

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120318\
 Data File : PQ035206.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2018 13:28
 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: Dec 04 03:00:39 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120218.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 03 08:50:54 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...	4.453	3.756	184.0E6	110.1E6	53.828	57.461
2)	SA Decachlor...	10.180	8.745	173.2E6	104.1E6	48.884	49.372
Target Compounds							
3)	L1 AR-1016-1	5.619	4.836	58873866	38042828	492.019	536.054
4)	L1 AR-1016-2	5.641	4.854	86377626	57099683	471.782	552.614
5)	L1 AR-1016-3	5.703	5.030	52301273	28736695	466.339	535.375
6)	L1 AR-1016-4	5.803	5.070	42555579	22324692	470.782	517.745
7)	L1 AR-1016-5	6.095	5.283	41529047	29401794	450.307	510.880
8)	L2 AR-1221-1	4.658	3.966	5075193	3200112	149.271	167.547
9)	L2 AR-1221-2	4.750	4.054	7620394	4464881	302.292	311.692
10)	L2 AR-1221-3	4.825	4.129	28665679	17052901	346.824	347.078
11)	L3 AR-1232-1	4.825	4.129	28665679	17052901	428.032	423.580
12)	L3 AR-1232-2	5.353	4.854	39629127	57099683	1114.163	1190.403
13)	L3 AR-1232-3	5.641	5.030	86377626	28736695	1081.938	1198.855
14)	L3 AR-1232-4	5.803	5.111	42555579	26798937	1075.061	1264.637
15)	L3 AR-1232-5	5.890	5.283	35680477	29401794	1215.571	1249.952
16)	L4 AR-1242-1	5.619	4.836	58873866	38042828	583.241	619.014
17)	L4 AR-1242-2	5.641	4.854	86377626	57099683	568.227	626.482
18)	L4 AR-1242-3	5.703	5.030	52301273	28736695	577.731	601.137
19)	L4 AR-1242-4	5.803	5.111	42555579	26798937	571.617	581.864
20)	L4 AR-1242-5	6.538	5.632	12370947	32844080	145.738	558.166 #
21)	L5 AR-1248-1	5.619	4.836	58873866	38042828	786.921	824.337
22)	L5 AR-1248-2	5.890	5.070	35680477	22324692	332.694	358.008
23)	L5 AR-1248-3	6.095	5.111	41529047	26798937	330.152	419.435 #
24)	L5 AR-1248-4	6.498	5.283	14421405	29401794	100.341	364.735 #
25)	L5 AR-1248-5	6.538	5.673	12370947	7063409	90.389	85.645
26)	L6 AR-1254-1	6.471	5.632	44933064	32844080	285.345	232.860
27)	L6 AR-1254-2	6.687	5.778	41148356	25076638	163.125	211.795 #
28)	L6 AR-1254-3	7.058	6.192	24196011	53512223	89.274	261.414 #
29)	L6 AR-1254-4	7.341	6.409	15309509	6519606	80.648	50.950 #
30)	L6 AR-1254-5	7.761	6.823	135.8E6	92708751	706.122	548.851
31)	L7 AR-1260-1	7.218	6.309	86545769	61970181	433.145	478.335
32)	L7 AR-1260-2	7.474	6.496	105.4E6	77778954	459.858	480.240
33)	L7 AR-1260-3	7.834	6.649	64390021	71949688	458.244	476.816
34)	L7 AR-1260-4	8.060	7.117	83033711	49355245	461.470	451.271
35)	L7 AR-1260-5	8.384	7.359	166.9E6	129.0E6	469.500	475.323
36)	L8 AR-1262-1	7.834	6.858	64390021	53935946	298.635	335.139
37)	L8 AR-1262-2	8.384	7.359	166.9E6	129.0E6	455.154	461.478
38)	L8 AR-1262-3	8.714	7.638	102.6E6	23026236	447.776	230.554 #
39)	L8 AR-1262-4	8.767	7.704	56062956	90352650	327.458	475.207 #
40)	L8 AR-1262-5	9.441	8.202	39480552	25073122	353.217	327.427
41)	L9 AR-1268-1	8.714	7.638	102.6E6	23026236	185.022	57.422 #

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 Data File : PQ035206.D
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 Acq On : 03 Dec 2018 13:28
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

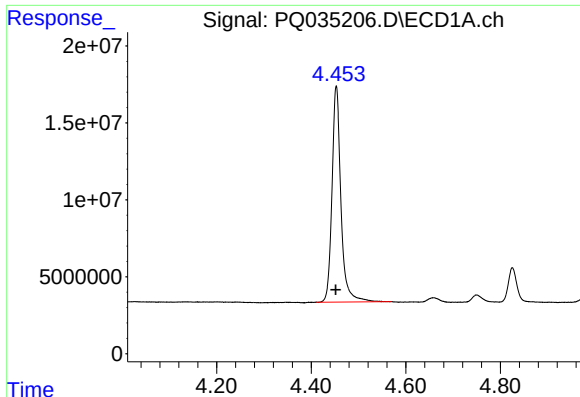
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 03:00:39 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120218.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	8.767	7.704	56062956	90352650	110.814	251.796 #
43) L9	AR-1268-3	9.011	7.960	3206132	1698619	7.492	5.928
44) L9	AR-1268-4	9.441	8.202	39480552	25073122	248.120	227.889
45) L9	AR-1268-5	9.850	8.494	10367760	5898082	8.088	7.343

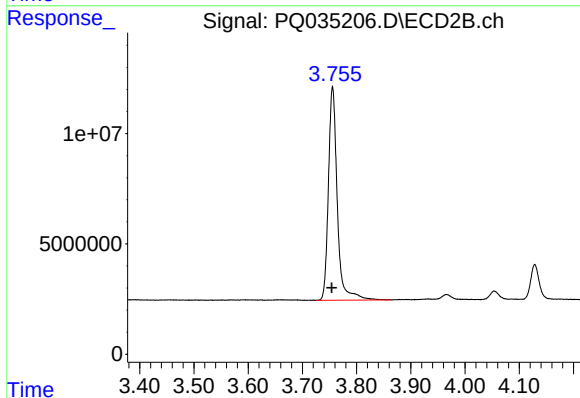
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

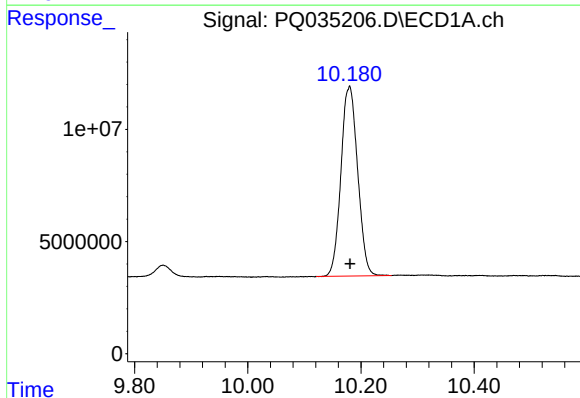
R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 183986319
Conc: 53.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



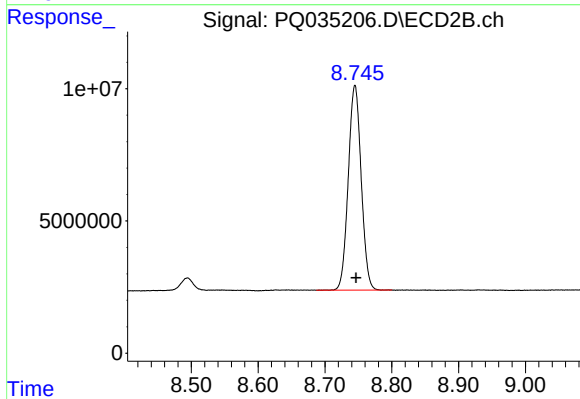
#1 Tetrachloro-m-xylene

R.T.: 3.756 min
Delta R.T.: 0.002 min
Response: 110069588
Conc: 57.46 ng/ml



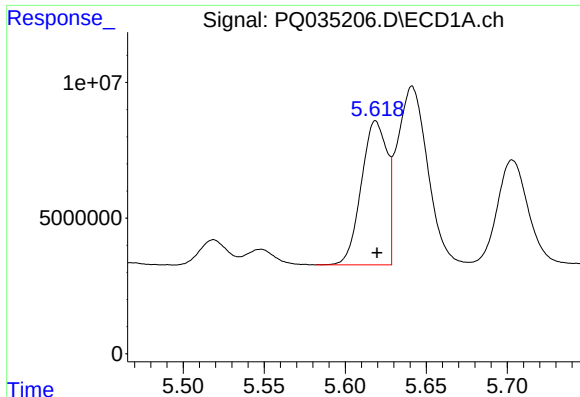
#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 173231130
Conc: 48.88 ng/ml



#2 Decachlorobiphenyl

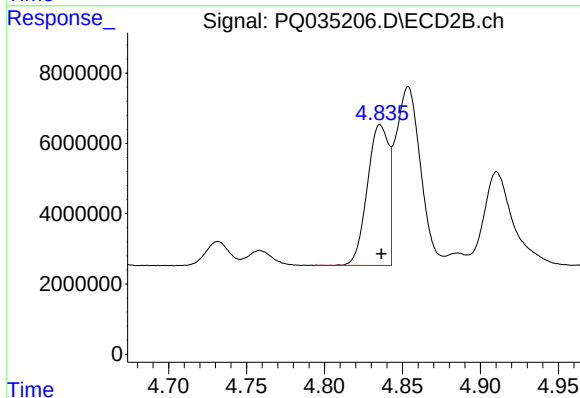
R.T.: 8.745 min
Delta R.T.: -0.002 min
Response: 104116855
Conc: 49.37 ng/ml



#3 AR-1016-1

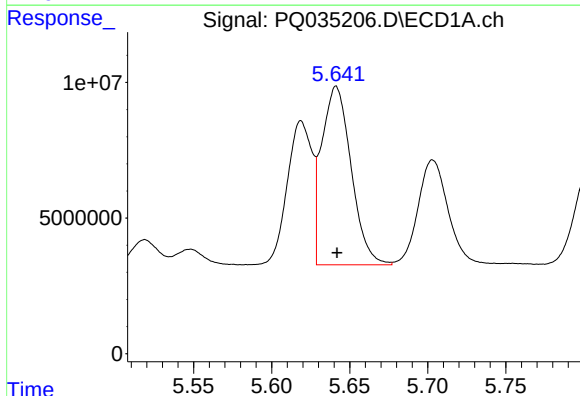
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 58873866
Conc: 492.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



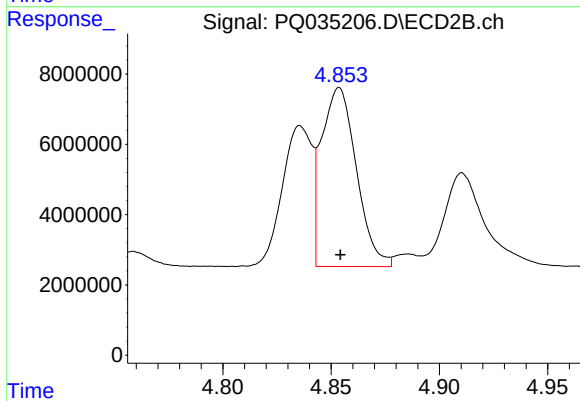
#3 AR-1016-1

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 38042828
Conc: 536.05 ng/ml



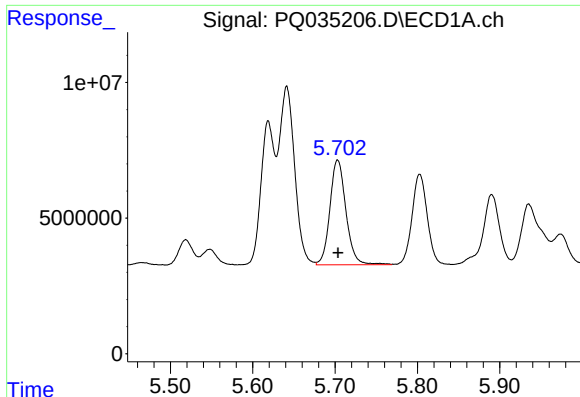
#4 AR-1016-2

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 86377626
Conc: 471.78 ng/ml



#4 AR-1016-2

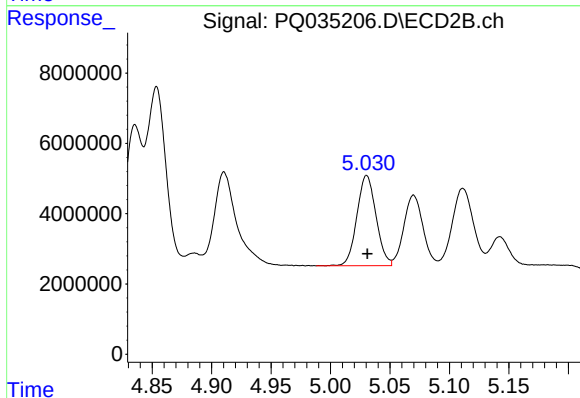
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 57099683
Conc: 552.61 ng/ml



#5 AR-1016-3

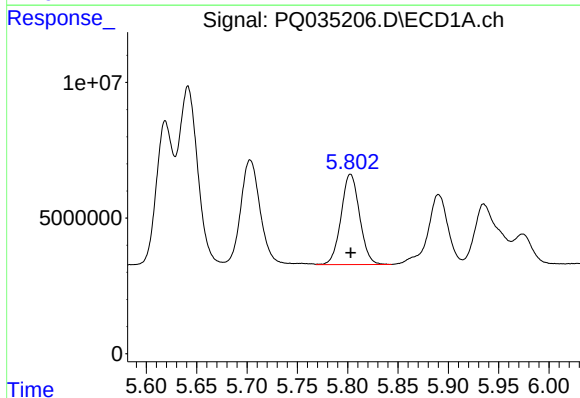
R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 52301273
Conc: 466.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



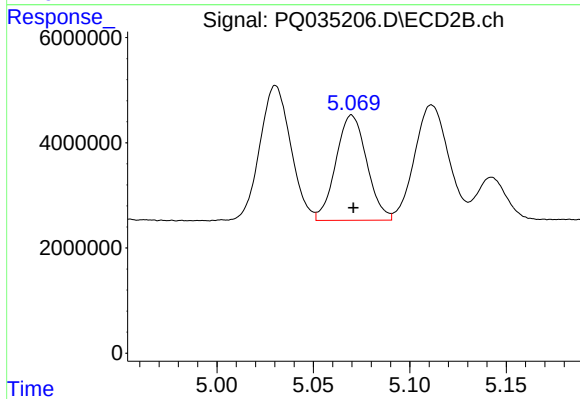
#5 AR-1016-3

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 28736695
Conc: 535.38 ng/ml



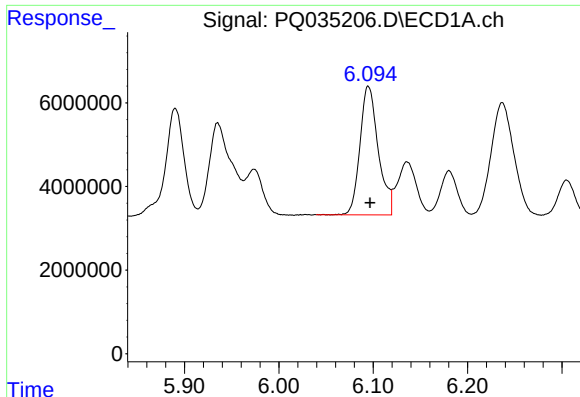
#6 AR-1016-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 42555579
Conc: 470.78 ng/ml



#6 AR-1016-4

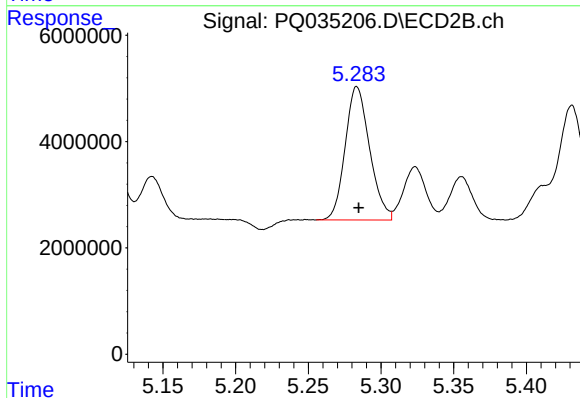
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 22324692
Conc: 517.74 ng/ml



#7 AR-1016-5

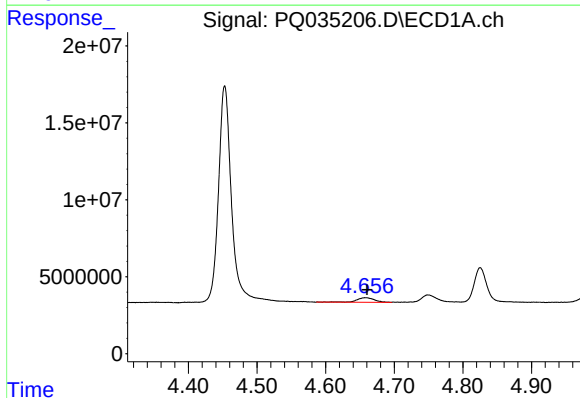
R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 41529047
Conc: 450.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



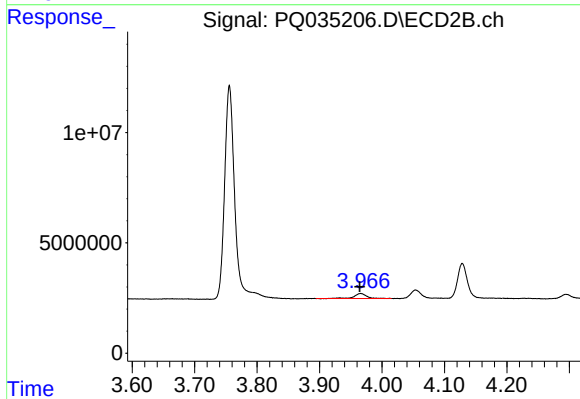
#7 AR-1016-5

R.T.: 5.283 min
Delta R.T.: -0.001 min
Response: 29401794
Conc: 510.88 ng/ml



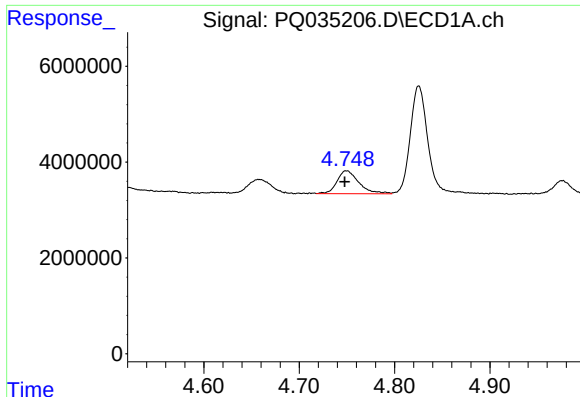
#8 AR-1221-1

R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 5075193
Conc: 149.27 ng/ml



#8 AR-1221-1

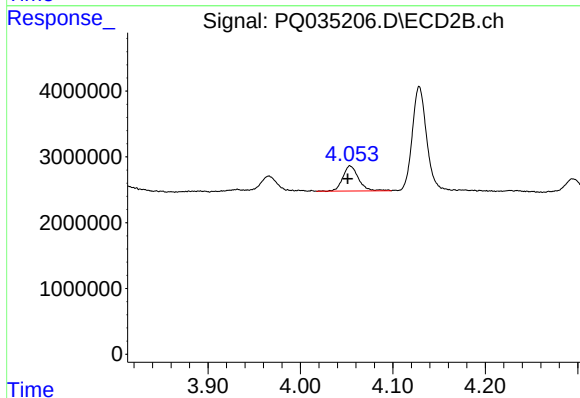
R.T.: 3.966 min
Delta R.T.: 0.002 min
Response: 3200112
Conc: 167.55 ng/ml



#9 AR-1221-2

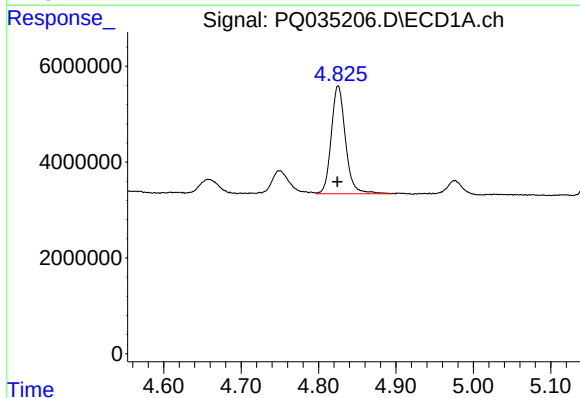
R.T.: 4.750 min
Delta R.T.: 0.002 min
Response: 7620394
Conc: 302.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



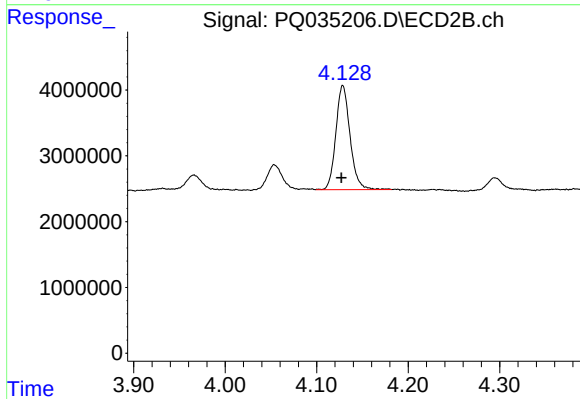
#9 AR-1221-2

R.T.: 4.054 min
Delta R.T.: 0.003 min
Response: 4464881
Conc: 311.69 ng/ml



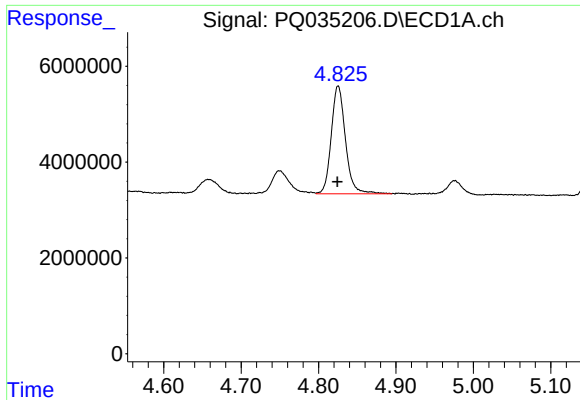
#10 AR-1221-3

R.T.: 4.825 min
Delta R.T.: 0.001 min
Response: 28665679
Conc: 346.82 ng/ml



#10 AR-1221-3

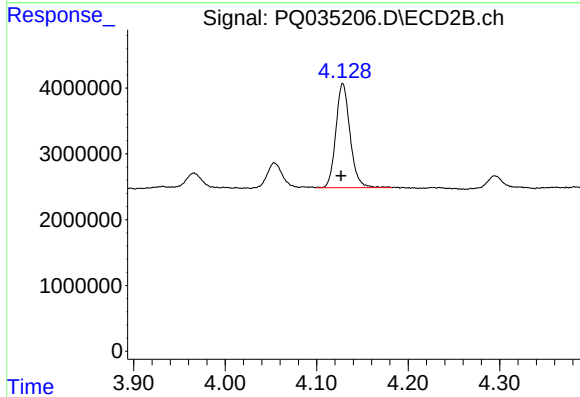
R.T.: 4.129 min
Delta R.T.: 0.002 min
Response: 17052901
Conc: 347.08 ng/ml



#11 AR-1232-1

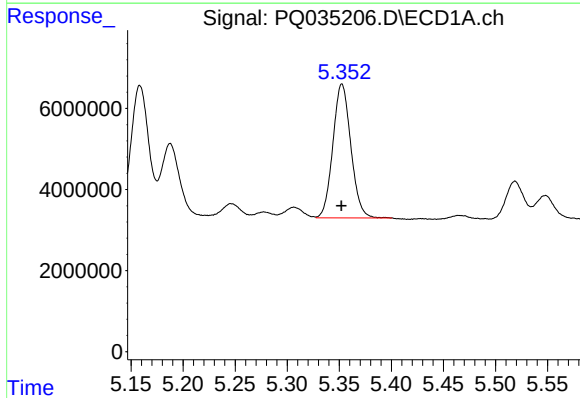
R.T.: 4.825 min
Delta R.T.: 0.001 min
Response: 28665679
Conc: 428.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



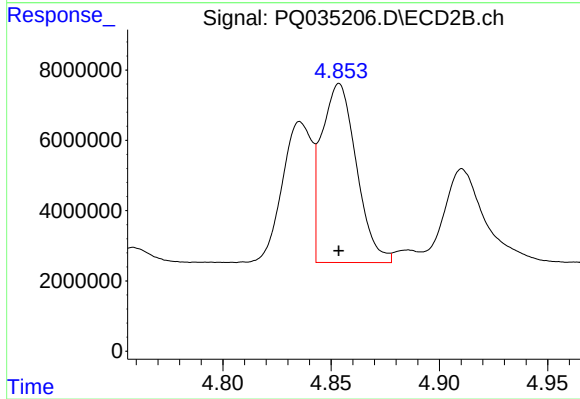
#11 AR-1232-1

R.T.: 4.129 min
Delta R.T.: 0.002 min
Response: 17052901
Conc: 423.58 ng/ml



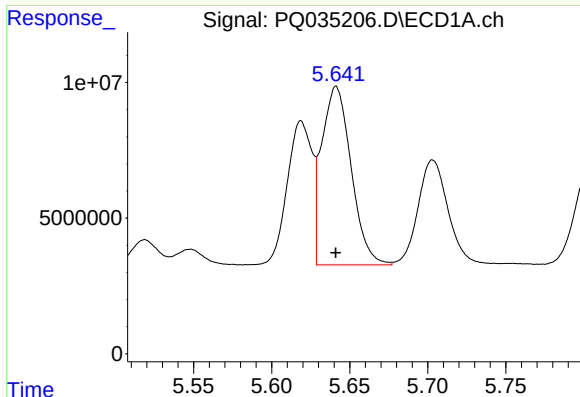
#12 AR-1232-2

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 39629127
Conc: 1114.16 ng/ml



#12 AR-1232-2

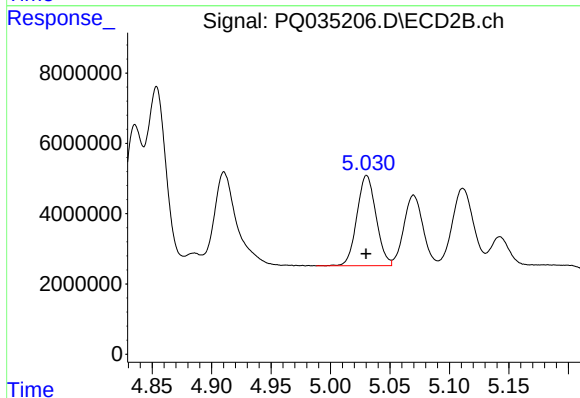
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 57099683
Conc: 1190.40 ng/ml



#13 AR-1232-3

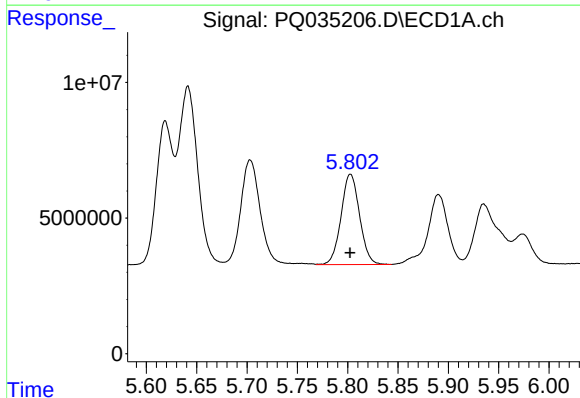
R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 86377626
Conc: 1081.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



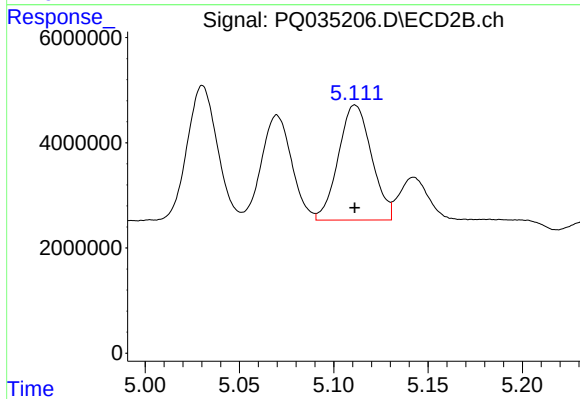
#13 AR-1232-3

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 28736695
Conc: 1198.86 ng/ml



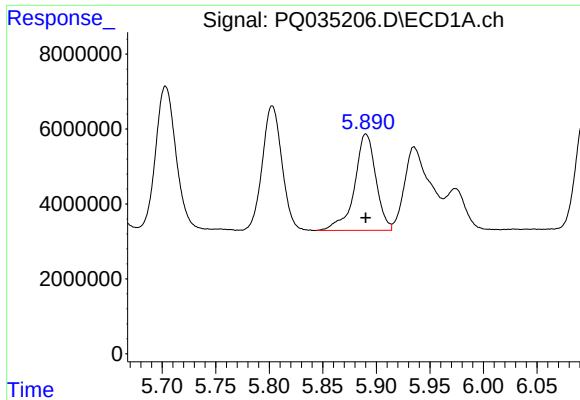
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 42555579
Conc: 1075.06 ng/ml



#14 AR-1232-4

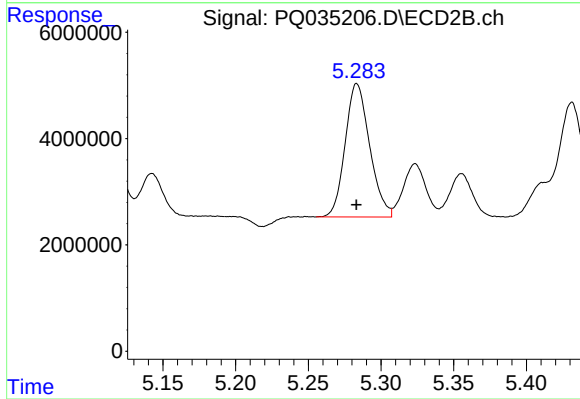
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 26798937
Conc: 1264.64 ng/ml



#15 AR-1232-5

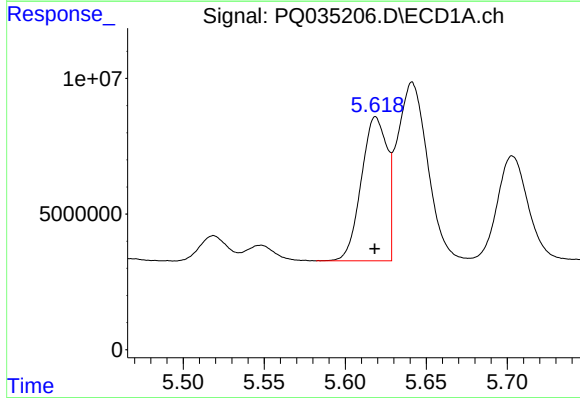
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 35680477
Conc: 1215.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



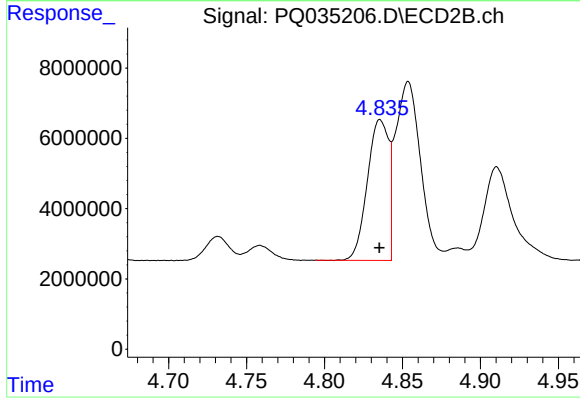
#15 AR-1232-5

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 29401794
Conc: 1249.95 ng/ml



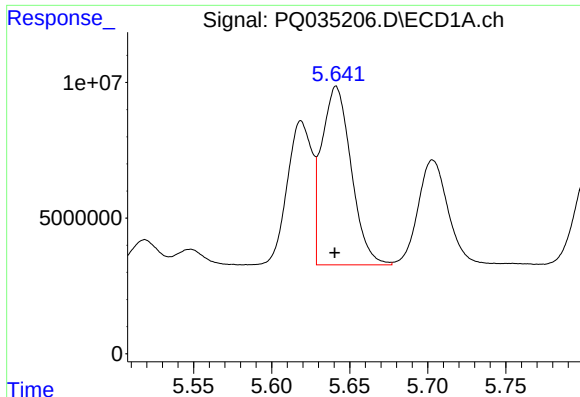
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 58873866
Conc: 583.24 ng/ml



#16 AR-1242-1

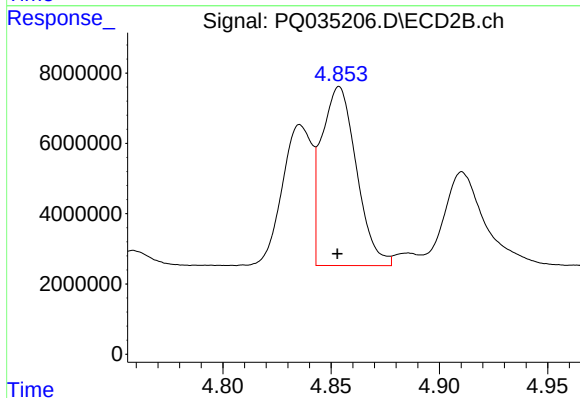
R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 38042828
Conc: 619.01 ng/ml



#17 AR-1242-2

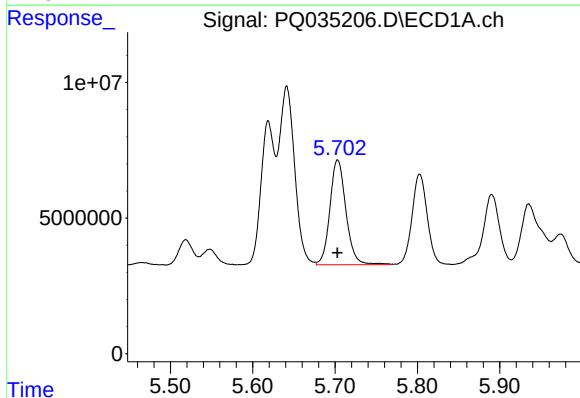
R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 86377626
Conc: 568.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



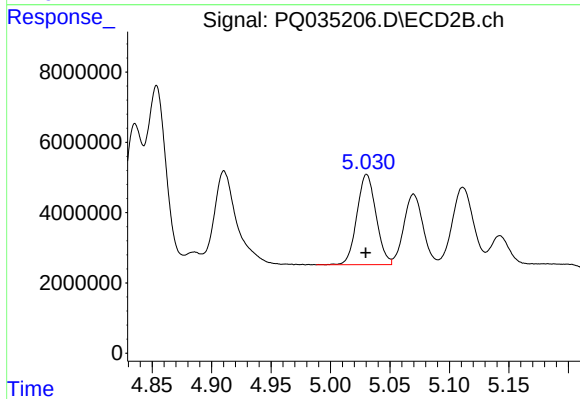
#17 AR-1242-2

R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 57099683
Conc: 626.48 ng/ml



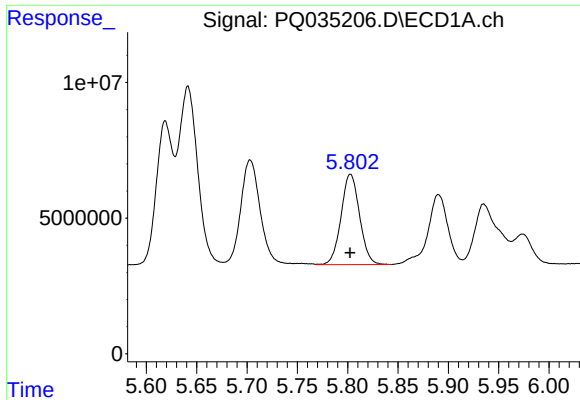
#18 AR-1242-3

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 52301273
Conc: 577.73 ng/ml



#18 AR-1242-3

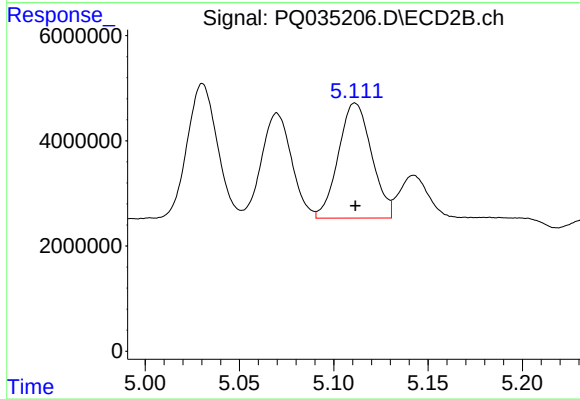
R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 28736695
Conc: 601.14 ng/ml



#19 AR-1242-4

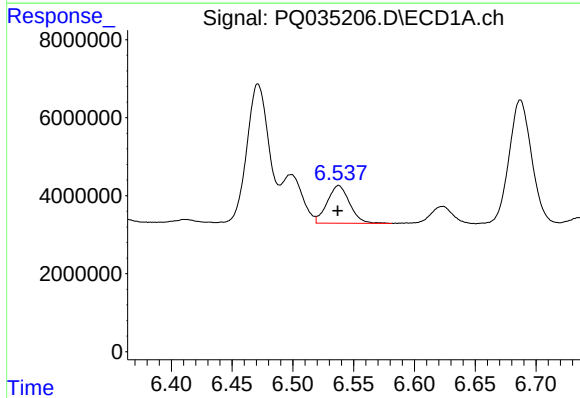
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 42555579
Conc: 571.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



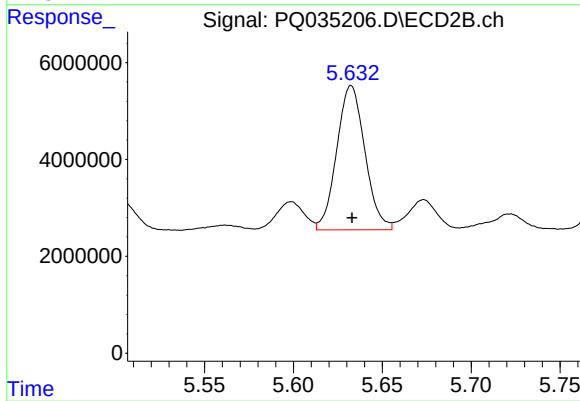
#19 AR-1242-4

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 26798937
Conc: 581.86 ng/ml



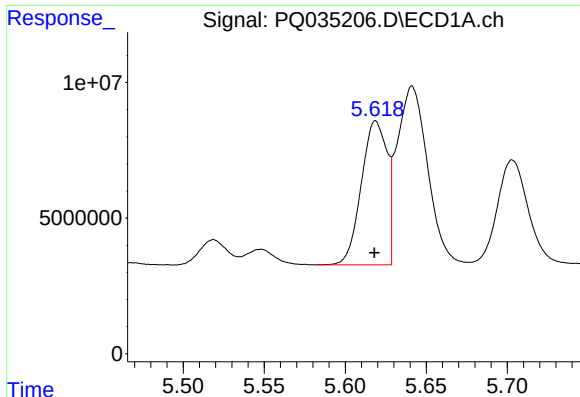
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 12370947
Conc: 145.74 ng/ml



#20 AR-1242-5

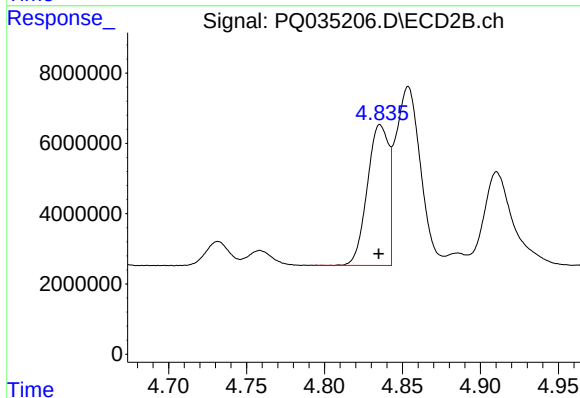
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 32844080
Conc: 558.17 ng/ml



#21 AR-1248-1

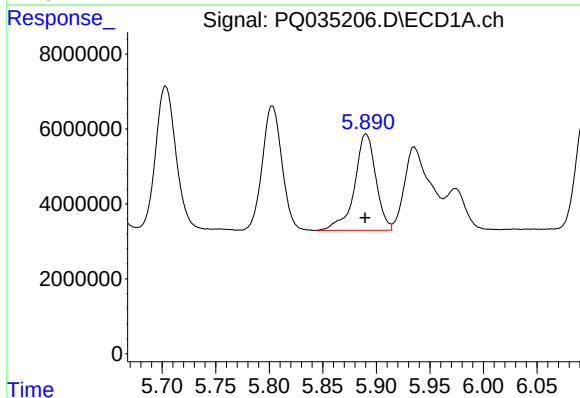
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 58873866
Conc: 786.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



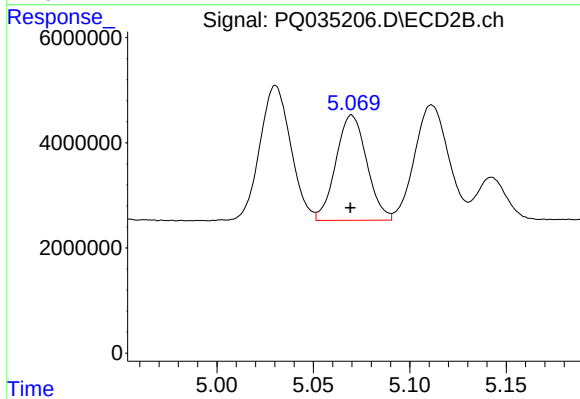
#21 AR-1248-1

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 38042828
Conc: 824.34 ng/ml



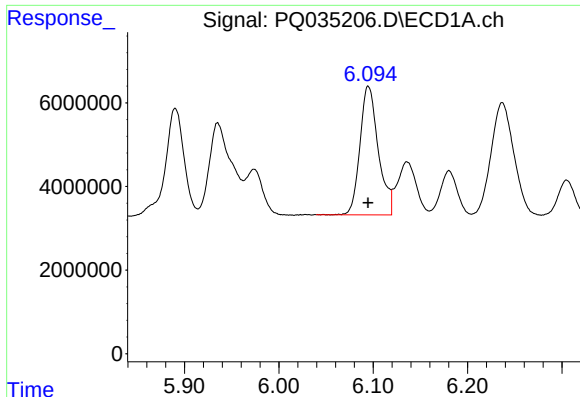
#22 AR-1248-2

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 35680477
Conc: 332.69 ng/ml



#22 AR-1248-2

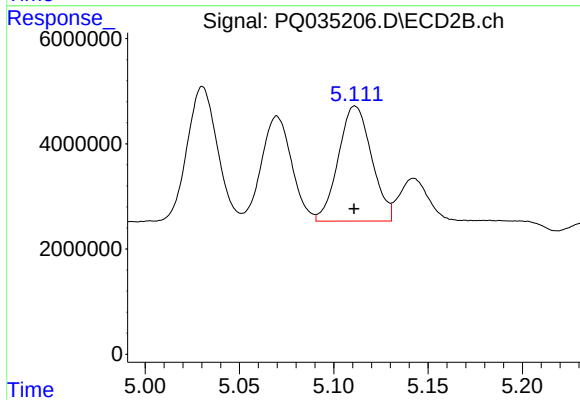
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 22324692
Conc: 358.01 ng/ml



#23 AR-1248-3

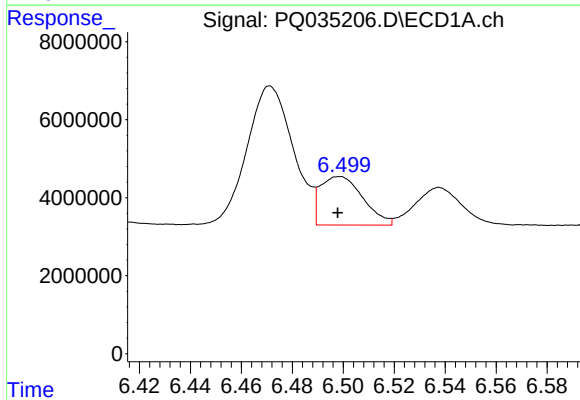
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 41529047
Conc: 330.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



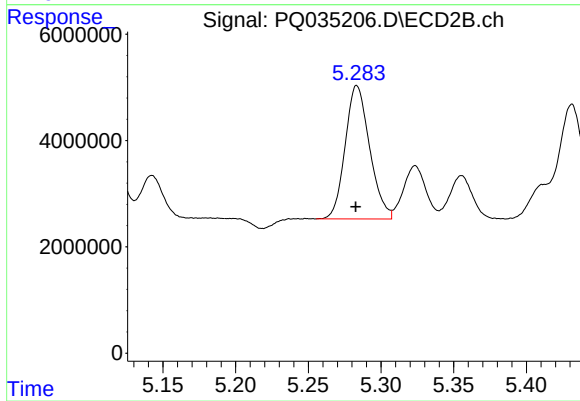
#23 AR-1248-3

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 26798937
Conc: 419.44 ng/ml



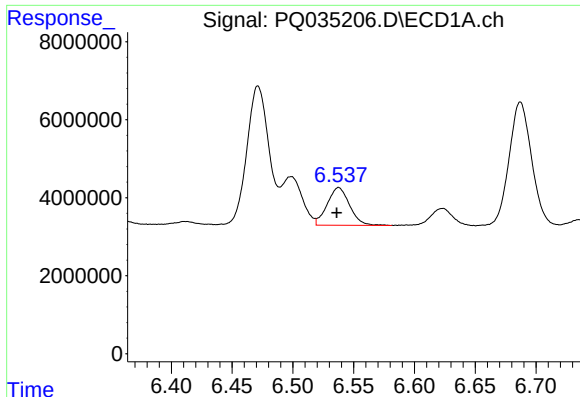
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 14421405
Conc: 100.34 ng/ml



#24 AR-1248-4

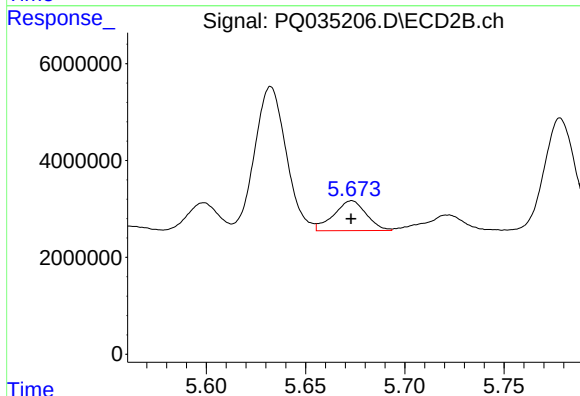
R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 29401794
Conc: 364.73 ng/ml



#25 AR-1248-5

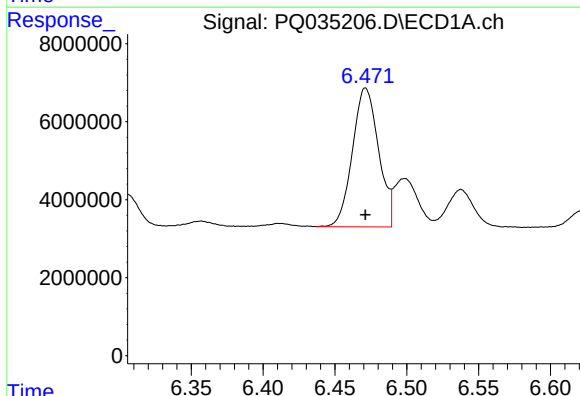
R.T.: 6.538 min
Delta R.T.: 0.002 min
Response: 12370947
Conc: 90.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



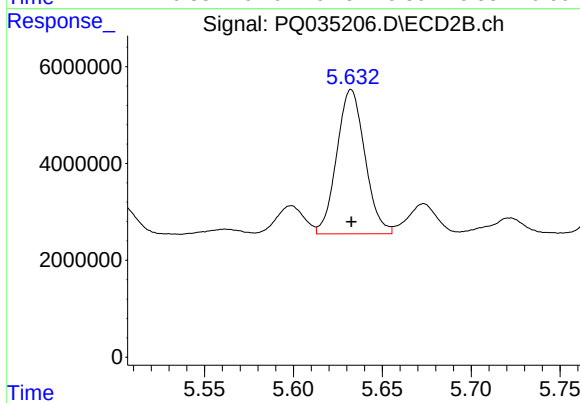
#25 AR-1248-5

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 7063409
Conc: 85.65 ng/ml



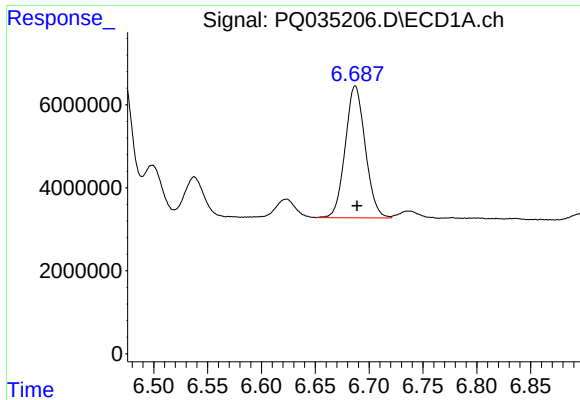
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 44933064
Conc: 285.35 ng/ml



#26 AR-1254-1

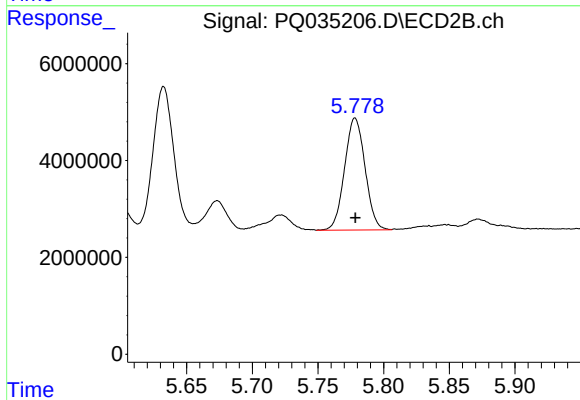
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 32844080
Conc: 232.86 ng/ml



#27 AR-1254-2

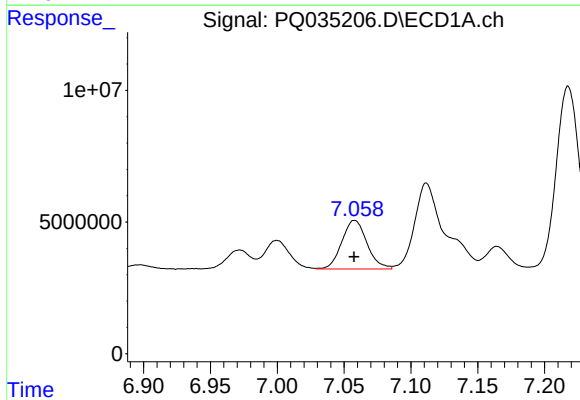
R.T.: 6.687 min
Delta R.T.: -0.002 min
Response: 41148356
Conc: 163.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



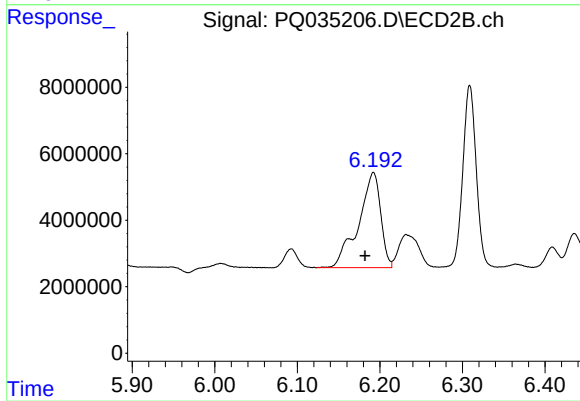
#27 AR-1254-2

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 25076638
Conc: 211.79 ng/ml



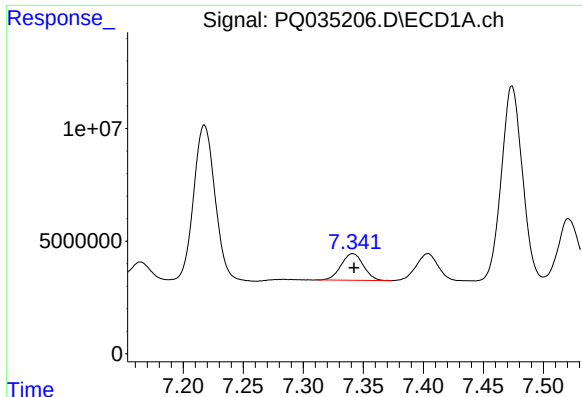
#28 AR-1254-3

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 24196011
Conc: 89.27 ng/ml



#28 AR-1254-3

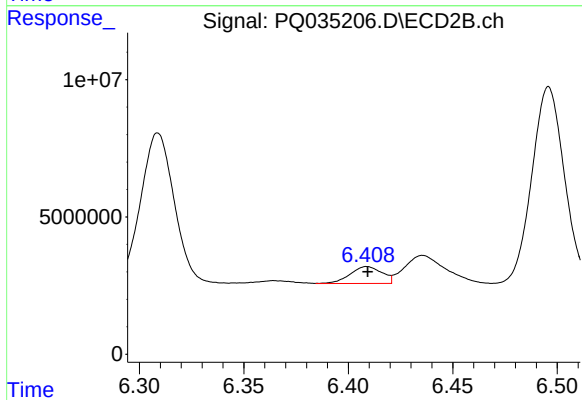
R.T.: 6.192 min
Delta R.T.: 0.010 min
Response: 53512223
Conc: 261.41 ng/ml



#29 AR-1254-4

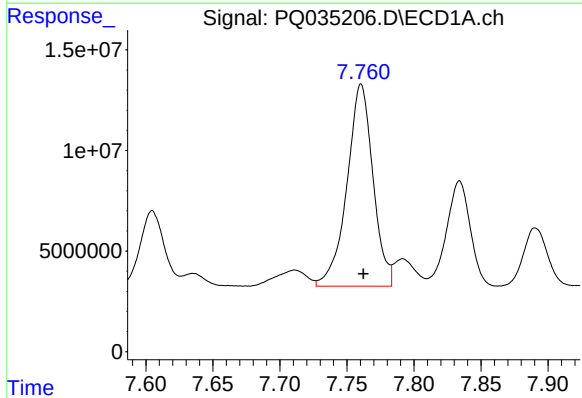
R.T.: 7.341 min
Delta R.T.: -0.001 min
Response: 15309509
Conc: 80.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



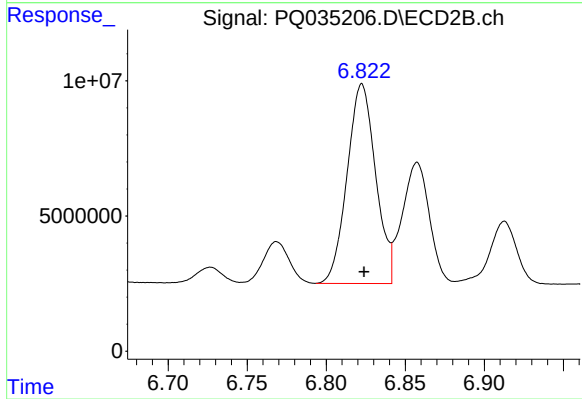
#29 AR-1254-4

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 6519606
Conc: 50.95 ng/ml



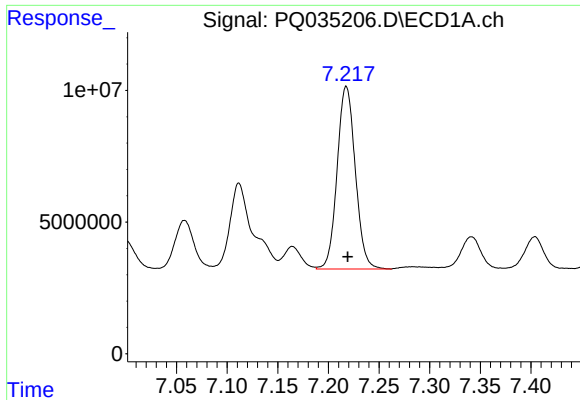
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: -0.002 min
Response: 135755003
Conc: 706.12 ng/ml



#30 AR-1254-5

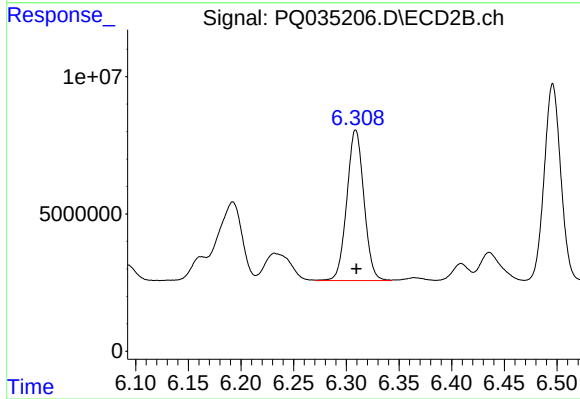
R.T.: 6.823 min
Delta R.T.: -0.001 min
Response: 92708751
Conc: 548.85 ng/ml



#31 AR-1260-1

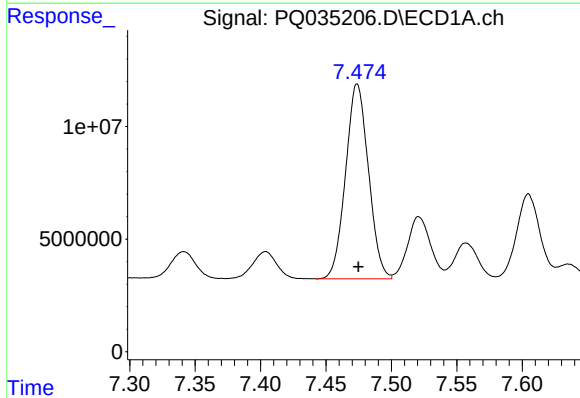
R.T.: 7.218 min
Delta R.T.: -0.002 min
Response: 86545769
Conc: 433.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



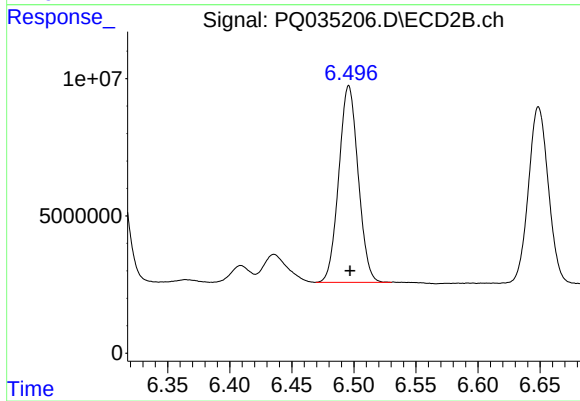
#31 AR-1260-1

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 61970181
Conc: 478.34 ng/ml



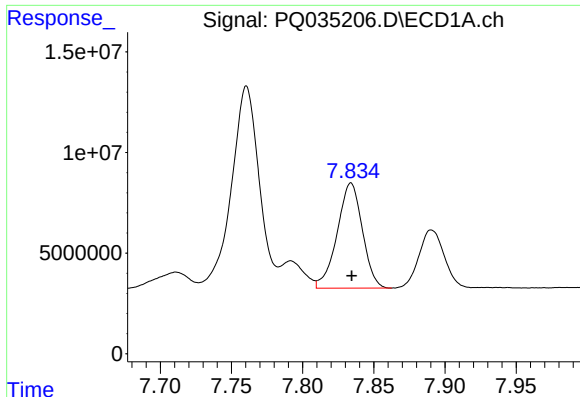
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 105355508
Conc: 459.86 ng/ml



#32 AR-1260-2

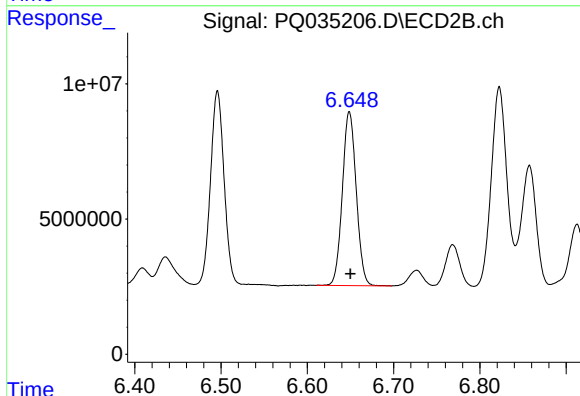
R.T.: 6.496 min
Delta R.T.: -0.001 min
Response: 77778954
Conc: 480.24 ng/ml



#33 AR-1260-3

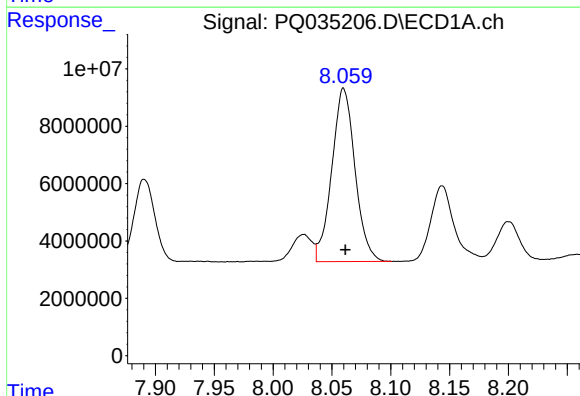
R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 64390021
Conc: 458.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



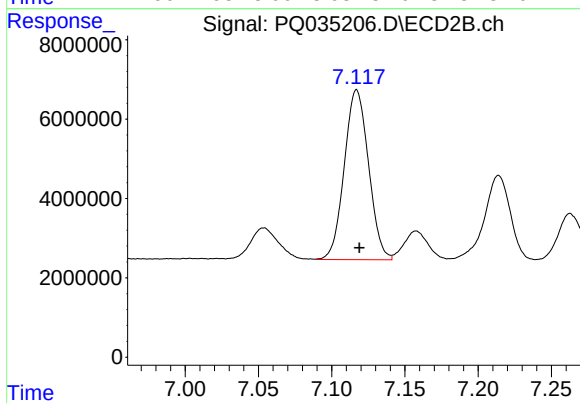
#33 AR-1260-3

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 71949688
Conc: 476.82 ng/ml



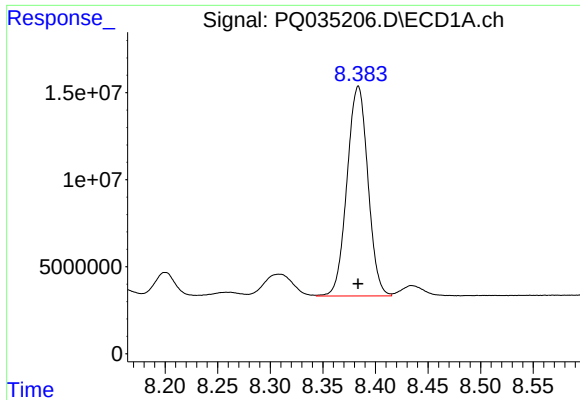
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 83033711
Conc: 461.47 ng/ml



#34 AR-1260-4

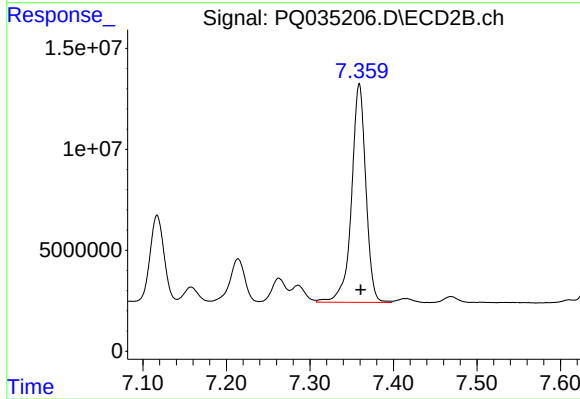
R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 49355245
Conc: 451.27 ng/ml



#35 AR-1260-5

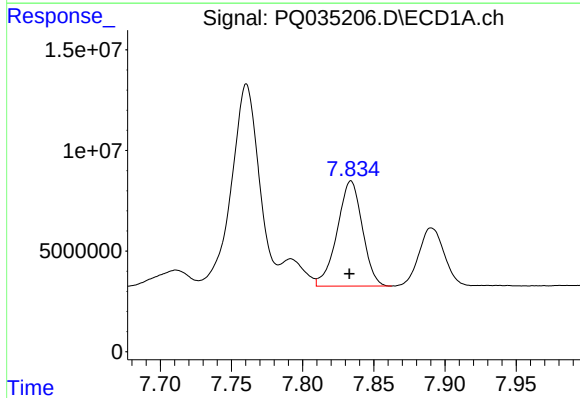
R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 166852925
Conc: 469.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



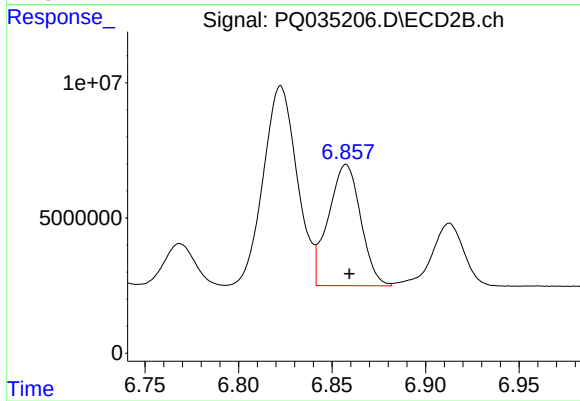
#35 AR-1260-5

R.T.: 7.359 min
Delta R.T.: -0.002 min
Response: 129030639
Conc: 475.32 ng/ml



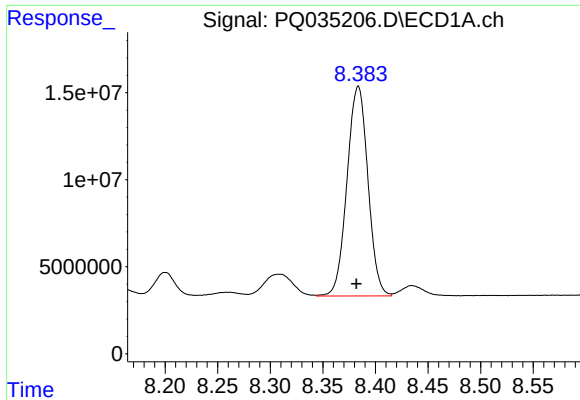
#36 AR-1262-1

R.T.: 7.834 min
Delta R.T.: 0.001 min
Response: 64390021
Conc: 298.63 ng/ml



#36 AR-1262-1

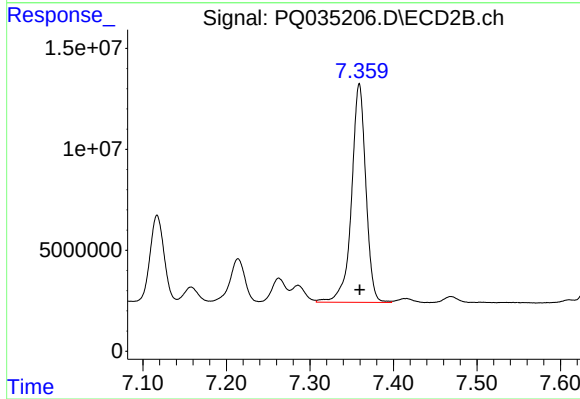
R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 53935946
Conc: 335.14 ng/ml



#37 AR-1262-2

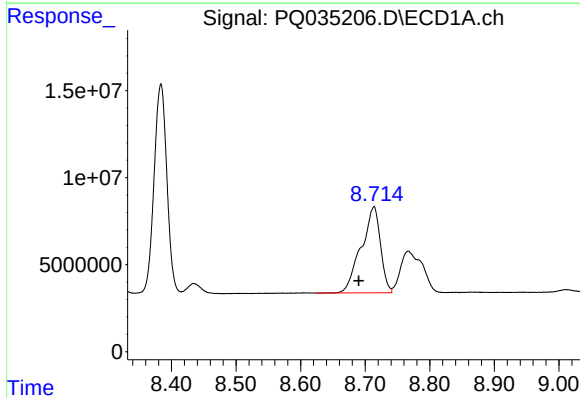
R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 166852925
Conc: 455.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



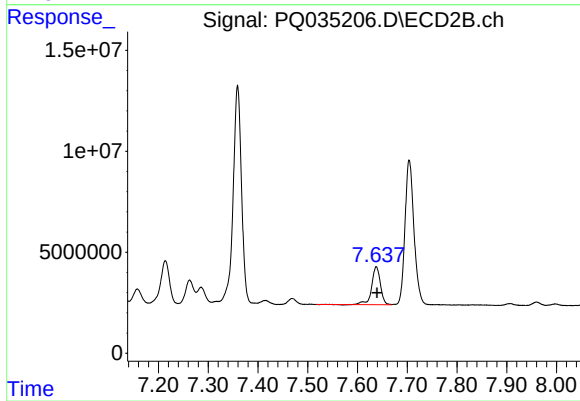
#37 AR-1262-2

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 129030639
Conc: 461.48 ng/ml



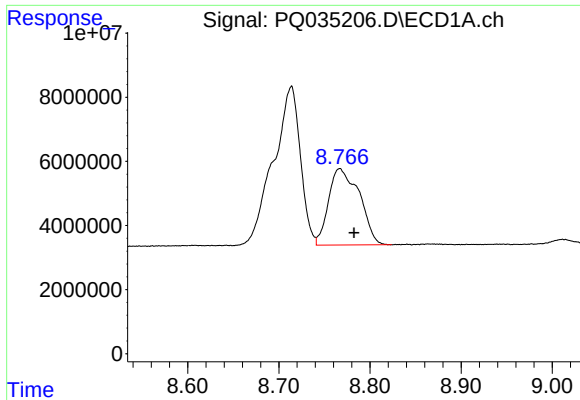
#38 AR-1262-3

R.T.: 8.714 min
Delta R.T.: 0.024 min
Response: 102587770
Conc: 447.78 ng/ml



#38 AR-1262-3

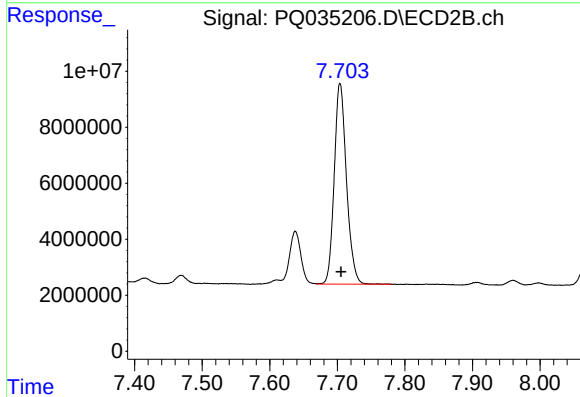
R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 23026236
Conc: 230.55 ng/ml



#39 AR-1262-4

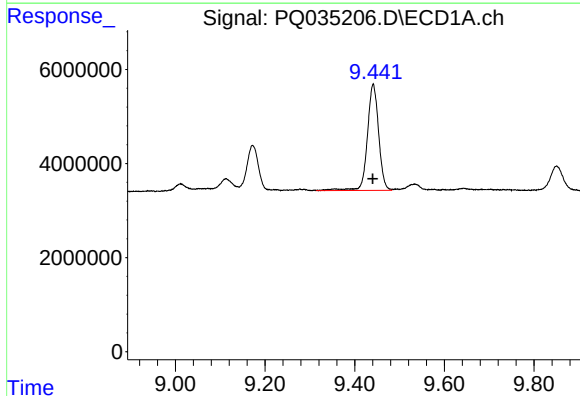
R.T.: 8.767 min
Delta R.T.: -0.016 min
Response: 56062956
Conc: 327.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



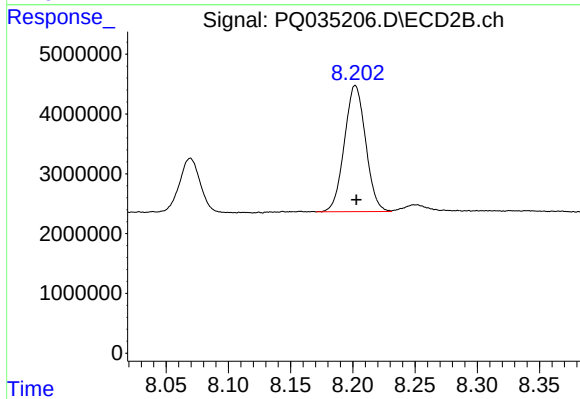
#39 AR-1262-4

R.T.: 7.704 min
Delta R.T.: -0.001 min
Response: 90352650
Conc: 475.21 ng/ml



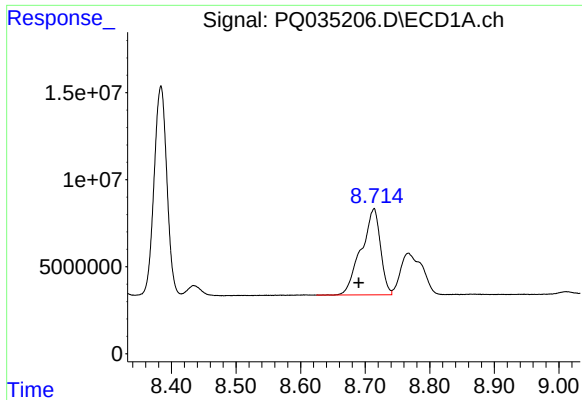
#40 AR-1262-5

R.T.: 9.441 min
Delta R.T.: 0.001 min
Response: 39480552
Conc: 353.22 ng/ml



#40 AR-1262-5

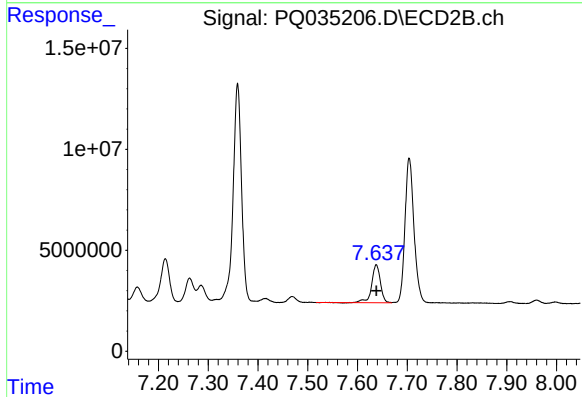
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 25073122
Conc: 327.43 ng/ml



#41 AR-1268-1

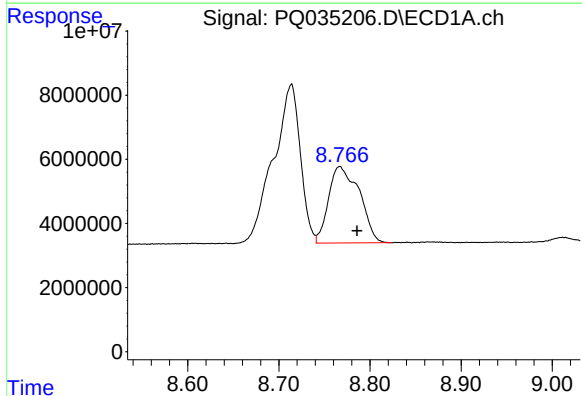
R.T.: 8.714 min
Delta R.T.: 0.023 min
Response: 102587770
Conc: 185.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



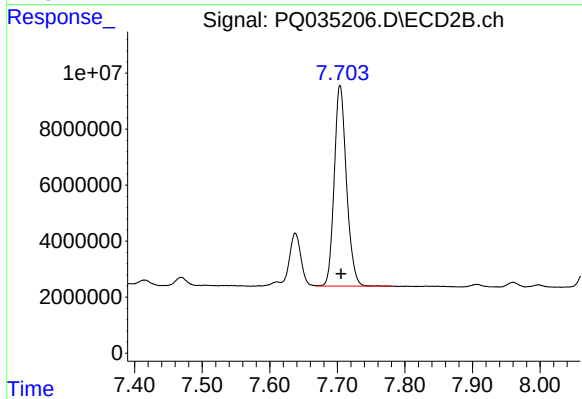
#41 AR-1268-1

R.T.: 7.638 min
Delta R.T.: 0.000 min
Response: 23026236
Conc: 57.42 ng/ml



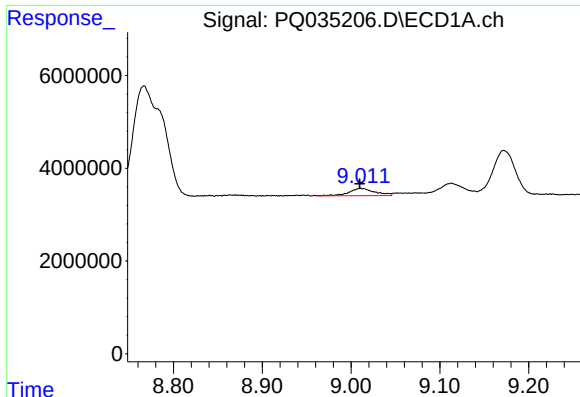
#42 AR-1268-2

R.T.: 8.767 min
Delta R.T.: -0.019 min
Response: 56062956
Conc: 110.81 ng/ml



#42 AR-1268-2

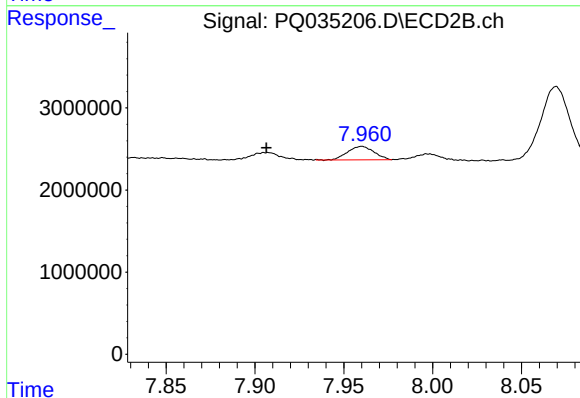
R.T.: 7.704 min
Delta R.T.: -0.002 min
Response: 90352650
Conc: 251.80 ng/ml



#43 AR-1268-3

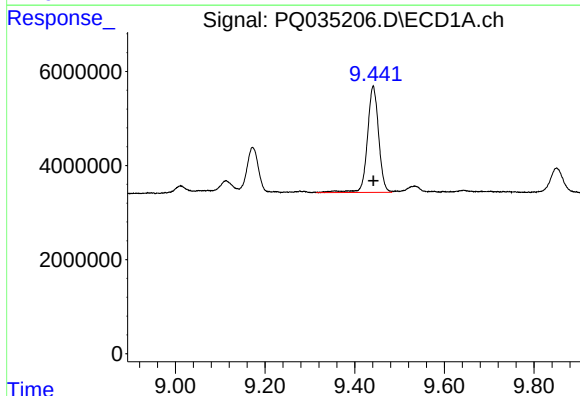
R.T.: 9.011 min
Delta R.T.: 0.002 min
Response: 3206132
Conc: 7.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



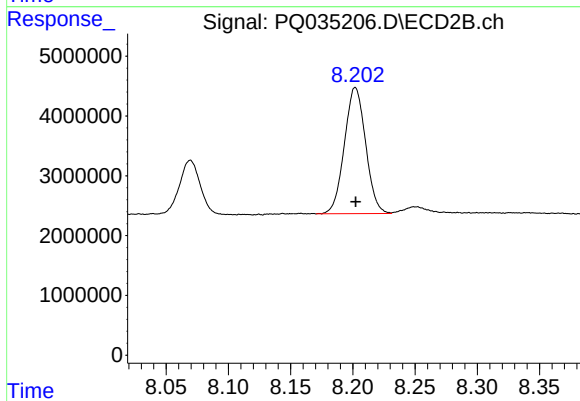
#43 AR-1268-3

R.T.: 7.960 min
Delta R.T.: 0.054 min
Response: 1698619
Conc: 5.93 ng/ml



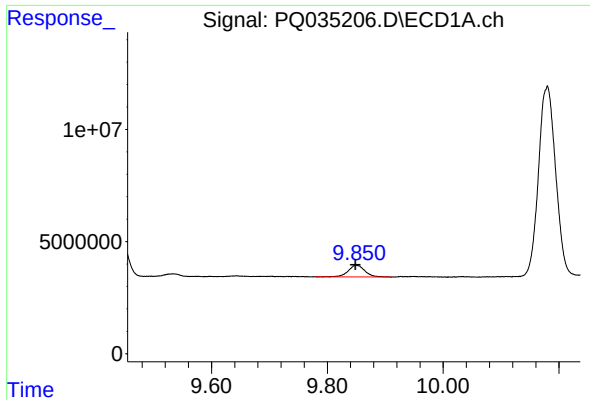
#44 AR-1268-4

R.T.: 9.441 min
Delta R.T.: 0.000 min
Response: 39480552
Conc: 248.12 ng/ml



#44 AR-1268-4

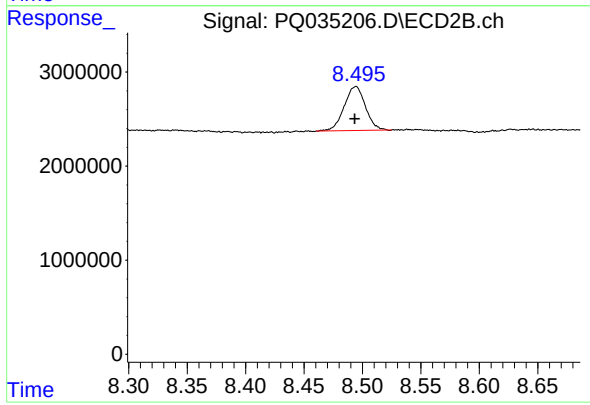
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 25073122
Conc: 227.89 ng/ml



#45 AR-1268-5

R.T.: 9.850 min
Delta R.T.: 0.002 min
Response: 10367760
Conc: 8.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 5898082
Conc: 7.34 ng/ml