

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 12:02
 Operator : SM\AJ
 Sample : K3020-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETML5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:57:32 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...	5.603	4.738	77008001	47756819	23.507	22.235
2)	SA Decachlor...	11.921	10.462	260.1E6	126.9E6	36.415	30.526
Target Compounds							
3)	L1 AR-1016-1	7.053	6.183	16320854	9241243	97.559	72.041 #
4)	L1 AR-1016-2	7.077	6.205	30961403	14537839	117.768	75.321 #
5)	L1 AR-1016-3	7.224	6.416	7221630	5646928	42.311	52.359
6)	L1 AR-1016-4	7.224	6.474	7221630	13232922	52.246	155.409 #
7)	L1 AR-1016-5	7.595	6.726	6666305	10779917	48.054	93.624 #
8)	L2 AR-1221-1	0.000	5.037	0	1173375	N.D.	47.880 #
9)	L2 AR-1221-2	0.000	5.157	0	1980347	N.D.	121.585 #
10)	L2 AR-1221-3	0.000	5.261	0	2025595	N.D.	33.312 #
11)	L3 AR-1232-1	0.000	5.261	0	2025595	N.D.	44.205 #
12)	L3 AR-1232-2	6.736	6.205	10778994	14537839	271.870	242.352
13)	L3 AR-1232-3	7.077	6.416	30961403	5646928	383.128	160.571 #
14)	L3 AR-1232-4	7.224	6.521	7221630	14889825	172.773	503.915 #
15)	L3 AR-1232-5	7.364	6.726	27617639	10779917	871.425	358.085 #
16)	L4 AR-1242-1	7.053	6.183	16320854	9241243	168.333	124.969 #
17)	L4 AR-1242-2	7.077	6.205	30961403	14537839	214.239	136.557 #
18)	L4 AR-1242-3	7.224	6.416	7221630	5646928	77.576	93.609
19)	L4 AR-1242-4	7.224	6.521	7221630	14889825	96.019	249.828 #
20)	L4 AR-1242-5	8.082	7.132	37299384	40305653	430.244	500.142
21)	L5 AR-1248-1	7.053	6.183	16320854	9241243	210.857	160.373
22)	L5 AR-1248-2	7.364	6.474	27617639	13232922	245.202	150.512 #
23)	L5 AR-1248-3	7.595	6.521	6666305	14889825	48.297	164.558 #
24)	L5 AR-1248-4	8.041	6.726	89692189	10779917	594.107	97.618 #
25)	L5 AR-1248-5	8.082	7.181	37299384	20111299	247.740	177.137 #
26)	L6 AR-1254-1	8.014	7.132	26949158	40305653	154.530	210.434 #
27)	L6 AR-1254-2	8.251	7.301	55876693	19120202	202.047	110.057 #
28)	L6 AR-1254-3	8.644	7.748	51252993	42536008	172.694	147.192
29)	L6 AR-1254-4	8.944	7.998	24201378	14088951	116.449	78.909 #
30)	L6 AR-1254-5	9.382	8.441	26838803	15617559	93.192	60.620 #
31)	L7 AR-1260-1	8.812	7.886	11790256	17577795	35.469	64.120 #
32)	L7 AR-1260-2	9.082	8.093	20355734	12207896	50.390	35.291 #
33)	L7 AR-1260-3	9.455	8.255	9343388	7125425	28.323	22.218
34)	L7 AR-1260-4	9.693	8.751	8948342	4443070	24.281	16.352 #
35)	L7 AR-1260-5	10.036	9.006	12339674	11515034	16.024	17.131
36)	L8 AR-1262-1	9.455	8.536	9343388	3826144	67.212	33.697 #
37)	L8 AR-1262-2	10.036	9.006	12339674	11515034	21.321	23.209
38)	L8 AR-1262-3	10.359	9.296	501125	2790979	1.185	13.274 #
39)	L8 AR-1262-4	0.000	9.364	0	8542003	N.D.	22.561 #
40)	L8 AR-1262-5	0.000	9.886	0	6832463	N.D.	42.141 #
41)	L9 AR-1268-1	10.359	9.296	501125	2790979	0.832	6.116 #

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 Operator : SM\AJ
 Sample : K3020-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

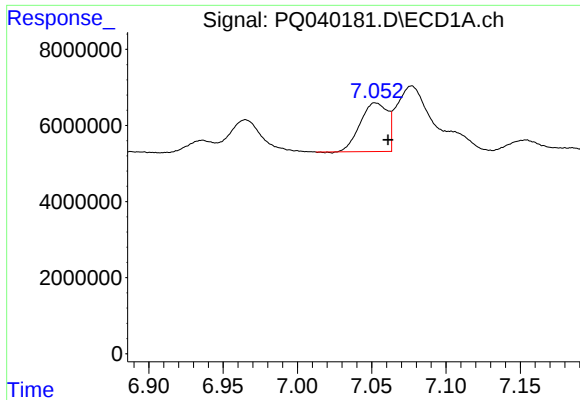
Instrument :
 ECD_Q
 ClientSampleId :
 ETML5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:57:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
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 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	9.364	0	8542003	N.D.	19.539 #
43) L9	AR-1268-3	10.693	9.572	10923563	7141898	20.110	19.024
44) L9	AR-1268-4	0.000	9.886	0	6832463	N.D.	49.588 #
45) L9	AR-1268-5	11.576	10.195	30608257	16096498	16.564	13.639

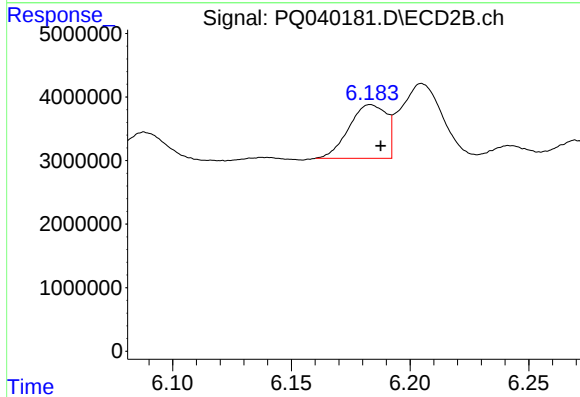
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

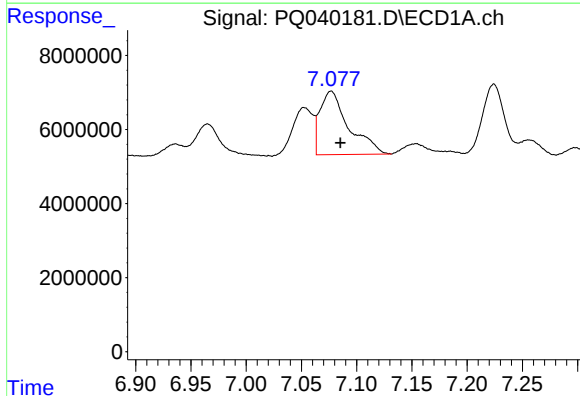
R.T.: 7.053 min
Delta R.T.: -0.009 min
Response: 16320854
Conc: 97.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



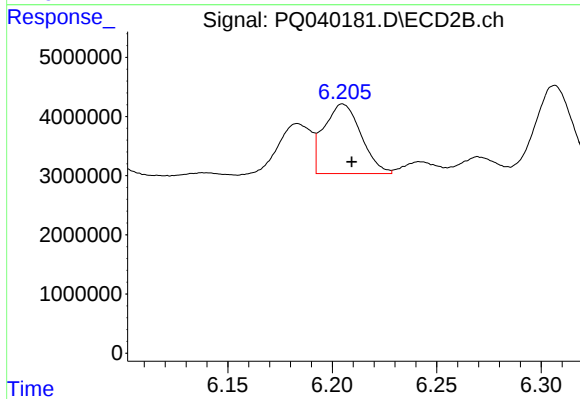
#3 AR-1016-1

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 9241243
Conc: 72.04 ng/ml



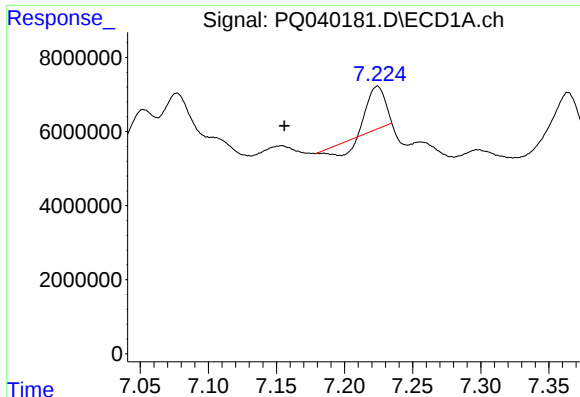
#4 AR-1016-2

R.T.: 7.077 min
Delta R.T.: -0.009 min
Response: 30961403
Conc: 117.77 ng/ml



#4 AR-1016-2

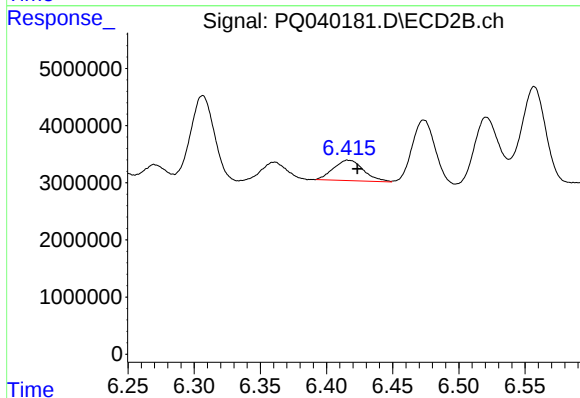
R.T.: 6.205 min
Delta R.T.: -0.004 min
Response: 14537839
Conc: 75.32 ng/ml



#5 AR-1016-3

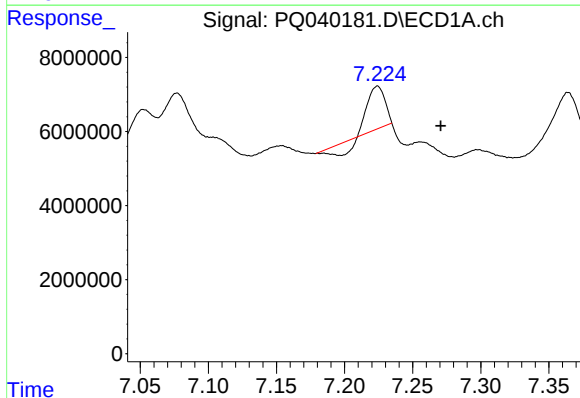
R.T.: 7.224 min
Delta R.T.: 0.068 min
Response: 7221630
Conc: 42.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



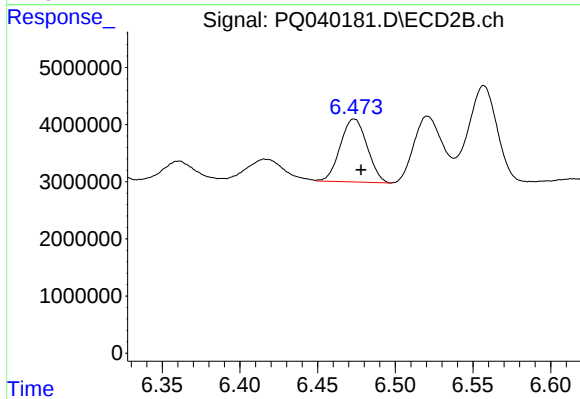
#5 AR-1016-3

R.T.: 6.416 min
Delta R.T.: -0.007 min
Response: 5646928
Conc: 52.36 ng/ml



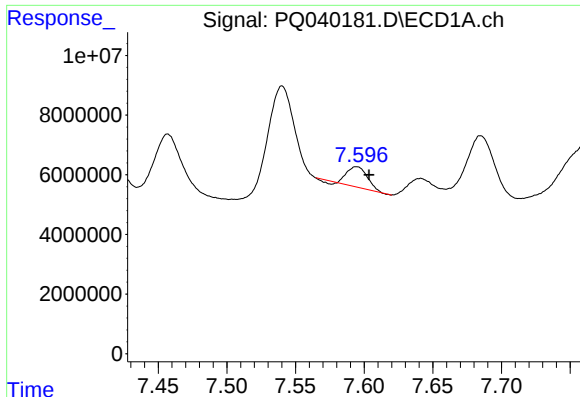
#6 AR-1016-4

R.T.: 7.224 min
Delta R.T.: -0.046 min
Response: 7221630
Conc: 52.25 ng/ml



#6 AR-1016-4

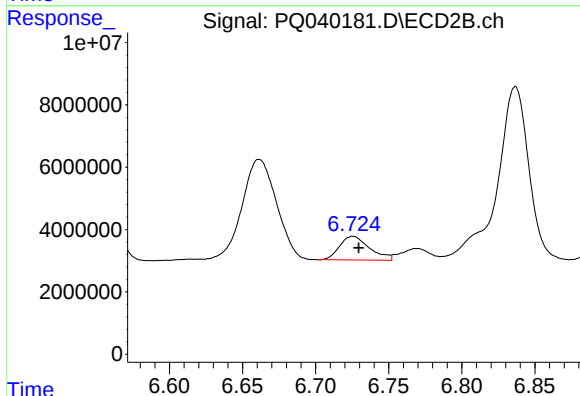
R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 13232922
Conc: 155.41 ng/ml



#7 AR-1016-5

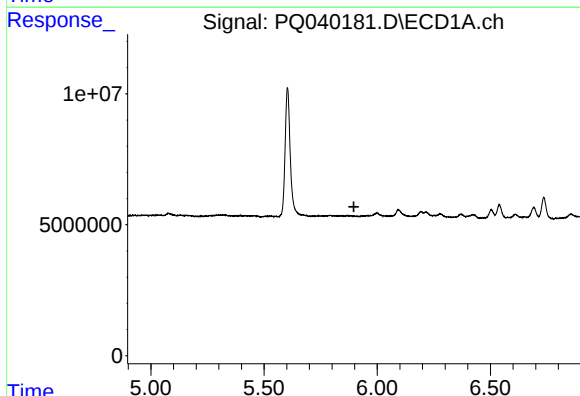
R.T.: 7.595 min
Delta R.T.: -0.009 min
Response: 6666305
Conc: 48.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



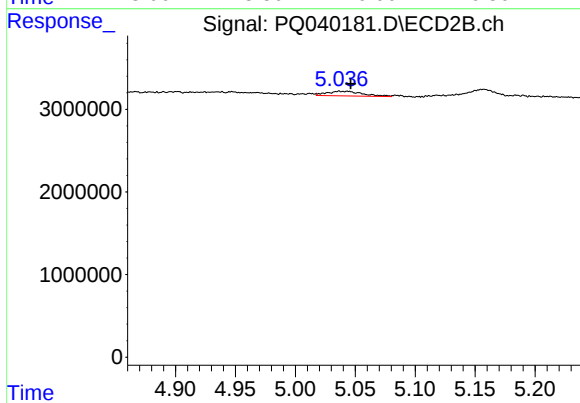
#7 AR-1016-5

R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 10779917
Conc: 93.62 ng/ml



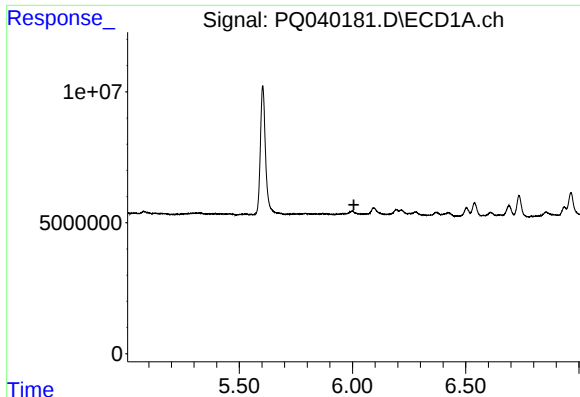
#8 AR-1221-1

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



#8 AR-1221-1

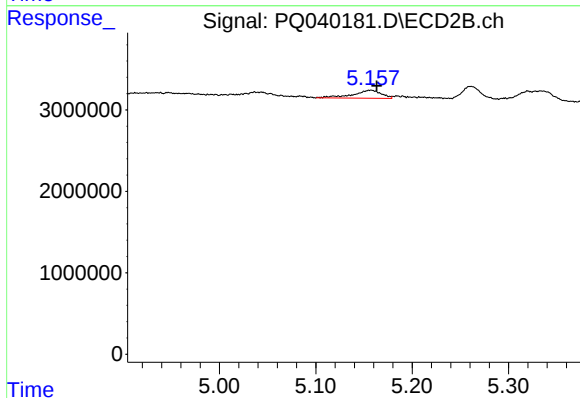
R.T.: 5.037 min
Delta R.T.: -0.009 min
Response: 1173375
Conc: 47.88 ng/ml



#9 AR-1221-2

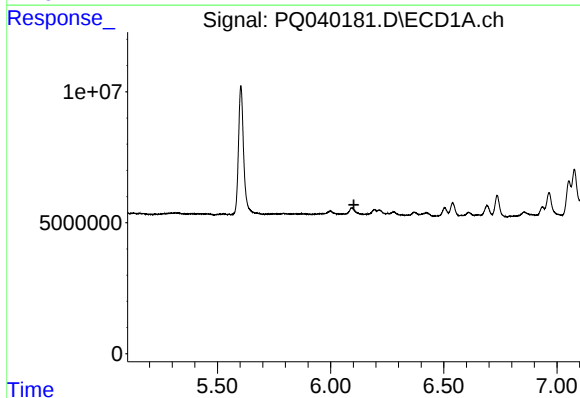
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML5



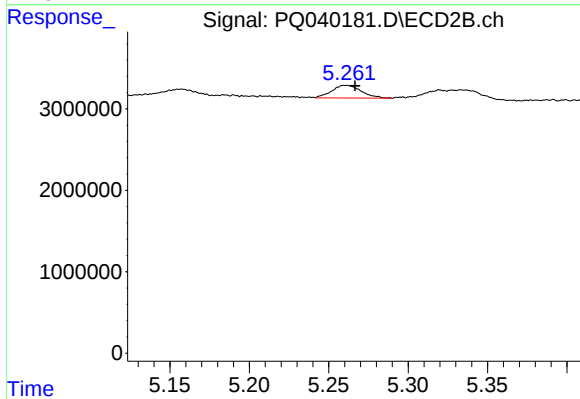
#9 AR-1221-2

R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 1980347
Conc: 121.59 ng/ml



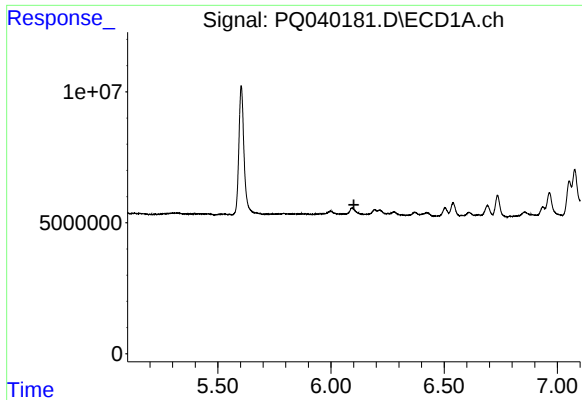
#10 AR-1221-3

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



#10 AR-1221-3

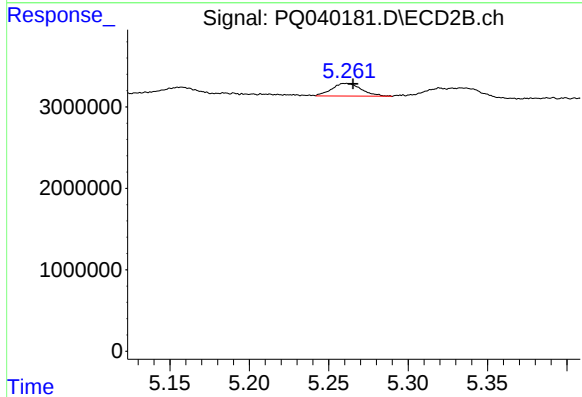
R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 2025595
Conc: 33.31 ng/ml



#11 AR-1232-1

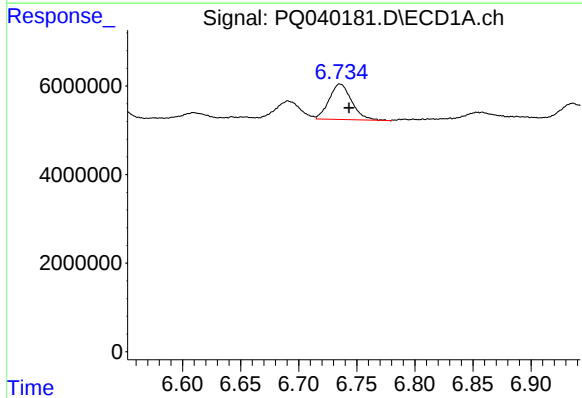
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML5



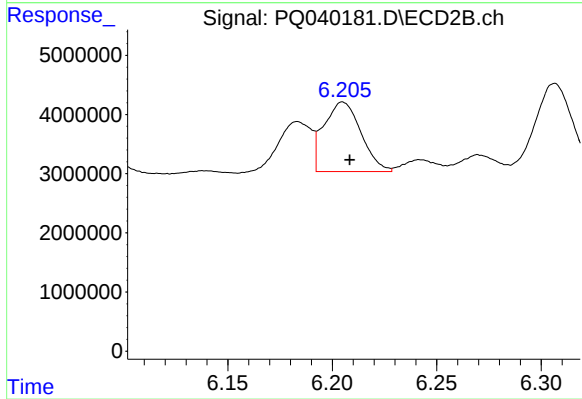
#11 AR-1232-1

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 2025595
Conc: 44.20 ng/ml



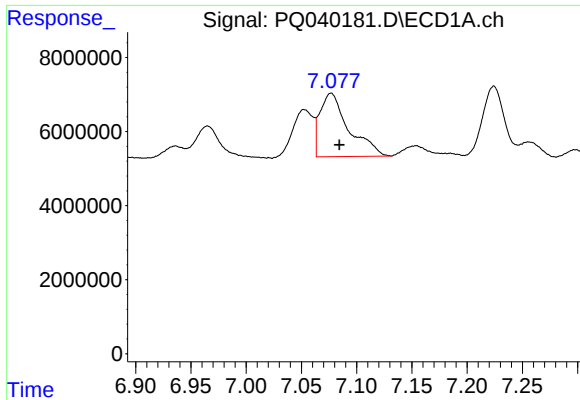
#12 AR-1232-2

R.T.: 6.736 min
Delta R.T.: -0.008 min
Response: 10778994
Conc: 271.87 ng/ml



#12 AR-1232-2

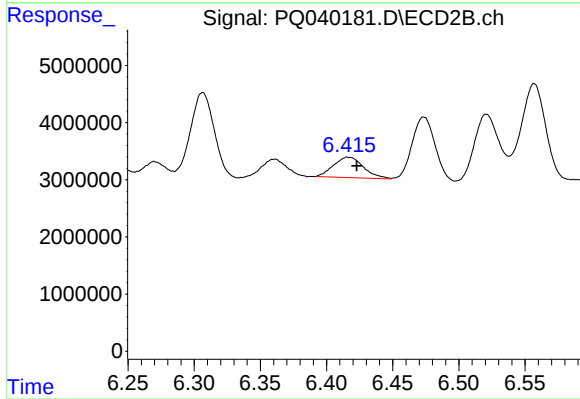
R.T.: 6.205 min
Delta R.T.: -0.003 min
Response: 14537839
Conc: 242.35 ng/ml



#13 AR-1232-3

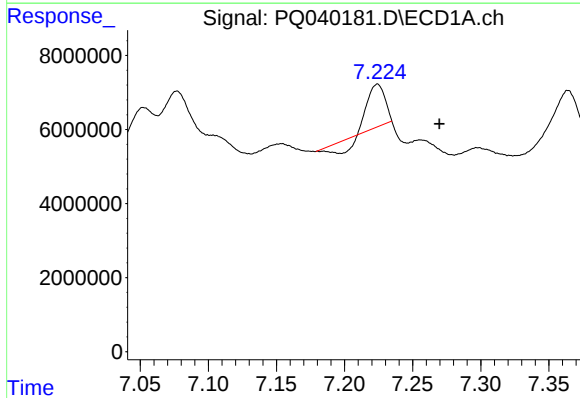
R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 30961403
Conc: 383.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



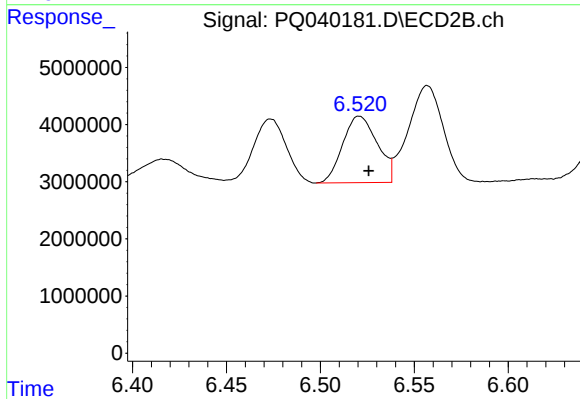
#13 AR-1232-3

R.T.: 6.416 min
Delta R.T.: -0.007 min
Response: 5646928
Conc: 160.57 ng/ml



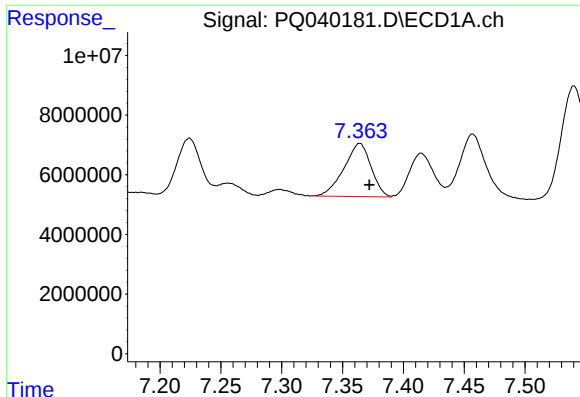
#14 AR-1232-4

R.T.: 7.224 min
Delta R.T.: -0.046 min
Response: 7221630
Conc: 172.77 ng/ml



#14 AR-1232-4

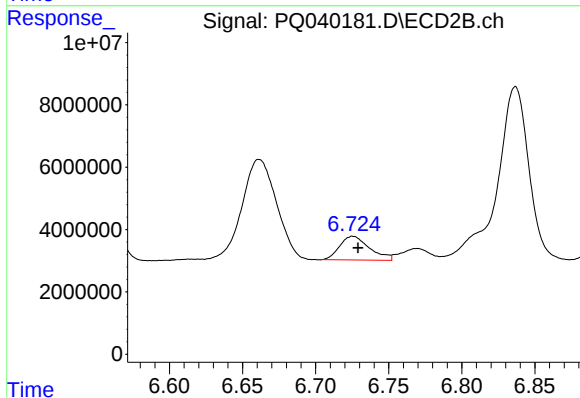
R.T.: 6.521 min
Delta R.T.: -0.005 min
Response: 14889825
Conc: 503.92 ng/ml



#15 AR-1232-5

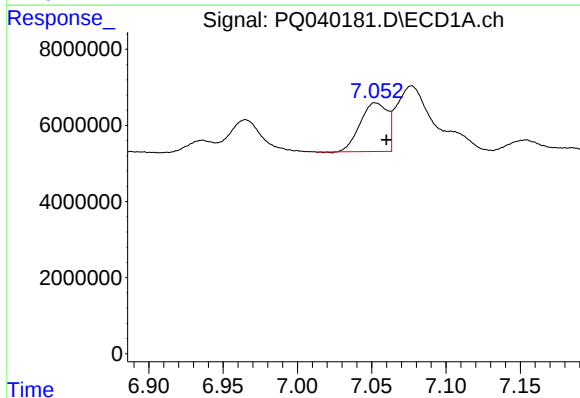
R.T.: 7.364 min
Delta R.T.: -0.008 min
Response: 27617639
Conc: 871.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



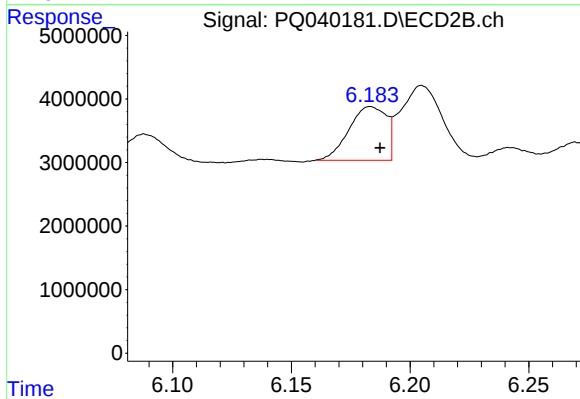
#15 AR-1232-5

R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 10779917
Conc: 358.08 ng/ml



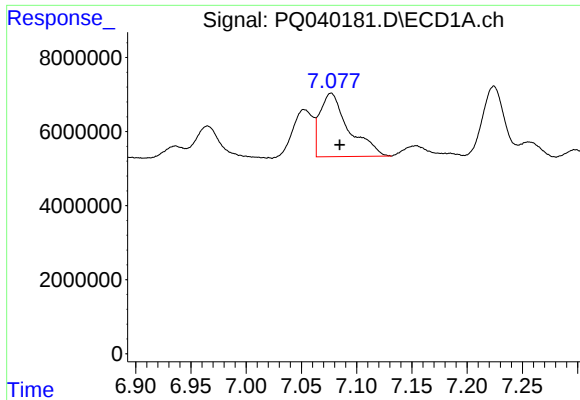
#16 AR-1242-1

R.T.: 7.053 min
Delta R.T.: -0.007 min
Response: 16320854
Conc: 168.33 ng/ml



#16 AR-1242-1

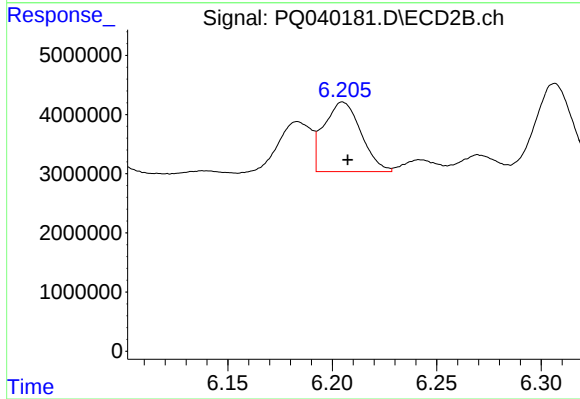
R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 9241243
Conc: 124.97 ng/ml



#17 AR-1242-2

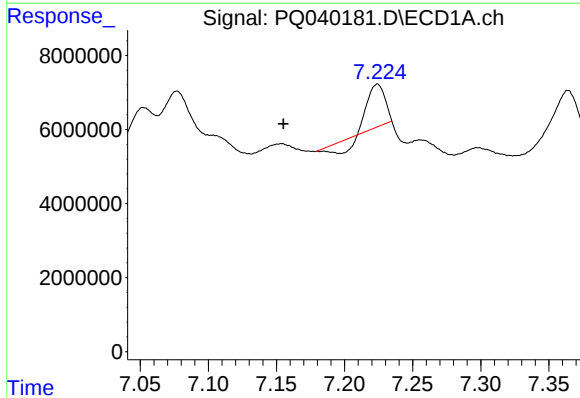
R.T.: 7.077 min
Delta R.T.: -0.008 min
Response: 30961403
Conc: 214.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



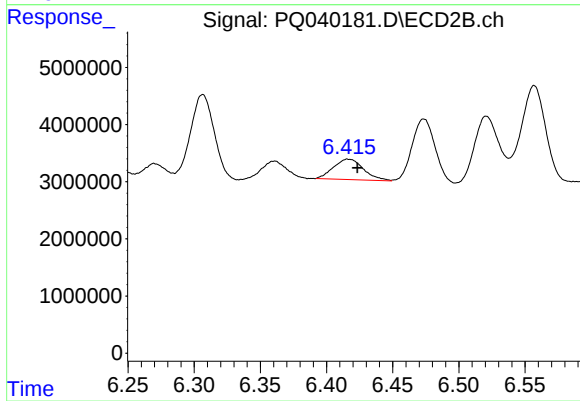
#17 AR-1242-2

R.T.: 6.205 min
Delta R.T.: -0.002 min
Response: 14537839
Conc: 136.56 ng/ml



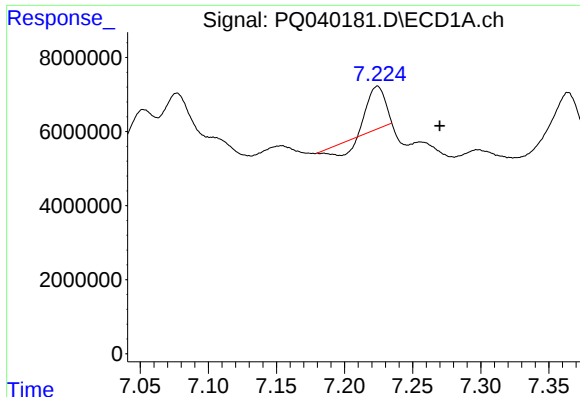
#18 AR-1242-3

R.T.: 7.224 min
Delta R.T.: 0.069 min
Response: 7221630
Conc: 77.58 ng/ml



#18 AR-1242-3

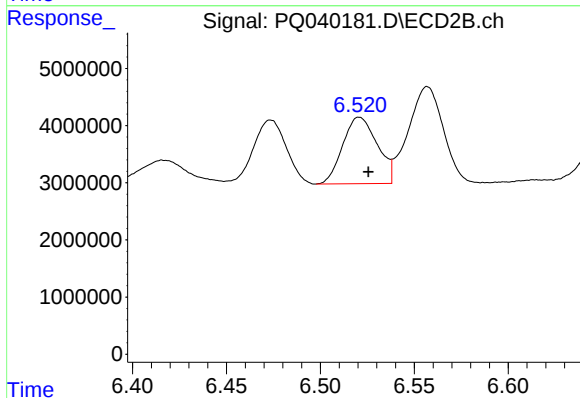
R.T.: 6.416 min
Delta R.T.: -0.007 min
Response: 5646928
Conc: 93.61 ng/ml



#19 AR-1242-4

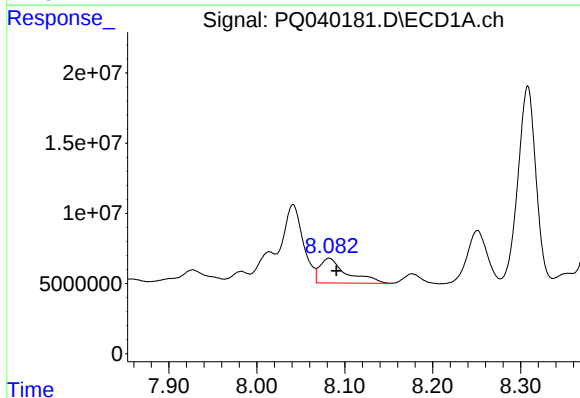
R.T.: 7.224 min
Delta R.T.: -0.046 min
Response: 7221630
Conc: 96.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



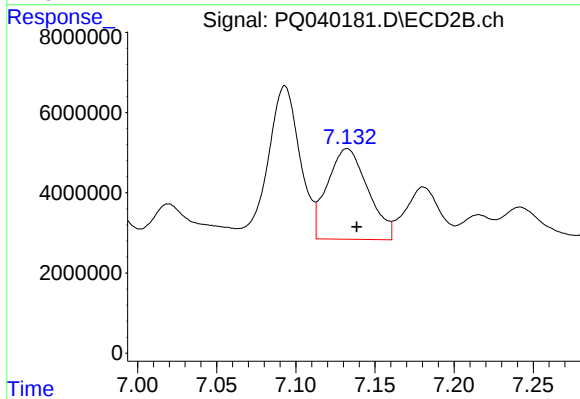
#19 AR-1242-4

R.T.: 6.521 min
Delta R.T.: -0.005 min
Response: 14889825
Conc: 249.83 ng/ml



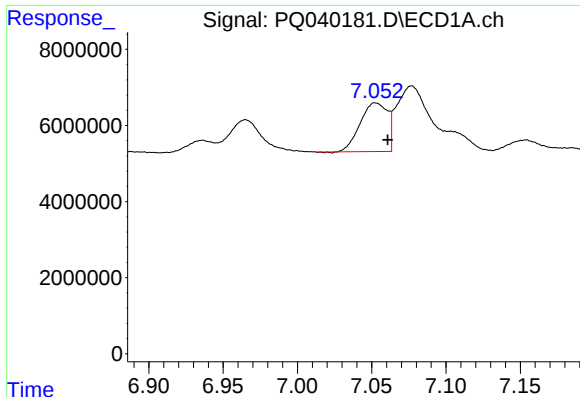
#20 AR-1242-5

R.T.: 8.082 min
Delta R.T.: -0.008 min
Response: 37299384
Conc: 430.24 ng/ml



#20 AR-1242-5

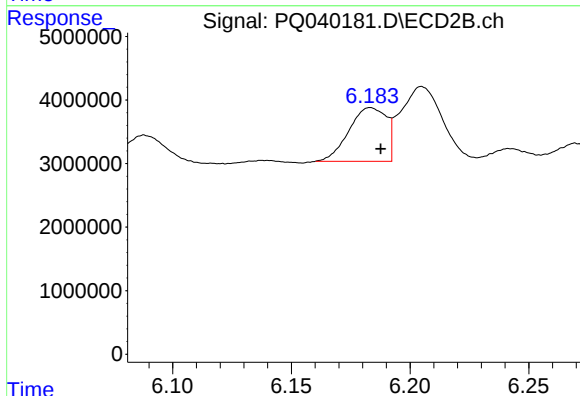
R.T.: 7.132 min
Delta R.T.: -0.006 min
Response: 40305653
Conc: 500.14 ng/ml



#21 AR-1248-1

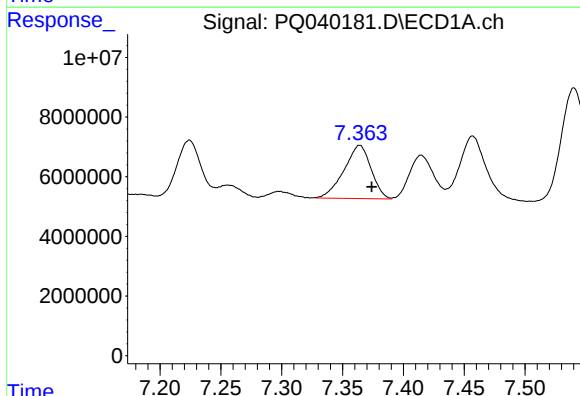
R.T.: 7.053 min
Delta R.T.: -0.008 min
Response: 16320854
Conc: 210.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



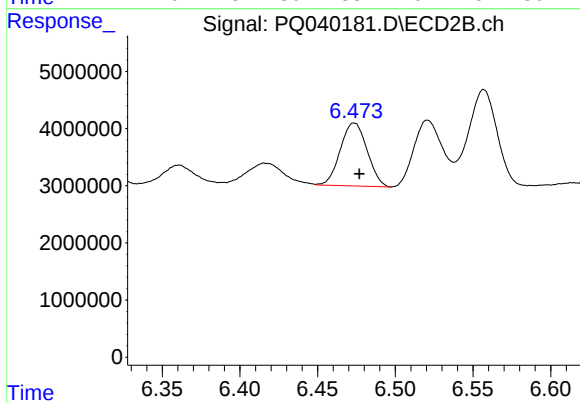
#21 AR-1248-1

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 9241243
Conc: 160.37 ng/ml



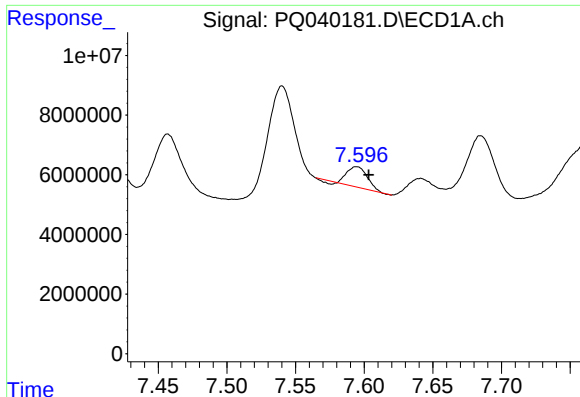
#22 AR-1248-2

R.T.: 7.364 min
Delta R.T.: -0.010 min
Response: 27617639
Conc: 245.20 ng/ml



#22 AR-1248-2

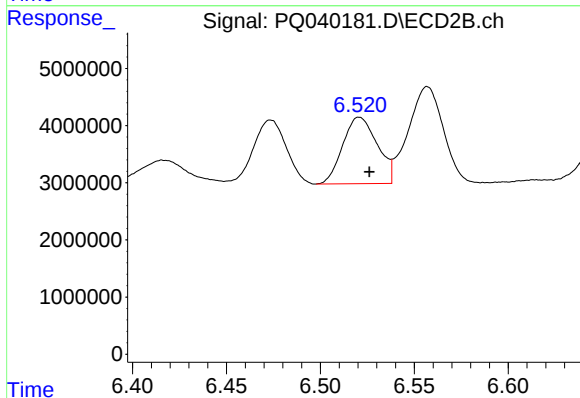
R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 13232922
Conc: 150.51 ng/ml



#23 AR-1248-3

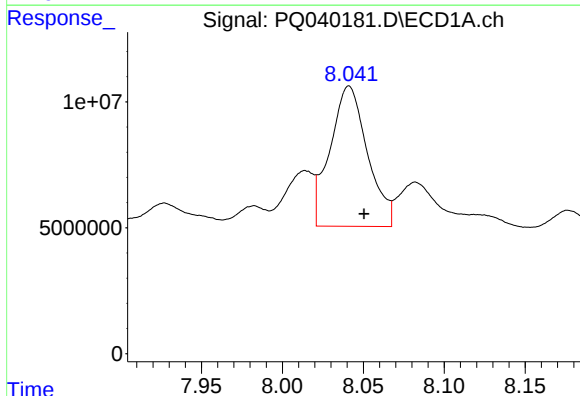
R.T.: 7.595 min
Delta R.T.: -0.009 min
Response: 6666305
Conc: 48.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



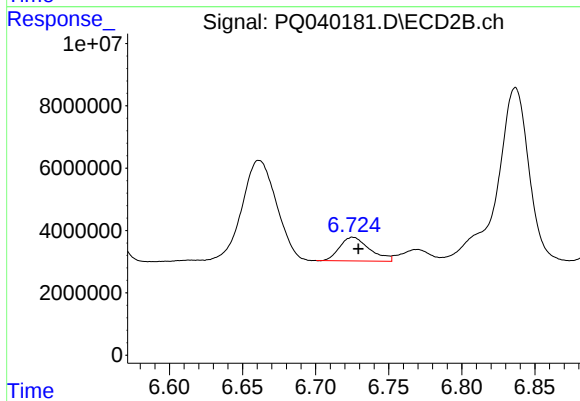
#23 AR-1248-3

R.T.: 6.521 min
Delta R.T.: -0.005 min
Response: 14889825
Conc: 164.56 ng/ml



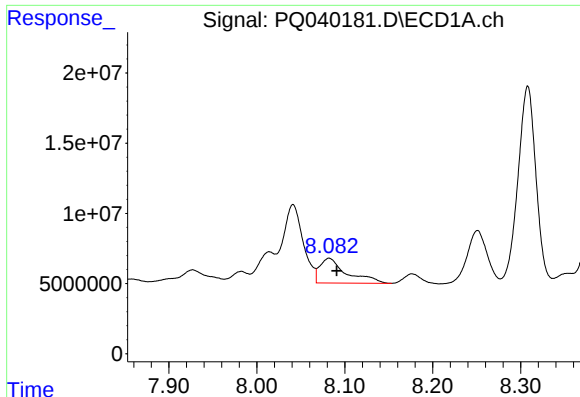
#24 AR-1248-4

R.T.: 8.041 min
Delta R.T.: -0.009 min
Response: 89692189
Conc: 594.11 ng/ml



#24 AR-1248-4

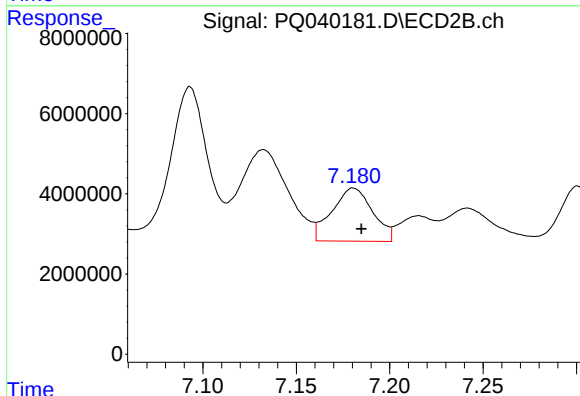
R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 10779917
Conc: 97.62 ng/ml



#25 AR-1248-5

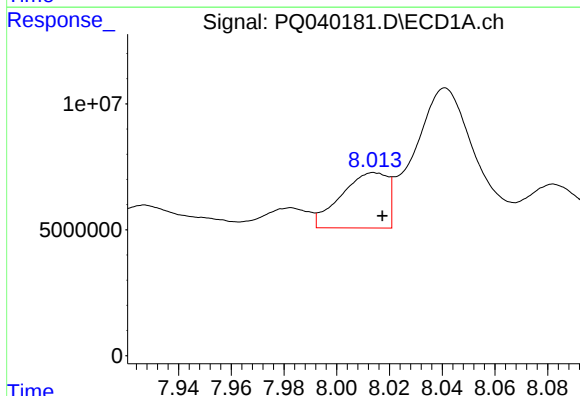
R.T.: 8.082 min
Delta R.T.: -0.009 min
Response: 37299384
Conc: 247.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



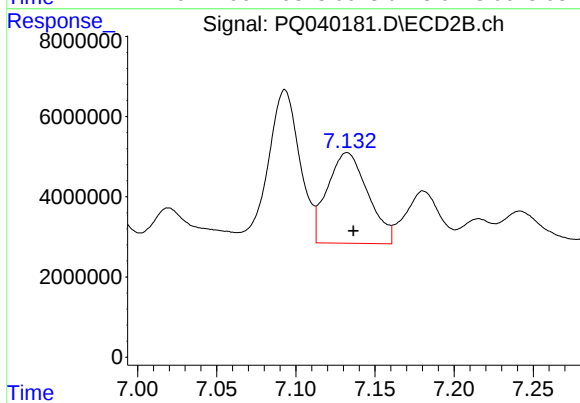
#25 AR-1248-5

R.T.: 7.181 min
Delta R.T.: -0.004 min
Response: 20111299
Conc: 177.14 ng/ml



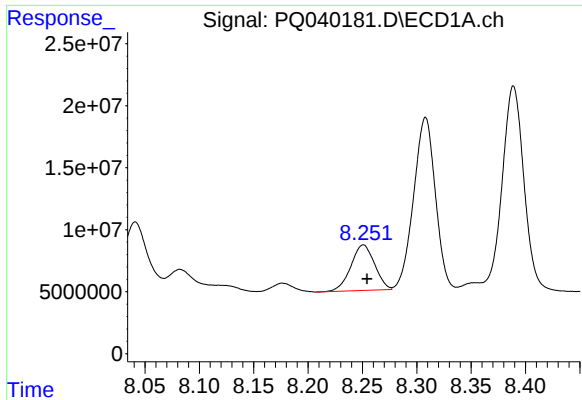
#26 AR-1254-1

R.T.: 8.014 min
Delta R.T.: -0.003 min
Response: 26949158
Conc: 154.53 ng/ml



#26 AR-1254-1

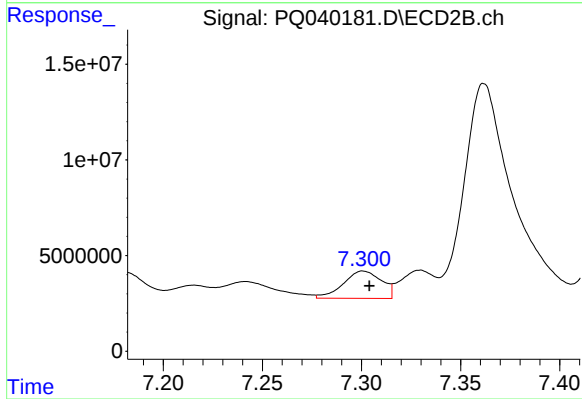
R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 40305653
Conc: 210.43 ng/ml



#27 AR-1254-2

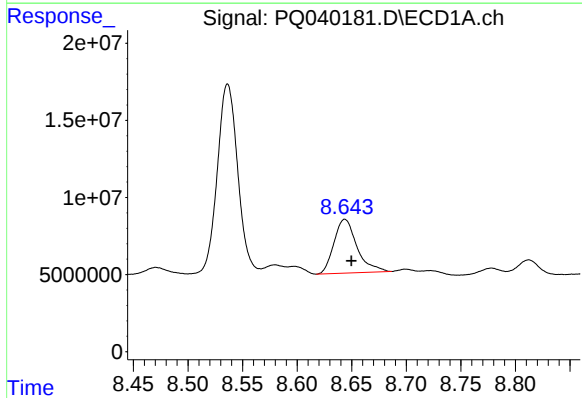
R.T.: 8.251 min
Delta R.T.: -0.003 min
Response: 55876693
Conc: 202.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



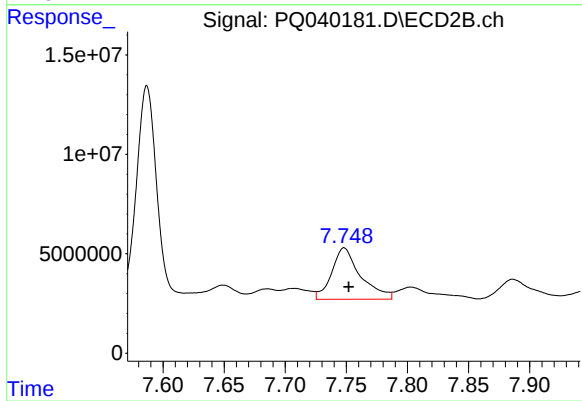
#27 AR-1254-2

R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 19120202
Conc: 110.06 ng/ml



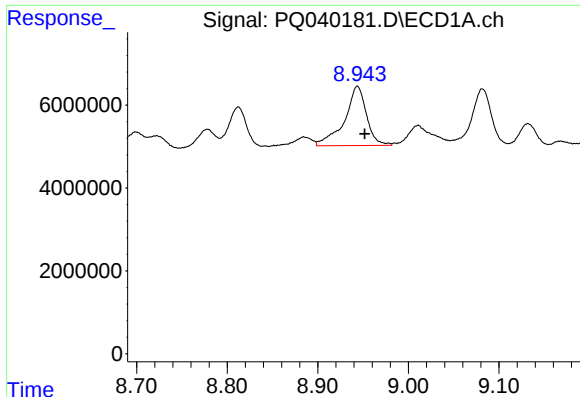
#28 AR-1254-3

R.T.: 8.644 min
Delta R.T.: -0.006 min
Response: 51252993
Conc: 172.69 ng/ml



#28 AR-1254-3

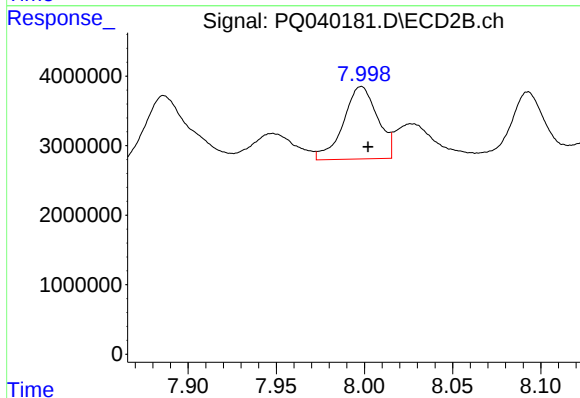
R.T.: 7.748 min
Delta R.T.: -0.004 min
Response: 42536008
Conc: 147.19 ng/ml



#29 AR-1254-4

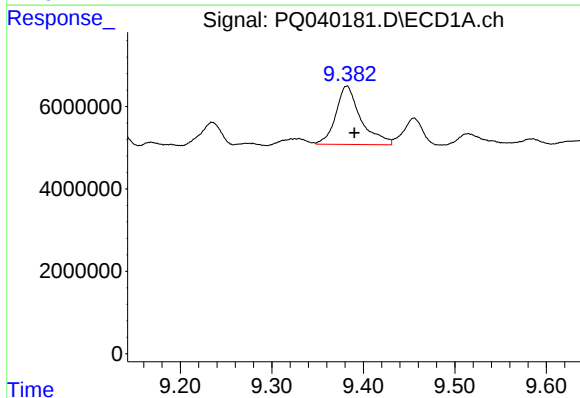
R.T.: 8.944 min
Delta R.T.: -0.008 min
Response: 24201378
Conc: 116.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



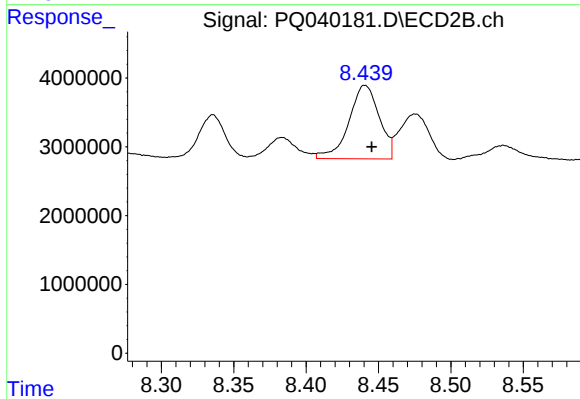
#29 AR-1254-4

R.T.: 7.998 min
Delta R.T.: -0.004 min
Response: 14088951
Conc: 78.91 ng/ml



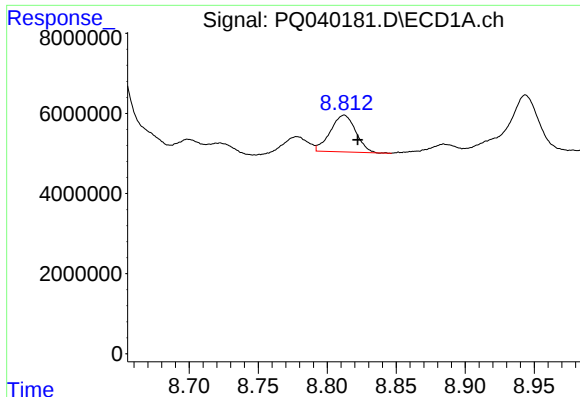
#30 AR-1254-5

R.T.: 9.382 min
Delta R.T.: -0.008 min
Response: 26838803
Conc: 93.19 ng/ml



#30 AR-1254-5

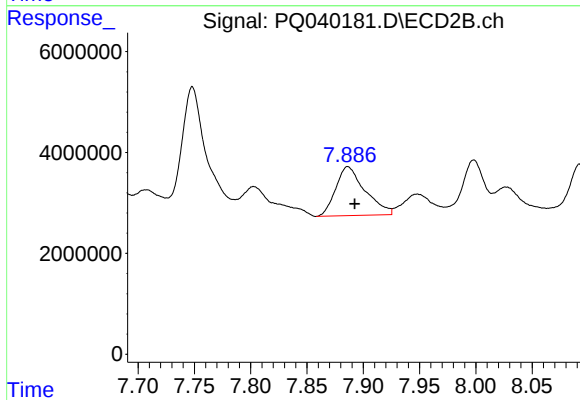
R.T.: 8.441 min
Delta R.T.: -0.005 min
Response: 15617559
Conc: 60.62 ng/ml



#31 AR-1260-1

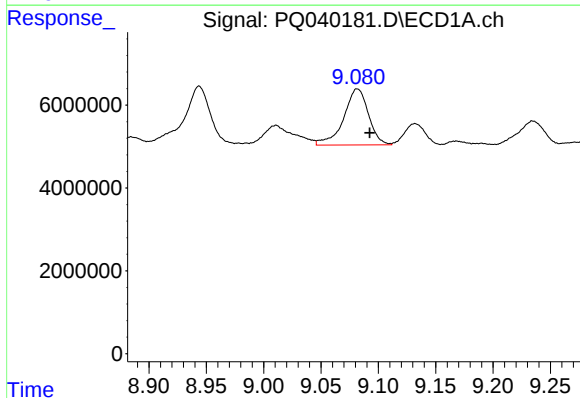
R.T.: 8.812 min
Delta R.T.: -0.010 min
Response: 11790256
Conc: 35.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



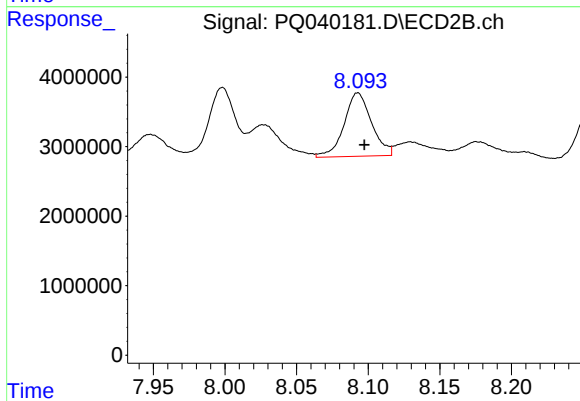
#31 AR-1260-1

R.T.: 7.886 min
Delta R.T.: -0.006 min
Response: 17577795
Conc: 64.12 ng/ml



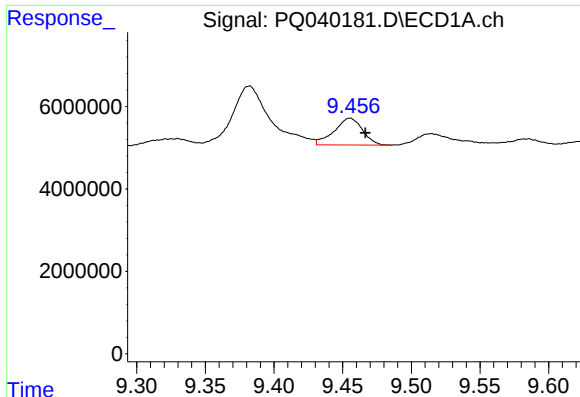
#32 AR-1260-2

R.T.: 9.082 min
Delta R.T.: -0.011 min
Response: 20355734
Conc: 50.39 ng/ml



#32 AR-1260-2

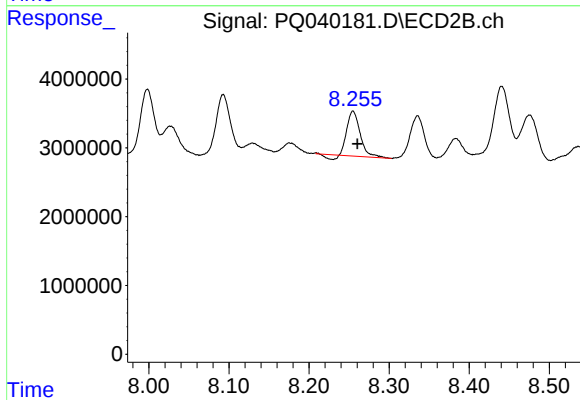
R.T.: 8.093 min
Delta R.T.: -0.005 min
Response: 12207896
Conc: 35.29 ng/ml



#33 AR-1260-3

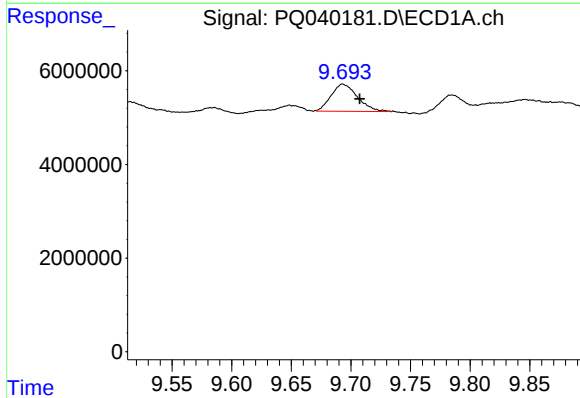
R.T.: 9.455 min
Delta R.T.: -0.011 min
Response: 9343388
Conc: 28.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



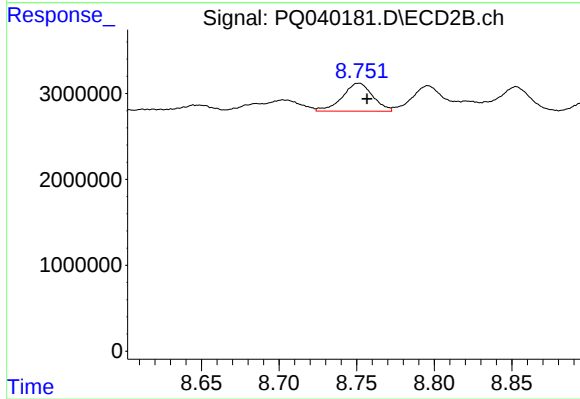
#33 AR-1260-3

R.T.: 8.255 min
Delta R.T.: -0.006 min
Response: 7125425
Conc: 22.22 ng/ml



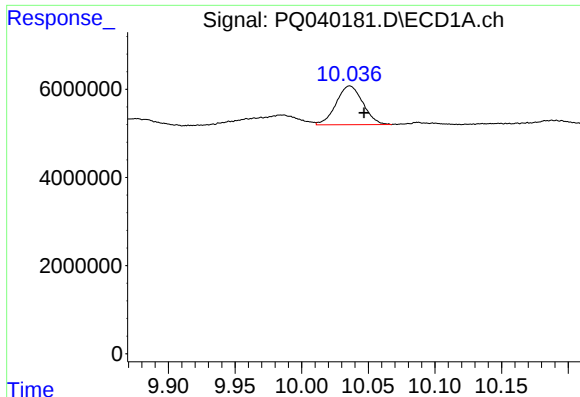
#34 AR-1260-4

R.T.: 9.693 min
Delta R.T.: -0.014 min
Response: 8948342
Conc: 24.28 ng/ml



#34 AR-1260-4

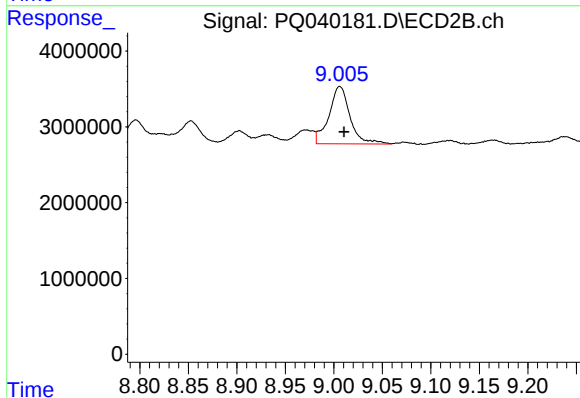
R.T.: 8.751 min
Delta R.T.: -0.005 min
Response: 4443070
Conc: 16.35 ng/ml



#35 AR-1260-5

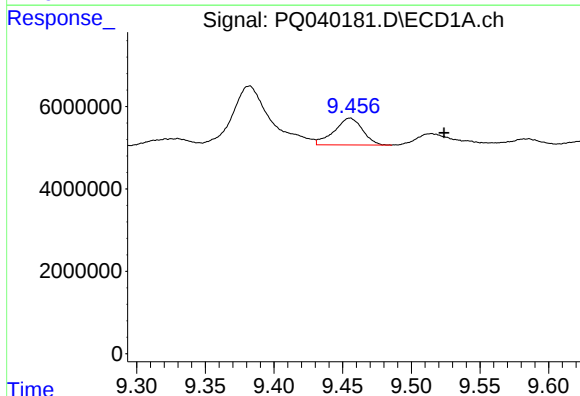
R.T.: 10.036 min
Delta R.T.: -0.011 min
Response: 12339674
Conc: 16.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



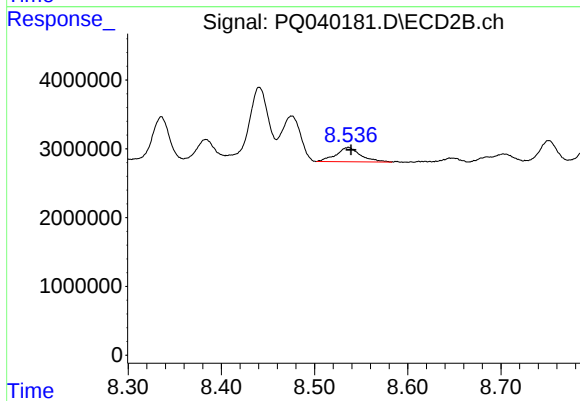
#35 AR-1260-5

R.T.: 9.006 min
Delta R.T.: -0.004 min
Response: 11515034
Conc: 17.13 ng/ml



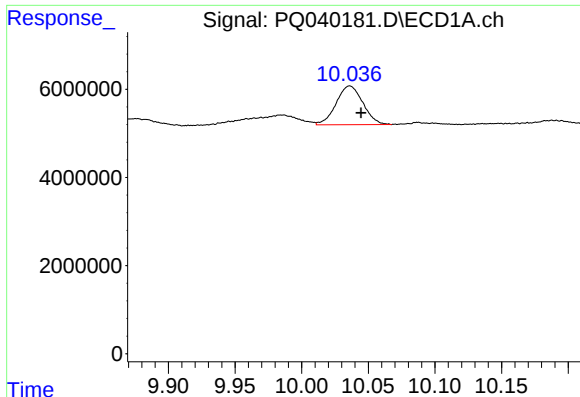
#36 AR-1262-1

R.T.: 9.455 min
Delta R.T.: -0.069 min
Response: 9343388
Conc: 67.21 ng/ml



#36 AR-1262-1

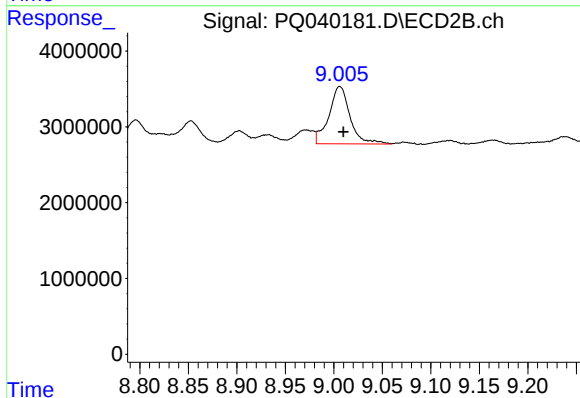
R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 3826144
Conc: 33.70 ng/ml



#37 AR-1262-2

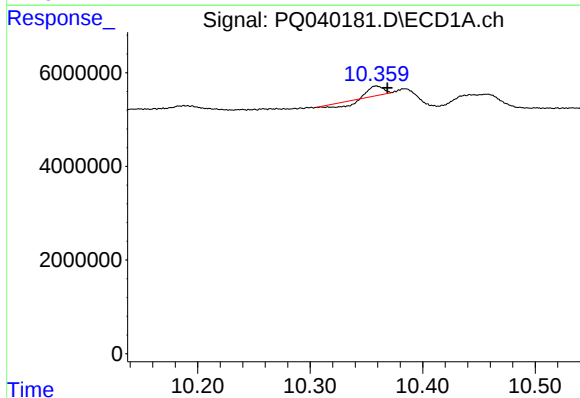
R.T.: 10.036 min
Delta R.T.: -0.008 min
Response: 12339674
Conc: 21.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



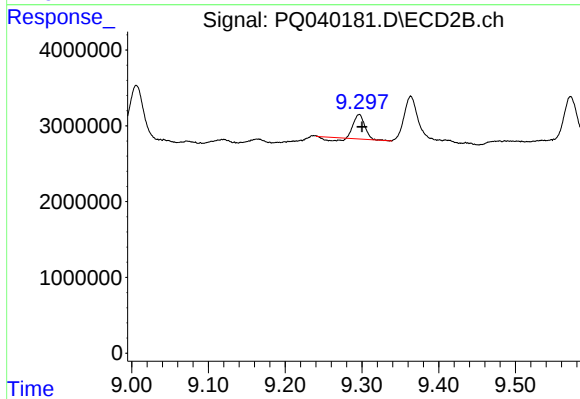
#37 AR-1262-2

R.T.: 9.006 min
Delta R.T.: -0.004 min
Response: 11515034
Conc: 23.21 ng/ml



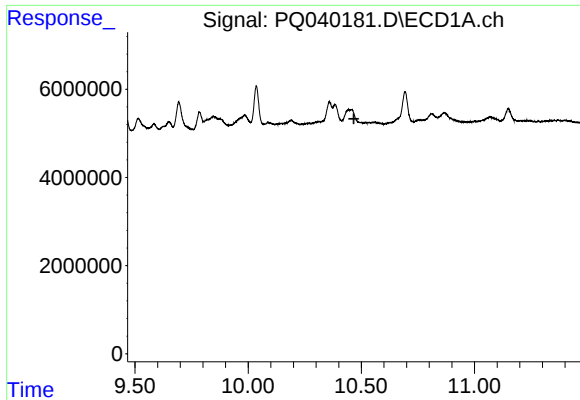
#38 AR-1262-3

R.T.: 10.359 min
Delta R.T.: -0.010 min
Response: 501125
Conc: 1.19 ng/ml



#38 AR-1262-3

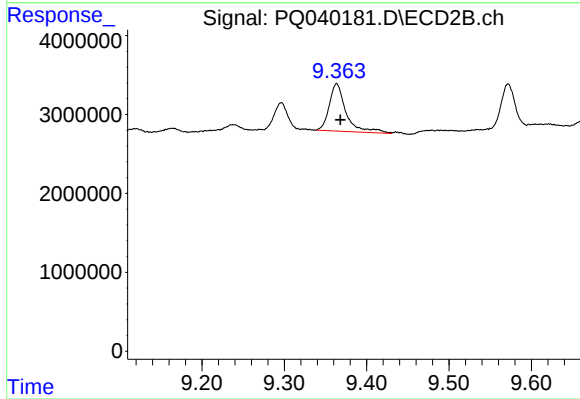
R.T.: 9.296 min
Delta R.T.: -0.004 min
Response: 2790979
Conc: 13.27 ng/ml



#39 AR-1262-4

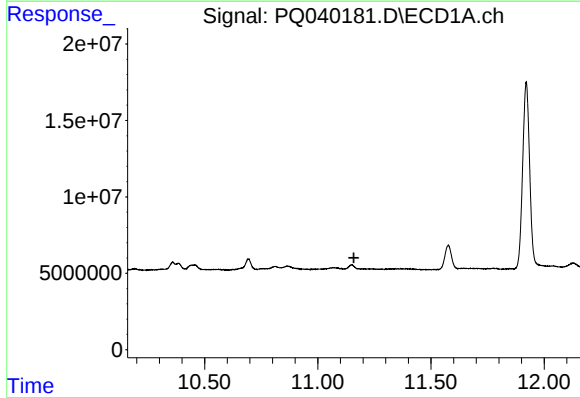
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETML5



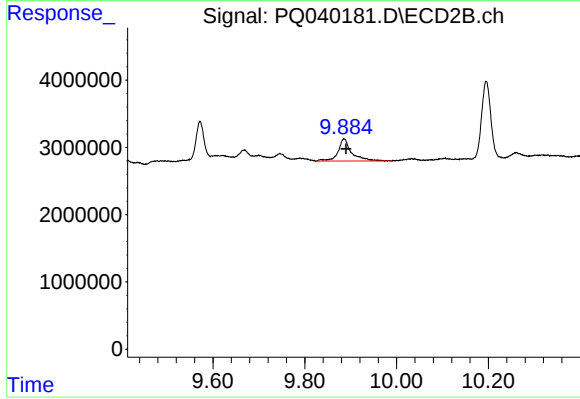
#39 AR-1262-4

R.T.: 9.364 min
Delta R.T.: -0.005 min
Response: 8542003
Conc: 22.56 ng/ml



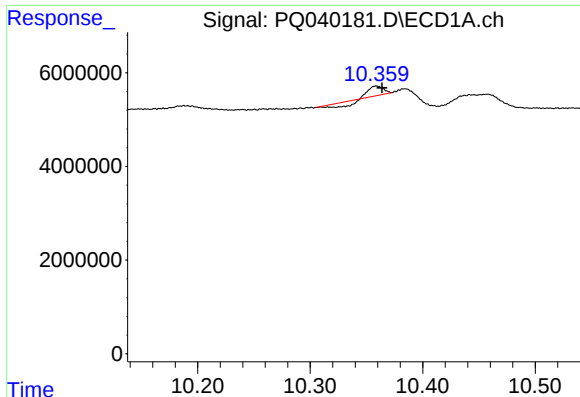
#40 AR-1262-5

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



#40 AR-1262-5

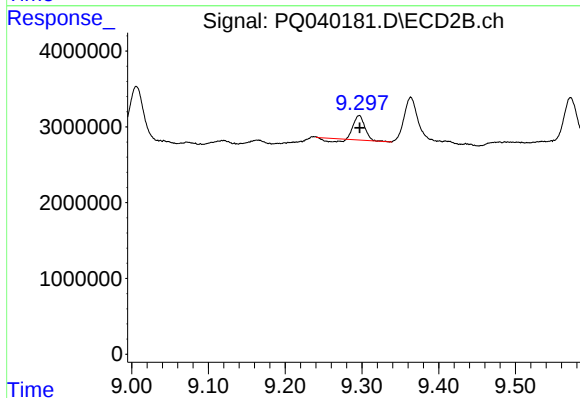
R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 6832463
Conc: 42.14 ng/ml



#41 AR-1268-1

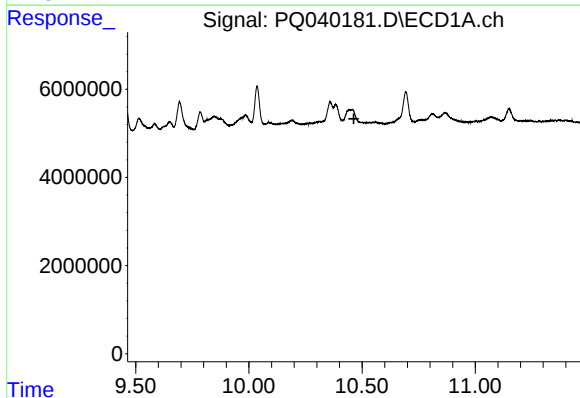
R.T.: 10.359 min
Delta R.T.: -0.005 min
Response: 501125
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



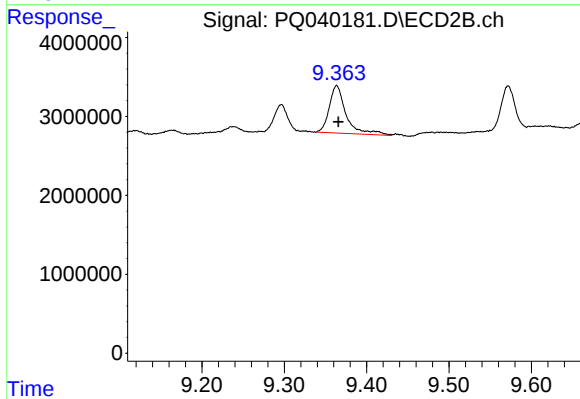
#41 AR-1268-1

R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 2790979
Conc: 6.12 ng/ml



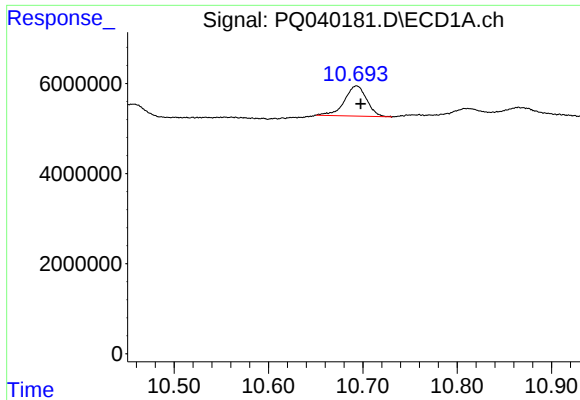
#42 AR-1268-2

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



#42 AR-1268-2

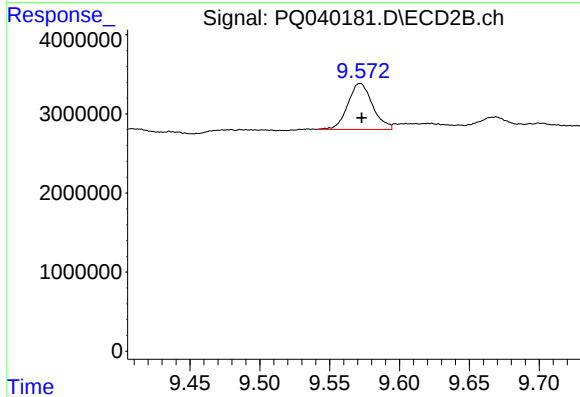
R.T.: 9.364 min
Delta R.T.: -0.002 min
Response: 8542003
Conc: 19.54 ng/ml



#43 AR-1268-3

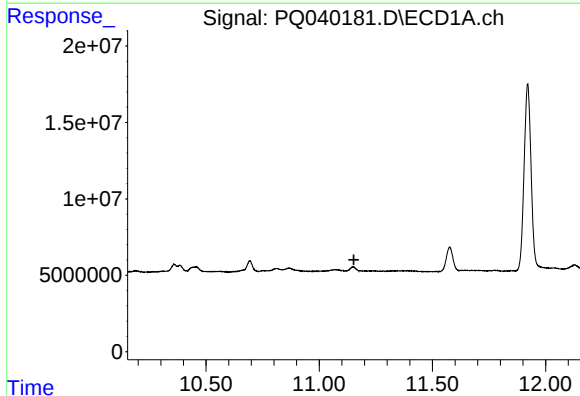
R.T.: 10.693 min
Delta R.T.: -0.005 min
Response: 10923563
Conc: 20.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



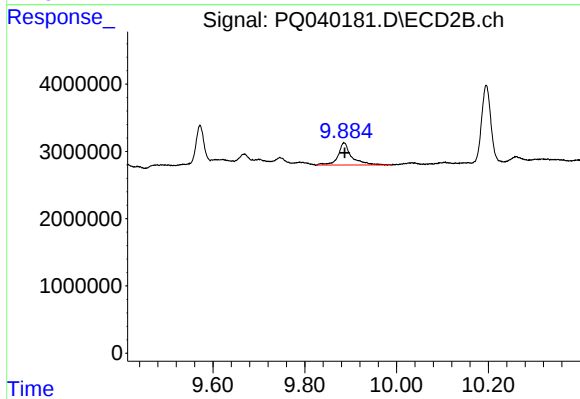
#43 AR-1268-3

R.T.: 9.572 min
Delta R.T.: -0.001 min
Response: 7141898
Conc: 19.02 ng/ml



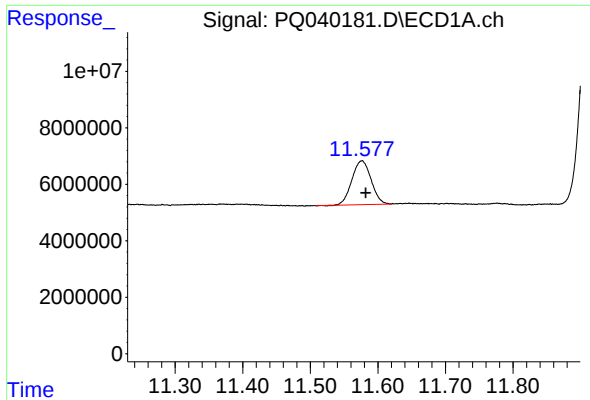
#44 AR-1268-4

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



#44 AR-1268-4

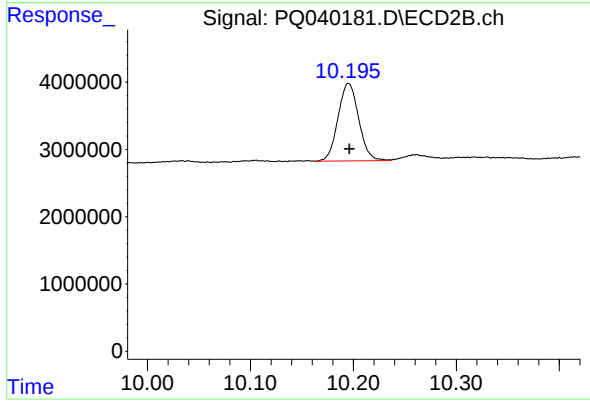
R.T.: 9.886 min
Delta R.T.: -0.001 min
Response: 6832463
Conc: 49.59 ng/ml



#45 AR-1268-5

R.T.: 11.576 min
Delta R.T.: -0.006 min
Response: 30608257
Conc: 16.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5



#45 AR-1268-5

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 16096498
Conc: 13.64 ng/ml