

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
 Data File : PQ040374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2019 21:05
 Operator : SM\AJ
 Sample : K3078-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMW7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 03:50:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.590	4.731	36593733	28267683	11.171	13.161
2)	SA Decachlor...	11.892	10.448	129.0E6	77378136	18.054	18.609
Target Compounds							
3)	L1 AR-1016-1	7.070	6.195	19279655	13644800	115.245	106.369
4)	L1 AR-1016-2	7.070	6.195	19279655	13644800	73.334	70.694
5)	L1 AR-1016-3	7.141	6.411	5284092	11716746	30.959	108.640 #
6)	L1 AR-1016-4	7.290	6.463	424864	51037213	3.074	599.387 #
7)	L1 AR-1016-5	7.624	6.715	24544106	56208892	176.927	488.178 #
9)	L2 AR-1221-2	5.987	5.146	1781646	404316	80.867	24.823 #
10)	L2 AR-1221-3	0.000	5.256	0	644204	N.D.	10.594 #
11)	L3 AR-1232-1	0.000	5.256	0	644204	N.D.	14.058 #
12)	L3 AR-1232-2	6.721	6.195	5128046	13644800	129.341	227.464 #
13)	L3 AR-1232-3	7.070	6.411	19279655	11716746	238.574	333.167 #
14)	L3 AR-1232-4	7.290	6.510	424864	36271511	10.165	1227.535 #
15)	L3 AR-1232-5	7.350	6.715	65616249	56208892	2070.404	1867.133
16)	L4 AR-1242-1	7.070	6.195	19279655	13644800	198.850	184.519
17)	L4 AR-1242-2	7.070	6.195	19279655	13644800	133.406	128.169
18)	L4 AR-1242-3	7.141	6.411	5284092	11716746	56.763	194.229 #
19)	L4 AR-1242-4	7.290	6.510	424864	36271511	5.649	608.578 #
20)	L4 AR-1242-5	8.068	7.123	62494249	61854484	720.863	767.536
21)	L5 AR-1248-1	7.070	6.195	19279655	13644800	249.083	236.793
22)	L5 AR-1248-2	7.350	6.463	65616249	51037213	582.572	580.499
23)	L5 AR-1248-3	7.624	6.510	24544106	36271511	177.821	400.863 #
24)	L5 AR-1248-4	8.068	6.715	62494249	56208892	413.952	509.003
25)	L5 AR-1248-5	8.068	7.170	62494249	39750672	415.083	350.116
26)	L6 AR-1254-1	8.027	7.123	35923691	61854484	205.991	322.939 #
27)	L6 AR-1254-2	8.235	7.291	102.2E6	46981173	369.434	270.426 #
28)	L6 AR-1254-3	8.628	7.738	99653578	97065928	335.778	335.889
29)	L6 AR-1254-4	8.930	7.988	47797564	47192287	229.985	264.312
30)	L6 AR-1254-5	9.397	8.431	6984214	47319154	24.251	183.671 #
31)	L7 AR-1260-1	8.797	7.876	27131806	45408170	81.622	165.640 #
32)	L7 AR-1260-2	9.068	8.082	39218357	28827081	97.083	83.335
33)	L7 AR-1260-3	9.440	8.244	20665187	26580679	62.643	82.882 #
34)	L7 AR-1260-4	9.677	8.740	28712345	14910455	77.910	54.874 #
35)	L7 AR-1260-5	10.075	8.995	2877881	44049600	3.737	65.532 #
36)	L8 AR-1262-1	9.501	8.524	10070567	12355653	72.443	108.816 #
37)	L8 AR-1262-2	10.018	8.995	43173797	44049600	74.598	88.785
38)	L8 AR-1262-3	10.367	9.285	29543529	7440862	69.873	35.390 #
39)	L8 AR-1262-4	10.422	9.353	16695768	28649047	44.204	75.666 #
40)	L8 AR-1262-5	11.127	9.874	13397136	10059933	57.019	62.048
41)	L9 AR-1268-1	10.367	9.285	29543529	7440862	49.045	16.306 #
42)	L9 AR-1268-2	10.422	9.353	16695768	28649047	27.134	65.531 #
43)	L9 AR-1268-3	0.000	9.560	0	894351	N.D.	2.382 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052919\
Data File : PQ040374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2019 21:05
Operator : SM\AJ
Sample : K3078-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

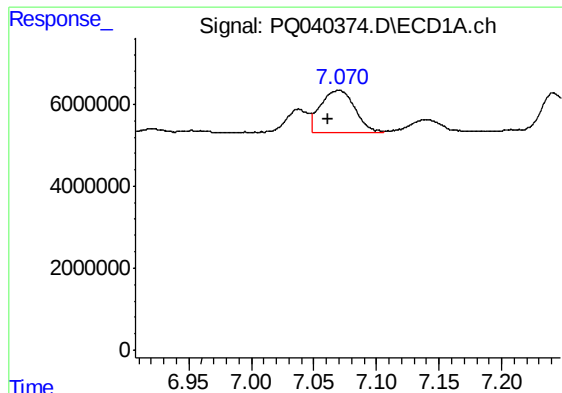
Instrument :
ECD_Q
ClientSampleId :
ETMW7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 03:50:58 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	11.127	9.874	13397136	10059933	65.684	73.012
45)	L9 AR-1268-5	11.551	10.182	4898377	4199728	2.651	3.558 #

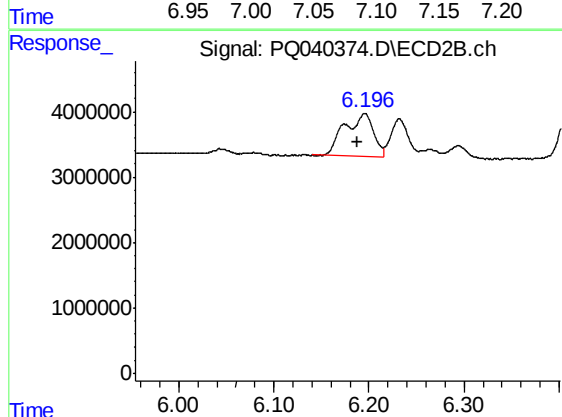
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

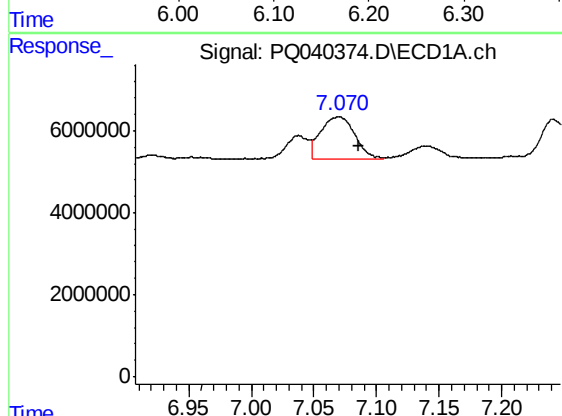
R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 19279655
Conc: 115.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



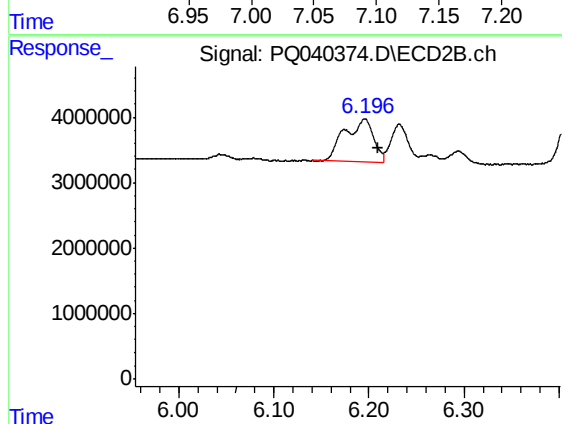
#3 AR-1016-1

R.T.: 6.195 min
Delta R.T.: 0.008 min
Response: 13644800
Conc: 106.37 ng/ml



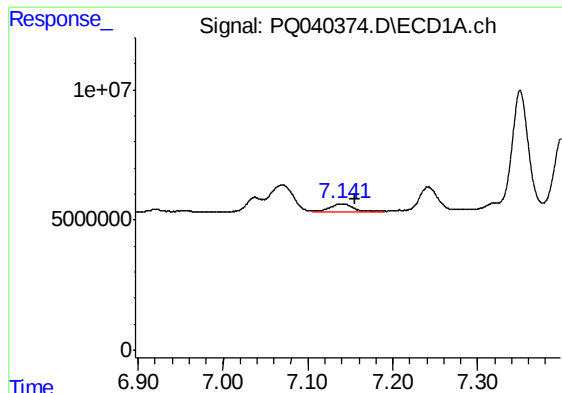
#4 AR-1016-2

R.T.: 7.070 min
Delta R.T.: -0.016 min
Response: 19279655
Conc: 73.33 ng/ml



#4 AR-1016-2

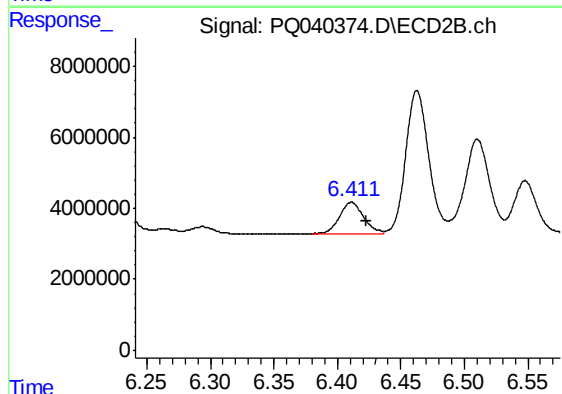
R.T.: 6.195 min
Delta R.T.: -0.014 min
Response: 13644800
Conc: 70.69 ng/ml



#5 AR-1016-3

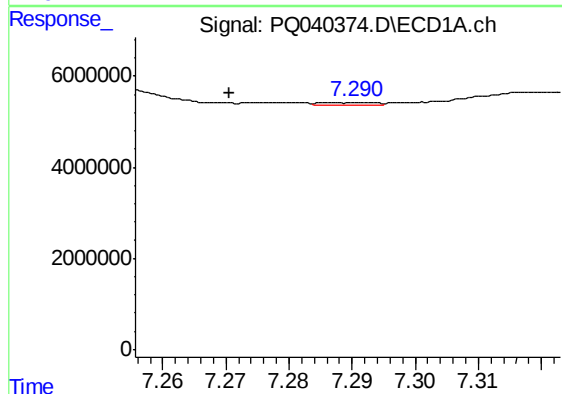
R.T.: 7.141 min
Delta R.T.: -0.015 min
Response: 5284092
Conc: 30.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



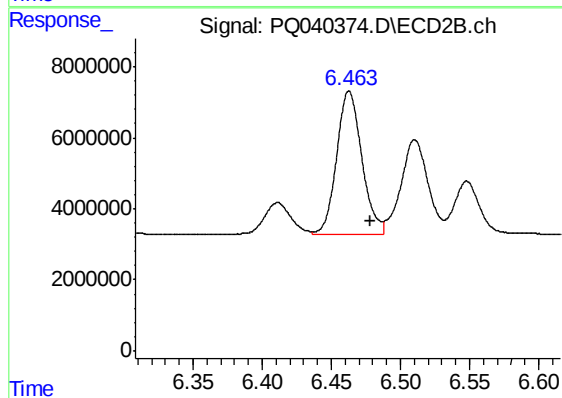
#5 AR-1016-3

R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 11716746
Conc: 108.64 ng/ml



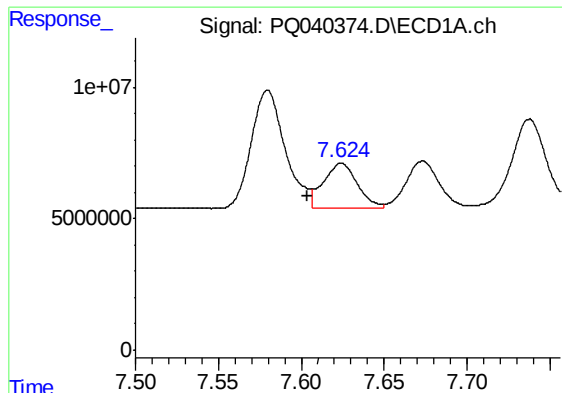
#6 AR-1016-4

R.T.: 7.290 min
Delta R.T.: 0.020 min
Response: 424864
Conc: 3.07 ng/ml



#6 AR-1016-4

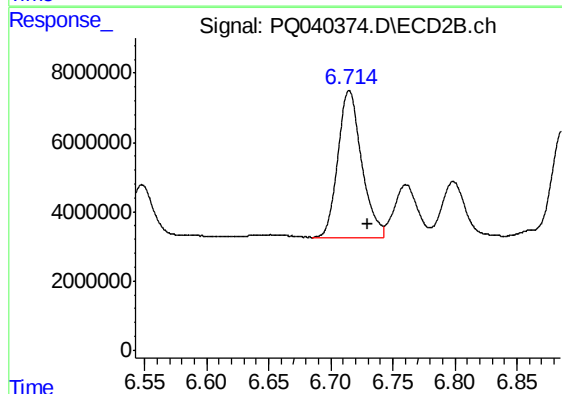
R.T.: 6.463 min
Delta R.T.: -0.015 min
Response: 51037213
Conc: 599.39 ng/ml



#7 AR-1016-5

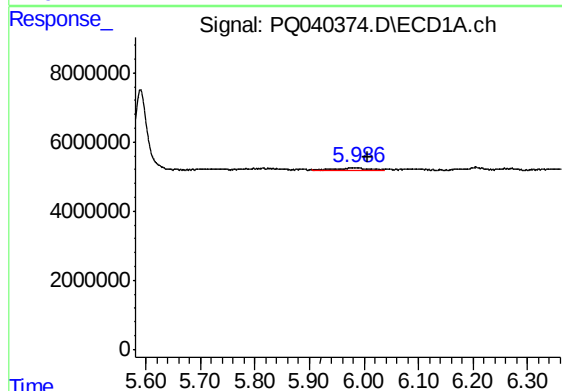
R.T.: 7.624 min
Delta R.T.: 0.021 min
Response: 24544106
Conc: 176.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



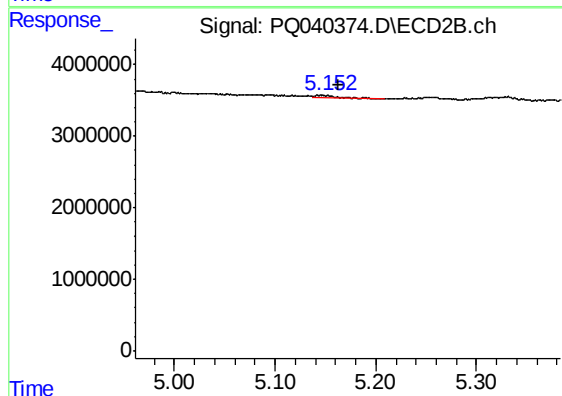
#7 AR-1016-5

R.T.: 6.715 min
Delta R.T.: -0.015 min
Response: 56208892
Conc: 488.18 ng/ml



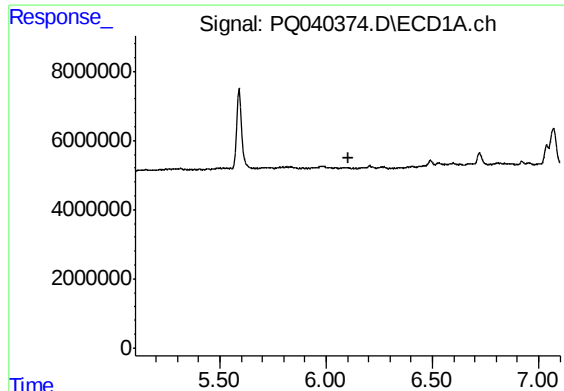
#9 AR-1221-2

R.T.: 5.987 min
Delta R.T.: -0.019 min
Response: 1781646
Conc: 80.87 ng/ml



#9 AR-1221-2

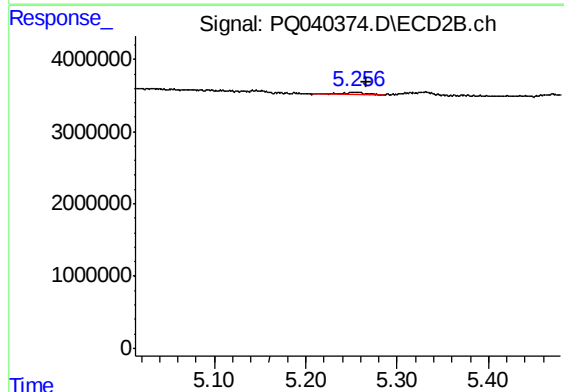
R.T.: 5.146 min
Delta R.T.: -0.017 min
Response: 404316
Conc: 24.82 ng/ml



#10 AR-1221-3

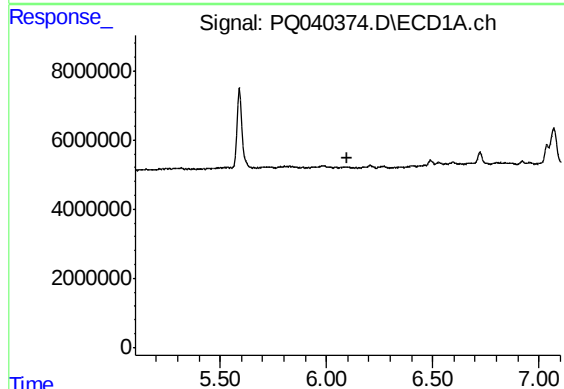
R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMW7



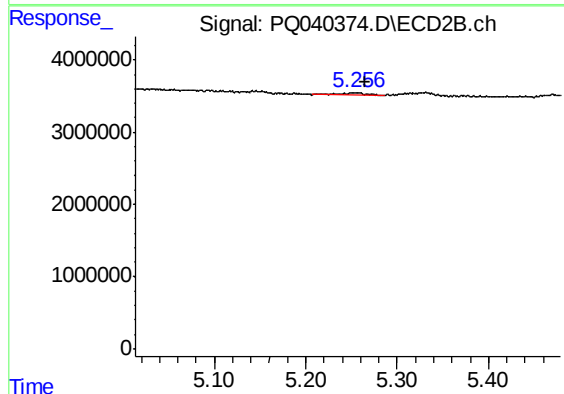
#10 AR-1221-3

R.T.: 5.256 min
Delta R.T.: -0.010 min
Response: 644204
Conc: 10.59 ng/ml



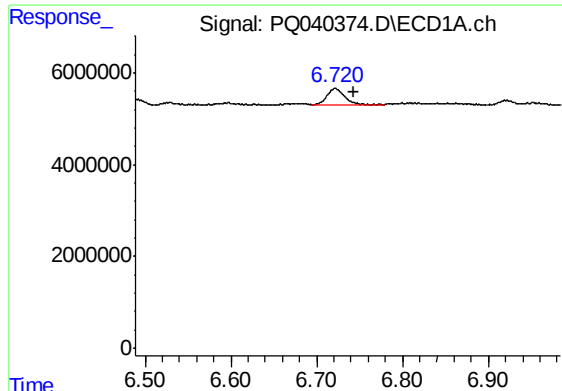
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.101 min
Response: 0
Conc: N.D.



#11 AR-1232-1

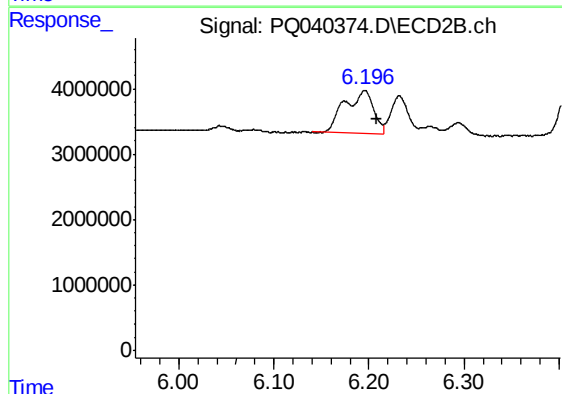
R.T.: 5.256 min
Delta R.T.: -0.009 min
Response: 644204
Conc: 14.06 ng/ml



#12 AR-1232-2

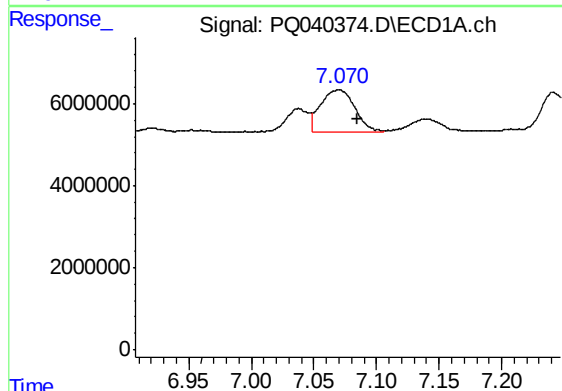
R.T.: 6.721 min
Delta R.T.: -0.022 min
Response: 5128046
Conc: 129.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



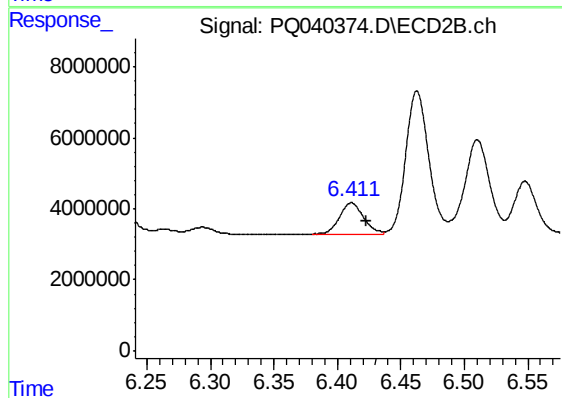
#12 AR-1232-2

R.T.: 6.195 min
Delta R.T.: -0.013 min
Response: 13644800
Conc: 227.46 ng/ml



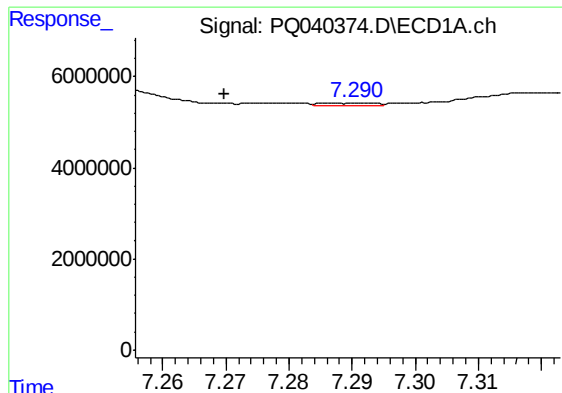
#13 AR-1232-3

R.T.: 7.070 min
Delta R.T.: -0.015 min
Response: 19279655
Conc: 238.57 ng/ml



#13 AR-1232-3

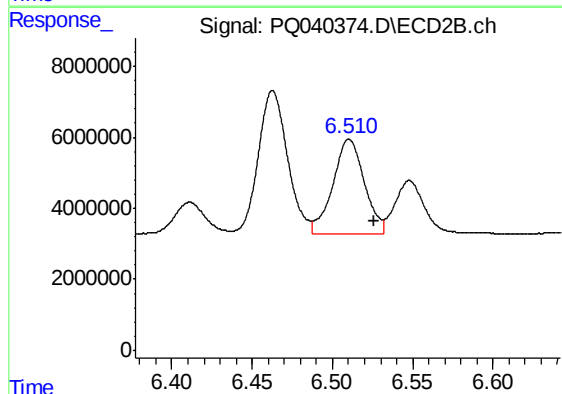
R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 11716746
Conc: 333.17 ng/ml



#14 AR-1232-4

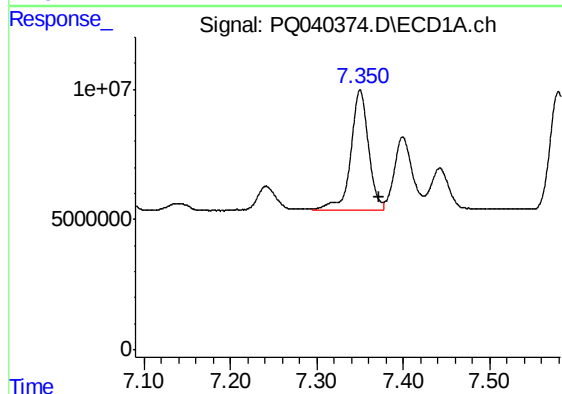
R.T.: 7.290 min
Delta R.T.: 0.021 min
Response: 424864
Conc: 10.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



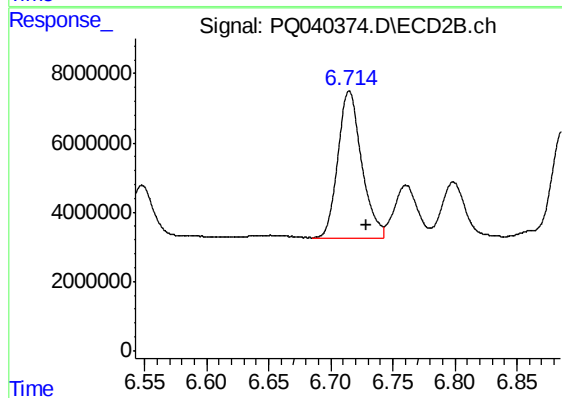
#14 AR-1232-4

R.T.: 6.510 min
Delta R.T.: -0.015 min
Response: 36271511
Conc: 1227.53 ng/ml



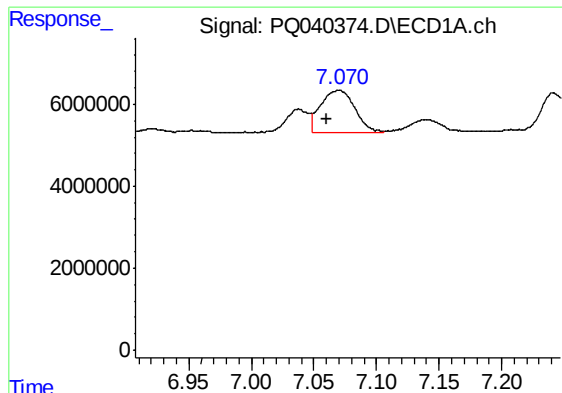
#15 AR-1232-5

R.T.: 7.350 min
Delta R.T.: -0.022 min
Response: 65616249
Conc: 2070.40 ng/ml



#15 AR-1232-5

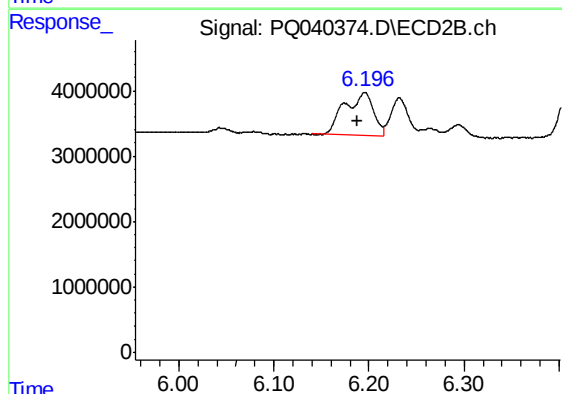
R.T.: 6.715 min
Delta R.T.: -0.014 min
Response: 56208892
Conc: 1867.13 ng/ml



#16 AR-1242-1

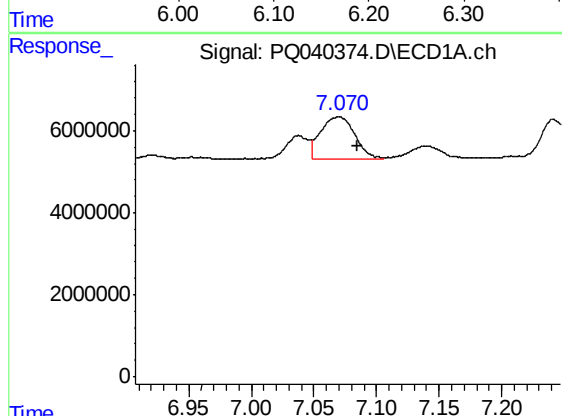
R.T.: 7.070 min
Delta R.T.: 0.010 min
Response: 19279655
Conc: 198.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



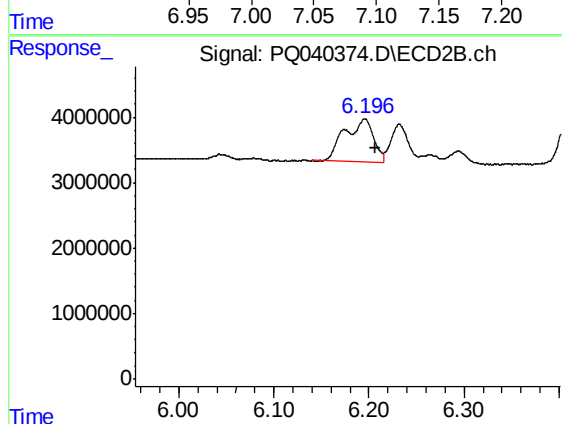
#16 AR-1242-1

R.T.: 6.195 min
Delta R.T.: 0.008 min
Response: 13644800
Conc: 184.52 ng/ml



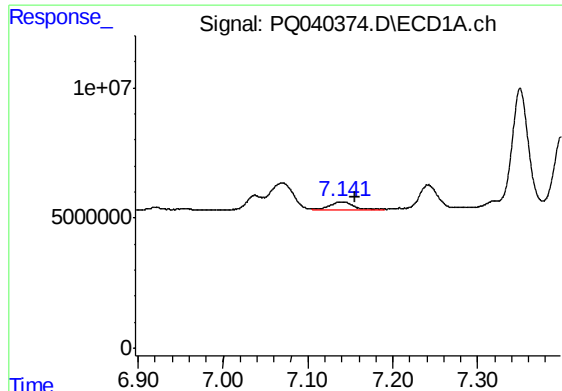
#17 AR-1242-2

R.T.: 7.070 min
Delta R.T.: -0.015 min
Response: 19279655
Conc: 133.41 ng/ml



#17 AR-1242-2

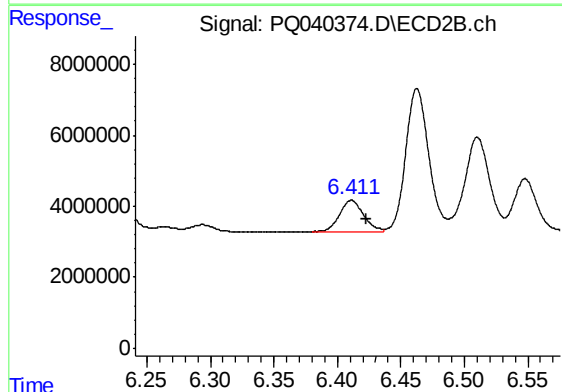
R.T.: 6.195 min
Delta R.T.: -0.012 min
Response: 13644800
Conc: 128.17 ng/ml



#18 AR-1242-3

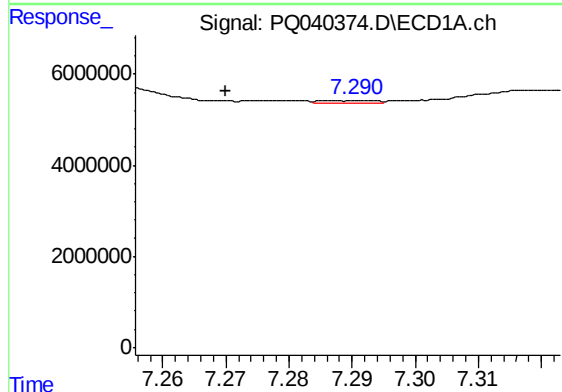
R.T.: 7.141 min
Delta R.T.: -0.014 min
Response: 5284092
Conc: 56.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



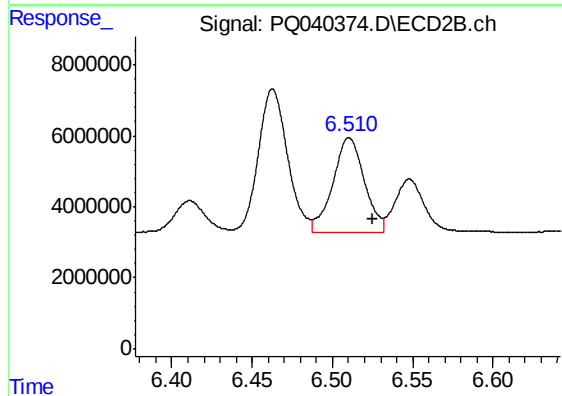
#18 AR-1242-3

R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 11716746
Conc: 194.23 ng/ml



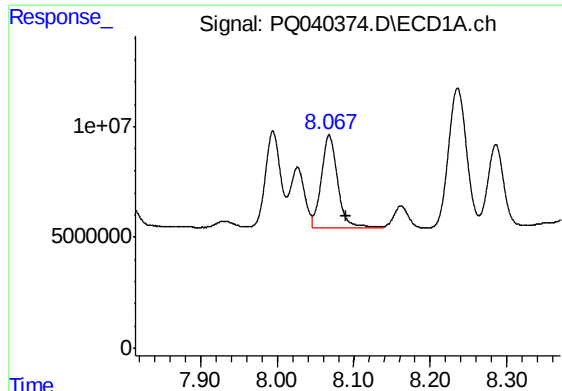
#19 AR-1242-4

R.T.: 7.290 min
Delta R.T.: 0.020 min
Response: 424864
Conc: 5.65 ng/ml



#19 AR-1242-4

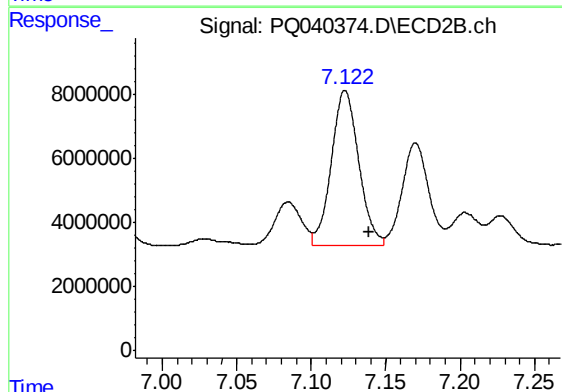
R.T.: 6.510 min
Delta R.T.: -0.015 min
Response: 36271511
Conc: 608.58 ng/ml



#20 AR-1242-5

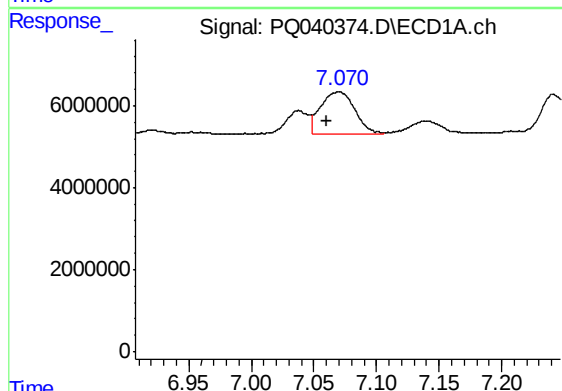
R.T.: 8.068 min
Delta R.T.: -0.022 min
Response: 62494249
Conc: 720.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



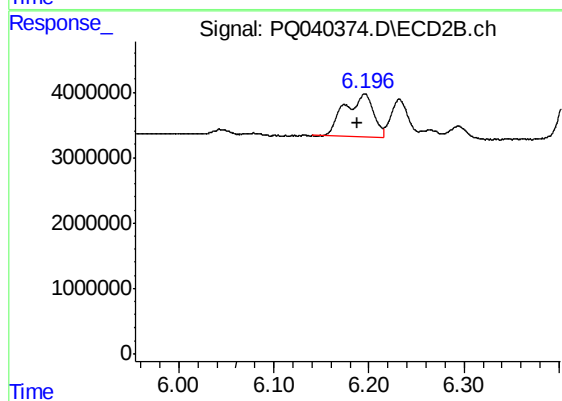
#20 AR-1242-5

R.T.: 7.123 min
Delta R.T.: -0.016 min
Response: 61854484
Conc: 767.54 ng/ml



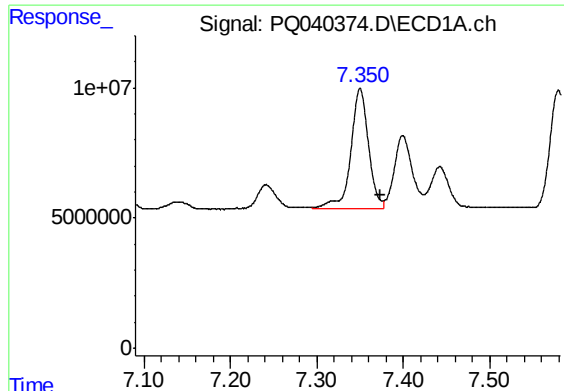
#21 AR-1248-1

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 19279655
Conc: 249.08 ng/ml



#21 AR-1248-1

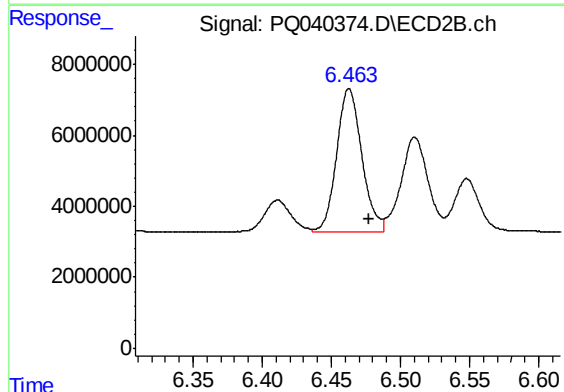
R.T.: 6.195 min
Delta R.T.: 0.008 min
Response: 13644800
Conc: 236.79 ng/ml



#22 AR-1248-2

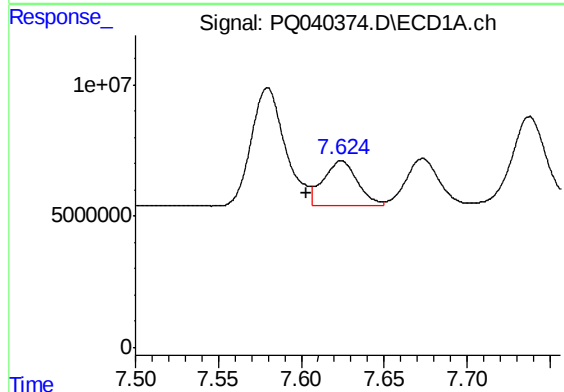
R.T.: 7.350 min
Delta R.T.: -0.024 min
Response: 65616249
Conc: 582.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



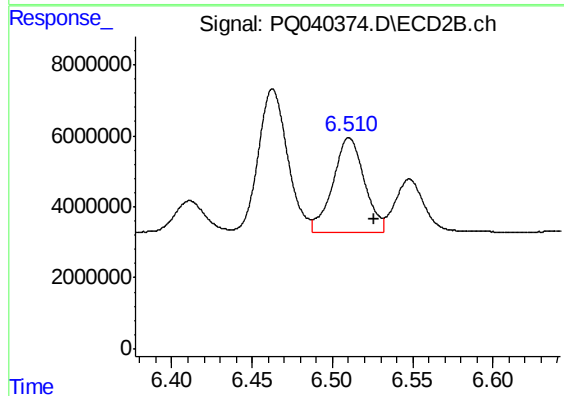
#22 AR-1248-2

R.T.: 6.463 min
Delta R.T.: -0.014 min
Response: 51037213
Conc: 580.50 ng/ml



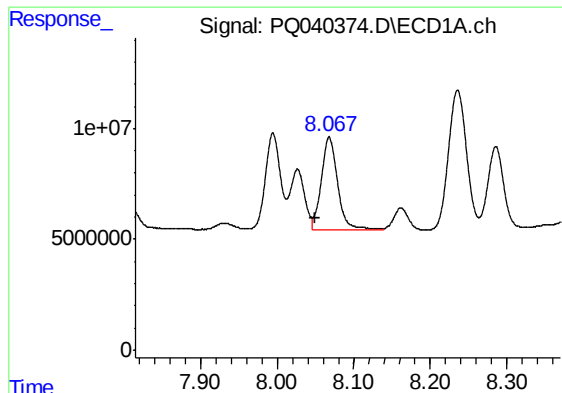
#23 AR-1248-3

R.T.: 7.624 min
Delta R.T.: 0.021 min
Response: 24544106
Conc: 177.82 ng/ml



#23 AR-1248-3

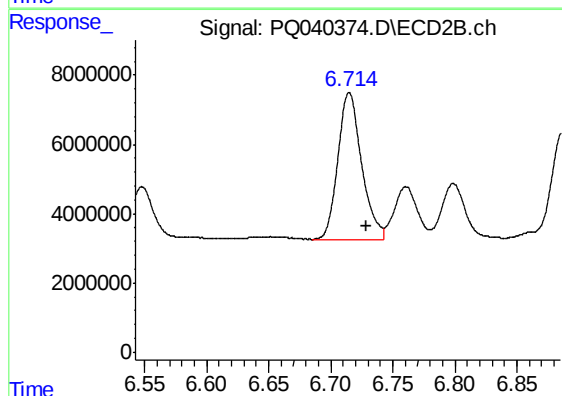
R.T.: 6.510 min
Delta R.T.: -0.016 min
Response: 36271511
Conc: 400.86 ng/ml



#24 AR-1248-4

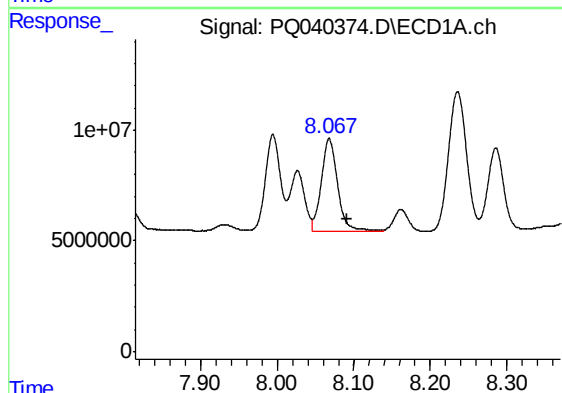
R.T.: 8.068 min
Delta R.T.: 0.018 min
Response: 62494249
Conc: 413.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



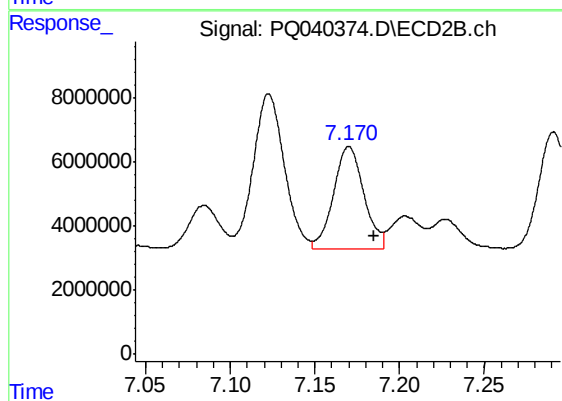
#24 AR-1248-4

R.T.: 6.715 min
Delta R.T.: -0.014 min
Response: 56208892
Conc: 509.00 ng/ml



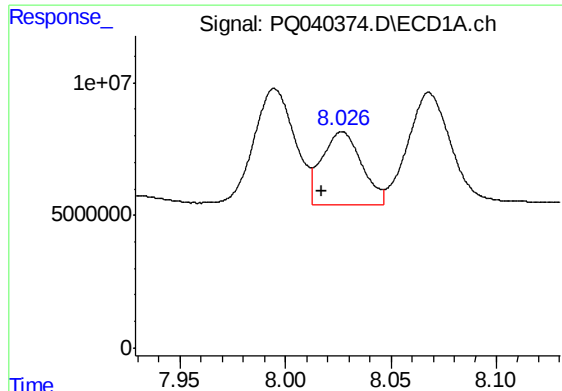
#25 AR-1248-5

R.T.: 8.068 min
Delta R.T.: -0.023 min
Response: 62494249
Conc: 415.08 ng/ml



#25 AR-1248-5

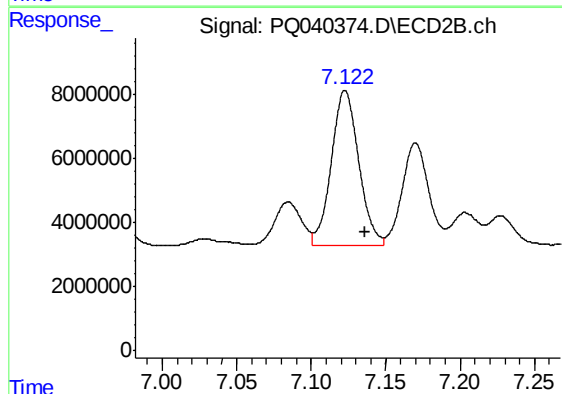
R.T.: 7.170 min
Delta R.T.: -0.015 min
Response: 39750672
Conc: 350.12 ng/ml



#26 AR-1254-1

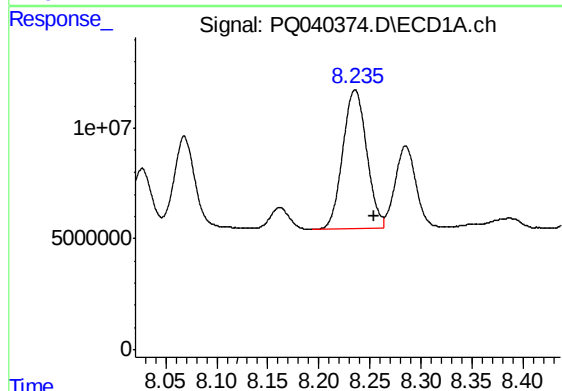
R.T.: 8.027 min
Delta R.T.: 0.010 min
Response: 35923691
Conc: 205.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



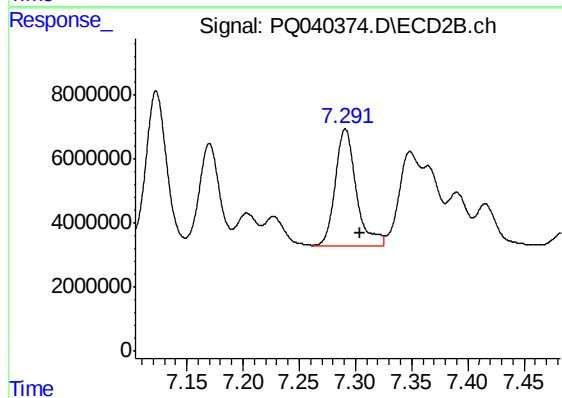
#26 AR-1254-1

R.T.: 7.123 min
Delta R.T.: -0.014 min
Response: 61854484
Conc: 322.94 ng/ml



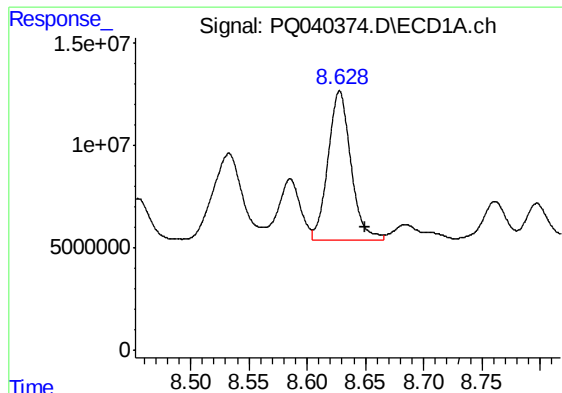
#27 AR-1254-2

R.T.: 8.235 min
Delta R.T.: -0.019 min
Response: 102167989
Conc: 369.43 ng/ml



#27 AR-1254-2

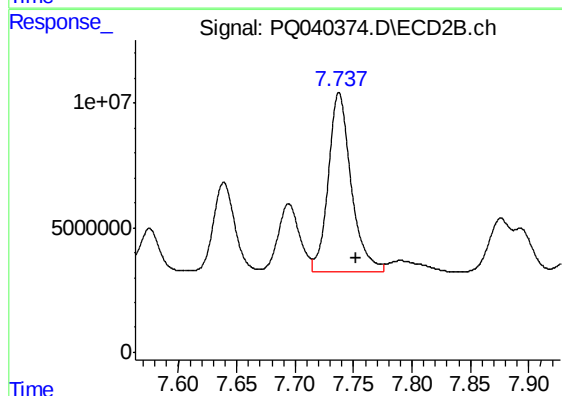
R.T.: 7.291 min
Delta R.T.: -0.013 min
Response: 46981173
Conc: 270.43 ng/ml



#28 AR-1254-3

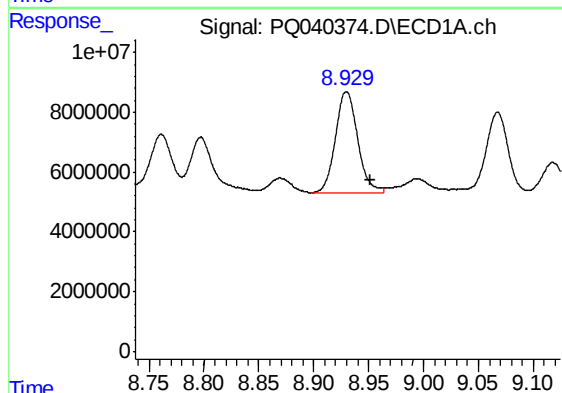
R.T.: 8.628 min
Delta R.T.: -0.022 min
Response: 99653578
Conc: 335.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



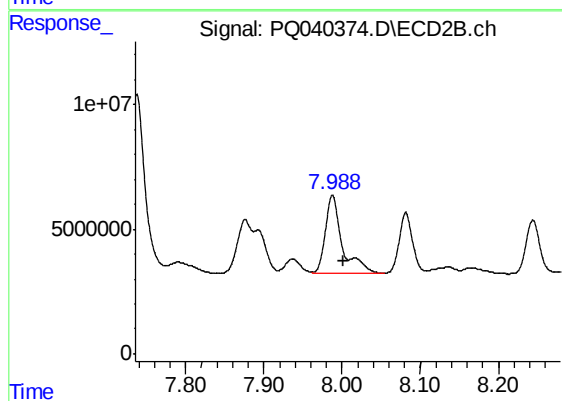
#28 AR-1254-3

R.T.: 7.738 min
Delta R.T.: -0.014 min
Response: 97065928
Conc: 335.89 ng/ml



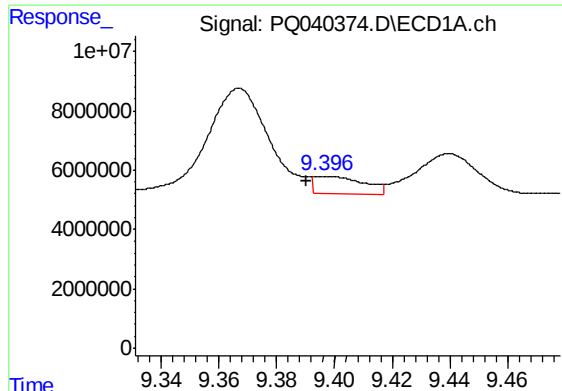
#29 AR-1254-4

R.T.: 8.930 min
Delta R.T.: -0.022 min
Response: 47797564
Conc: 229.99 ng/ml



#29 AR-1254-4

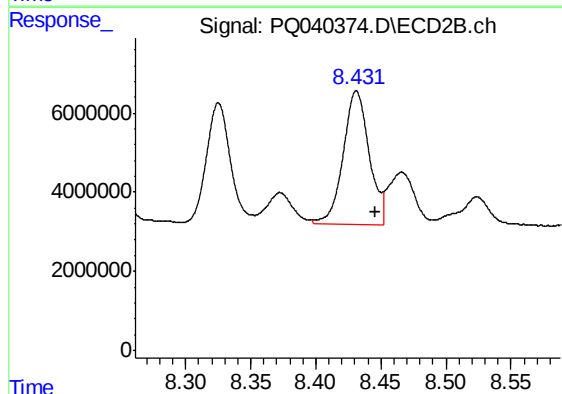
R.T.: 7.988 min
Delta R.T.: -0.014 min
Response: 47192287
Conc: 264.31 ng/ml



#30 AR-1254-5

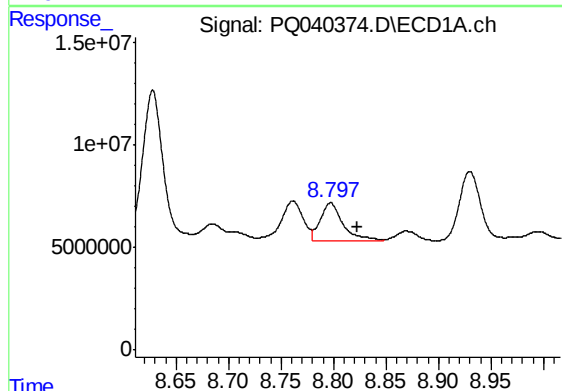
R.T.: 9.397 min
Delta R.T.: 0.007 min
Response: 6984214
Conc: 24.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



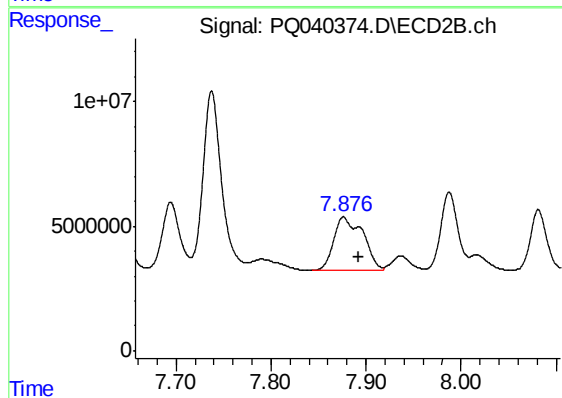
#30 AR-1254-5

R.T.: 8.431 min
Delta R.T.: -0.014 min
Response: 47319154
Conc: 183.67 ng/ml



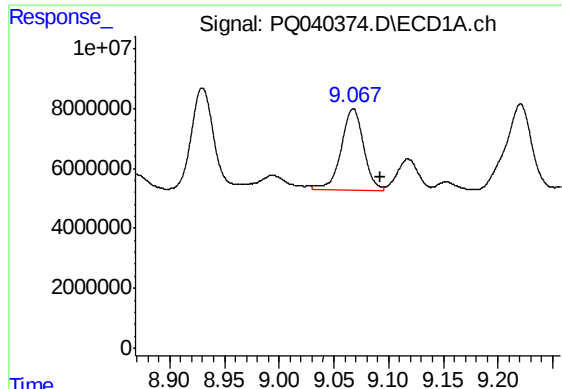
#31 AR-1260-1

R.T.: 8.797 min
Delta R.T.: -0.025 min
Response: 27131806
Conc: 81.62 ng/ml



#31 AR-1260-1

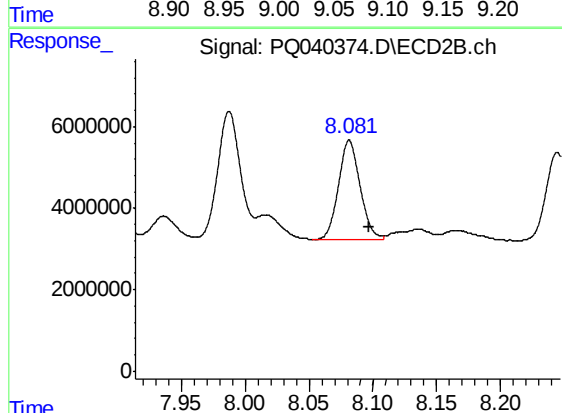
R.T.: 7.876 min
Delta R.T.: -0.016 min
Response: 45408170
Conc: 165.64 ng/ml



#32 AR-1260-2

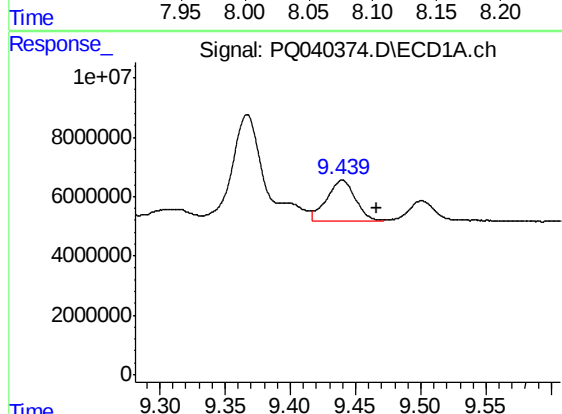
R.T.: 9.068 min
Delta R.T.: -0.025 min
Response: 39218357
Conc: 97.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



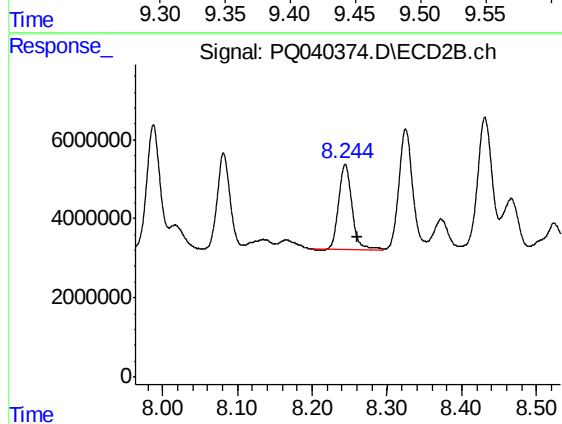
#32 AR-1260-2

R.T.: 8.082 min
Delta R.T.: -0.016 min
Response: 28827081
Conc: 83.34 ng/ml



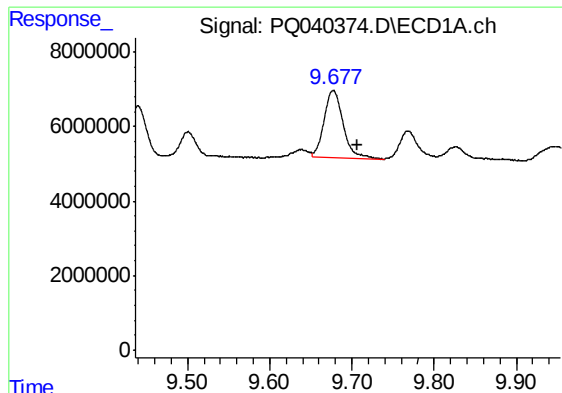
#33 AR-1260-3

R.T.: 9.440 min
Delta R.T.: -0.027 min
Response: 20665187
Conc: 62.64 ng/ml



#33 AR-1260-3

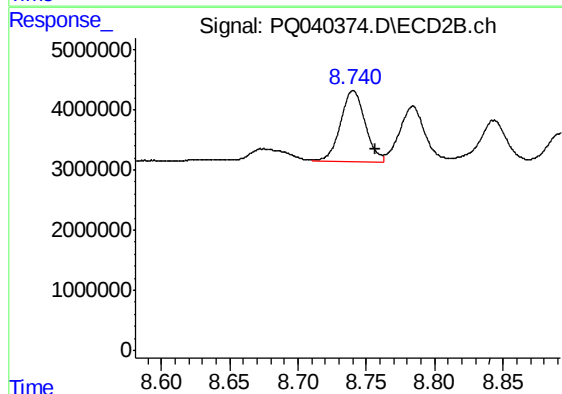
R.T.: 8.244 min
Delta R.T.: -0.016 min
Response: 26580679
Conc: 82.88 ng/ml



#34 AR-1260-4

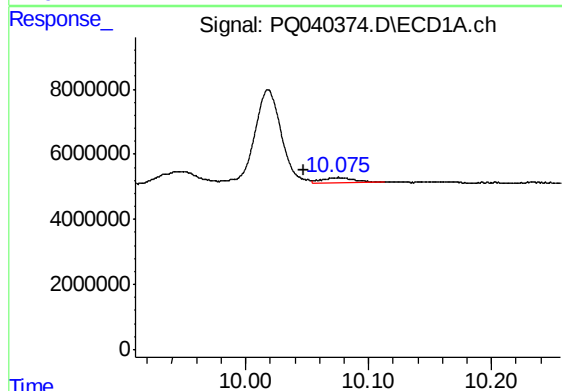
R.T.: 9.677 min
Delta R.T.: -0.030 min
Response: 28712345
Conc: 77.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



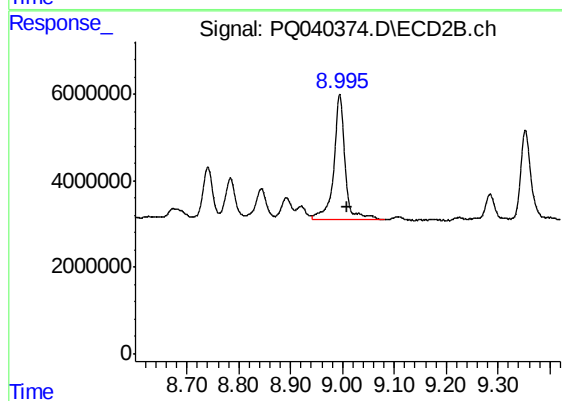
#34 AR-1260-4

R.T.: 8.740 min
Delta R.T.: -0.016 min
Response: 14910455
Conc: 54.87 ng/ml



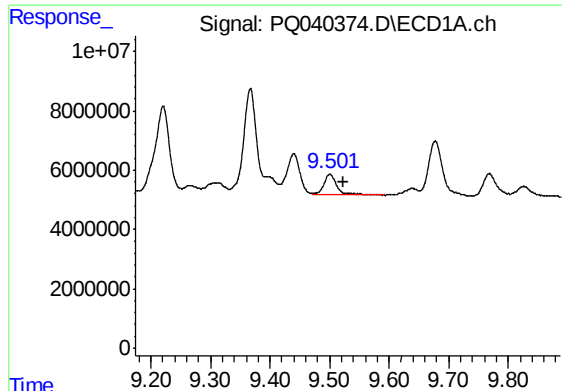
#35 AR-1260-5

R.T.: 10.075 min
Delta R.T.: 0.028 min
Response: 2877881
Conc: 3.74 ng/ml



#35 AR-1260-5

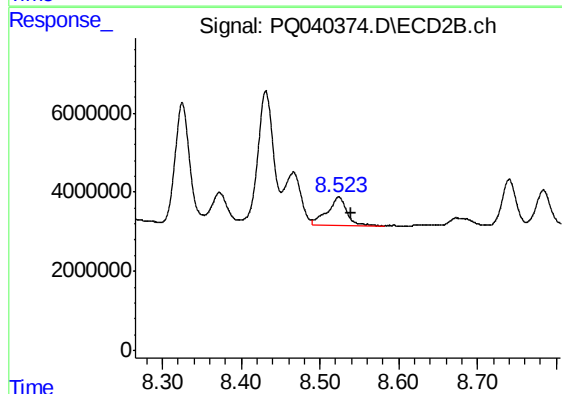
R.T.: 8.995 min
Delta R.T.: -0.016 min
Response: 44049600
Conc: 65.53 ng/ml



#36 AR-1262-1

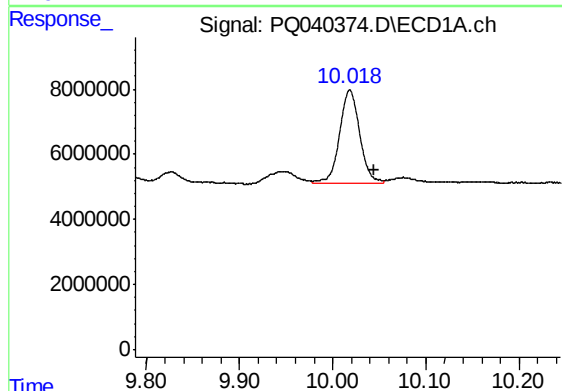
R.T.: 9.501 min
Delta R.T.: -0.023 min
Response: 10070567
Conc: 72.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



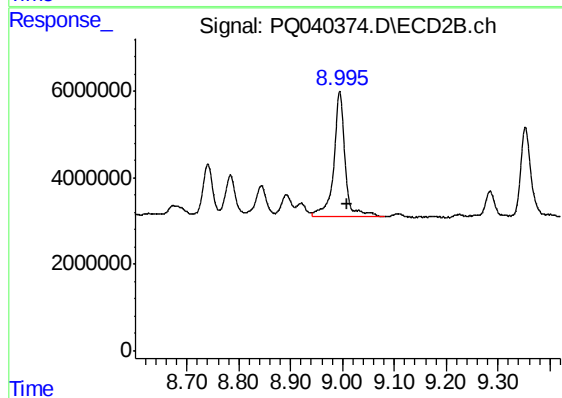
#36 AR-1262-1

R.T.: 8.524 min
Delta R.T.: -0.015 min
Response: 12355653
Conc: 108.82 ng/ml



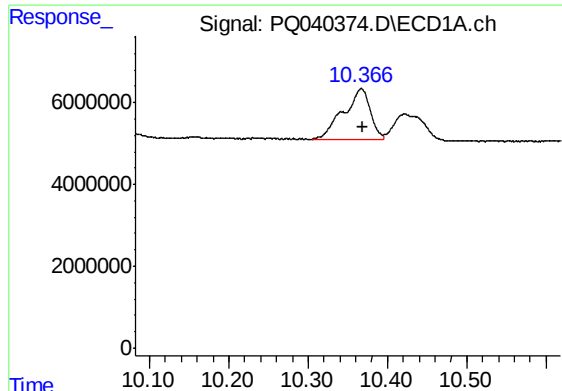
#37 AR-1262-2

R.T.: 10.018 min
Delta R.T.: -0.026 min
Response: 43173797
Conc: 74.60 ng/ml



#37 AR-1262-2

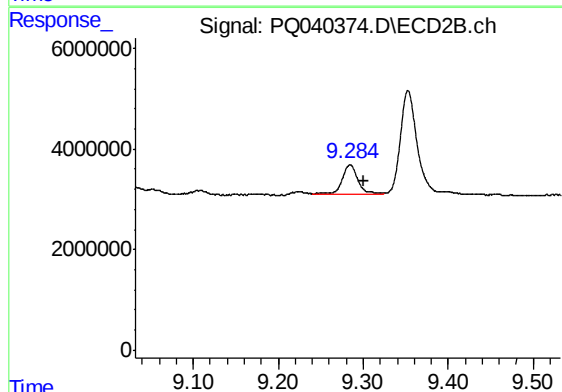
R.T.: 8.995 min
Delta R.T.: -0.015 min
Response: 44049600
Conc: 88.78 ng/ml



#38 AR-1262-3

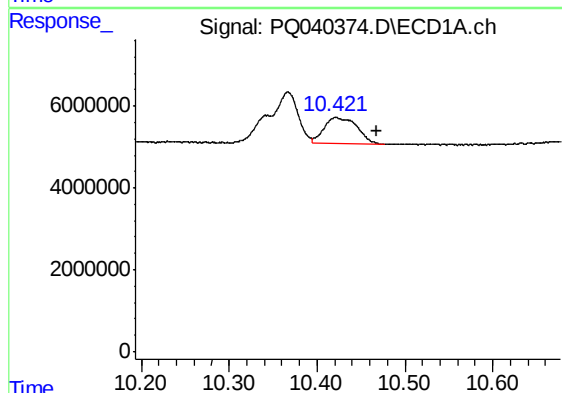
R.T.: 10.367 min
Delta R.T.: -0.002 min
Response: 29543529
Conc: 69.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



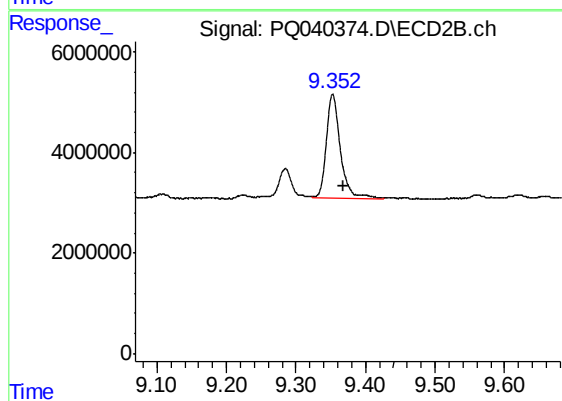
#38 AR-1262-3

R.T.: 9.285 min
Delta R.T.: -0.016 min
Response: 7440862
Conc: 35.39 ng/ml



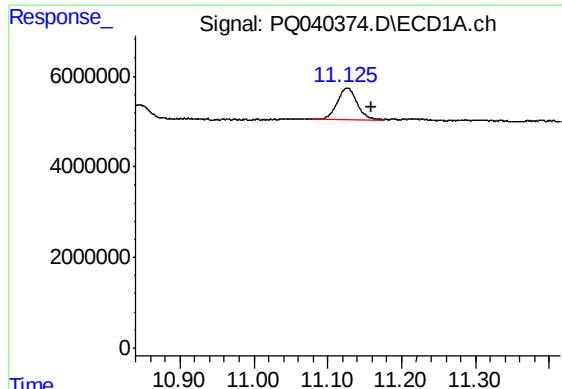
#39 AR-1262-4

R.T.: 10.422 min
Delta R.T.: -0.046 min
Response: 16695768
Conc: 44.20 ng/ml



#39 AR-1262-4

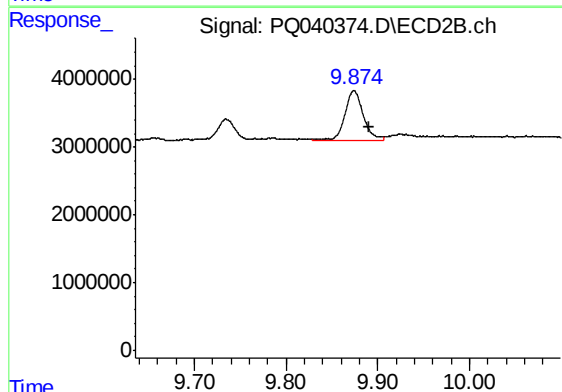
R.T.: 9.353 min
Delta R.T.: -0.015 min
Response: 28649047
Conc: 75.67 ng/ml



#40 AR-1262-5

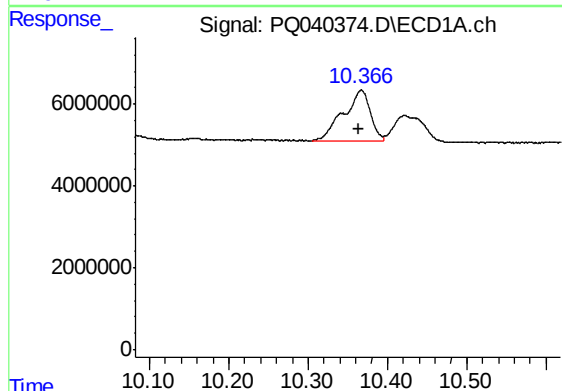
R.T.: 11.127 min
Delta R.T.: -0.033 min
Response: 13397136
Conc: 57.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



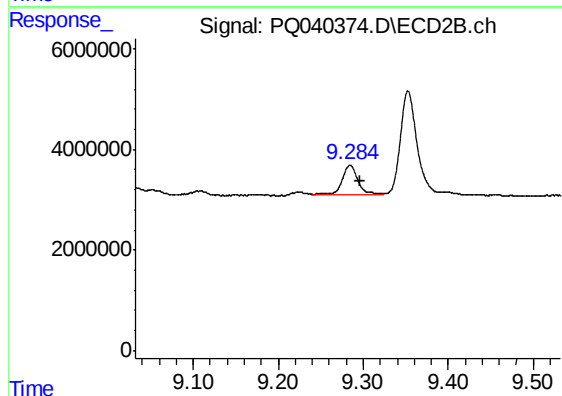
#40 AR-1262-5

R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 10059933
Conc: 62.05 ng/ml



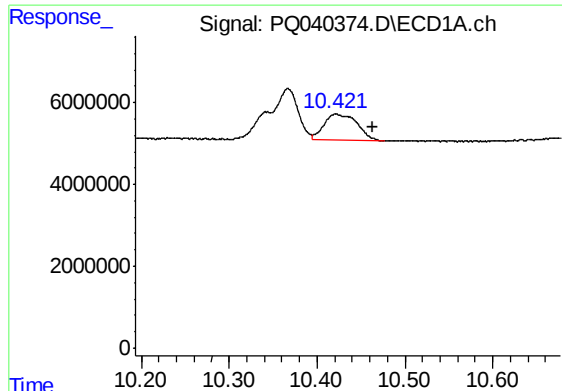
#41 AR-1268-1

R.T.: 10.367 min
Delta R.T.: 0.003 min
Response: 29543529
Conc: 49.04 ng/ml



#41 AR-1268-1

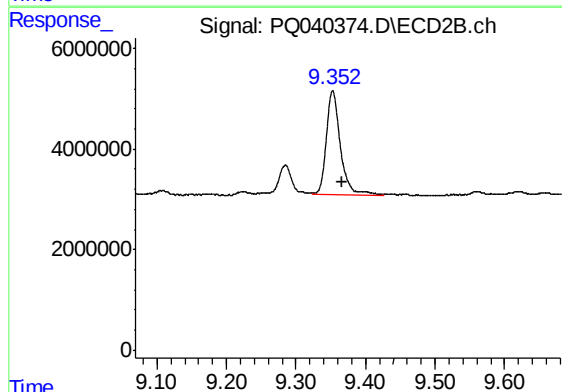
R.T.: 9.285 min
Delta R.T.: -0.012 min
Response: 7440862
Conc: 16.31 ng/ml



#42 AR-1268-2

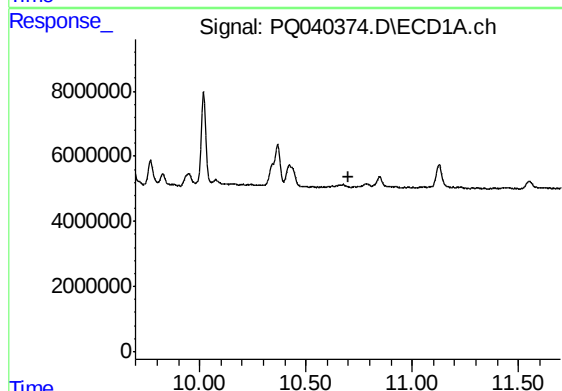
R.T.: 10.422 min
Delta R.T.: -0.042 min
Response: 16695768
Conc: 27.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



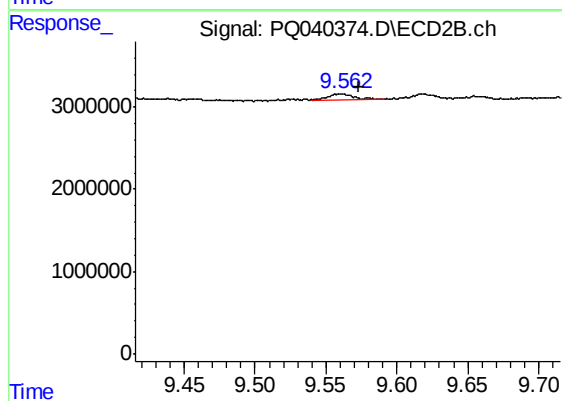
#42 AR-1268-2

R.T.: 9.353 min
Delta R.T.: -0.013 min
Response: 28649047
Conc: 65.53 ng/ml



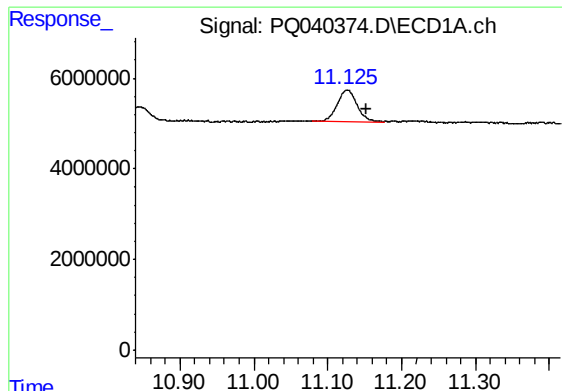
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.698 min
Response: 0
Conc: N.D.



#43 AR-1268-3

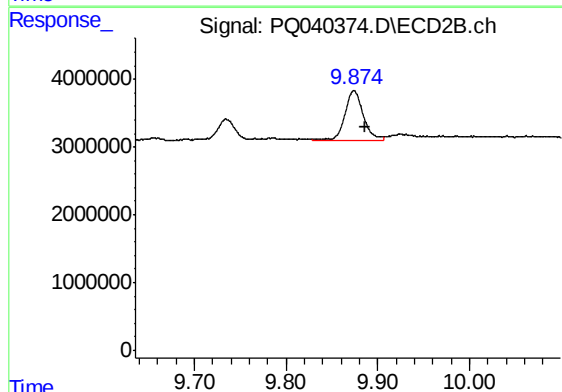
R.T.: 9.560 min
Delta R.T.: -0.013 min
Response: 894351
Conc: 2.38 ng/ml



#44 AR-1268-4

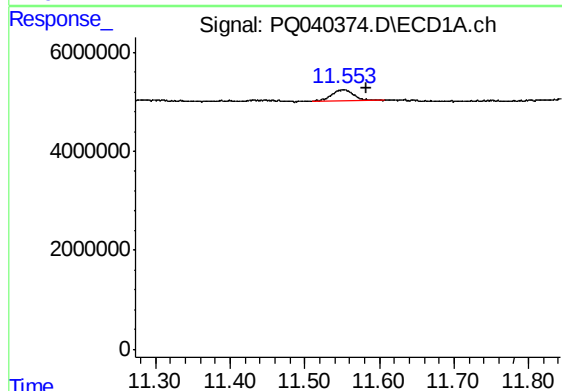
R.T.: 11.127 min
Delta R.T.: -0.027 min
Response: 13397136
Conc: 65.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMW7



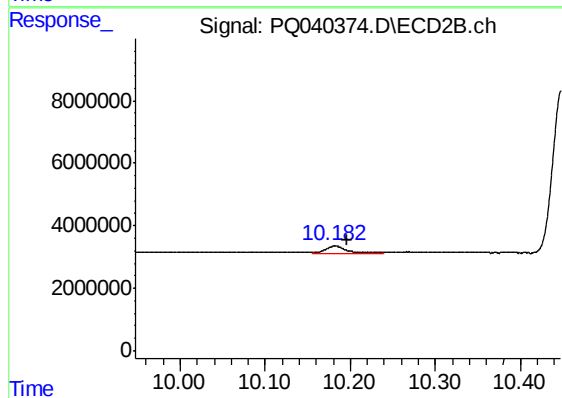
#44 AR-1268-4

R.T.: 9.874 min
Delta R.T.: -0.013 min
Response: 10059933
Conc: 73.01 ng/ml



#45 AR-1268-5

R.T.: 11.551 min
Delta R.T.: -0.031 min
Response: 4898377
Conc: 2.65 ng/ml



#45 AR-1268-5

R.T.: 10.182 min
Delta R.T.: -0.014 min
Response: 4199728
Conc: 3.56 ng/ml