

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 20:57
 Operator : SM\AJ
 Sample : K3021-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMP5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 23:16:10 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...	5.602	4.738	56546566	36896650	17.261	17.179
2)	SA Decachlor...	11.910	10.459	166.5E6	89071672	23.309	21.421
Target Compounds							
3)	L1 AR-1016-1	7.050	6.183	33639504	21104949	201.082	164.525
4)	L1 AR-1016-2	7.075	6.204	55649211	28536741	211.673	147.849 #
5)	L1 AR-1016-3	7.221	6.418	35774002	12089298	209.599	112.094 #
6)	L1 AR-1016-4	7.256	6.472	4088854	98373462	29.581	1155.309 #
7)	L1 AR-1016-5	7.591	6.724	63496974	86873553	457.720	754.503 #
8)	L2 AR-1221-1	0.000	5.033	0	704243	N.D.	28.737 #
9)	L2 AR-1221-2	0.000	5.155	0	2070496	N.D.	127.120 #
10)	L2 AR-1221-3	0.000	5.256	0	234388	N.D.	3.855 #
11)	L3 AR-1232-1	0.000	5.256	0	234388	N.D.	5.115 #
12)	L3 AR-1232-2	6.734	6.204	7657557	28536741	193.140	475.719 #
13)	L3 AR-1232-3	7.075	6.418	55649211	12089298	688.624	343.760 #
14)	L3 AR-1232-4	7.256	6.520	4088854	85016544	97.823	2877.210 #
15)	L3 AR-1232-5	7.362	6.724	148.1E6	86873553	4673.712	2885.745 #
16)	L4 AR-1242-1	7.050	6.183	33639504	21104949	346.957	285.402
17)	L4 AR-1242-2	7.075	6.204	55649211	28536741	385.067	268.053 #
18)	L4 AR-1242-3	7.221	6.418	35774002	12089298	384.293	200.405 #
19)	L4 AR-1242-4	7.256	6.520	4088854	85016544	54.365	1426.442 #
20)	L4 AR-1242-5	8.080	7.133	289.3E6	262.9E6	3336.826	3262.235
21)	L5 AR-1248-1	7.050	6.183	33639504	21104949	434.605	366.257
22)	L5 AR-1248-2	7.362	6.472	148.1E6	98373462	1315.092	1118.904
23)	L5 AR-1248-3	7.591	6.520	63496974	85016544	460.033	939.581 #
24)	L5 AR-1248-4	8.039	6.724	359.8E6	86873553	2383.399	786.688 #
25)	L5 AR-1248-5	8.080	7.179	289.3E6	204.2E6	1921.389	1798.523
26)	L6 AR-1254-1	8.007	7.133	167.3E6	262.9E6	959.343	1372.579 #
27)	L6 AR-1254-2	8.249	7.300	298.6E6	99281842	1079.589	571.471 #
28)	L6 AR-1254-3	8.639	7.747	245.9E6	204.9E6	828.639	709.110
29)	L6 AR-1254-4	8.942	7.997	153.9E6	139.1E6	740.676	778.861
30)	L6 AR-1254-5	9.380	8.440	129.0E6	82950163	448.059	321.974 #
31)	L7 AR-1260-1	8.809	7.885	45583899	81362059	137.132	296.792 #
32)	L7 AR-1260-2	9.078	8.091	73605991	37156095	182.208	107.413 #
33)	L7 AR-1260-3	9.450	8.253	31273831	28985317	94.801	90.380
34)	L7 AR-1260-4	9.688	8.749	43472876	19594579	117.962	72.113 #
35)	L7 AR-1260-5	10.030	9.004	49923088	54984261	64.830	81.800 #
36)	L8 AR-1262-1	9.512	8.533	6751532	19808009	48.567	174.448 #
37)	L8 AR-1262-2	10.030	9.004	49923088	54984261	86.260	110.824 #
38)	L8 AR-1262-3	10.380	9.294	28154751	7932840	66.589	37.730 #
39)	L8 AR-1262-4	10.433	9.362	23775290	33927671	62.948	89.607 #
40)	L8 AR-1262-5	11.142	9.883	17624745	11077415	75.012	68.323
41)	L9 AR-1268-1	10.355	9.294	12177099	7932840	20.215	17.384

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
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 Acq On : 24 May 2019 20:57
 Operator : SM\AJ
 Sample : K3021-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

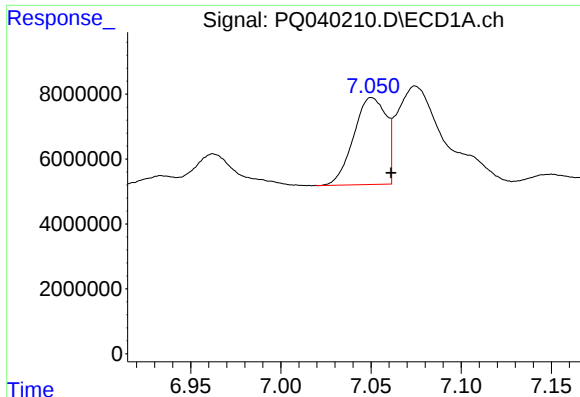
Instrument :
 ECD_Q
 ClientSampleId :
 ETMP5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 23:16:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
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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
42) L9	AR-1268-2	10.433	9.362	23775290	33927671	38.639	77.605 #
43) L9	AR-1268-3	0.000	9.569	0	1597492	N.D.	4.255 #
44) L9	AR-1268-4	11.142	9.883	17624745	11077415	86.411	80.397
45) L9	AR-1268-5	0.000	10.192	0	4449855	N.D.	3.770 #

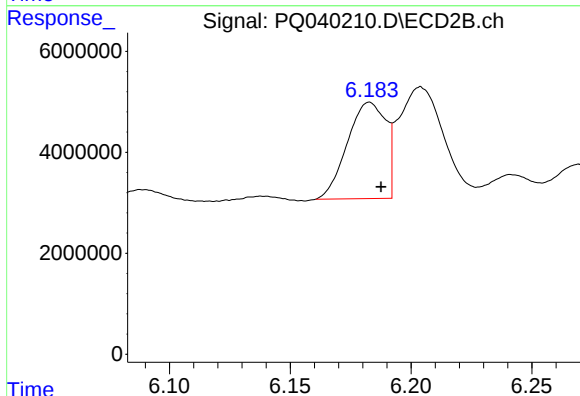
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

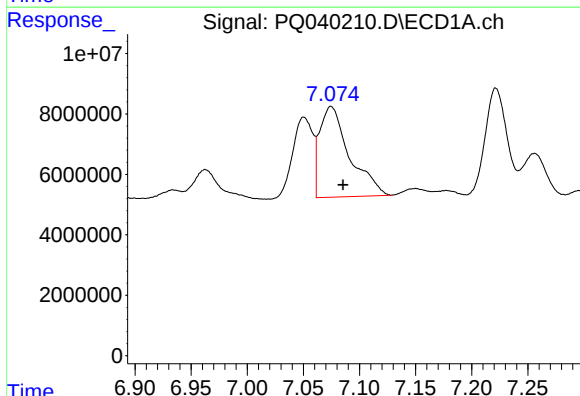
R.T.: 7.050 min
Delta R.T.: -0.011 min
Response: 33639504
Conc: 201.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



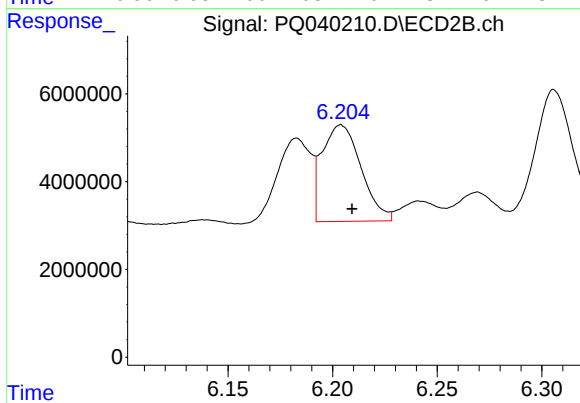
#3 AR-1016-1

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 21104949
Conc: 164.53 ng/ml



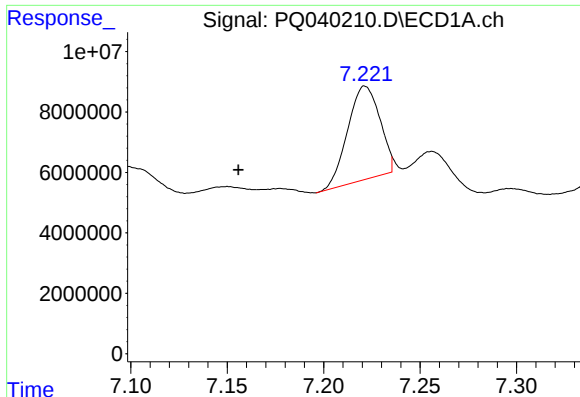
#4 AR-1016-2

R.T.: 7.075 min
Delta R.T.: -0.011 min
Response: 55649211
Conc: 211.67 ng/ml



#4 AR-1016-2

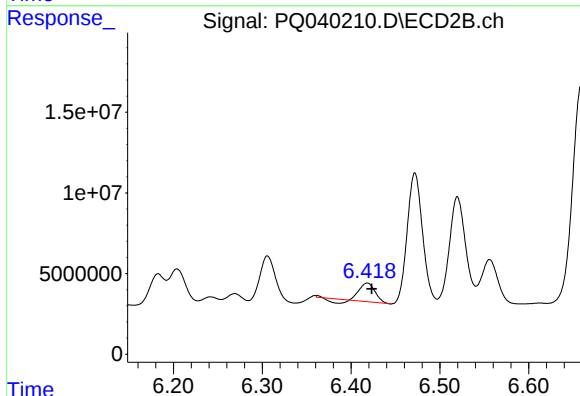
R.T.: 6.204 min
Delta R.T.: -0.005 min
Response: 28536741
Conc: 147.85 ng/ml



#5 AR-1016-3

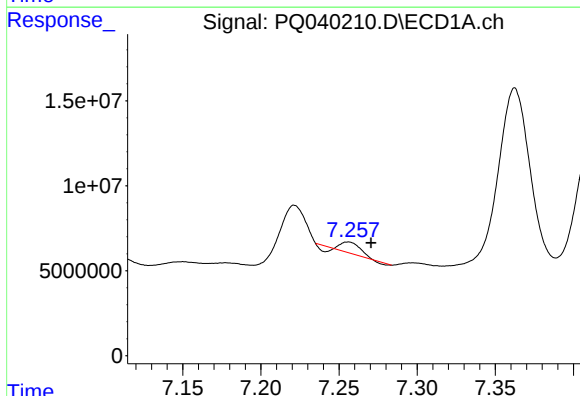
R.T.: 7.221 min
Delta R.T.: 0.066 min
Response: 35774002
Conc: 209.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



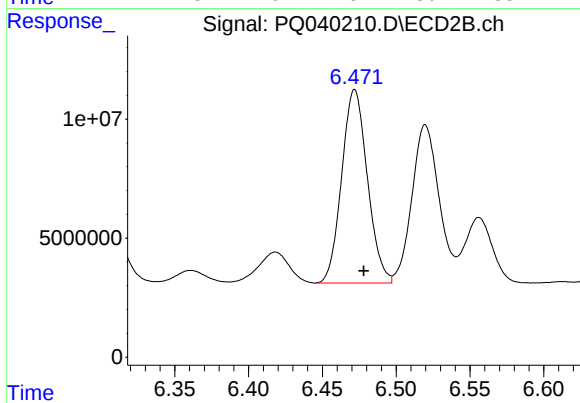
#5 AR-1016-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 12089298
Conc: 112.09 ng/ml



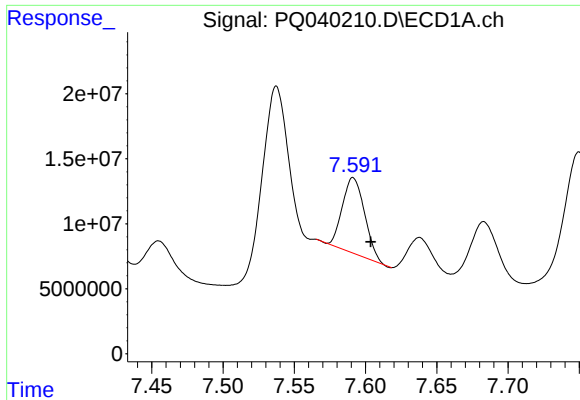
#6 AR-1016-4

R.T.: 7.256 min
Delta R.T.: -0.015 min
Response: 4088854
Conc: 29.58 ng/ml



#6 AR-1016-4

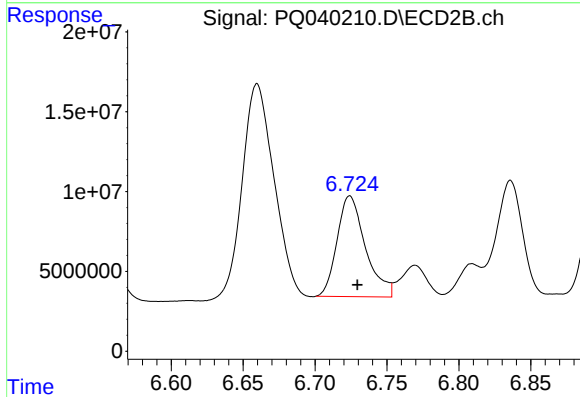
R.T.: 6.472 min
Delta R.T.: -0.006 min
Response: 98373462
Conc: 1155.31 ng/ml



#7 AR-1016-5

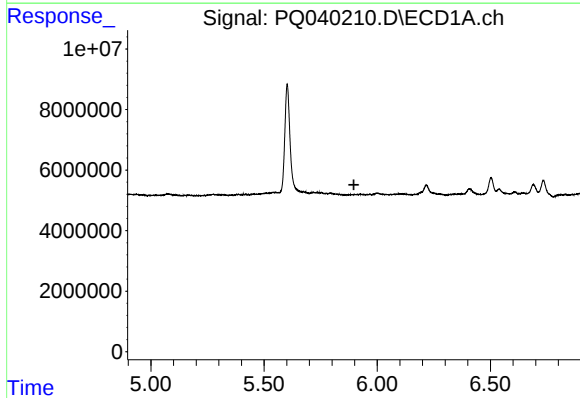
R.T.: 7.591 min
Delta R.T.: -0.012 min
Response: 63496974
Conc: 457.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



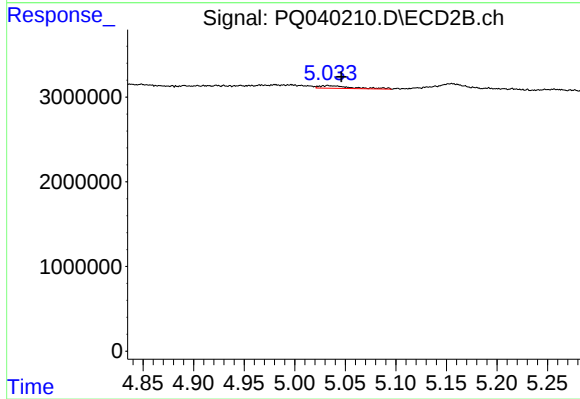
#7 AR-1016-5

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 86873553
Conc: 754.50 ng/ml



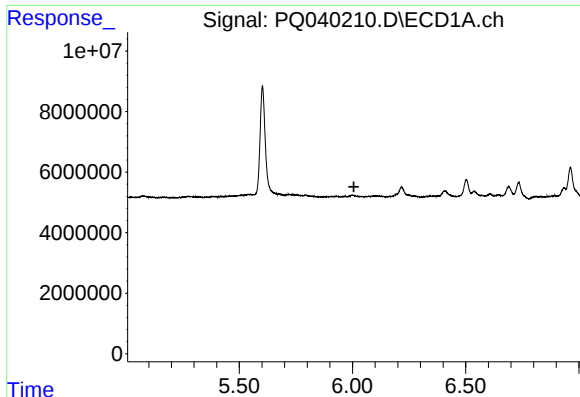
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

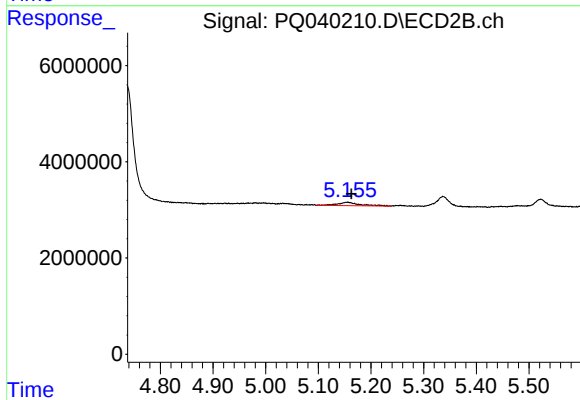
R.T.: 5.033 min
Delta R.T.: -0.014 min
Response: 704243
Conc: 28.74 ng/ml



#9 AR-1221-2

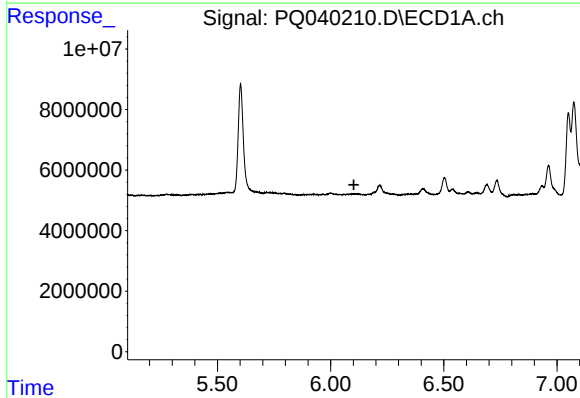
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMP5



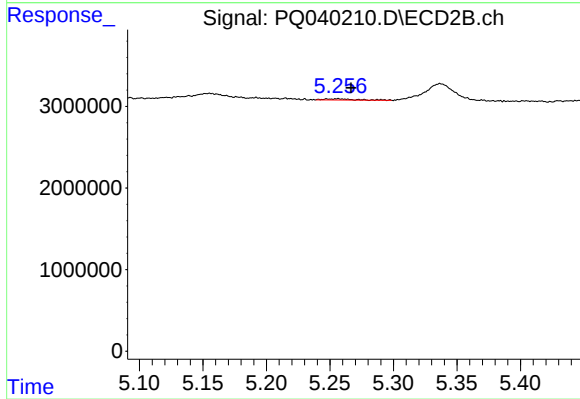
#9 AR-1221-2

R.T.: 5.155 min
Delta R.T.: -0.008 min
Response: 2070496
Conc: 127.12 ng/ml



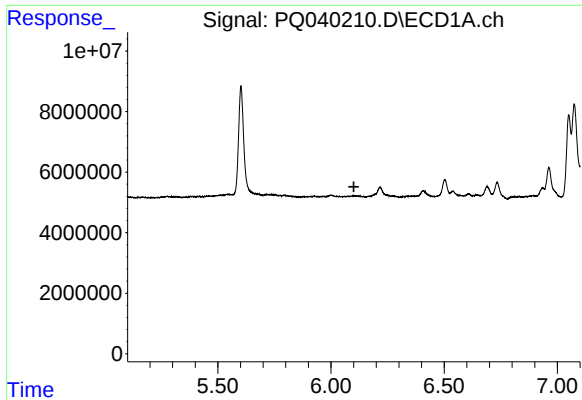
#10 AR-1221-3

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



#10 AR-1221-3

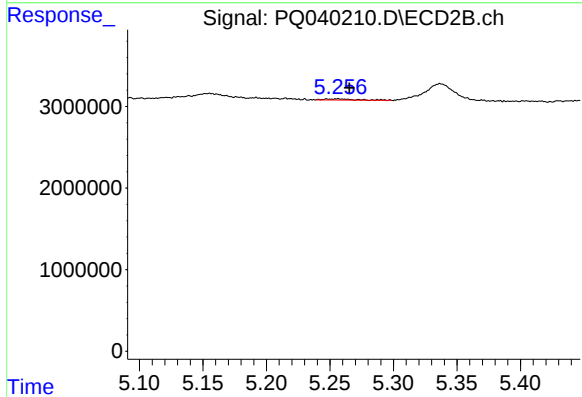
R.T.: 5.256 min
Delta R.T.: -0.010 min
Response: 234388
Conc: 3.85 ng/ml



#11 AR-1232-1

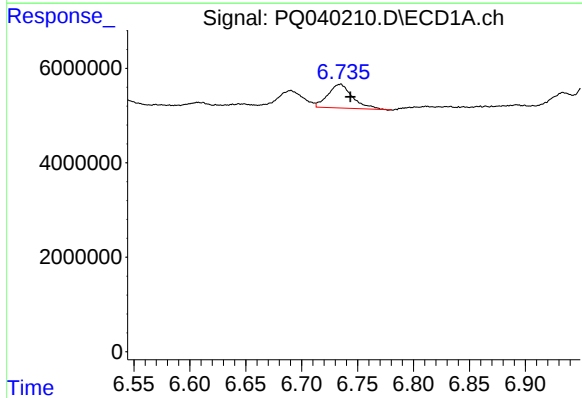
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMP5



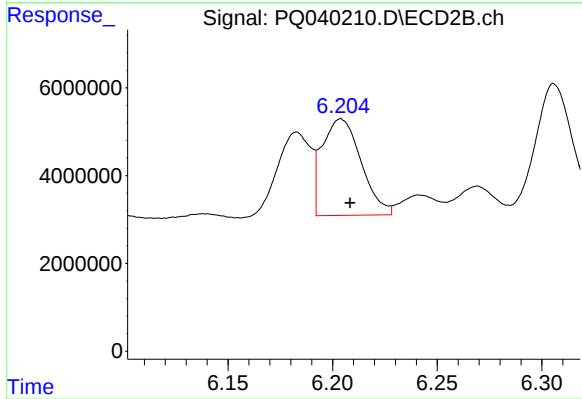
#11 AR-1232-1

R.T.: 5.256 min
Delta R.T.: -0.009 min
Response: 234388
Conc: 5.12 ng/ml



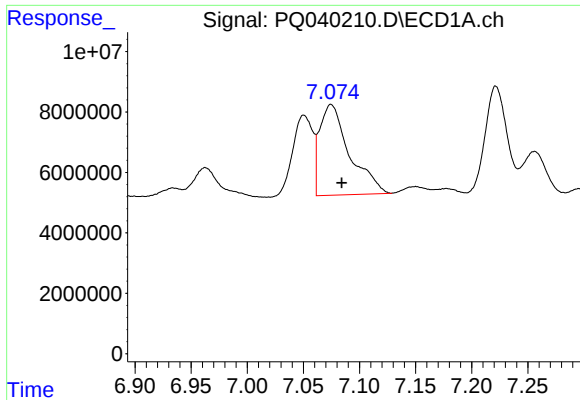
#12 AR-1232-2

R.T.: 6.734 min
Delta R.T.: -0.009 min
Response: 7657557
Conc: 193.14 ng/ml



#12 AR-1232-2

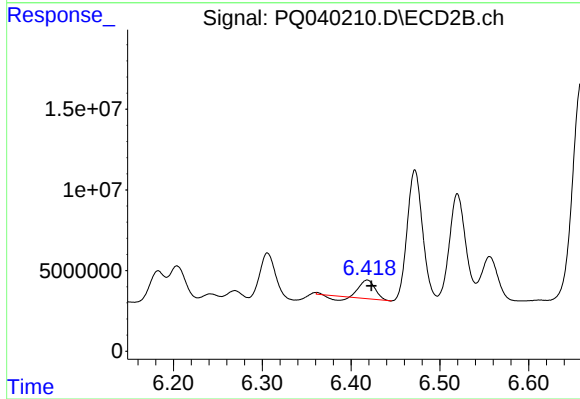
R.T.: 6.204 min
Delta R.T.: -0.004 min
Response: 28536741
Conc: 475.72 ng/ml



#13 AR-1232-3

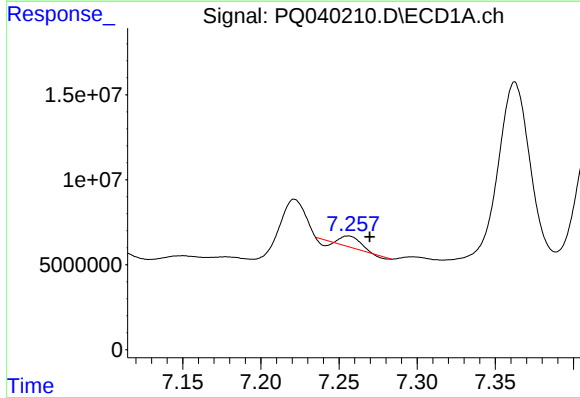
R.T.: 7.075 min
Delta R.T.: -0.010 min
Response: 55649211
Conc: 688.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



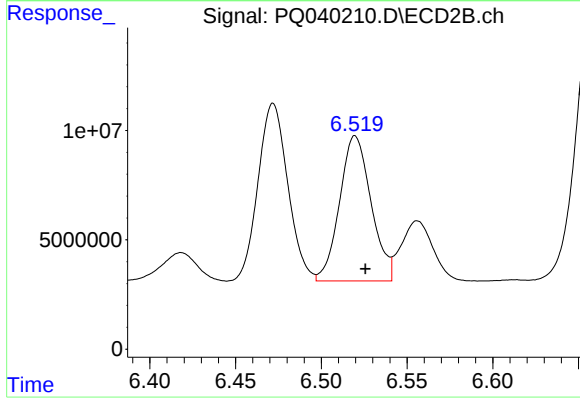
#13 AR-1232-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 12089298
Conc: 343.76 ng/ml



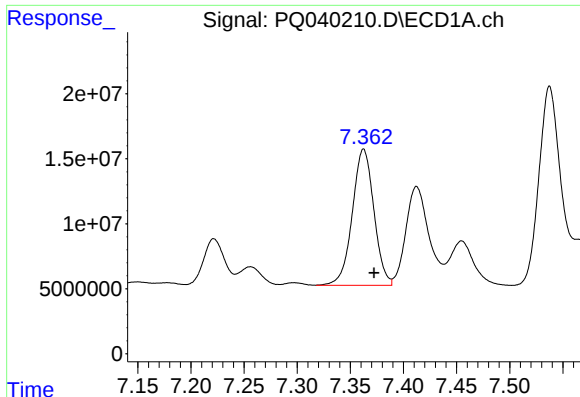
#14 AR-1232-4

R.T.: 7.256 min
Delta R.T.: -0.014 min
Response: 4088854
Conc: 97.82 ng/ml



#14 AR-1232-4

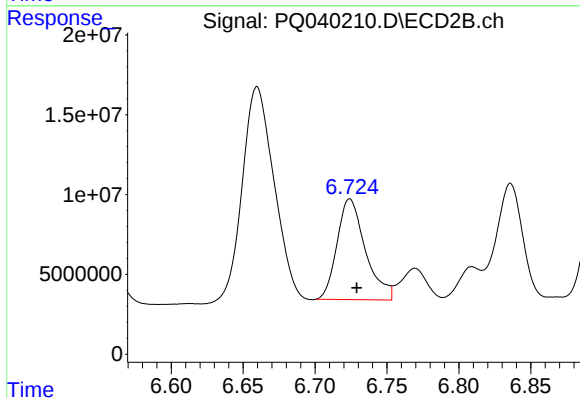
R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 85016544
Conc: 2877.21 ng/ml



#15 AR-1232-5

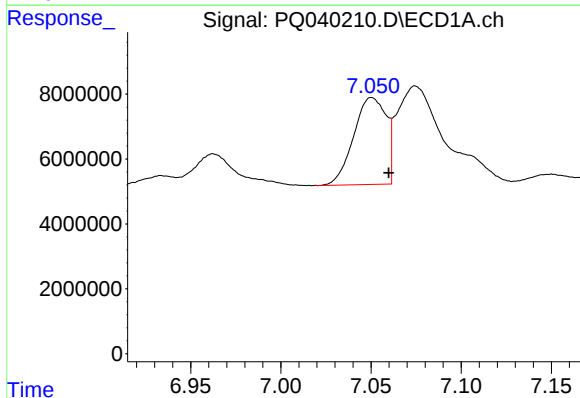
R.T.: 7.362 min
Delta R.T.: -0.010 min
Response: 148121535
Conc: 4673.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



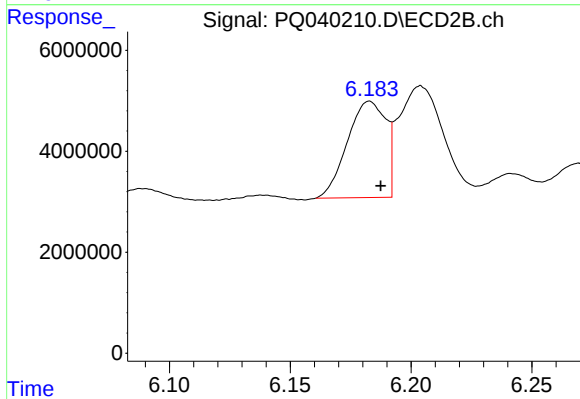
#15 AR-1232-5

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 86873553
Conc: 2885.74 ng/ml



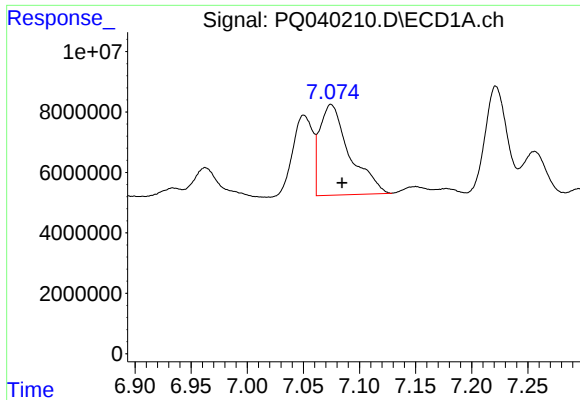
#16 AR-1242-1

R.T.: 7.050 min
Delta R.T.: -0.009 min
Response: 33639504
Conc: 346.96 ng/ml



#16 AR-1242-1

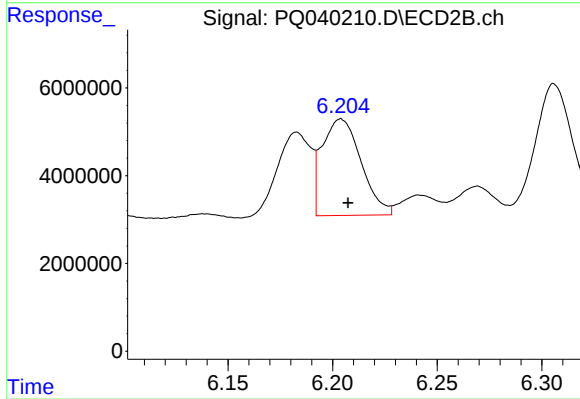
R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 21104949
Conc: 285.40 ng/ml



#17 AR-1242-2

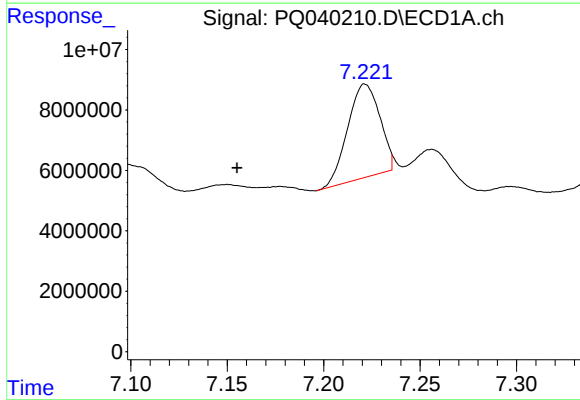
R.T.: 7.075 min
Delta R.T.: -0.010 min
Response: 55649211
Conc: 385.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



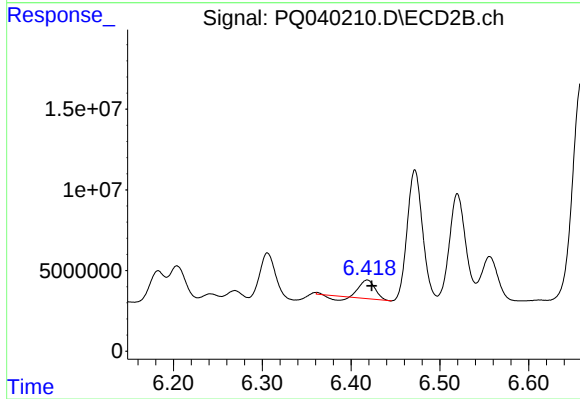
#17 AR-1242-2

R.T.: 6.204 min
Delta R.T.: -0.003 min
Response: 28536741
Conc: 268.05 ng/ml



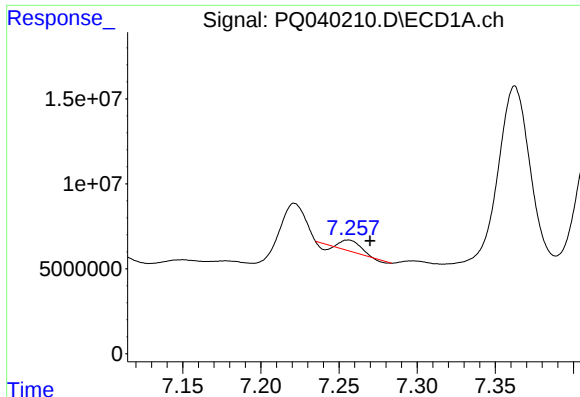
#18 AR-1242-3

R.T.: 7.221 min
Delta R.T.: 0.066 min
Response: 35774002
Conc: 384.29 ng/ml



#18 AR-1242-3

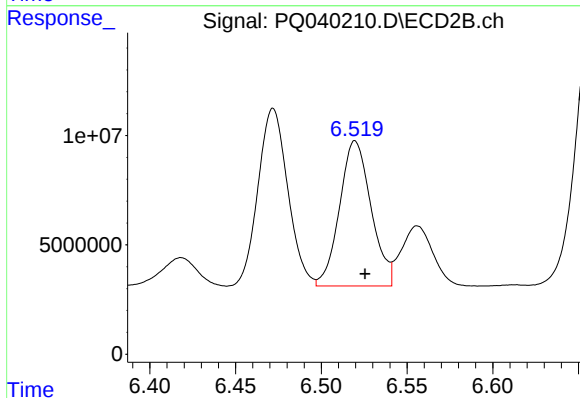
R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 12089298
Conc: 200.40 ng/ml



#19 AR-1242-4

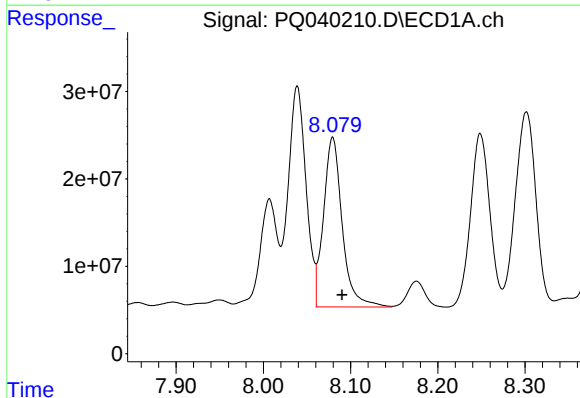
R.T.: 7.256 min
Delta R.T.: -0.014 min
Response: 4088854
Conc: 54.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



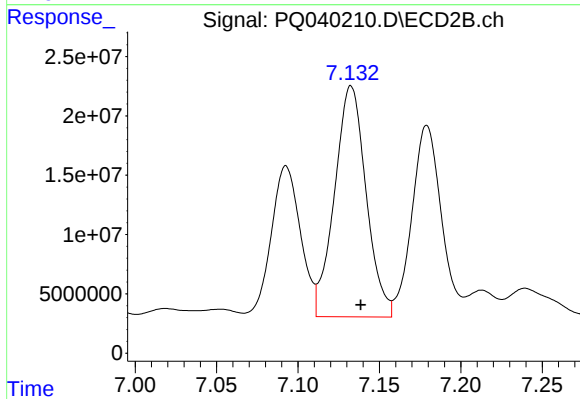
#19 AR-1242-4

R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 85016544
Conc: 1426.44 ng/ml



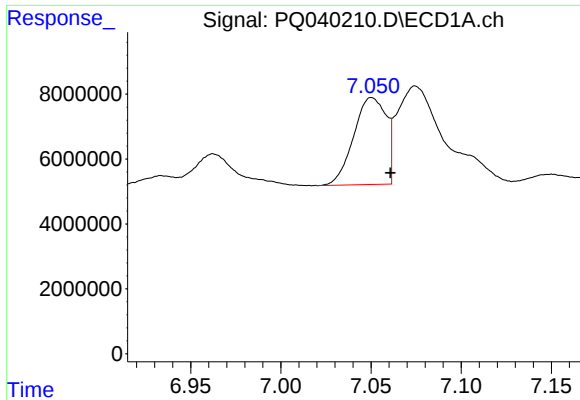
#20 AR-1242-5

R.T.: 8.080 min
Delta R.T.: -0.011 min
Response: 289281506
Conc: 3336.83 ng/ml



#20 AR-1242-5

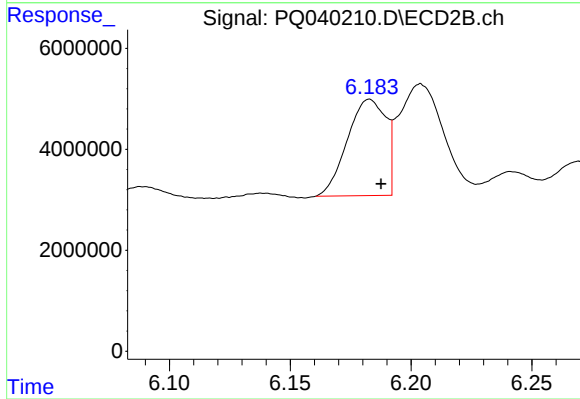
R.T.: 7.133 min
Delta R.T.: -0.006 min
Response: 262898299
Conc: 3262.24 ng/ml



#21 AR-1248-1

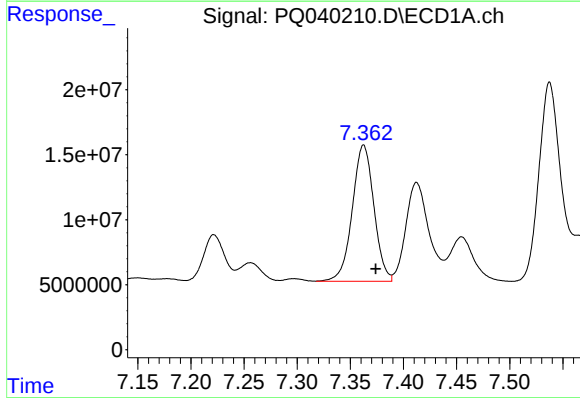
R.T.: 7.050 min
Delta R.T.: -0.010 min
Response: 33639504
Conc: 434.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



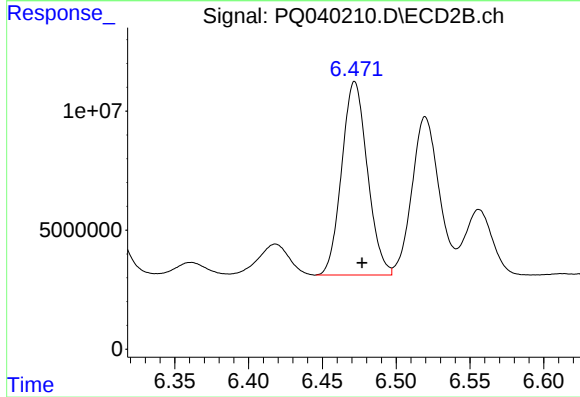
#21 AR-1248-1

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 21104949
Conc: 366.26 ng/ml



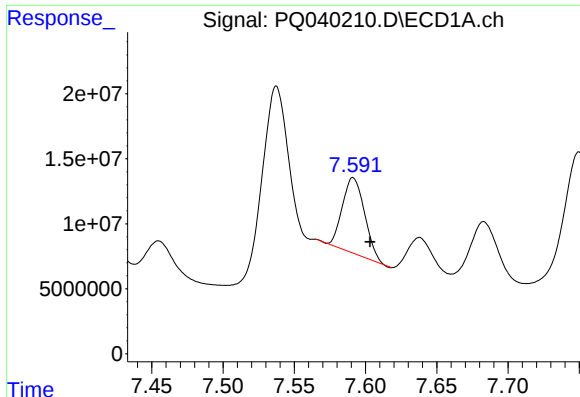
#22 AR-1248-2

R.T.: 7.362 min
Delta R.T.: -0.011 min
Response: 148121535
Conc: 1315.09 ng/ml



#22 AR-1248-2

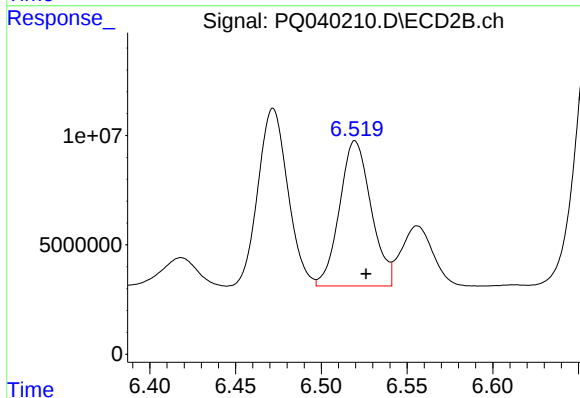
R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 98373462
Conc: 1118.90 ng/ml



#23 AR-1248-3

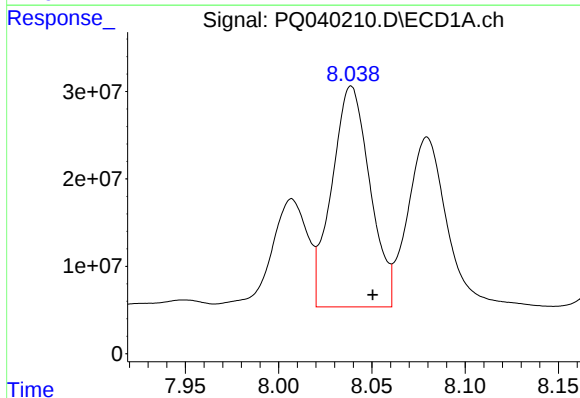
R.T.: 7.591 min
Delta R.T.: -0.012 min
Response: 63496974
Conc: 460.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



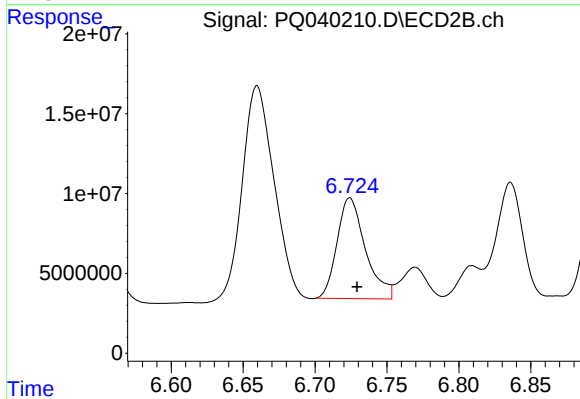
#23 AR-1248-3

R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 85016544
Conc: 939.58 ng/ml



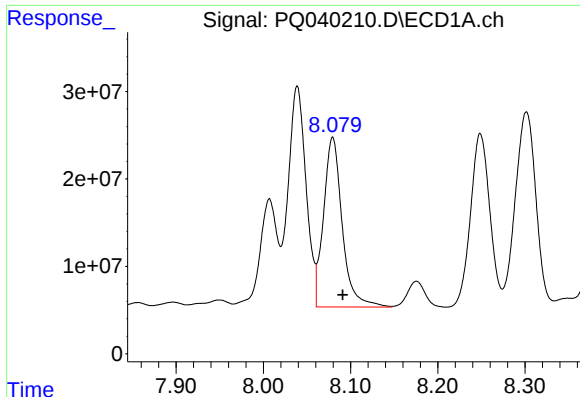
#24 AR-1248-4

R.T.: 8.039 min
Delta R.T.: -0.012 min
Response: 359821076
Conc: 2383.40 ng/ml



#24 AR-1248-4

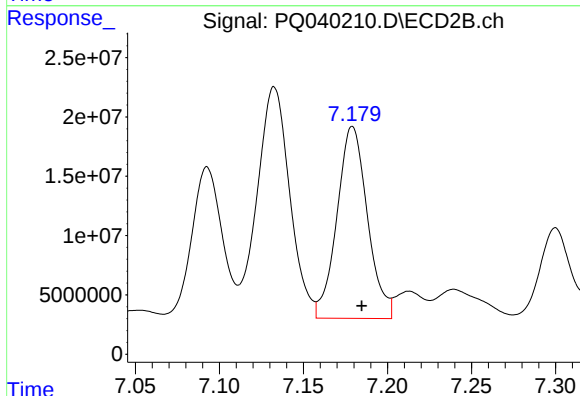
R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 86873553
Conc: 786.69 ng/ml



#25 AR-1248-5

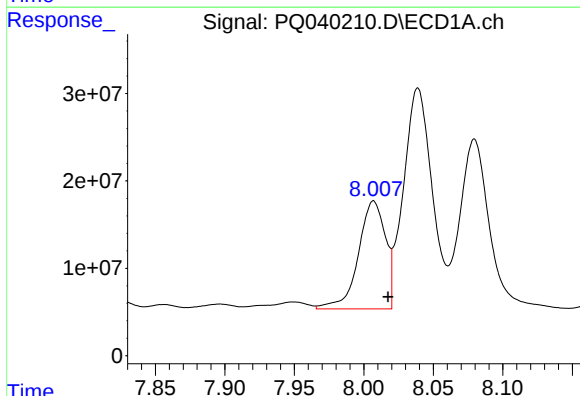
R.T.: 8.080 min
Delta R.T.: -0.011 min
Response: 289281506
Conc: 1921.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



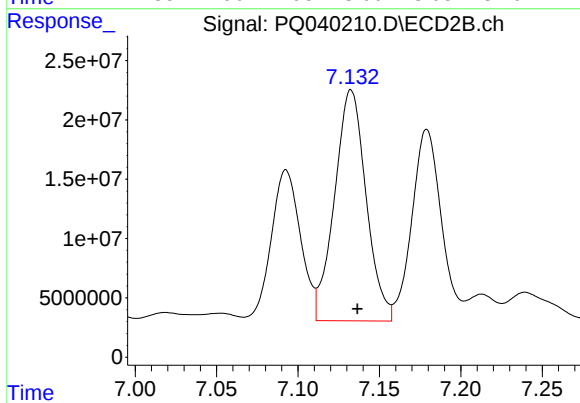
#25 AR-1248-5

R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 204196276
Conc: 1798.52 ng/ml



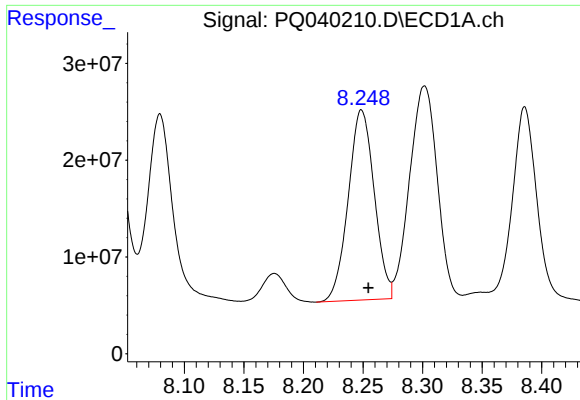
#26 AR-1254-1

R.T.: 8.007 min
Delta R.T.: -0.010 min
Response: 167303984
Conc: 959.34 ng/ml



#26 AR-1254-1

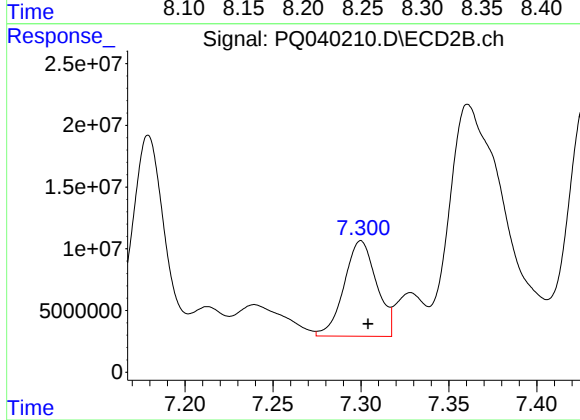
R.T.: 7.133 min
Delta R.T.: -0.004 min
Response: 262898299
Conc: 1372.58 ng/ml



#27 AR-1254-2

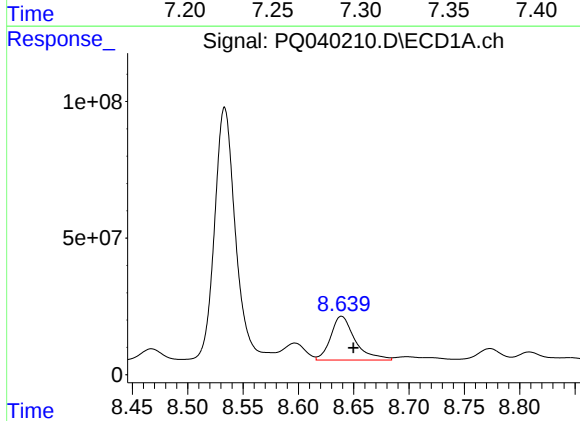
R.T.: 8.249 min
Delta R.T.: -0.006 min
Response: 298563748
Conc: 1079.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



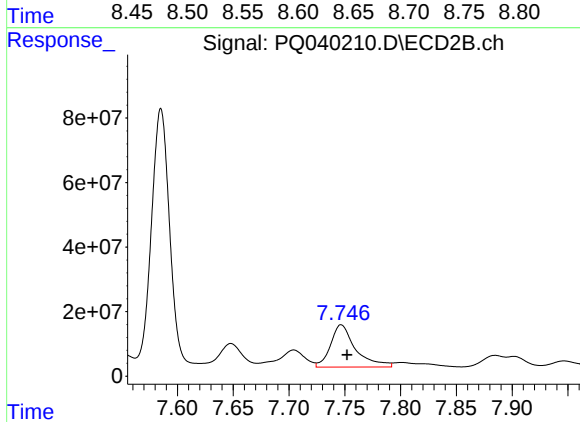
#27 AR-1254-2

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 99281842
Conc: 571.47 ng/ml



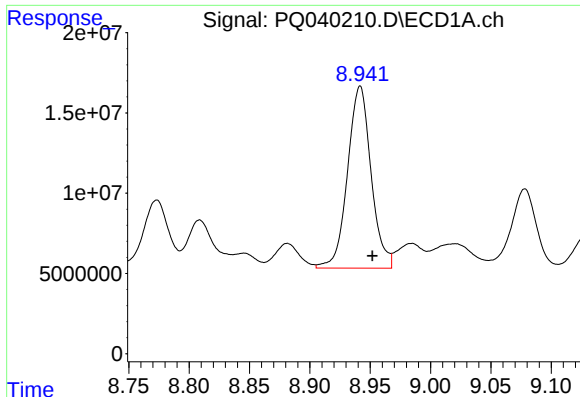
#28 AR-1254-3

R.T.: 8.639 min
Delta R.T.: -0.011 min
Response: 245927034
Conc: 828.64 ng/ml



#28 AR-1254-3

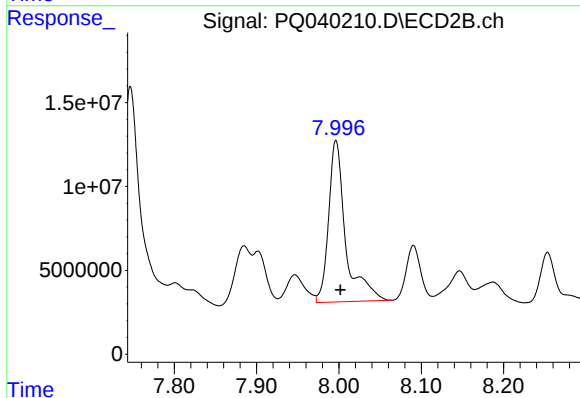
R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 204920364
Conc: 709.11 ng/ml



#29 AR-1254-4

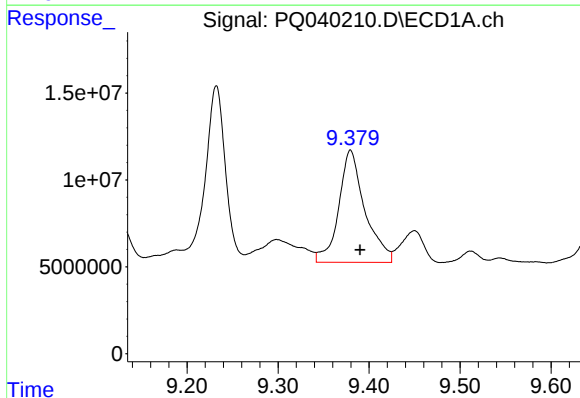
R.T.: 8.942 min
Delta R.T.: -0.010 min
Response: 153933652
Conc: 740.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



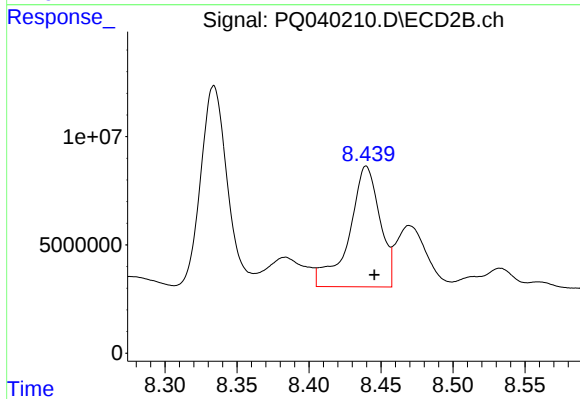
#29 AR-1254-4

R.T.: 7.997 min
Delta R.T.: -0.005 min
Response: 139063785
Conc: 778.86 ng/ml



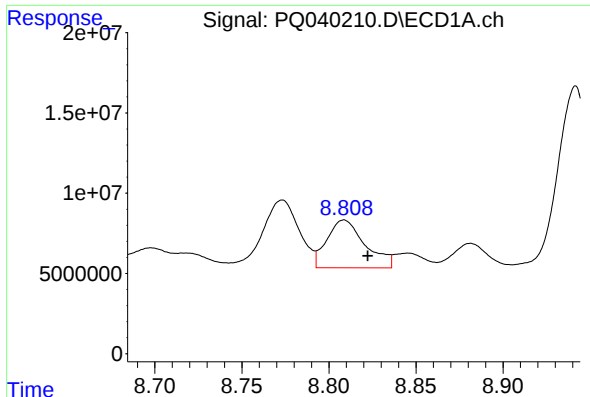
#30 AR-1254-5

R.T.: 9.380 min
Delta R.T.: -0.011 min
Response: 129038027
Conc: 448.06 ng/ml



#30 AR-1254-5

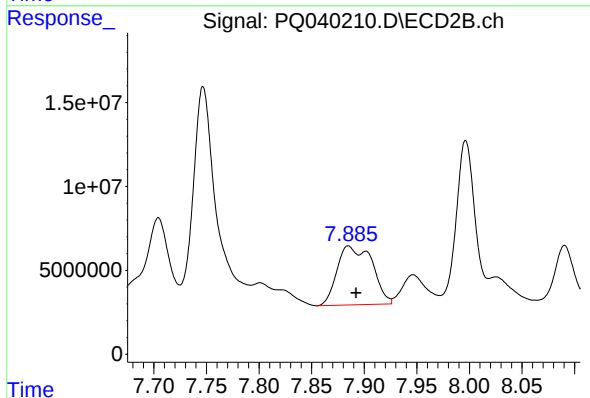
R.T.: 8.440 min
Delta R.T.: -0.006 min
Response: 82950163
Conc: 321.97 ng/ml



#31 AR-1260-1

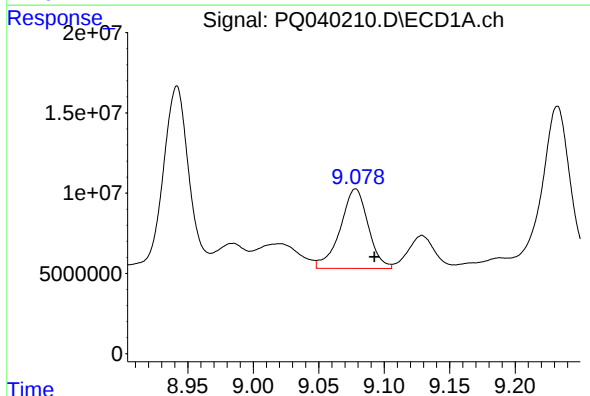
R.T.: 8.809 min
Delta R.T.: -0.014 min
Response: 45583899
Conc: 137.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



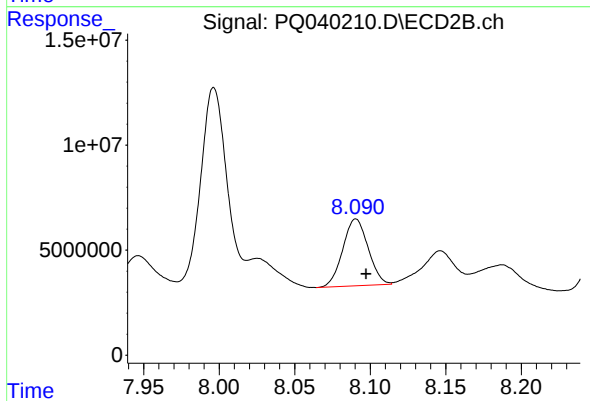
#31 AR-1260-1

R.T.: 7.885 min
Delta R.T.: -0.007 min
Response: 81362059
Conc: 296.79 ng/ml



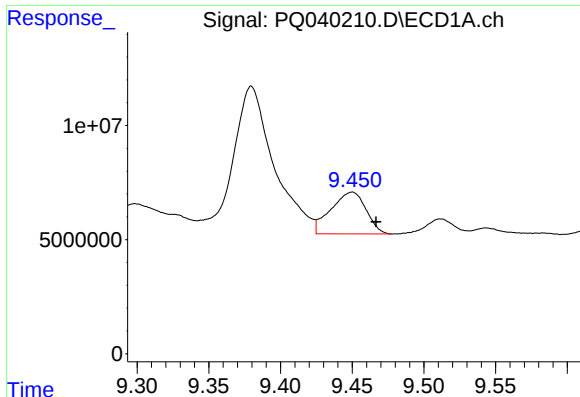
#32 AR-1260-2

R.T.: 9.078 min
Delta R.T.: -0.014 min
Response: 73605991
Conc: 182.21 ng/ml



#32 AR-1260-2

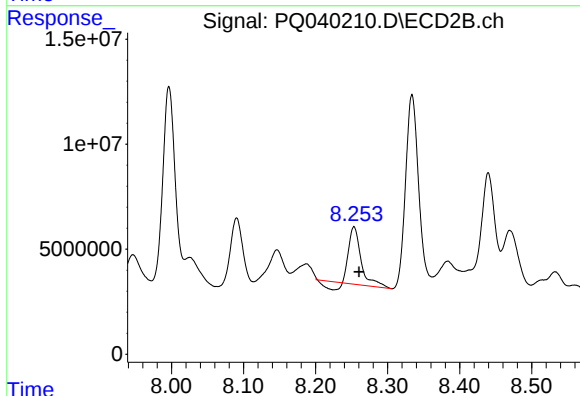
R.T.: 8.091 min
Delta R.T.: -0.007 min
Response: 37156095
Conc: 107.41 ng/ml



#33 AR-1260-3

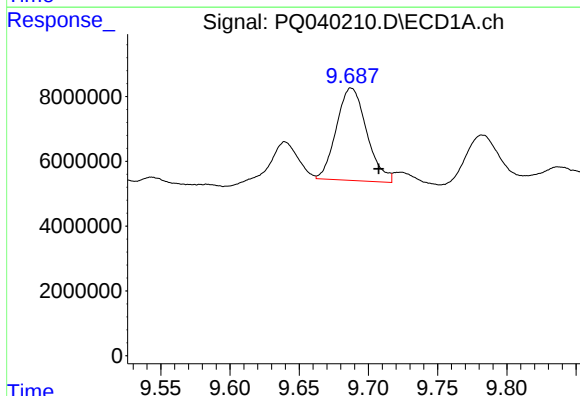
R.T.: 9.450 min
Delta R.T.: -0.017 min
Response: 31273831
Conc: 94.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



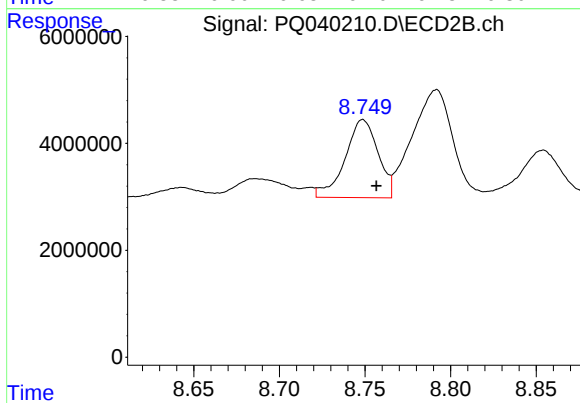
#33 AR-1260-3

R.T.: 8.253 min
Delta R.T.: -0.007 min
Response: 28985317
Conc: 90.38 ng/ml



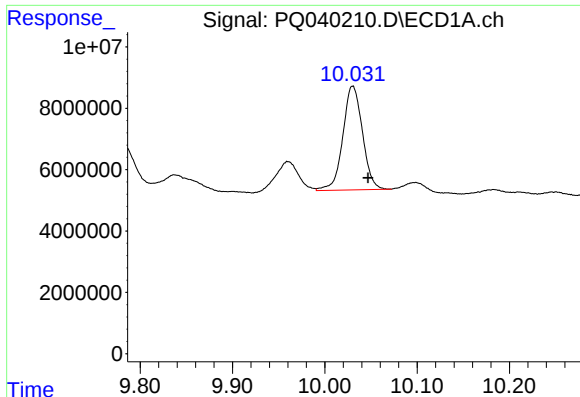
#34 AR-1260-4

R.T.: 9.688 min
Delta R.T.: -0.020 min
Response: 43472876
Conc: 117.96 ng/ml



#34 AR-1260-4

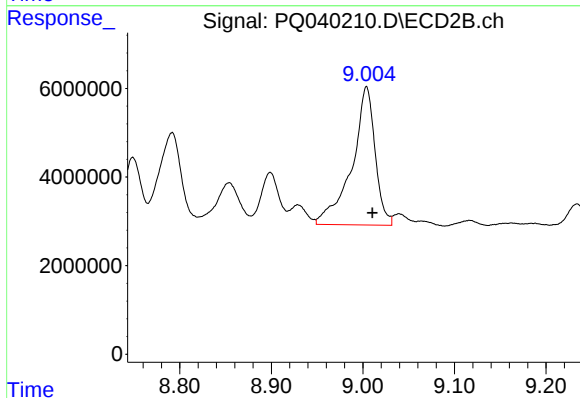
R.T.: 8.749 min
Delta R.T.: -0.008 min
Response: 19594579
Conc: 72.11 ng/ml



#35 AR-1260-5

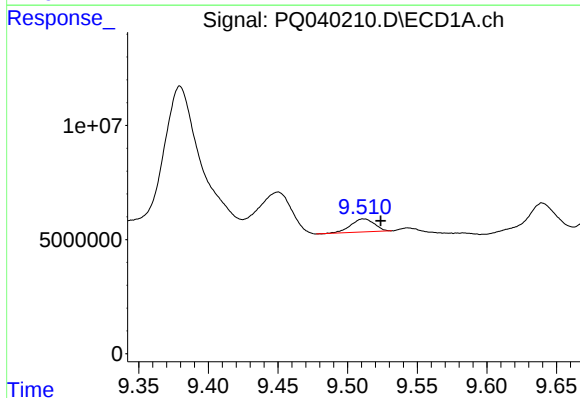
R.T.: 10.030 min
Delta R.T.: -0.017 min
Response: 49923088
Conc: 64.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



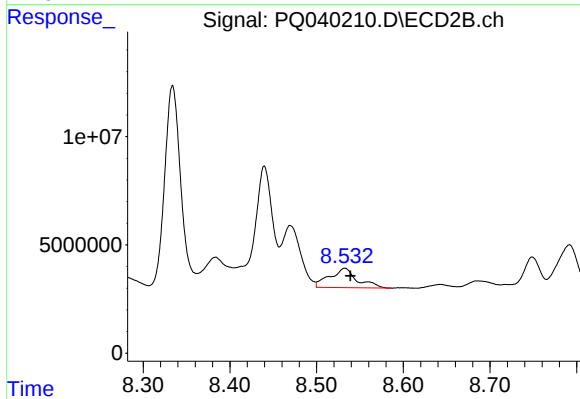
#35 AR-1260-5

R.T.: 9.004 min
Delta R.T.: -0.006 min
Response: 54984261
Conc: 81.80 ng/ml



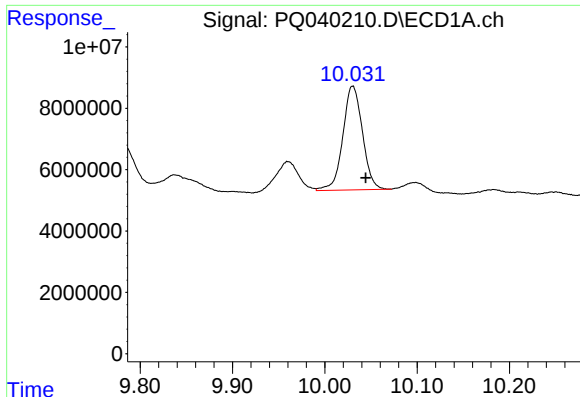
#36 AR-1262-1

R.T.: 9.512 min
Delta R.T.: -0.012 min
Response: 6751532
Conc: 48.57 ng/ml



#36 AR-1262-1

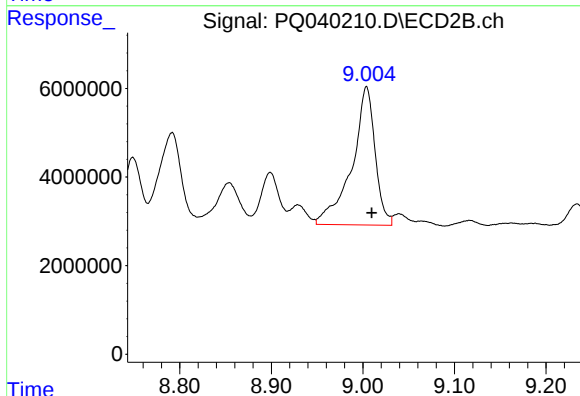
R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 19808009
Conc: 174.45 ng/ml



#37 AR-1262-2

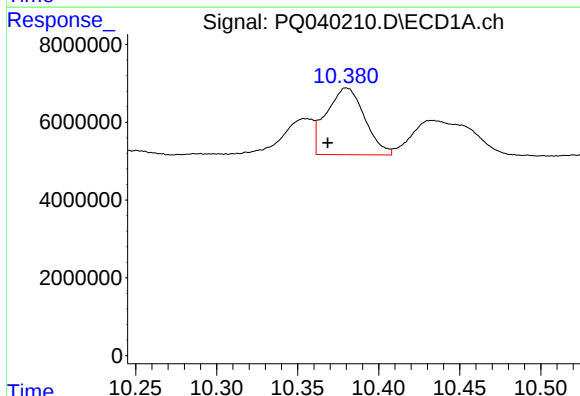
R.T.: 10.030 min
Delta R.T.: -0.014 min
Response: 49923088
Conc: 86.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



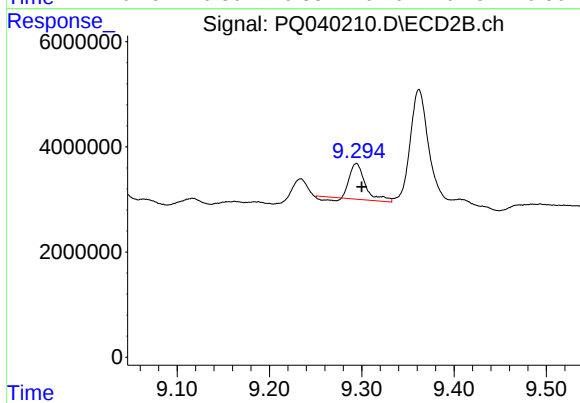
#37 AR-1262-2

R.T.: 9.004 min
Delta R.T.: -0.006 min
Response: 54984261
Conc: 110.82 ng/ml



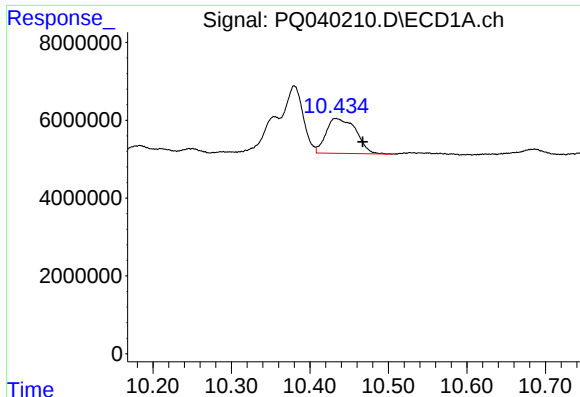
#38 AR-1262-3

R.T.: 10.380 min
Delta R.T.: 0.012 min
Response: 28154751
Conc: 66.59 ng/ml



#38 AR-1262-3

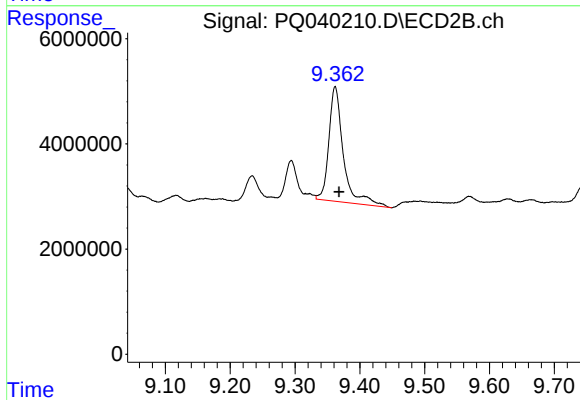
R.T.: 9.294 min
Delta R.T.: -0.006 min
Response: 7932840
Conc: 37.73 ng/ml



#39 AR-1262-4

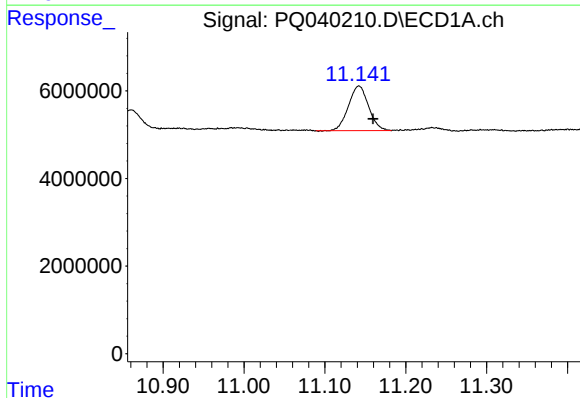
R.T.: 10.433 min
Delta R.T.: -0.034 min
Response: 23775290
Conc: 62.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



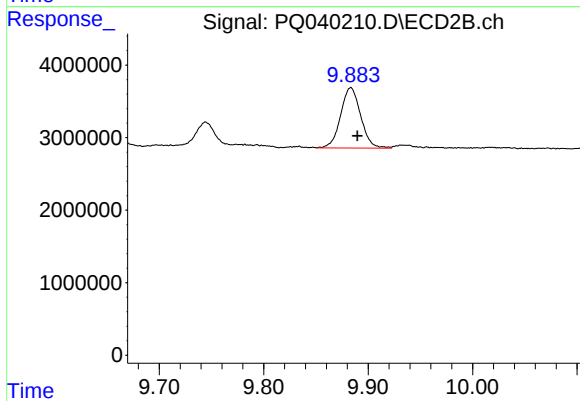
#39 AR-1262-4

R.T.: 9.362 min
Delta R.T.: -0.006 min
Response: 33927671
Conc: 89.61 ng/ml



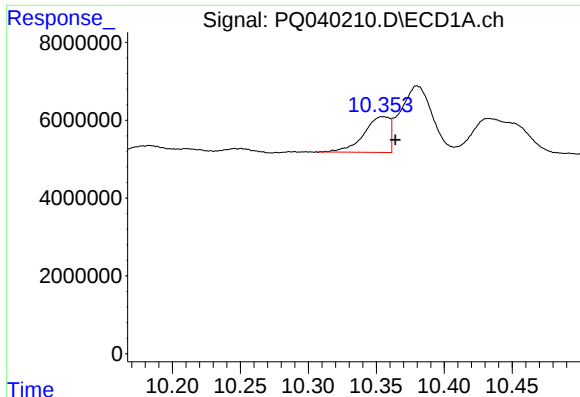
#40 AR-1262-5

R.T.: 11.142 min
Delta R.T.: -0.017 min
Response: 17624745
Conc: 75.01 ng/ml



#40 AR-1262-5

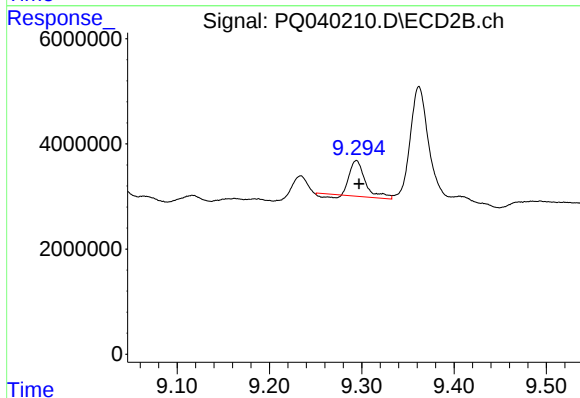
R.T.: 9.883 min
Delta R.T.: -0.006 min
Response: 11077415
Conc: 68.32 ng/ml



#41 AR-1268-1

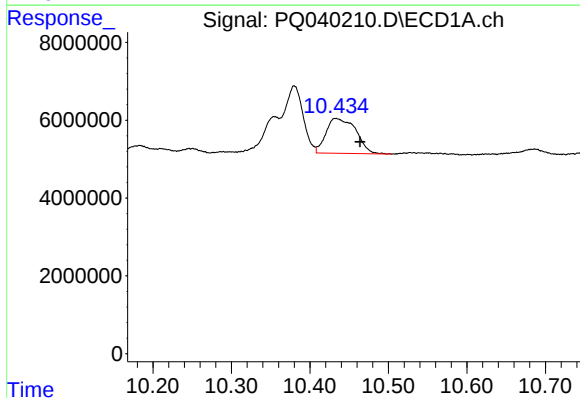
R.T.: 10.355 min
Delta R.T.: -0.009 min
Response: 12177099
Conc: 20.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMP5



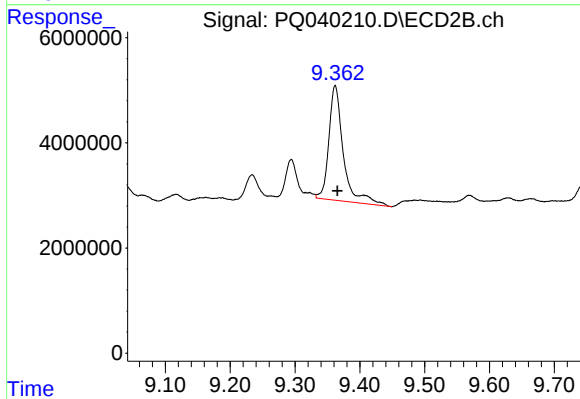
#41 AR-1268-1

R.T.: 9.294 min
Delta R.T.: -0.003 min
Response: 7932840
Conc: 17.38 ng/ml



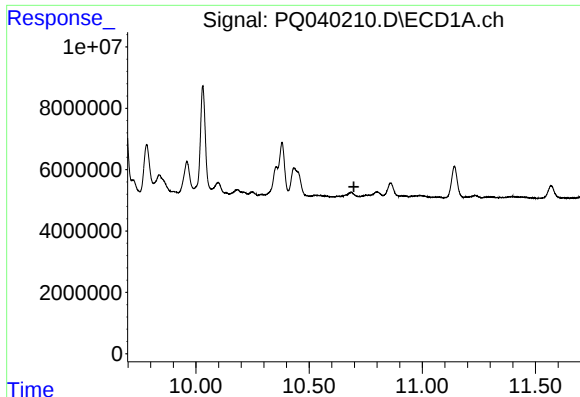
#42 AR-1268-2

R.T.: 10.433 min
Delta R.T.: -0.031 min
Response: 23775290
Conc: 38.64 ng/ml



#42 AR-1268-2

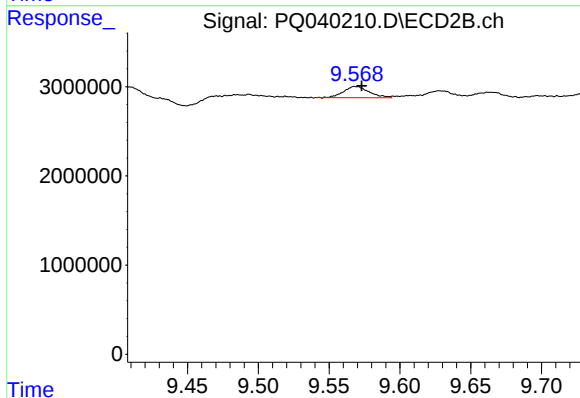
R.T.: 9.362 min
Delta R.T.: -0.004 min
Response: 33927671
Conc: 77.60 ng/ml



#43 AR-1268-3

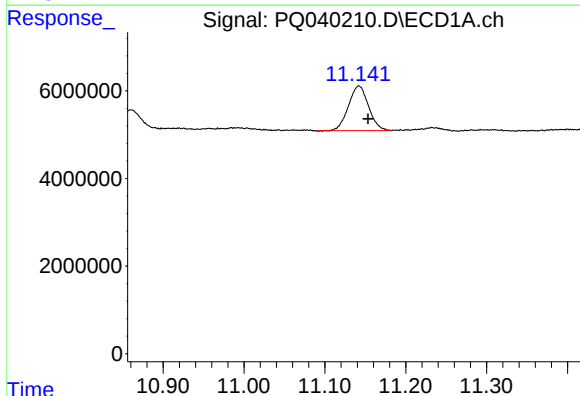
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMP5



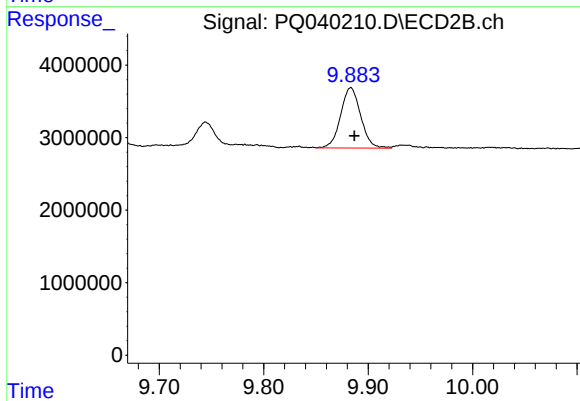
#43 AR-1268-3

R.T.: 9.569 min
Delta R.T.: -0.004 min
Response: 1597492
Conc: 4.26 ng/ml



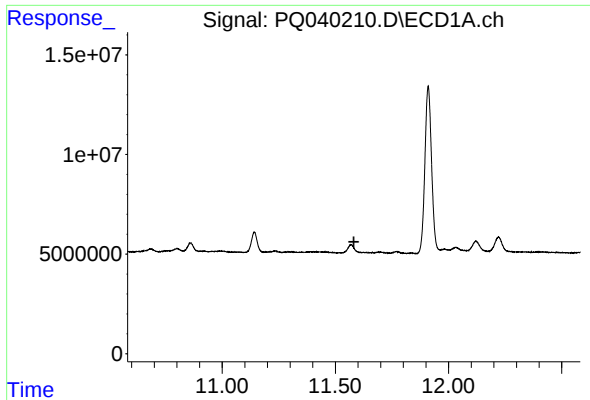
#44 AR-1268-4

R.T.: 11.142 min
Delta R.T.: -0.011 min
Response: 17624745
Conc: 86.41 ng/ml



#44 AR-1268-4

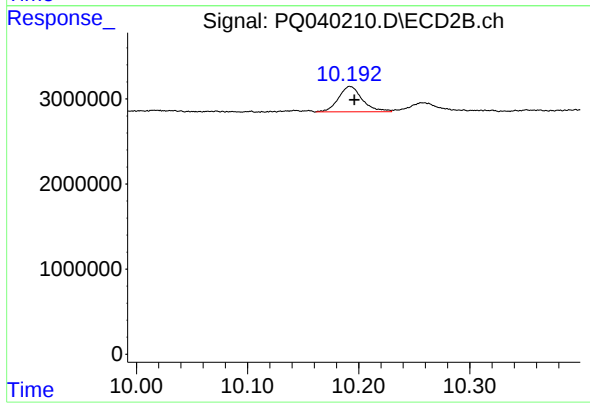
R.T.: 9.883 min
Delta R.T.: -0.003 min
Response: 11077415
Conc: 80.40 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMP5



#45 AR-1268-5

R.T.: 10.192 min
Delta R.T.: -0.004 min
Response: 4449855
Conc: 3.77 ng/ml