

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
 Data File : PQ040151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2019 21:51
 Operator : SM\AJ
 Sample : K3020-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETML8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 00:32:13 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...	5.606	4.739	88440605	54375702	26.997	25.317
2)	SA Decachlor...	11.921	10.461	254.0E6	123.9E6	35.556	29.797
Target Compounds							
3)	L1 AR-1016-1	7.054	6.206	5136714	10390255	30.705	80.998 #
4)	L1 AR-1016-2	7.079	6.206	7462832	10390255	28.386	53.832 #
5)	L1 AR-1016-3	7.225	6.419	2261184	3164183	13.248	29.339 #
6)	L1 AR-1016-4	7.225	6.474	2261184	5691648	16.359	66.843 #
7)	L1 AR-1016-5	7.541	6.726	22570537	4754789	162.700	41.296 #
8)	L2 AR-1221-1	0.000	5.037	0	1243354	N.D.	50.735 #
9)	L2 AR-1221-2	0.000	5.156	0	4185550	N.D.	256.976 #
10)	L2 AR-1221-3	0.000	5.262	0	1373636	N.D.	22.590 #
11)	L3 AR-1232-1	0.000	5.262	0	1373636	N.D.	29.977 #
12)	L3 AR-1232-2	0.000	6.206	0	10390255	N.D.	173.210 #
13)	L3 AR-1232-3	7.079	6.419	7462832	3164183	92.348	89.974
14)	L3 AR-1232-4	7.225	6.523	2261184	6525313	54.097	220.836 #
15)	L3 AR-1232-5	7.365	6.726	11687259	4754789	368.771	157.943 #
16)	L4 AR-1242-1	7.054	6.206	5136714	10390255	52.980	140.507 #
17)	L4 AR-1242-2	7.079	6.206	7462832	10390255	51.639	97.598 #
18)	L4 AR-1242-3	7.225	6.419	2261184	3164183	24.290	52.453 #
19)	L4 AR-1242-4	7.225	6.523	2261184	6525313	30.065	109.484 #
20)	L4 AR-1242-5	8.083	7.133	7047617	16356278	81.293	202.961 #
21)	L5 AR-1248-1	7.054	6.206	5136714	10390255	66.364	180.313 #
22)	L5 AR-1248-2	7.365	6.474	11687259	5691648	103.765	64.737 #
23)	L5 AR-1248-3	7.541	6.523	22570537	6525313	163.523	72.116 #
24)	L5 AR-1248-4	8.042	6.726	32041639	4754789	212.239	43.057 #
25)	L5 AR-1248-5	8.083	7.181	7047617	7996429	46.810	70.431 #
26)	L6 AR-1254-1	8.015	7.133	9034584	16356278	51.806	85.395 #
27)	L6 AR-1254-2	8.253	7.302	19660554	7294267	71.091	41.986 #
28)	L6 AR-1254-3	8.644	7.748	17992989	14611969	60.626	50.564
29)	L6 AR-1254-4	8.944	7.998	8333456	5205242	40.098	29.153 #
30)	L6 AR-1254-5	9.383	8.441	9089309	7001120	31.561	27.175
31)	L7 AR-1260-1	8.811	7.885	9179682	7695501	27.616	28.072
32)	L7 AR-1260-2	9.082	8.093	6745249	4855557	16.698	14.037
33)	L7 AR-1260-3	0.000	8.255	0	2858448	N.D.	8.913 #
34)	L7 AR-1260-4	0.000	8.750	0	1905015	N.D.	7.011 #
35)	L7 AR-1260-5	0.000	9.005	0	5262991	N.D.	7.830 #
36)	L8 AR-1262-1	0.000	8.535	0	2085099	N.D.	18.363 #
37)	L8 AR-1262-2	0.000	9.005	0	5262991	N.D.	10.608 #
38)	L8 AR-1262-3	0.000	9.294	0	2030502	N.D.	9.657 #
39)	L8 AR-1262-4	0.000	9.363	0	4075947	N.D.	10.765 #
40)	L8 AR-1262-5	0.000	9.885	0	1994046	N.D.	12.299 #
41)	L9 AR-1268-1	0.000	9.294	0	2030502	N.D.	4.450 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
 Data File : PQ040151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2019 21:51
 Operator : SM\AJ
 Sample : K3020-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

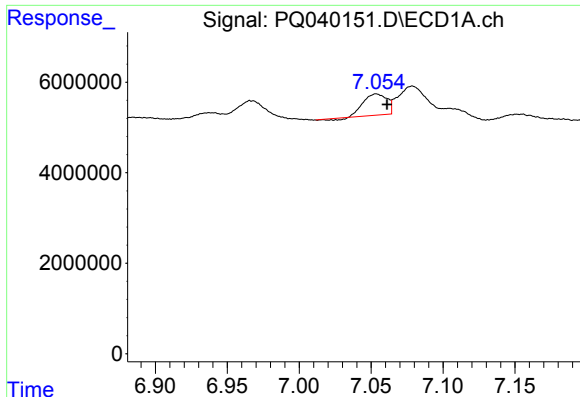
Instrument :
 ECD_Q
 ClientSampleId :
 ETML8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 00:32:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
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 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
42) L9	AR-1268-2	0.000	9.363	0	4075947	N.D.	9.323 #
43) L9	AR-1268-3	10.693	9.571	9664780	5847916	17.793	15.577
44) L9	AR-1268-4	0.000	9.885	0	1994046	N.D.	14.472 #
45) L9	AR-1268-5	11.577	10.193	25265127	12911895	13.673	10.940

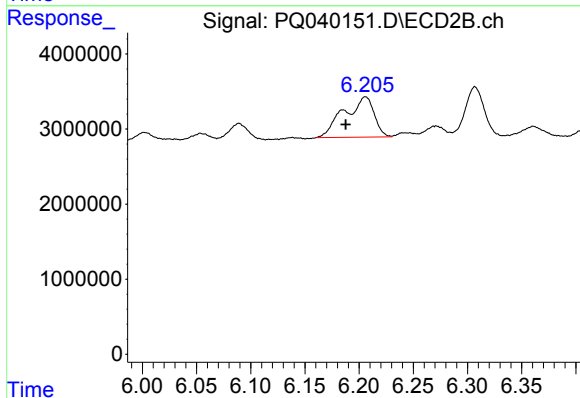
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

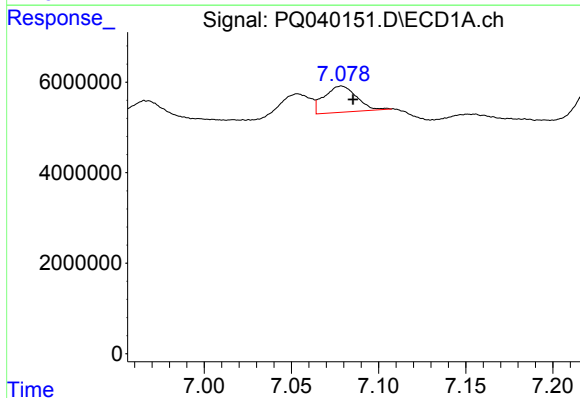
R.T.: 7.054 min
Delta R.T.: -0.008 min
Response: 5136714
Conc: 30.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



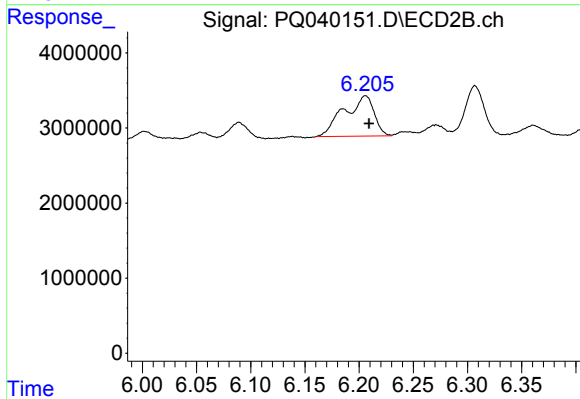
#3 AR-1016-1

R.T.: 6.206 min
Delta R.T.: 0.018 min
Response: 10390255
Conc: 81.00 ng/ml



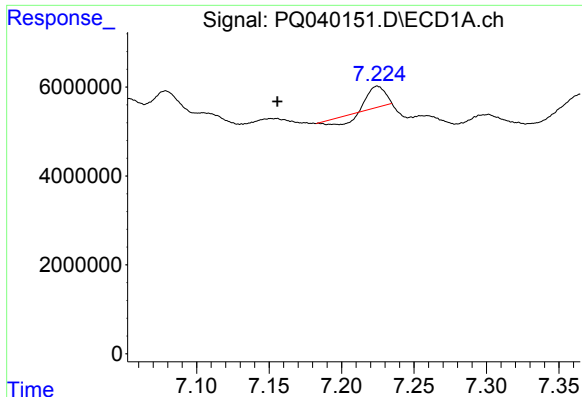
#4 AR-1016-2

R.T.: 7.079 min
Delta R.T.: -0.007 min
Response: 7462832
Conc: 28.39 ng/ml



#4 AR-1016-2

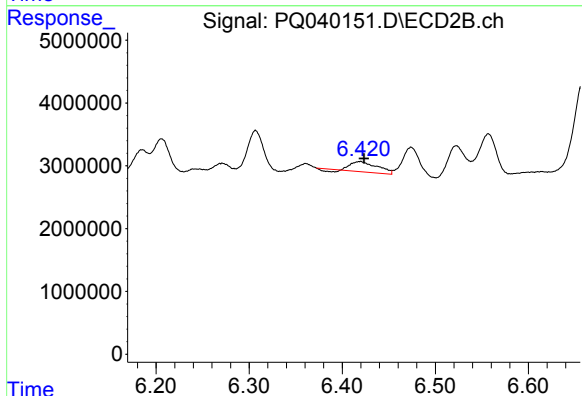
R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 10390255
Conc: 53.83 ng/ml



#5 AR-1016-3

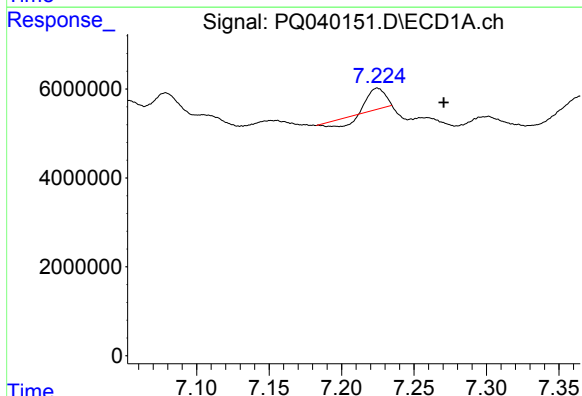
R.T.: 7.225 min
Delta R.T.: 0.069 min
Response: 2261184
Conc: 13.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



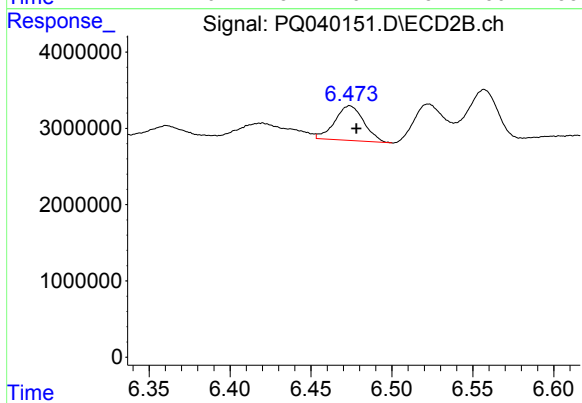
#5 AR-1016-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 3164183
Conc: 29.34 ng/ml



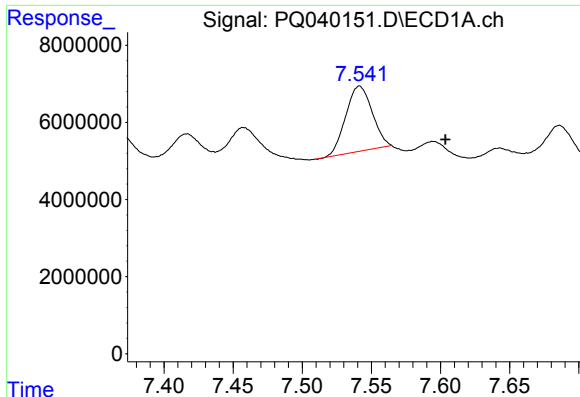
#6 AR-1016-4

R.T.: 7.225 min
Delta R.T.: -0.046 min
Response: 2261184
Conc: 16.36 ng/ml



#6 AR-1016-4

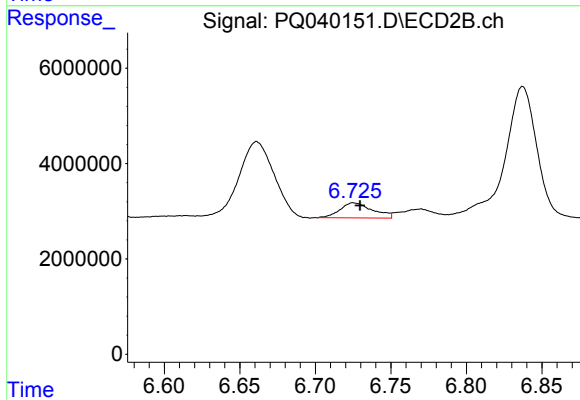
R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 5691648
Conc: 66.84 ng/ml



#7 AR-1016-5

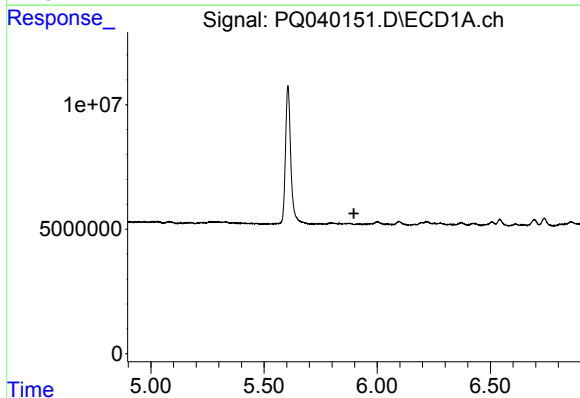
R.T.: 7.541 min
Delta R.T.: -0.062 min
Response: 22570537
Conc: 162.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



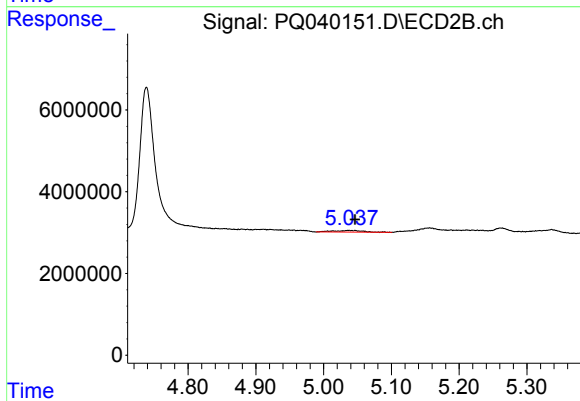
#7 AR-1016-5

R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 4754789
Conc: 41.30 ng/ml



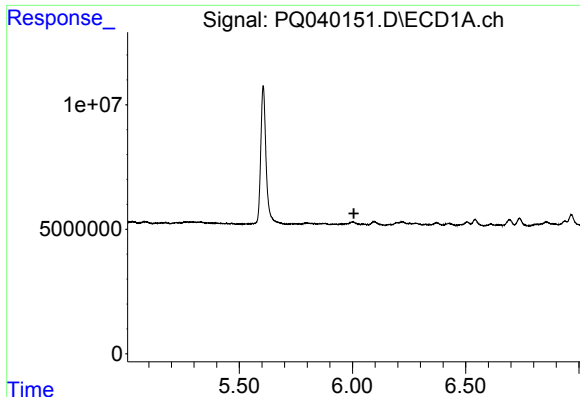
#8 AR-1221-1

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



#8 AR-1221-1

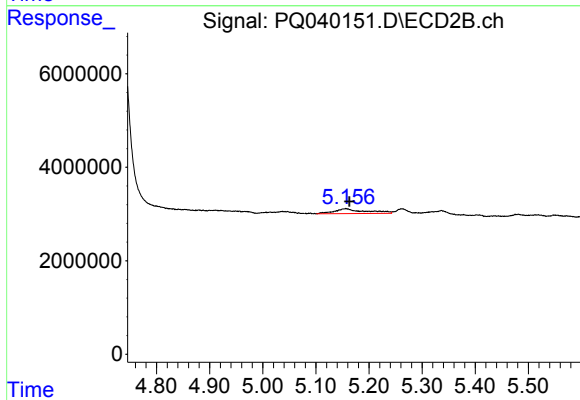
R.T.: 5.037 min
Delta R.T.: -0.009 min
Response: 1243354
Conc: 50.74 ng/ml



#9 AR-1221-2

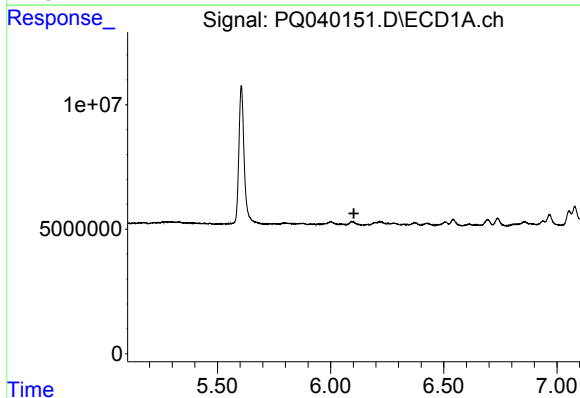
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML8



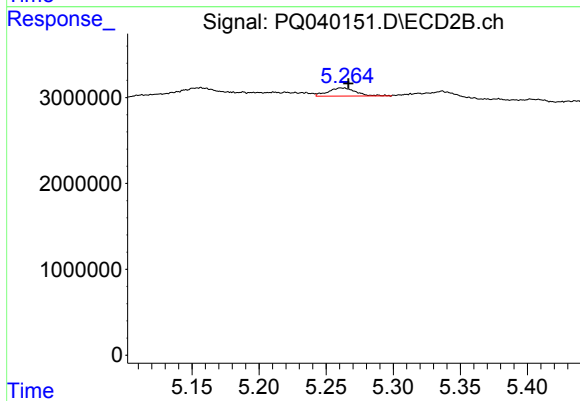
#9 AR-1221-2

R.T.: 5.156 min
Delta R.T.: -0.007 min
Response: 4185550
Conc: 256.98 ng/ml



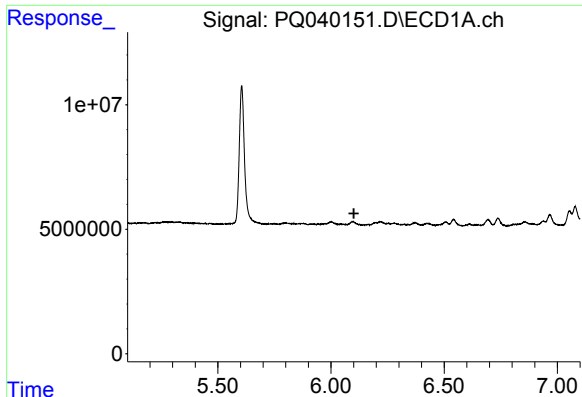
#10 AR-1221-3

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



#10 AR-1221-3

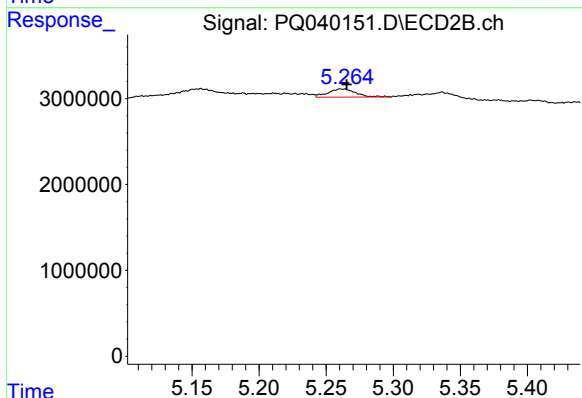
R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 1373636
Conc: 22.59 ng/ml



#11 AR-1232-1

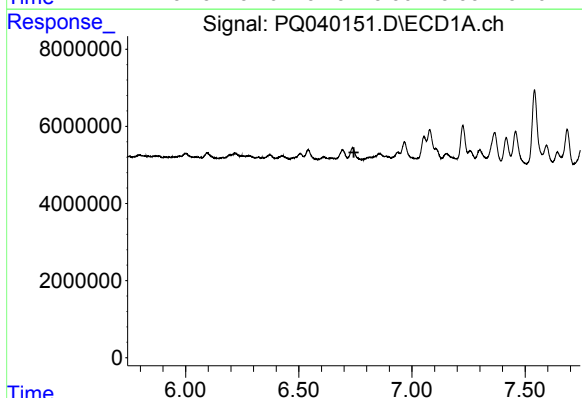
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML8



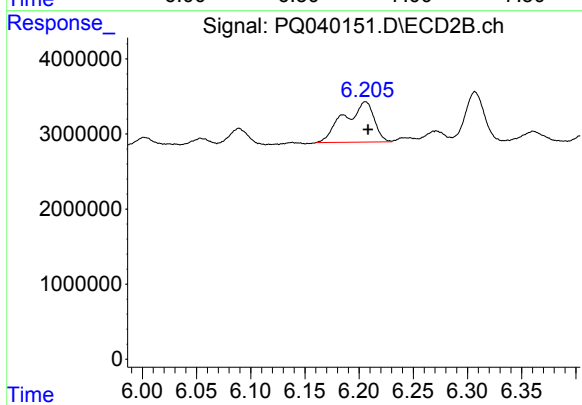
#11 AR-1232-1

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 1373636
Conc: 29.98 ng/ml



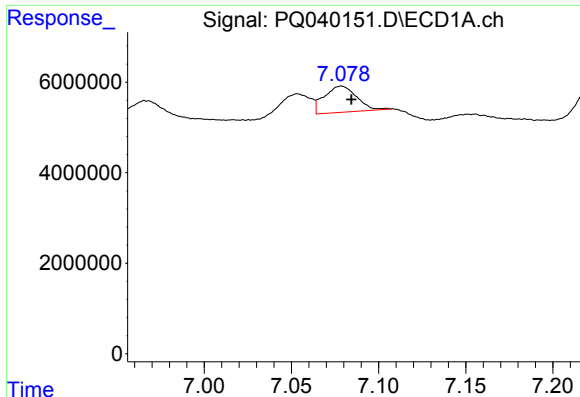
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

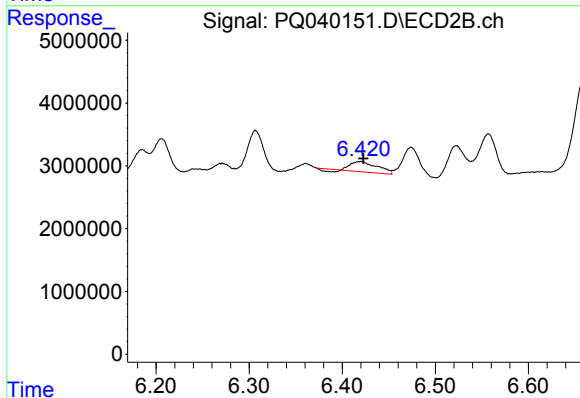
R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 10390255
Conc: 173.21 ng/ml



#13 AR-1232-3

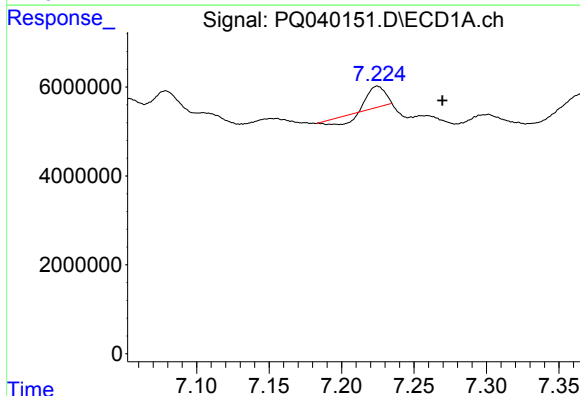
R.T.: 7.079 min
Delta R.T.: -0.006 min
Response: 7462832
Conc: 92.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



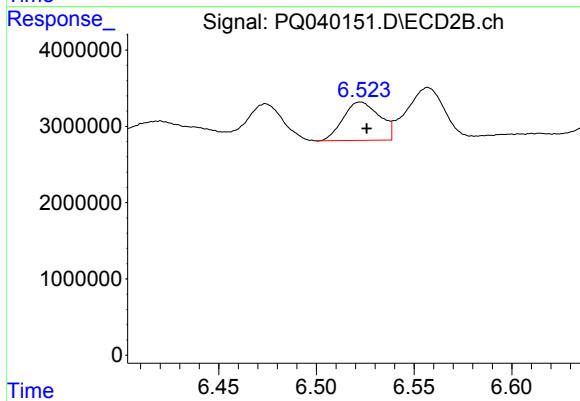
#13 AR-1232-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 3164183
Conc: 89.97 ng/ml



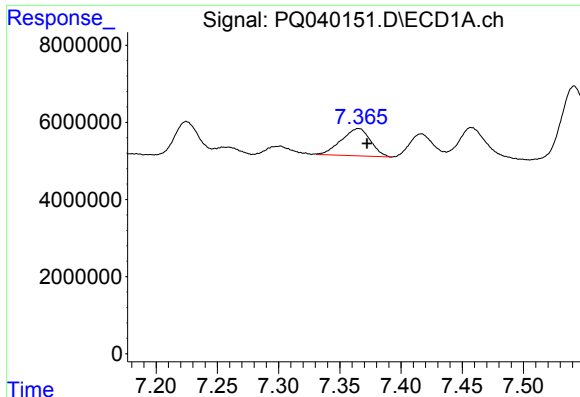
#14 AR-1232-4

R.T.: 7.225 min
Delta R.T.: -0.045 min
Response: 2261184
Conc: 54.10 ng/ml



#14 AR-1232-4

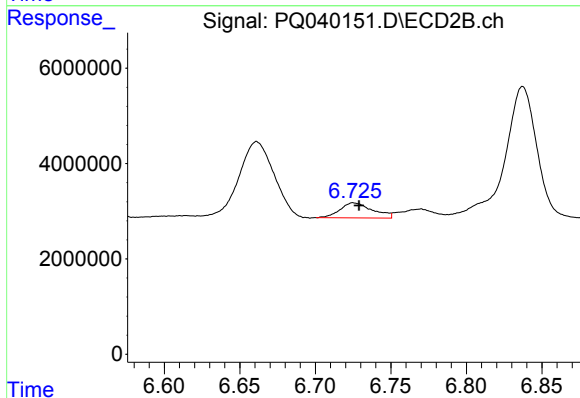
R.T.: 6.523 min
Delta R.T.: -0.003 min
Response: 6525313
Conc: 220.84 ng/ml



#15 AR-1232-5

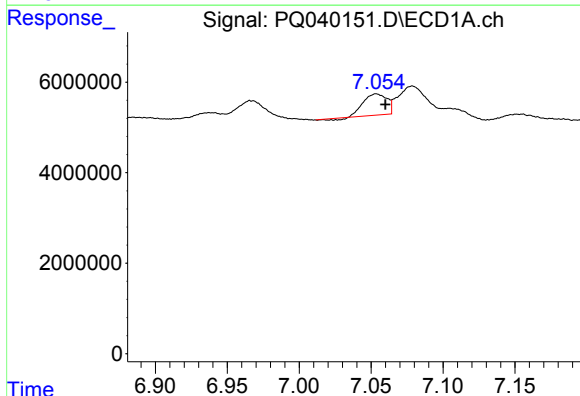
R.T.: 7.365 min
Delta R.T.: -0.007 min
Response: 11687259
Conc: 368.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



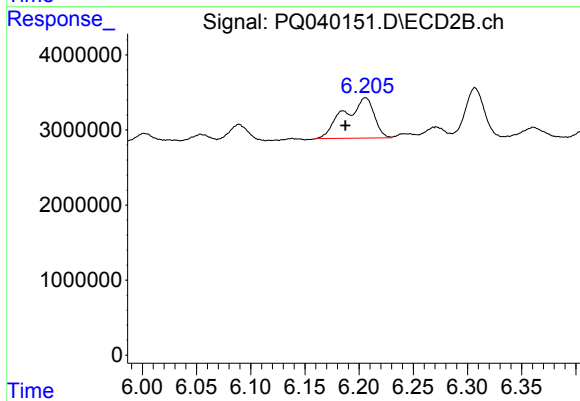
#15 AR-1232-5

R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 4754789
Conc: 157.94 ng/ml



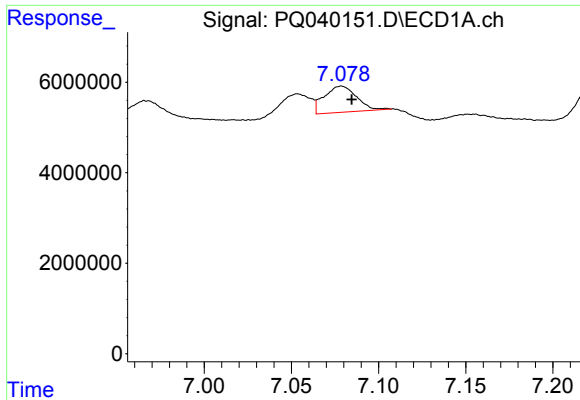
#16 AR-1242-1

R.T.: 7.054 min
Delta R.T.: -0.006 min
Response: 5136714
Conc: 52.98 ng/ml



#16 AR-1242-1

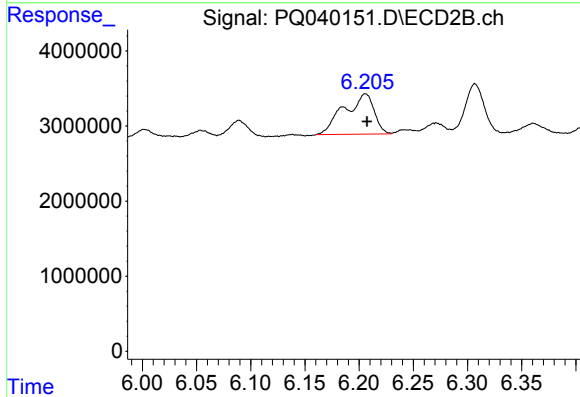
R.T.: 6.206 min
Delta R.T.: 0.018 min
Response: 10390255
Conc: 140.51 ng/ml



#17 AR-1242-2

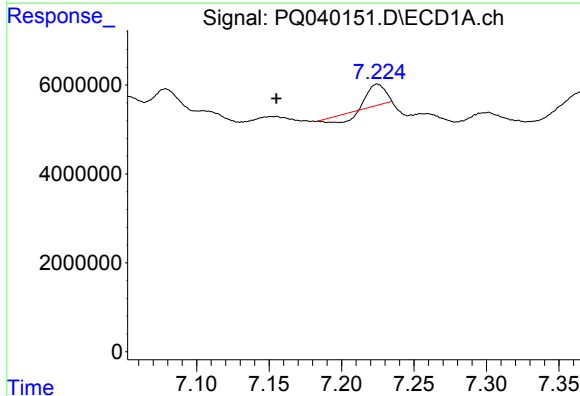
R.T.: 7.079 min
Delta R.T.: -0.006 min
Response: 7462832
Conc: 51.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



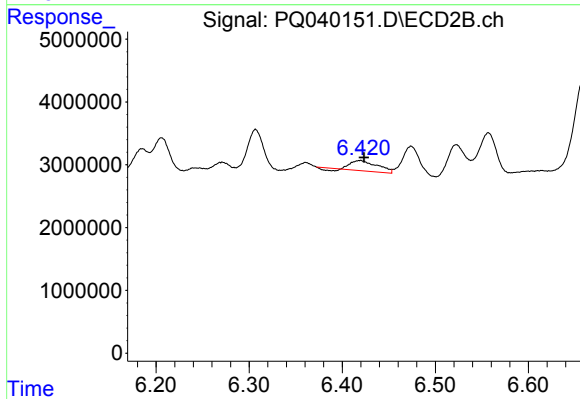
#17 AR-1242-2

R.T.: 6.206 min
Delta R.T.: -0.002 min
Response: 10390255
Conc: 97.60 ng/ml



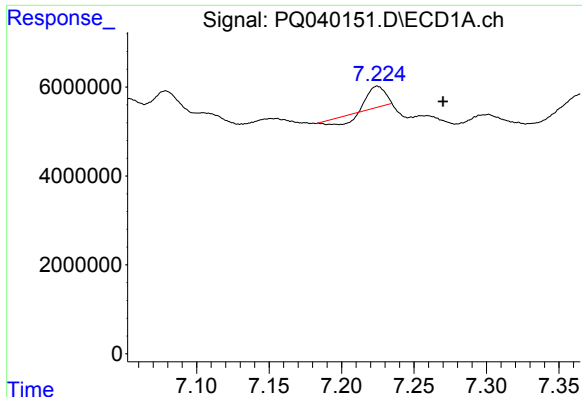
#18 AR-1242-3

R.T.: 7.225 min
Delta R.T.: 0.070 min
Response: 2261184
Conc: 24.29 ng/ml



#18 AR-1242-3

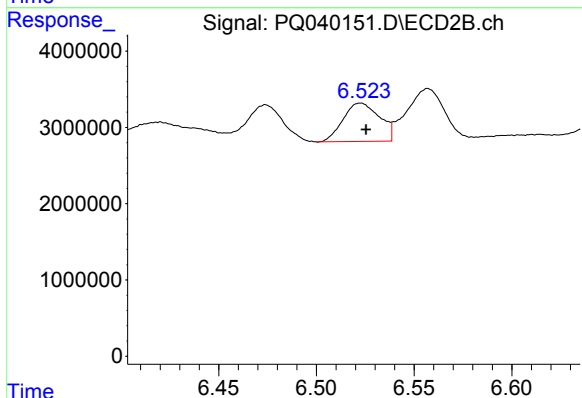
R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 3164183
Conc: 52.45 ng/ml



#19 AR-1242-4

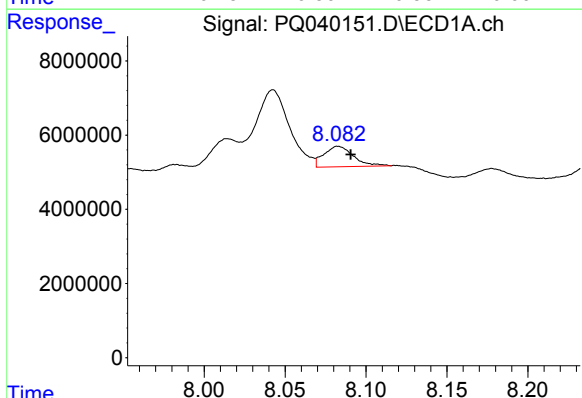
R.T.: 7.225 min
Delta R.T.: -0.045 min
Response: 2261184
Conc: 30.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



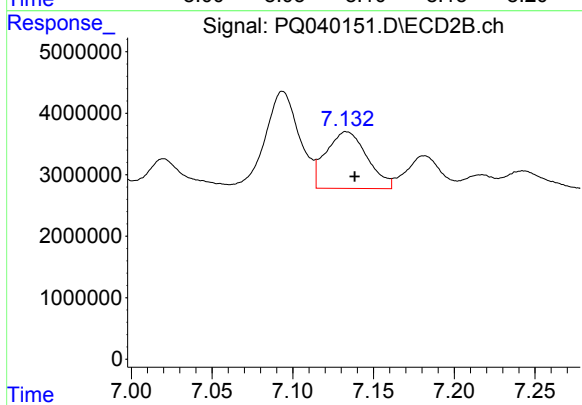
#19 AR-1242-4

R.T.: 6.523 min
Delta R.T.: -0.003 min
Response: 6525313
Conc: 109.48 ng/ml



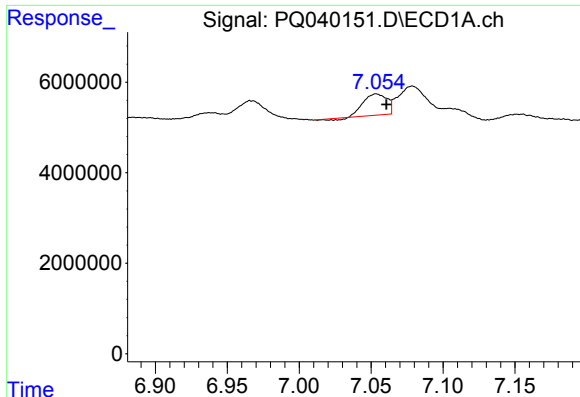
#20 AR-1242-5

R.T.: 8.083 min
Delta R.T.: -0.008 min
Response: 7047617
Conc: 81.29 ng/ml



#20 AR-1242-5

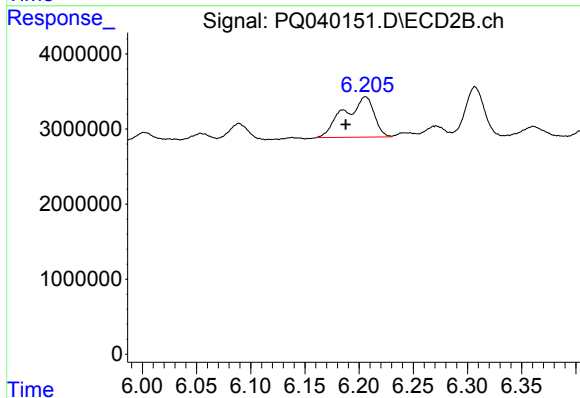
R.T.: 7.133 min
Delta R.T.: -0.005 min
Response: 16356278
Conc: 202.96 ng/ml



#21 AR-1248-1

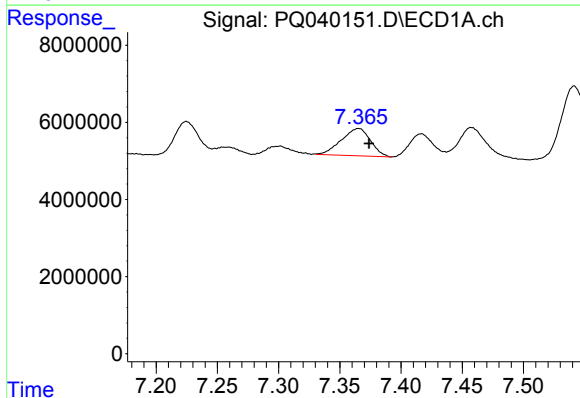
R.T.: 7.054 min
Delta R.T.: -0.007 min
Response: 5136714
Conc: 66.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



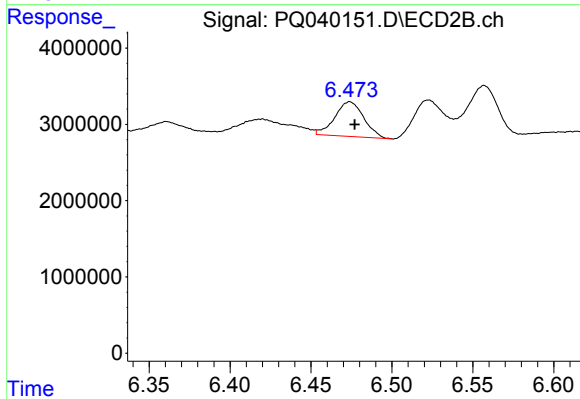
#21 AR-1248-1

R.T.: 6.206 min
Delta R.T.: 0.018 min
Response: 10390255
Conc: 180.31 ng/ml



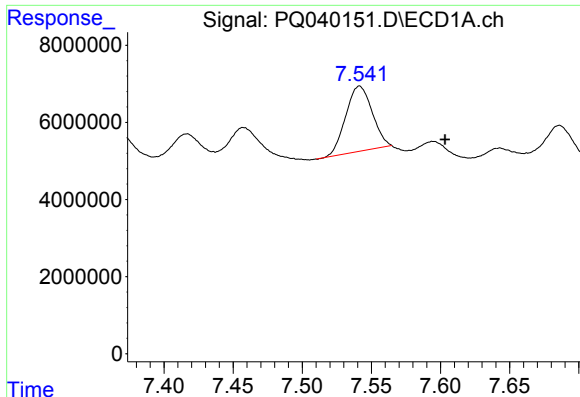
#22 AR-1248-2

R.T.: 7.365 min
Delta R.T.: -0.008 min
Response: 11687259
Conc: 103.76 ng/ml



#22 AR-1248-2

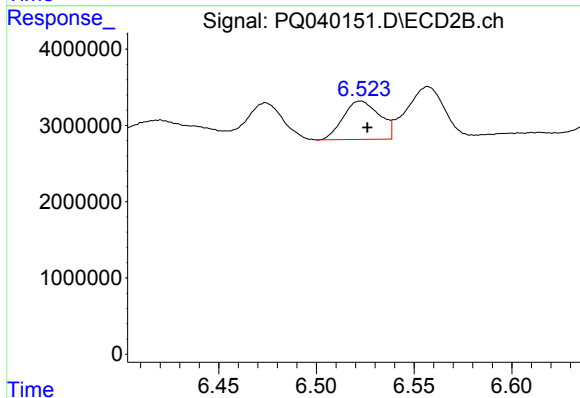
R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 5691648
Conc: 64.74 ng/ml



#23 AR-1248-3

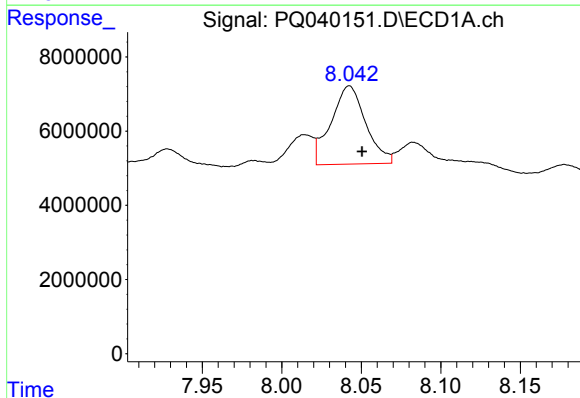
R.T.: 7.541 min
Delta R.T.: -0.062 min
Response: 22570537
Conc: 163.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



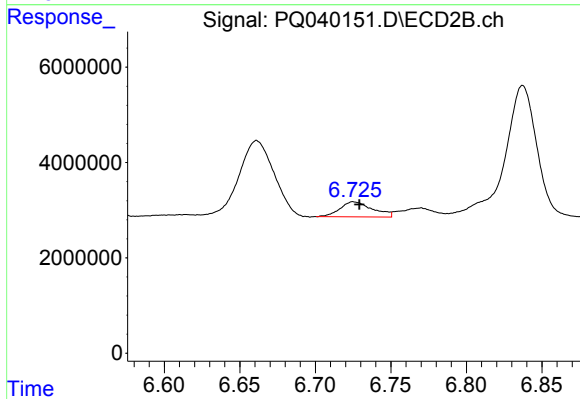
#23 AR-1248-3

R.T.: 6.523 min
Delta R.T.: -0.003 min
Response: 6525313
Conc: 72.12 ng/ml



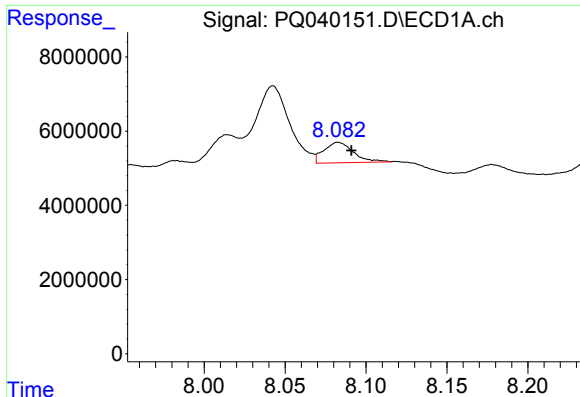
#24 AR-1248-4

R.T.: 8.042 min
Delta R.T.: -0.008 min
Response: 32041639
Conc: 212.24 ng/ml



#24 AR-1248-4

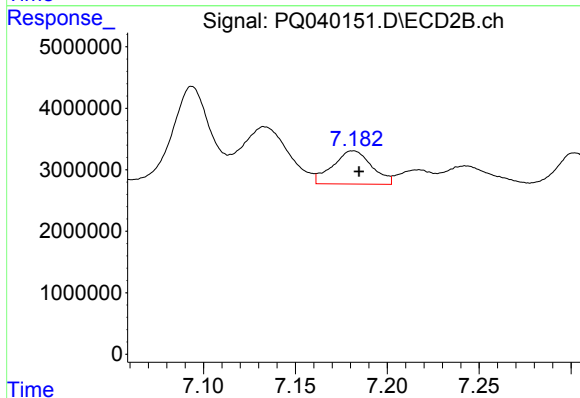
R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 4754789
Conc: 43.06 ng/ml



#25 AR-1248-5

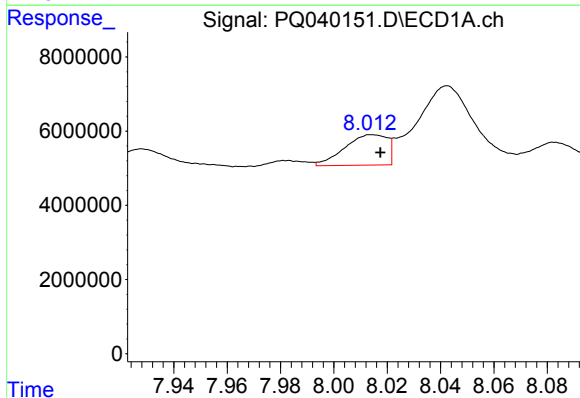
R.T.: 8.083 min
Delta R.T.: -0.008 min
Response: 7047617
Conc: 46.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



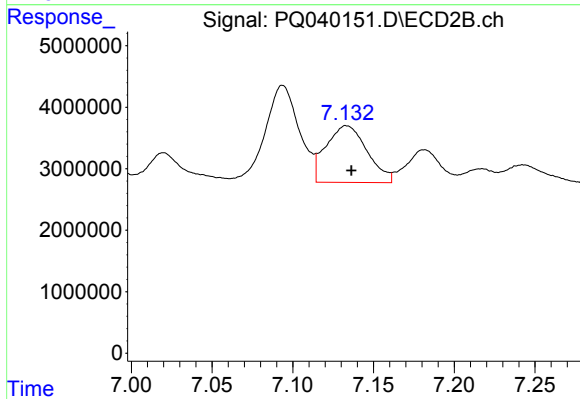
#25 AR-1248-5

R.T.: 7.181 min
Delta R.T.: -0.003 min
Response: 7996429
Conc: 70.43 ng/ml



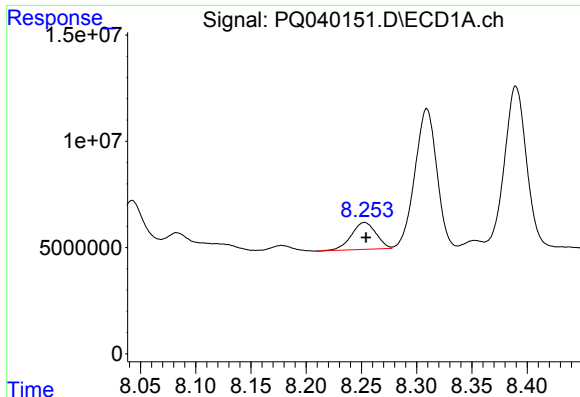
#26 AR-1254-1

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 9034584
Conc: 51.81 ng/ml



#26 AR-1254-1

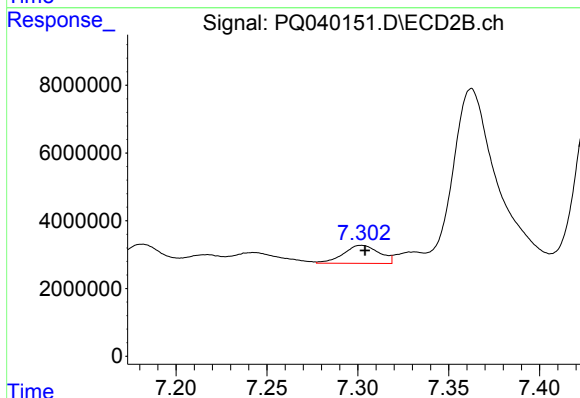
R.T.: 7.133 min
Delta R.T.: -0.003 min
Response: 16356278
Conc: 85.40 ng/ml



#27 AR-1254-2

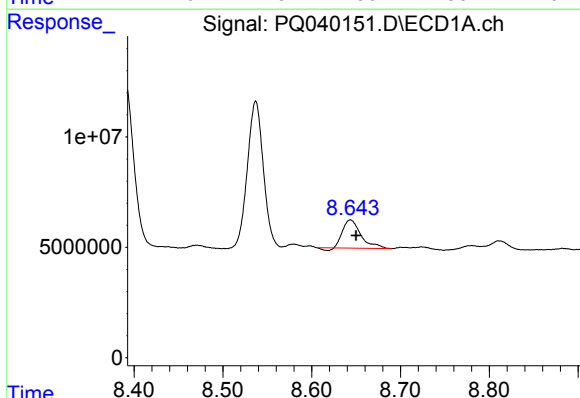
R.T.: 8.253 min
Delta R.T.: -0.002 min
Response: 19660554
Conc: 71.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



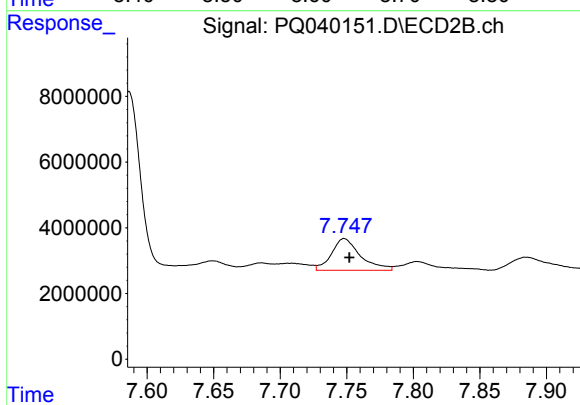
#27 AR-1254-2

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 7294267
Conc: 41.99 ng/ml



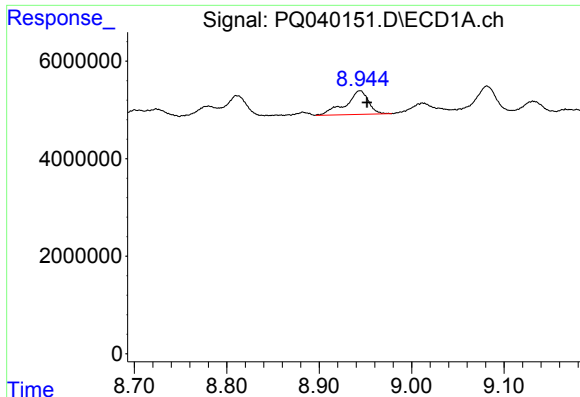
#28 AR-1254-3

R.T.: 8.644 min
Delta R.T.: -0.006 min
Response: 17992989
Conc: 60.63 ng/ml



#28 AR-1254-3

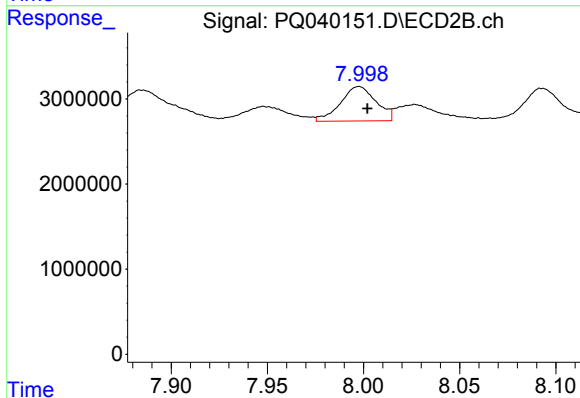
R.T.: 7.748 min
Delta R.T.: -0.004 min
Response: 14611969
Conc: 50.56 ng/ml



#29 AR-1254-4

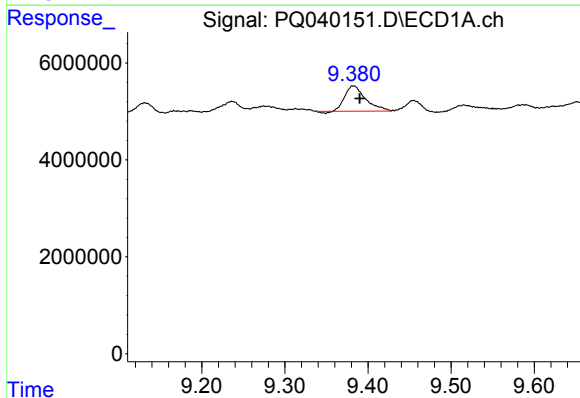
R.T.: 8.944 min
Delta R.T.: -0.008 min
Response: 8333456
Conc: 40.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



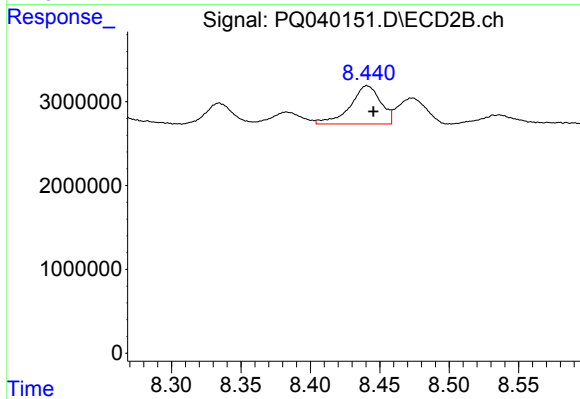
#29 AR-1254-4

R.T.: 7.998 min
Delta R.T.: -0.004 min
Response: 5205242
Conc: 29.15 ng/ml



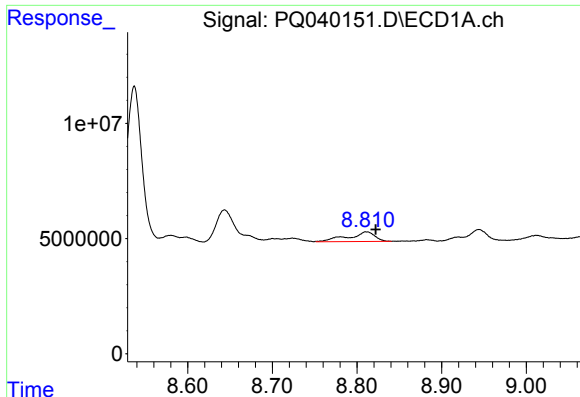
#30 AR-1254-5

R.T.: 9.383 min
Delta R.T.: -0.008 min
Response: 9089309
Conc: 31.56 ng/ml



#30 AR-1254-5

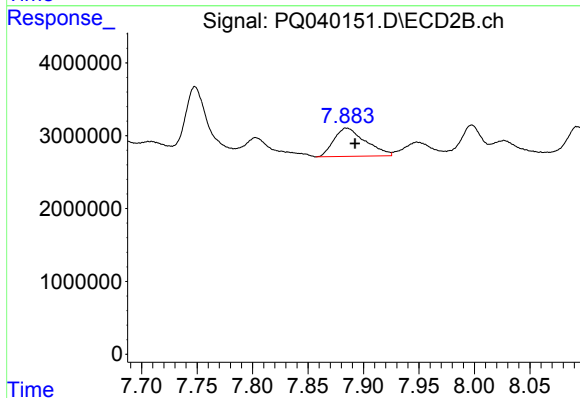
R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 7001120
Conc: 27.18 ng/ml



#31 AR-1260-1

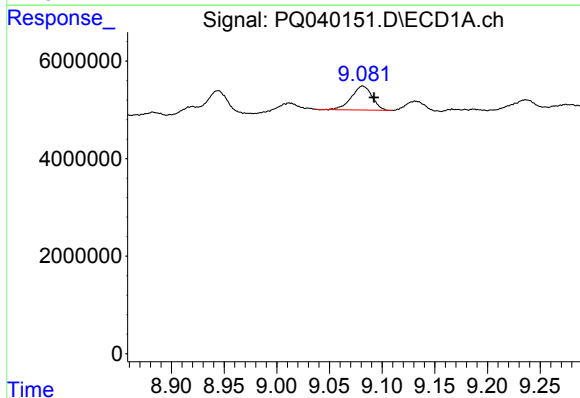
R.T.: 8.811 min
Delta R.T.: -0.011 min
Response: 9179682
Conc: 27.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



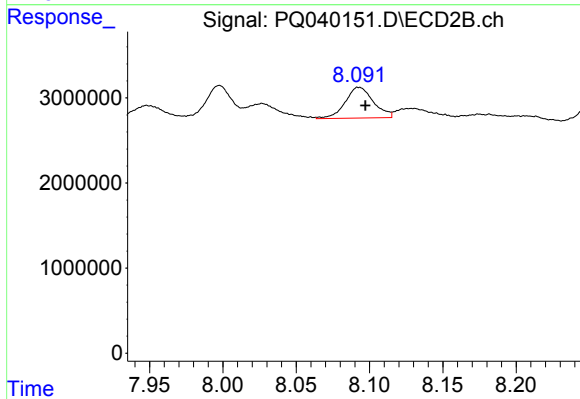
#31 AR-1260-1

R.T.: 7.885 min
Delta R.T.: -0.007 min
Response: 7695501
Conc: 28.07 ng/ml



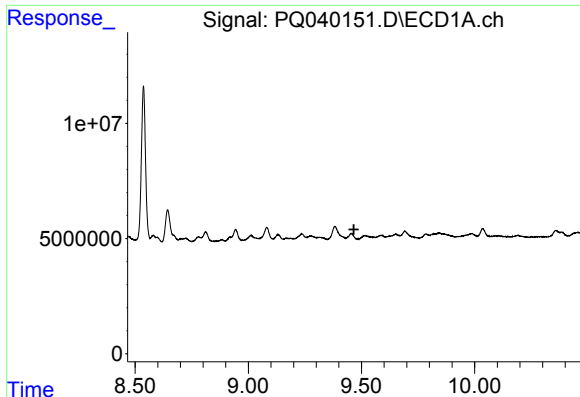
#32 AR-1260-2

R.T.: 9.082 min
Delta R.T.: -0.011 min
Response: 6745249
Conc: 16.70 ng/ml



#32 AR-1260-2

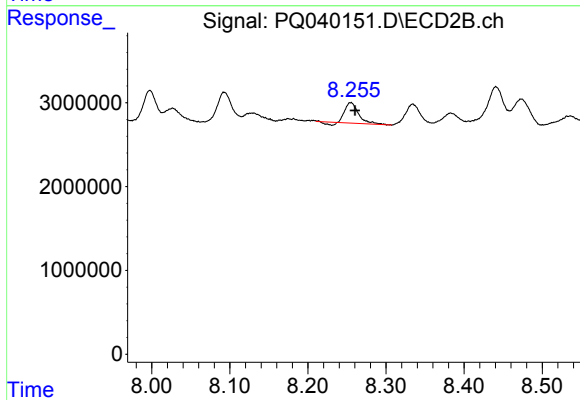
R.T.: 8.093 min
Delta R.T.: -0.004 min
Response: 4855557
Conc: 14.04 ng/ml



#33 AR-1260-3

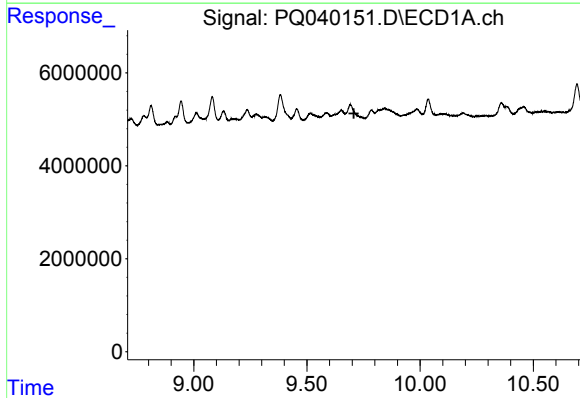
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML8



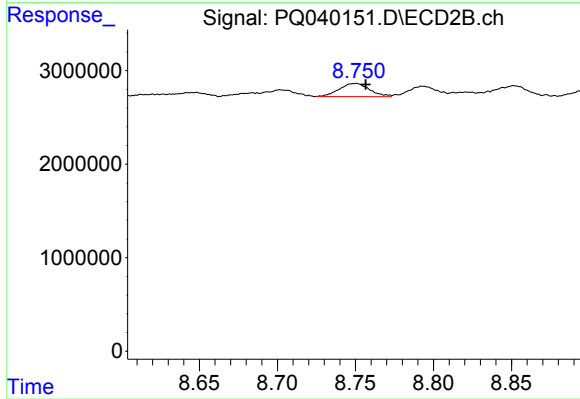
#33 AR-1260-3

R.T.: 8.255 min
Delta R.T.: -0.006 min
Response: 2858448
Conc: 8.91 ng/ml



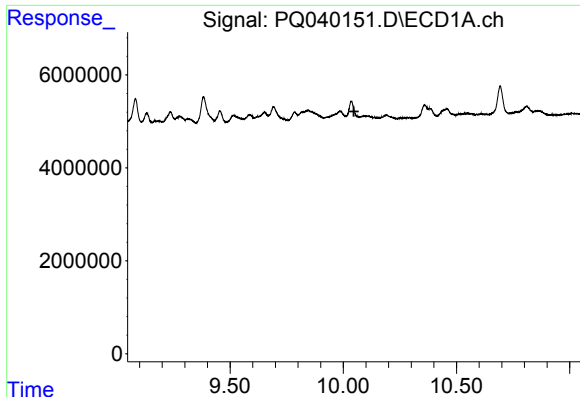
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

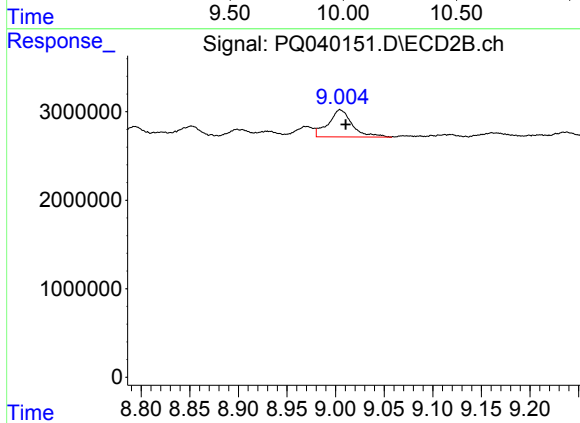
R.T.: 8.750 min
Delta R.T.: -0.007 min
Response: 1905015
Conc: 7.01 ng/ml



#35 AR-1260-5

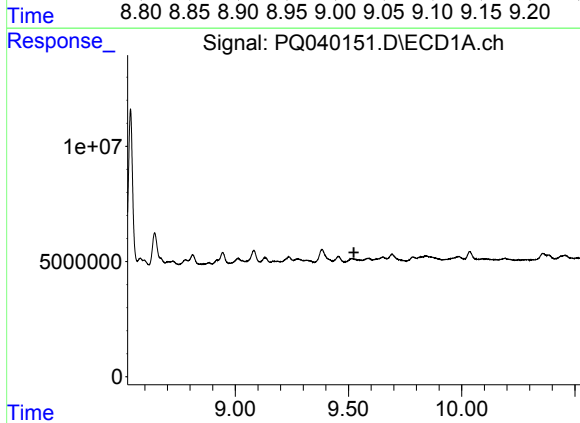
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML8



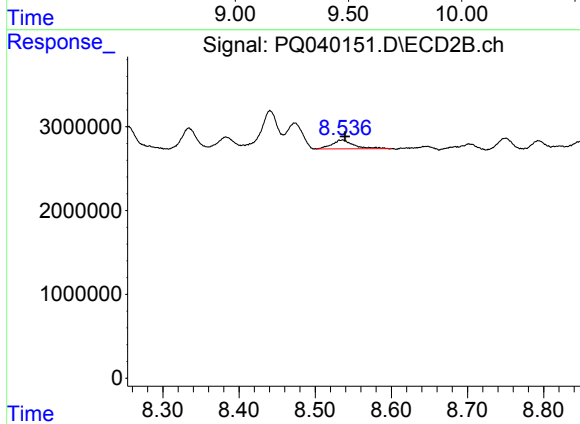
#35 AR-1260-5

R.T.: 9.005 min
Delta R.T.: -0.005 min
Response: 5262991
Conc: 7.83 ng/ml



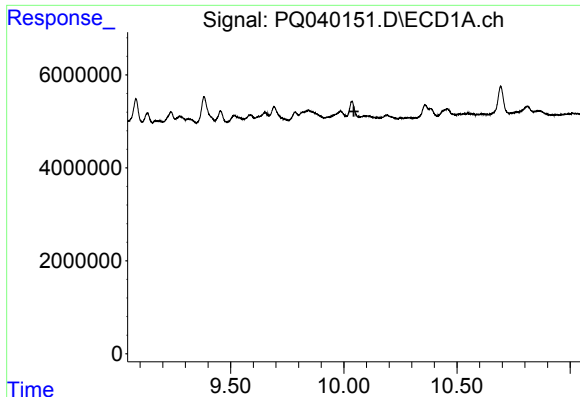
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

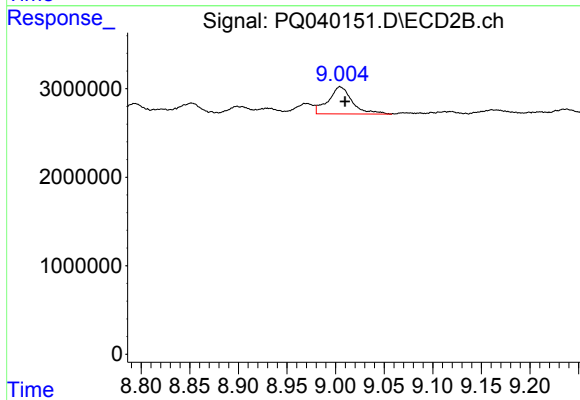
R.T.: 8.535 min
Delta R.T.: -0.004 min
Response: 2085099
Conc: 18.36 ng/ml



#37 AR-1262-2

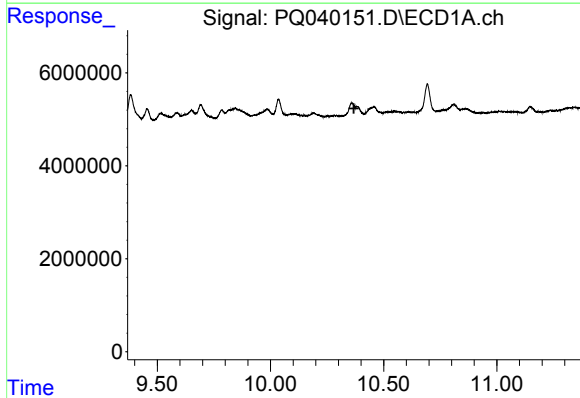
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML8



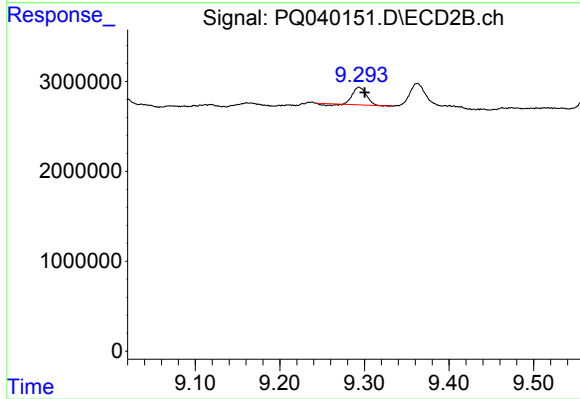
#37 AR-1262-2

R.T.: 9.005 min
Delta R.T.: -0.005 min
Response: 5262991
Conc: 10.61 ng/ml



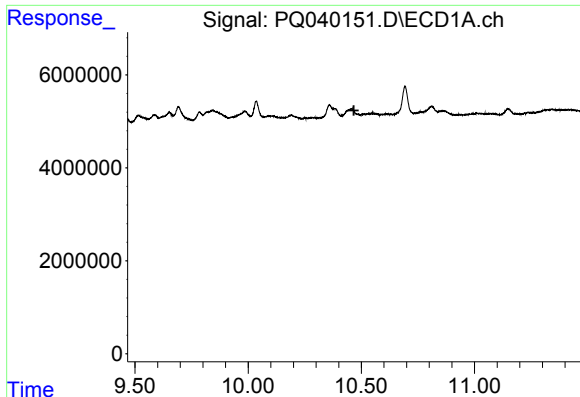
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

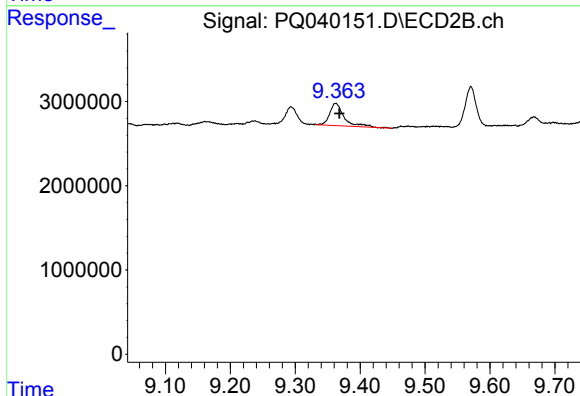
R.T.: 9.294 min
Delta R.T.: -0.006 min
Response: 2030502
Conc: 9.66 ng/ml



#39 AR-1262-4

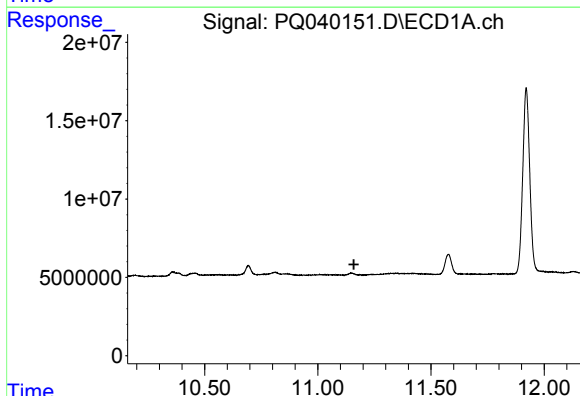
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML8



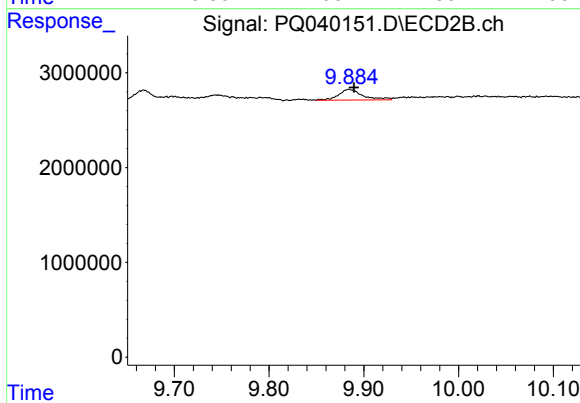
#39 AR-1262-4

R.T.: 9.363 min
Delta R.T.: -0.006 min
Response: 4075947
Conc: 10.77 ng/ml



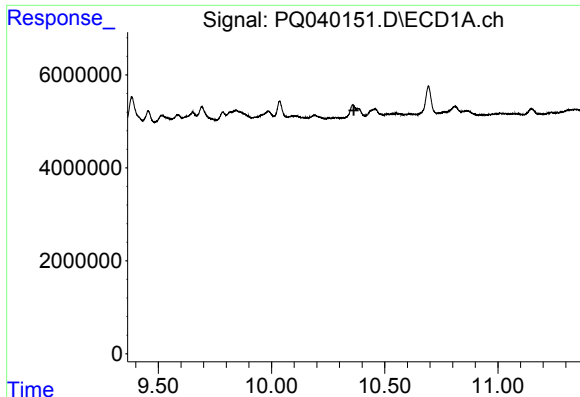
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

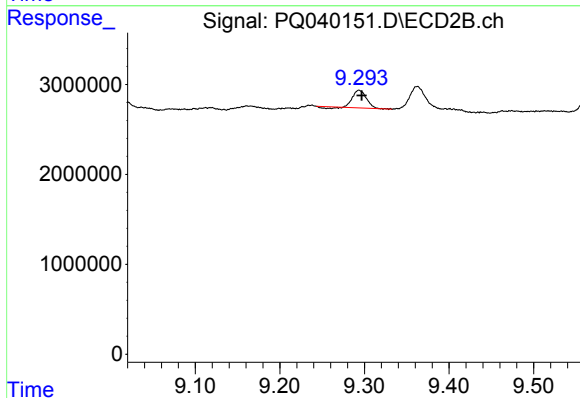
R.T.: 9.885 min
Delta R.T.: -0.005 min
Response: 1994046
Conc: 12.30 ng/ml



#41 AR-1268-1

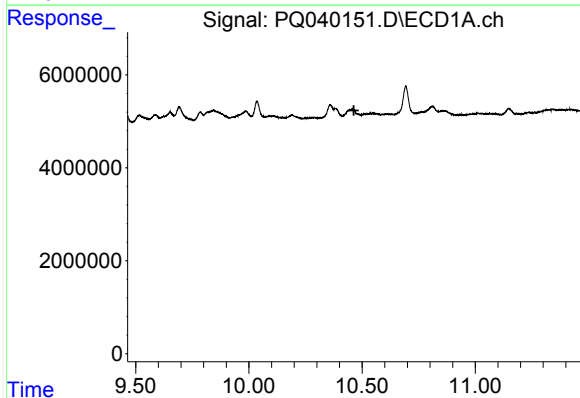
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML8



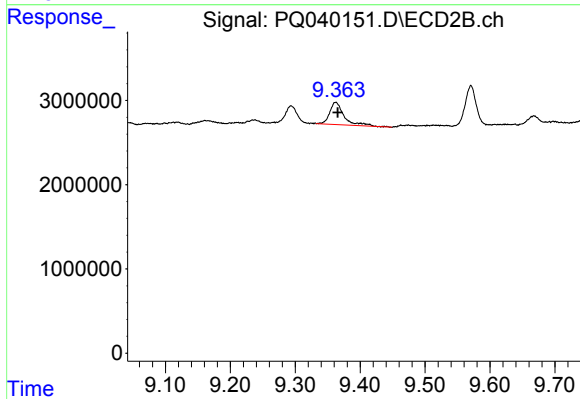
#41 AR-1268-1

R.T.: 9.294 min
Delta R.T.: -0.003 min
Response: 2030502
Conc: 4.45 ng/ml



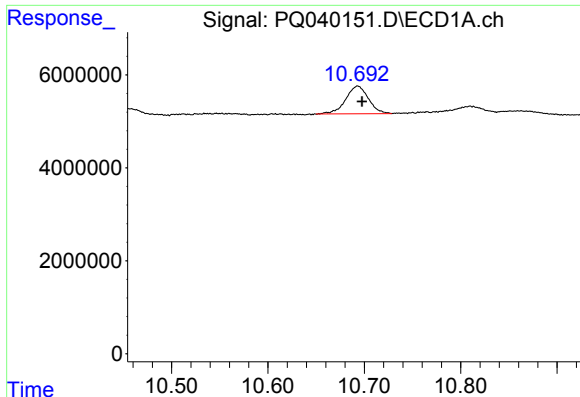
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

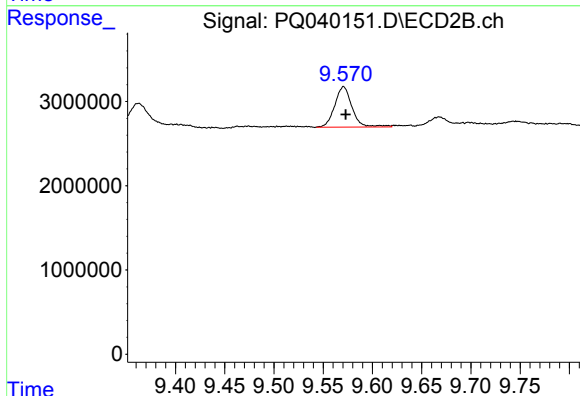
R.T.: 9.363 min
Delta R.T.: -0.003 min
Response: 4075947
Conc: 9.32 ng/ml



#43 AR-1268-3

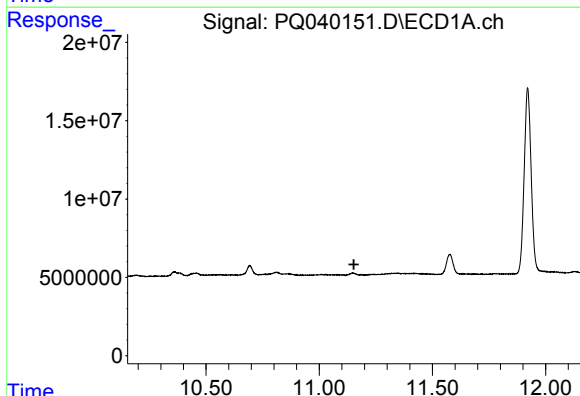
R.T.: 10.693 min
Delta R.T.: -0.005 min
Response: 9664780
Conc: 17.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



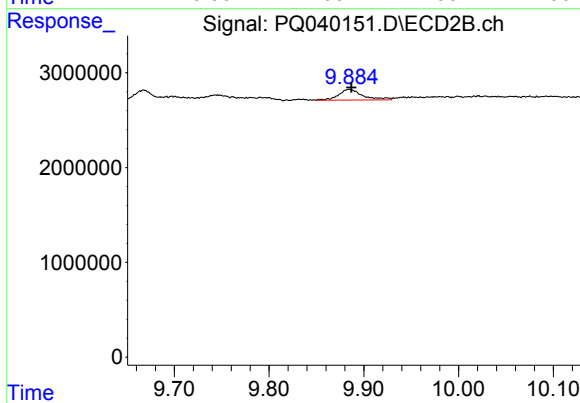
#43 AR-1268-3

R.T.: 9.571 min
Delta R.T.: -0.003 min
Response: 5847916
Conc: 15.58 ng/ml



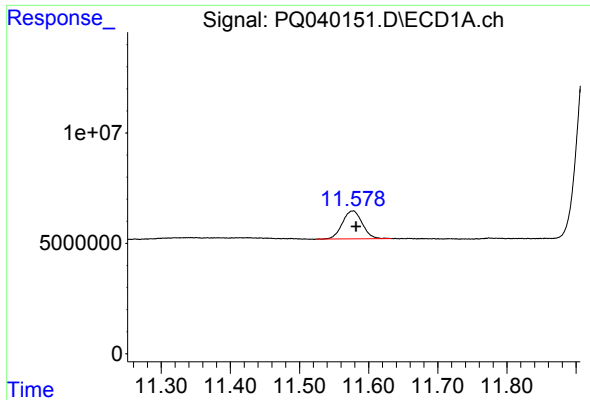
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

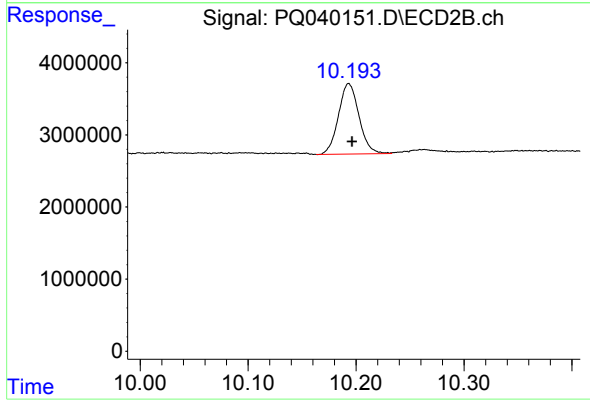
R.T.: 9.885 min
Delta R.T.: -0.002 min
Response: 1994046
Conc: 14.47 ng/ml



#45 AR-1268-5

R.T.: 11.577 min
Delta R.T.: -0.005 min
Response: 25265127
Conc: 13.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML8



#45 AR-1268-5

R.T.: 10.193 min
Delta R.T.: -0.003 min
Response: 12911895
Conc: 10.94 ng/ml