

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121818\
 Data File : PQ035693.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2018 20:43
 Operator : SM\SJ
 Sample : J6389-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 05:03:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 12 22:07:58 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...	4.427	3.740	47034794	24856229	12.021	11.124
2)	SA Decachlor...	10.128	8.720	18946990	13632819	6.428	7.713
Target Compounds							
3)	L1 AR-1016-1	5.592	4.868	2339418	862445	18.284	11.185 #
4)	L1 AR-1016-2	5.622	4.868	3712789	862445	19.359	7.622 #
5)	L1 AR-1016-3	5.622	5.016	3712789	1961890	32.440	33.594
6)	L1 AR-1016-4	5.772	5.052	3293222	7804938	34.583	165.989 #
7)	L1 AR-1016-5	6.067	5.267	4532824	3527023	49.792	57.455
8)	L2 AR-1221-1	0.000	3.944	0	1744045	N.D.	85.479 #
10)	L2 AR-1221-3	0.000	4.179	0	26719165	N.D.	549.996 #
11)	L3 AR-1232-1	0.000	4.179	0	26719165	N.D.	606.821 #
12)	L3 AR-1232-2	0.000	4.868	0	862445	N.D.	17.579 #
13)	L3 AR-1232-3	5.622	5.016	3712789	1961890	45.406	76.782 #
14)	L3 AR-1232-4	5.772	5.093	3293222	5553613	82.243	243.405 #
15)	L3 AR-1232-5	5.862	5.267	12657623	3527023	399.691	141.209 #
16)	L4 AR-1242-1	5.592	4.868	2339418	862445	24.248	14.575 #
17)	L4 AR-1242-2	5.622	4.868	3712789	862445	25.590	10.016 #
18)	L4 AR-1242-3	5.622	5.016	3712789	1961890	42.914	43.563
19)	L4 AR-1242-4	5.772	5.093	3293222	5553613	47.604	125.416 #
20)	L4 AR-1242-5	6.512	5.614	25916626	227.7E6	330.346	4126.485 #
21)	L5 AR-1248-1	5.592	4.868	2339418	862445	35.443	21.859 #
22)	L5 AR-1248-2	5.862	5.052	12657623	7804938	133.540	143.806
23)	L5 AR-1248-3	6.067	5.093	4532824	5553613	43.380	99.522 #
24)	L5 AR-1248-4	6.512	5.267	25916626	3527023	210.451	50.950 #
25)	L5 AR-1248-5	6.512	5.655	25916626	6024137	221.523	85.470 #
26)	L6 AR-1254-1	6.443	5.614	391.7E6	227.7E6	2572.863	1707.339 #
27)	L6 AR-1254-2	6.659	5.760	453.6E6	249.6E6	1916.974	2159.945
28)	L6 AR-1254-3	7.029	6.174	313.3E6	719.2E6	1220.282	3725.148 #
29)	L6 AR-1254-4	7.312	6.390	119.3E6	25450994	657.716	211.486 #
30)	L6 AR-1254-5	7.733	6.803	3127.2E6	1760.0E6	15942.923	10806.867 #
31)	L7 AR-1260-1	7.189	6.289	2109.1E6	1237.9E6	11437.493	9841.389
32)	L7 AR-1260-2	7.445	6.477	2501.7E6	1497.3E6	11513.598	9915.098
33)	L7 AR-1260-3	7.804	6.630	1777.0E6	1386.5E6	13265.205	9922.615 #
34)	L7 AR-1260-4	8.033	7.097	2185.9E6	1167.5E6	13263.016	12573.280
35)	L7 AR-1260-5	8.352	7.340	4075.3E6	2515.1E6	13667.839	11208.412
36)	L8 AR-1262-1	7.804	6.838	1777.0E6	1169.2E6	8111.525	7618.361
37)	L8 AR-1262-2	8.352	7.340	4075.3E6	2515.1E6	10817.897	9424.891
38)	L8 AR-1262-3	8.681	7.618	2509.4E6	501.8E6	10439.055	4835.514 #
39)	L8 AR-1262-4	8.732	7.685	1341.7E6	1864.7E6	7426.465	10066.016 #
40)	L8 AR-1262-5	9.399	8.182	867.9E6	344.7E6	7621.089	4643.523 #
41)	L9 AR-1268-1	8.681	7.618	2509.4E6	501.8E6	5201.019	1504.948 #
42)	L9 AR-1268-2	8.732	7.685	1341.7E6	1864.7E6	3109.734	6291.987 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121818\
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 Acq On : 18 Dec 2018 20:43
 Operator : SM\SJ
 Sample : J6389-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

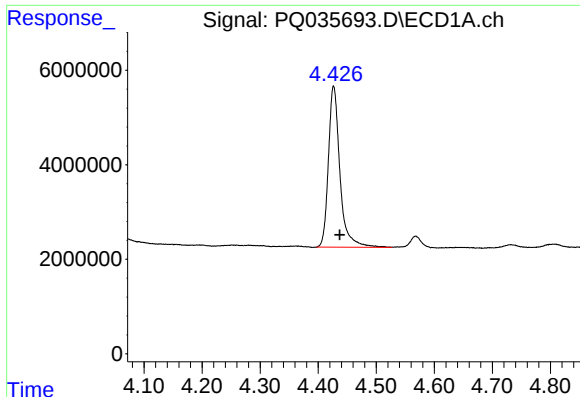
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 05:03:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
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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
43) L9	AR-1268-3	8.972	7.885	35572390	21499497	94.129	87.959
44) L9	AR-1268-4	9.399	8.182	867.9E6	344.7E6	6330.884	3694.754 #
45) L9	AR-1268-5	9.805	8.471	170.1E6	93049909	146.925	127.387

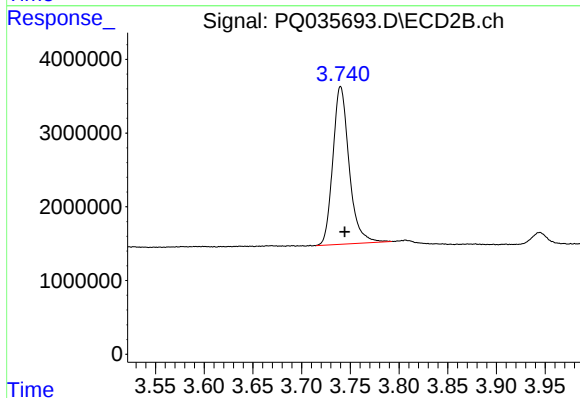
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

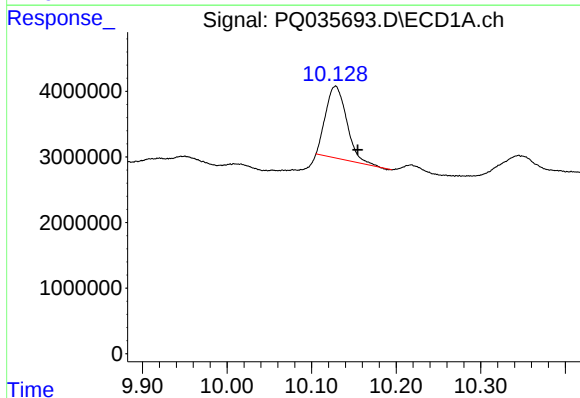
R.T.: 4.427 min
Delta R.T.: -0.010 min
Response: 47034794
Conc: 12.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



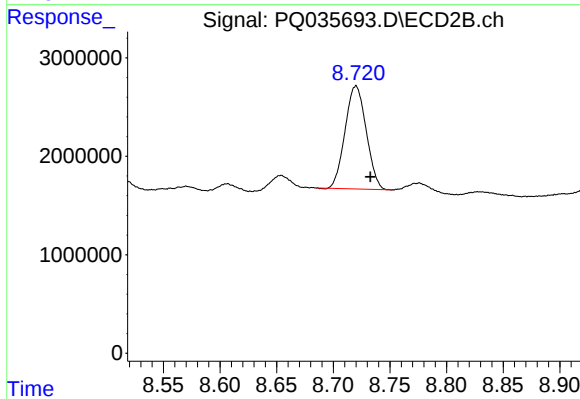
#1 Tetrachloro-m-xylene

R.T.: 3.740 min
Delta R.T.: -0.004 min
Response: 24856229
Conc: 11.12 ng/ml



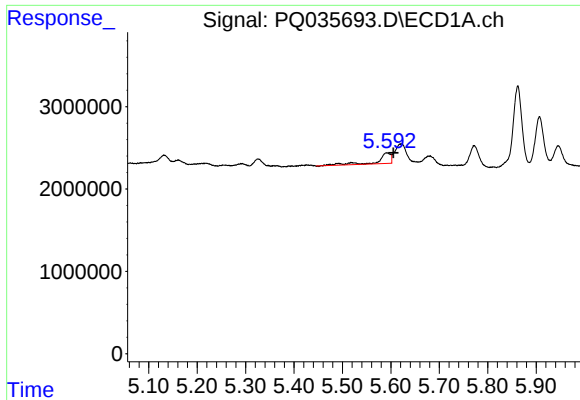
#2 Decachlorobiphenyl

R.T.: 10.128 min
Delta R.T.: -0.026 min
Response: 18946990
Conc: 6.43 ng/ml



#2 Decachlorobiphenyl

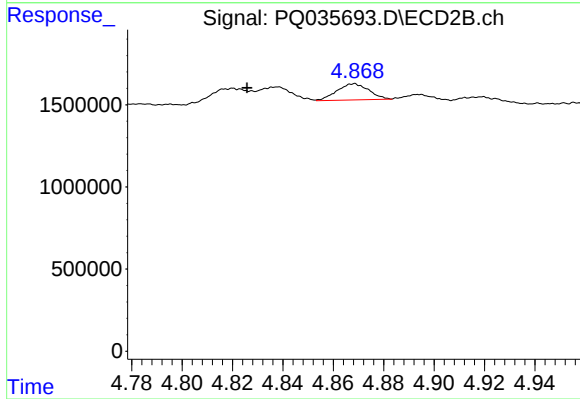
R.T.: 8.720 min
Delta R.T.: -0.013 min
Response: 13632819
Conc: 7.71 ng/ml



#3 AR-1016-1

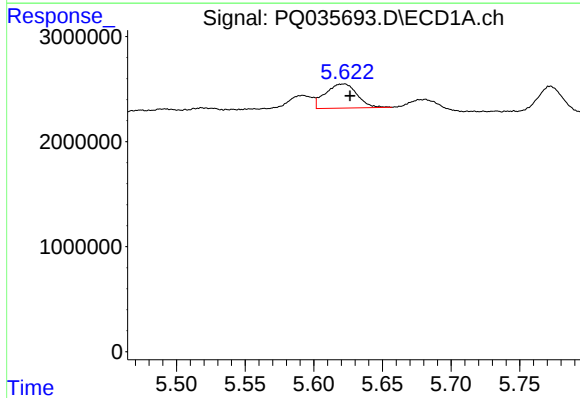
R.T.: 5.592 min
Delta R.T.: -0.013 min
Response: 2339418
Conc: 18.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



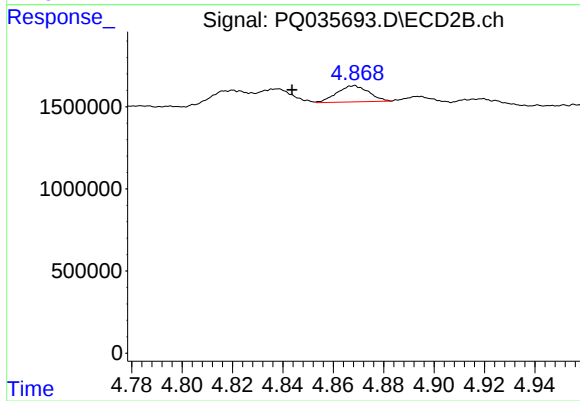
#3 AR-1016-1

R.T.: 4.868 min
Delta R.T.: 0.042 min
Response: 862445
Conc: 11.19 ng/ml



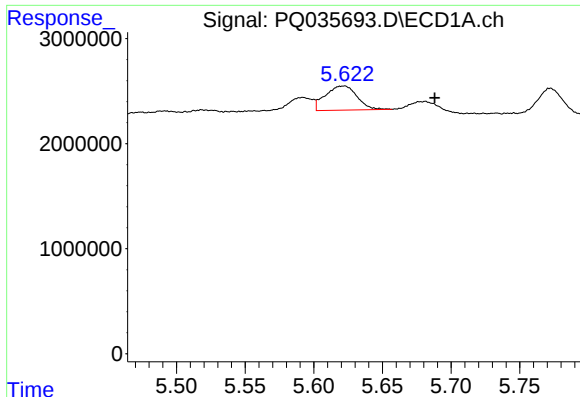
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: -0.005 min
Response: 3712789
Conc: 19.36 ng/ml



#4 AR-1016-2

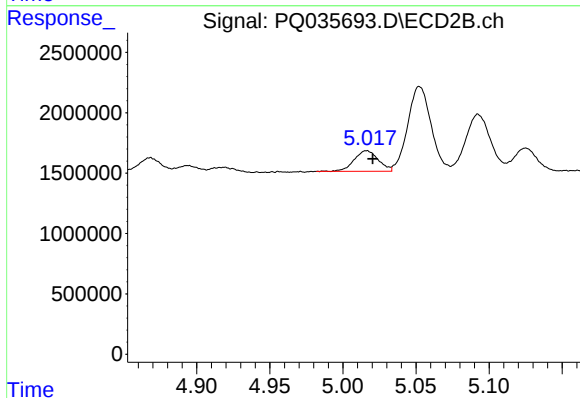
R.T.: 4.868 min
Delta R.T.: 0.025 min
Response: 862445
Conc: 7.62 ng/ml



#5 AR-1016-3

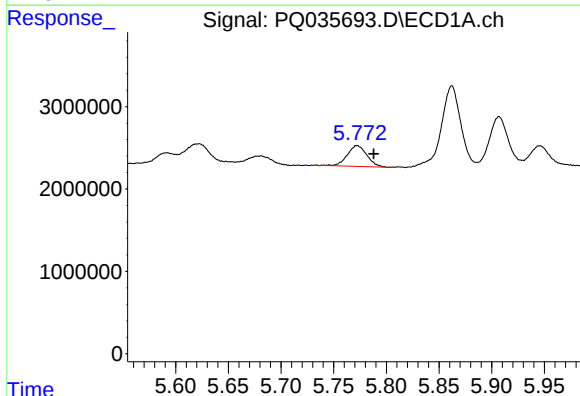
R.T.: 5.622 min
Delta R.T.: -0.066 min
Response: 3712789
Conc: 32.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



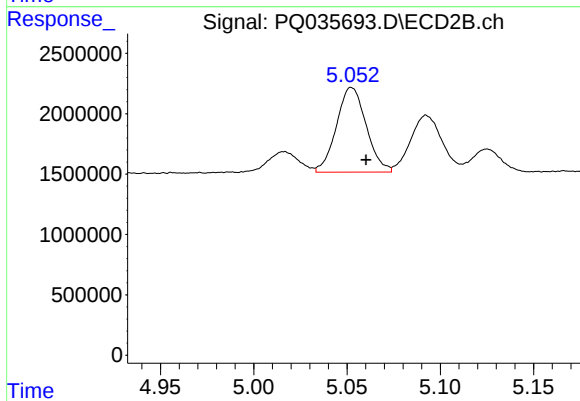
#5 AR-1016-3

R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 1961890
Conc: 33.59 ng/ml



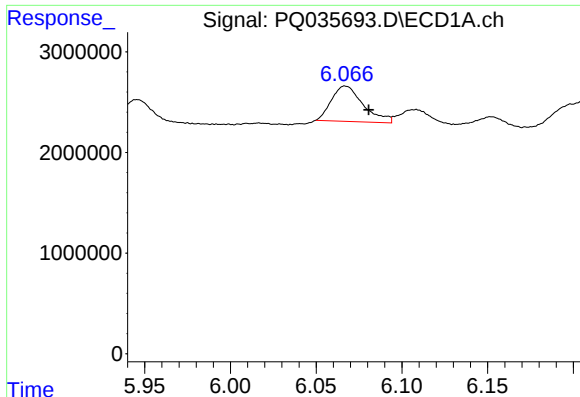
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: -0.016 min
Response: 3293222
Conc: 34.58 ng/ml



#6 AR-1016-4

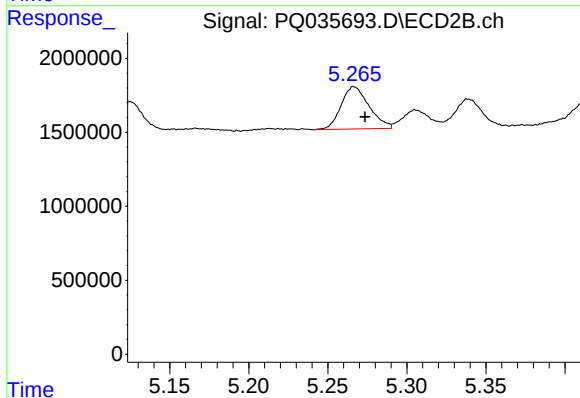
R.T.: 5.052 min
Delta R.T.: -0.008 min
Response: 7804938
Conc: 165.99 ng/ml



#7 AR-1016-5

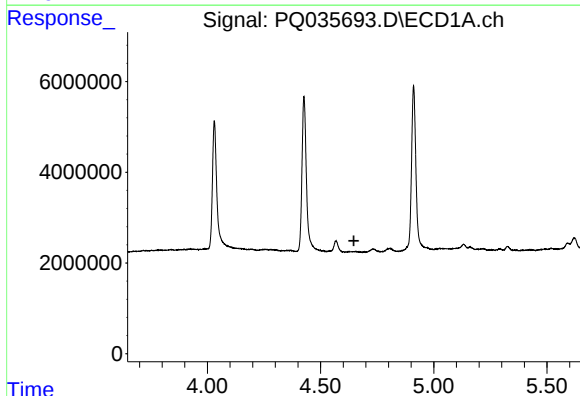
R.T.: 6.067 min
Delta R.T.: -0.014 min
Response: 4532824
Conc: 49.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



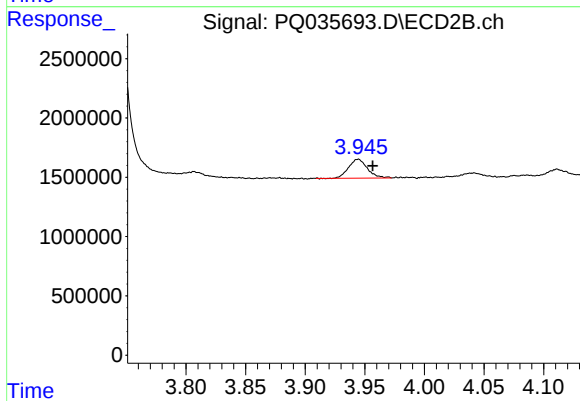
#7 AR-1016-5

R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 3527023
Conc: 57.45 ng/ml



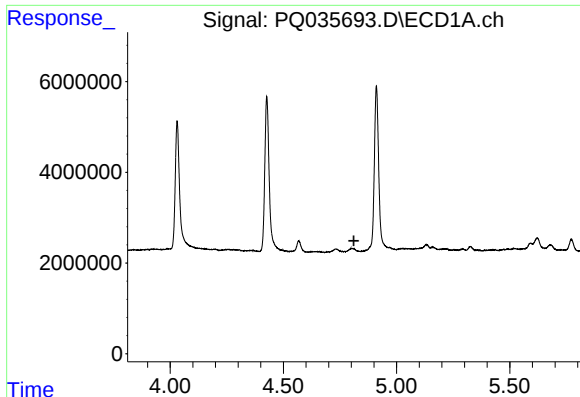
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.647 min
Response: 0
Conc: N.D.



#8 AR-1221-1

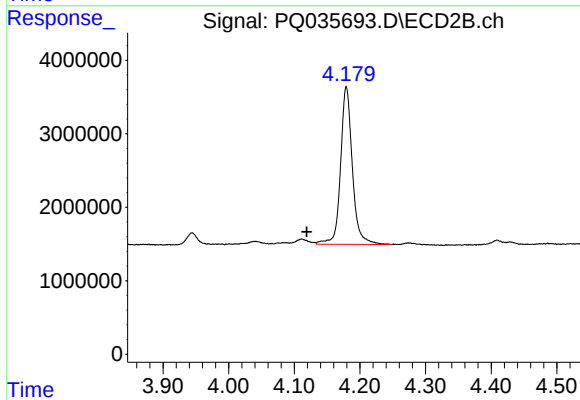
R.T.: 3.944 min
Delta R.T.: -0.012 min
Response: 1744045
Conc: 85.48 ng/ml



#10 AR-1221-3

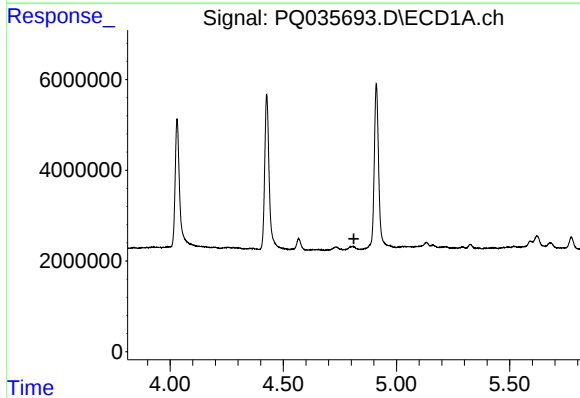
R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



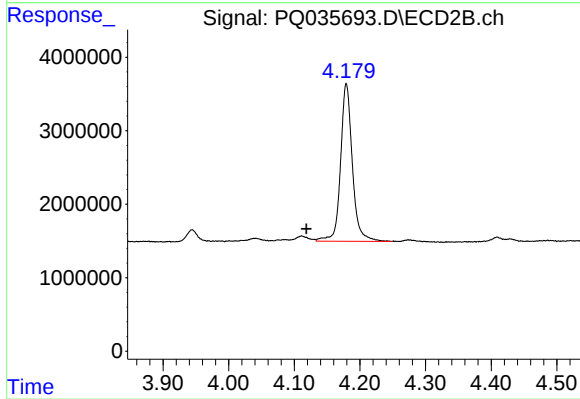
#10 AR-1221-3

R.T.: 4.179 min
Delta R.T.: 0.061 min
Response: 26719165
Conc: 550.00 ng/ml



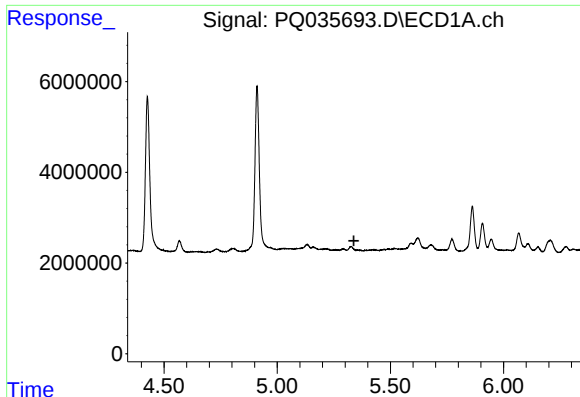
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.



#11 AR-1232-1

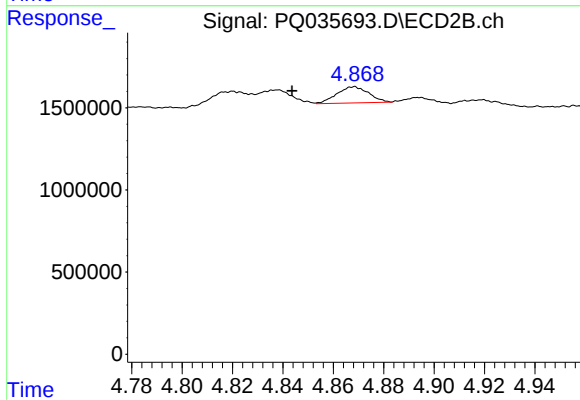
R.T.: 4.179 min
Delta R.T.: 0.061 min
Response: 26719165
Conc: 606.82 ng/ml



#12 AR-1232-2

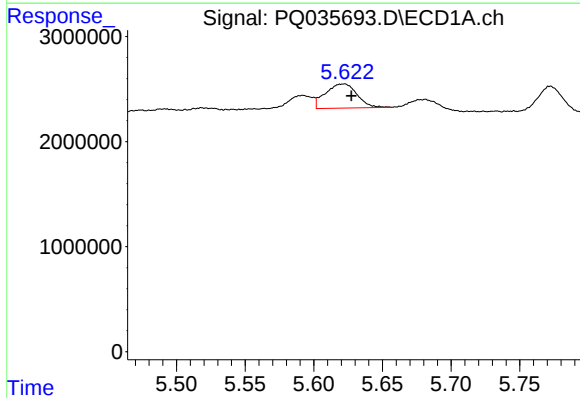
R.T.: 0.000 min
Exp R.T.: 5.339 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



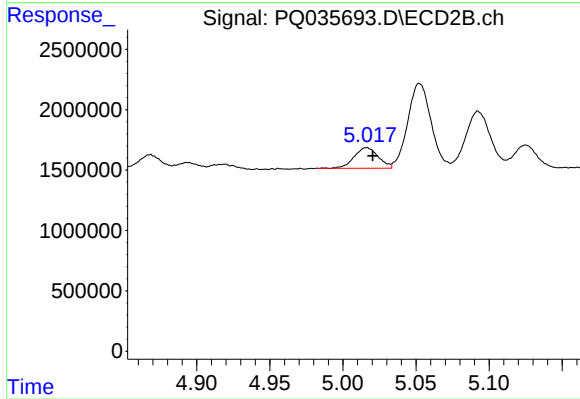
#12 AR-1232-2

R.T.: 4.868 min
Delta R.T.: 0.025 min
Response: 862445
Conc: 17.58 ng/ml



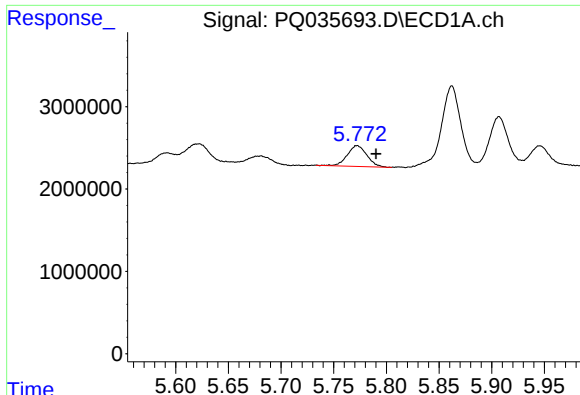
#13 AR-1232-3

R.T.: 5.622 min
Delta R.T.: -0.006 min
Response: 3712789
Conc: 45.41 ng/ml



#13 AR-1232-3

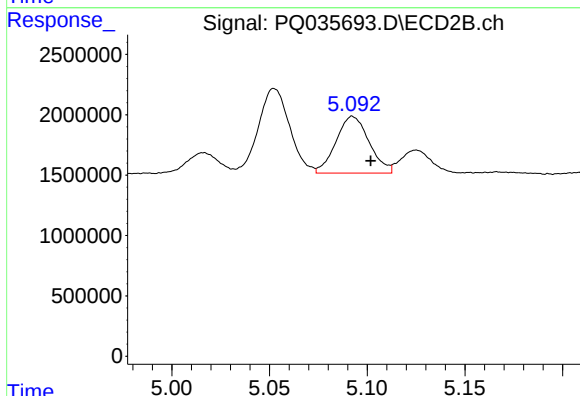
R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 1961890
Conc: 76.78 ng/ml



#14 AR-1232-4

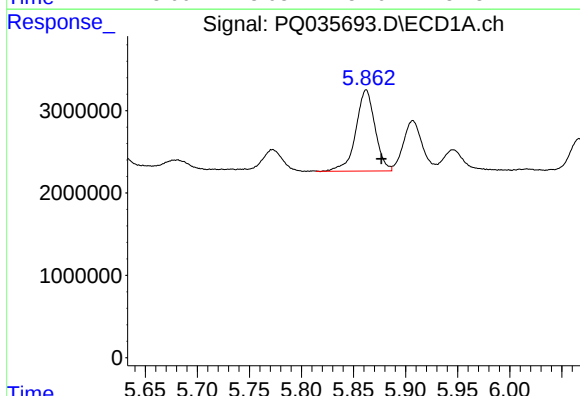
R.T.: 5.772 min
Delta R.T.: -0.018 min
Response: 3293222
Conc: 82.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



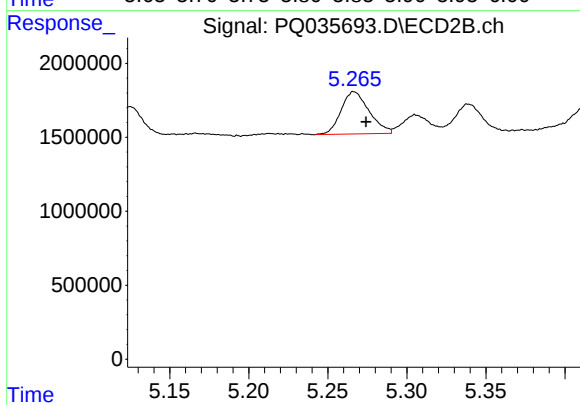
#14 AR-1232-4

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 5553613
Conc: 243.41 ng/ml



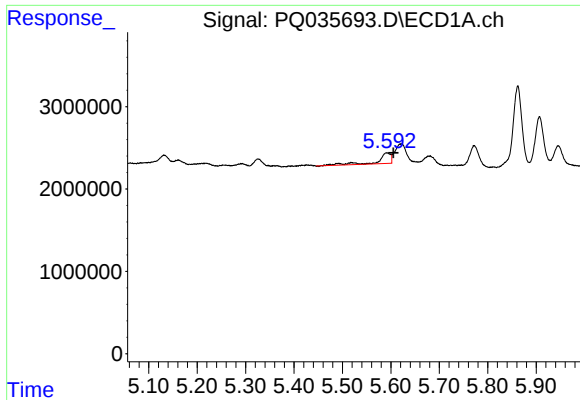
#15 AR-1232-5

R.T.: 5.862 min
Delta R.T.: -0.015 min
Response: 12657623
Conc: 399.69 ng/ml



#15 AR-1232-5

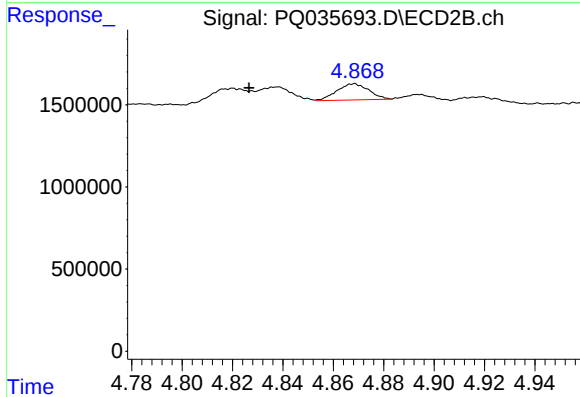
R.T.: 5.267 min
Delta R.T.: -0.008 min
Response: 3527023
Conc: 141.21 ng/ml



#16 AR-1242-1

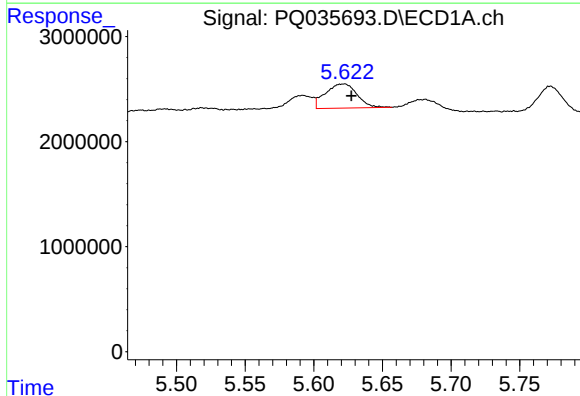
R.T.: 5.592 min
Delta R.T.: -0.013 min
Response: 2339418
Conc: 24.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



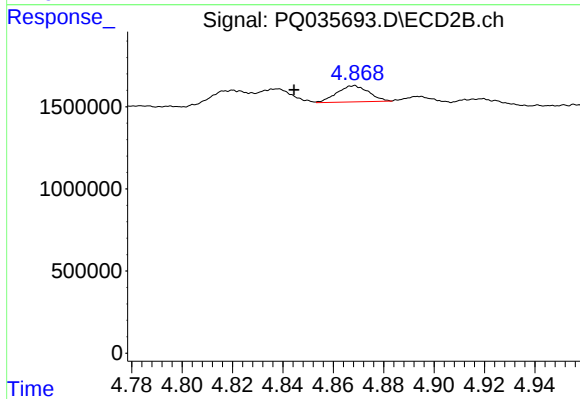
#16 AR-1242-1

R.T.: 4.868 min
Delta R.T.: 0.042 min
Response: 862445
Conc: 14.57 ng/ml



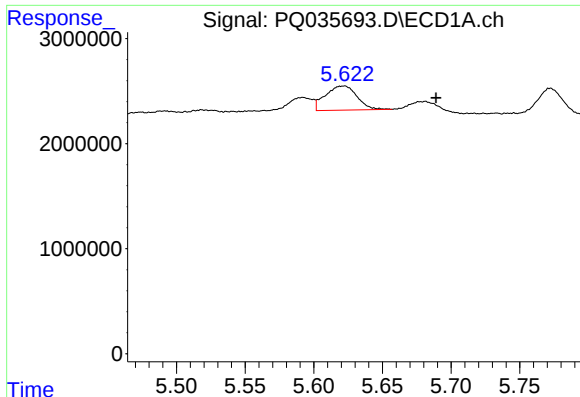
#17 AR-1242-2

R.T.: 5.622 min
Delta R.T.: -0.006 min
Response: 3712789
Conc: 25.59 ng/ml



#17 AR-1242-2

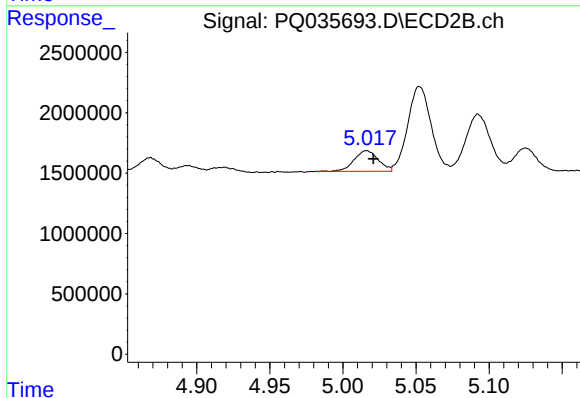
R.T.: 4.868 min
Delta R.T.: 0.024 min
Response: 862445
Conc: 10.02 ng/ml



#18 AR-1242-3

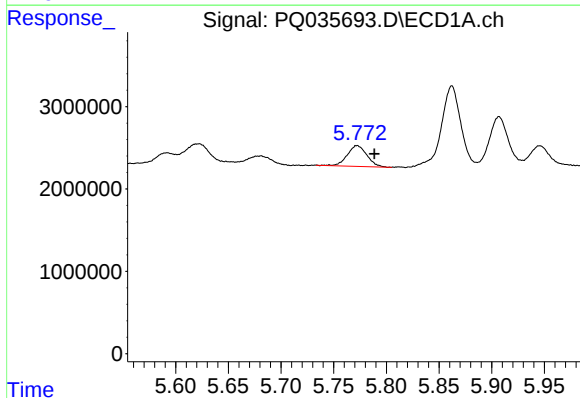
R.T.: 5.622 min
Delta R.T.: -0.067 min
Response: 3712789
Conc: 42.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



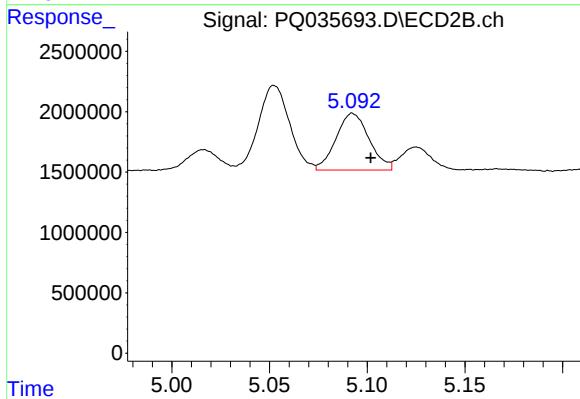
#18 AR-1242-3

R.T.: 5.016 min
Delta R.T.: -0.005 min
Response: 1961890
Conc: 43.56 ng/ml



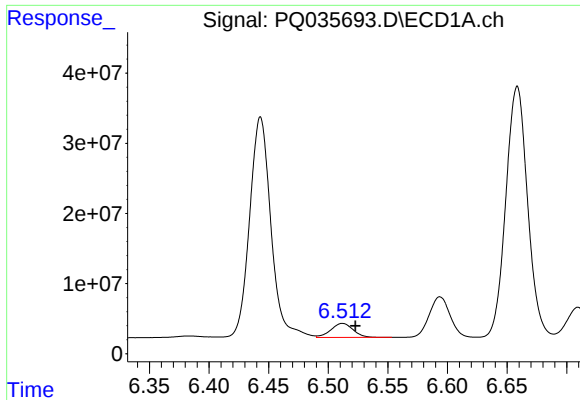
#19 AR-1242-4

R.T.: 5.772 min
Delta R.T.: -0.017 min
Response: 3293222
Conc: 47.60 ng/ml



#19 AR-1242-4

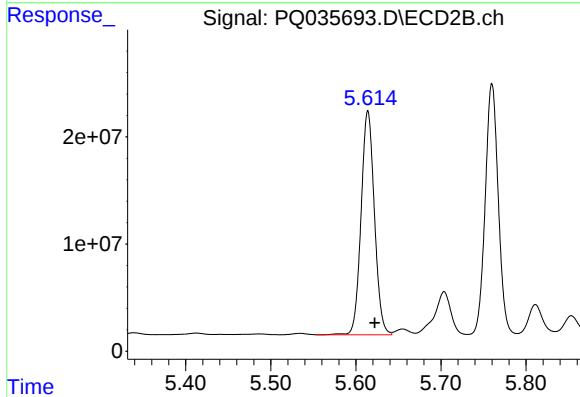
R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 5553613
Conc: 125.42 ng/ml



#20 AR-1242-5

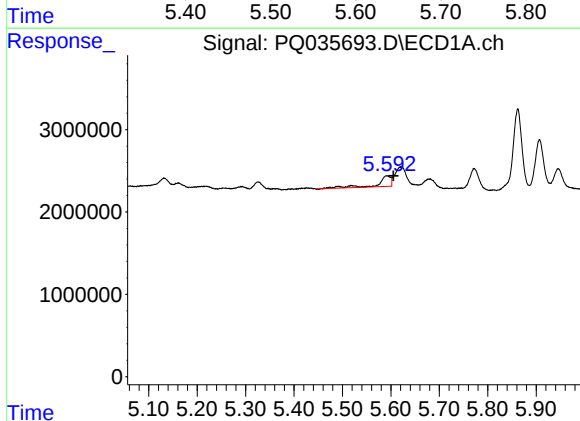
R.T.: 6.512 min
Delta R.T.: -0.011 min
Response: 25916626
Conc: 330.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



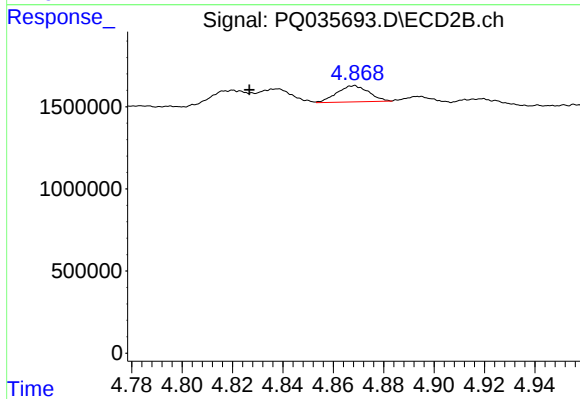
#20 AR-1242-5

R.T.: 5.614 min
Delta R.T.: -0.008 min
Response: 227738673
Conc: 4126.49 ng/ml



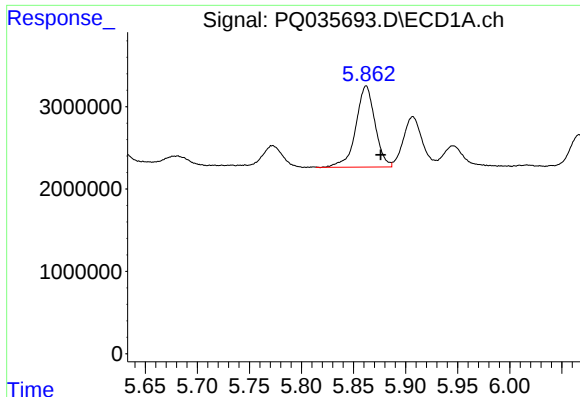
#21 AR-1248-1

R.T.: 5.592 min
Delta R.T.: -0.013 min
Response: 2339418
Conc: 35.44 ng/ml



#21 AR-1248-1

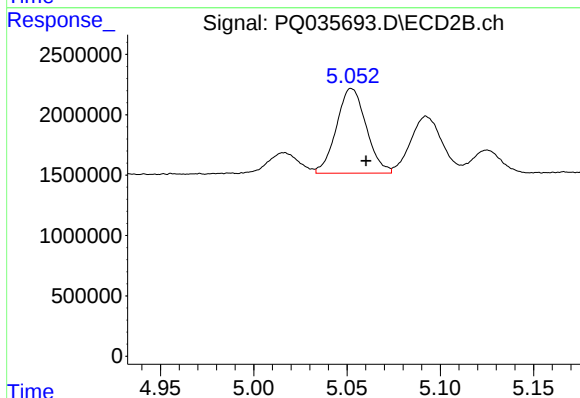
R.T.: 4.868 min
Delta R.T.: 0.042 min
Response: 862445
Conc: 21.86 ng/ml



#22 AR-1248-2

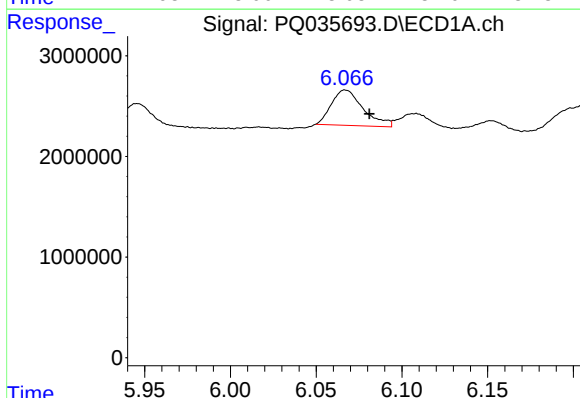
R.T.: 5.862 min
Delta R.T.: -0.014 min
Response: 12657623
Conc: 133.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



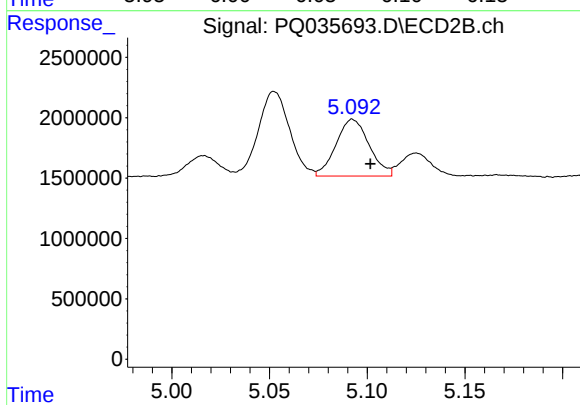
#22 AR-1248-2

R.T.: 5.052 min
Delta R.T.: -0.008 min
Response: 7804938
Conc: 143.81 ng/ml



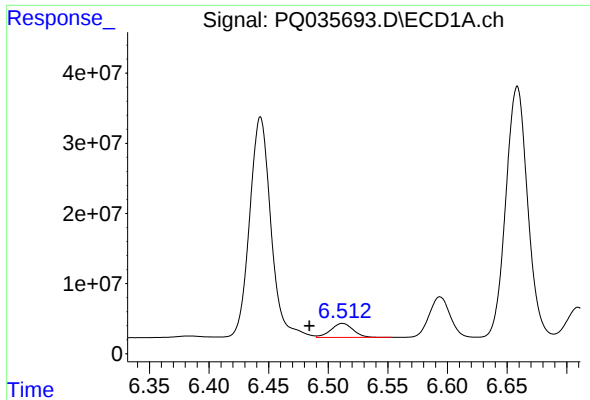
#23 AR-1248-3

R.T.: 6.067 min
Delta R.T.: -0.014 min
Response: 4532824
Conc: 43.38 ng/ml



#23 AR-1248-3

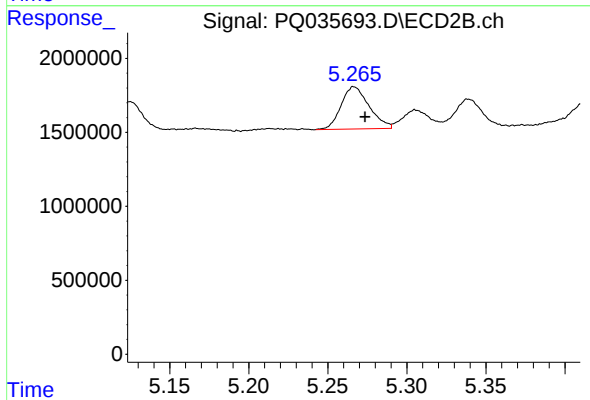
R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 5553613
Conc: 99.52 ng/ml



#24 AR-1248-4

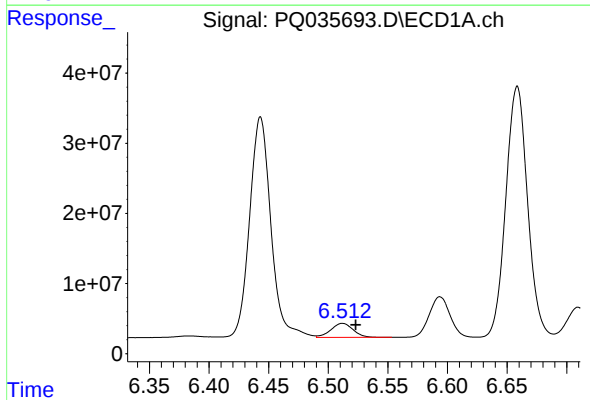
R.T.: 6.512 min
Delta R.T.: 0.028 min
Response: 25916626
Conc: 210.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



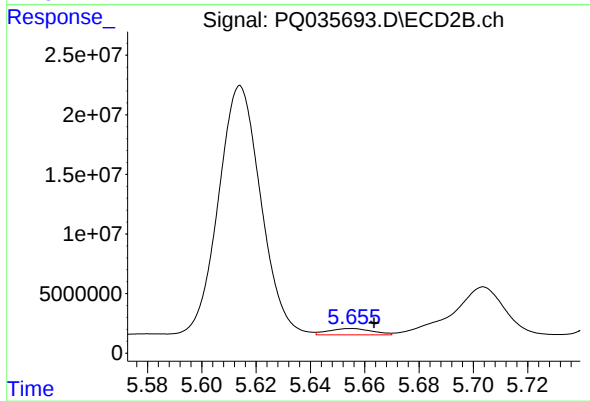
#24 AR-1248-4

R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 3527023
Conc: 50.95 ng/ml



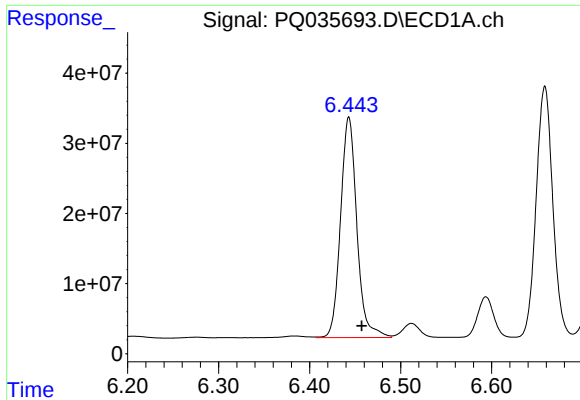
#25 AR-1248-5

R.T.: 6.512 min
Delta R.T.: -0.011 min
Response: 25916626
Conc: 221.52 ng/ml



#25 AR-1248-5

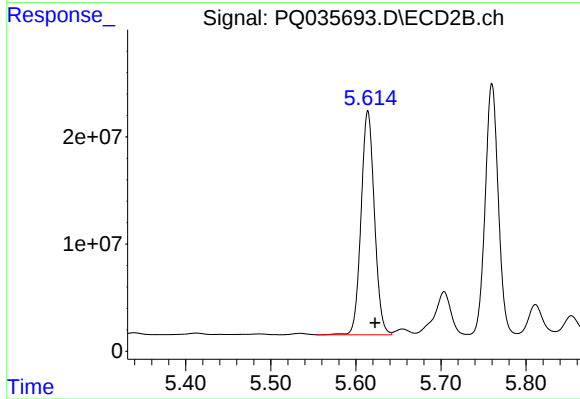
R.T.: 5.655 min
Delta R.T.: -0.008 min
Response: 6024137
Conc: 85.47 ng/ml



#26 AR-1254-1

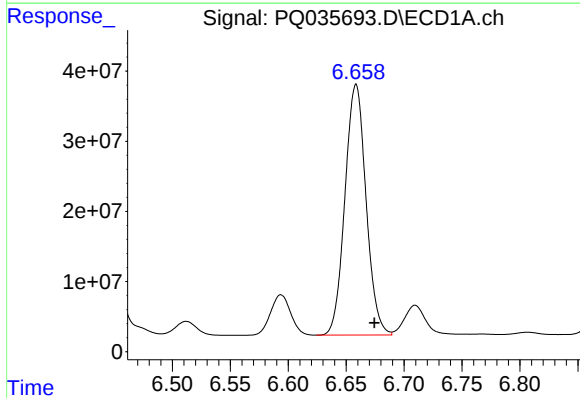
R.T.: 6.443 min
Delta R.T.: -0.014 min
Response: 391675014
Conc: 2572.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



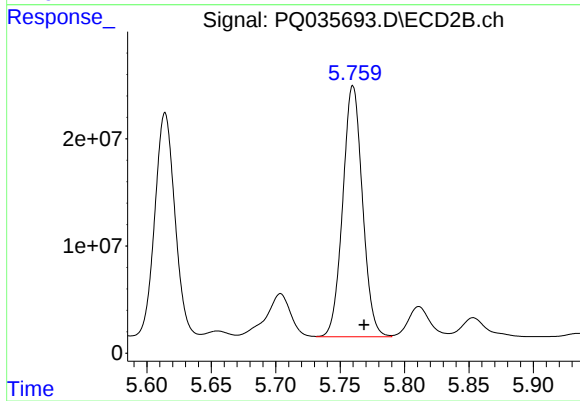
#26 AR-1254-1

R.T.: 5.614 min
Delta R.T.: -0.008 min
Response: 227738673
Conc: 1707.34 ng/ml



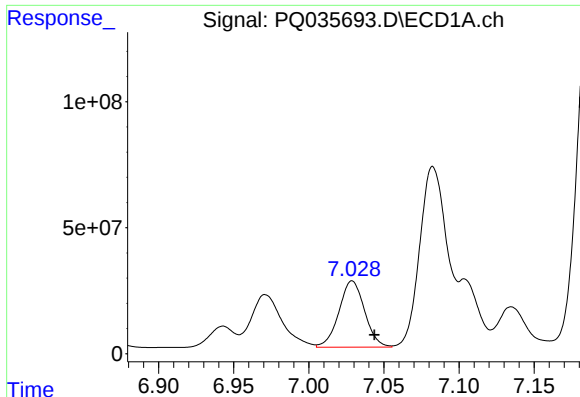
#27 AR-1254-2

R.T.: 6.659 min
Delta R.T.: -0.016 min
Response: 453574903
Conc: 1916.97 ng/ml



#27 AR-1254-2

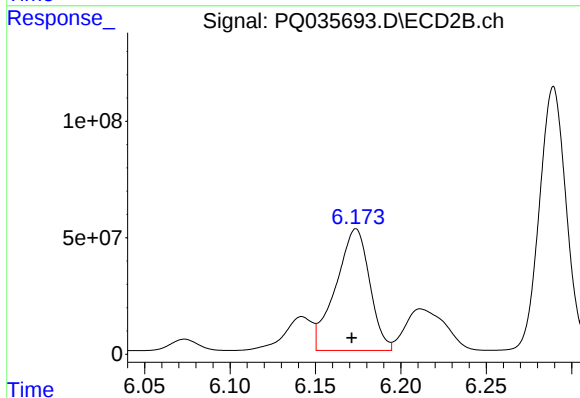
R.T.: 5.760 min
Delta R.T.: -0.009 min
Response: 249579609
Conc: 2159.94 ng/ml



#28 AR-1254-3

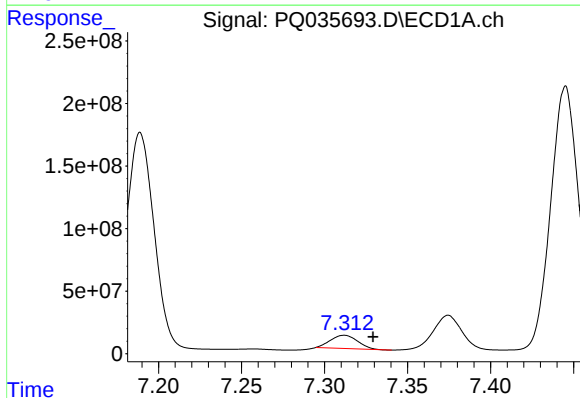
R.T.: 7.029 min
Delta R.T.: -0.015 min
Response: 313314744
Conc: 1220.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



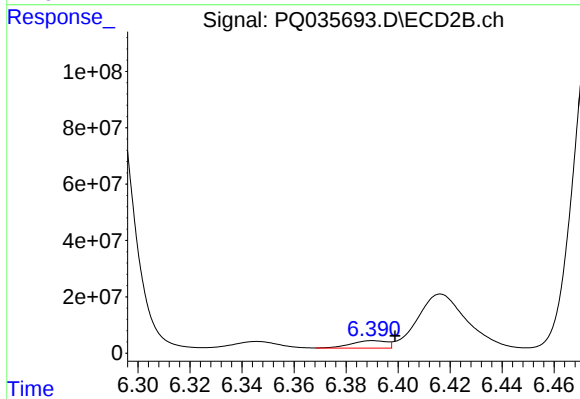
#28 AR-1254-3

R.T.: 6.174 min
Delta R.T.: 0.003 min
Response: 719170987
Conc: 3725.15 ng/ml



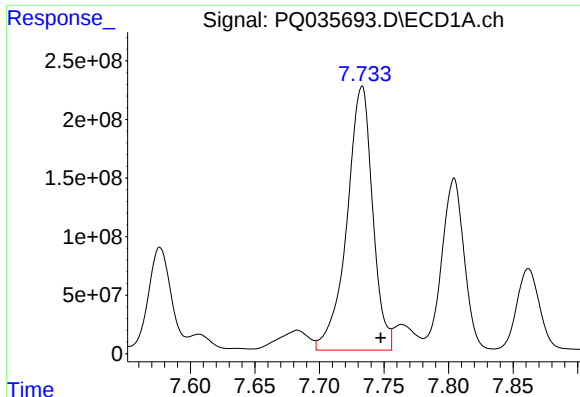
#29 AR-1254-4

R.T.: 7.312 min
Delta R.T.: -0.017 min
Response: 119253322
Conc: 657.72 ng/ml



#29 AR-1254-4

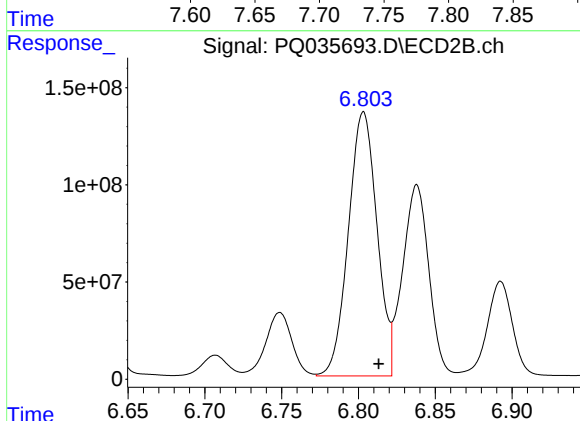
R.T.: 6.390 min
Delta R.T.: -0.009 min
Response: 25450994
Conc: 211.49 ng/ml



#30 AR-1254-5

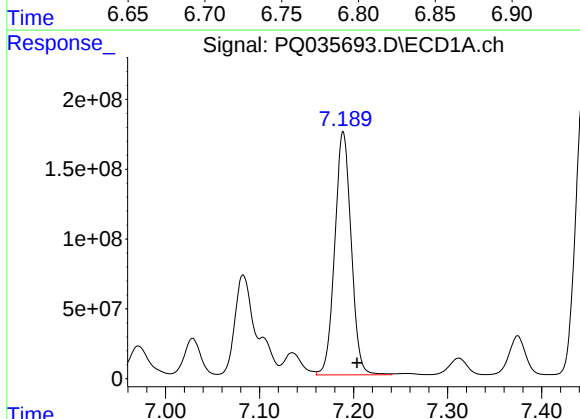
R.T.: 7.733 min
Delta R.T.: -0.014 min
Response: 3127219871
Conc: 15942.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



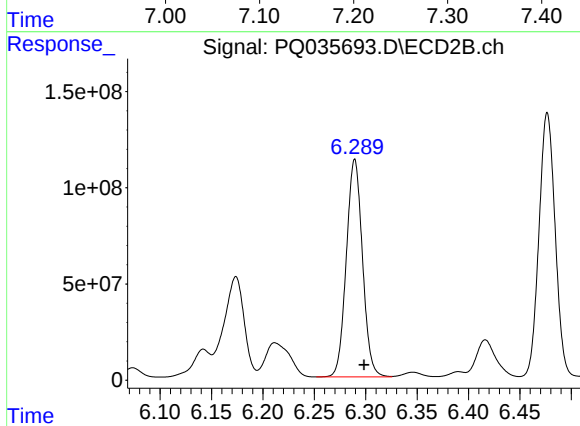
#30 AR-1254-5

R.T.: 6.803 min
Delta R.T.: -0.010 min
Response: 1760032390
Conc: 10806.87 ng/ml



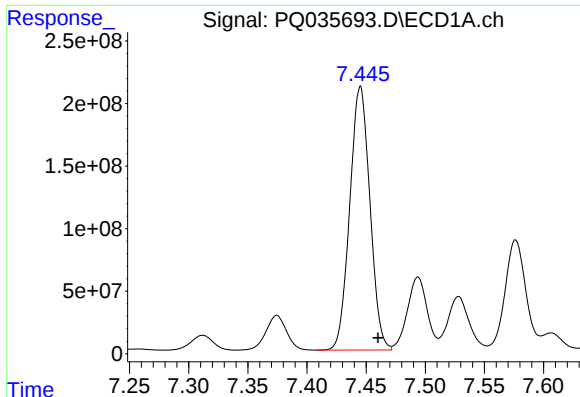
#31 AR-1260-1

R.T.: 7.189 min
Delta R.T.: -0.015 min
Response: 2109096723
Conc: 11437.49 ng/ml



#31 AR-1260-1

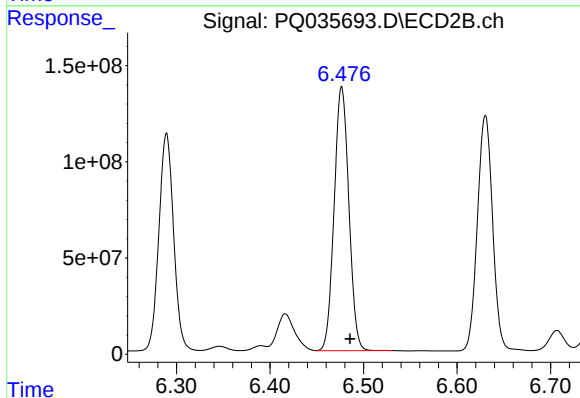
R.T.: 6.289 min
Delta R.T.: -0.009 min
Response: 1237922259
Conc: 9841.39 ng/ml



#32 AR-1260-2

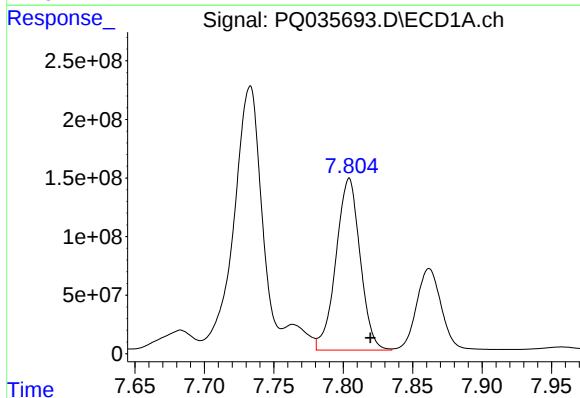
R.T.: 7.445 min
Delta R.T.: -0.015 min
Response: 2501720836
Conc: 11513.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



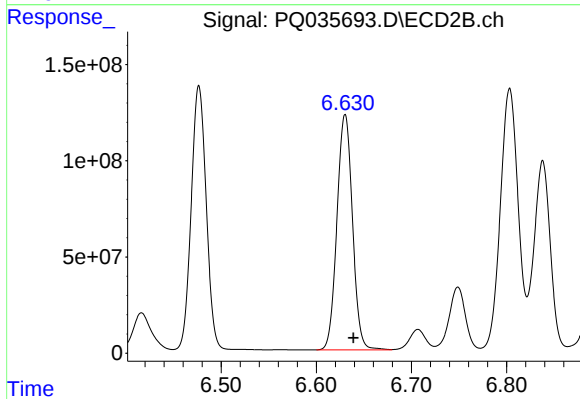
#32 AR-1260-2

R.T.: 6.477 min
Delta R.T.: -0.009 min
Response: 1497309758
Conc: 9915.10 ng/ml



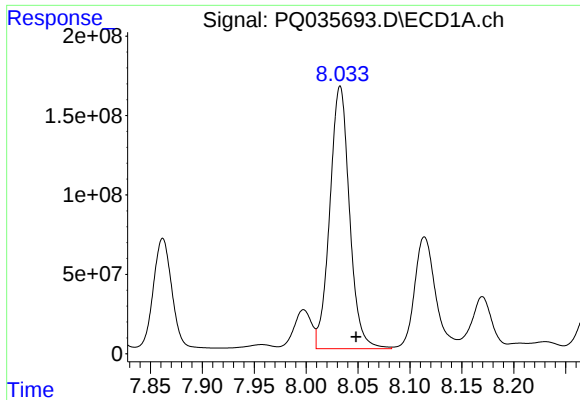
#33 AR-1260-3

R.T.: 7.804 min
Delta R.T.: -0.015 min
Response: 1777034919
Conc: 13265.20 ng/ml



#33 AR-1260-3

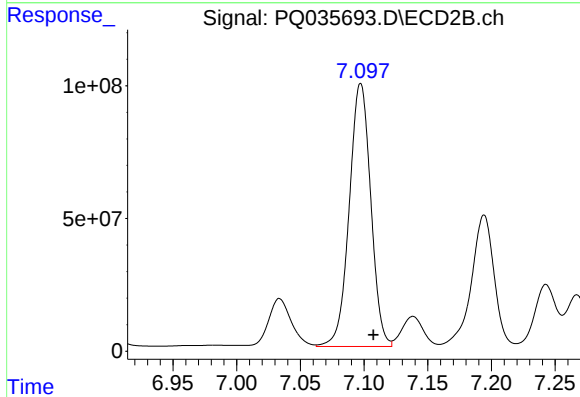
R.T.: 6.630 min
Delta R.T.: -0.009 min
Response: 1386531970
Conc: 9922.62 ng/ml



#34 AR-1260-4

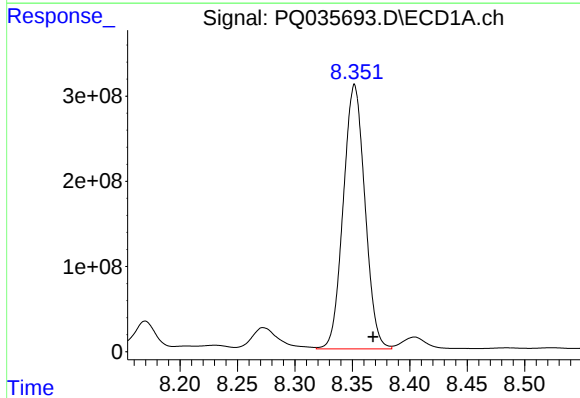
R.T.: 8.033 min
Delta R.T.: -0.015 min
Response: 2185886575
Conc: 13263.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



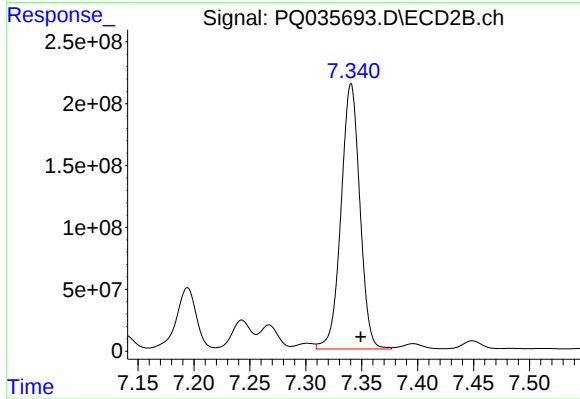
#34 AR-1260-4

R.T.: 7.097 min
Delta R.T.: -0.010 min
Response: 1167501312
Conc: 12573.28 ng/ml



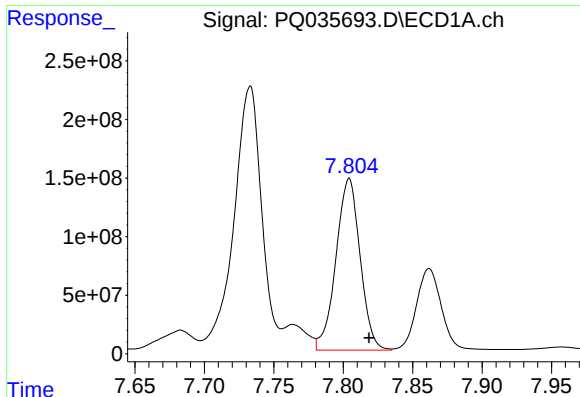
#35 AR-1260-5

R.T.: 8.352 min
Delta R.T.: -0.016 min
Response: 4075298858
Conc: 13667.84 ng/ml



#35 AR-1260-5

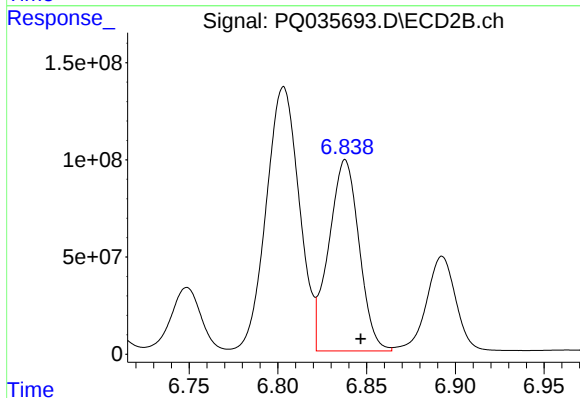
R.T.: 7.340 min
Delta R.T.: -0.009 min
Response: 2515139626
Conc: 11208.41 ng/ml



#36 AR-1262-1

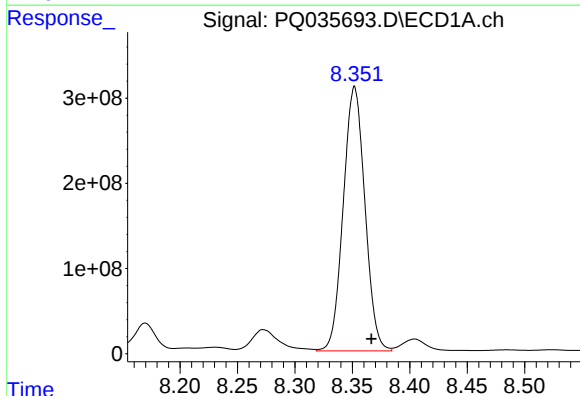
R.T.: 7.804 min
Delta R.T.: -0.014 min
Response: 1777034919
Conc: 8111.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



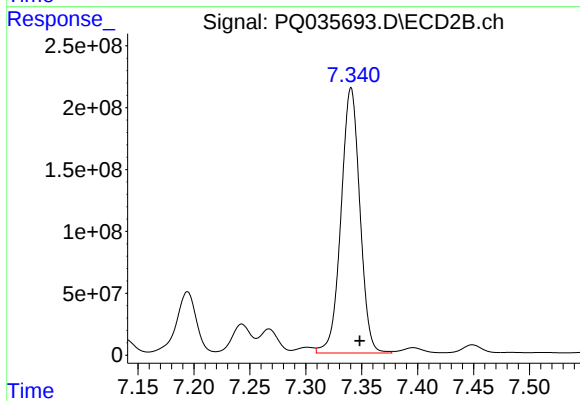
#36 AR-1262-1

R.T.: 6.838 min
Delta R.T.: -0.009 min
Response: 1169175871
Conc: 7618.36 ng/ml



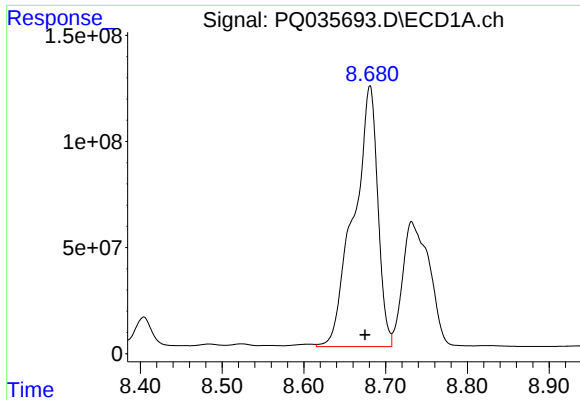
#37 AR-1262-2

R.T.: 8.352 min
Delta R.T.: -0.015 min
Response: 4075298858
Conc: 10817.90 ng/ml



#37 AR-1262-2

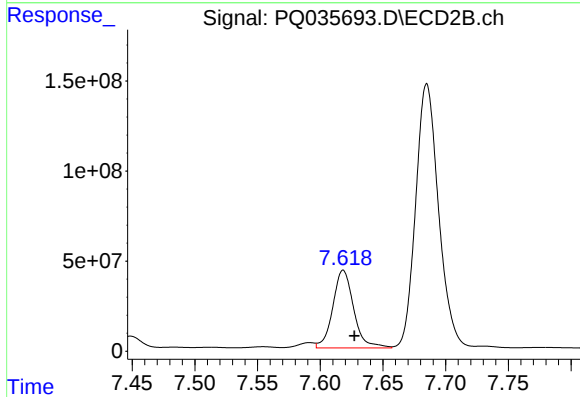
R.T.: 7.340 min
Delta R.T.: -0.008 min
Response: 2515139626
Conc: 9424.89 ng/ml



#38 AR-1262-3

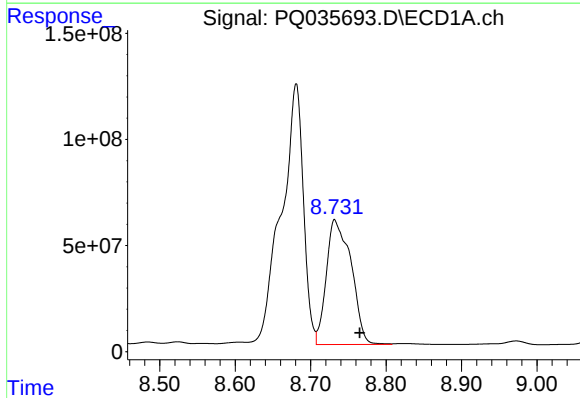
R.T.: 8.681 min
Delta R.T.: 0.006 min
Response: 2509441779
Conc: 10439.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



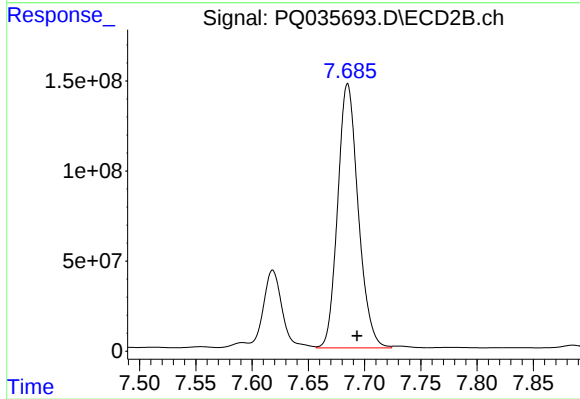
#38 AR-1262-3

R.T.: 7.618 min
Delta R.T.: -0.009 min
Response: 501843150
Conc: 4835.51 ng/ml



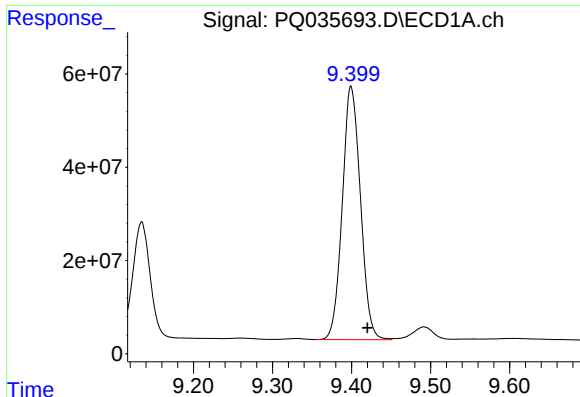
#39 AR-1262-4

R.T.: 8.732 min
Delta R.T.: -0.033 min
Response: 1341725157
Conc: 7426.47 ng/ml



#39 AR-1262-4

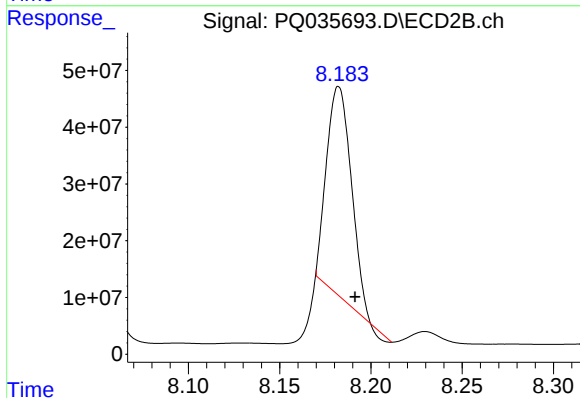
R.T.: 7.685 min
Delta R.T.: -0.008 min
Response: 1864669609
Conc: 10066.02 ng/ml



#40 AR-1262-5

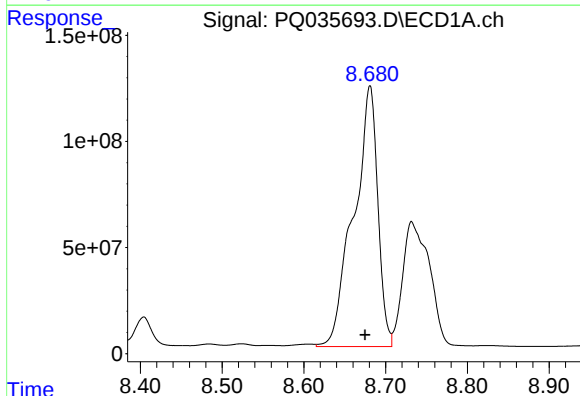
R.T.: 9.399 min
Delta R.T.: -0.021 min
Response: 867912634
Conc: 7621.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



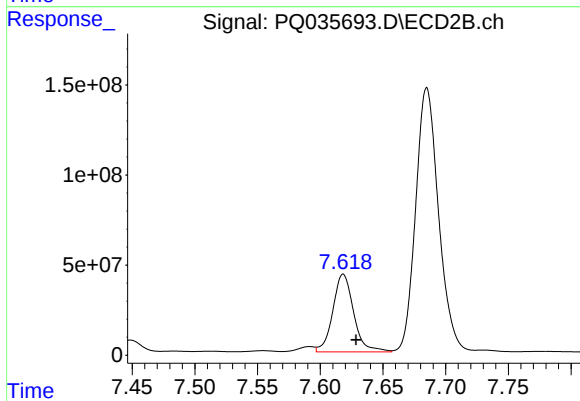
#40 AR-1262-5

R.T.: 8.182 min
Delta R.T.: -0.009 min
Response: 344676149
Conc: 4643.52 ng/ml



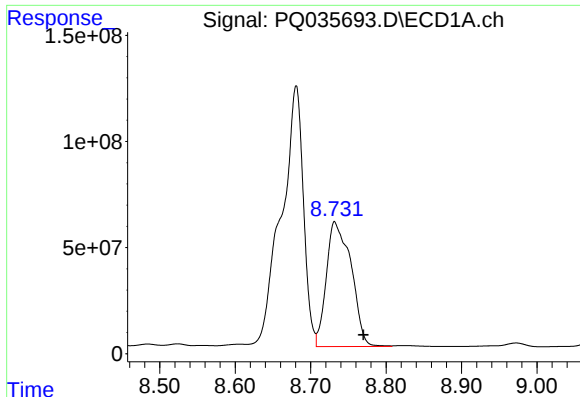
#41 AR-1268-1

R.T.: 8.681 min
Delta R.T.: 0.006 min
Response: 2509441779
Conc: 5201.02 ng/ml



#41 AR-1268-1

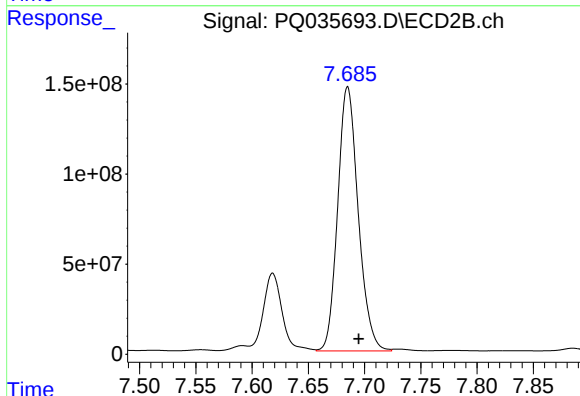
R.T.: 7.618 min
Delta R.T.: -0.010 min
Response: 501843150
Conc: 1504.95 ng/ml



#42 AR-1268-2

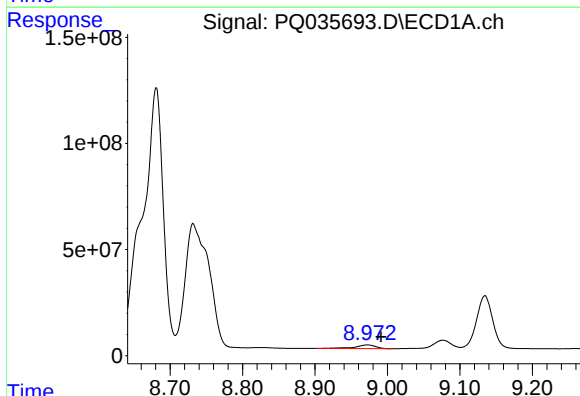
R.T.: 8.732 min
Delta R.T.: -0.038 min
Response: 1341725157
Conc: 3109.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



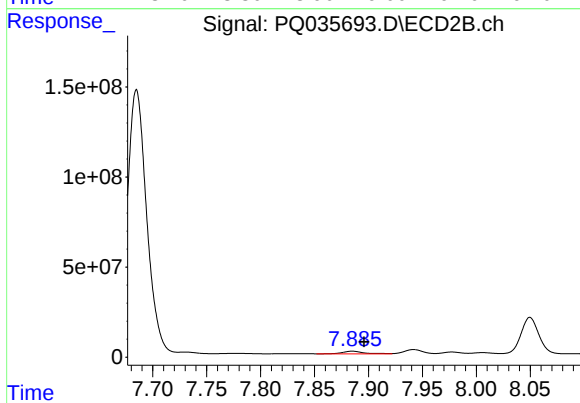
#42 AR-1268-2

R.T.: 7.685 min
Delta R.T.: -0.010 min
Response: 1864669609
Conc: 6291.99 ng/ml



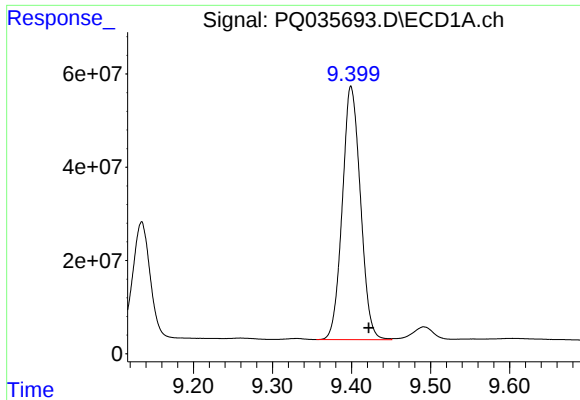
#43 AR-1268-3

R.T.: 8.972 min
Delta R.T.: -0.018 min
Response: 35572390
Conc: 94.13 ng/ml



#43 AR-1268-3

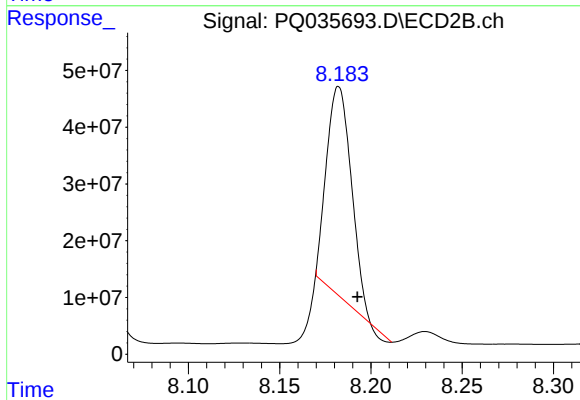
R.T.: 7.885 min
Delta R.T.: -0.011 min
Response: 21499497
Conc: 87.96 ng/ml



#44 AR-1268-4

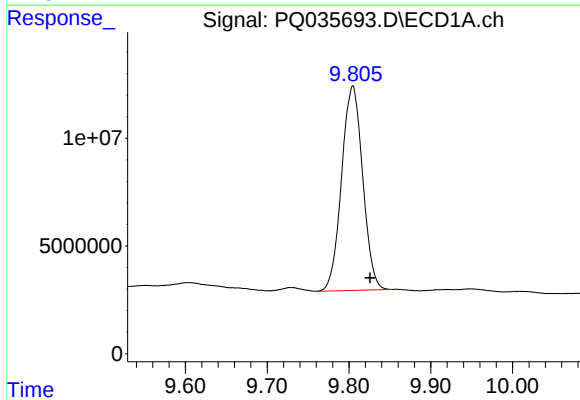
R.T.: 9.399 min
Delta R.T.: -0.022 min
Response: 867912634
Conc: 6330.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



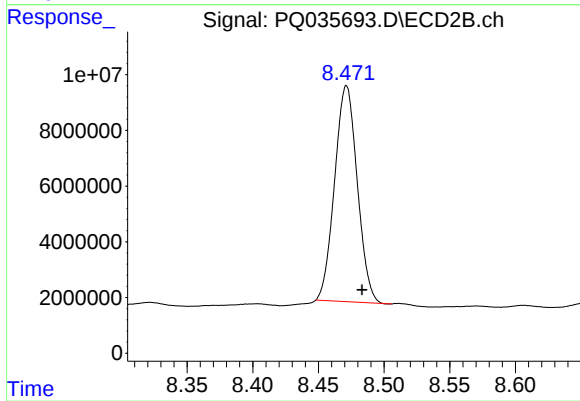
#44 AR-1268-4

R.T.: 8.182 min
Delta R.T.: -0.010 min
Response: 344676149
Conc: 3694.75 ng/ml



#45 AR-1268-5

R.T.: 9.805 min
Delta R.T.: -0.021 min
Response: 170088027
Conc: 146.92 ng/ml



#45 AR-1268-5

R.T.: 8.471 min
Delta R.T.: -0.012 min
Response: 93049909
Conc: 127.39 ng/ml