

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 11:27
 Operator : SM\AJ
 Sample : K3020-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMM2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:56:19 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	4.737	100.3E6	62269010	30.608	28.992
2)	SA Decachlor...	11.919	10.462	356.4E6	177.3E6	49.886	42.649
Target Compounds							
3)	L1 AR-1016-1	0.000	6.139	0	632933	N.D.	4.934 #
4)	L1 AR-1016-2	0.000	6.266	0	985291	N.D.	5.105 #
5)	L1 AR-1016-3	7.224	6.406	3571630	-1487803	20.926	N.D. #
6)	L1 AR-1016-4	7.224	6.472	3571630	618275	25.839	7.261 #
7)	L1 AR-1016-5	7.540	6.753	9400527	1083778	67.764	9.413 #
8)	L2 AR-1221-1	0.000	5.037	0	555471	N.D.	22.666 #
9)	L2 AR-1221-2	0.000	5.154	0	2967070	N.D.	182.166 #
10)	L2 AR-1221-3	0.000	5.257	0	578108	N.D.	9.507 #
11)	L3 AR-1232-1	0.000	5.257	0	578108	N.D.	12.616 #
12)	L3 AR-1232-2	0.000	6.266	0	985291	N.D.	16.425 #
14)	L3 AR-1232-4	7.224	6.543	3571630	5644748	85.449	191.035 #
15)	L3 AR-1232-5	0.000	6.753	0	1083778	N.D.	36.001 #
16)	L4 AR-1242-1	0.000	6.139	0	632933	N.D.	8.559 #
17)	L4 AR-1242-2	0.000	6.266	0	985291	N.D.	9.255 #
18)	L4 AR-1242-3	7.224	6.406	3571630	-1487803	38.367	N.D. #
19)	L4 AR-1242-4	7.224	6.543	3571630	5644748	47.488	94.710 #
20)	L4 AR-1242-5	8.041	7.144	72785642	13273641	839.573	164.709 #
21)	L5 AR-1248-1	0.000	6.139	0	632933	N.D.	10.984 #
22)	L5 AR-1248-2	0.000	6.472	0	618275	N.D.	7.032 #
23)	L5 AR-1248-3	7.540	6.543	9400527	5644748	68.106	62.384
24)	L5 AR-1248-4	8.041	6.753	72785642	1083778	482.121	9.814 #
25)	L5 AR-1248-5	8.041	7.216	72785642	4269997	483.438	37.609 #
26)	L6 AR-1254-1	8.041	7.144	72785642	13273641	417.363	69.301 #
27)	L6 AR-1254-2	8.259	7.301	9437443	6875906	34.125	39.578
28)	L6 AR-1254-3	0.000	7.762	0	6914779	N.D.	23.928 #
29)	L6 AR-1254-4	0.000	8.050	0	4873380	N.D.	27.295 #
30)	L6 AR-1254-5	9.455	8.446	9065890	1234633	31.479	4.792 #
31)	L7 AR-1260-1	0.000	7.895	0	7449833	N.D.	27.175 #
32)	L7 AR-1260-2	0.000	8.092	0	3466485	N.D.	10.021 #
33)	L7 AR-1260-3	9.455	8.256	9065890	1355550	27.482	4.227 #
34)	L7 AR-1260-4	9.710	8.745	9575376	6203402	25.982	22.830
35)	L7 AR-1260-5	10.036	9.006	6501486	6975453	8.443	10.377
36)	L8 AR-1262-1	9.455	8.536	9065890	2191140	65.216	19.297 #
37)	L8 AR-1262-2	10.036	9.006	6501486	6975453	11.234	14.059 #
38)	L8 AR-1262-3	10.359	9.295	29496450	18105519	69.762	86.114
39)	L8 AR-1262-4	10.457	9.363	21713486	14335289	57.489	37.861 #
40)	L8 AR-1262-5	11.146	9.885	11315867	11868770	48.161	73.204 #
41)	L9 AR-1268-1	10.359	9.295	29496450	18105519	48.967	39.676
42)	L9 AR-1268-2	10.457	9.363	21713486	14335289	35.288	32.790

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 Sample : K3020-16
 Misc :
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:56:19 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
43) L9	AR-1268-3	10.691	9.572	38262125	24686698	70.441	65.759
44) L9	AR-1268-4	11.146	9.885	11315867	11868770	55.480	86.140 #
45) L9	AR-1268-5	11.575	10.194	114.2E6	60907064	61.799	51.607

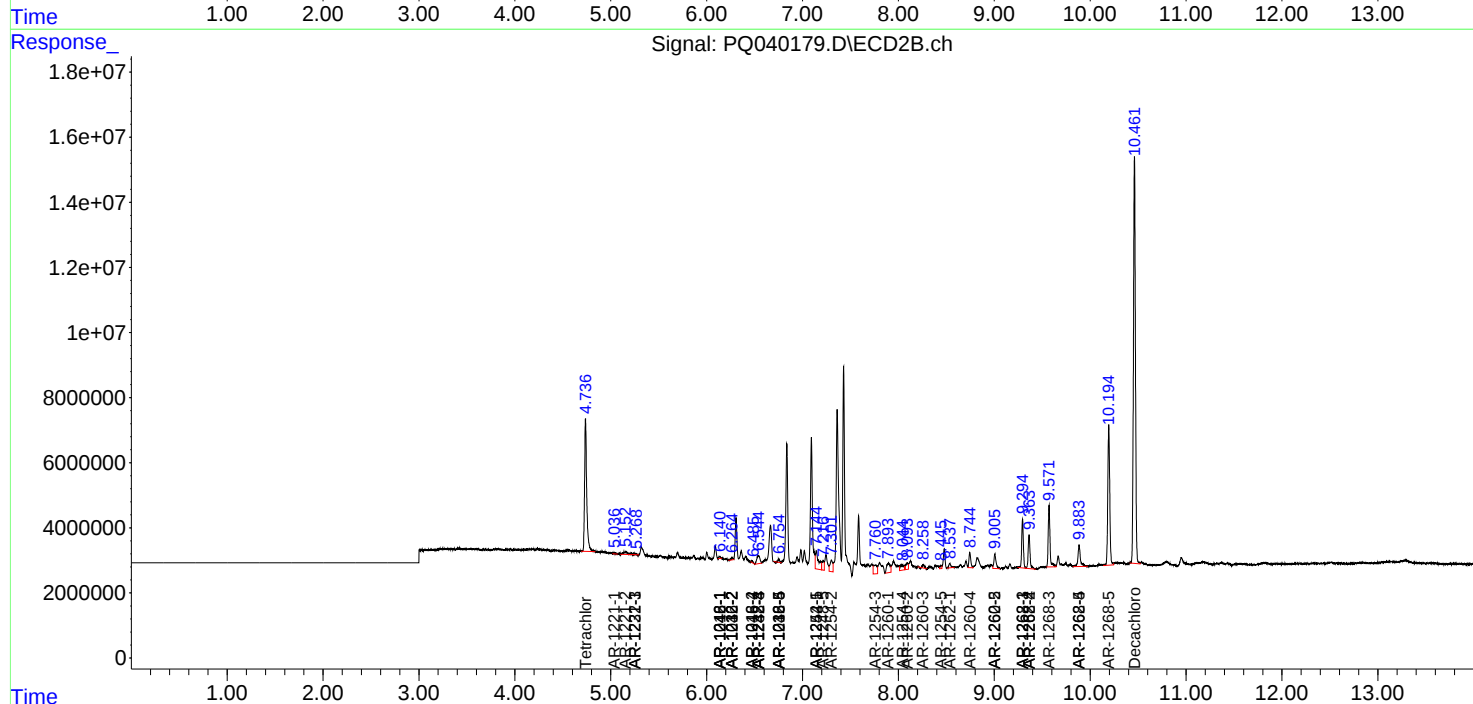
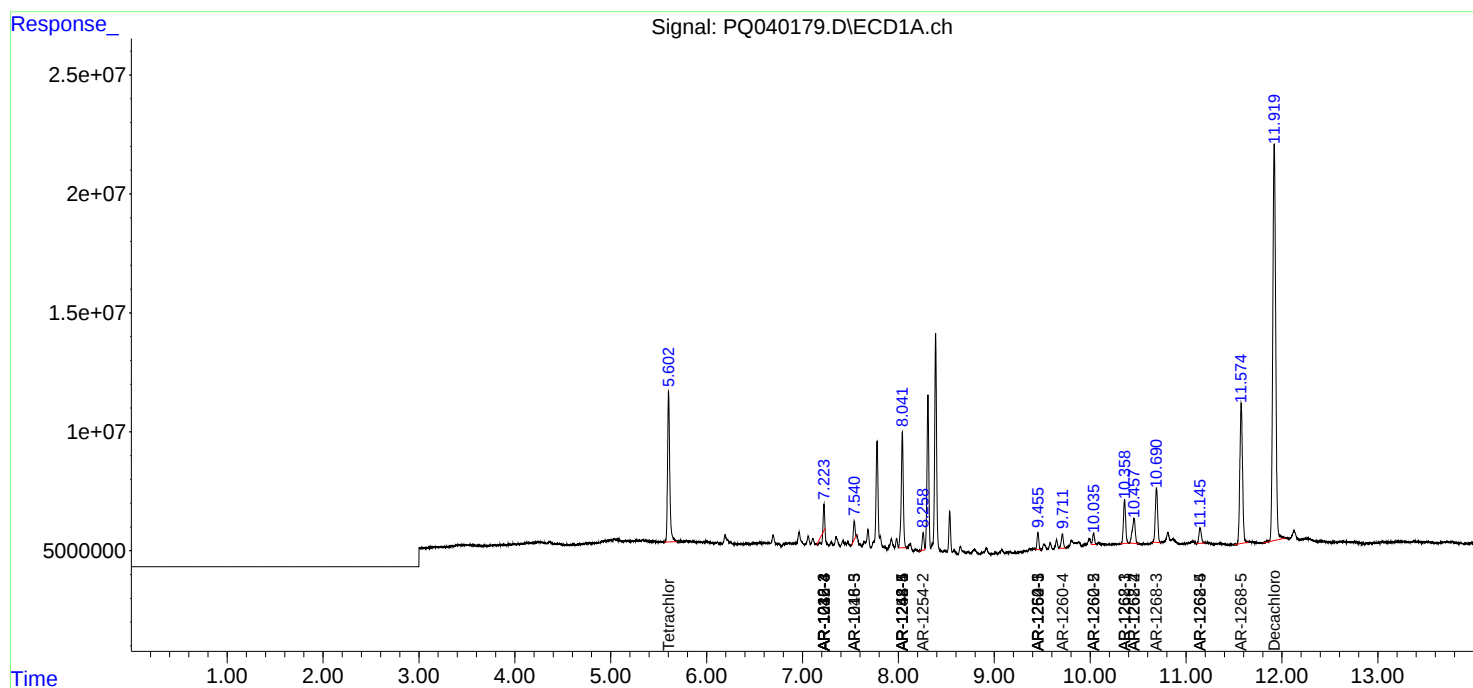
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

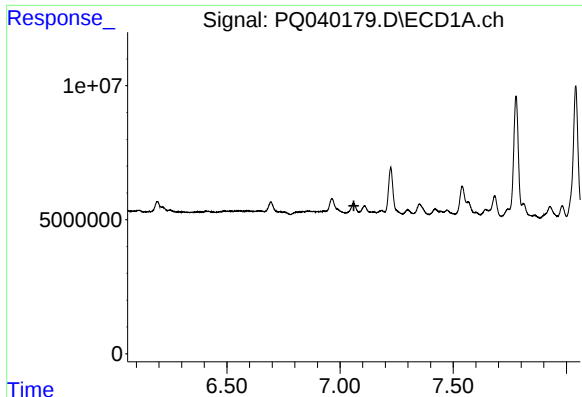
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
Data File : PQ040179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 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

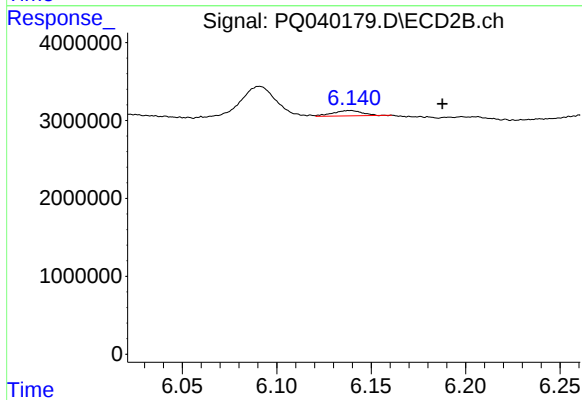




#3 AR-1016-1

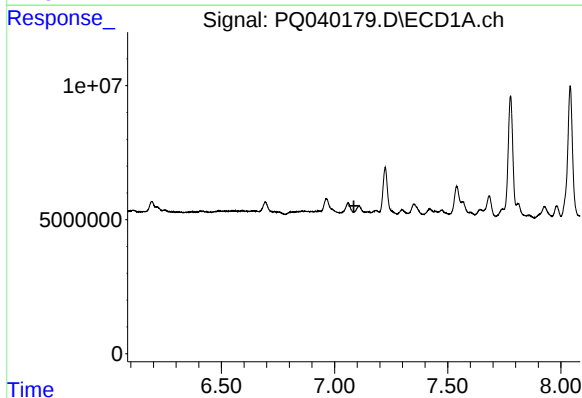
R.T.: 0.000 min
Exp R.T.: 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM2



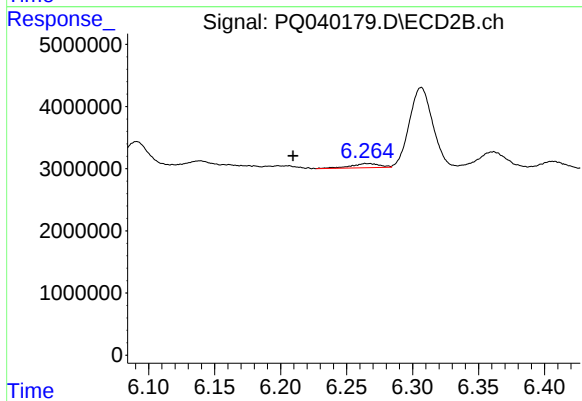
#3 AR-1016-1

R.T.: 6.139 min
Delta R.T.: -0.049 min
Response: 632933
Conc: 4.93 ng/ml



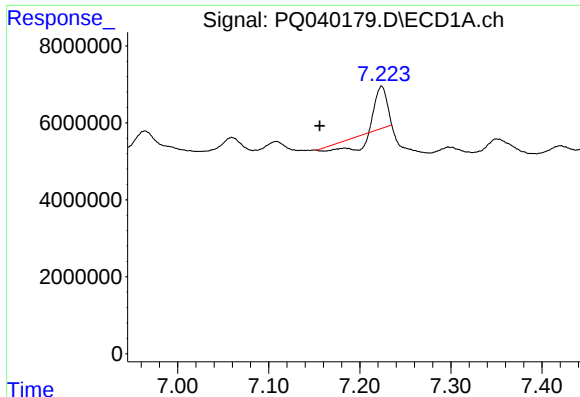
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.



#4 AR-1016-2

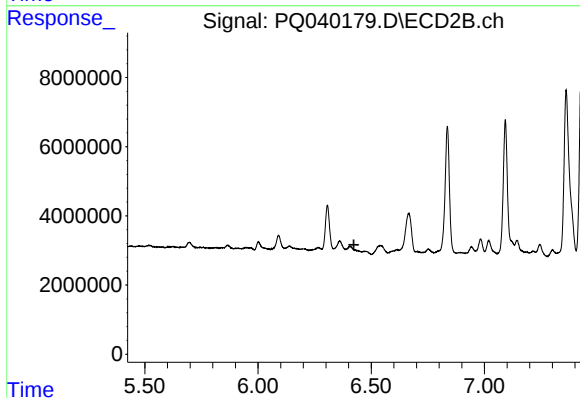
R.T.: 6.266 min
Delta R.T.: 0.057 min
Response: 985291
Conc: 5.10 ng/ml



#5 AR-1016-3

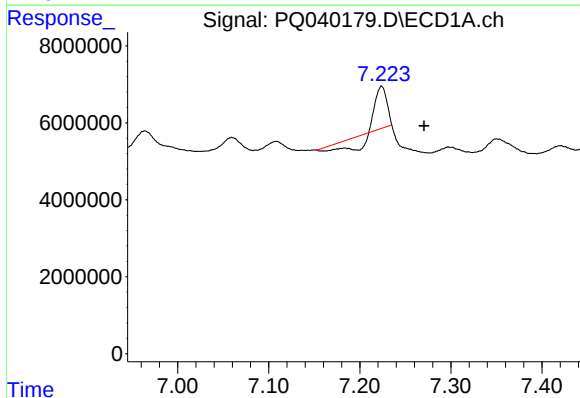
R.T.: 7.224 min
Delta R.T.: 0.068 min
Response: 3571630
Conc: 20.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



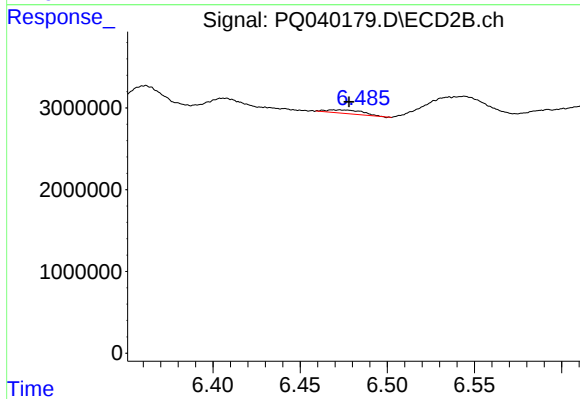
#5 AR-1016-3

R.T.: 6.406 min
Delta R.T.: -0.017 min
Response: -1487803
Conc: N.D.



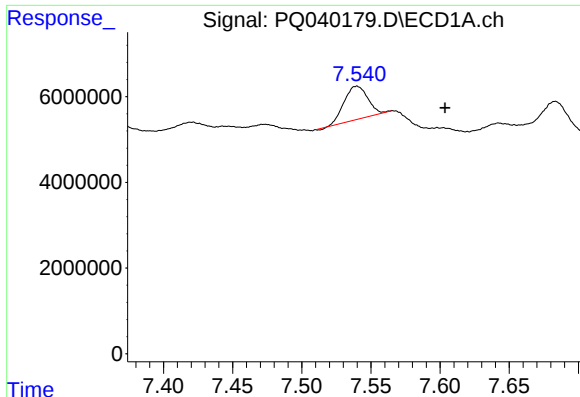
#6 AR-1016-4

R.T.: 7.224 min
Delta R.T.: -0.047 min
Response: 3571630
Conc: 25.84 ng/ml



#6 AR-1016-4

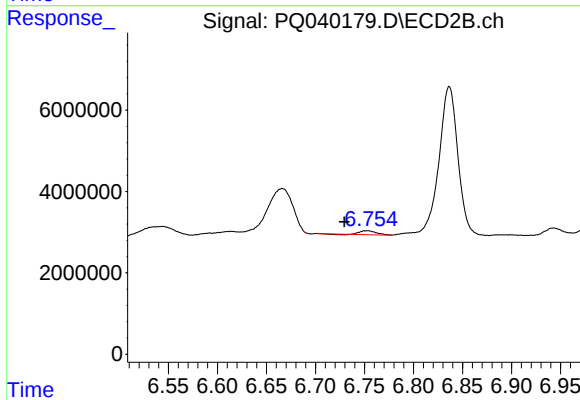
R.T.: 6.472 min
Delta R.T.: -0.006 min
Response: 618275
Conc: 7.26 ng/ml



#7 AR-1016-5

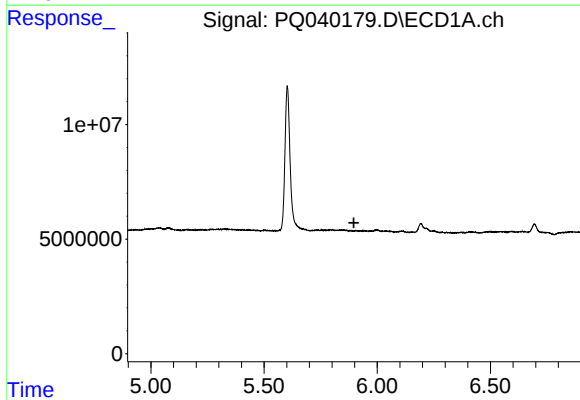
R.T.: 7.540 min
Delta R.T.: -0.064 min
Response: 9400527
Conc: 67.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



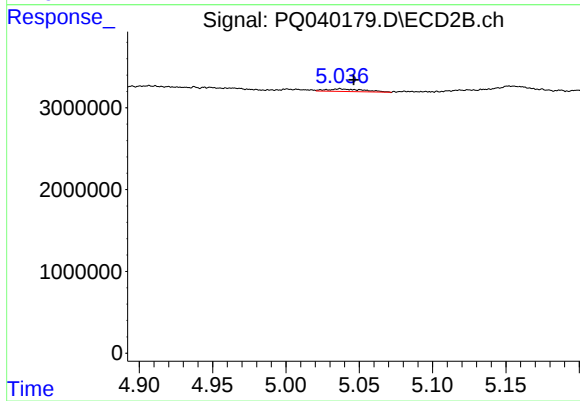
#7 AR-1016-5

R.T.: 6.753 min
Delta R.T.: 0.023 min
Response: 1083778
Conc: 9.41 ng/ml



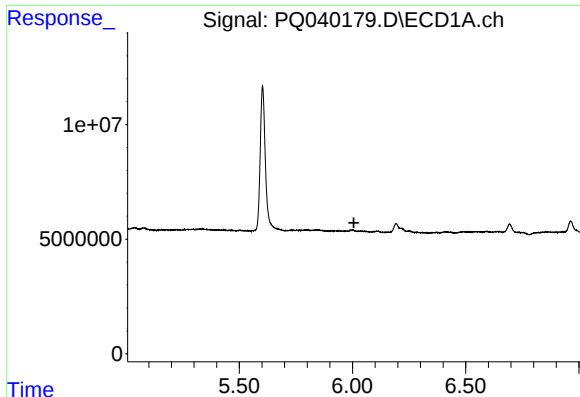
#8 AR-1221-1

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



#8 AR-1221-1

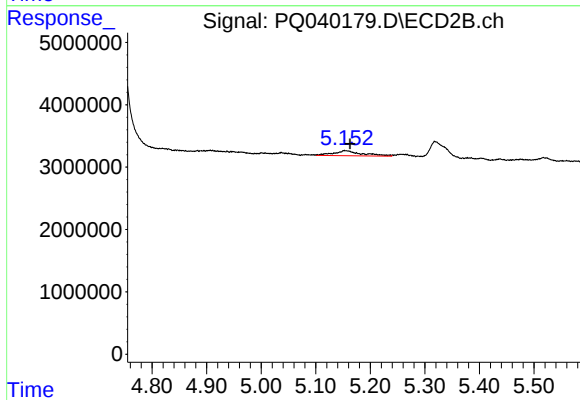
R.T.: 5.037 min
Delta R.T.: -0.009 min
Response: 555471
Conc: 22.67 ng/ml



#9 AR-1221-2

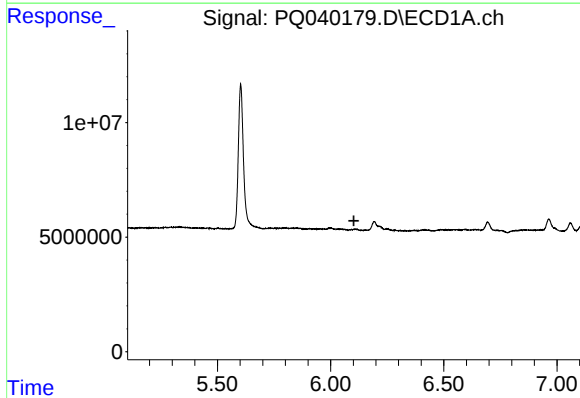
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM2



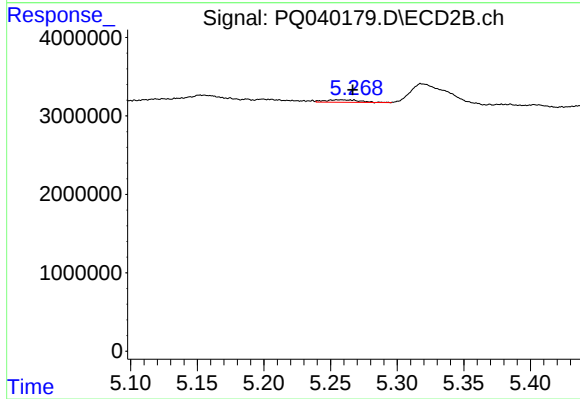
#9 AR-1221-2

R.T.: 5.154 min
Delta R.T.: -0.009 min
Response: 2967070
Conc: 182.17 ng/ml



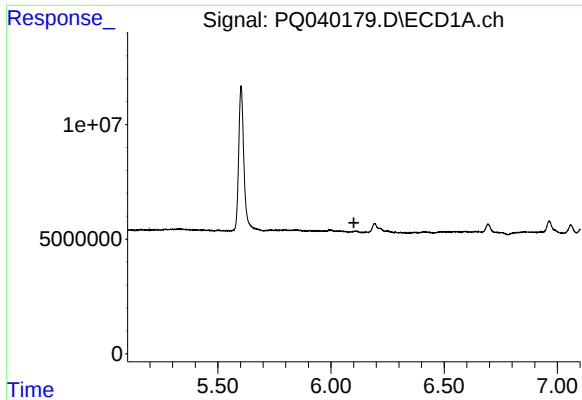
#10 AR-1221-3

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



#10 AR-1221-3

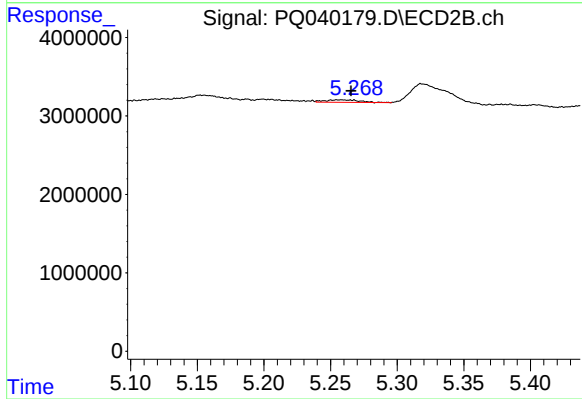
R.T.: 5.257 min
Delta R.T.: -0.010 min
Response: 578108
Conc: 9.51 ng/ml



#11 AR-1232-1

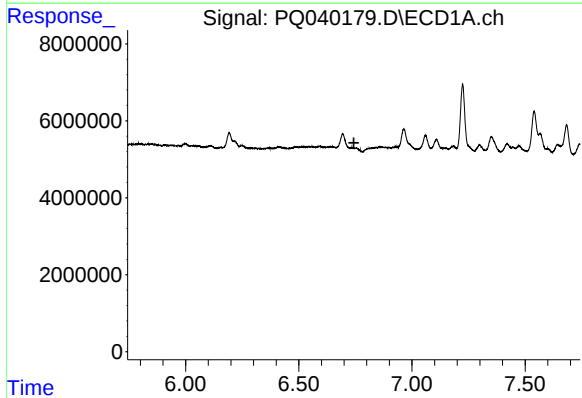
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM2



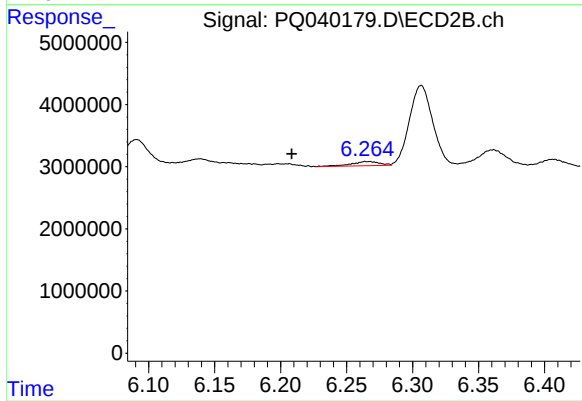
#11 AR-1232-1

R.T.: 5.257 min
Delta R.T.: -0.008 min
Response: 578108
Conc: 12.62 ng/ml



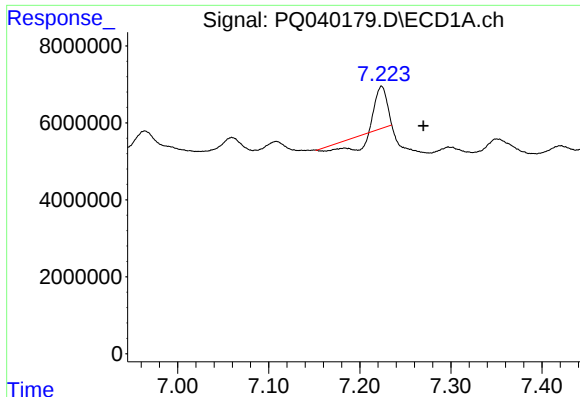
#12 AR-1232-2

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



#12 AR-1232-2

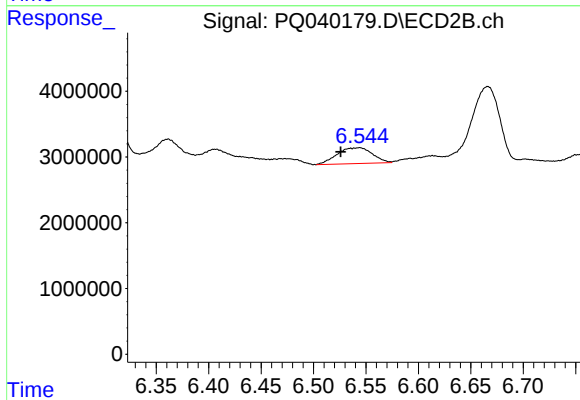
R.T.: 6.266 min
Delta R.T.: 0.058 min
Response: 985291
Conc: 16.43 ng/ml



#14 AR-1232-4

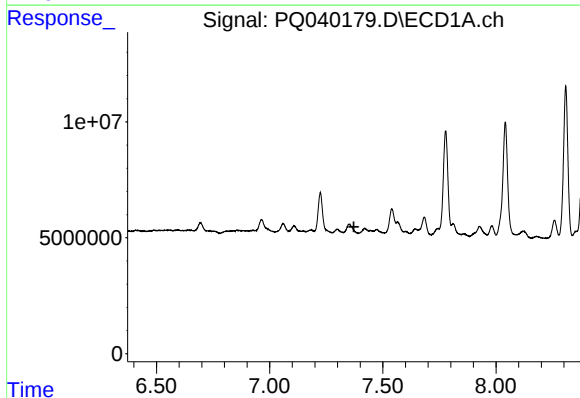
R.T.: 7.224 min
Delta R.T.: -0.046 min
Response: 3571630
Conc: 85.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



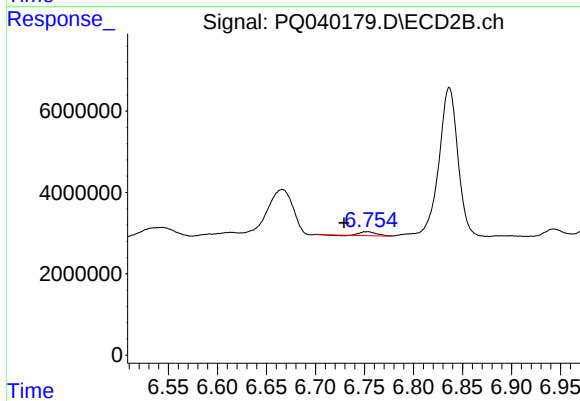
#14 AR-1232-4

R.T.: 6.543 min
Delta R.T.: 0.017 min
Response: 5644748
Conc: 191.03 ng/ml



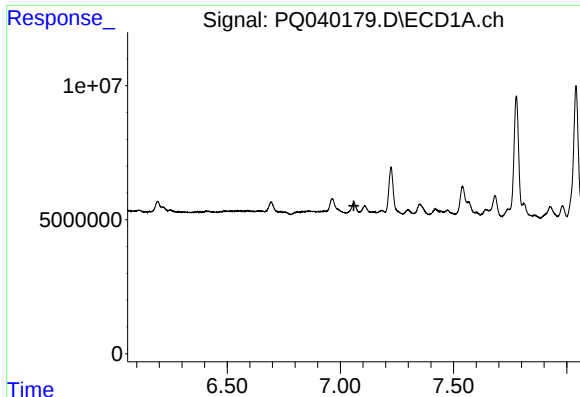
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 7.372 min
Response: 0
Conc: N.D.



#15 AR-1232-5

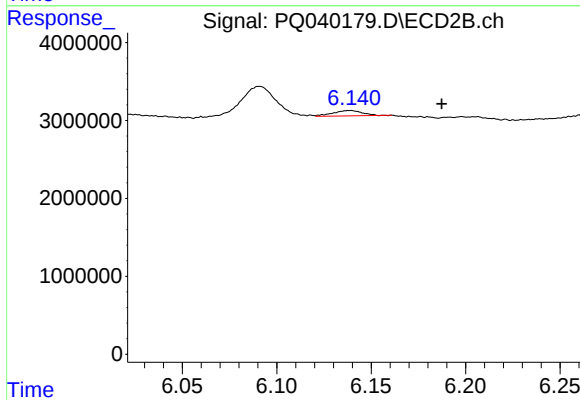
R.T.: 6.753 min
Delta R.T.: 0.024 min
Response: 1083778
Conc: 36.00 ng/ml



#16 AR-1242-1

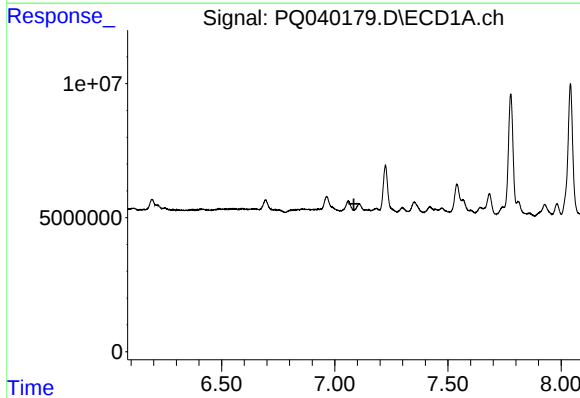
R.T.: 0.000 min
Exp R.T.: 7.060 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM2



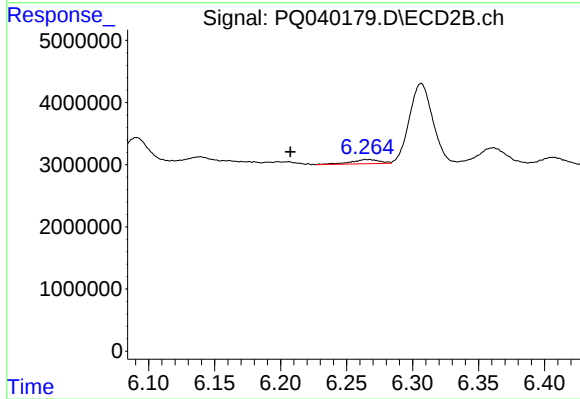
#16 AR-1242-1

R.T.: 6.139 min
Delta R.T.: -0.049 min
Response: 632933
Conc: 8.56 ng/ml



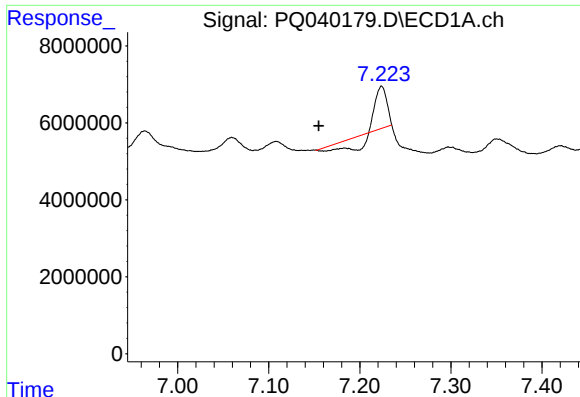
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.



#17 AR-1242-2

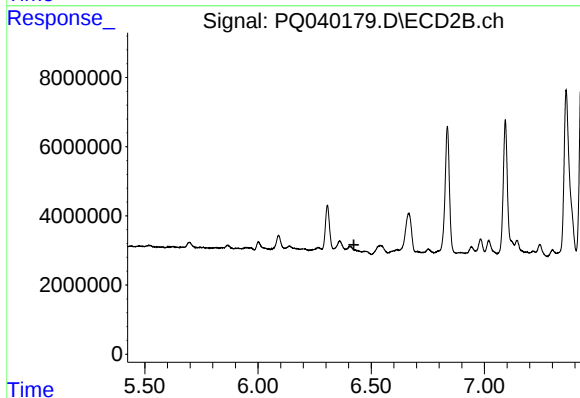
R.T.: 6.266 min
Delta R.T.: 0.059 min
Response: 985291
Conc: 9.26 ng/ml



#18 AR-1242-3

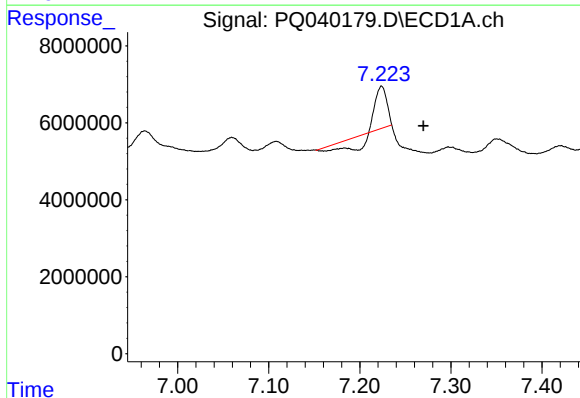
R.T.: 7.224 min
Delta R.T.: 0.069 min
Response: 3571630
Conc: 38.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



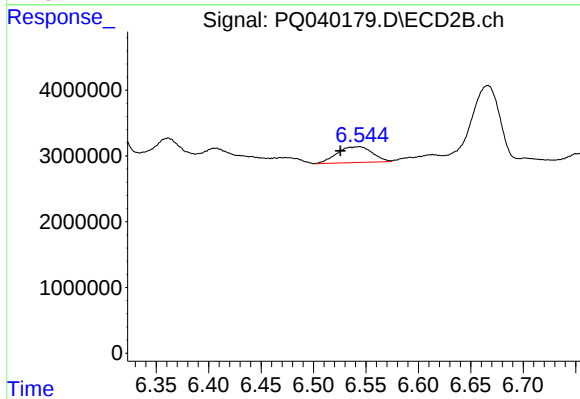
#18 AR-1242-3

R.T.: 6.406 min
Delta R.T.: -0.017 min
Response: -1487803
Conc: N.D.



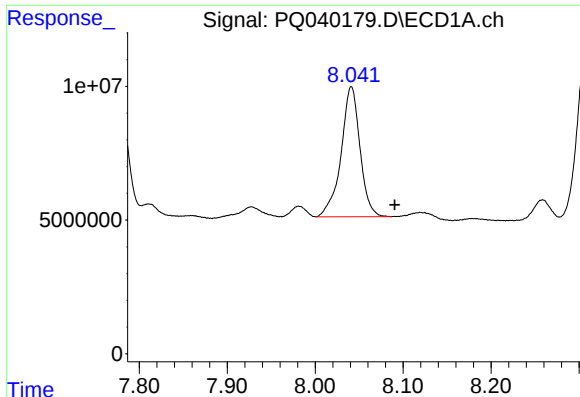
#19 AR-1242-4

R.T.: 7.224 min
Delta R.T.: -0.046 min
Response: 3571630
Conc: 47.49 ng/ml



#19 AR-1242-4

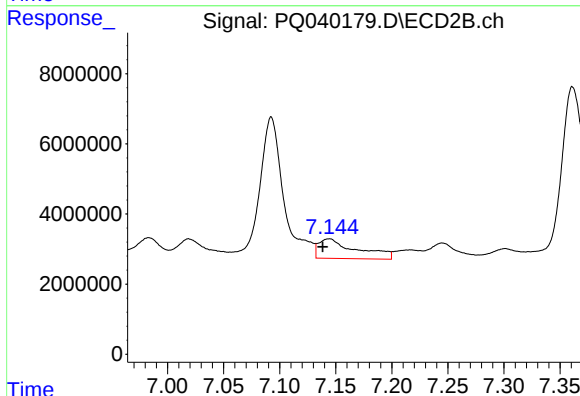
R.T.: 6.543 min
Delta R.T.: 0.017 min
Response: 5644748
Conc: 94.71 ng/ml



#20 AR-1242-5

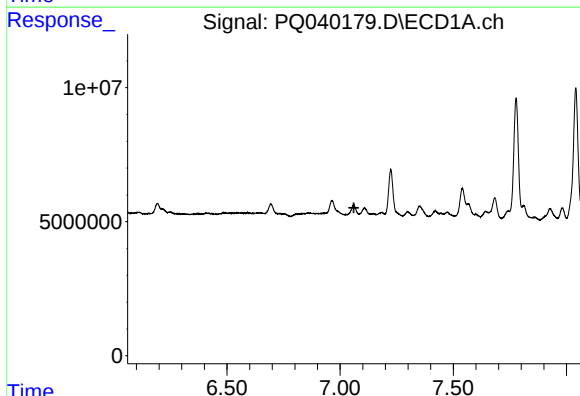
R.T.: 8.041 min
Delta R.T.: -0.049 min
Response: 72785642
Conc: 839.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



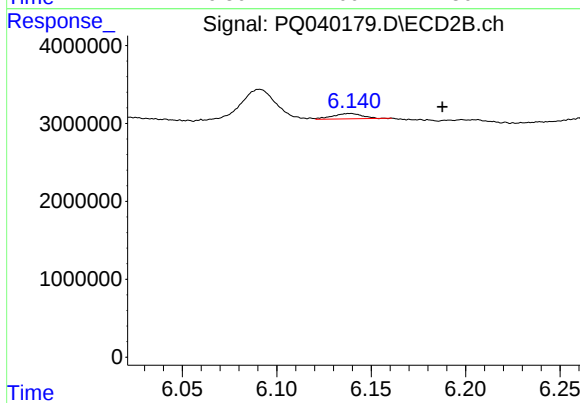
#20 AR-1242-5

R.T.: 7.144 min
Delta R.T.: 0.005 min
Response: 13273641
Conc: 164.71 ng/ml



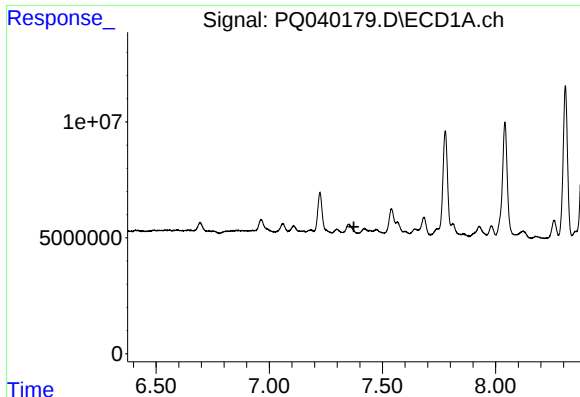
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 7.061 min
Response: 0
Conc: N.D.



#21 AR-1248-1

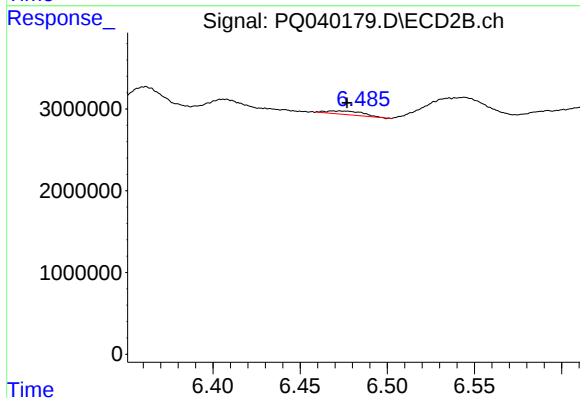
R.T.: 6.139 min
Delta R.T.: -0.049 min
Response: 632933
Conc: 10.98 ng/ml



#22 AR-1248-2

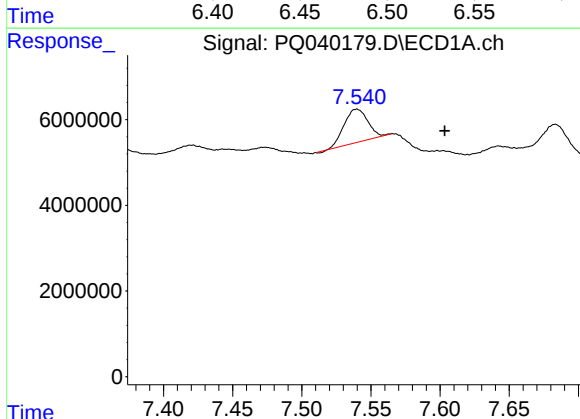
R.T.: 0.000 min
Exp R.T.: 7.374 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM2



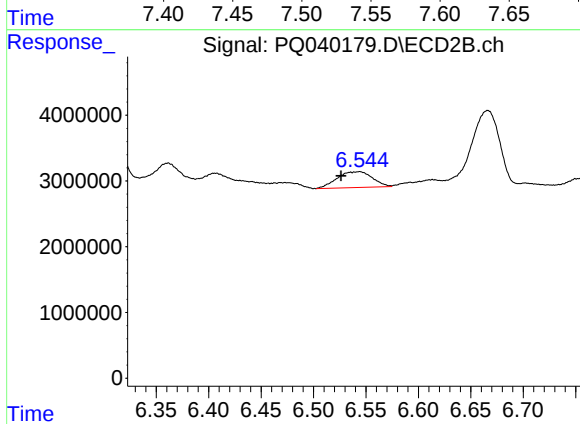
#22 AR-1248-2

R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 618275
Conc: 7.03 ng/ml



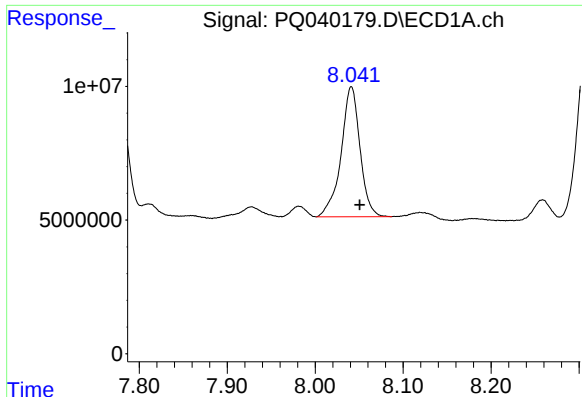
#23 AR-1248-3

R.T.: 7.540 min
Delta R.T.: -0.064 min
Response: 9400527
Conc: 68.11 ng/ml



#23 AR-1248-3

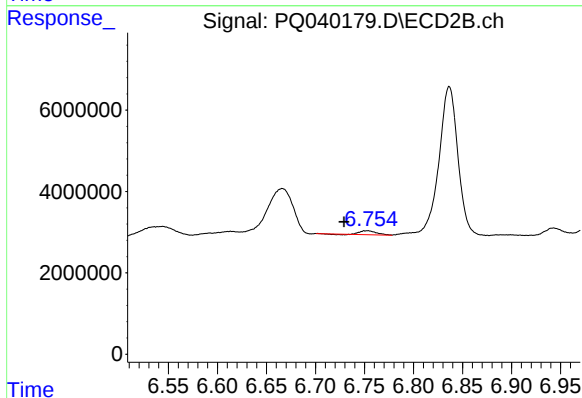
R.T.: 6.543 min
Delta R.T.: 0.017 min
Response: 5644748
Conc: 62.38 ng/ml



#24 AR-1248-4

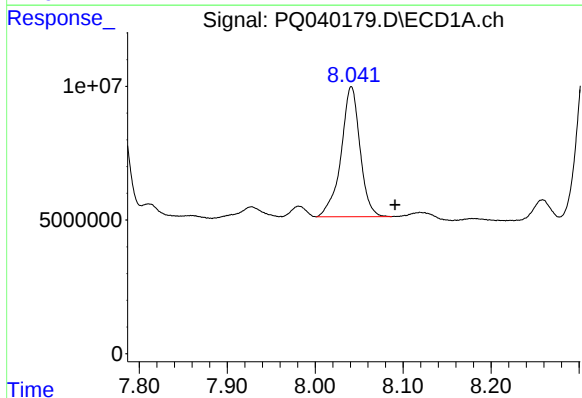
R.T.: 8.041 min
Delta R.T.: -0.009 min
Response: 72785642
Conc: 482.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



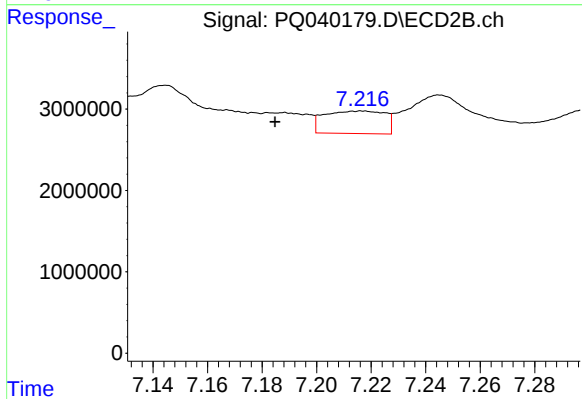
#24 AR-1248-4

R.T.: 6.753 min
Delta R.T.: 0.023 min
Response: 1083778
Conc: 9.81 ng/ml



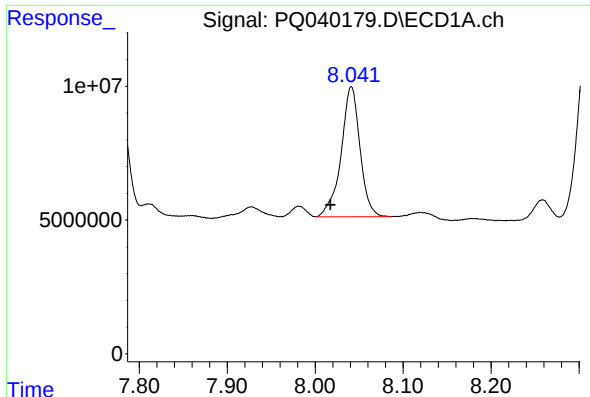
#25 AR-1248-5

R.T.: 8.041 min
Delta R.T.: -0.050 min
Response: 72785642
Conc: 483.44 ng/ml



#25 AR-1248-5

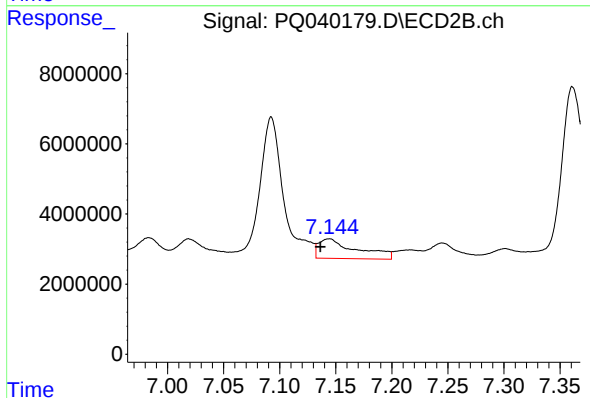
R.T.: 7.216 min
Delta R.T.: 0.031 min
Response: 4269997
Conc: 37.61 ng/ml



#26 AR-1254-1

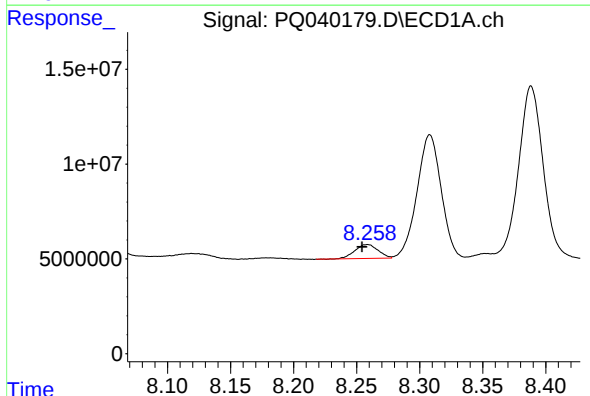
R.T.: 8.041 min
Delta R.T.: 0.024 min
Response: 72785642
Conc: 417.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



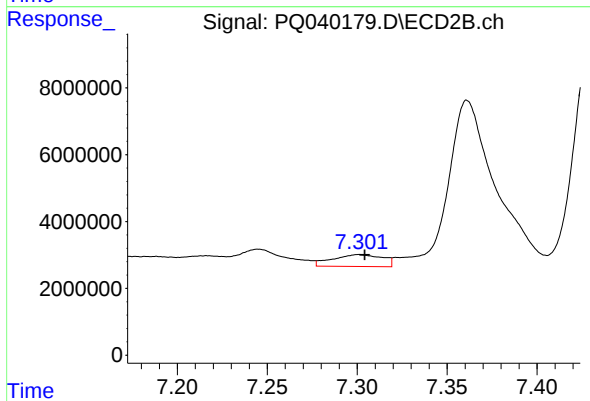
#26 AR-1254-1

R.T.: 7.144 min
Delta R.T.: 0.008 min
Response: 13273641
Conc: 69.30 ng/ml



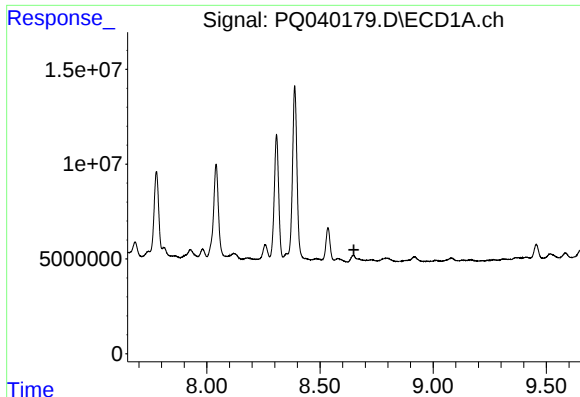
#27 AR-1254-2

R.T.: 8.259 min
Delta R.T.: 0.004 min
Response: 9437443
Conc: 34.13 ng/ml



#27 AR-1254-2

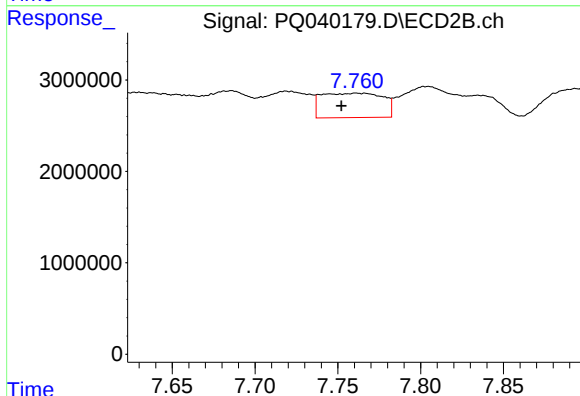
R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 6875906
Conc: 39.58 ng/ml



#28 AR-1254-3

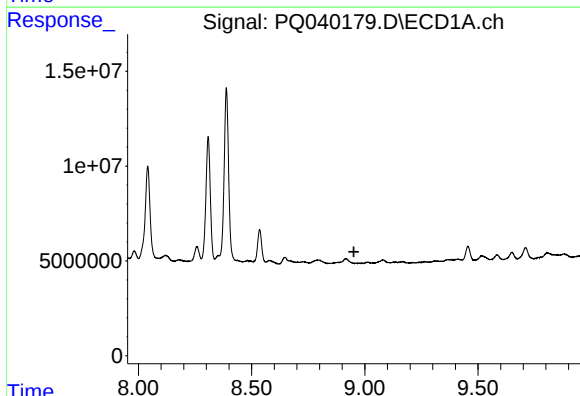
R.T.: 0.000 min
Exp R.T.: 8.650 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM2



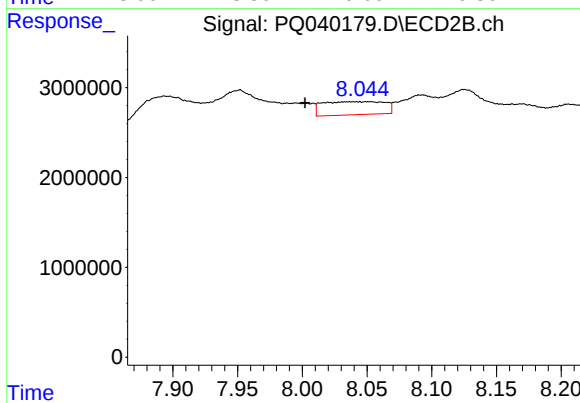
#28 AR-1254-3

R.T.: 7.762 min
Delta R.T.: 0.010 min
Response: 6914779
Conc: 23.93 ng/ml



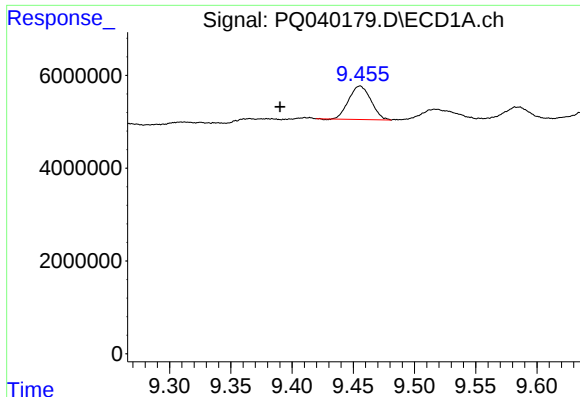
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.



#29 AR-1254-4

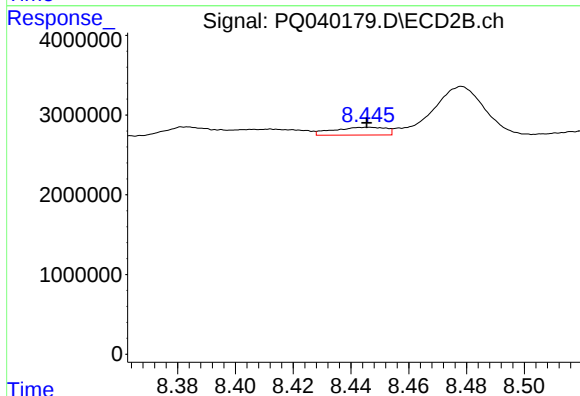
R.T.: 8.050 min
Delta R.T.: 0.048 min
Response: 4873380
Conc: 27.29 ng/ml



#30 AR-1254-5

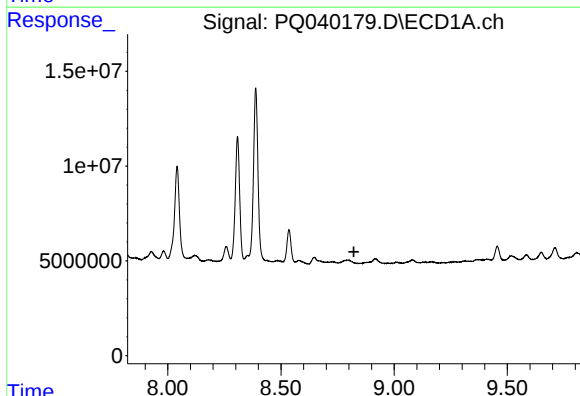
R.T.: 9.455 min
Delta R.T.: 0.065 min
Response: 9065890
Conc: 31.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



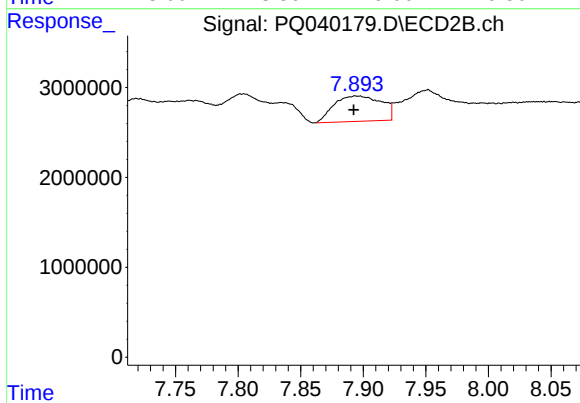
#30 AR-1254-5

R.T.: 8.446 min
Delta R.T.: 0.000 min
Response: 1234633
Conc: 4.79 ng/ml



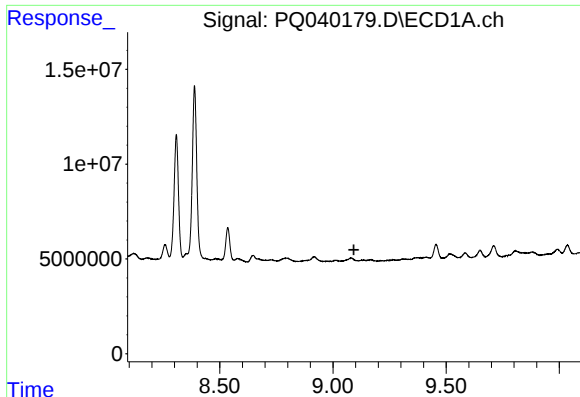
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.822 min
Response: 0
Conc: N.D.



#31 AR-1260-1

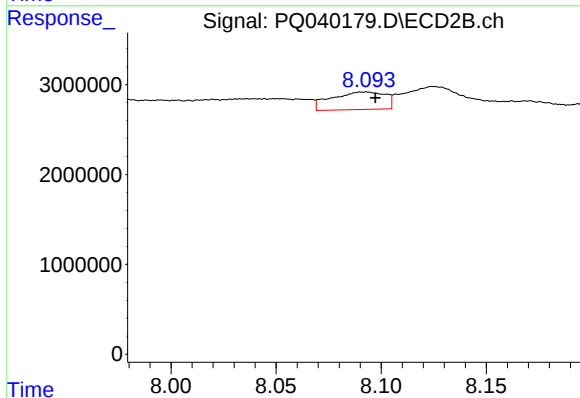
R.T.: 7.895 min
Delta R.T.: 0.002 min
Response: 7449833
Conc: 27.18 ng/ml



#32 AR-1260-2

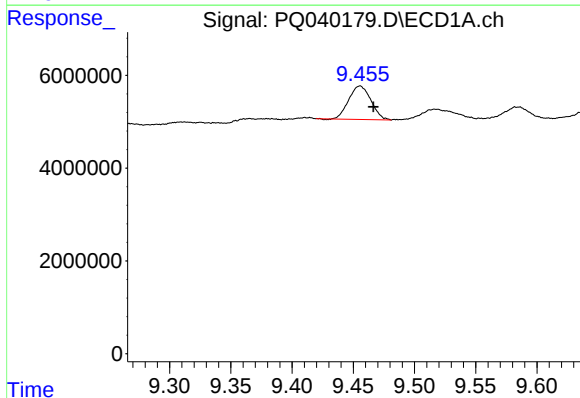
R.T.: 0.000 min
Exp R.T.: 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM2



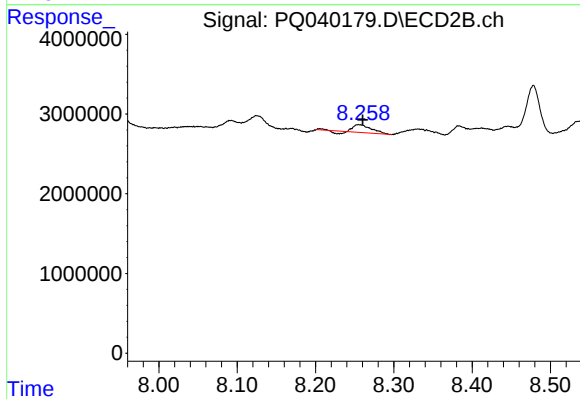
#32 AR-1260-2

R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 3466485
Conc: 10.02 ng/ml



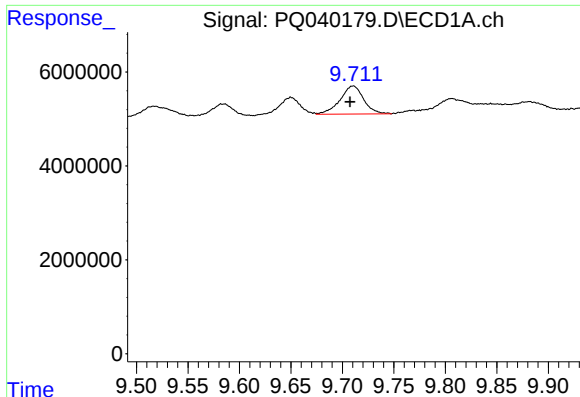
#33 AR-1260-3

R.T.: 9.455 min
Delta R.T.: -0.011 min
Response: 9065890
Conc: 27.48 ng/ml



#33 AR-1260-3

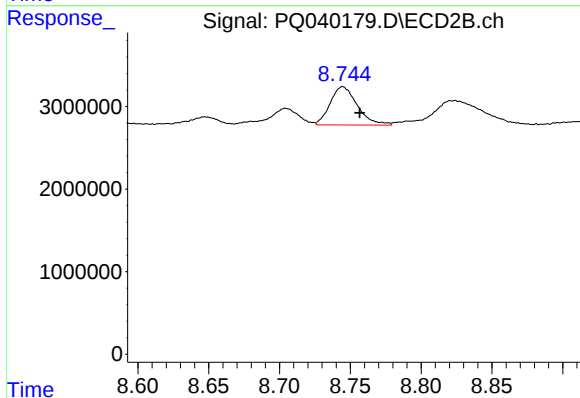
R.T.: 8.256 min
Delta R.T.: -0.004 min
Response: 1355550
Conc: 4.23 ng/ml



#34 AR-1260-4

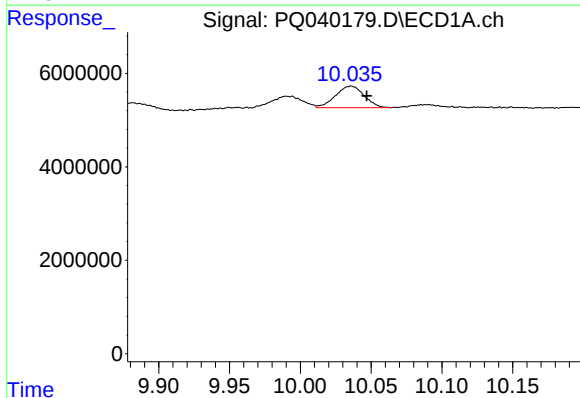
R.T.: 9.710 min
Delta R.T.: 0.003 min
Response: 9575376
Conc: 25.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



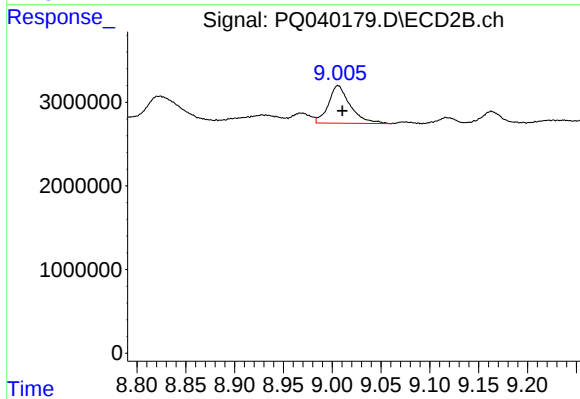
#34 AR-1260-4

R.T.: 8.745 min
Delta R.T.: -0.012 min
Response: 6203402
Conc: 22.83 ng/ml



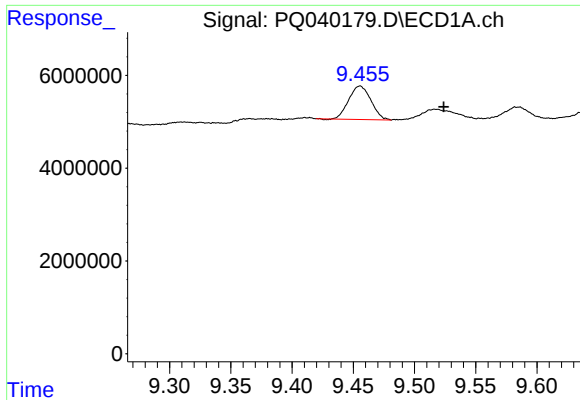
#35 AR-1260-5

R.T.: 10.036 min
Delta R.T.: -0.011 min
Response: 6501486
Conc: 8.44 ng/ml



#35 AR-1260-5

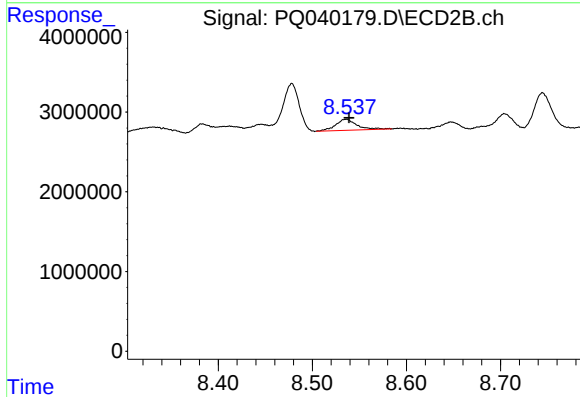
R.T.: 9.006 min
Delta R.T.: -0.004 min
Response: 6975453
Conc: 10.38 ng/ml



#36 AR-1262-1

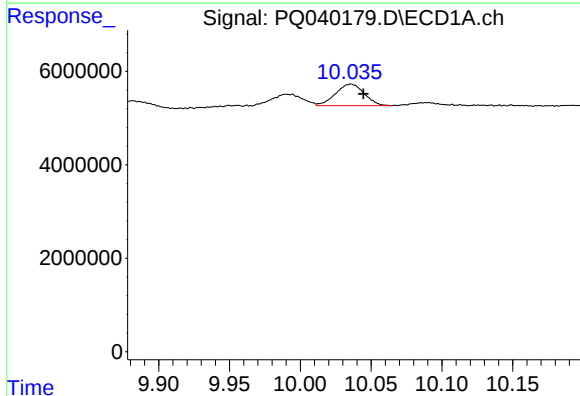
R.T.: 9.455 min
Delta R.T.: -0.068 min
Response: 9065890
Conc: 65.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



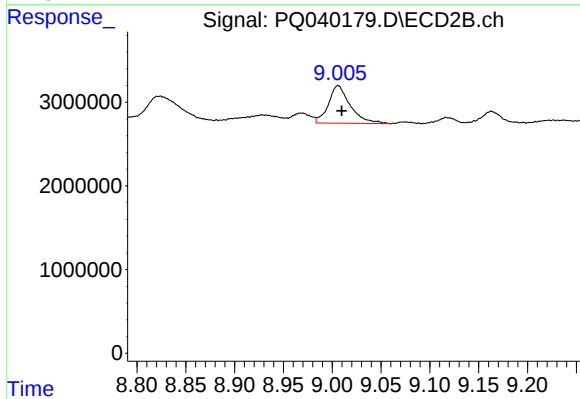
#36 AR-1262-1

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 2191140
Conc: 19.30 ng/ml



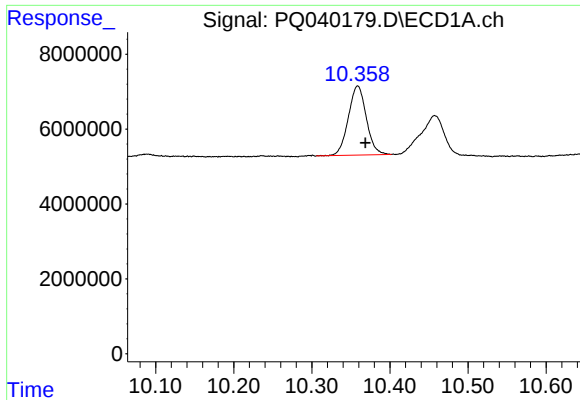
#37 AR-1262-2

R.T.: 10.036 min
Delta R.T.: -0.009 min
Response: 6501486
Conc: 11.23 ng/ml



#37 AR-1262-2

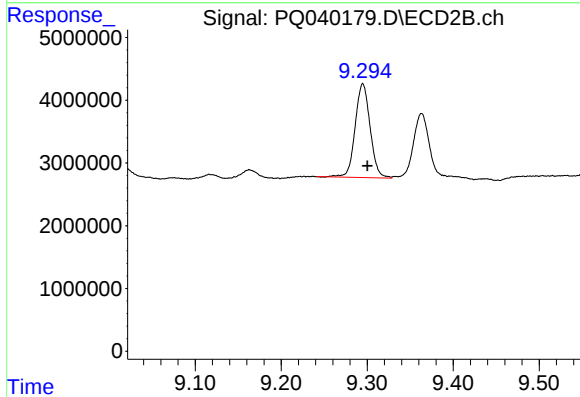
R.T.: 9.006 min
Delta R.T.: -0.004 min
Response: 6975453
Conc: 14.06 ng/ml



#38 AR-1262-3

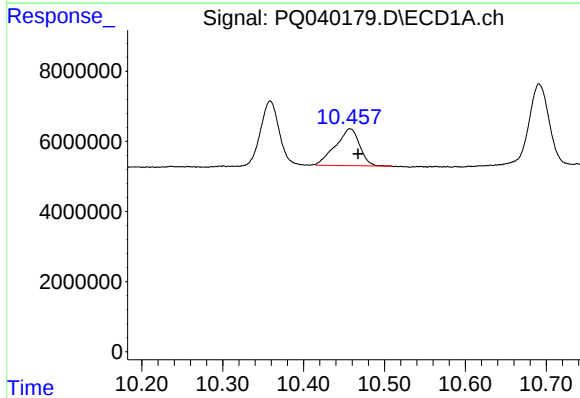
R.T.: 10.359 min
Delta R.T.: -0.010 min
Response: 29496450
Conc: 69.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



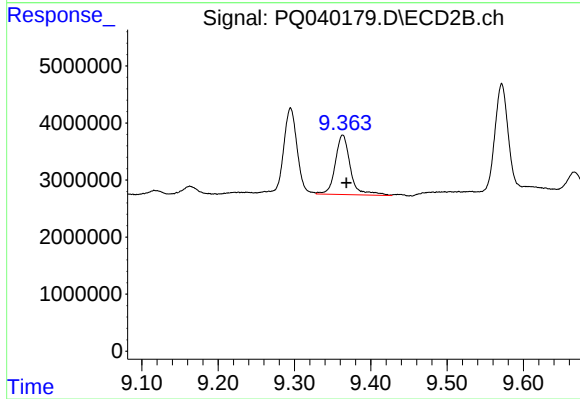
#38 AR-1262-3

R.T.: 9.295 min
Delta R.T.: -0.005 min
Response: 18105519
Conc: 86.11 ng/ml



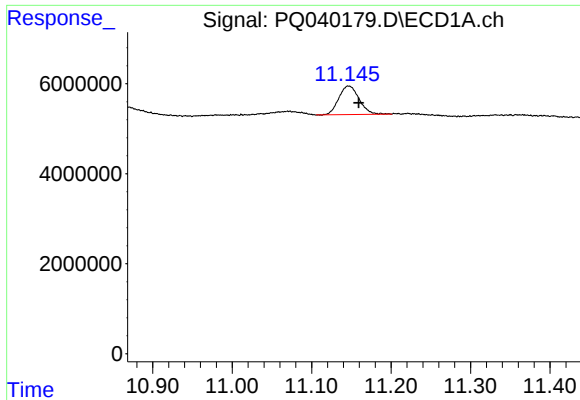
#39 AR-1262-4

R.T.: 10.457 min
Delta R.T.: -0.010 min
Response: 21713486
Conc: 57.49 ng/ml



#39 AR-1262-4

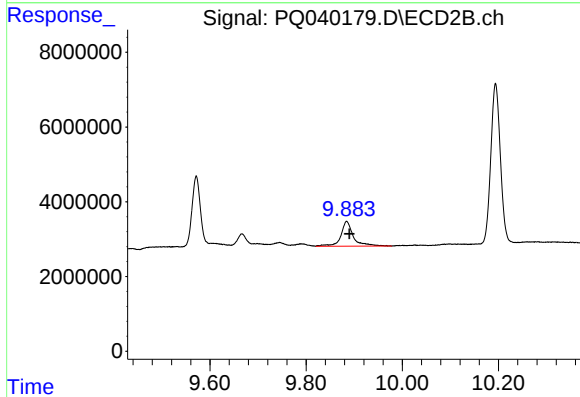
R.T.: 9.363 min
Delta R.T.: -0.005 min
Response: 14335289
Conc: 37.86 ng/ml



#40 AR-1262-5

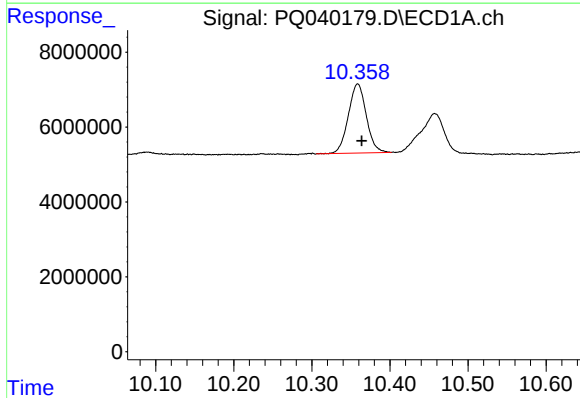
R.T.: 11.146 min
Delta R.T.: -0.013 min
Response: 11315867
Conc: 48.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



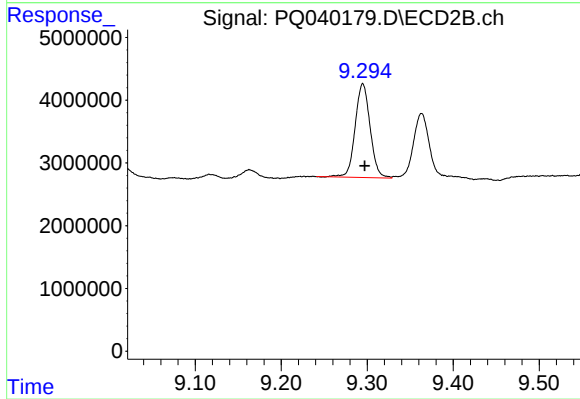
#40 AR-1262-5

R.T.: 9.885 min
Delta R.T.: -0.005 min
Response: 11868770
Conc: 73.20 ng/ml



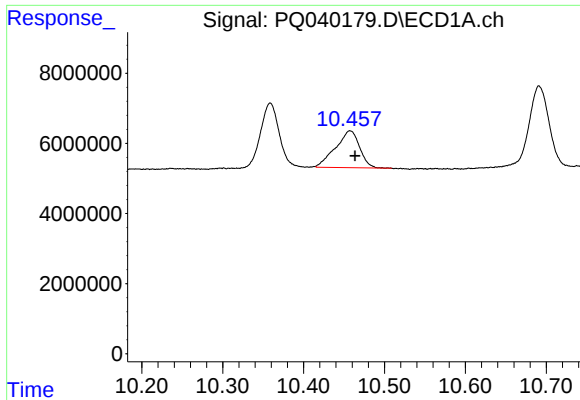
#41 AR-1268-1

R.T.: 10.359 min
Delta R.T.: -0.005 min
Response: 29496450
Conc: 48.97 ng/ml



#41 AR-1268-1

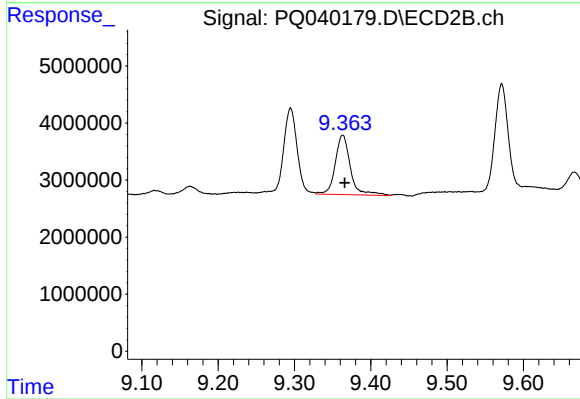
R.T.: 9.295 min
Delta R.T.: -0.002 min
Response: 18105519
Conc: 39.68 ng/ml



#42 AR-1268-2

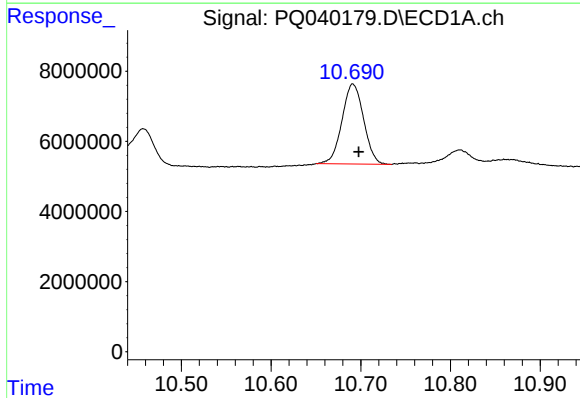
R.T.: 10.457 min
Delta R.T.: -0.006 min
Response: 21713486
Conc: 35.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



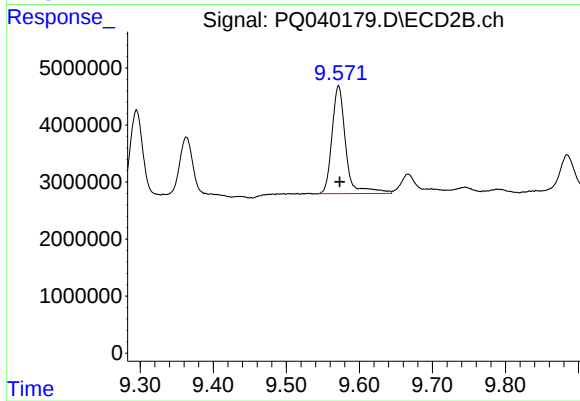
#42 AR-1268-2

R.T.: 9.363 min
Delta R.T.: -0.003 min
Response: 14335289
Conc: 32.79 ng/ml



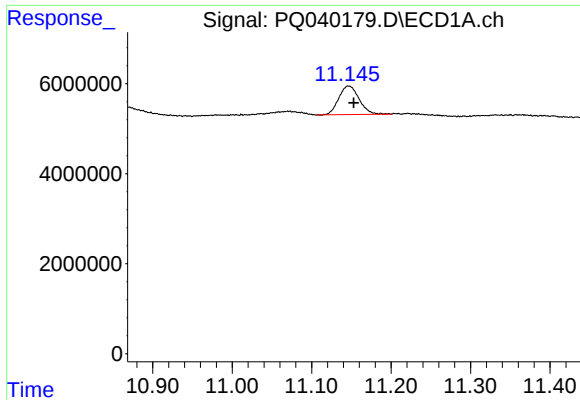
#43 AR-1268-3

R.T.: 10.691 min
Delta R.T.: -0.007 min
Response: 38262125
Conc: 70.44 ng/ml



#43 AR-1268-3

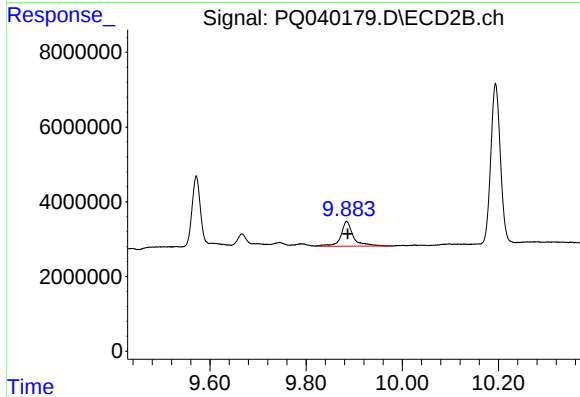
R.T.: 9.572 min
Delta R.T.: -0.002 min
Response: 24686698
Conc: 65.76 ng/ml



#44 AR-1268-4

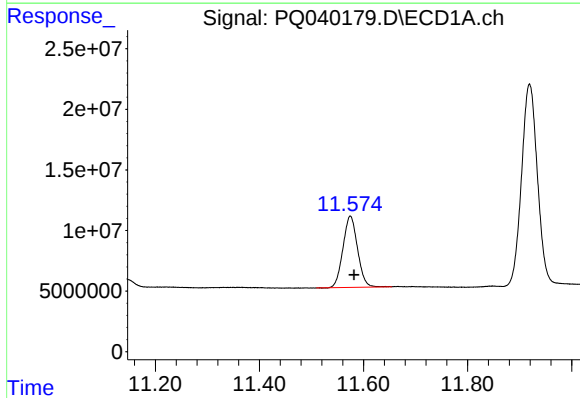
R.T.: 11.146 min
Delta R.T.: -0.007 min
Response: 11315867
Conc: 55.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM2



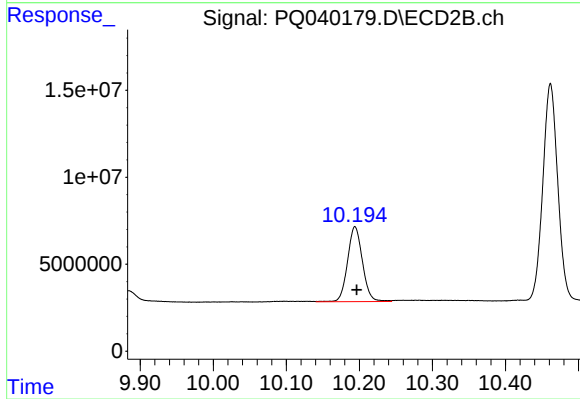
#44 AR-1268-4

R.T.: 9.885 min
Delta R.T.: -0.002 min
Response: 11868770
Conc: 86.14 ng/ml



#45 AR-1268-5

R.T.: 11.575 min
Delta R.T.: -0.007 min
Response: 114195185
Conc: 61.80 ng/ml



#45 AR-1268-5

R.T.: 10.194 min
Delta R.T.: -0.002 min
Response: 60907064
Conc: 51.61 ng/ml