

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112119\
 Data File : PQ045331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 16:13
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254331

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 17:36:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.096	4.302	101.5E6	68860283	12.782	14.604
2) SA Decachlor...	11.159	9.721	246.4E6	230.6E6	35.583	33.993
Target Compounds						
3) L1 AR-1016-1	6.410	5.581	2448821	1762049	9.744	9.567
4) L1 AR-1016-2	6.435	5.599	3475509	1159320	9.191	4.387 #
5) L1 AR-1016-3	0.000	5.799	0	1025626	N.D.	7.947 #
6) L1 AR-1016-4	0.000	5.846	0	45265678	N.D.	416.853 #
7) L1 AR-1016-5	6.920	6.080	35839490	47699072	183.750	312.202 #
9) L2 AR-1221-2	0.000	4.664	0	986417	N.D.	24.985 #
12) L3 AR-1232-2	0.000	5.599	0	1159320	N.D.	9.321 #
13) L3 AR-1232-3	6.435	5.799	3475509	1025626	19.684	17.319
14) L3 AR-1232-4	0.000	5.890	0	13810011	N.D.	229.729 #
15) L3 AR-1232-5	6.703	6.080	60979969	47699072	919.203	654.909 #
16) L4 AR-1242-1	6.410	5.581	2448821	1762049	11.393	11.239
17) L4 AR-1242-2	6.435	5.599	3475509	1159320	10.807	5.181 #
18) L4 AR-1242-3	0.000	5.799	0	1025626	N.D.	9.228 #
19) L4 AR-1242-4	0.000	5.890	0	13810011	N.D.	115.812 #
20) L4 AR-1242-5	7.391	6.463	41821034	145.1E6	231.101	883.932 #
21) L5 AR-1248-1	6.410	5.581	2448821	1762049	14.540	14.159
22) L5 AR-1248-2	6.703	5.846	60979969	45265678	248.965	265.911
23) L5 AR-1248-3	6.920	5.890	35839490	13810011	131.687	77.219 #
24) L5 AR-1248-4	7.347	6.080	65440485	47699072	216.070	219.133
25) L5 AR-1248-5	7.391	6.506	41821034	23472211	146.203	105.262 #
26) L6 AR-1254-1	7.319	6.463	127.1E6	145.1E6	392.788	398.987
27) L6 AR-1254-2	7.547	6.621	182.2E6	132.4E6	366.914	411.143
28) L6 AR-1254-3	7.929	7.050	205.6E6	233.8E6	386.336	421.524
29) L6 AR-1254-4	8.225	7.289	137.6E6	156.3E6	356.191	437.333
30) L6 AR-1254-5	8.655	7.723	157.0E6	219.9E6	363.337	439.835
31) L7 AR-1260-1	8.098	7.185	84638326	118.0E6	270.995	385.032 #
32) L7 AR-1260-2	8.362	7.382	86743643	96972314	211.861	245.590
33) L7 AR-1260-3	8.717	7.541	21128553	93497503	64.716	272.915 #
34) L7 AR-1260-4	8.954	8.028	60702439	10248656	159.630	33.421 #
35) L7 AR-1260-5	9.295	8.275	20860892	23786283	27.099	30.393
36) L8 AR-1262-1	8.789	7.723	5582846	219.9E6	26.764	868.957 #
37) L8 AR-1262-2	9.295	8.275	20860892	23786283	23.097	24.106
38) L8 AR-1262-3	9.636	8.563	16511779	1295553	27.074	3.362 #
39) L8 AR-1262-4	9.687	8.630	4309485	22997913	9.486	31.217 #
40) L8 AR-1262-5	0.000	9.145	0	1022787	N.D.	2.938 #
41) L9 AR-1268-1	9.636	8.563	16511779	1295553	14.786	1.077 #
42) L9 AR-1268-2	9.687	8.630	4309485	22997913	4.239	20.652 #
43) L9 AR-1268-3	0.000	8.837	0	2275930	N.D.	2.447 #
44) L9 AR-1268-4	0.000	9.145	0	1022787	N.D.	2.539 #

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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
45) L9	AR-1268-5	0.000	9.452	0	1544532	N.D.	0.511 #

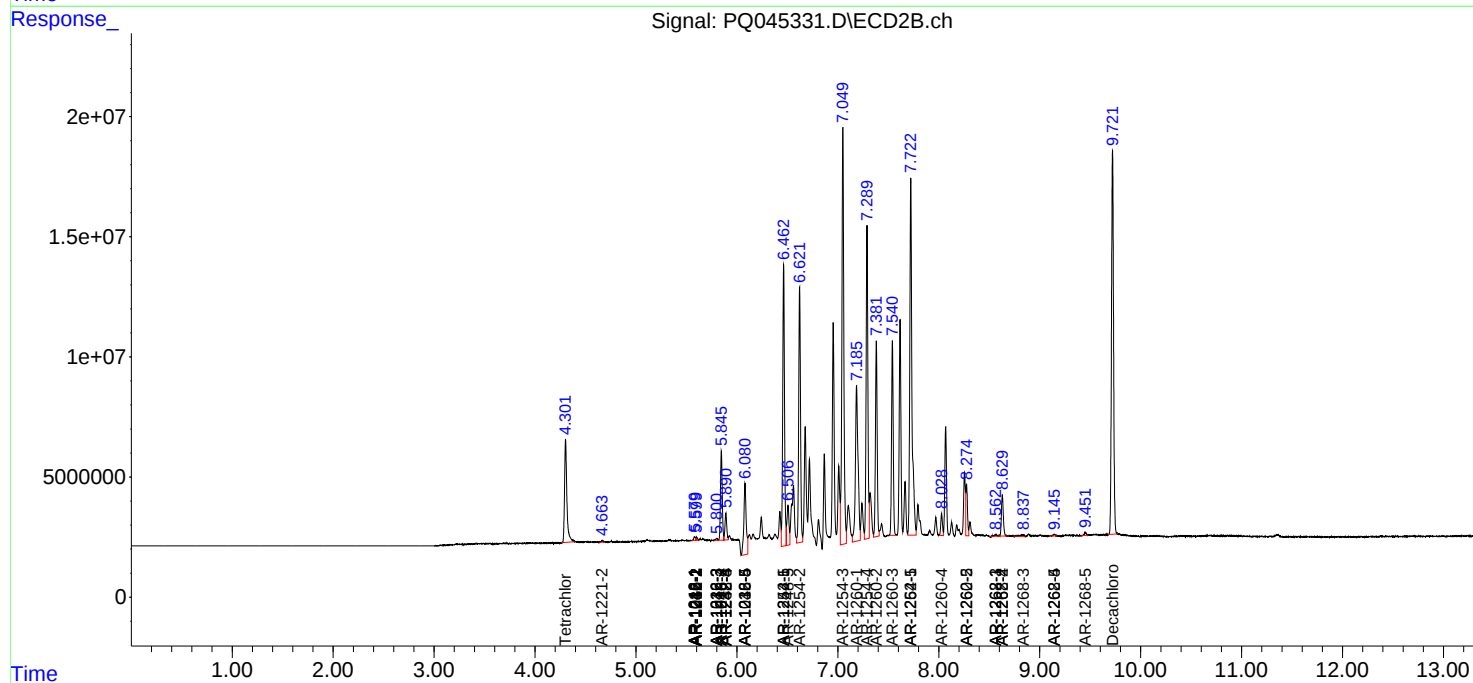
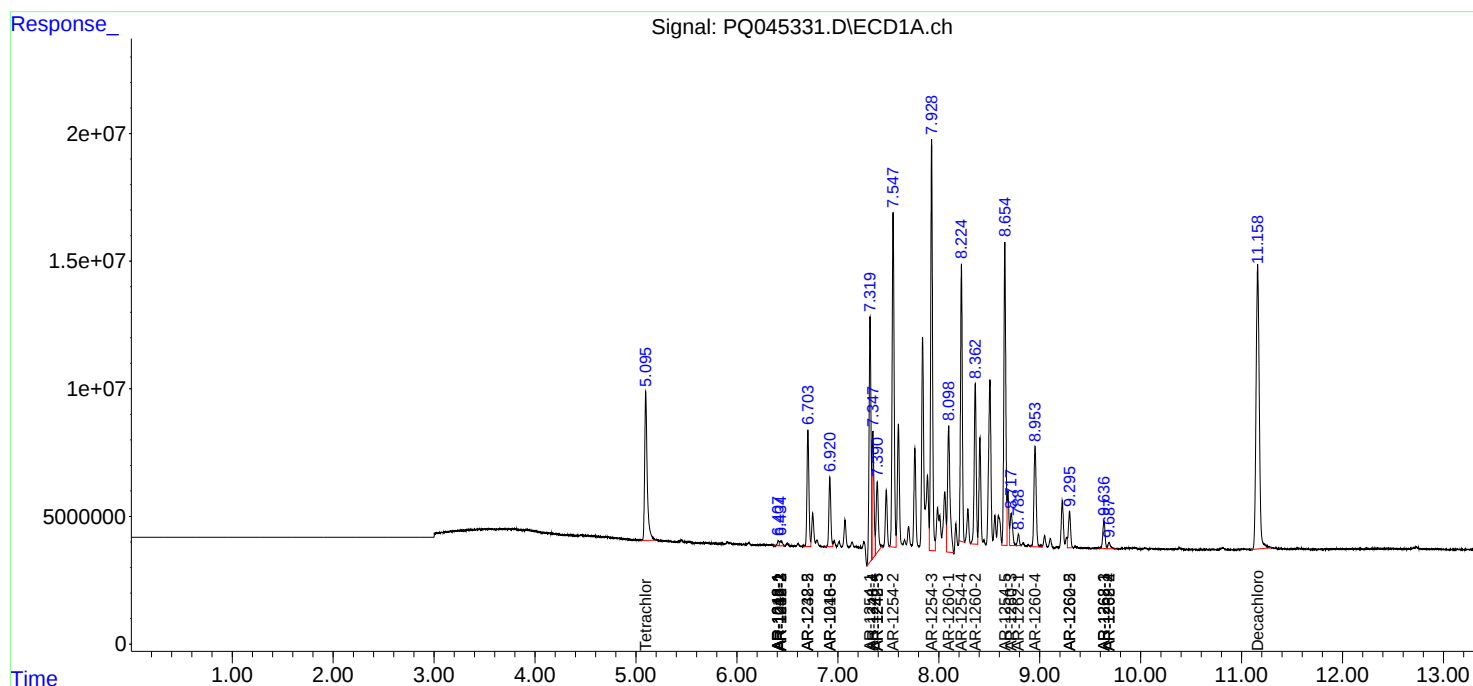
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

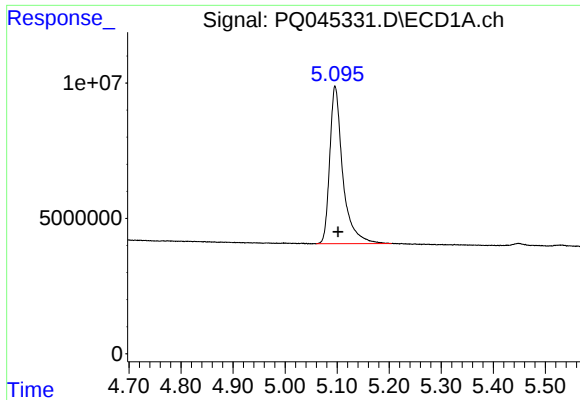
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112119\
Data File : PQ045331.D
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Integration File signal 1: autoint1.e
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Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 03:35:55 2019
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Signal #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

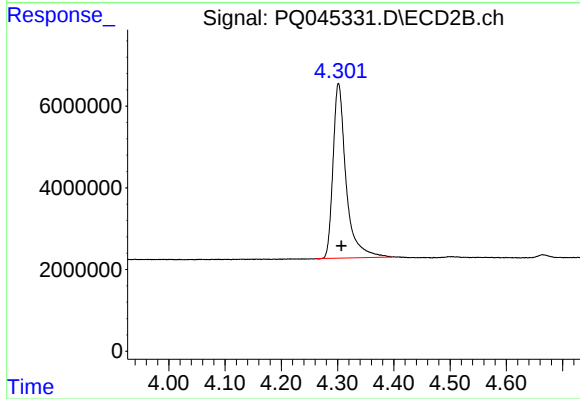




#1 Tetrachloro-m-xylene

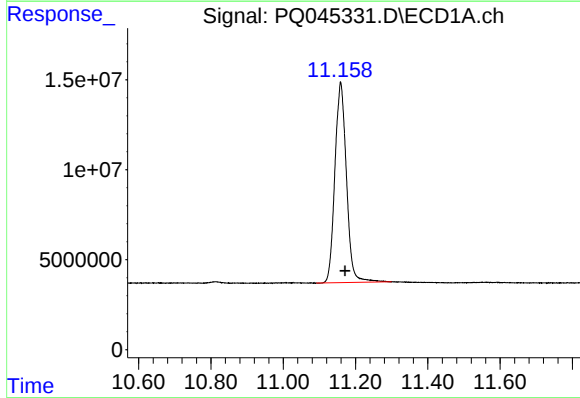
R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 101462084
Conc: 12.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



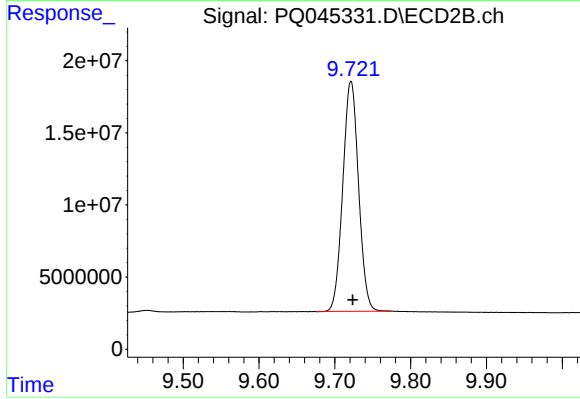
#1 Tetrachloro-m-xylene

R.T.: 4.302 min
Delta R.T.: -0.005 min
Response: 68860283
Conc: 14.60 ng/ml



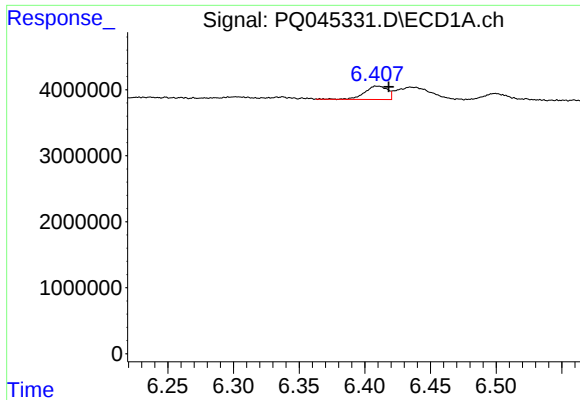
#2 Decachlorobiphenyl

R.T.: 11.159 min
Delta R.T.: -0.013 min
Response: 246447219
Conc: 35.58 ng/ml



#2 Decachlorobiphenyl

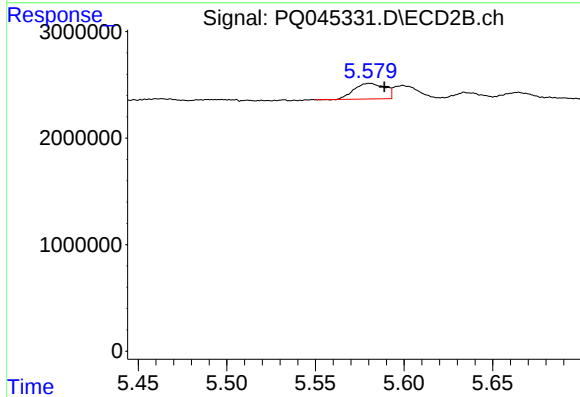
R.T.: 9.721 min
Delta R.T.: -0.002 min
Response: 230644839
Conc: 33.99 ng/ml



#3 AR-1016-1

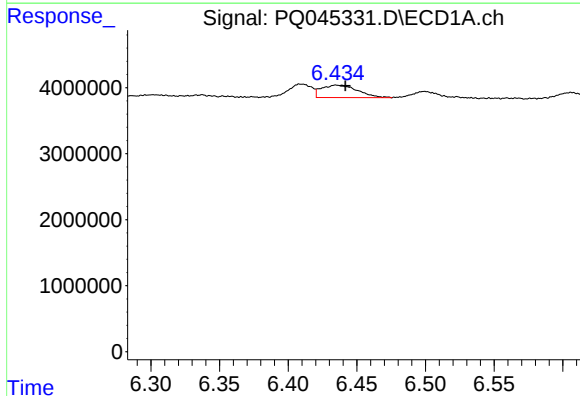
R.T.: 6.410 min
Delta R.T.: -0.008 min
Response: 2448821
Conc: 9.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



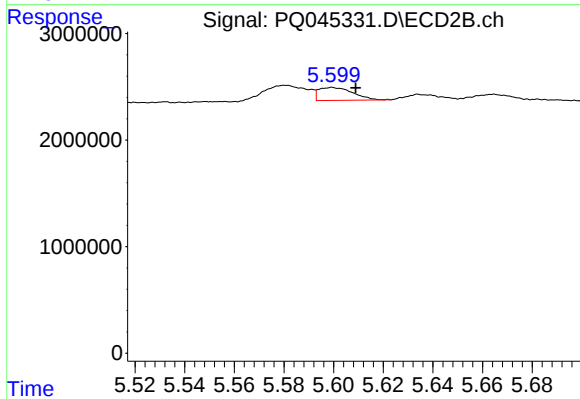
#3 AR-1016-1

R.T.: 5.581 min
Delta R.T.: -0.008 min
Response: 1762049
Conc: 9.57 ng/ml



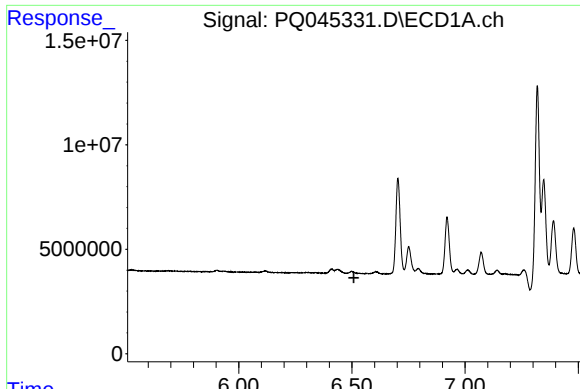
#4 AR-1016-2

R.T.: 6.435 min
Delta R.T.: -0.007 min
Response: 3475509
Conc: 9.19 ng/ml



#4 AR-1016-2

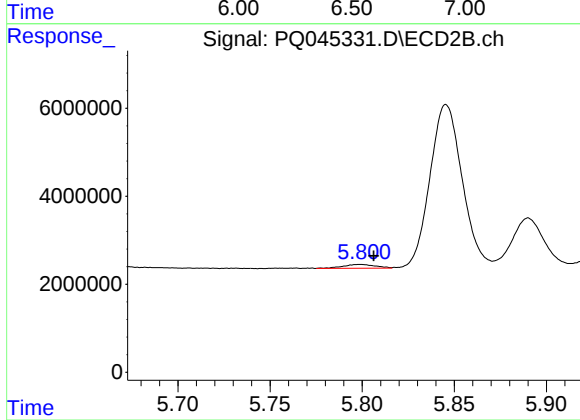
R.T.: 5.599 min
Delta R.T.: -0.010 min
Response: 1159320
Conc: 4.39 ng/ml



#5 AR-1016-3

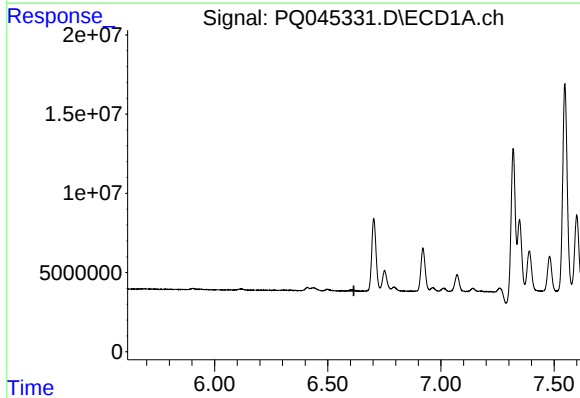
R.T.: 0.000 min
Exp R.T.: 6.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254331



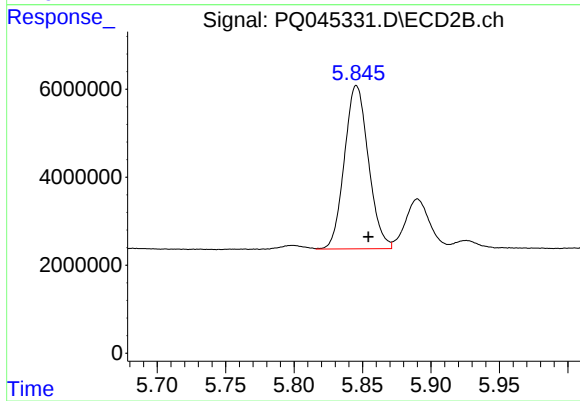
#5 AR-1016-3

R.T.: 5.799 min
Delta R.T.: -0.007 min
Response: 1025626
Conc: 7.95 ng/ml



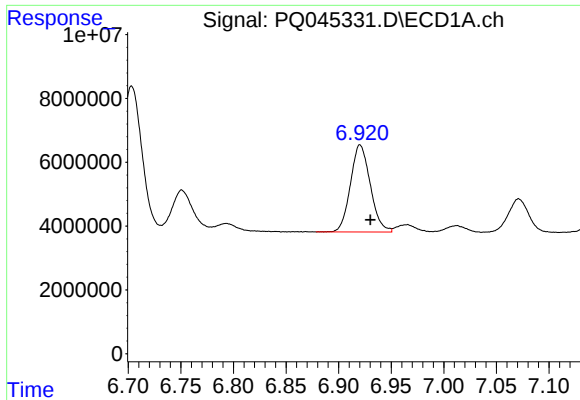
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.615 min
Response: 0
Conc: N.D.



#6 AR-1016-4

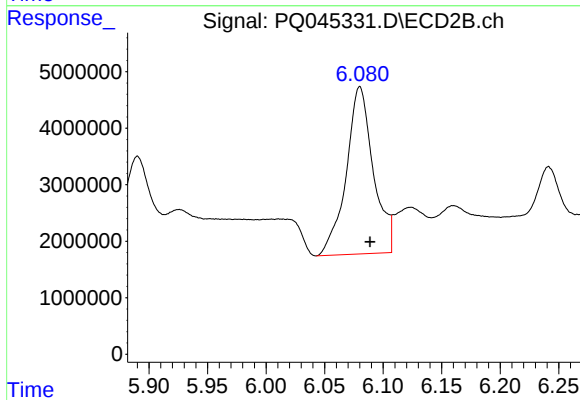
R.T.: 5.846 min
Delta R.T.: -0.009 min
Response: 45265678
Conc: 416.85 ng/ml



#7 AR-1016-5

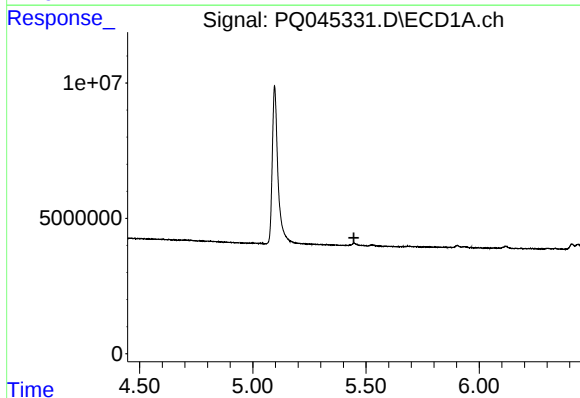
R.T.: 6.920 min
Delta R.T.: -0.010 min
Response: 35839490
Conc: 183.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



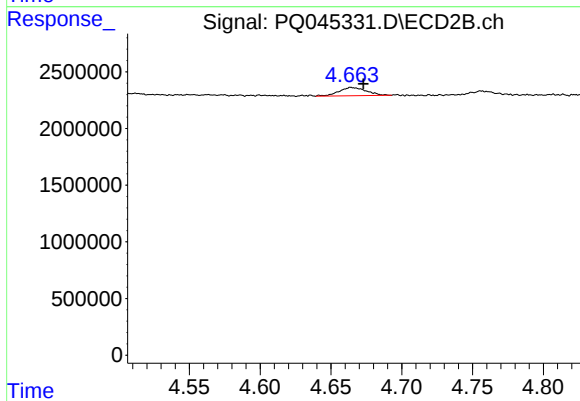
#7 AR-1016-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 47699072
Conc: 312.20 ng/ml



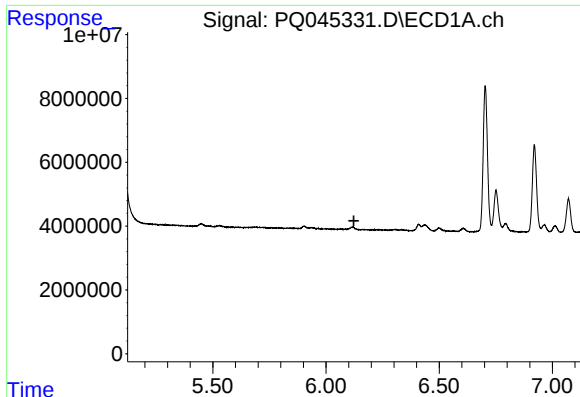
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.446 min
Response: 0
Conc: N.D.



#9 AR-1221-2

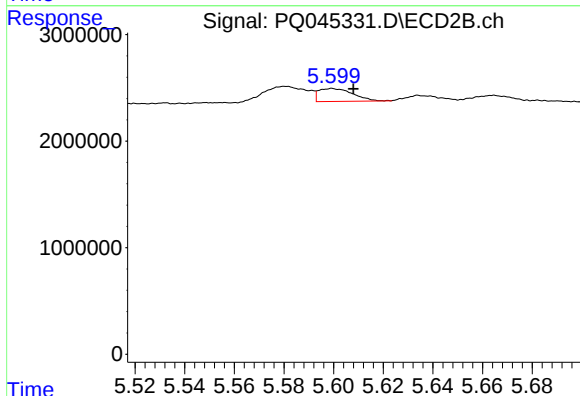
R.T.: 4.664 min
Delta R.T.: -0.009 min
Response: 986417
Conc: 24.99 ng/ml



#12 AR-1232-2

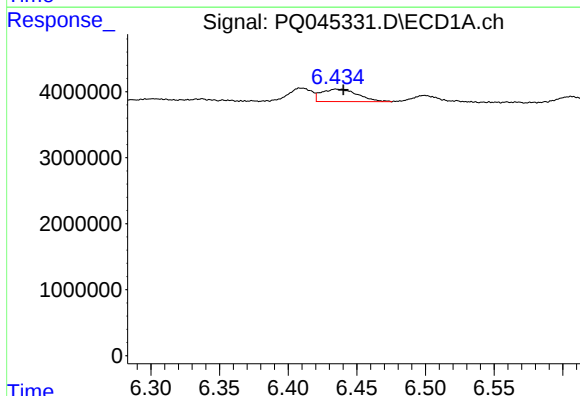
R.T.: 0.000 min
Exp R.T.: 6.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254331



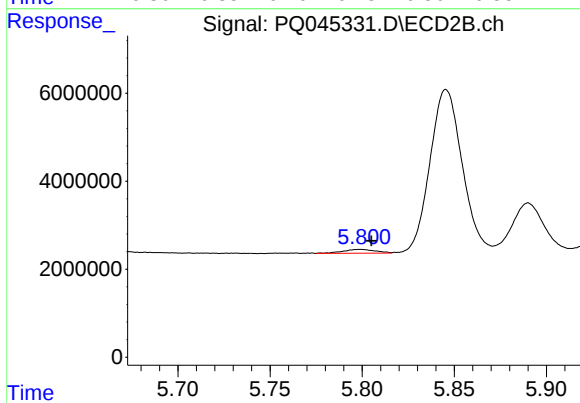
#12 AR-1232-2

R.T.: 5.599 min
Delta R.T.: -0.009 min
Response: 1159320
Conc: 9.32 ng/ml



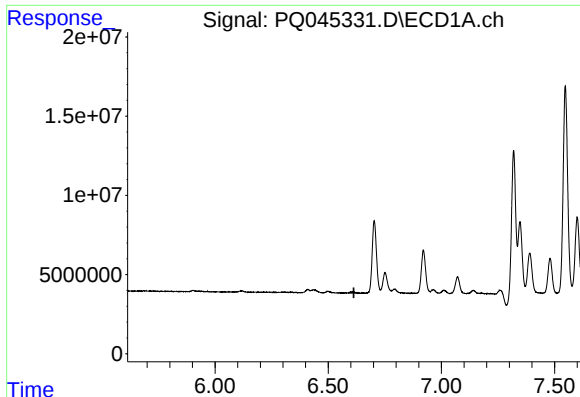
#13 AR-1232-3

R.T.: 6.435 min
Delta R.T.: -0.006 min
Response: 3475509
Conc: 19.68 ng/ml



#13 AR-1232-3

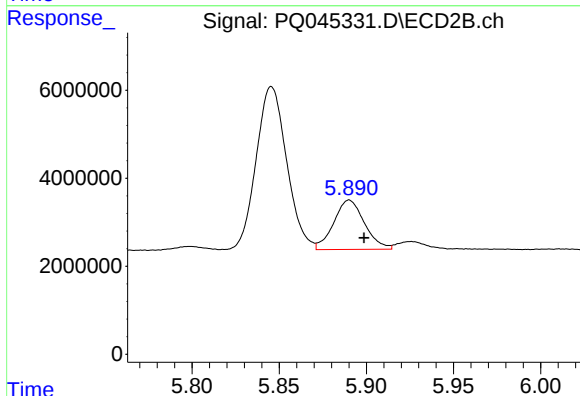
R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 1025626
Conc: 17.32 ng/ml



#14 AR-1232-4

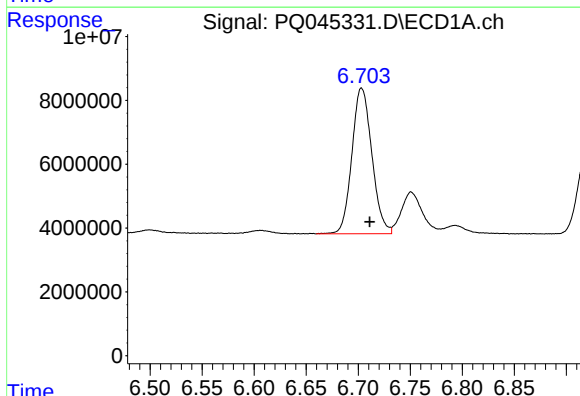
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254331



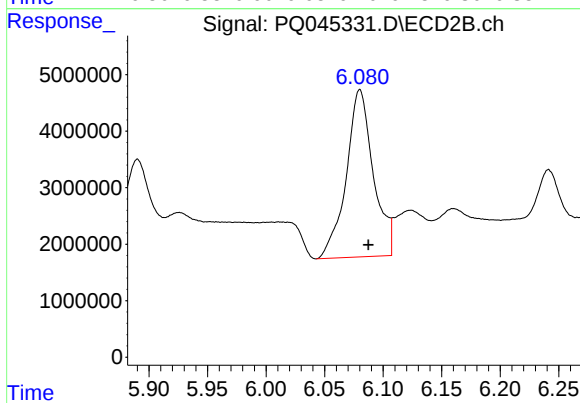
#14 AR-1232-4

R.T.: 5.890 min
Delta R.T.: -0.008 min
Response: 13810011
Conc: 229.73 ng/ml



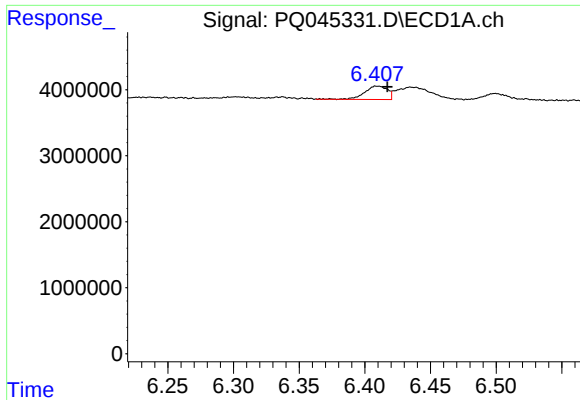
#15 AR-1232-5

R.T.: 6.703 min
Delta R.T.: -0.008 min
Response: 60979969
Conc: 919.20 ng/ml



#15 AR-1232-5

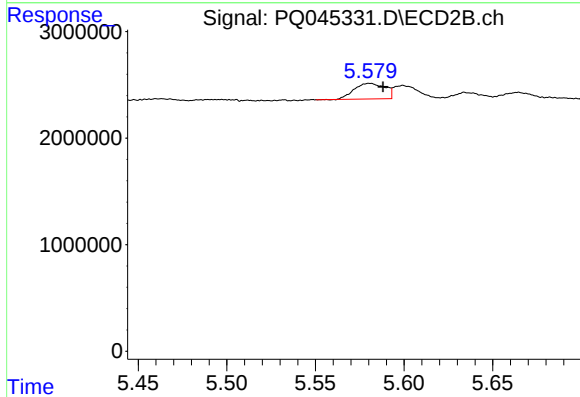
R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 47699072
Conc: 654.91 ng/ml



#16 AR-1242-1

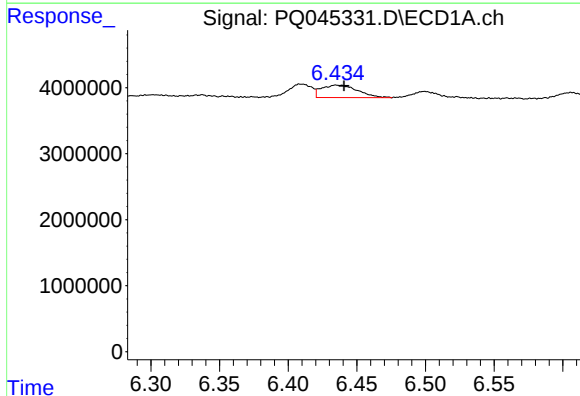
R.T.: 6.410 min
Delta R.T.: -0.007 min
Response: 2448821
Conc: 11.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



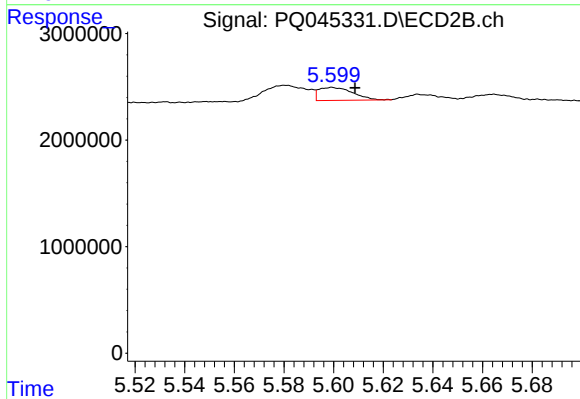
#16 AR-1242-1

R.T.: 5.581 min
Delta R.T.: -0.008 min
Response: 1762049
Conc: 11.24 ng/ml



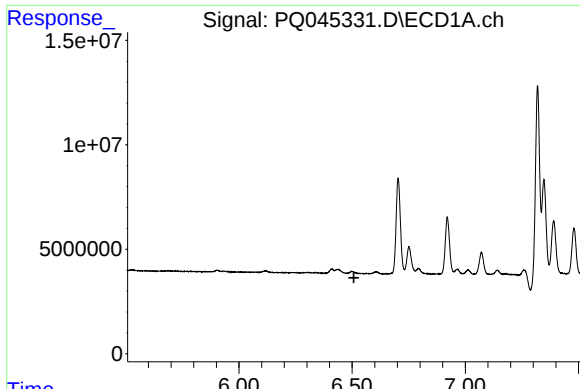
#17 AR-1242-2

R.T.: 6.435 min
Delta R.T.: -0.006 min
Response: 3475509
Conc: 10.81 ng/ml



#17 AR-1242-2

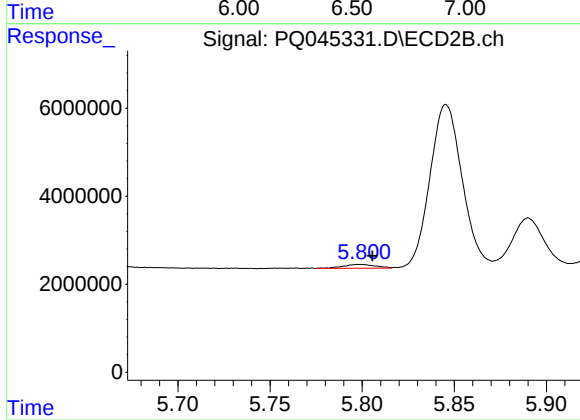
R.T.: 5.599 min
Delta R.T.: -0.009 min
Response: 1159320
Conc: 5.18 ng/ml



#18 AR-1242-3

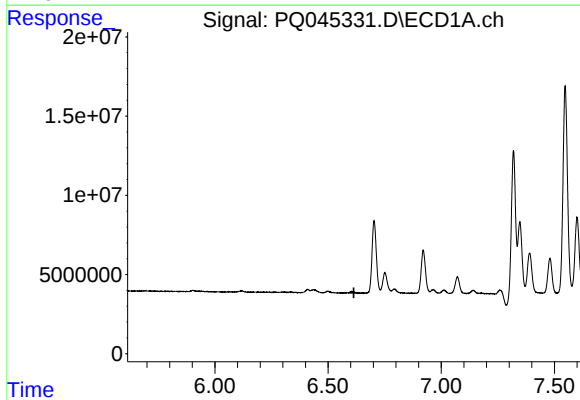
R.T.: 0.000 min
Exp R.T.: 6.508 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254331



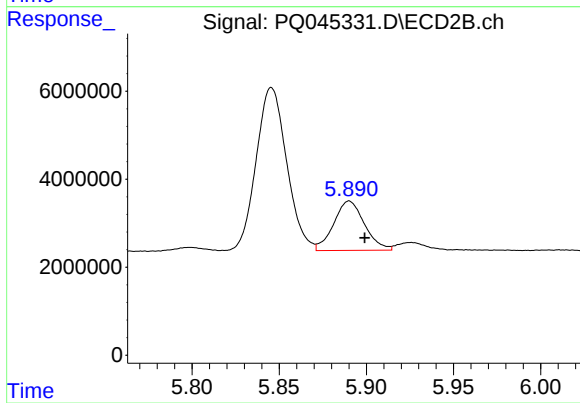
#18 AR-1242-3

R.T.: 5.799 min
Delta R.T.: -0.007 min
Response: 1025626
Conc: 9.23 ng/ml



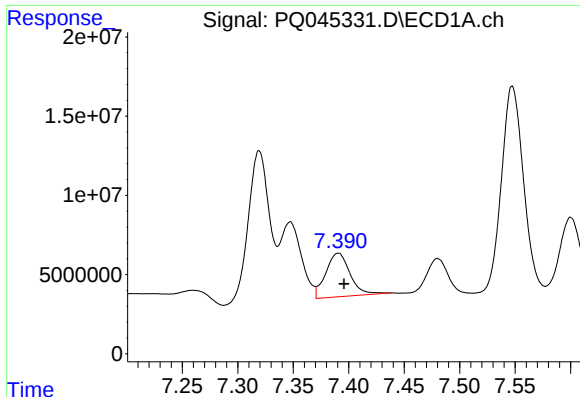
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.



#19 AR-1242-4

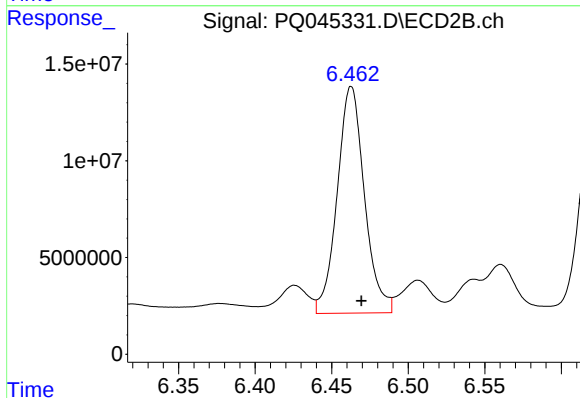
R.T.: 5.890 min
Delta R.T.: -0.009 min
Response: 13810011
Conc: 115.81 ng/ml



#20 AR-1242-5

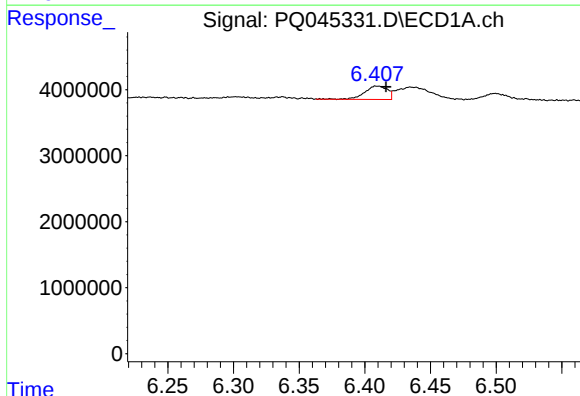
R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 41821034
Conc: 231.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



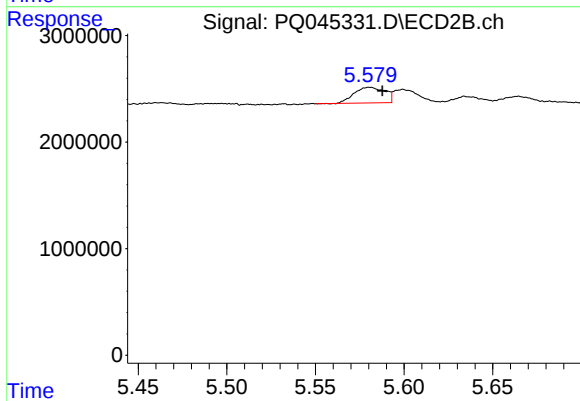
#20 AR-1242-5

R.T.: 6.463 min
Delta R.T.: -0.007 min
Response: 145143731
Conc: 883.93 ng/ml



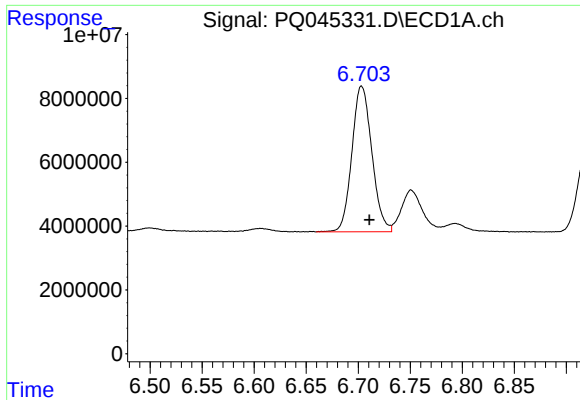
#21 AR-1248-1

R.T.: 6.410 min
Delta R.T.: -0.006 min
Response: 2448821
Conc: 14.54 ng/ml



#21 AR-1248-1

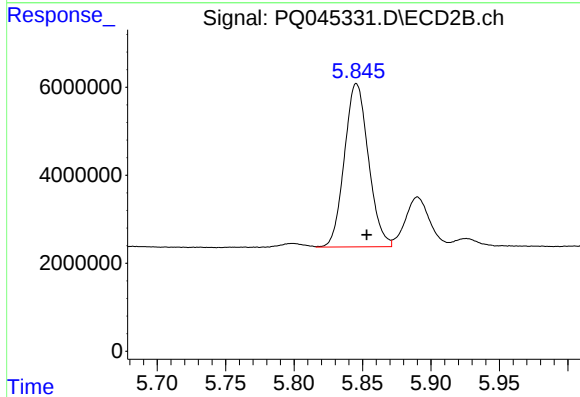
R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 1762049
Conc: 14.16 ng/ml



#22 AR-1248-2

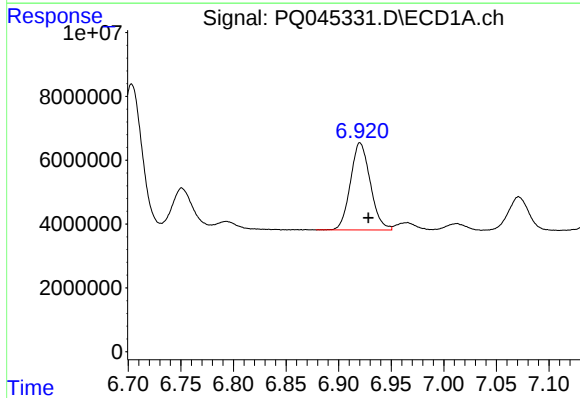
R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 60979969
Conc: 248.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



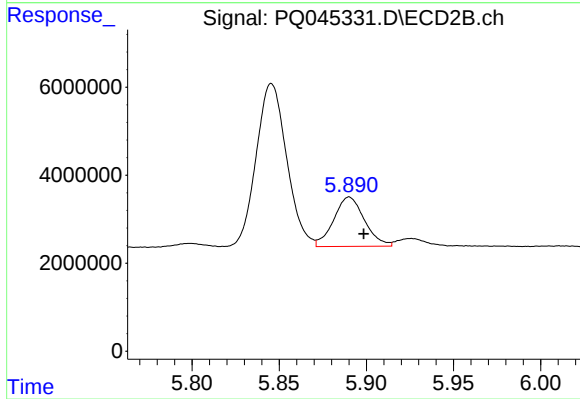
#22 AR-1248-2

R.T.: 5.846 min
Delta R.T.: -0.008 min
Response: 45265678
Conc: 265.91 ng/ml



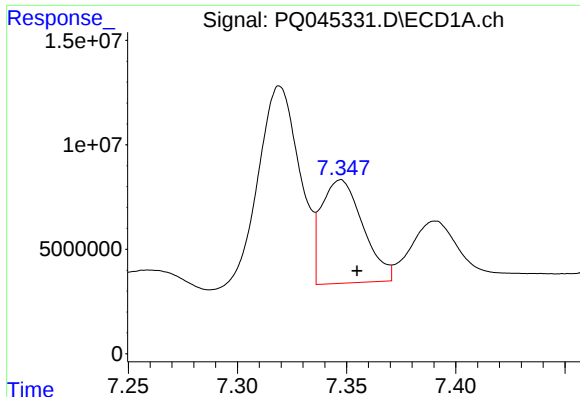
#23 AR-1248-3

R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 35839490
Conc: 131.69 ng/ml



#23 AR-1248-3

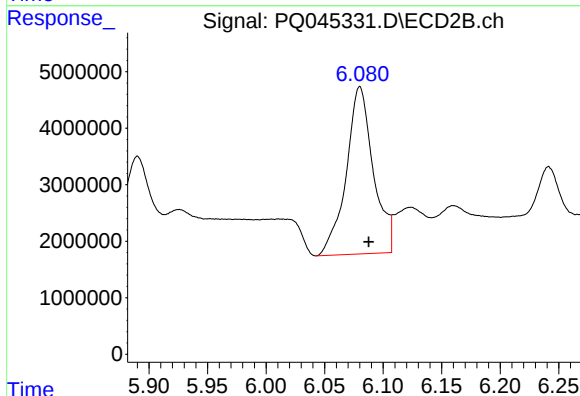
R.T.: 5.890 min
Delta R.T.: -0.008 min
Response: 13810011
Conc: 77.22 ng/ml



#24 AR-1248-4

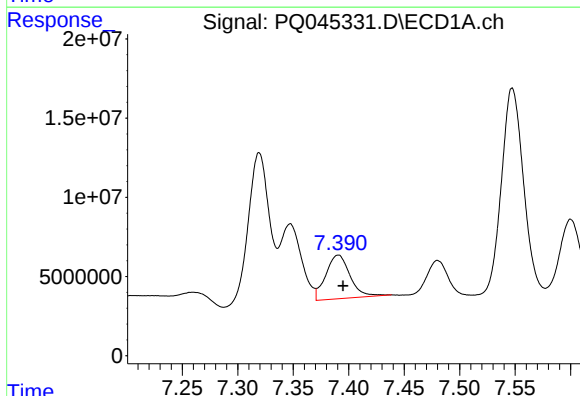
R.T.: 7.347 min
Delta R.T.: -0.007 min
Response: 65440485
Conc: 216.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



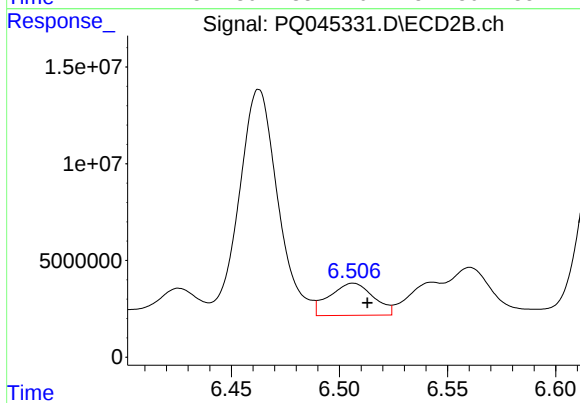
#24 AR-1248-4

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 47699072
Conc: 219.13 ng/ml



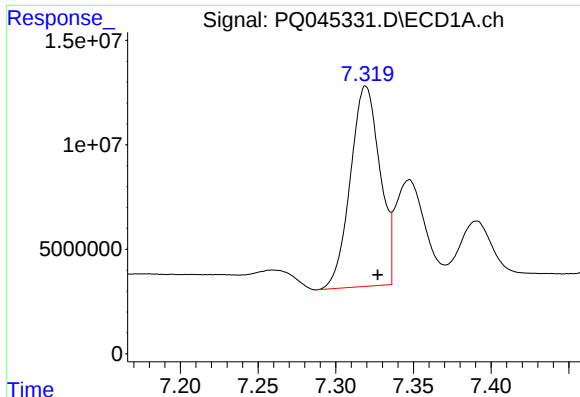
#25 AR-1248-5

R.T.: 7.391 min
Delta R.T.: -0.004 min
Response: 41821034
Conc: 146.20 ng/ml



#25 AR-1248-5

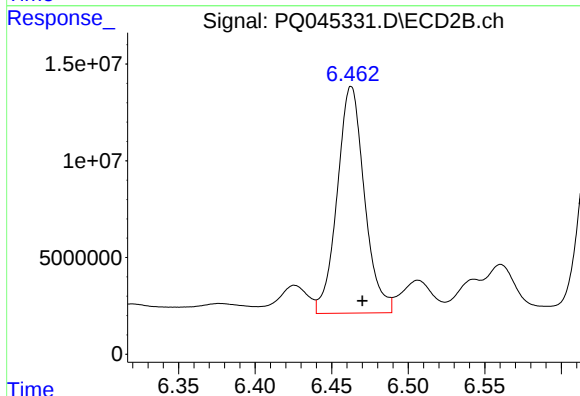
R.T.: 6.506 min
Delta R.T.: -0.006 min
Response: 23472211
Conc: 105.26 ng/ml



#26 AR-1254-1

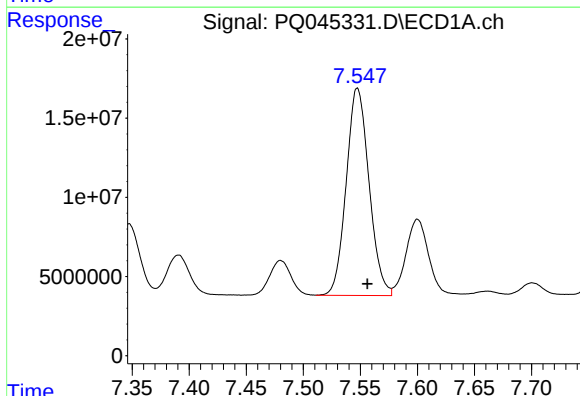
R.T.: 7.319 min
Delta R.T.: -0.008 min
Response: 127089263
Conc: 392.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



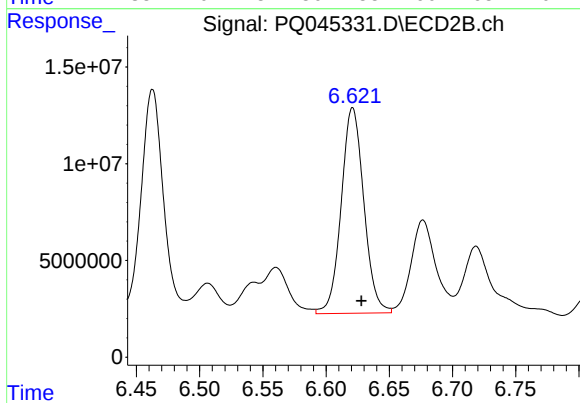
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: -0.007 min
Response: 145143731
Conc: 398.99 ng/ml



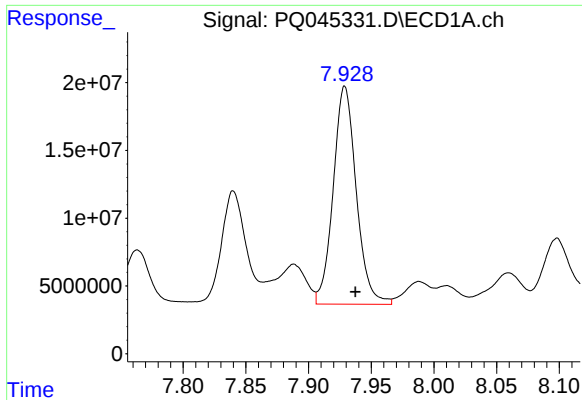
#27 AR-1254-2

R.T.: 7.547 min
Delta R.T.: -0.009 min
Response: 182173411
Conc: 366.91 ng/ml



#27 AR-1254-2

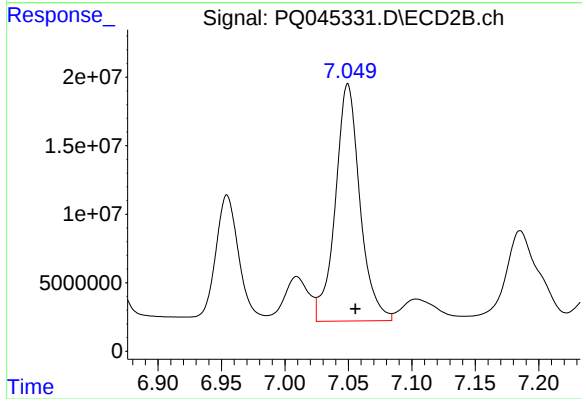
R.T.: 6.621 min
Delta R.T.: -0.007 min
Response: 132420933
Conc: 411.14 ng/ml



#28 AR-1254-3

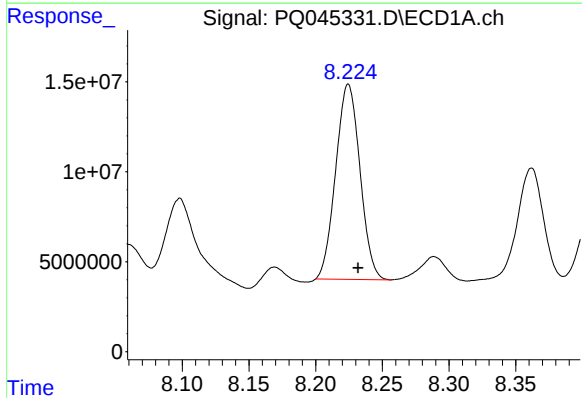
R.T.: 7.929 min
Delta R.T.: -0.008 min
Response: 205631313
Conc: 386.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



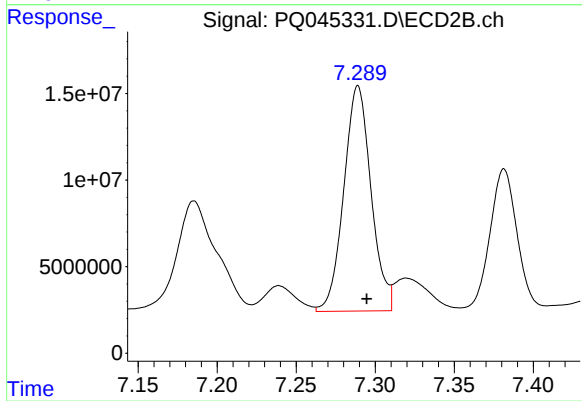
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: -0.006 min
Response: 233816583
Conc: 421.52 ng/ml



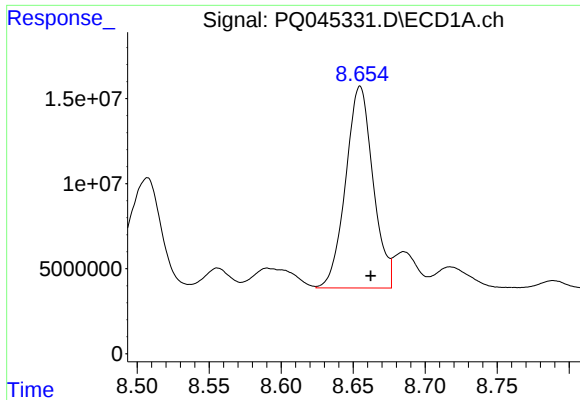
#29 AR-1254-4

R.T.: 8.225 min
Delta R.T.: -0.007 min
Response: 137593461
Conc: 356.19 ng/ml



#29 AR-1254-4

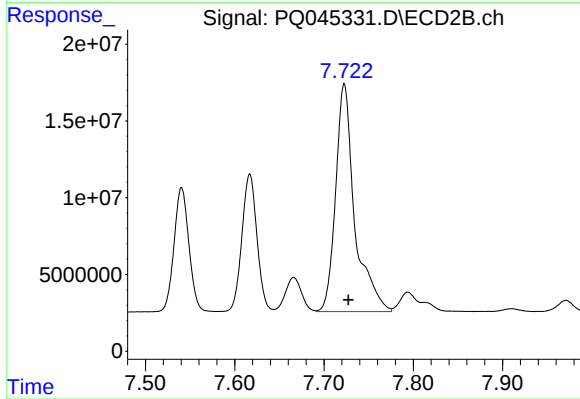
R.T.: 7.289 min
Delta R.T.: -0.006 min
Response: 156313316
Conc: 437.33 ng/ml



#30 AR-1254-5

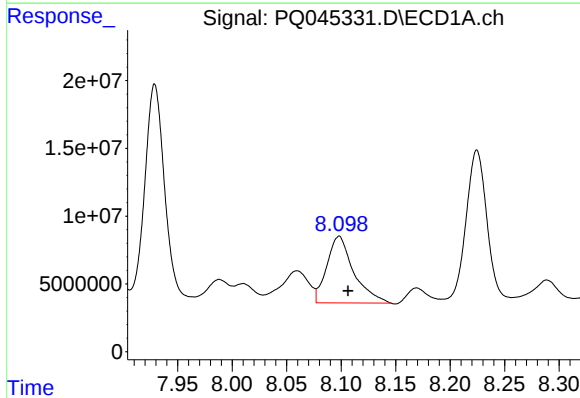
R.T.: 8.655 min
Delta R.T.: -0.007 min
Response: 156955216
Conc: 363.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



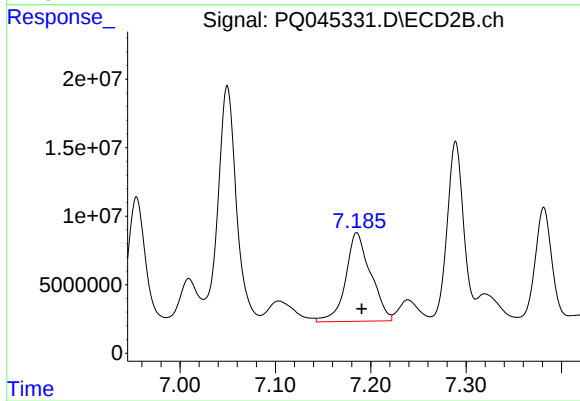
#30 AR-1254-5

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 219927459
Conc: 439.83 ng/ml



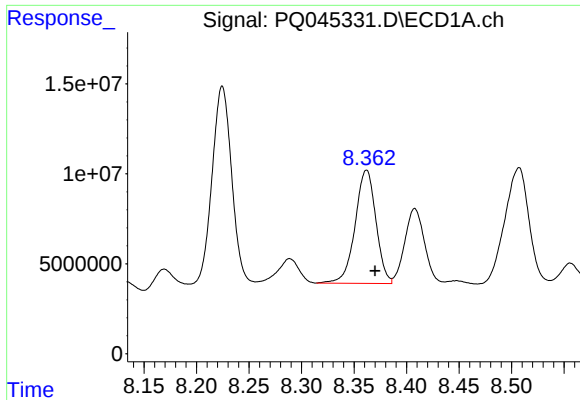
#31 AR-1260-1

R.T.: 8.098 min
Delta R.T.: -0.008 min
Response: 84638326
Conc: 270.99 ng/ml



#31 AR-1260-1

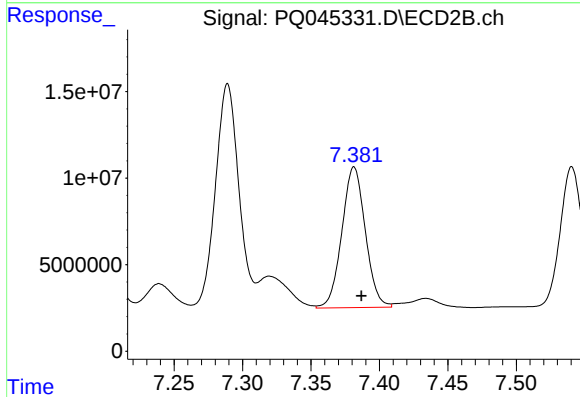
R.T.: 7.185 min
Delta R.T.: -0.005 min
Response: 117963377
Conc: 385.03 ng/ml



#32 AR-1260-2

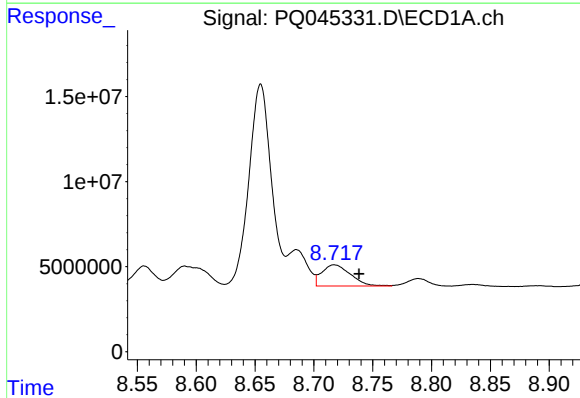
R.T.: 8.362 min
Delta R.T.: -0.008 min
Response: 86743643
Conc: 211.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



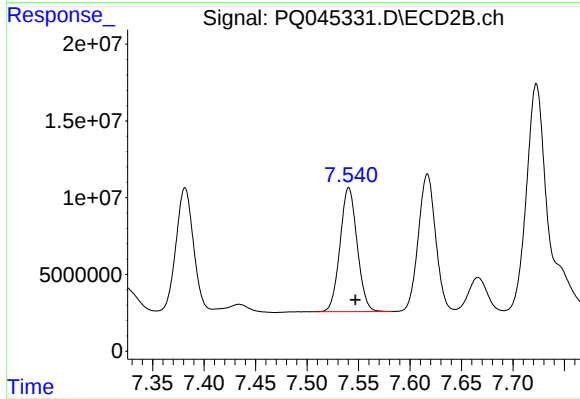
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 96972314
Conc: 245.59 ng/ml



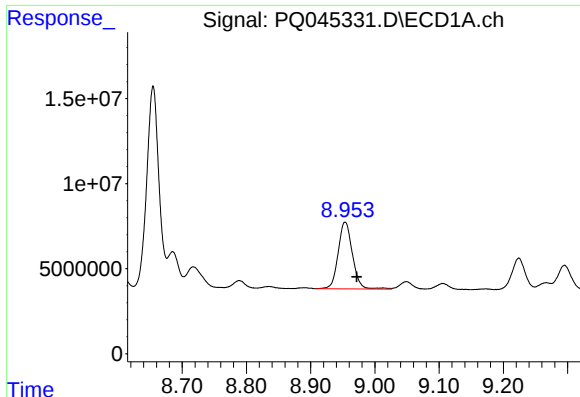
#33 AR-1260-3

R.T.: 8.717 min
Delta R.T.: -0.021 min
Response: 21128553
Conc: 64.72 ng/ml



#33 AR-1260-3

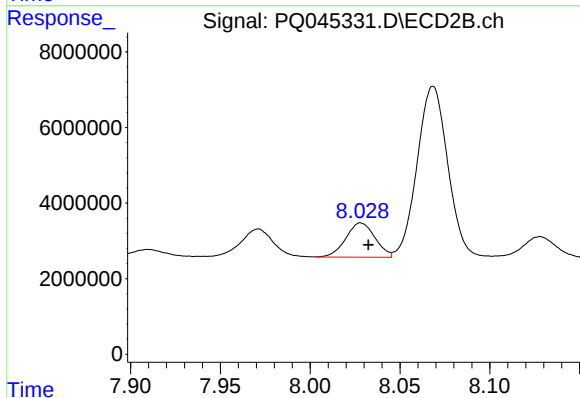
R.T.: 7.541 min
Delta R.T.: -0.006 min
Response: 93497503
Conc: 272.92 ng/ml



#34 AR-1260-4

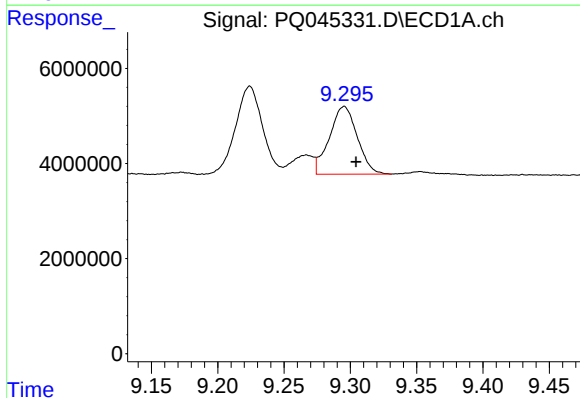
R.T.: 8.954 min
Delta R.T.: -0.018 min
Response: 60702439
Conc: 159.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



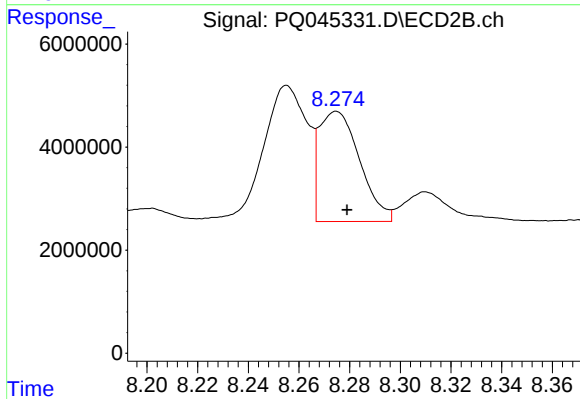
#34 AR-1260-4

R.T.: 8.028 min
Delta R.T.: -0.004 min
Response: 10248656
Conc: 33.42 ng/ml



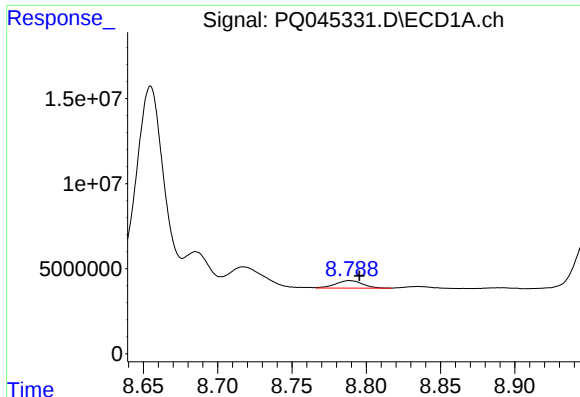
#35 AR-1260-5

R.T.: 9.295 min
Delta R.T.: -0.009 min
Response: 20860892
Conc: 27.10 ng/ml



#35 AR-1260-5

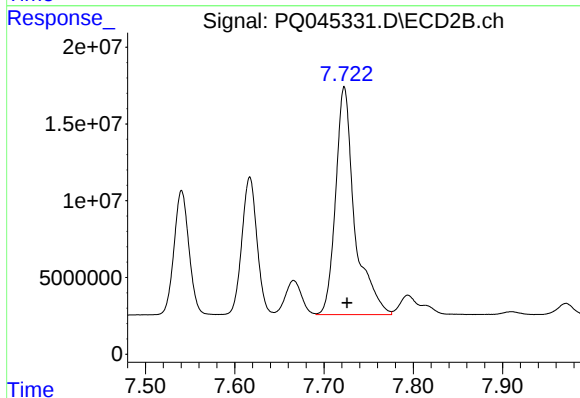
R.T.: 8.275 min
Delta R.T.: -0.004 min
Response: 23786283
Conc: 30.39 ng/ml



#36 AR-1262-1

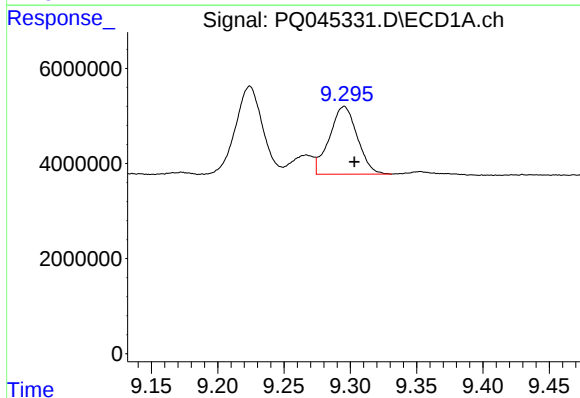
R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 5582846
Conc: 26.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



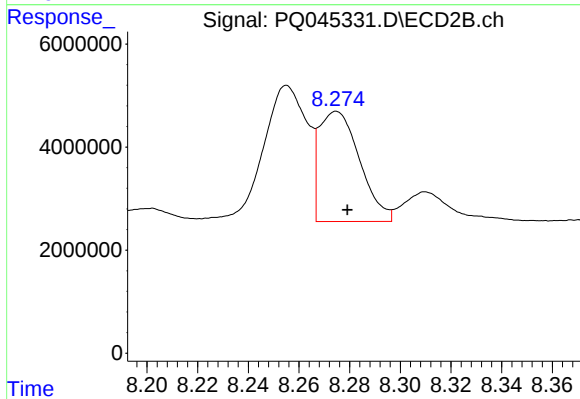
#36 AR-1262-1

R.T.: 7.723 min
Delta R.T.: -0.003 min
Response: 219927459
Conc: 868.96 ng/ml



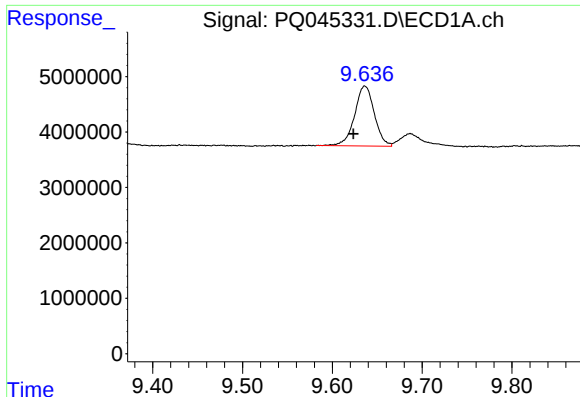
#37 AR-1262-2

R.T.: 9.295 min
Delta R.T.: -0.008 min
Response: 20860892
Conc: 23.10 ng/ml



#37 AR-1262-2

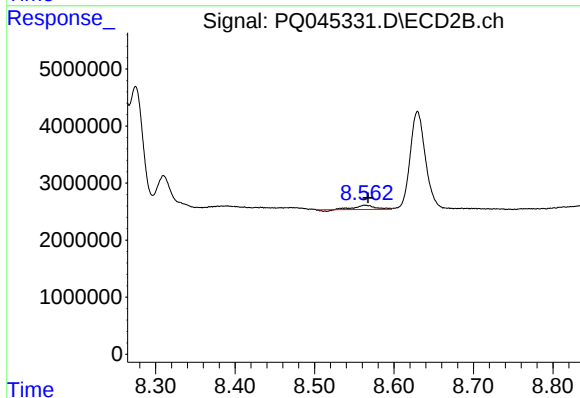
R.T.: 8.275 min
Delta R.T.: -0.004 min
Response: 23786283
Conc: 24.11 ng/ml



#38 AR-1262-3

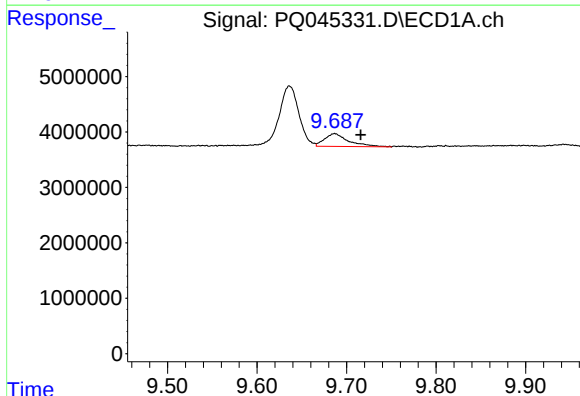
R.T.: 9.636 min
Delta R.T.: 0.013 min
Response: 16511779
Conc: 27.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



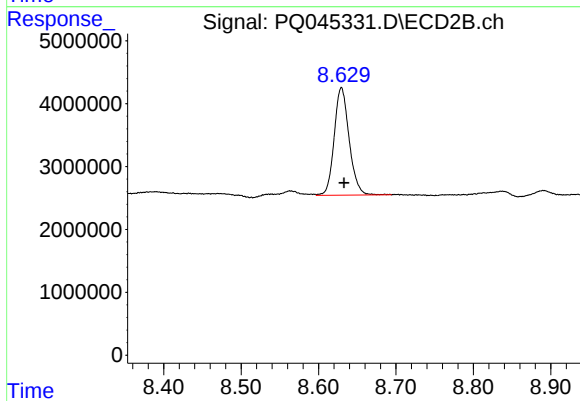
#38 AR-1262-3

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 1295553
Conc: 3.36 ng/ml



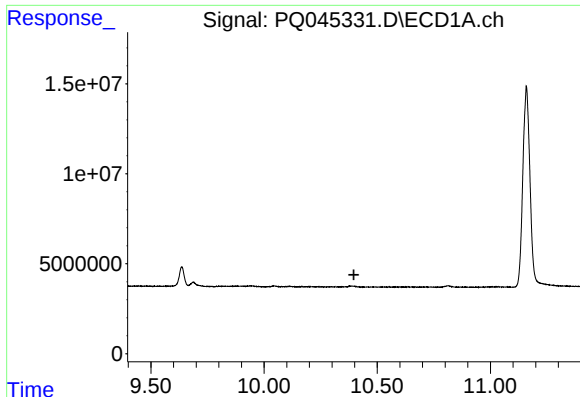
#39 AR-1262-4

R.T.: 9.687 min
Delta R.T.: -0.029 min
Response: 4309485
Conc: 9.49 ng/ml



#39 AR-1262-4

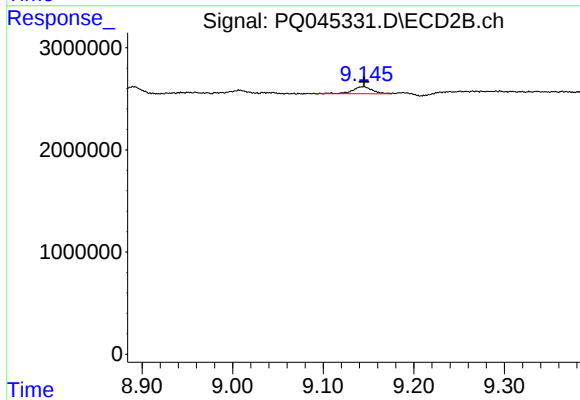
R.T.: 8.630 min
Delta R.T.: -0.003 min
Response: 22997913
Conc: 31.22 ng/ml



#40 AR-1262-5

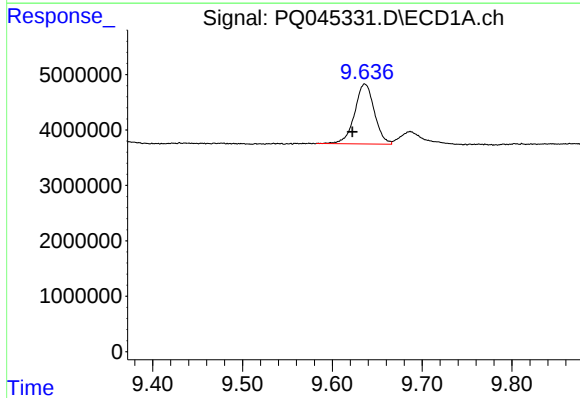
R.T.: 0.000 min
Exp R.T.: 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254331



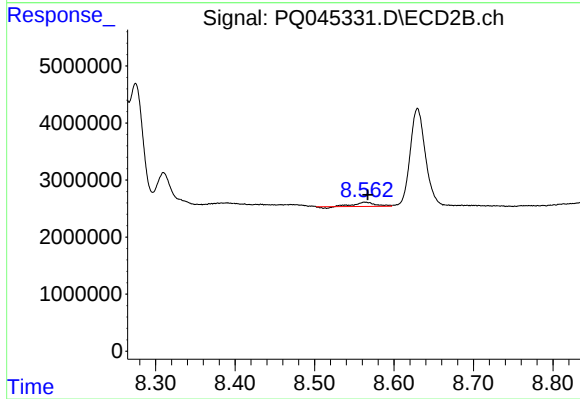
#40 AR-1262-5

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 1022787
Conc: 2.94 ng/ml



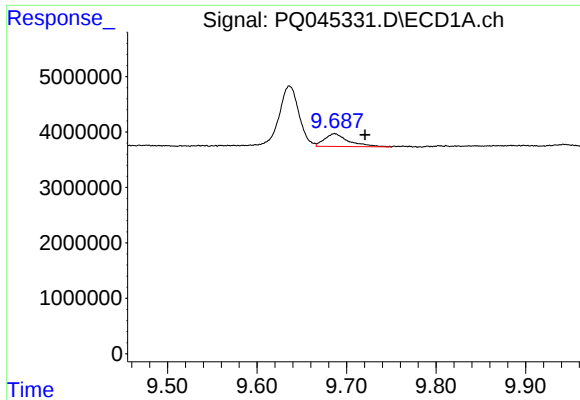
#41 AR-1268-1

R.T.: 9.636 min
Delta R.T.: 0.014 min
Response: 16511779
Conc: 14.79 ng/ml



#41 AR-1268-1

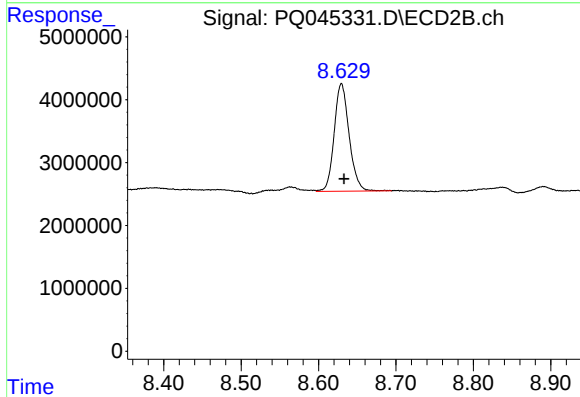
R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 1295553
Conc: 1.08 ng/ml



#42 AR-1268-2

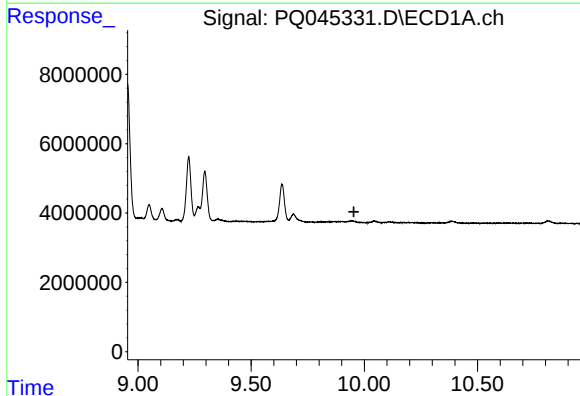
R.T.: 9.687 min
Delta R.T.: -0.034 min
Response: 4309485
Conc: 4.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



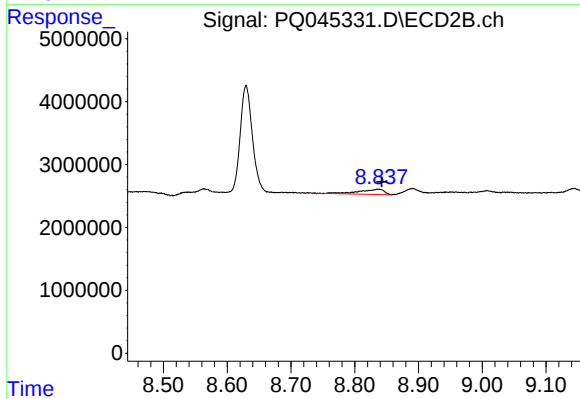
#42 AR-1268-2

R.T.: 8.630 min
Delta R.T.: -0.003 min
Response: 22997913
Conc: 20.65 ng/ml



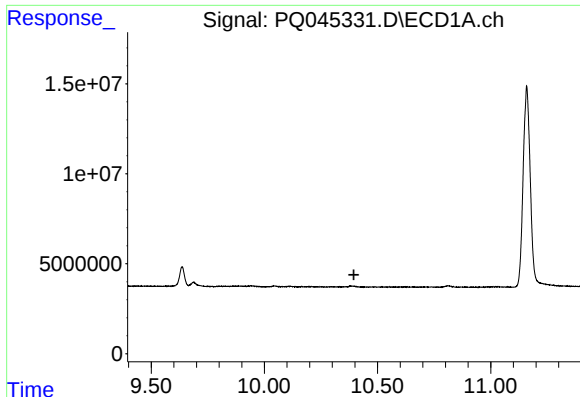
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

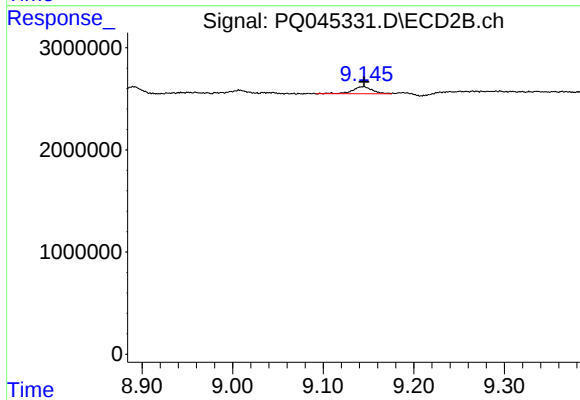
R.T.: 8.837 min
Delta R.T.: -0.006 min
Response: 2275930
Conc: 2.45 ng/ml



#44 AR-1268-4

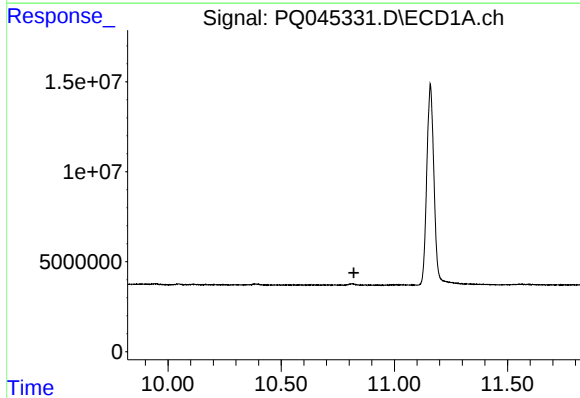
R.T.: 0.000 min
Exp R.T.: 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254331



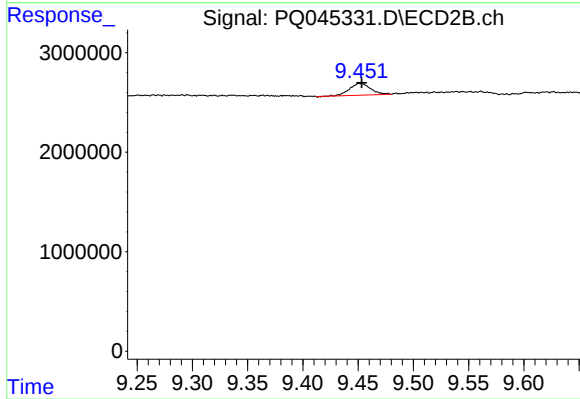
#44 AR-1268-4

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 1022787
Conc: 2.54 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.821 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 1544532
Conc: 0.51 ng/ml