.T.: 5.799 min
Delta R.T.: 0.022 min
Response: 35599322
Conc: 1360.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



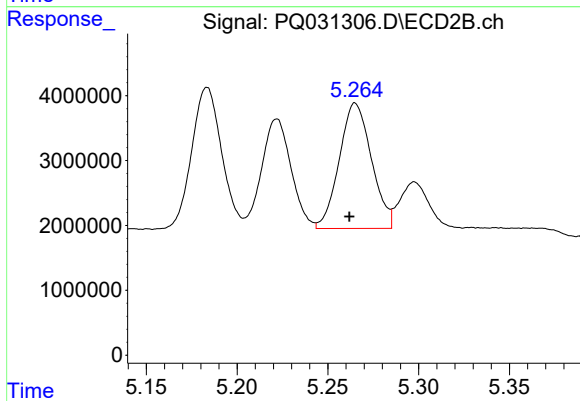
#13 AR-1232-3

R.T.: 5.061 min
Delta R.T.: 0.003 min
Response: 31638634
Conc: 1367.36 ng/ml



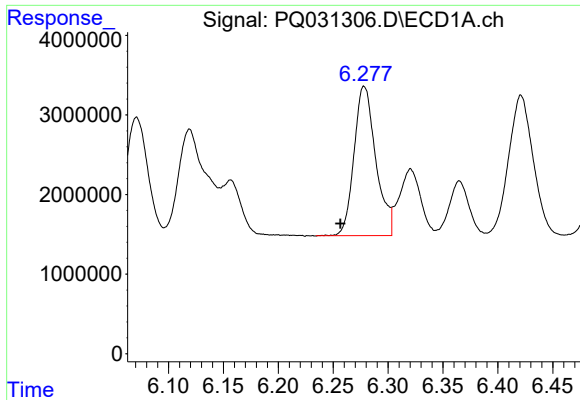
#14 AR-1232-4

R.T.: 5.884 min
Delta R.T.: 0.023 min
Response: 31448071
Conc: 1226.85 ng/ml



#14 AR-1232-4

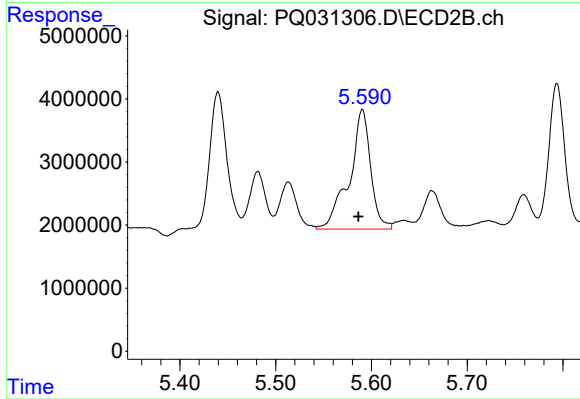
R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 23815264
Conc: 1478.80 ng/ml



#15 AR-1232-5

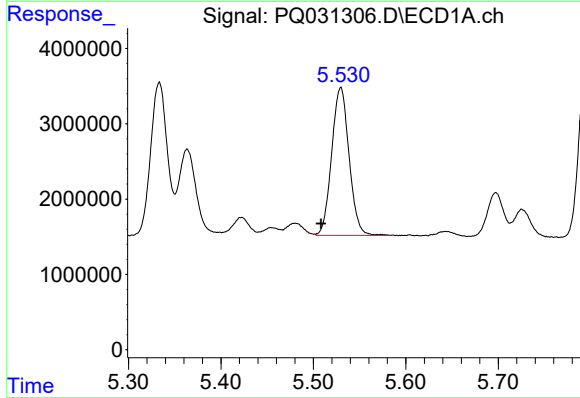
R.T.: 6.278 min
Delta R.T.: 0.022 min
Response: 25881223
Conc: 1423.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



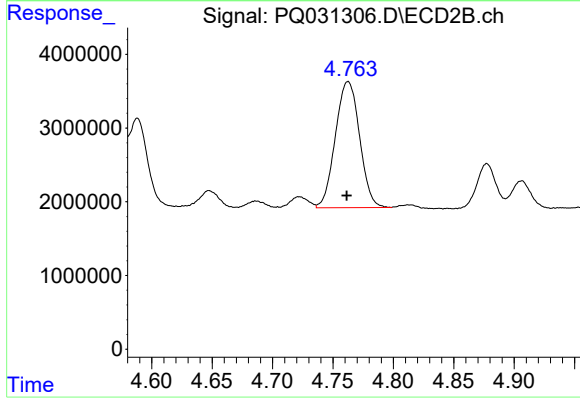
#15 AR-1232-5

R.T.: 5.591 min
Delta R.T.: 0.004 min
Response: 29427935
Conc: 1561.33 ng/ml



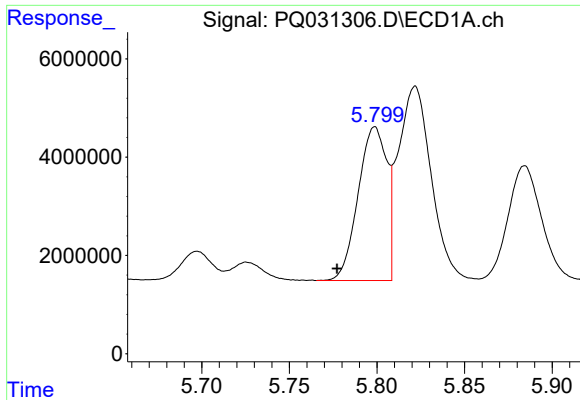
#16 AR-1242-1

R.T.: 5.530 min
Delta R.T.: 0.022 min
Response: 25720133
Conc: 749.05 ng/ml



#16 AR-1242-1

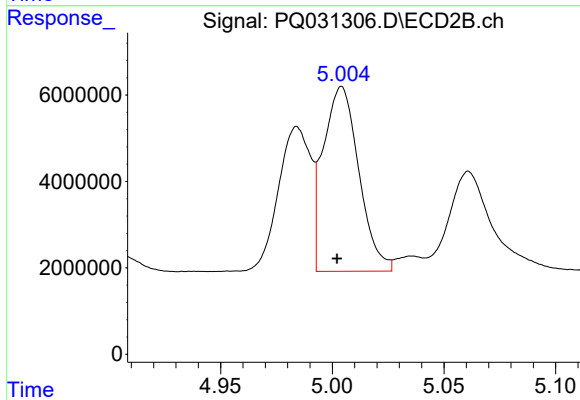
R.T.: 4.763 min
Delta R.T.: 0.001 min
Response: 23857047
Conc: 793.85 ng/ml



#17 AR-1242-2

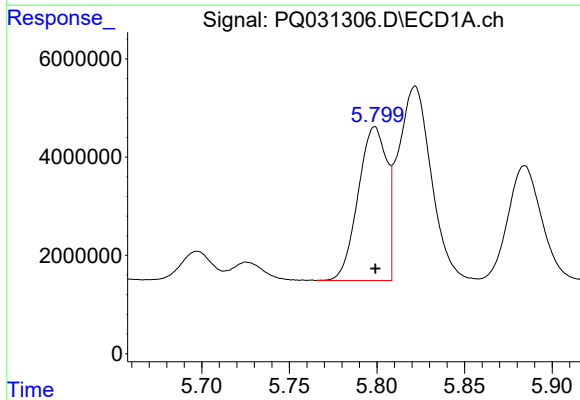
R.T.: 5.799 min
Delta R.T.: 0.022 min
Response: 35599322
Conc: 765.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



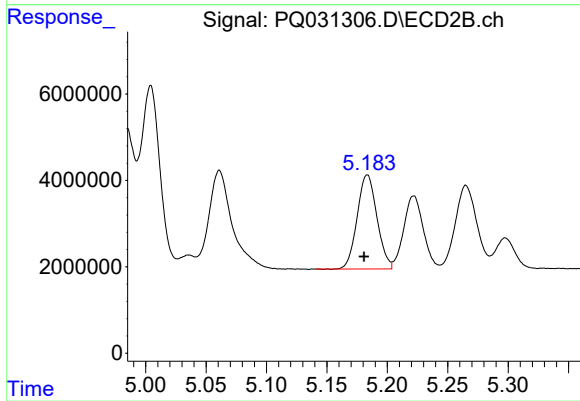
#17 AR-1242-2

R.T.: 5.004 min
Delta R.T.: 0.002 min
Response: 47449986
Conc: 796.03 ng/ml



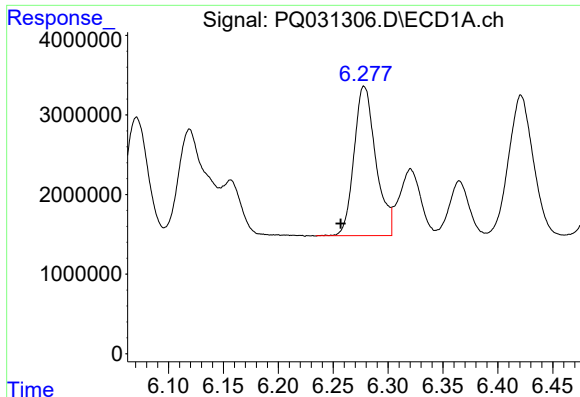
#18 AR-1242-3

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 35599322
Conc: 518.11 ng/ml



#18 AR-1242-3

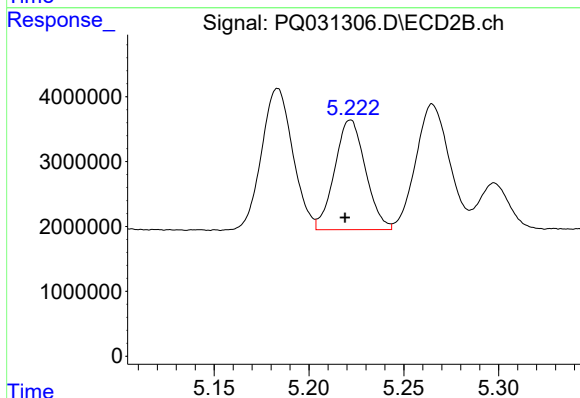
R.T.: 5.183 min
Delta R.T.: 0.003 min
Response: 24858763
Conc: 783.48 ng/ml



#19 AR-1242-4

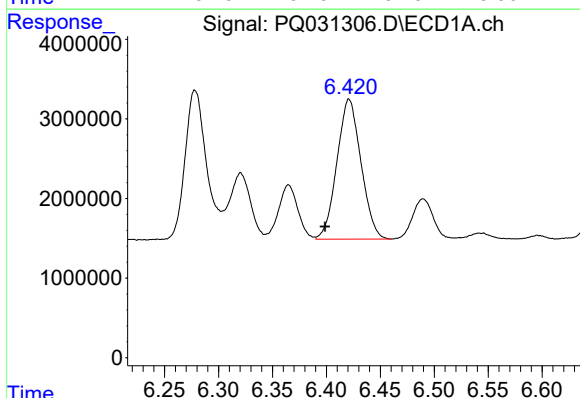
R.T.: 6.278 min
Delta R.T.: 0.022 min
Response: 25881223
Conc: 723.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



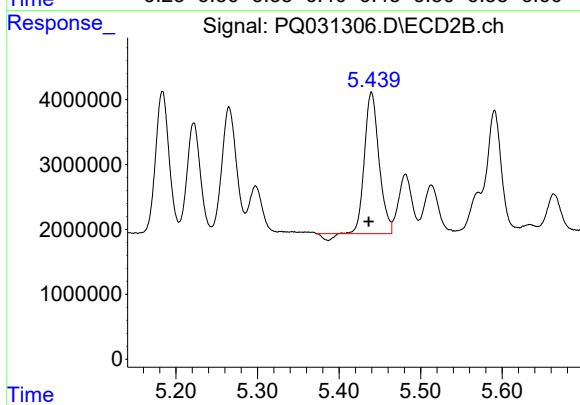
#19 AR-1242-4

R.T.: 5.222 min
Delta R.T.: 0.003 min
Response: 19116681
Conc: 771.23 ng/ml



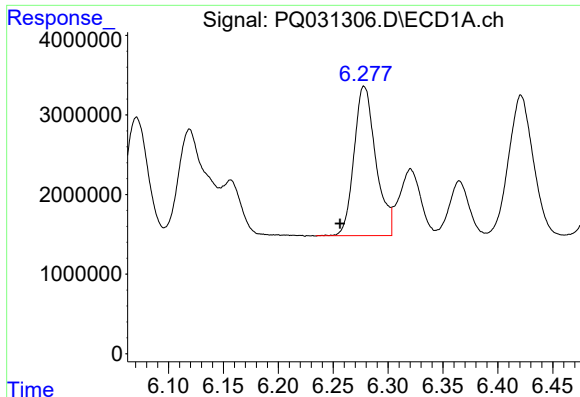
#20 AR-1242-5

R.T.: 6.421 min
Delta R.T.: 0.022 min
Response: 27302743
Conc: 700.96 ng/ml



#20 AR-1242-5

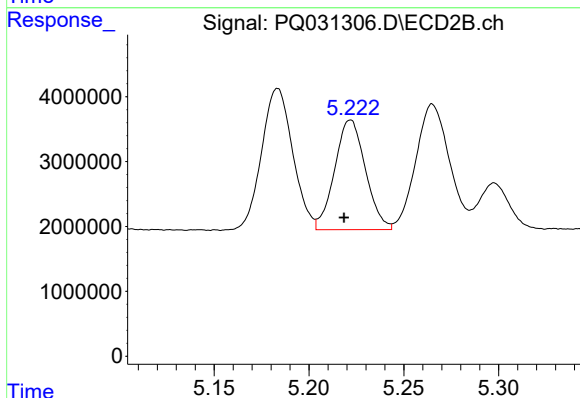
R.T.: 5.440 min
Delta R.T.: 0.003 min
Response: 26387289
Conc: 760.85 ng/ml



#21 AR-1248-1

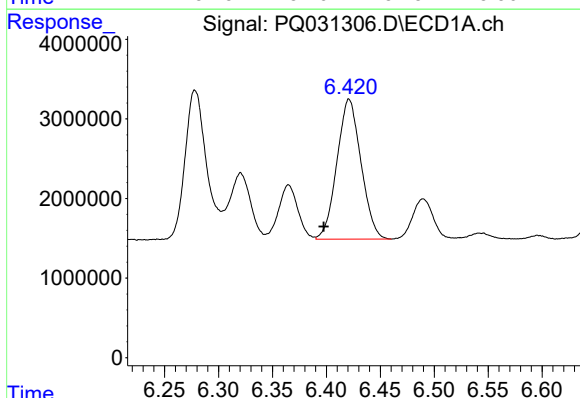
R.T.: 6.278 min
Delta R.T.: 0.022 min
Response: 25881223
Conc: 414.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



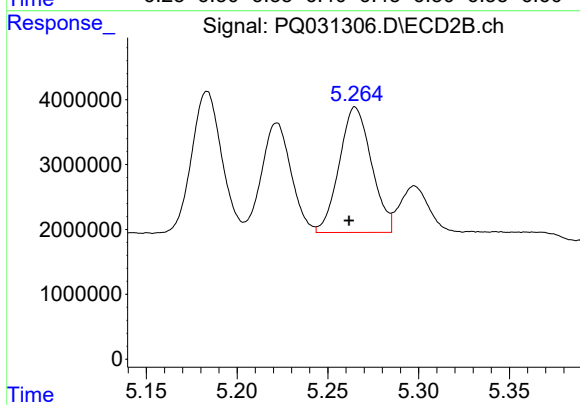
#21 AR-1248-1

R.T.: 5.222 min
Delta R.T.: 0.003 min
Response: 19116681
Conc: 399.74 ng/ml



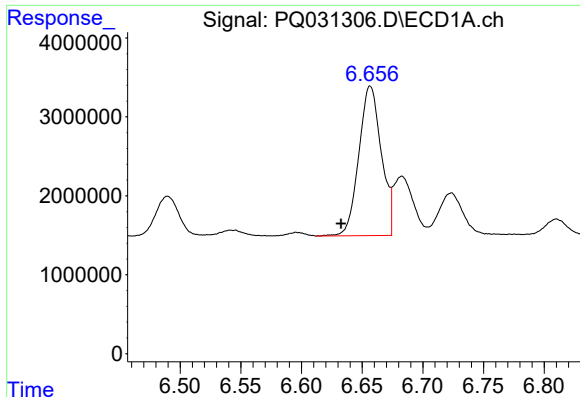
#22 AR-1248-2

R.T.: 6.421 min
Delta R.T.: 0.023 min
Response: 27302743
Conc: 521.86 ng/ml



#22 AR-1248-2

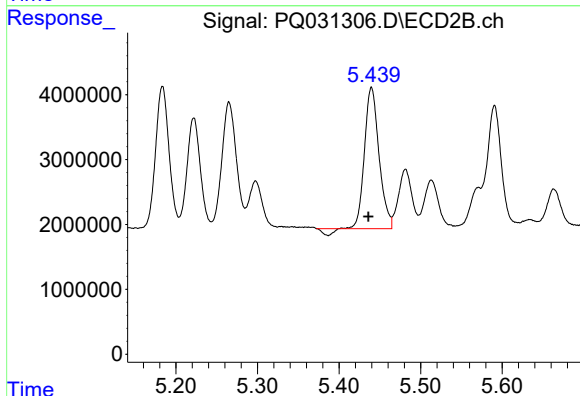
R.T.: 5.265 min
Delta R.T.: 0.004 min
Response: 23815264
Conc: 487.92 ng/ml



#23 AR-1248-3

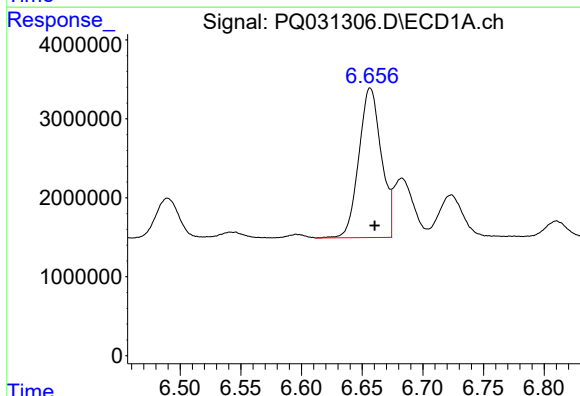
R.T.: 6.657 min
Delta R.T.: 0.024 min
Response: 24382420
Conc: 448.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



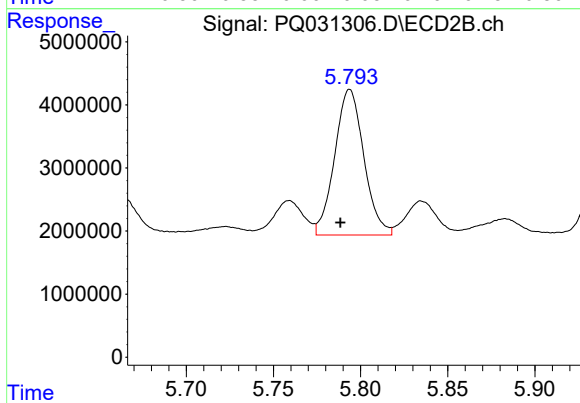
#23 AR-1248-3

R.T.: 5.440 min
Delta R.T.: 0.004 min
Response: 26387289
Conc: 445.88 ng/ml



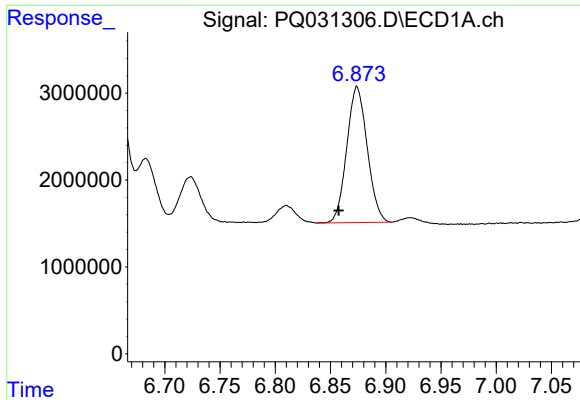
#24 AR-1248-4

R.T.: 6.657 min
Delta R.T.: -0.004 min
Response: 24382420
Conc: 338.39 ng/ml



#24 AR-1248-4

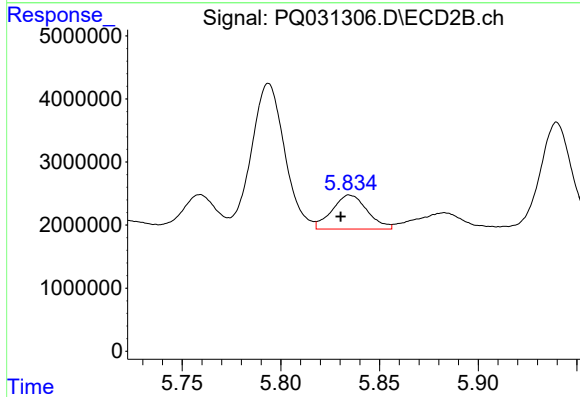
R.T.: 5.794 min
Delta R.T.: 0.005 min
Response: 26902082
Conc: 302.83 ng/ml



#25 AR-1248-5

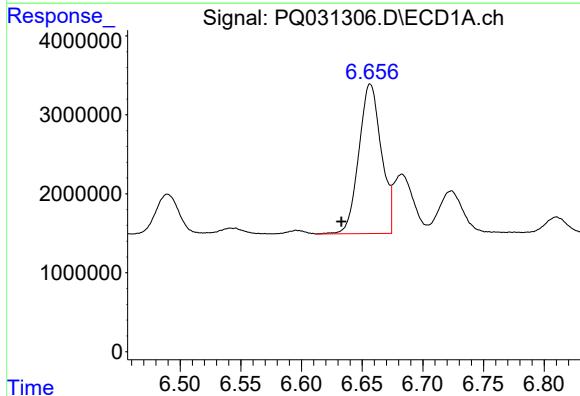
R.T.: 6.874 min
Delta R.T.: 0.017 min
Response: 20186532
Conc: 280.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



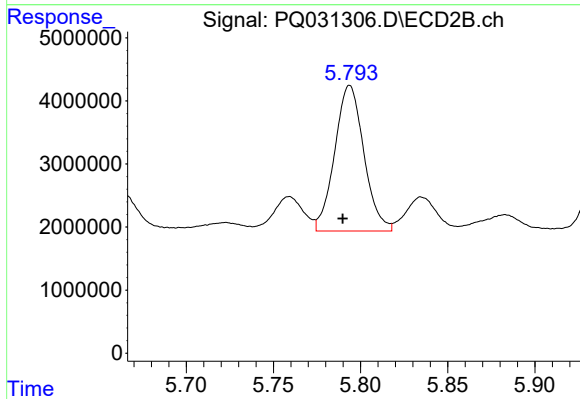
#25 AR-1248-5

R.T.: 5.835 min
Delta R.T.: 0.005 min
Response: 6688511
Conc: 110.51 ng/ml



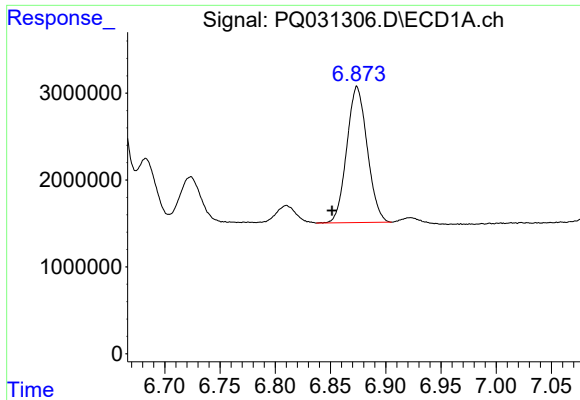
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.024 min
Response: 24382420
Conc: 289.91 ng/ml



#26 AR-1254-1

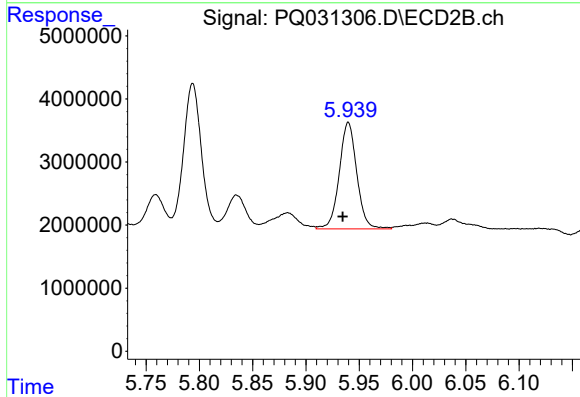
R.T.: 5.794 min
Delta R.T.: 0.004 min
Response: 26902082
Conc: 250.67 ng/ml



#27 AR-1254-2

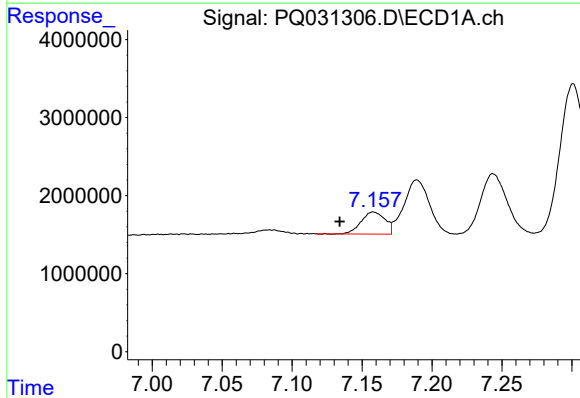
R.T.: 6.874 min
Delta R.T.: 0.023 min
Response: 20186532
Conc: 152.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



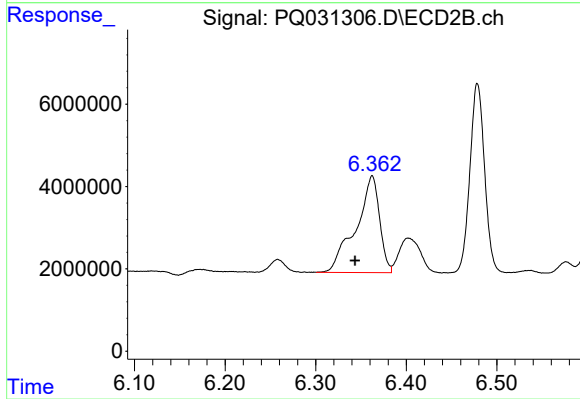
#27 AR-1254-2

R.T.: 5.940 min
Delta R.T.: 0.005 min
Response: 19417084
Conc: 206.64 ng/ml



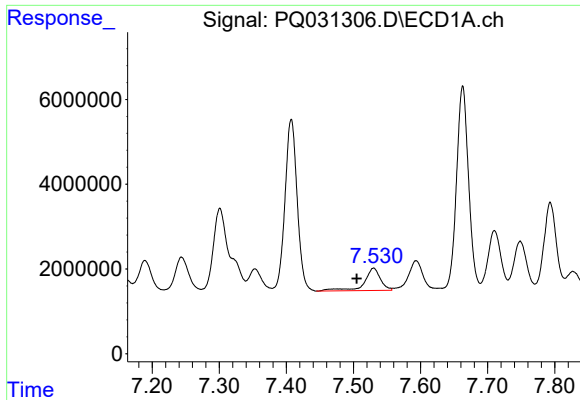
#28 AR-1254-3

R.T.: 7.158 min
Delta R.T.: 0.024 min
Response: 3367990
Conc: 41.75 ng/ml



#28 AR-1254-3

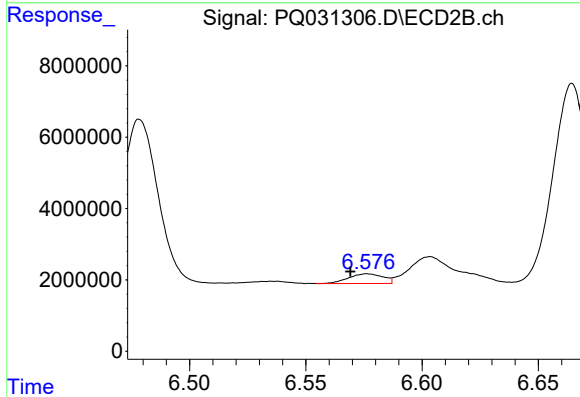
R.T.: 6.362 min
Delta R.T.: 0.019 min
Response: 42731330
Conc: 266.92 ng/ml



#29 AR-1254-4

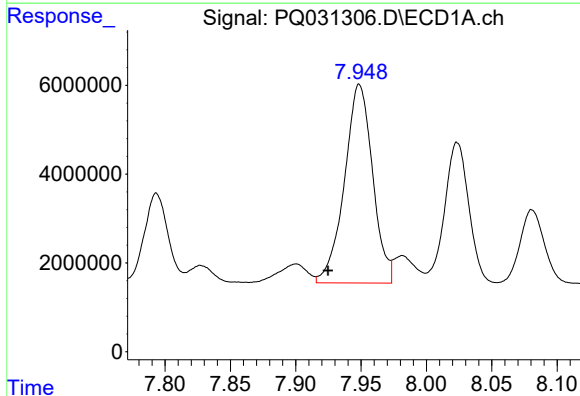
R.T.: 7.530 min
Delta R.T.: 0.025 min
Response: 8849357
Conc: 82.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



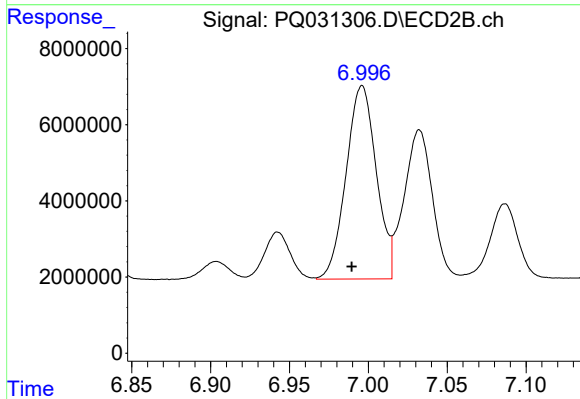
#29 AR-1254-4

R.T.: 6.577 min
Delta R.T.: 0.007 min
Response: 2799699
Conc: 28.19 ng/ml



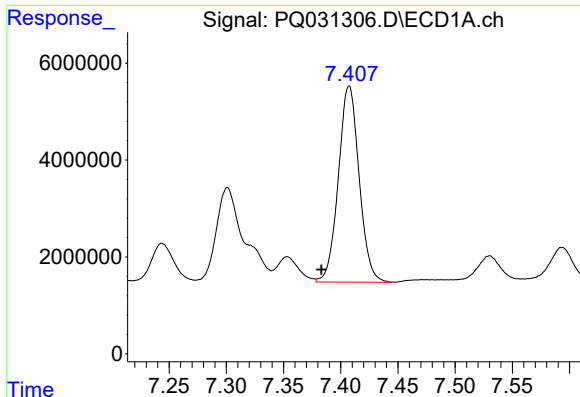
#30 AR-1254-5

R.T.: 7.949 min
Delta R.T.: 0.024 min
Response: 67081602
Conc: 588.56 ng/ml



#30 AR-1254-5

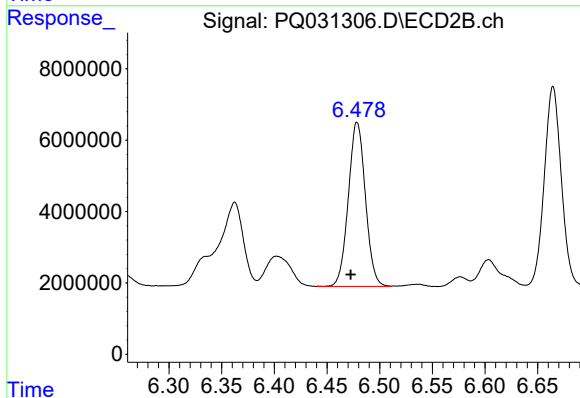
R.T.: 6.996 min
Delta R.T.: 0.007 min
Response: 67703308
Conc: 486.65 ng/ml



#31 AR-1260-1

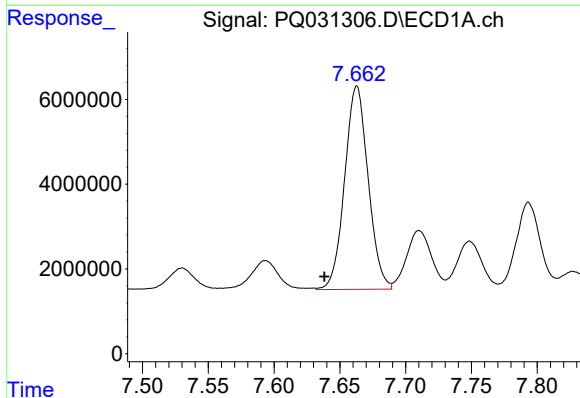
R.T.: 7.407 min
Delta R.T.: 0.024 min
Response: 51134686
Conc: 477.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



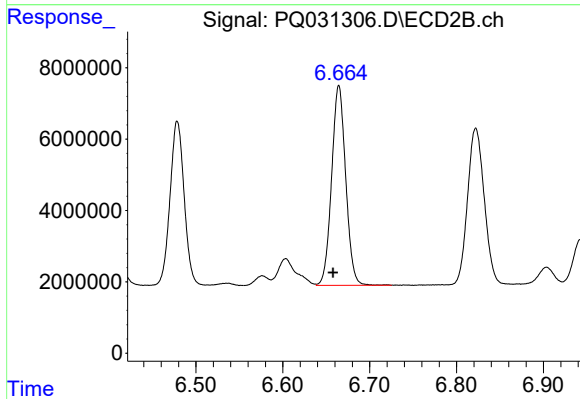
#31 AR-1260-1

R.T.: 6.479 min
Delta R.T.: 0.006 min
Response: 52020597
Conc: 479.91 ng/ml



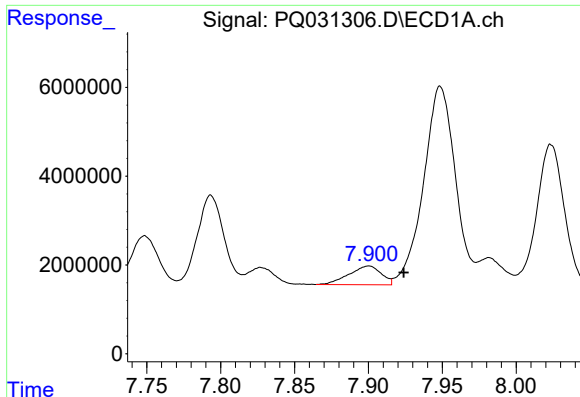
#32 AR-1260-2

R.T.: 7.663 min
Delta R.T.: 0.025 min
Response: 59601803
Conc: 466.10 ng/ml



#32 AR-1260-2

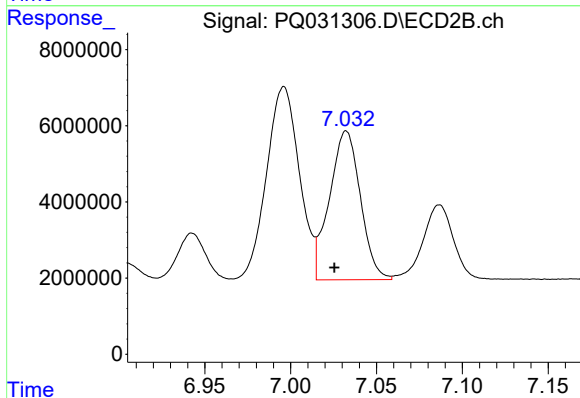
R.T.: 6.665 min
Delta R.T.: 0.007 min
Response: 63065617
Conc: 483.21 ng/ml



#33 AR-1260-3

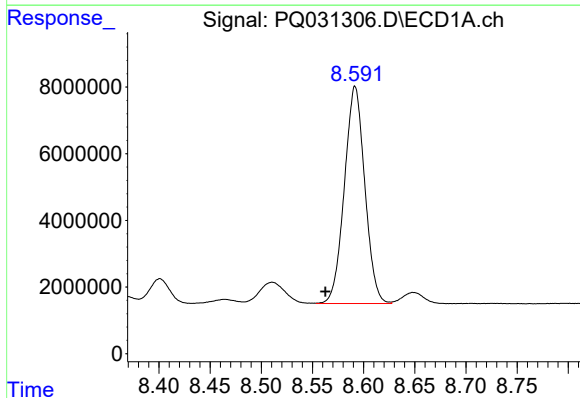
R.T.: 7.900 min
Delta R.T.: -0.024 min
Response: 6412678
Conc: 42.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



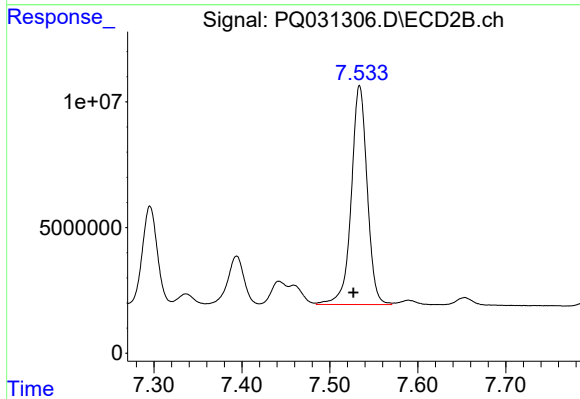
#33 AR-1260-3

R.T.: 7.032 min
Delta R.T.: 0.007 min
Response: 49070858
Conc: 461.59 ng/ml



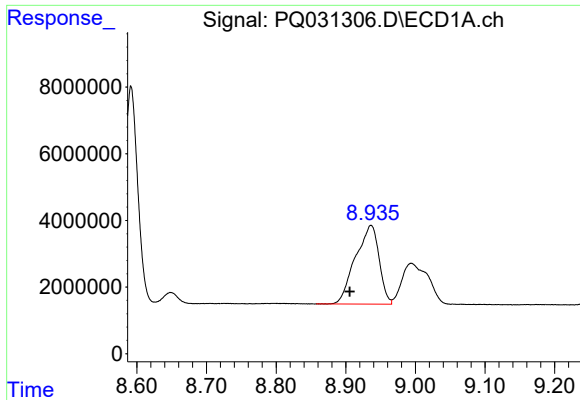
#34 AR-1260-4

R.T.: 8.592 min
Delta R.T.: 0.029 min
Response: 90529048
Conc: 425.62 ng/ml



#34 AR-1260-4

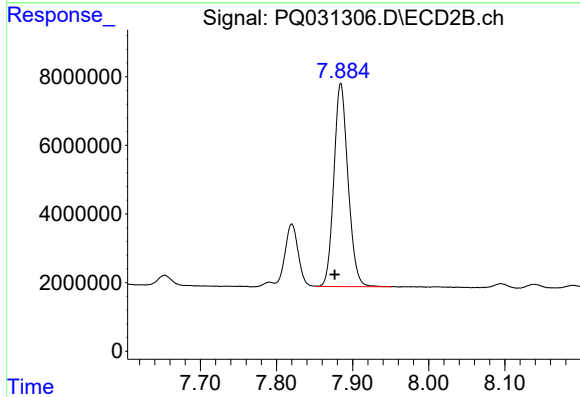
R.T.: 7.534 min
Delta R.T.: 0.007 min
Response: 109567152
Conc: 455.29 ng/ml



#35 AR-1260-5

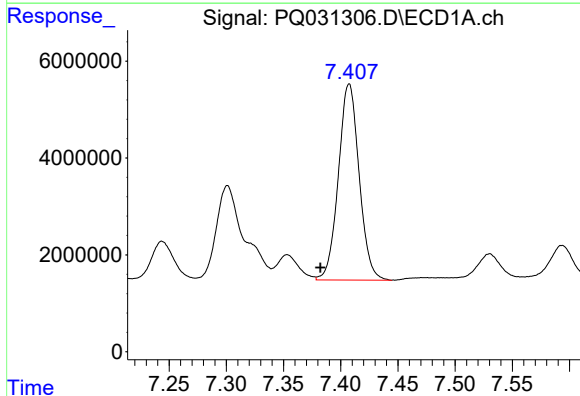
R.T.: 8.936 min
Delta R.T.: 0.030 min
Response: 55779271
Conc: 416.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



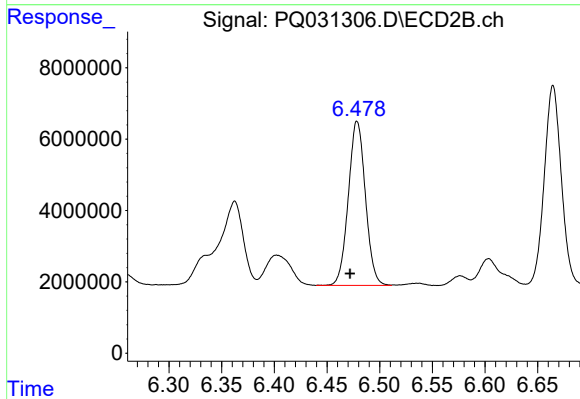
#35 AR-1260-5

R.T.: 7.884 min
Delta R.T.: 0.008 min
Response: 76568524
Conc: 441.03 ng/ml



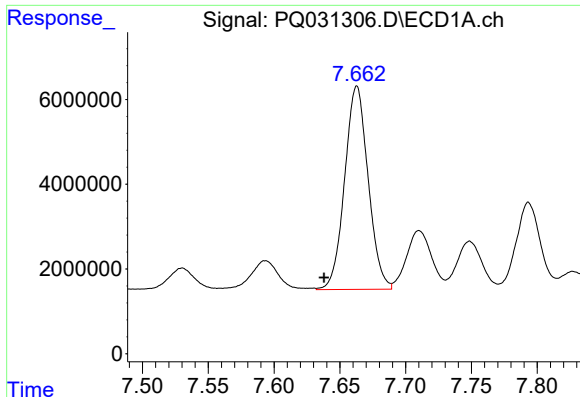
#36 AR-1262-1

R.T.: 7.407 min
Delta R.T.: 0.025 min
Response: 51134686
Conc: 581.21 ng/ml



#36 AR-1262-1

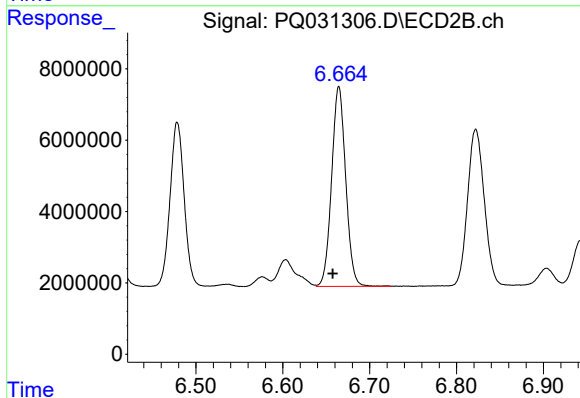
R.T.: 6.479 min
Delta R.T.: 0.007 min
Response: 52020597
Conc: 598.91 ng/ml



#37 AR-1262-2

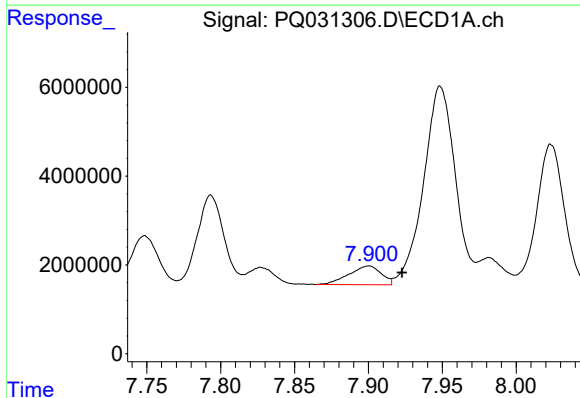
R.T.: 7.663 min
Delta R.T.: 0.025 min
Response: 59601803
Conc: 578.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



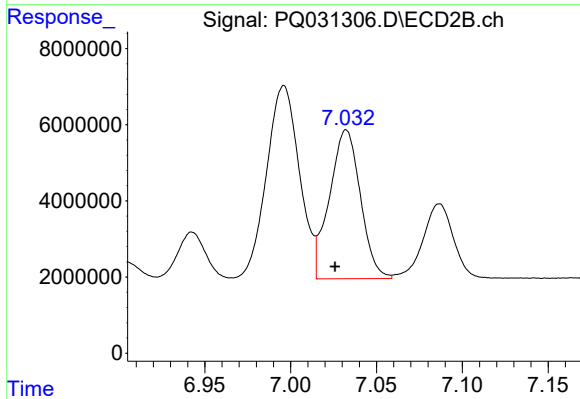
#37 AR-1262-2

R.T.: 6.665 min
Delta R.T.: 0.007 min
Response: 63065617
Conc: 602.15 ng/ml



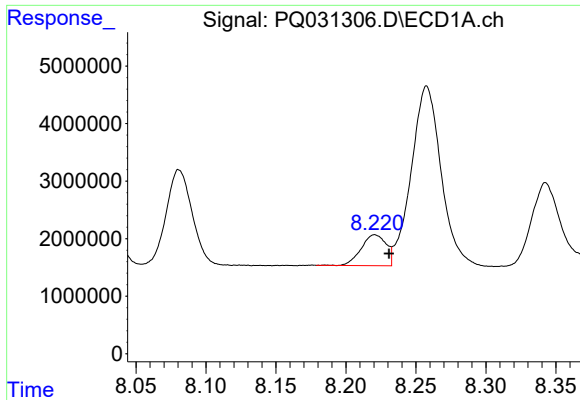
#38 AR-1262-3

R.T.: 7.900 min
Delta R.T.: -0.022 min
Response: 6412678
Conc: 64.58 ng/ml



#38 AR-1262-3

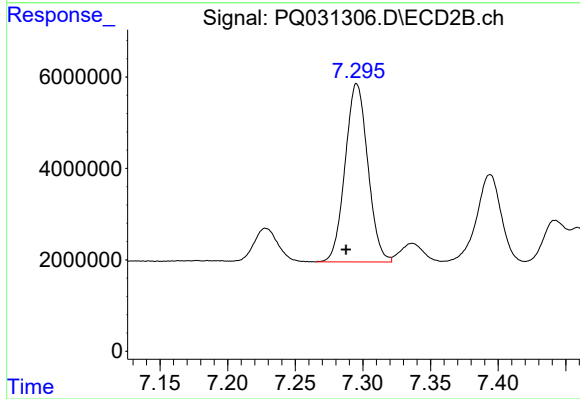
R.T.: 7.032 min
Delta R.T.: 0.006 min
Response: 49070858
Conc: 333.82 ng/ml



#39 AR-1262-4

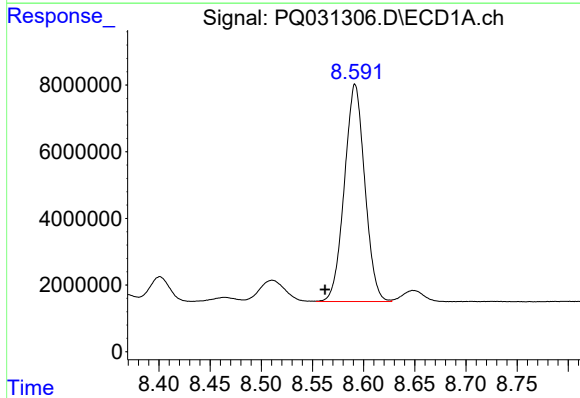
R.T.: 8.221 min
Delta R.T.: -0.010 min
Response: 6676488
Conc: 51.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



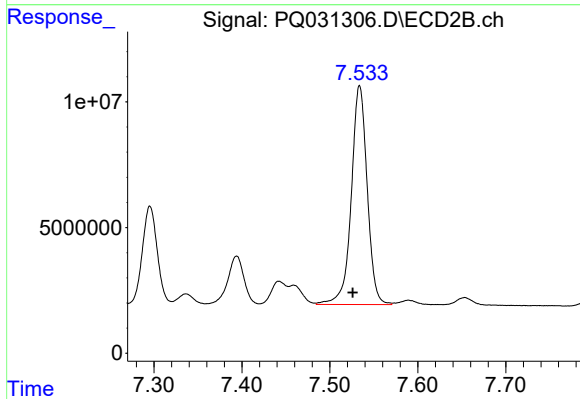
#39 AR-1262-4

R.T.: 7.295 min
Delta R.T.: 0.008 min
Response: 45573328
Conc: 343.16 ng/ml



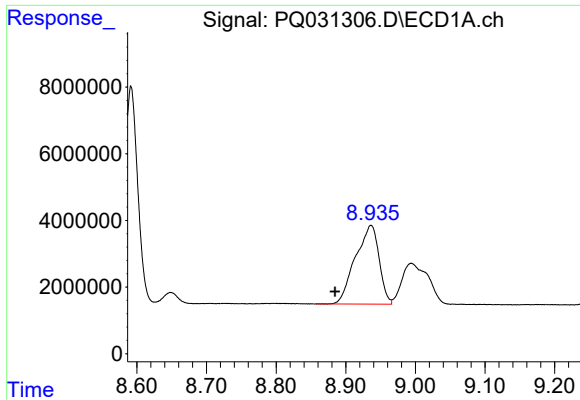
#40 AR-1262-5

R.T.: 8.592 min
Delta R.T.: 0.029 min
Response: 90529048
Conc: 361.34 ng/ml



#40 AR-1262-5

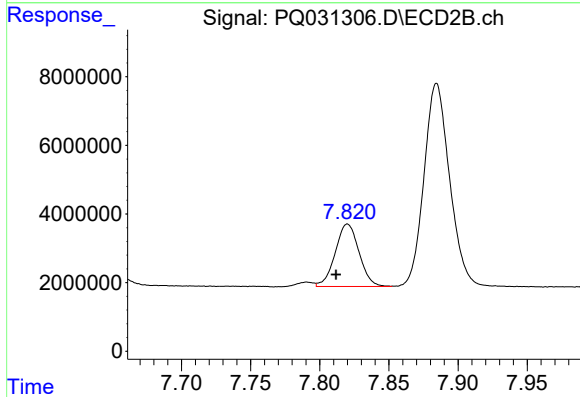
R.T.: 7.534 min
Delta R.T.: 0.008 min
Response: 109567152
Conc: 392.42 ng/ml



#41 AR-1268-1

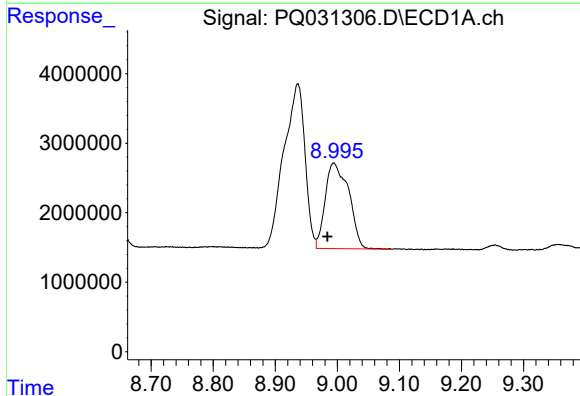
R.T.: 8.936 min
Delta R.T.: 0.052 min
Response: 55779271
Conc: 226.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



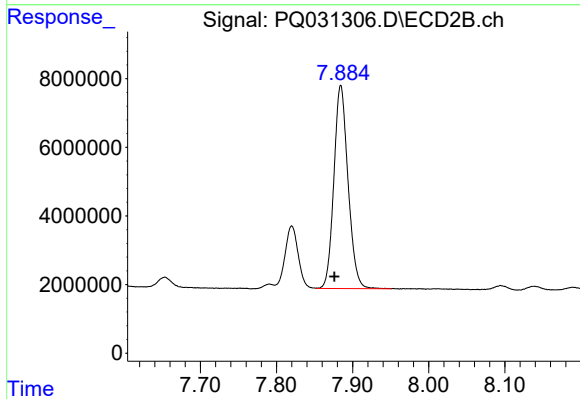
#41 AR-1268-1

R.T.: 7.820 min
Delta R.T.: 0.008 min
Response: 21851468
Conc: 81.97 ng/ml



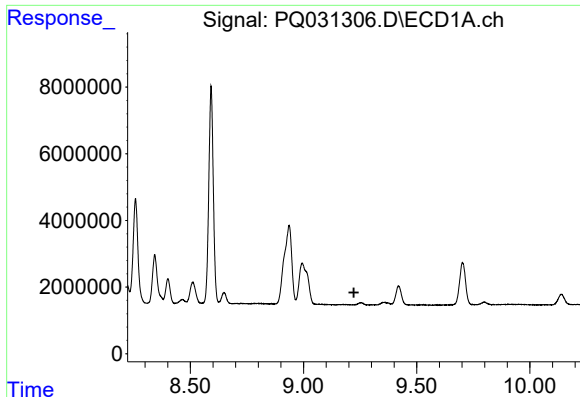
#42 AR-1268-2

R.T.: 8.994 min
Delta R.T.: 0.010 min
Response: 32441621
Conc: 145.77 ng/ml



#42 AR-1268-2

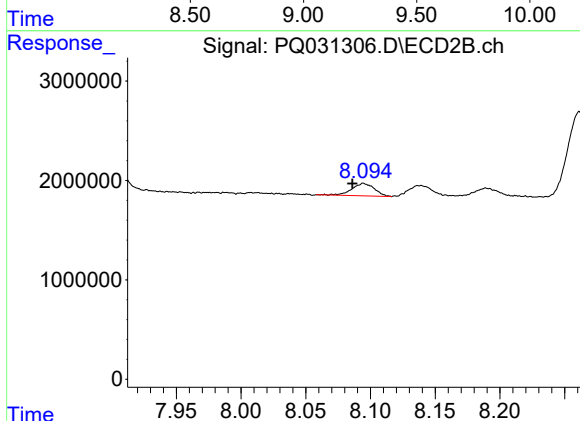
R.T.: 7.884 min
Delta R.T.: 0.009 min
Response: 76568524
Conc: 316.64 ng/ml



#43 AR-1268-3

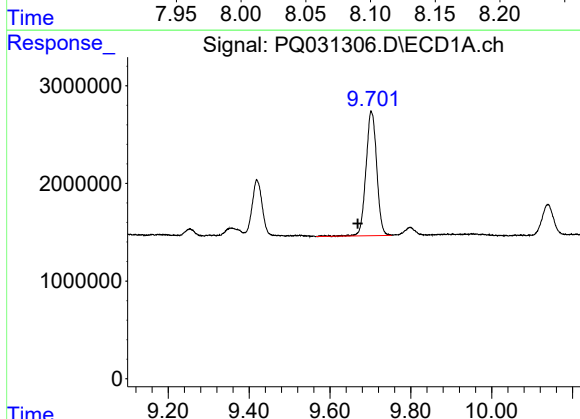
R.T.: 0.000 min
Exp R.T.: 9.223 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



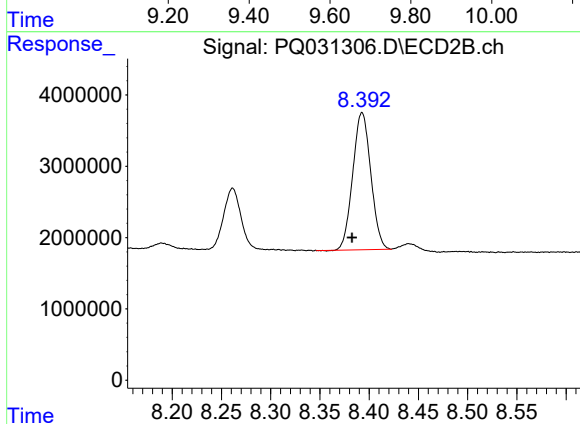
#43 AR-1268-3

R.T.: 8.095 min
Delta R.T.: 0.009 min
Response: 1518245
Conc: 7.54 ng/ml



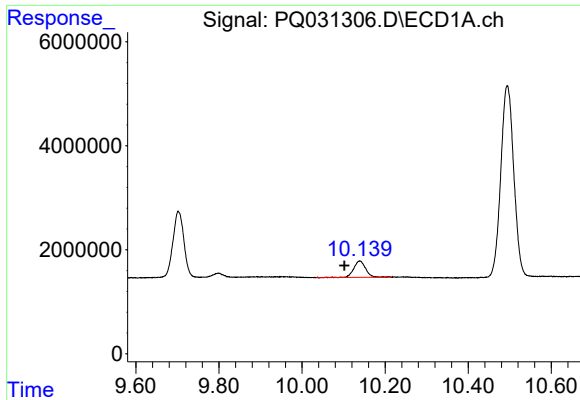
#44 AR-1268-4

R.T.: 9.702 min
Delta R.T.: 0.033 min
Response: 23601761
Conc: 286.69 ng/ml



#44 AR-1268-4

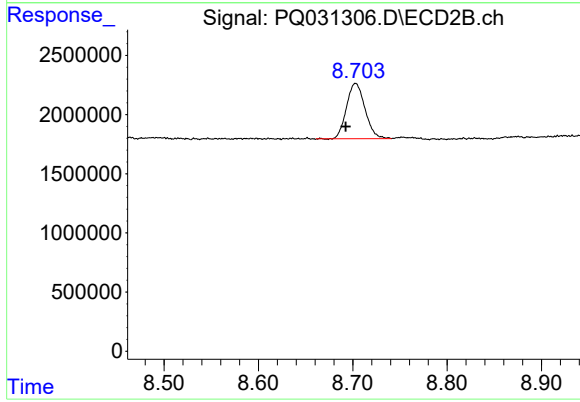
R.T.: 8.393 min
Delta R.T.: 0.010 min
Response: 24517348
Conc: 275.97 ng/ml



#45 AR-1268-5

R.T.: 10.139 min
Delta R.T.: 0.037 min
Response: 6328147
Conc: 10.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.703 min
Delta R.T.: 0.010 min
Response: 6353336
Conc: 9.77 ng/ml