

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081419\
 Data File : PQ042470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2019 18:34
 Operator : SM\AJ
 Sample : K4242-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 08:58:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.672	4.734	47142440	45327714	20.556	23.520
2)	SA Decachlor...	12.054	10.480	234.7E6	253.2E6	27.842	52.334 #
Target Compounds							
3)	L1 AR-1016-1	7.119	6.186	30745825	21703513	284.462	209.152 #
4)	L1 AR-1016-2	7.145	6.208	85342103	60011858	545.221	418.875
5)	L1 AR-1016-3	7.219	6.423	23277902	34883403	240.653	467.781 #
6)	L1 AR-1016-4	7.325	6.524	54314511	75355956	696.213	1215.217 #
7)	L1 AR-1016-5	7.661	6.774	112.2E6	42791245	1427.763	525.669 #
10)	L2 AR-1221-3	0.000	5.261	0	1537166	N.D.	28.188 #
11)	L3 AR-1232-1	0.000	5.261	0	1537166	N.D.	31.833 #
12)	L3 AR-1232-2	6.802	6.246	43319013	14460876	1318.422	253.576 #
13)	L3 AR-1232-3	7.145	6.423	85342103	34883403	1278.276	1169.818
14)	L3 AR-1232-4	7.325	6.561	54314511	35894666	1693.274	1344.536
15)	L3 AR-1232-5	7.483	6.774	67337769	42791245	3133.407	1459.150 #
16)	L4 AR-1242-1	7.119	6.186	30745825	21703513	343.724	265.195
17)	L4 AR-1242-2	7.145	6.246	85342103	14460876	663.669	128.043 #
18)	L4 AR-1242-3	7.219	6.423	23277902	34883403	287.075	590.517 #
19)	L4 AR-1242-4	7.325	6.561	54314511	35894666	844.867	605.334 #
20)	L4 AR-1242-5	8.150	7.183	105.7E6	86259755	1191.872	971.457
21)	L5 AR-1248-1	7.119	6.186	30745825	21703513	414.721	327.334
22)	L5 AR-1248-2	7.483	6.524	67337769	75355956	729.844	864.296
23)	L5 AR-1248-3	7.707	6.524	47168342	75355956	420.991	844.270 #
24)	L5 AR-1248-4	8.109	6.774	67994311	42791245	434.862	388.512
25)	L5 AR-1248-5	8.150	7.183	105.7E6	86259755	698.834	672.986
26)	L6 AR-1254-1	8.078	7.183	97223009	86259755	698.869	471.662 #
27)	L6 AR-1254-2	8.319	7.305	148.6E6	71942398	649.325	444.442 #
28)	L6 AR-1254-3	8.710	7.752	139.9E6	154.8E6	511.661	536.637
29)	L6 AR-1254-4	9.013	8.001	87622725	78681299	355.937	362.465
30)	L6 AR-1254-5	9.451	8.484	149.0E6	44573803	550.293	148.200 #
31)	L7 AR-1260-1	8.883	7.893	60668400	90301224	341.053	497.720 #
32)	L7 AR-1260-2	9.151	8.136	137.0E6	1265201	542.860	5.157 #
33)	L7 AR-1260-3	9.588	8.260	21005659	80352229	91.674	377.635 #
34)	L7 AR-1260-4	9.764	8.758	100.7E6	33375774	394.475	164.990 #
35)	L7 AR-1260-5	10.116	9.044	122.7E6	3896538	182.166	6.602 #
36)	L8 AR-1262-1	9.588	8.543	21005659	20201253	136.671	140.810
37)	L8 AR-1262-2	10.116	9.044	122.7E6	3896538	140.168	5.258 #
38)	L8 AR-1262-3	10.469	9.303	93165757	20994595	146.716	66.361 #
39)	L8 AR-1262-4	10.547	9.369	22589896	110.1E6	45.116	195.792 #
40)	L8 AR-1262-5	11.253	9.896	36451148	49588886	89.536	173.627 #
41)	L9 AR-1268-1	10.469	9.303	93165757	20994595	65.400	18.365 #
42)	L9 AR-1268-2	10.547	9.369	22589896	110.1E6	17.127	107.258 #
43)	L9 AR-1268-3	10.794	9.632	5262469	1958576	4.497	2.254 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081419\
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 Acq On : 14 Aug 2019 18:34
 Operator : SM\AJ
 Sample : K4242-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

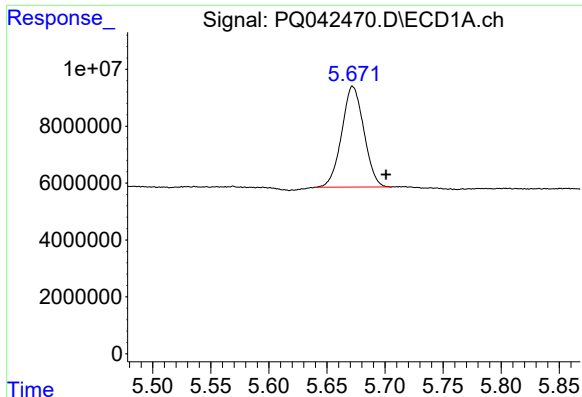
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 08:58:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
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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
44) L9	AR-1268-4	11.253	9.896	36451148	49588886	66.954	128.913 #
45) L9	AR-1268-5	11.695	0.000	21012019	0	5.184	N.D. #

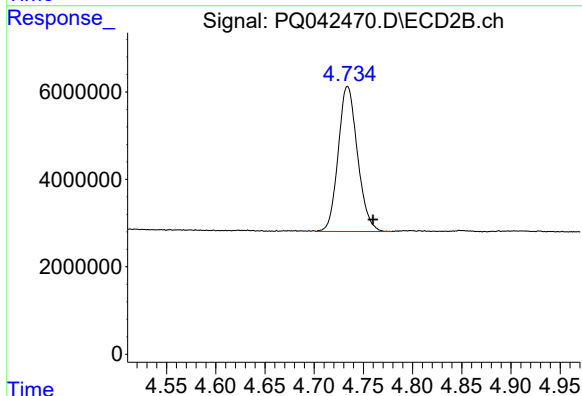
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

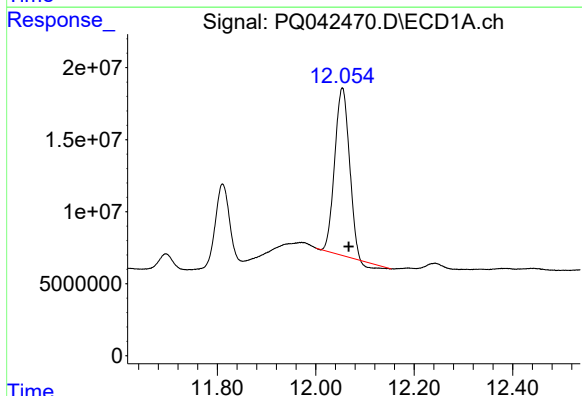
R.T.: 5.672 min
Delta R.T.: -0.029 min
Response: 47142440
Conc: 20.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



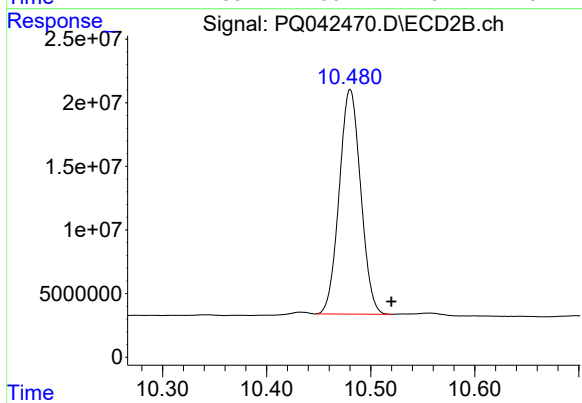
#1 Tetrachloro-m-xylene

R.T.: 4.734 min
Delta R.T.: -0.026 min
Response: 45327714
Conc: 23.52 ng/ml



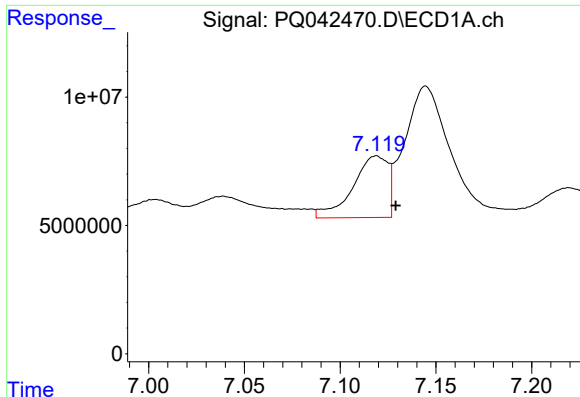
#2 Decachlorobiphenyl

R.T.: 12.054 min
Delta R.T.: -0.013 min
Response: 234740317
Conc: 27.84 ng/ml



#2 Decachlorobiphenyl

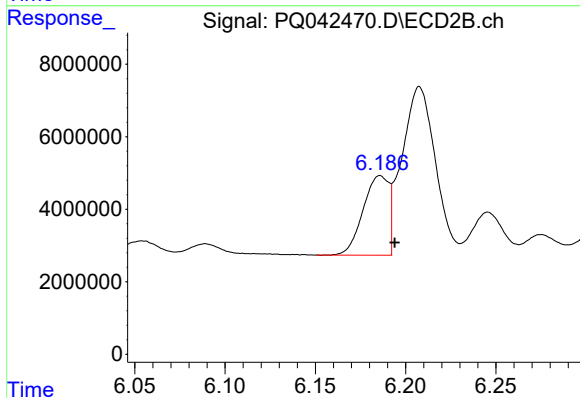
R.T.: 10.480 min
Delta R.T.: -0.039 min
Response: 253158308
Conc: 52.33 ng/ml



#3 AR-1016-1

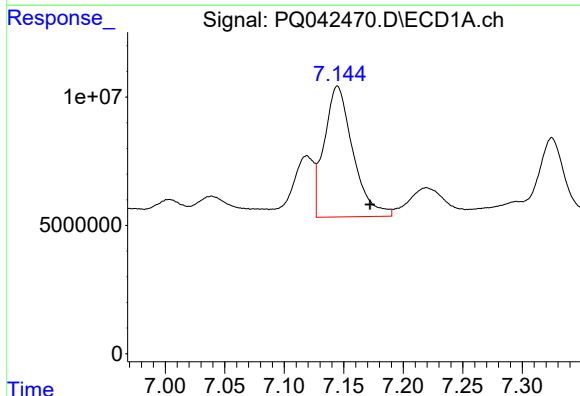
R.T.: 7.119 min
Delta R.T.: -0.010 min
Response: 30745825
Conc: 284.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



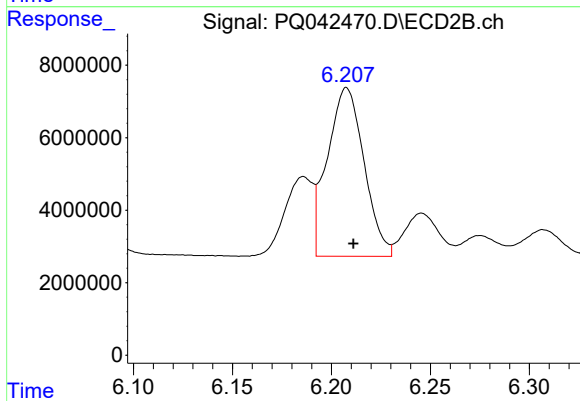
#3 AR-1016-1

R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 21703513
Conc: 209.15 ng/ml



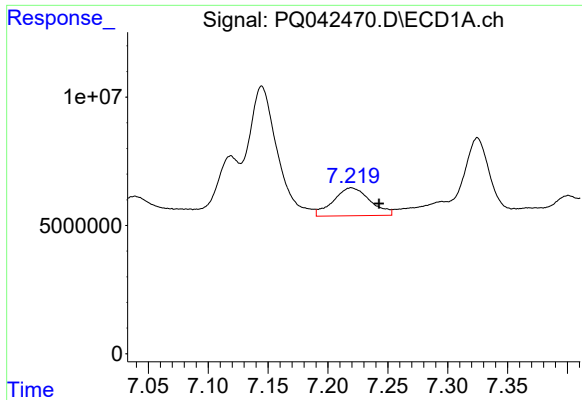
#4 AR-1016-2

R.T.: 7.145 min
Delta R.T.: -0.027 min
Response: 85342103
Conc: 545.22 ng/ml



#4 AR-1016-2

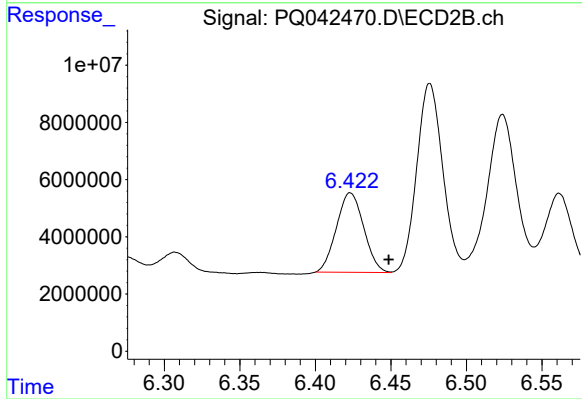
R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 60011858
Conc: 418.87 ng/ml



#5 AR-1016-3

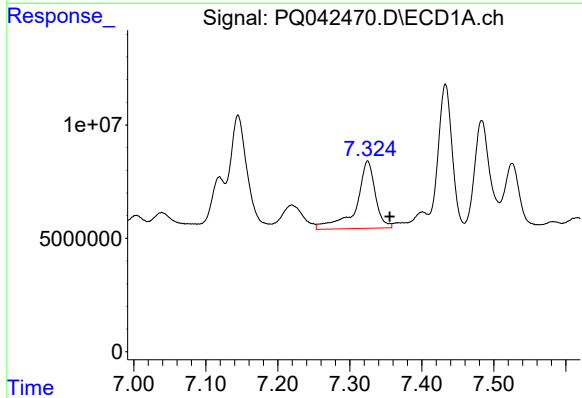
R.T.: 7.219 min
Delta R.T.: -0.023 min
Response: 23277902
Conc: 240.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



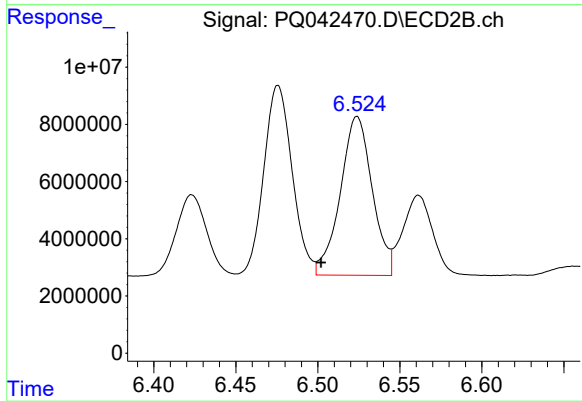
#5 AR-1016-3

R.T.: 6.423 min
Delta R.T.: -0.025 min
Response: 34883403
Conc: 467.78 ng/ml



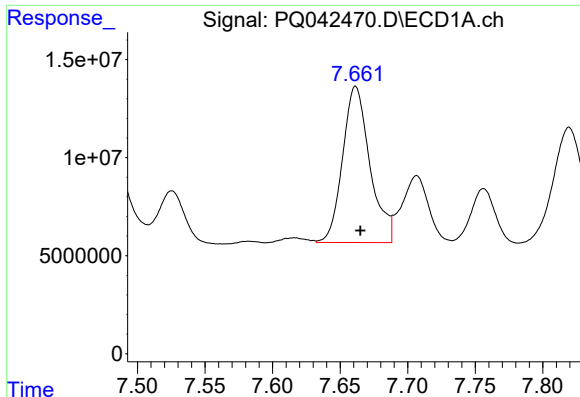
#6 AR-1016-4

R.T.: 7.325 min
Delta R.T.: -0.031 min
Response: 54314511
Conc: 696.21 ng/ml



#6 AR-1016-4

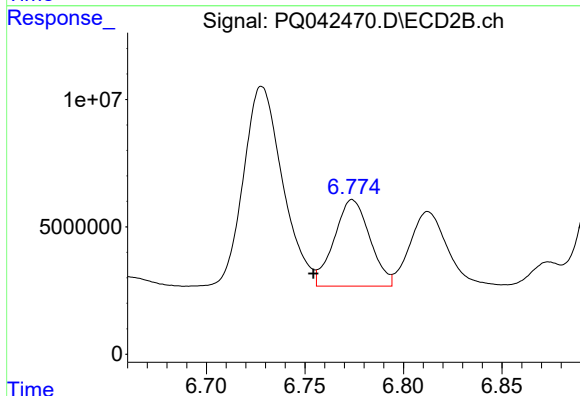
R.T.: 6.524 min
Delta R.T.: 0.022 min
Response: 75355956
Conc: 1215.22 ng/ml



#7 AR-1016-5

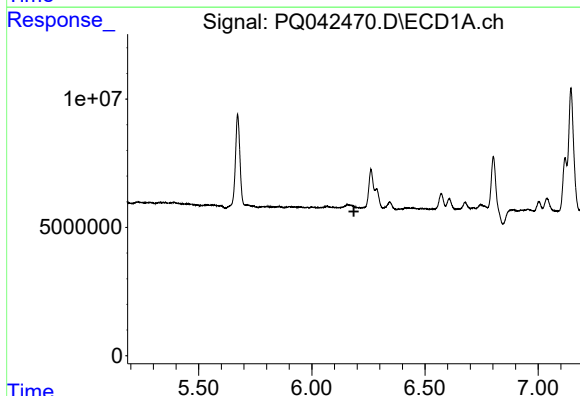
R.T.: 7.661 min
Delta R.T.: -0.004 min
Response: 112236734
Conc: 1427.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



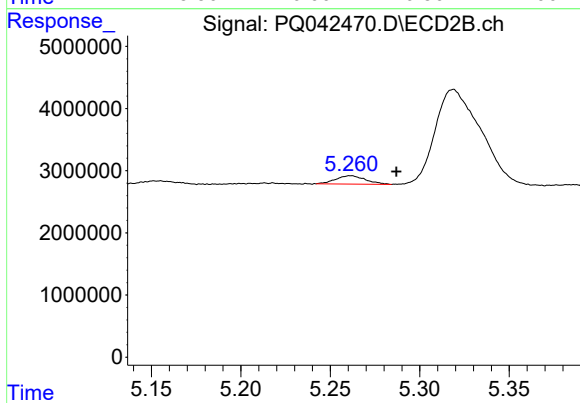
#7 AR-1016-5

R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 42791245
Conc: 525.67 ng/ml



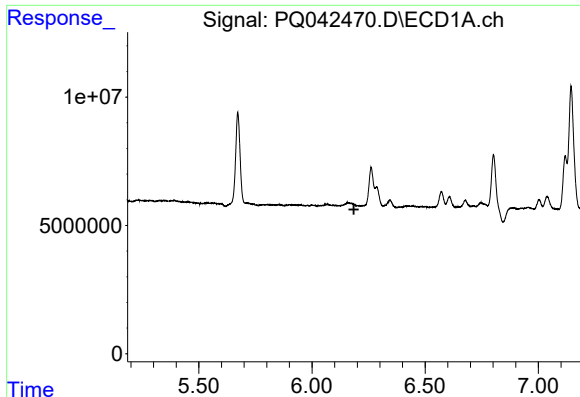
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

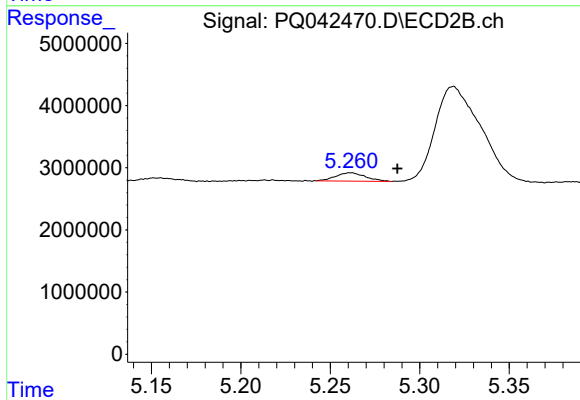
R.T.: 5.261 min
Delta R.T.: -0.026 min
Response: 1537166
Conc: 28.19 ng/ml



#11 AR-1232-1

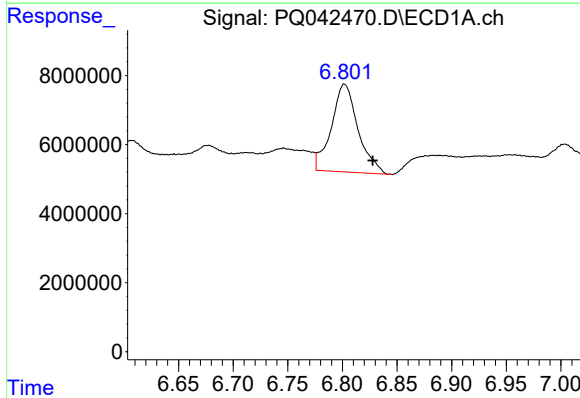
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



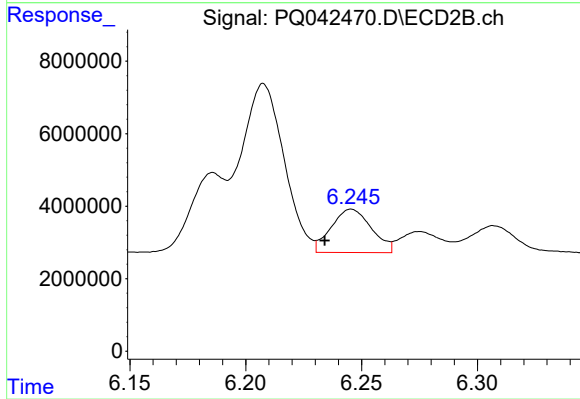
#11 AR-1232-1

R.T.: 5.261 min
Delta R.T.: -0.027 min
Response: 1537166
Conc: 31.83 ng/ml



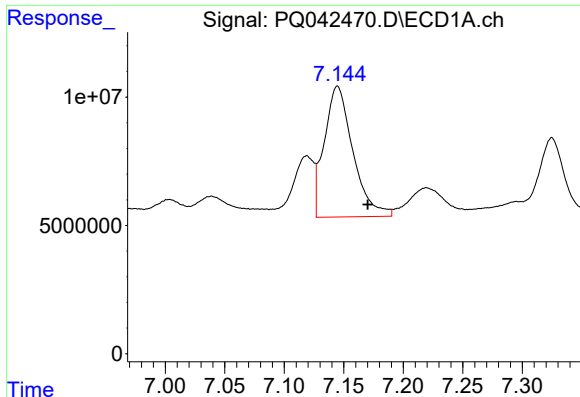
#12 AR-1232-2

R.T.: 6.802 min
Delta R.T.: -0.026 min
Response: 43319013
Conc: 1318.42 ng/ml



#12 AR-1232-2

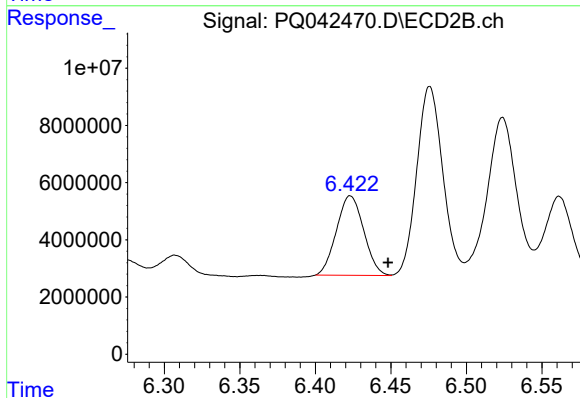
R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 14460876
Conc: 253.58 ng/ml



#13 AR-1232-3

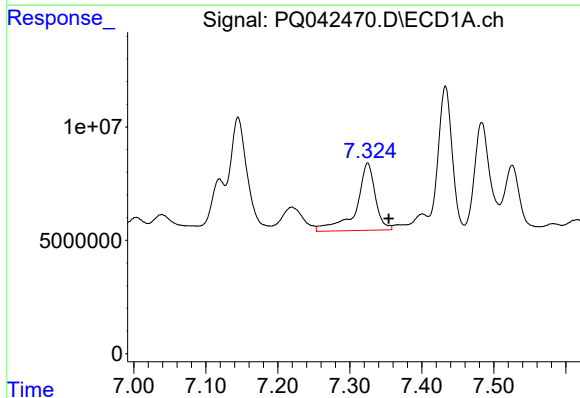
R.T.: 7.145 min
Delta R.T.: -0.026 min
Response: 85342103
Conc: 1278.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



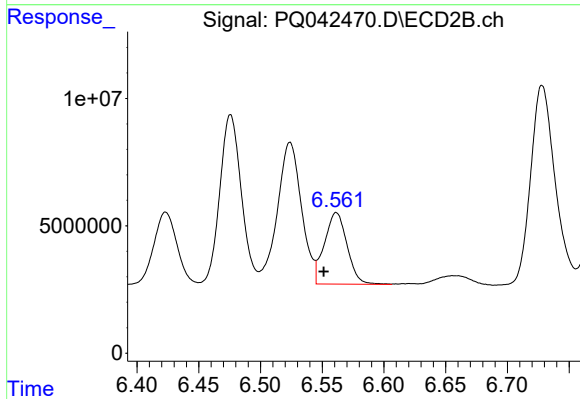
#13 AR-1232-3

R.T.: 6.423 min
Delta R.T.: -0.025 min
Response: 34883403
Conc: 1169.82 ng/ml



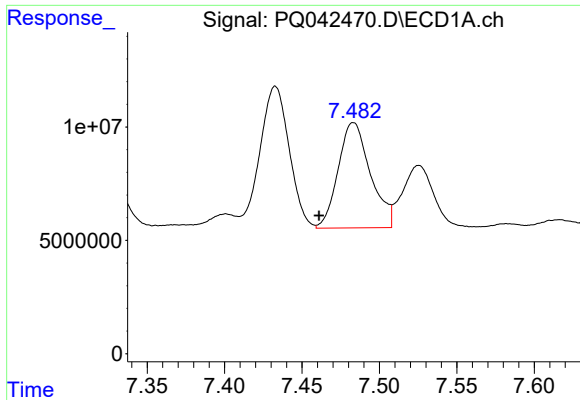
#14 AR-1232-4

R.T.: 7.325 min
Delta R.T.: -0.029 min
Response: 54314511
Conc: 1693.27 ng/ml



#14 AR-1232-4

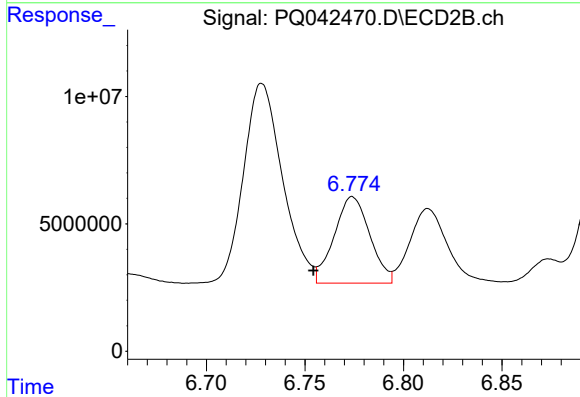
R.T.: 6.561 min
Delta R.T.: 0.010 min
Response: 35894666
Conc: 1344.54 ng/ml



#15 AR-1232-5

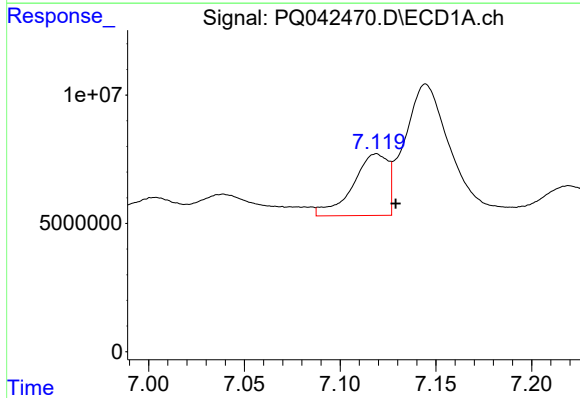
R.T.: 7.483 min
Delta R.T.: 0.022 min
Response: 67337769
Conc: 3133.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



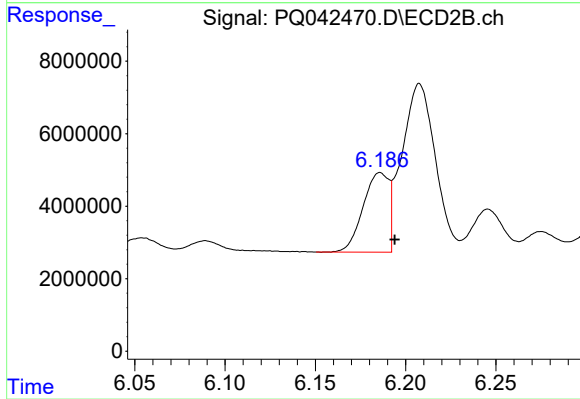
#15 AR-1232-5

R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 42791245
Conc: 1459.15 ng/ml



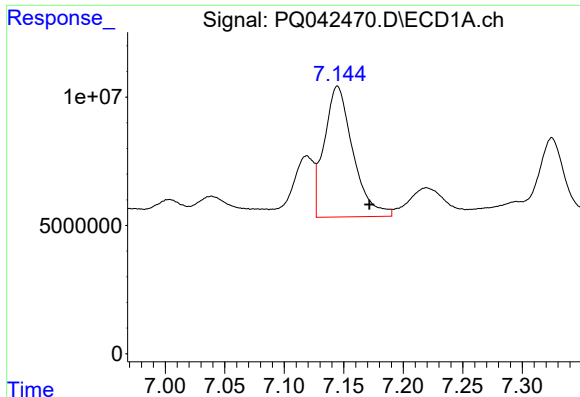
#16 AR-1242-1

R.T.: 7.119 min
Delta R.T.: -0.010 min
Response: 30745825
Conc: 343.72 ng/ml



#16 AR-1242-1

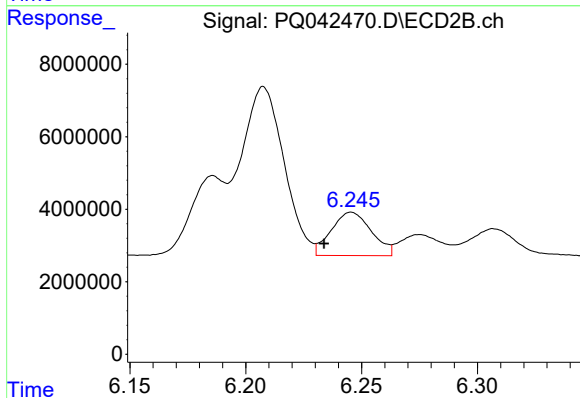
R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 21703513
Conc: 265.20 ng/ml



#17 AR-1242-2

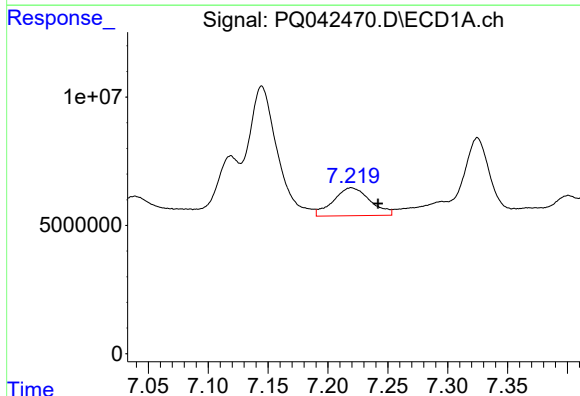
R.T.: 7.145 min
Delta R.T.: -0.027 min
Response: 85342103
Conc: 663.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



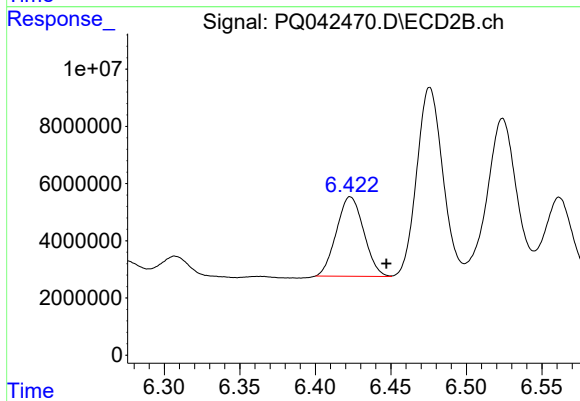
#17 AR-1242-2

R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 14460876
Conc: 128.04 ng/ml



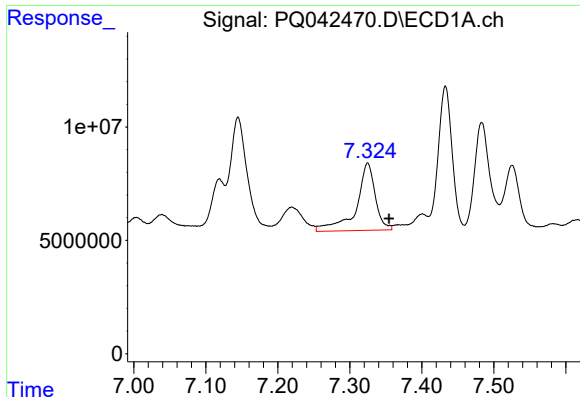
#18 AR-1242-3

R.T.: 7.219 min
Delta R.T.: -0.023 min
Response: 23277902
Conc: 287.08 ng/ml



#18 AR-1242-3

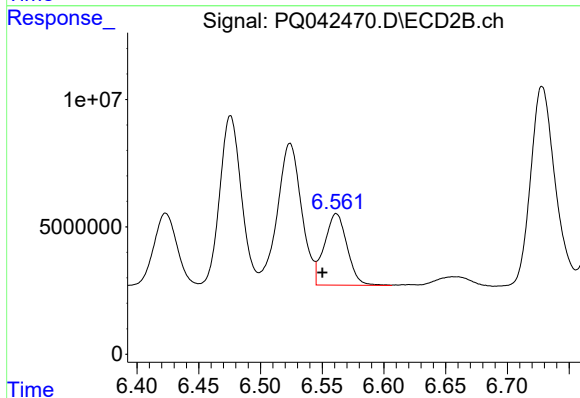
R.T.: 6.423 min
Delta R.T.: -0.024 min
Response: 34883403
Conc: 590.52 ng/ml



#19 AR-1242-4

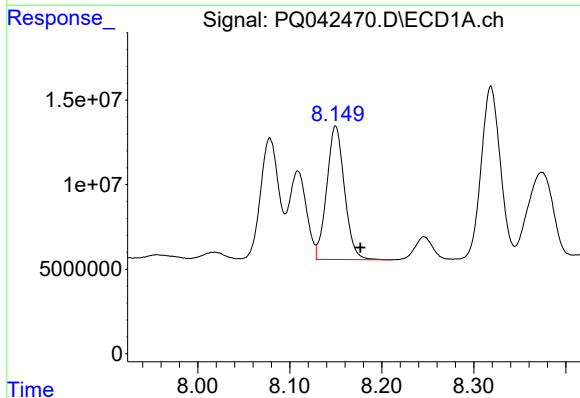
R.T.: 7.325 min
Delta R.T.: -0.030 min
Response: 54314511
Conc: 844.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



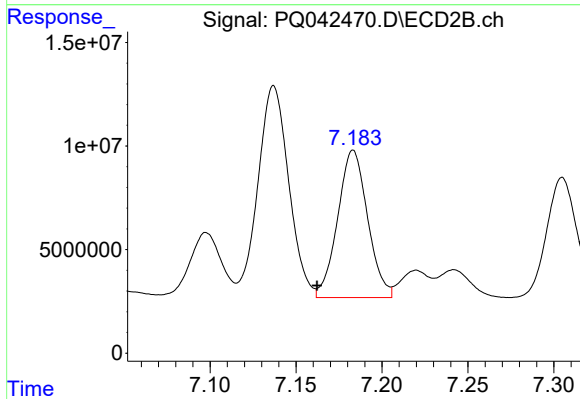
#19 AR-1242-4

R.T.: 6.561 min
Delta R.T.: 0.011 min
Response: 35894666
Conc: 605.33 ng/ml



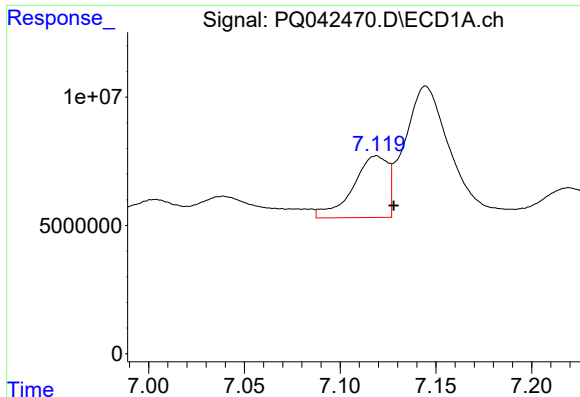
#20 AR-1242-5

R.T.: 8.150 min
Delta R.T.: -0.027 min
Response: 105749857
Conc: 1191.87 ng/ml



#20 AR-1242-5

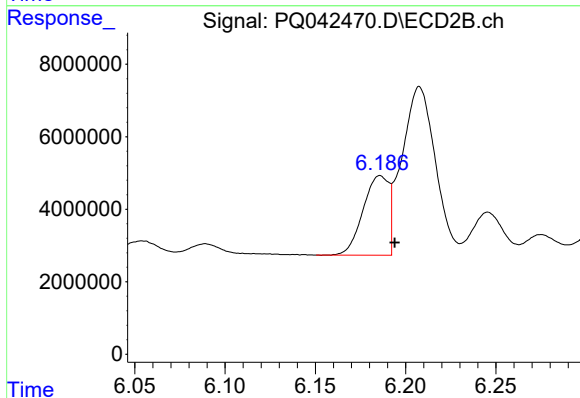
R.T.: 7.183 min
Delta R.T.: 0.021 min
Response: 86259755
Conc: 971.46 ng/ml



#21 AR-1248-1

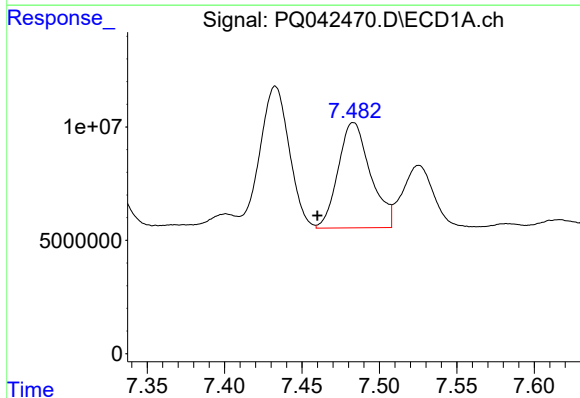
R.T.: 7.119 min
Delta R.T.: -0.009 min
Response: 30745825
Conc: 414.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



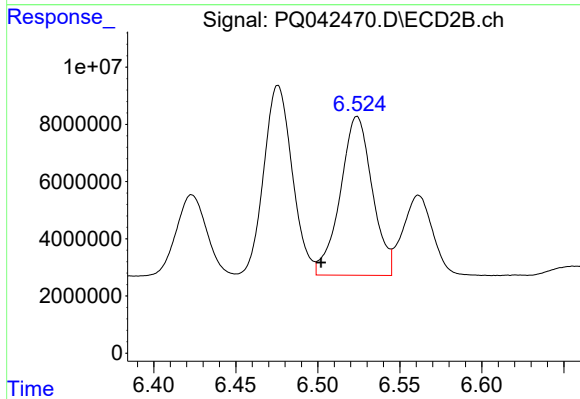
#21 AR-1248-1

R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 21703513
Conc: 327.33 ng/ml



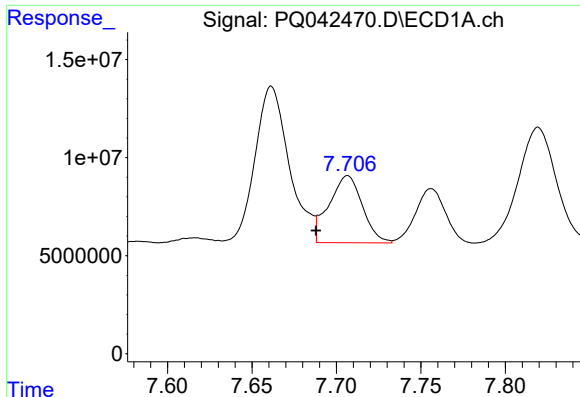
#22 AR-1248-2

R.T.: 7.483 min
Delta R.T.: 0.023 min
Response: 67337769
Conc: 729.84 ng/ml



#22 AR-1248-2

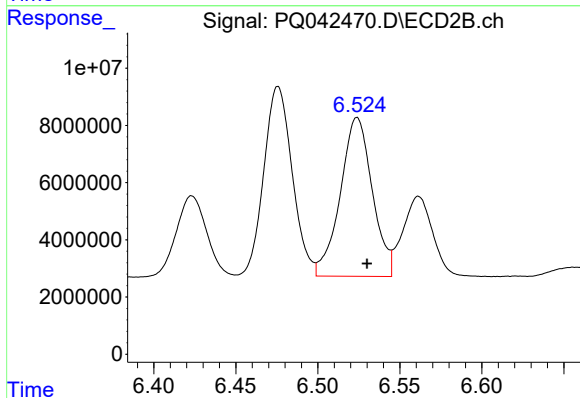
R.T.: 6.524 min
Delta R.T.: 0.022 min
Response: 75355956
Conc: 864.30 ng/ml



#23 AR-1248-3

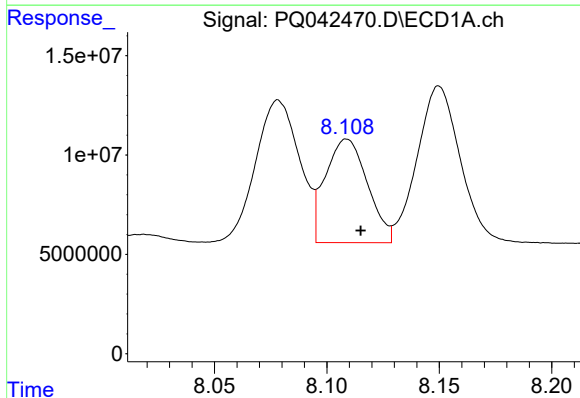
R.T.: 7.707 min
Delta R.T.: 0.019 min
Response: 47168342
Conc: 420.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



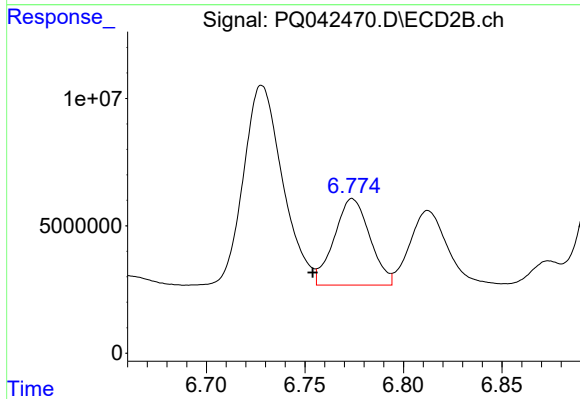
#23 AR-1248-3

R.T.: 6.524 min
Delta R.T.: -0.006 min
Response: 75355956
Conc: 844.27 ng/ml



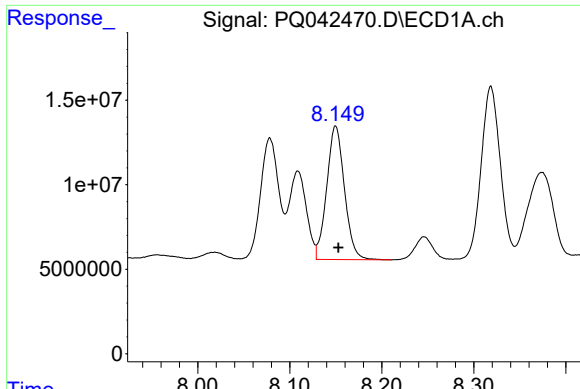
#24 AR-1248-4

R.T.: 8.109 min
Delta R.T.: -0.006 min
Response: 67994311
Conc: 434.86 ng/ml



#24 AR-1248-4

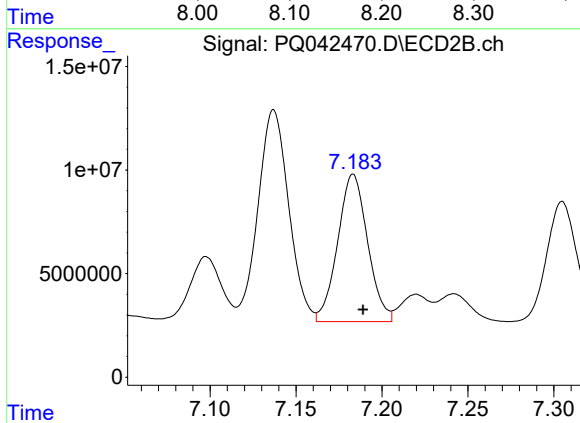
R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 42791245
Conc: 388.51 ng/ml



#25 AR-1248-5

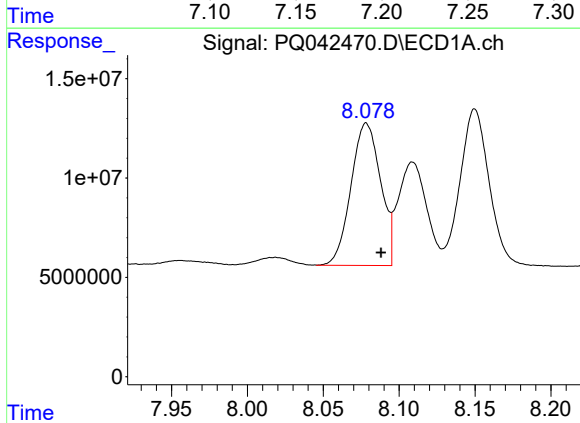
R.T.: 8.150 min
Delta R.T.: -0.003 min
Response: 105749857
Conc: 698.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



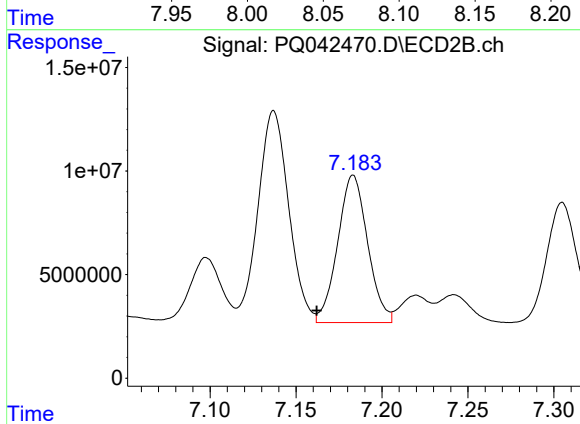
#25 AR-1248-5

R.T.: 7.183 min
Delta R.T.: -0.006 min
Response: 86259755
Conc: 672.99 ng/ml



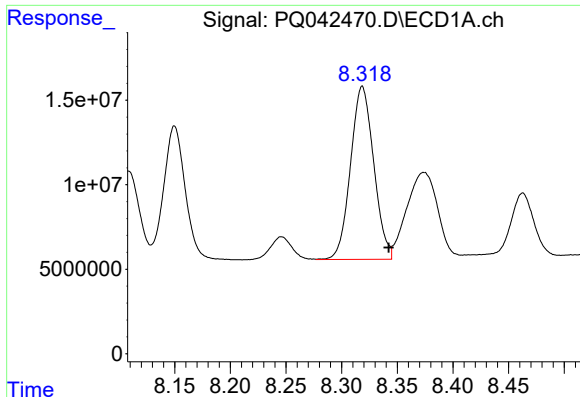
#26 AR-1254-1

R.T.: 8.078 min
Delta R.T.: -0.010 min
Response: 97223009
Conc: 698.87 ng/ml



#26 AR-1254-1

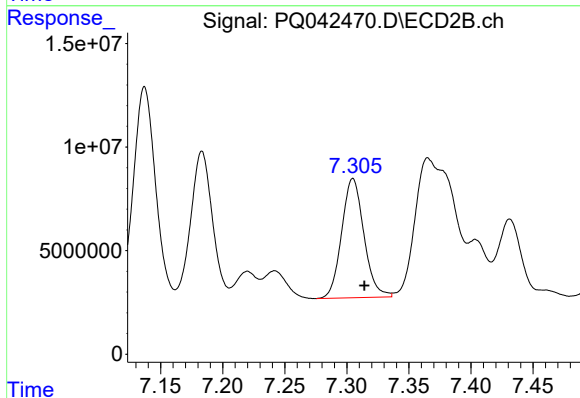
R.T.: 7.183 min
Delta R.T.: 0.021 min
Response: 86259755
Conc: 471.66 ng/ml



#27 AR-1254-2

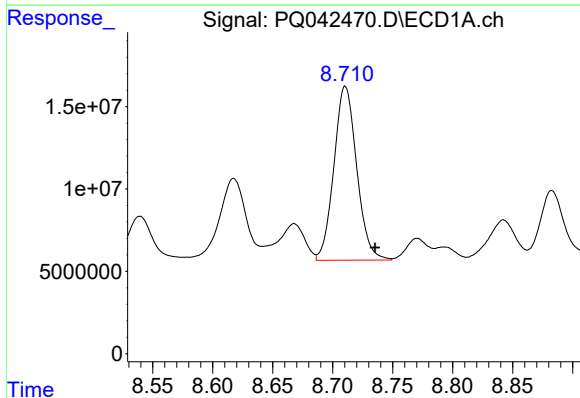
R.T.: 8.319 min
Delta R.T.: -0.024 min
Response: 148619454
Conc: 649.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



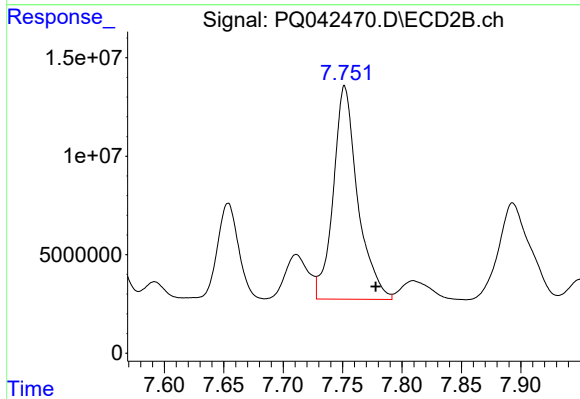
#27 AR-1254-2

R.T.: 7.305 min
Delta R.T.: -0.009 min
Response: 71942398
Conc: 444.44 ng/ml



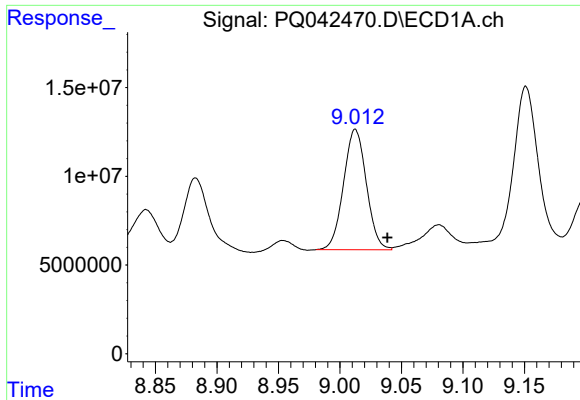
#28 AR-1254-3

R.T.: 8.710 min
Delta R.T.: -0.025 min
Response: 139901824
Conc: 511.66 ng/ml



#28 AR-1254-3

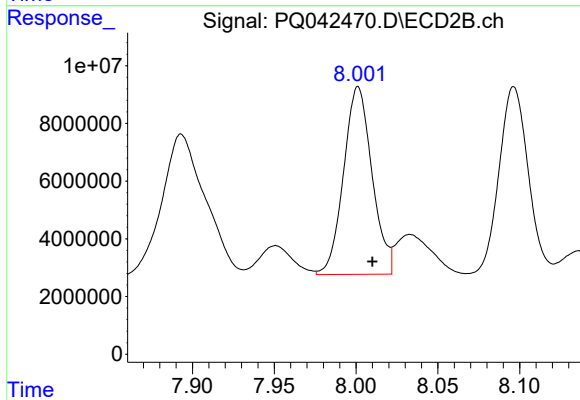
R.T.: 7.752 min
Delta R.T.: -0.026 min
Response: 154769898
Conc: 536.64 ng/ml



#29 AR-1254-4

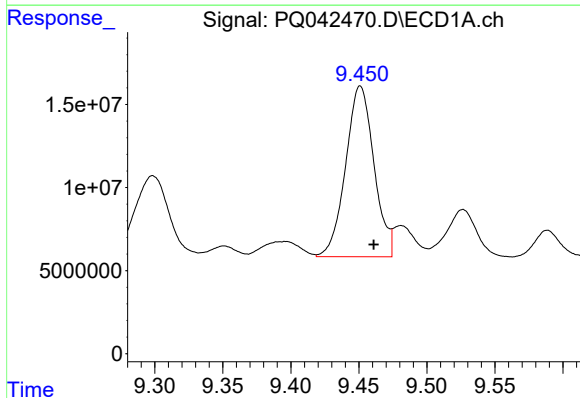
R.T.: 9.013 min
Delta R.T.: -0.026 min
Response: 87622725
Conc: 355.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



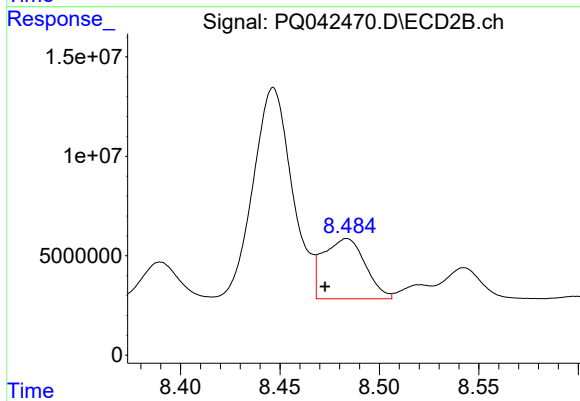
#29 AR-1254-4

R.T.: 8.001 min
Delta R.T.: -0.009 min
Response: 78681299
Conc: 362.47 ng/ml



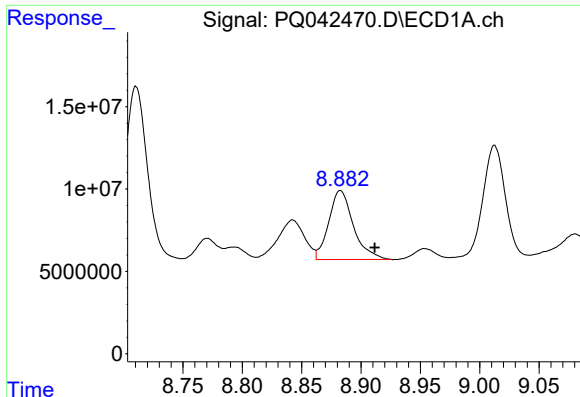
#30 AR-1254-5

R.T.: 9.451 min
Delta R.T.: -0.010 min
Response: 149044229
Conc: 550.29 ng/ml



#30 AR-1254-5

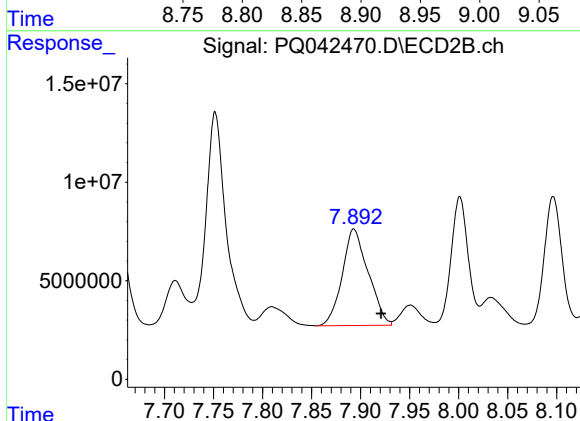
R.T.: 8.484 min
Delta R.T.: 0.011 min
Response: 44573803
Conc: 148.20 ng/ml



#31 AR-1260-1

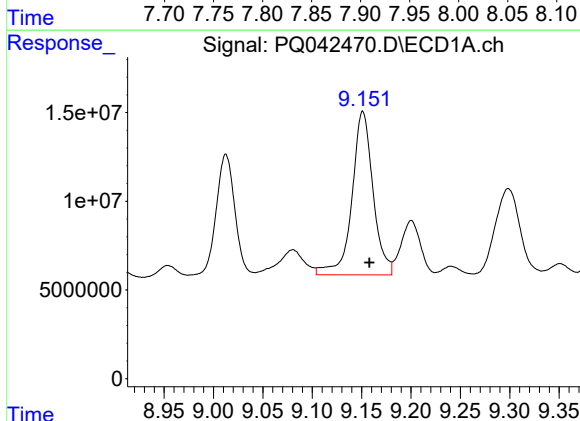
R.T.: 8.883 min
Delta R.T.: -0.029 min
Response: 60668400
Conc: 341.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



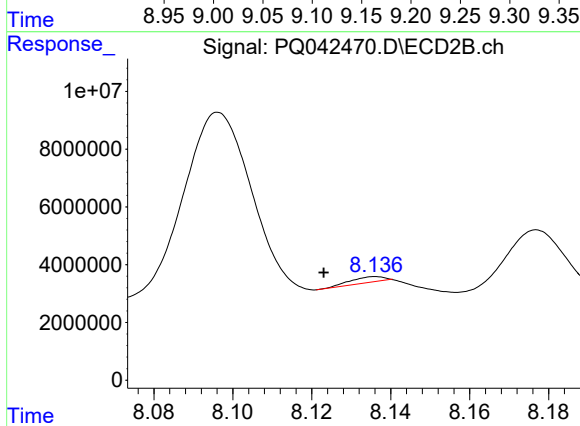
#31 AR-1260-1

R.T.: 7.893 min
Delta R.T.: -0.028 min
Response: 90301224
Conc: 497.72 ng/ml



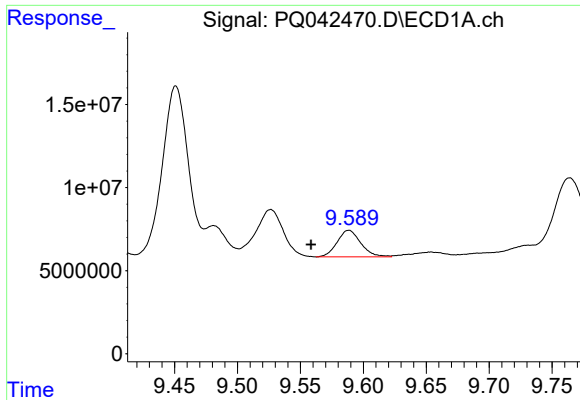
#32 AR-1260-2

R.T.: 9.151 min
Delta R.T.: -0.007 min
Response: 136950187
Conc: 542.86 ng/ml



#32 AR-1260-2

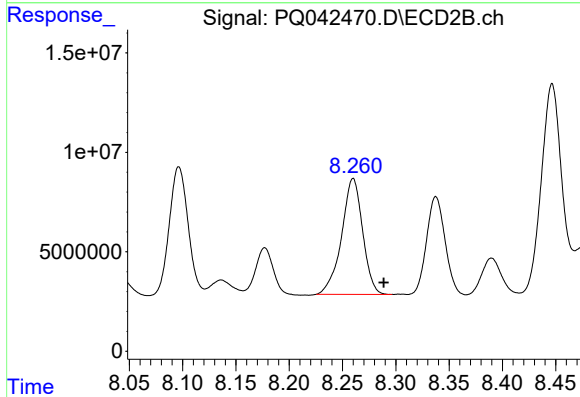
R.T.: 8.136 min
Delta R.T.: 0.013 min
Response: 1265201
Conc: 5.16 ng/ml



#33 AR-1260-3

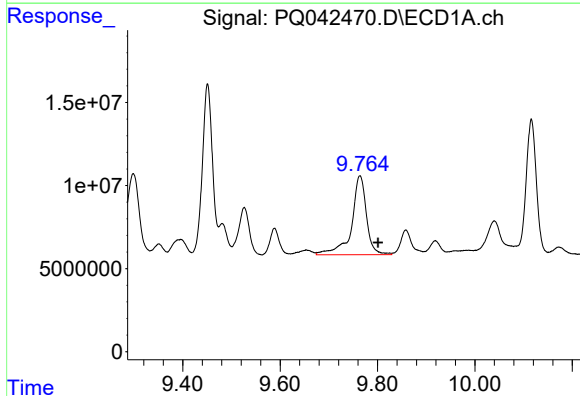
R.T.: 9.588 min
Delta R.T.: 0.030 min
Response: 21005659
Conc: 91.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



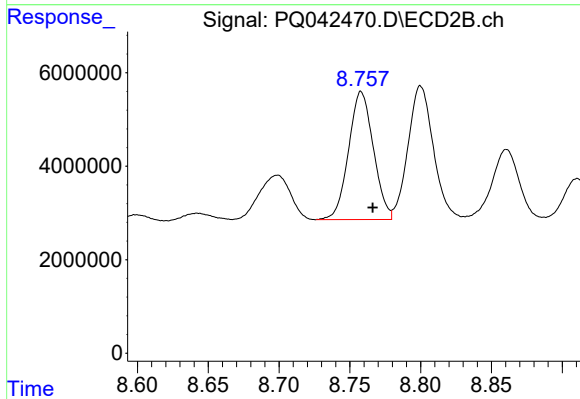
#33 AR-1260-3

R.T.: 8.260 min
Delta R.T.: -0.029 min
Response: 80352229
Conc: 377.63 ng/ml



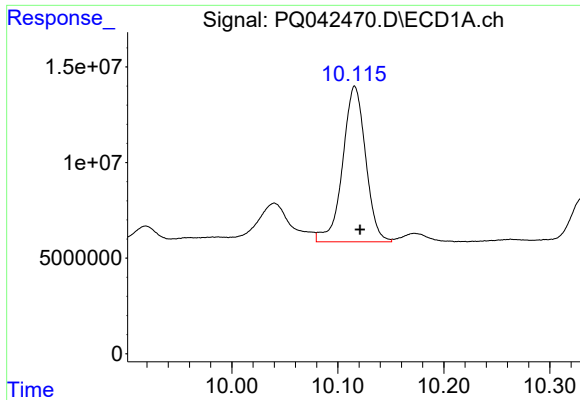
#34 AR-1260-4

R.T.: 9.764 min
Delta R.T.: -0.038 min
Response: 100726046
Conc: 394.47 ng/ml



#34 AR-1260-4

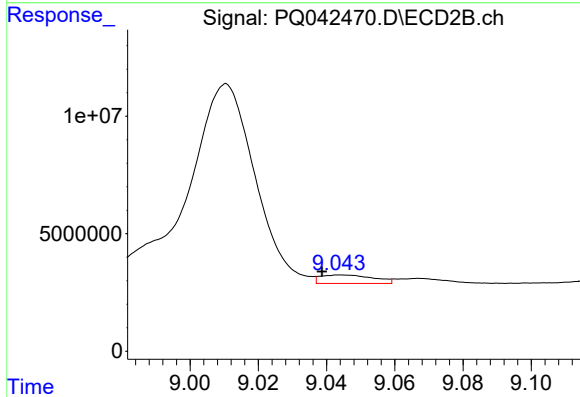
R.T.: 8.758 min
Delta R.T.: -0.008 min
Response: 33375774
Conc: 164.99 ng/ml



#35 AR-1260-5

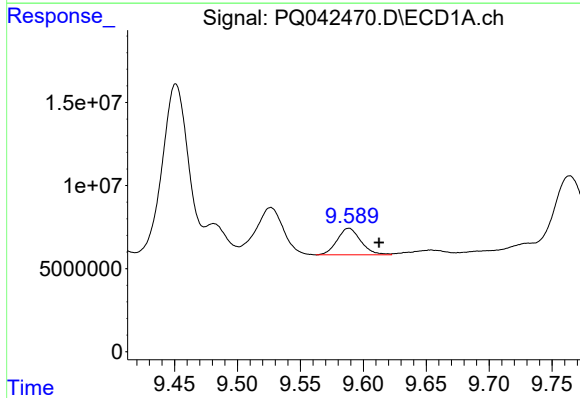
R.T.: 10.116 min
Delta R.T.: -0.005 min
Response: 122705318
Conc: 182.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



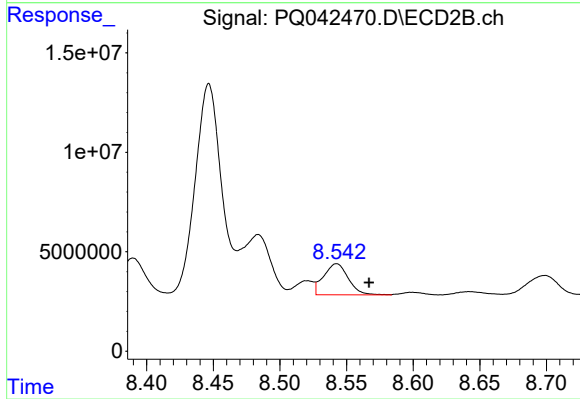
#35 AR-1260-5

R.T.: 9.044 min
Delta R.T.: 0.006 min
Response: 3896538
Conc: 6.60 ng/ml



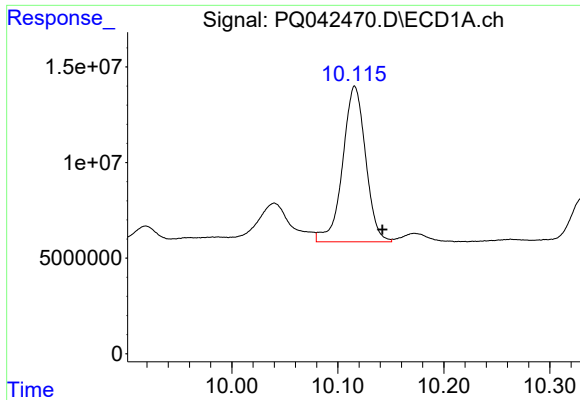
#36 AR-1262-1

R.T.: 9.588 min
Delta R.T.: -0.024 min
Response: 21005659
Conc: 136.67 ng/ml



#36 AR-1262-1

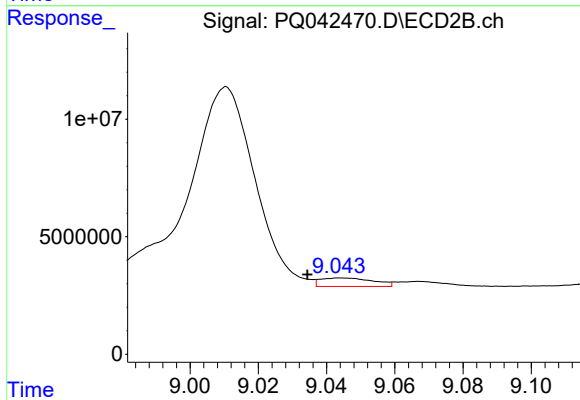
R.T.: 8.543 min
Delta R.T.: -0.024 min
Response: 20201253
Conc: 140.81 ng/ml



#37 AR-1262-2

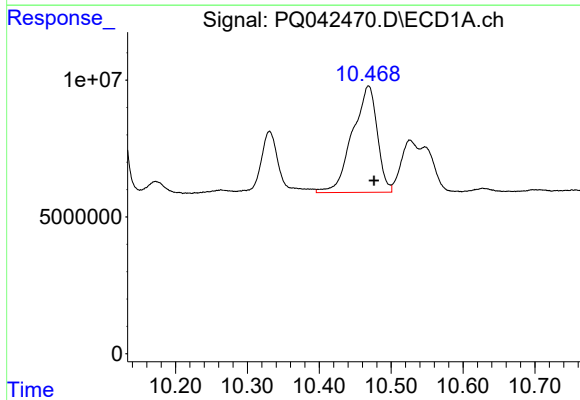
R.T.: 10.116 min
Delta R.T.: -0.026 min
Response: 122705318
Conc: 140.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



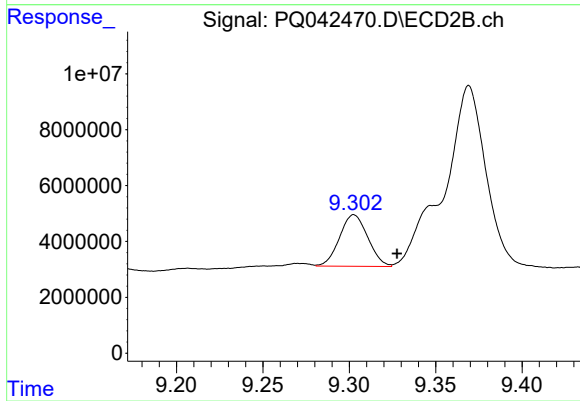
#37 AR-1262-2

R.T.: 9.044 min
Delta R.T.: 0.010 min
Response: 3896538
Conc: 5.26 ng/ml



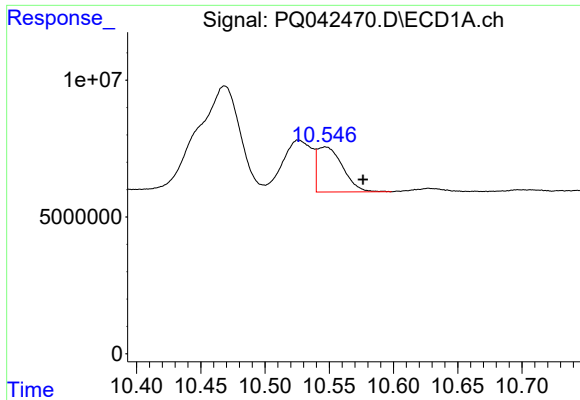
#38 AR-1262-3

R.T.: 10.469 min
Delta R.T.: -0.008 min
Response: 93165757
Conc: 146.72 ng/ml



#38 AR-1262-3

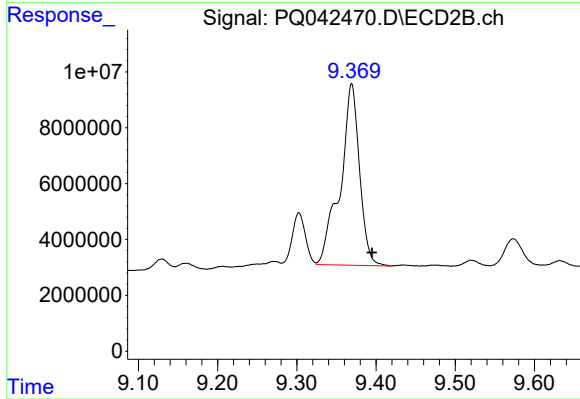
R.T.: 9.303 min
Delta R.T.: -0.025 min
Response: 20994595
Conc: 66.36 ng/ml



#39 AR-1262-4

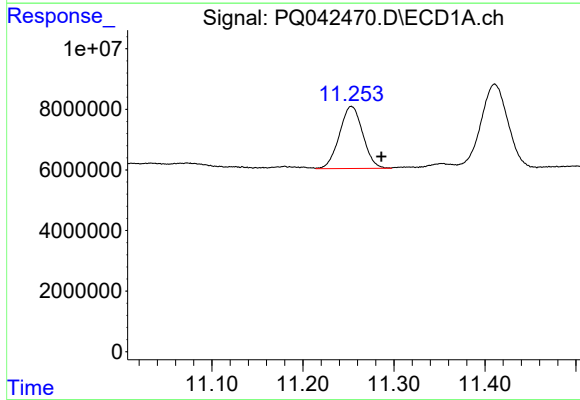
R.T.: 10.547 min
Delta R.T.: -0.029 min
Response: 22589896
Conc: 45.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



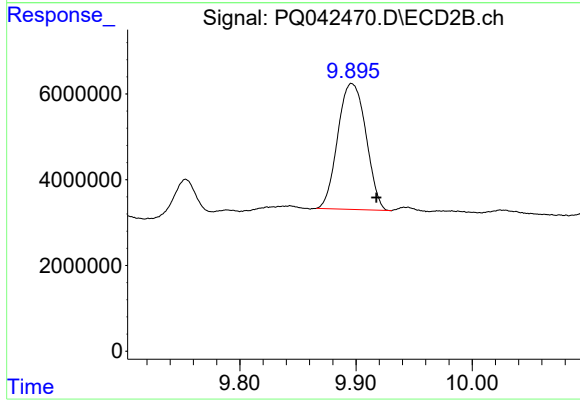
#39 AR-1262-4

R.T.: 9.369 min
Delta R.T.: -0.026 min
Response: 110106822
Conc: 195.79 ng/ml



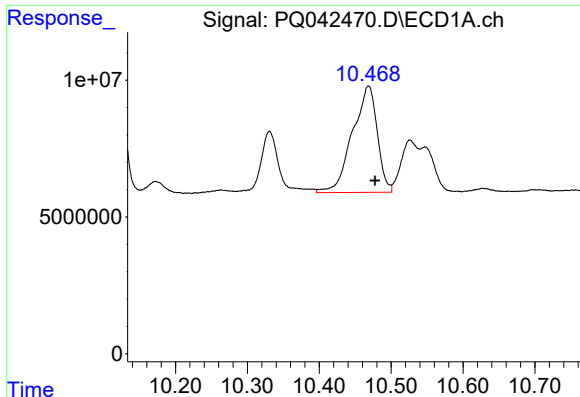
#40 AR-1262-5

R.T.: 11.253 min
Delta R.T.: -0.033 min
Response: 36451148
Conc: 89.54 ng/ml



#40 AR-1262-5

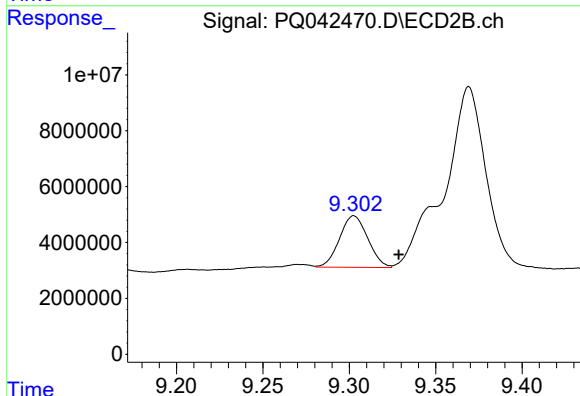
R.T.: 9.896 min
Delta R.T.: -0.021 min
Response: 49588886
Conc: 173.63 ng/ml



#41 AR-1268-1

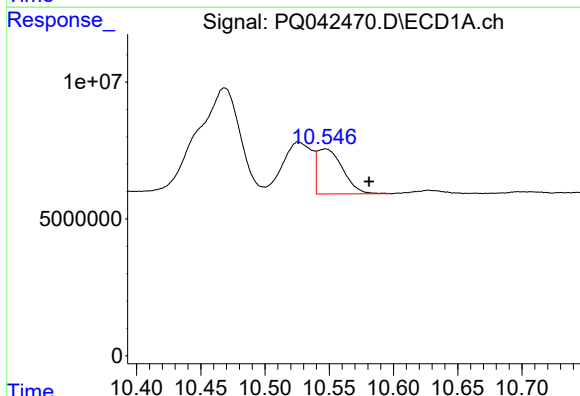
R.T.: 10.469 min
Delta R.T.: -0.009 min
Response: 93165757
Conc: 65.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



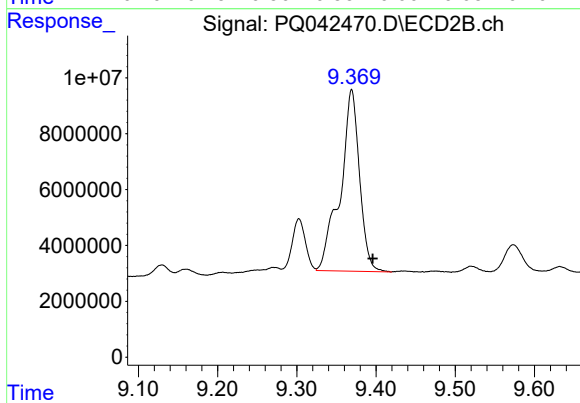
#41 AR-1268-1

R.T.: 9.303 min
Delta R.T.: -0.026 min
Response: 20994595
Conc: 18.37 ng/ml



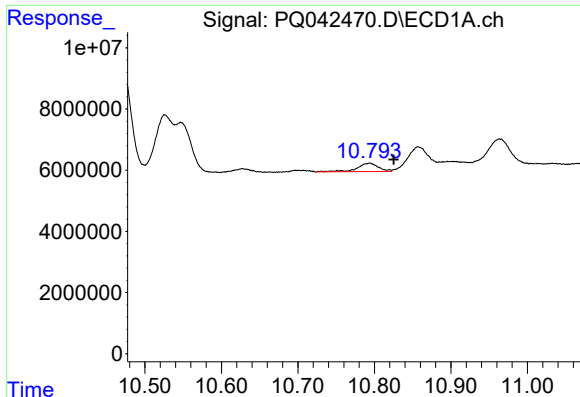
#42 AR-1268-2

R.T.: 10.547 min
Delta R.T.: -0.034 min
Response: 22589896
Conc: 17.13 ng/ml



#42 AR-1268-2

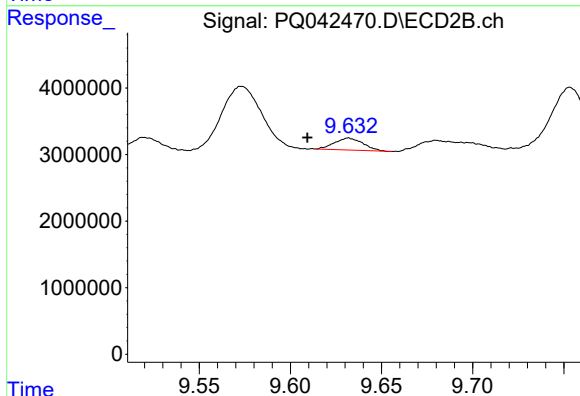
R.T.: 9.369 min
Delta R.T.: -0.026 min
Response: 110106822
Conc: 107.26 ng/ml



#43 AR-1268-3

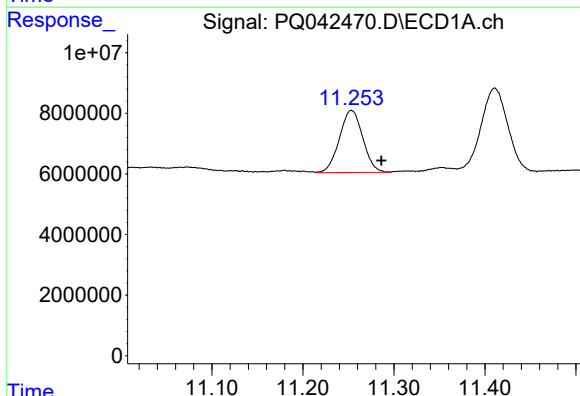
R.T.: 10.794 min
Delta R.T.: -0.031 min
Response: 5262469
Conc: 4.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



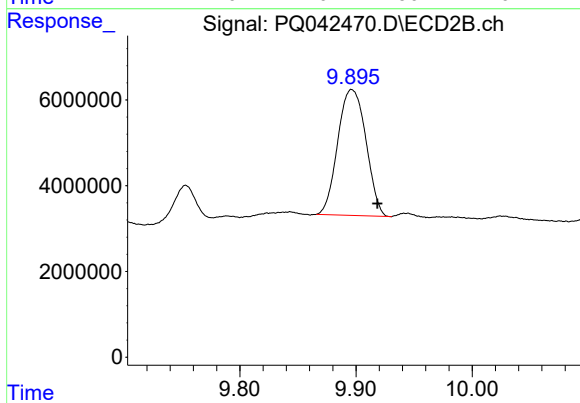
#43 AR-1268-3

R.T.: 9.632 min
Delta R.T.: 0.023 min
Response: 1958576
Conc: 2.25 ng/ml



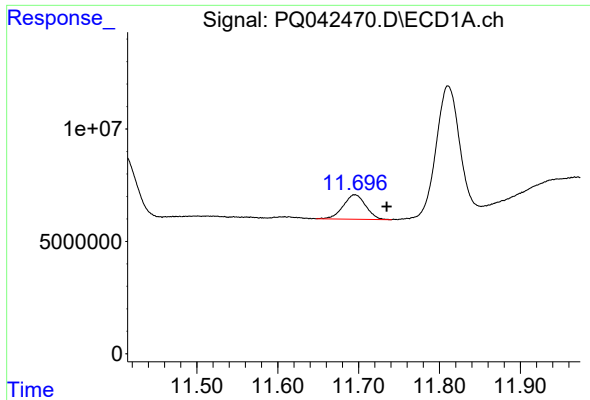
#44 AR-1268-4

R.T.: 11.253 min
Delta R.T.: -0.033 min
Response: 36451148
Conc: 66.95 ng/ml



#44 AR-1268-4

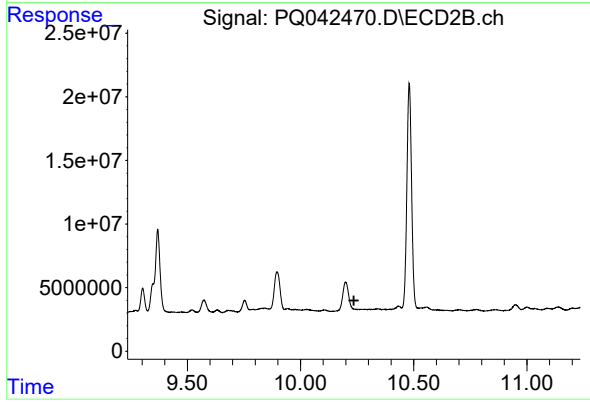
R.T.: 9.896 min
Delta R.T.: -0.022 min
Response: 49588886
Conc: 128.91 ng/ml



#45 AR-1268-5

R.T.: 11.695 min
Delta R.T.: -0.040 min
Response: 21012019
Conc: 5.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.236 min
Response: 0
Conc: N.D.