

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101419\
 Data File : PQ044328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2019 13:06
 Operator : HP\AJ
 Sample : K5343-06DL 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 C0AY6DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 13:58:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 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...	5.324	0.000	1776301	0	0.457	N.D. #
2)	SA Decachlor...	11.613	9.801	5720901	4307560	1.068	0.720 #
Target Compounds							
3)	L1 AR-1016-1	6.680	5.658	21382381	8884795	188.414	64.771 #
4)	L1 AR-1016-2	6.680	5.658	21382381	8884795	132.538	40.125 #
5)	L1 AR-1016-3	6.748	5.859	2146160	8716397	21.085	83.525 #
6)	L1 AR-1016-4	6.843	5.902	7116488	880.2E6	86.127	9418.039 #
7)	L1 AR-1016-5	7.162	6.137	368.8E6	602.7E6	4876.226	4928.814
12)	L3 AR-1232-2	6.350	5.658	2368370	8884795	60.970	84.240 #
13)	L3 AR-1232-3	6.680	5.859	21382381	8716397	278.720	176.381 #
14)	L3 AR-1232-4	6.843	5.947	7116488	313.2E6	187.617	6640.036 #
15)	L3 AR-1232-5	6.941	6.137	607.8E6	602.7E6	21558.356	11025.553 #
16)	L4 AR-1242-1	6.680	5.658	21382381	8884795	219.016	74.961 #
17)	L4 AR-1242-2	6.680	5.658	21382381	8884795	153.725	47.095 #
18)	L4 AR-1242-3	6.748	5.859	2146160	8716397	24.149	94.243 #
19)	L4 AR-1242-4	6.843	5.947	7116488	313.2E6	99.628	3186.077 #
20)	L4 AR-1242-5	7.635	6.521	424.2E6	1969.2E6	5580.130	15453.697 #
21)	L5 AR-1248-1	6.680	5.658	21382381	8884795	291.405	98.118 #
22)	L5 AR-1248-2	6.941	5.902	607.8E6	880.2E6	6136.137	6350.081
23)	L5 AR-1248-3	7.162	5.947	368.8E6	313.2E6	3415.019	2214.274 #
24)	L5 AR-1248-4	7.563	6.137	1262.3E6	602.7E6	10026.283	3508.829 #
25)	L5 AR-1248-5	7.635	6.565	424.2E6	400.5E6	3503.761	2392.211 #
26)	L6 AR-1254-1	7.563	6.521	1262.3E6	1969.2E6	9381.316	6751.503 #
27)	L6 AR-1254-2	7.793	6.679	1931.7E6	2623.9E6	9042.571	10049.349
28)	L6 AR-1254-3	8.179	7.108	2501.1E6	4808.5E6	10165.242	11005.753
29)	L6 AR-1254-4	8.476	7.347	2209.7E6	3456.2E6	11017.946	12866.409
30)	L6 AR-1254-5	8.911	7.782	2809.3E6	4820.1E6	11737.614	12054.402
31)	L7 AR-1260-1	8.349	7.244	822.6E6	2195.2E6	5464.630	9028.566 #
32)	L7 AR-1260-2	8.613	7.440	1188.8E6	2024.4E6	6040.144	6706.390
33)	L7 AR-1260-3	8.977	7.600	245.8E6	1853.0E6	1533.301	6584.569 #
34)	L7 AR-1260-4	9.226	8.088	974.4E6	186.2E6	4990.623	740.252 #
35)	L7 AR-1260-5	9.589	8.334	465.1E6	549.6E6	1017.419	857.480
36)	L8 AR-1262-1	9.050	7.782	68149475	4820.1E6	627.485	24699.782 #
37)	L8 AR-1262-2	9.589	8.334	465.1E6	549.6E6	807.720	694.627
38)	L8 AR-1262-3	9.956	8.625	322.3E6	26204723	777.001	82.628 #
39)	L8 AR-1262-4	10.011	8.689	87051833	542.3E6	276.336	889.856 #
40)	L8 AR-1262-5	10.768	9.210	37924375	41118412	149.197	146.645
41)	L9 AR-1268-1	9.956	8.625	322.3E6	26204723	450.801	27.169 #
42)	L9 AR-1268-2	10.011	8.689	87051833	542.3E6	128.097	596.363 #
43)	L9 AR-1268-3	10.349	8.950	4249468	18398436	7.404	24.289 #
44)	L9 AR-1268-4	10.768	9.210	37924375	41118412	131.634	125.748
45)	L9 AR-1268-5	11.232	9.524	10190526	10532884	4.687	4.044

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 13:58:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 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

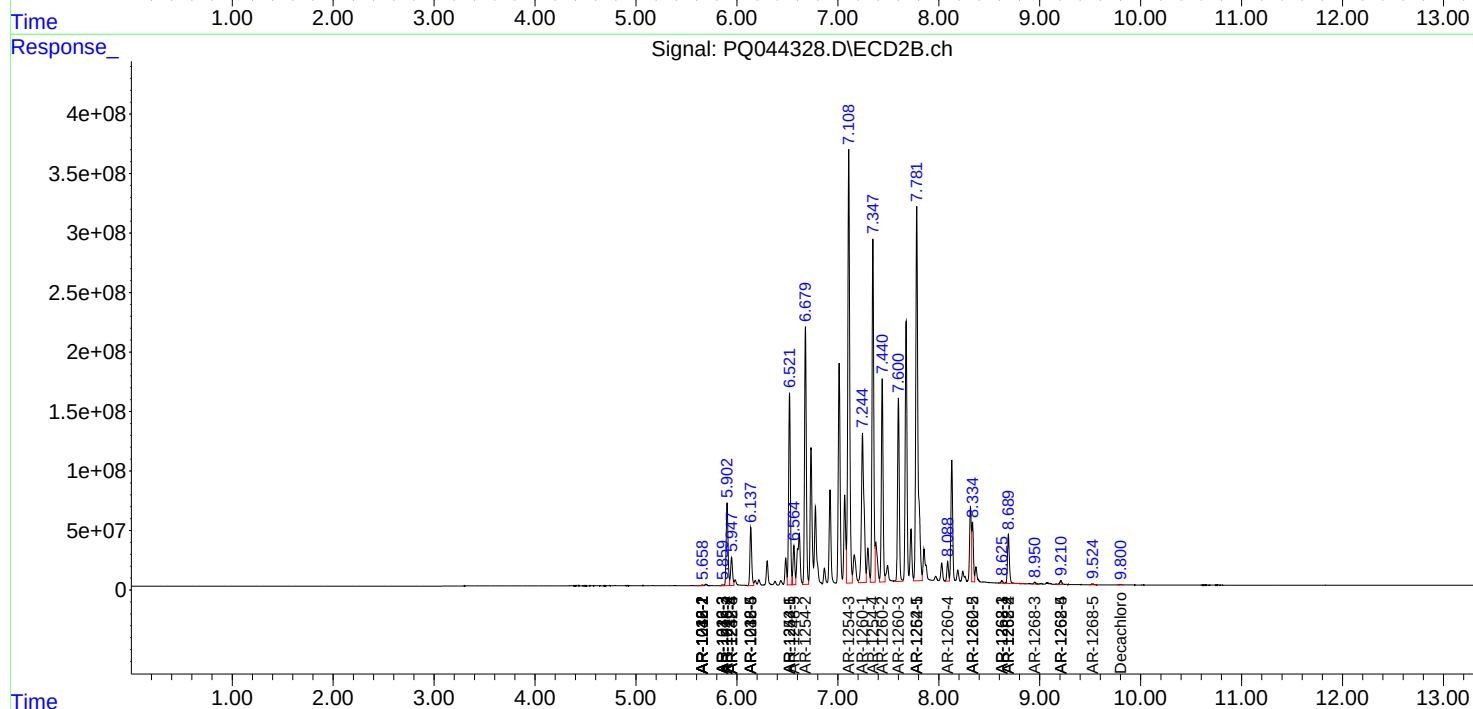
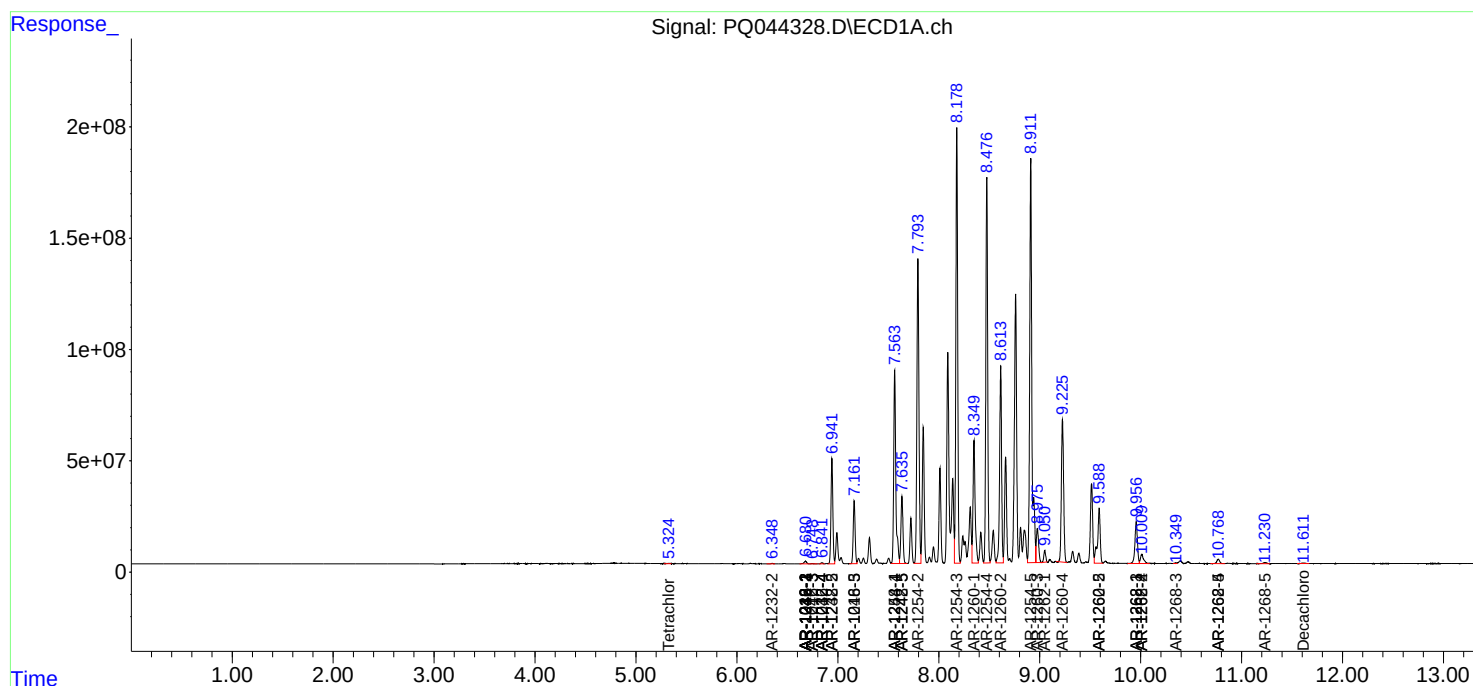
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

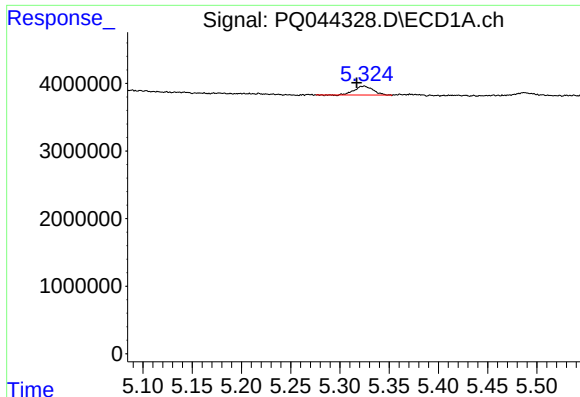
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101419\
Data File : PQ044328.D
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Misc :
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Integration File signal 1: autoint1.e
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

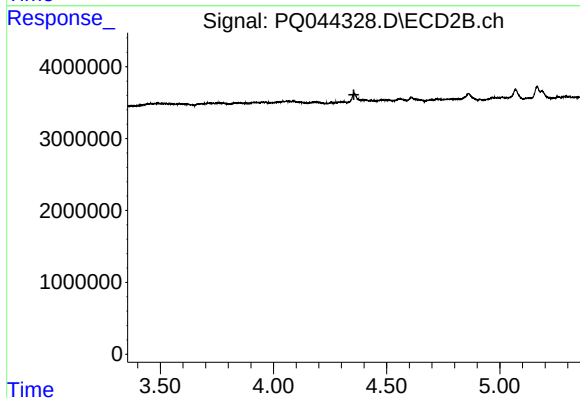




#1 Tetrachloro-m-xylene

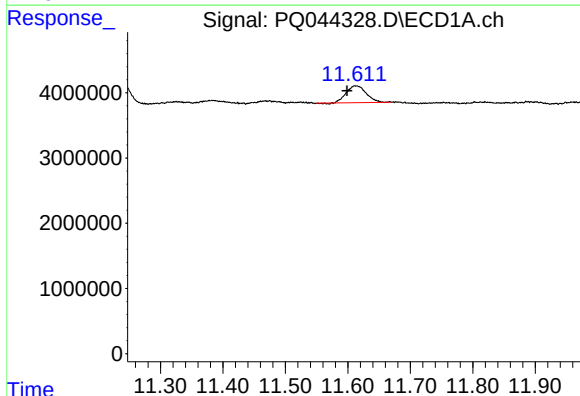
R.T.: 5.324 min
Delta R.T.: 0.007 min
Response: 1776301
Conc: 0.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



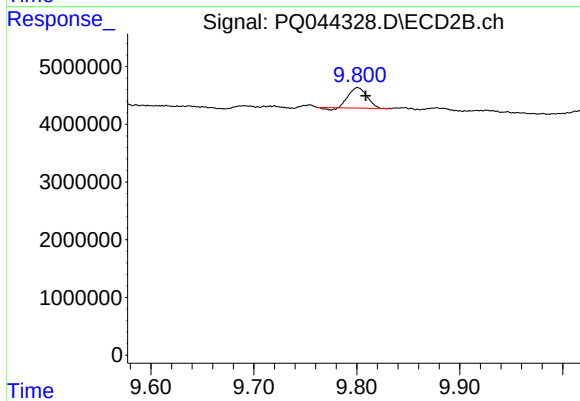
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 4.355 min
Response: 0
Conc: N.D.



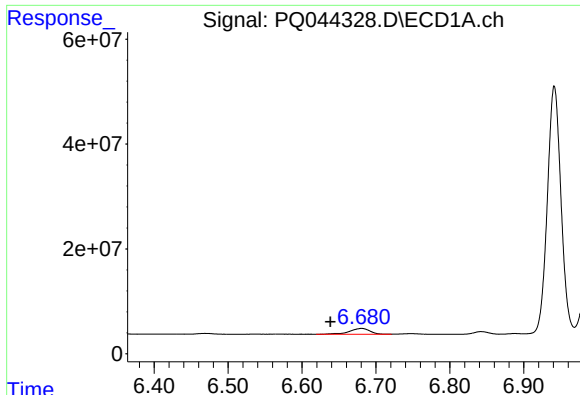
#2 Decachlorobiphenyl

R.T.: 11.613 min
Delta R.T.: 0.014 min
Response: 5720901
Conc: 1.07 ng/ml



#2 Decachlorobiphenyl

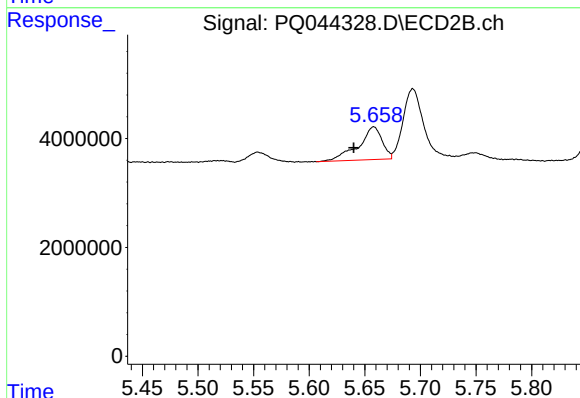
R.T.: 9.801 min
Delta R.T.: -0.008 min
Response: 4307560
Conc: 0.72 ng/ml



#3 AR-1016-1

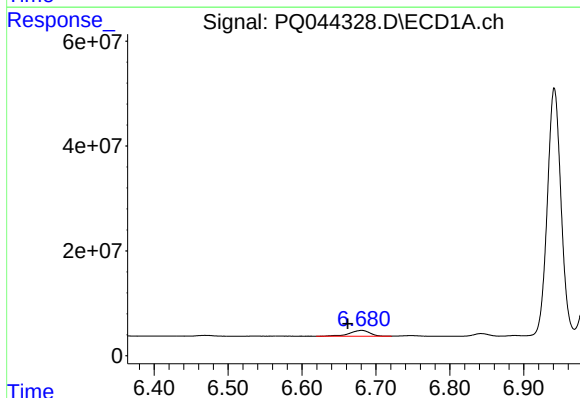
R.T.: 6.680 min
Delta R.T.: 0.042 min
Response: 21382381
Conc: 188.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



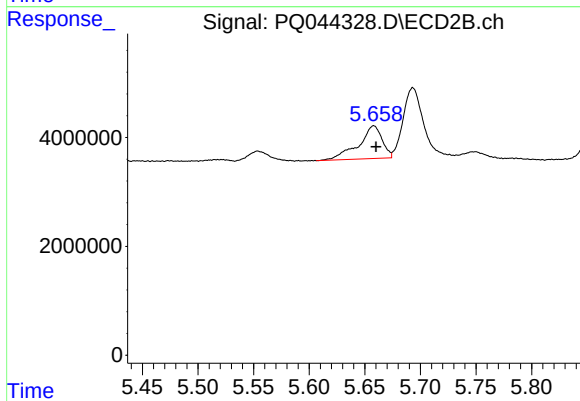
#3 AR-1016-1

R.T.: 5.658 min
Delta R.T.: 0.018 min
Response: 8884795
Conc: 64.77 ng/ml



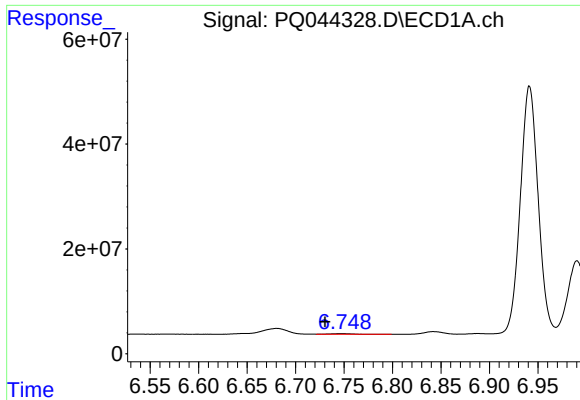
#4 AR-1016-2

R.T.: 6.680 min
Delta R.T.: 0.019 min
Response: 21382381
Conc: 132.54 ng/ml



#4 AR-1016-2

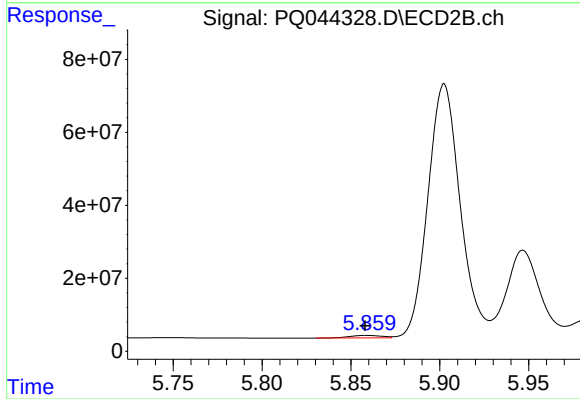
R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 8884795
Conc: 40.12 ng/ml



#5 AR-1016-3

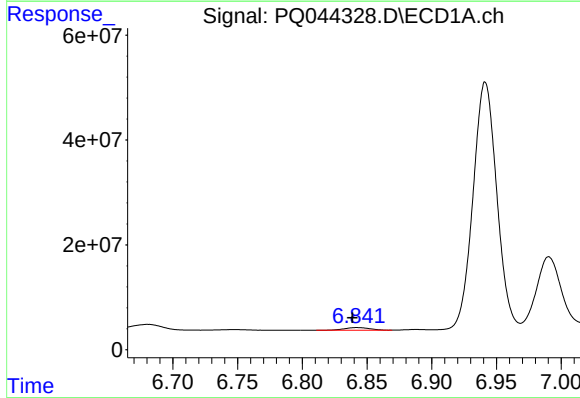
R.T.: 6.748 min
Delta R.T.: 0.017 min
Response: 2146160
Conc: 21.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



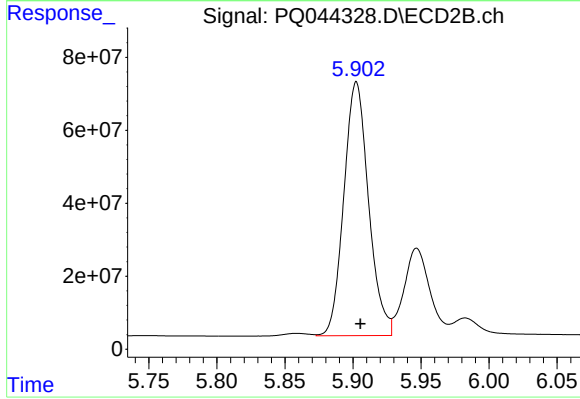
#5 AR-1016-3

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 8716397
Conc: 83.53 ng/ml



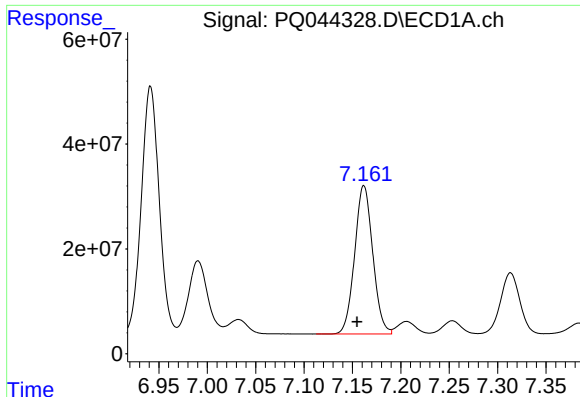
#6 AR-1016-4

R.T.: 6.843 min
Delta R.T.: 0.004 min
Response: 7116488
Conc: 86.13 ng/ml



#6 AR-1016-4

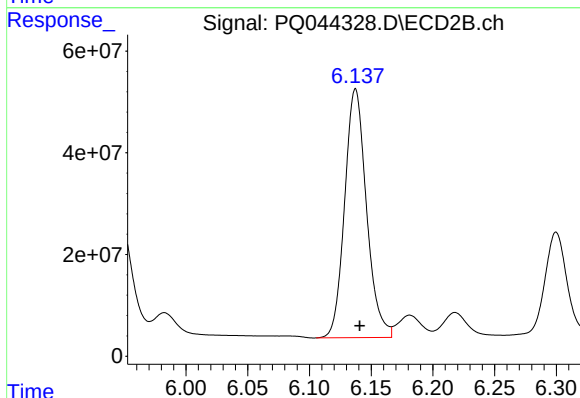
R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 880155087
Conc: 9418.04 ng/ml



#7 AR-1016-5

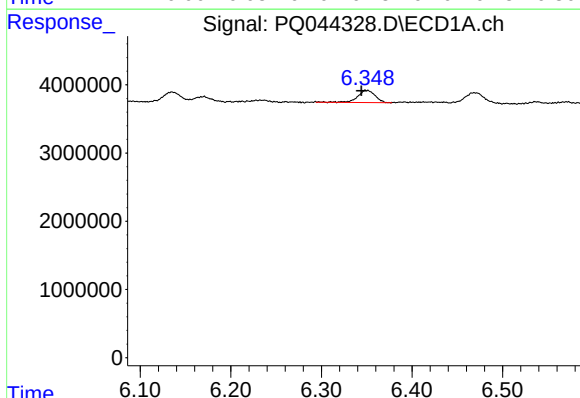
R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 368817122
Conc: 4876.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



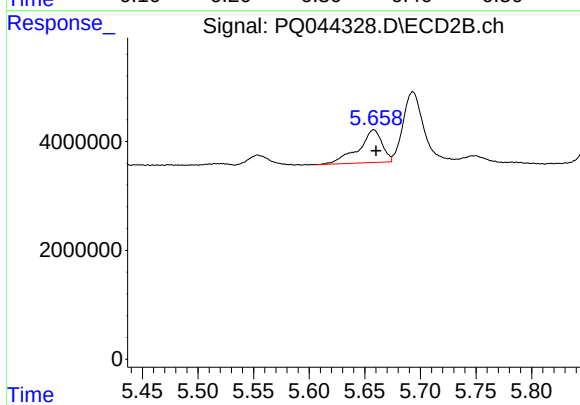
#7 AR-1016-5

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 602694723
Conc: 4928.81 ng/ml



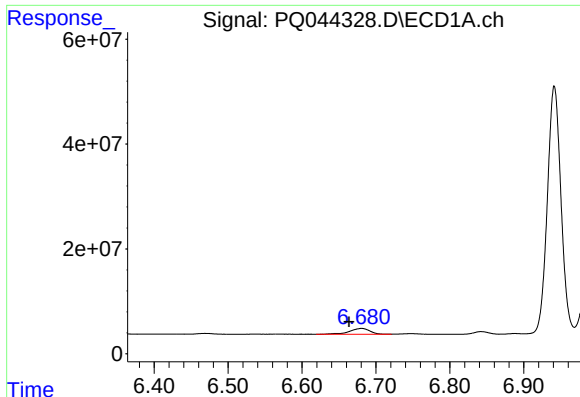
#12 AR-1232-2

R.T.: 6.350 min
Delta R.T.: 0.006 min
Response: 2368370
Conc: 60.97 ng/ml



#12 AR-1232-2

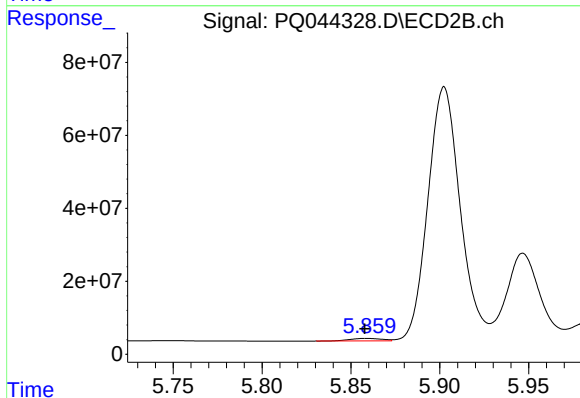
R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 8884795
Conc: 84.24 ng/ml



#13 AR-1232-3

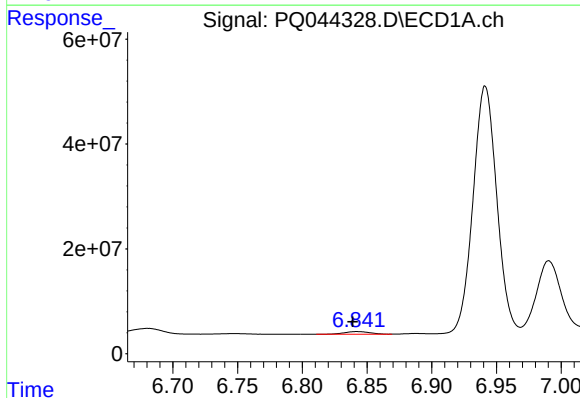
R.T.: 6.680 min
Delta R.T.: 0.017 min
Response: 21382381
Conc: 278.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



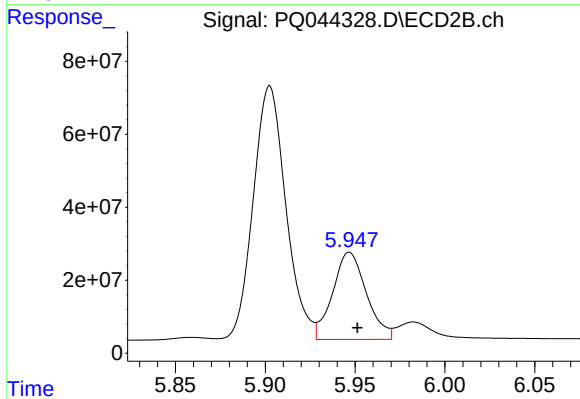
#13 AR-1232-3

R.T.: 5.859 min
Delta R.T.: 0.001 min
Response: 8716397
Conc: 176.38 ng/ml



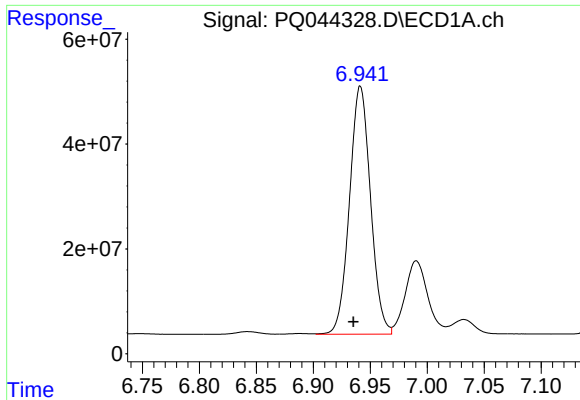
#14 AR-1232-4

R.T.: 6.843 min
Delta R.T.: 0.004 min
Response: 7116488
Conc: 187.62 ng/ml



#14 AR-1232-4

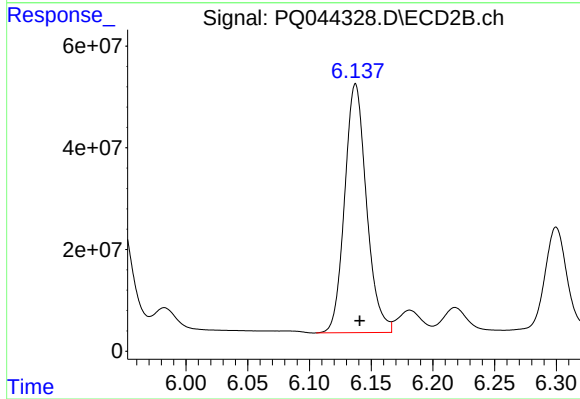
R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 313154480
Conc: 6640.04 ng/ml



#15 AR-1232-5

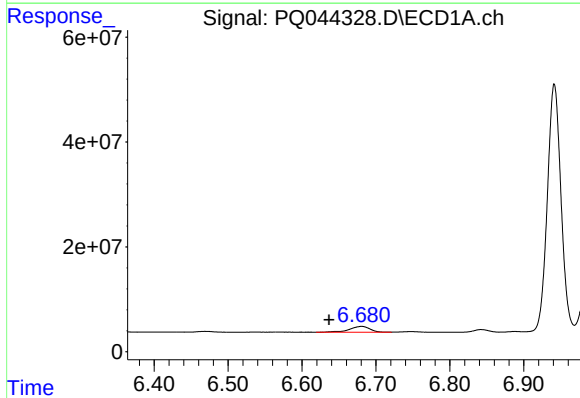
R.T.: 6.941 min
Delta R.T.: 0.006 min
Response: 607846316
Conc: 21558.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



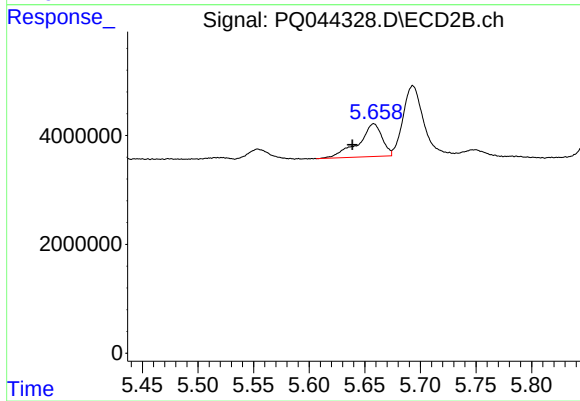
#15 AR-1232-5

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 602694723
Conc: 11025.55 ng/ml



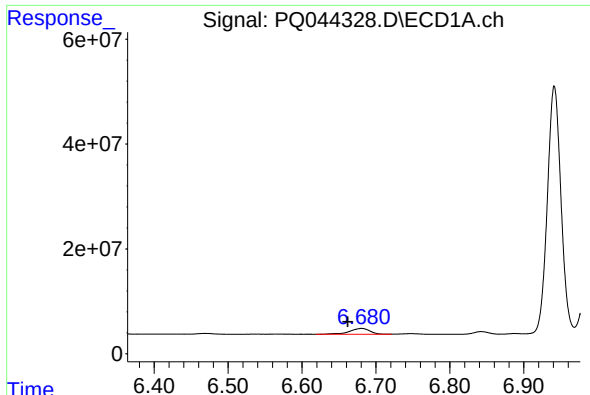
#16 AR-1242-1

R.T.: 6.680 min
Delta R.T.: 0.044 min
Response: 21382381
Conc: 219.02 ng/ml



#16 AR-1242-1

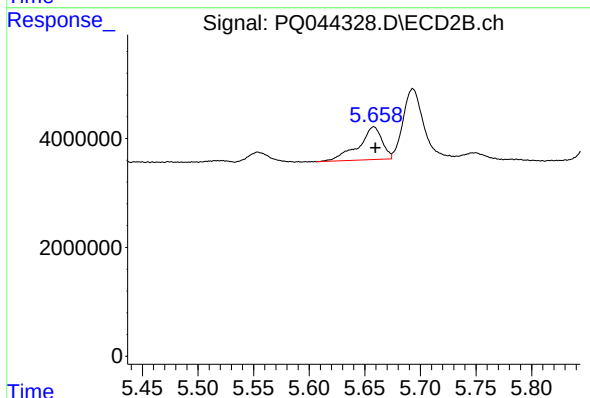
R.T.: 5.658 min
Delta R.T.: 0.019 min
Response: 8884795
Conc: 74.96 ng/ml



#17 AR-1242-2

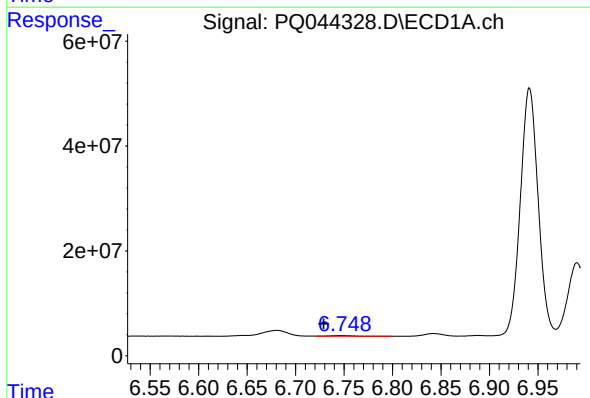
R.T.: 6.680 min
Delta R.T.: 0.019 min
Response: 21382381
Conc: 153.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



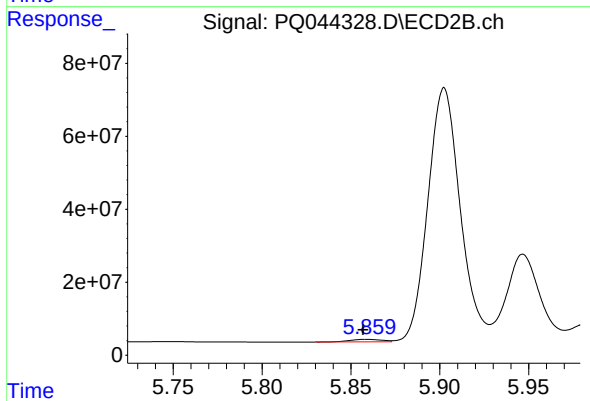
#17 AR-1242-2

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 8884795
Conc: 47.10 ng/ml



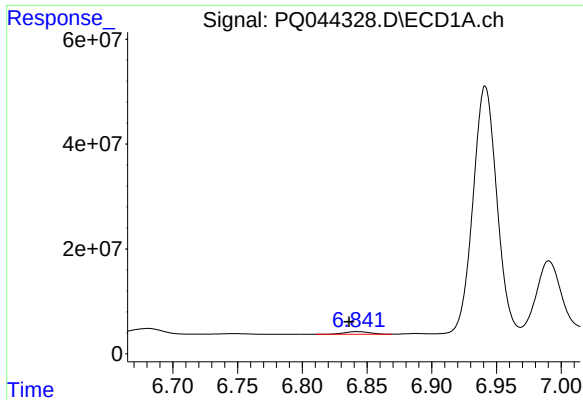
#18 AR-1242-3

R.T.: 6.748 min
Delta R.T.: 0.019 min
Response: 2146160
Conc: 24.15 ng/ml



#18 AR-1242-3

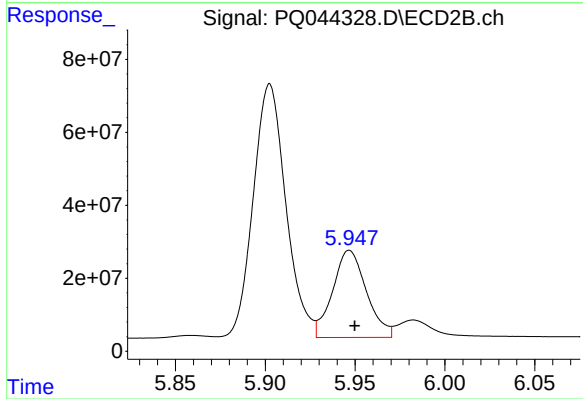
R.T.: 5.859 min
Delta R.T.: 0.002 min
Response: 8716397
Conc: 94.24 ng/ml



#19 AR-1242-4

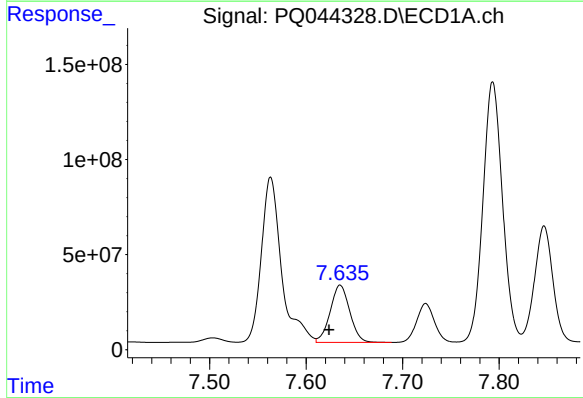
R.T.: 6.843 min
Delta R.T.: 0.006 min
Response: 7116488
Conc: 99.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



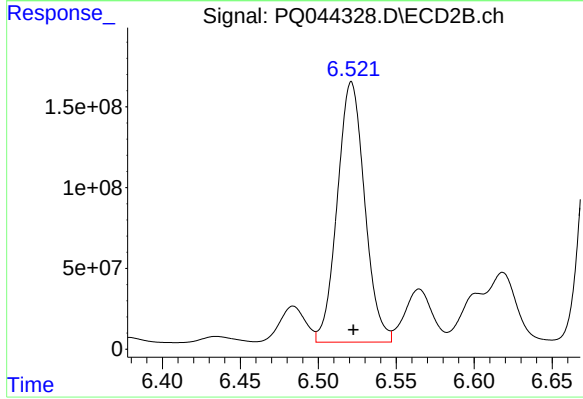
#19 AR-1242-4

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 313154480
Conc: 3186.08 ng/ml



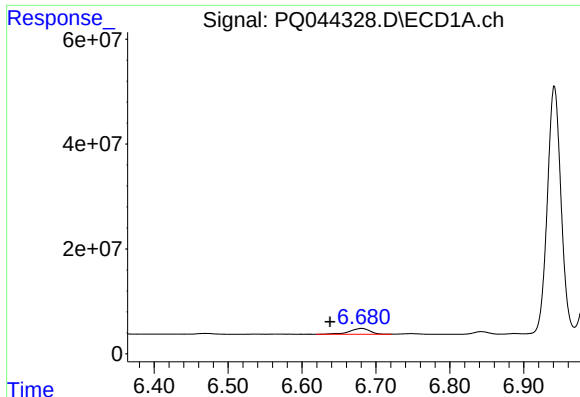
#20 AR-1242-5

R.T.: 7.635 min
Delta R.T.: 0.012 min
Response: 424229351
Conc: 5580.13 ng/ml



#20 AR-1242-5

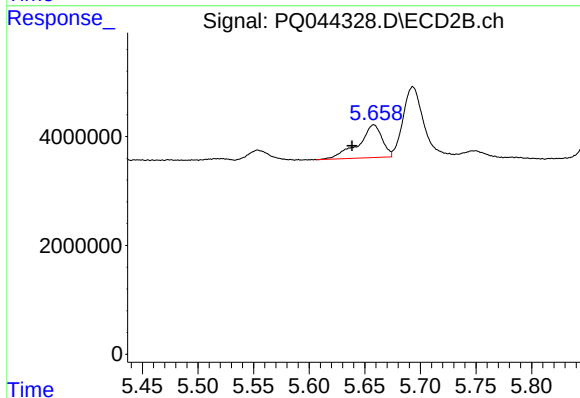
R.T.: 6.521 min
Delta R.T.: -0.001 min
Response: 1969187341
Conc: 15453.70 ng/ml



#21 AR-1248-1

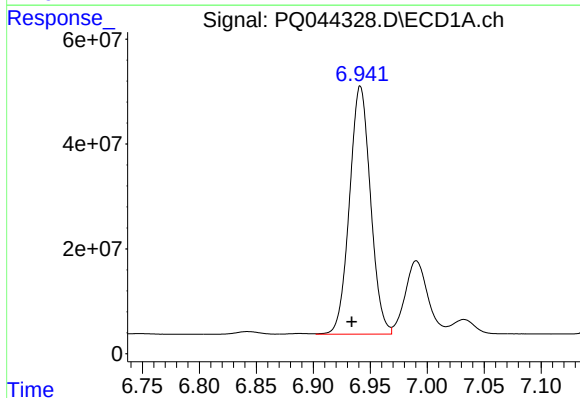
R.T.: 6.680 min
Delta R.T.: 0.043 min
Response: 21382381
Conc: 291.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



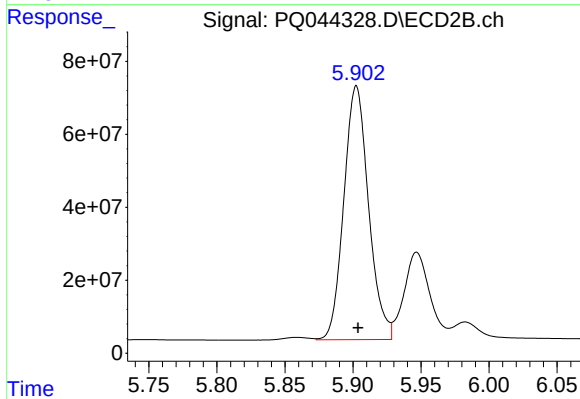
#21 AR-1248-1

R.T.: 5.658 min
Delta R.T.: 0.020 min
Response: 8884795
Conc: 98.12 ng/ml



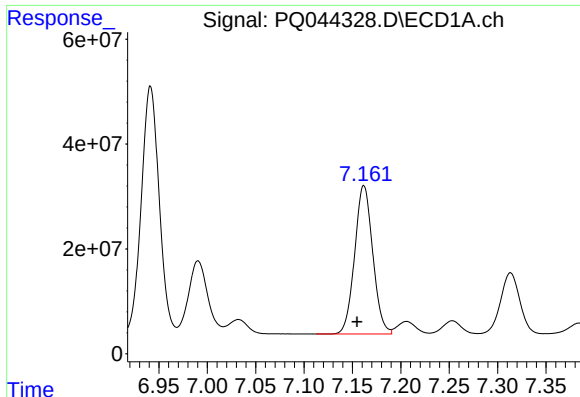
#22 AR-1248-2

R.T.: 6.941 min
Delta R.T.: 0.008 min
Response: 607846316
Conc: 6136.14 ng/ml



#22 AR-1248-2

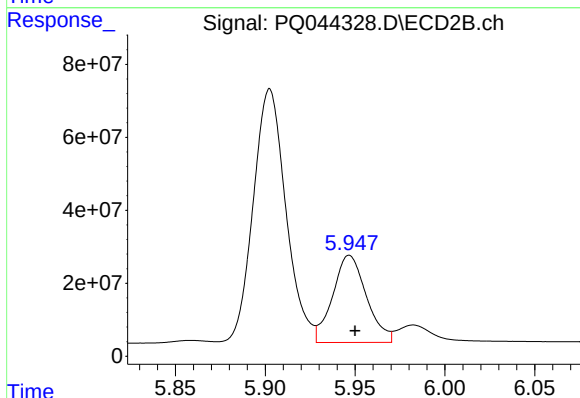
R.T.: 5.902 min
Delta R.T.: -0.001 min
Response: 880155087
Conc: 6350.08 ng/ml



#23 AR-1248-3

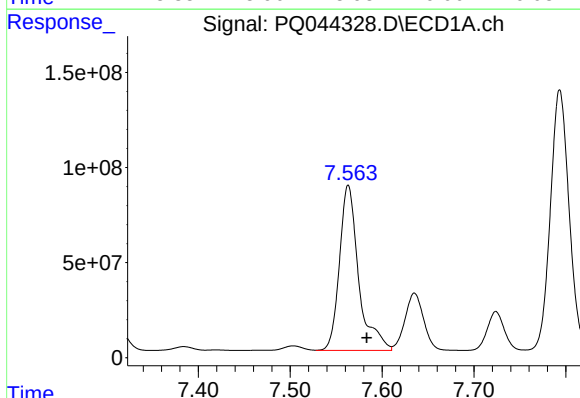
R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 368817122
Conc: 3415.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



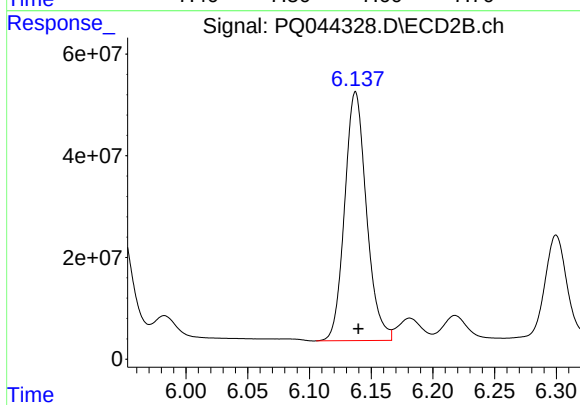
#23 AR-1248-3

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 313154480
Conc: 2214.27 ng/ml



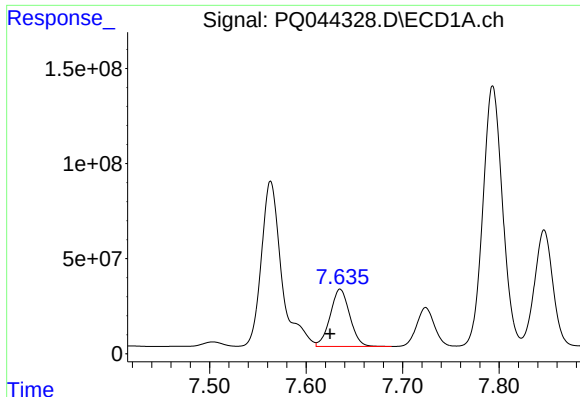
#24 AR-1248-4

R.T.: 7.563 min
Delta R.T.: -0.020 min
Response: 1262327272
Conc: 10026.28 ng/ml



#24 AR-1248-4

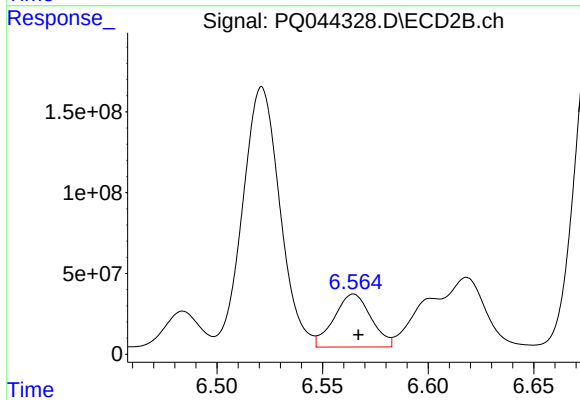
R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 602694723
Conc: 3508.83 ng/ml



#25 AR-1248-5

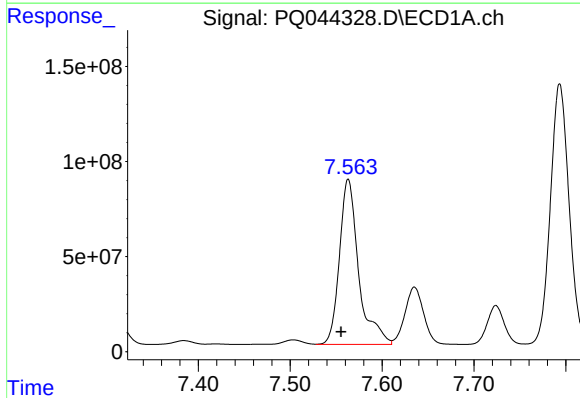
R.T.: 7.635 min
Delta R.T.: 0.011 min
Response: 424229351
Conc: 3503.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



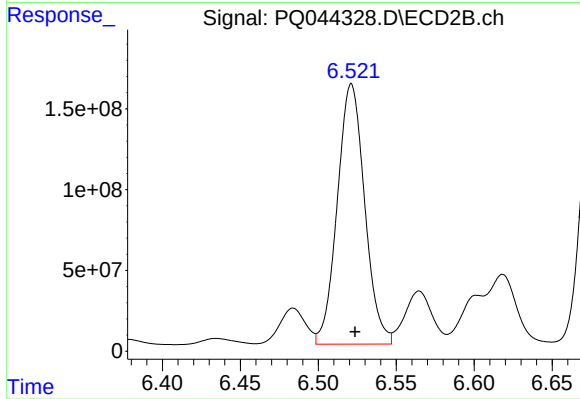
#25 AR-1248-5

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 400502851
Conc: 2392.21 ng/ml



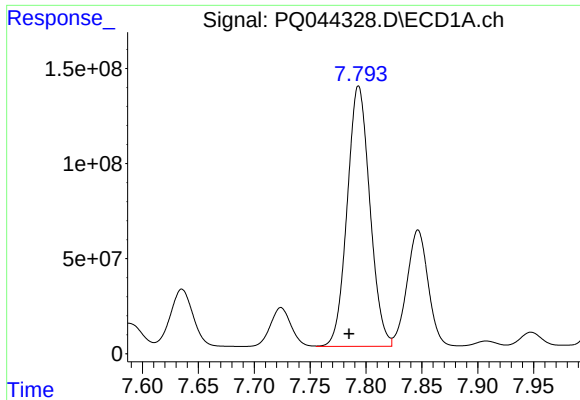
#26 AR-1254-1

R.T.: 7.563 min
Delta R.T.: 0.008 min
Response: 1262327272
Conc: 9381.32 ng/ml



#26 AR-1254-1

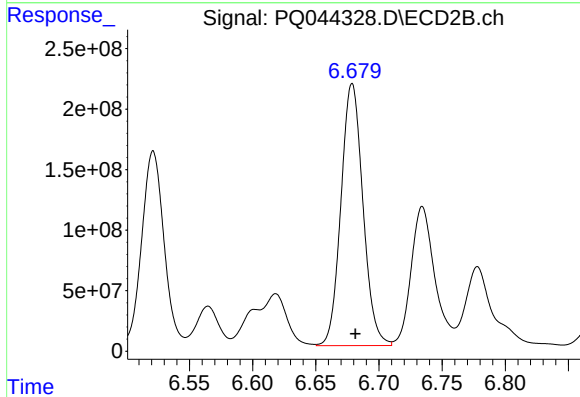
R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 1969187341
Conc: 6751.50 ng/ml



#27 AR-1254-2

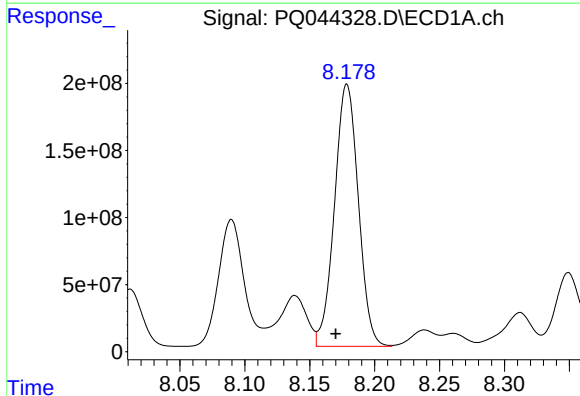
R.T.: 7.793 min
Delta R.T.: 0.009 min
Response: 1931723082
Conc: 9042.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



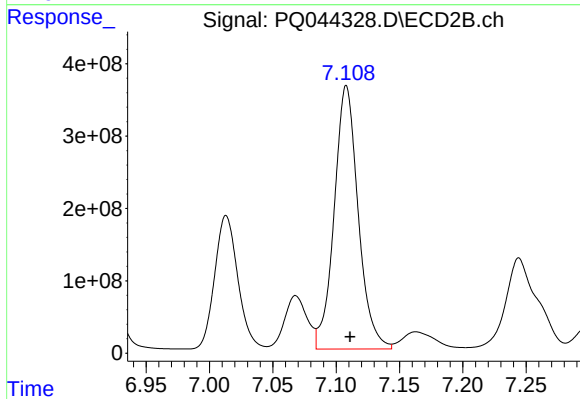
#27 AR-1254-2

R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 2623870597
Conc: 10049.35 ng/ml



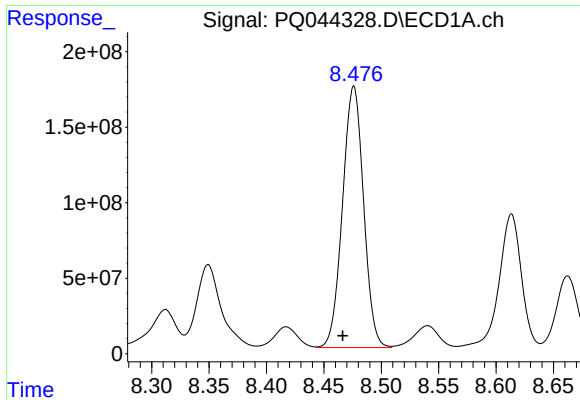
#28 AR-1254-3

R.T.: 8.179 min
Delta R.T.: 0.009 min
Response: 2501136784
Conc: 10165.24 ng/ml



#28 AR-1254-3

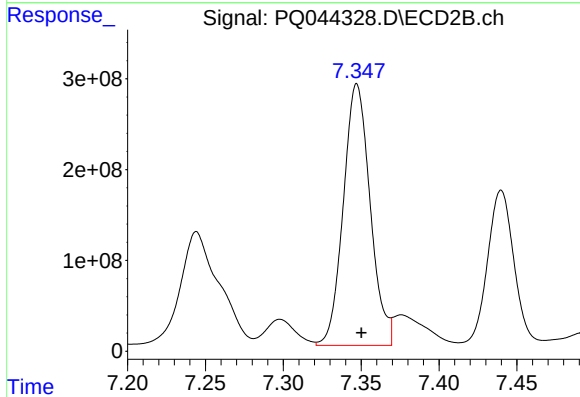
R.T.: 7.108 min
Delta R.T.: -0.003 min
Response: 4808490487
Conc: 11005.75 ng/ml



#29 AR-1254-4

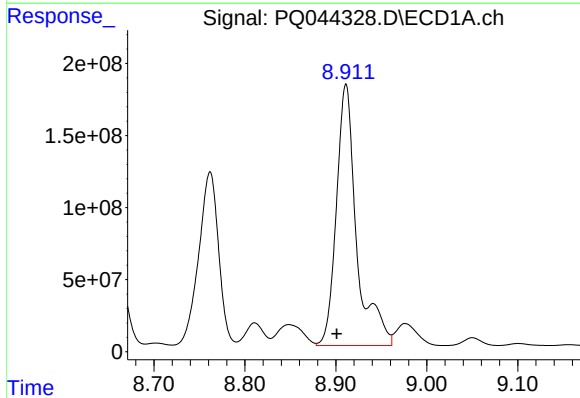
R.T.: 8.476 min
Delta R.T.: 0.009 min
Response: 2209747876
Conc: 11017.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



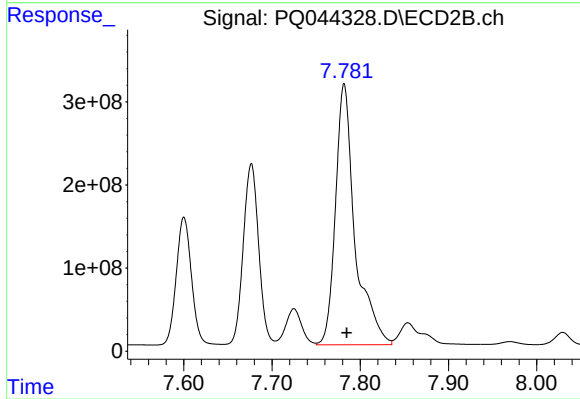
#29 AR-1254-4

R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 3456246951
Conc: 12866.41 ng/ml



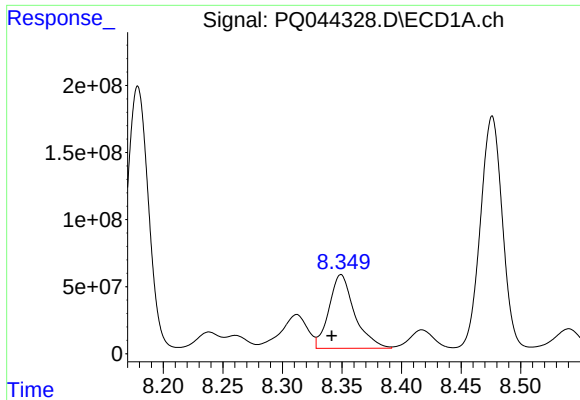
#30 AR-1254-5

R.T.: 8.911 min
Delta R.T.: 0.010 min
Response: 2809335963
Conc: 11737.61 ng/ml



#30 AR-1254-5

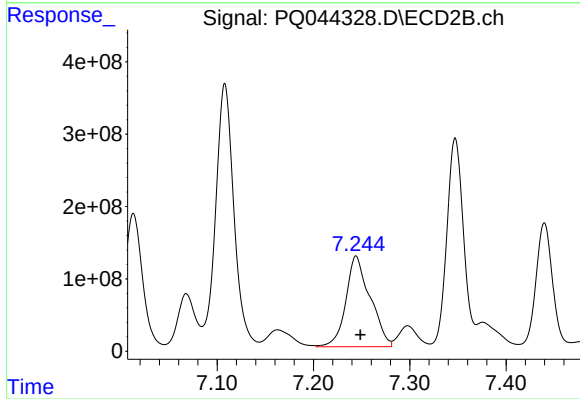
R.T.: 7.782 min
Delta R.T.: -0.003 min
Response: 4820110845
Conc: 12054.40 ng/ml



#31 AR-1260-1

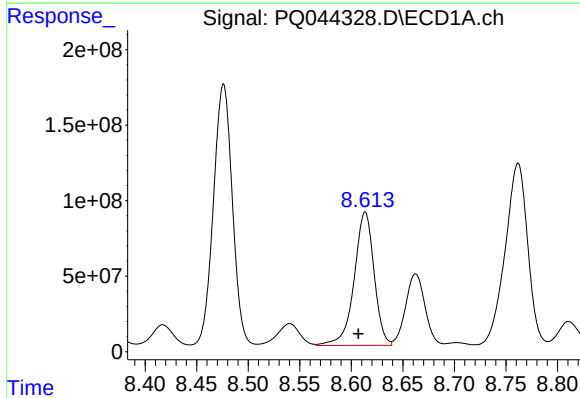
R.T.: 8.349 min
Delta R.T.: 0.008 min
Response: 822609533
Conc: 5464.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



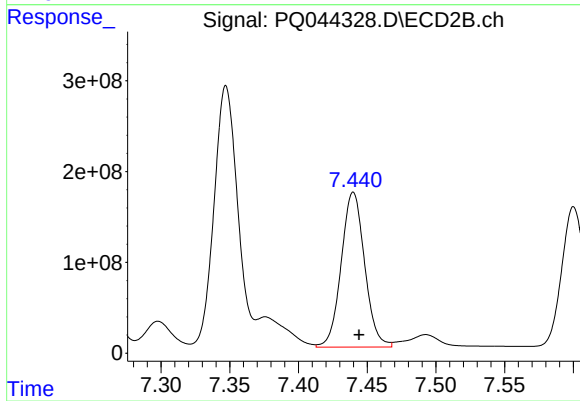
#31 AR-1260-1

R.T.: 7.244 min
Delta R.T.: -0.004 min
Response: 2195230858
Conc: 9028.57 ng/ml



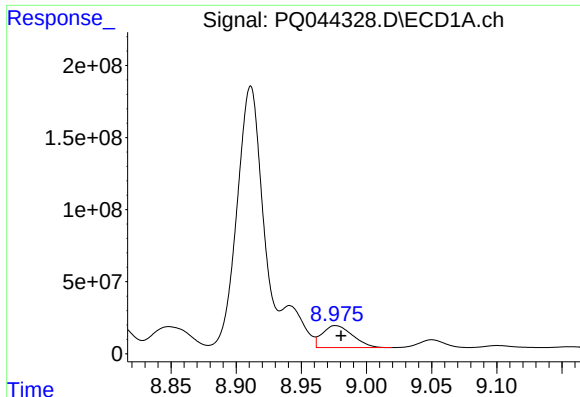
#32 AR-1260-2

R.T.: 8.613 min
Delta R.T.: 0.006 min
Response: 1188766328
Conc: 6040.14 ng/ml



#32 AR-1260-2

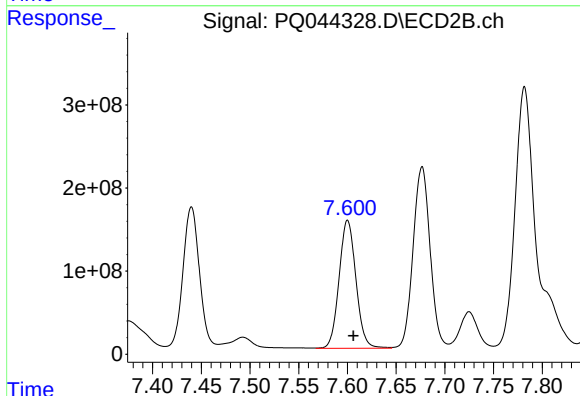
R.T.: 7.440 min
Delta R.T.: -0.004 min
Response: 2024358461
Conc: 6706.39 ng/ml



#33 AR-1260-3

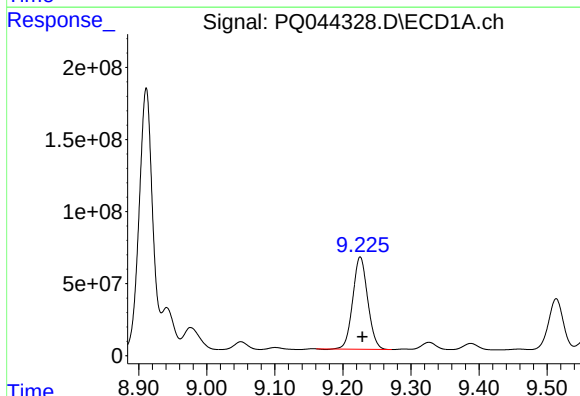
R.T.: 8.977 min
Delta R.T.: -0.004 min
Response: 245837711
Conc: 1533.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



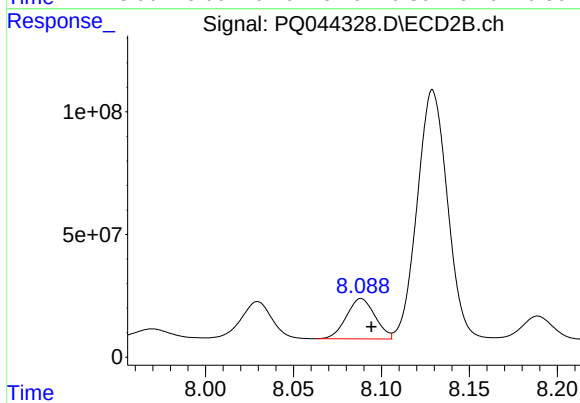
#33 AR-1260-3

R.T.: 7.600 min
Delta R.T.: -0.006 min
Response: 1853026082
Conc: 6584.57 ng/ml



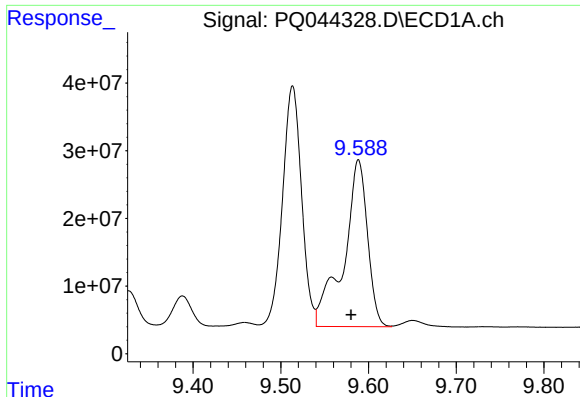
#34 AR-1260-4

R.T.: 9.226 min
Delta R.T.: -0.003 min
Response: 974439979
Conc: 4990.62 ng/ml



#34 AR-1260-4

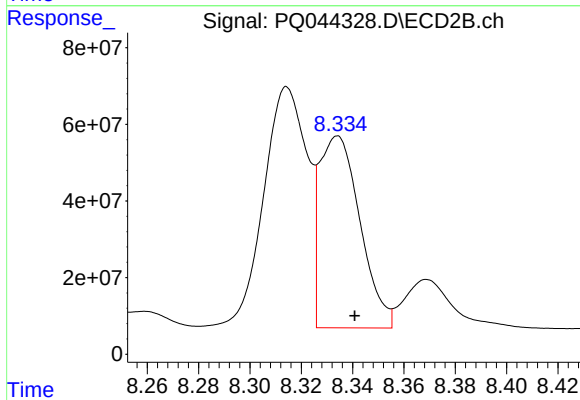
R.T.: 8.088 min
Delta R.T.: -0.006 min
Response: 186225870
Conc: 740.25 ng/ml



#35 AR-1260-5

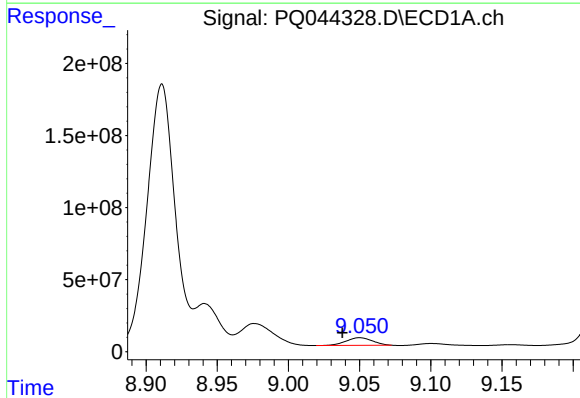
R.T.: 9.589 min
Delta R.T.: 0.008 min
Response: 465147879
Conc: 1017.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



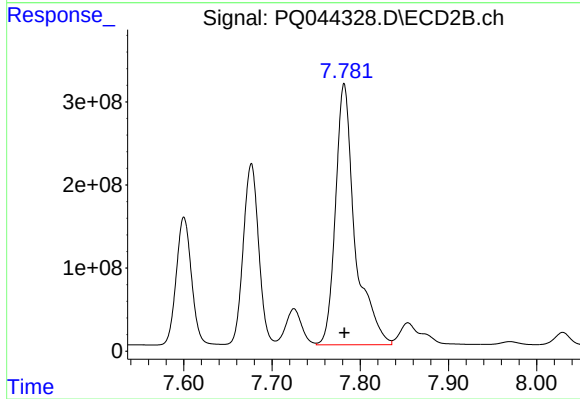
#35 AR-1260-5

R.T.: 8.334 min
Delta R.T.: -0.007 min
Response: 549583483
Conc: 857.48 ng/ml



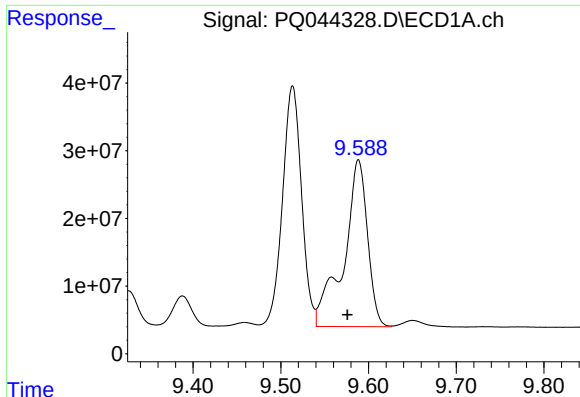
#36 AR-1262-1

R.T.: 9.050 min
Delta R.T.: 0.012 min
Response: 68149475
Conc: 627.48 ng/ml



#36 AR-1262-1

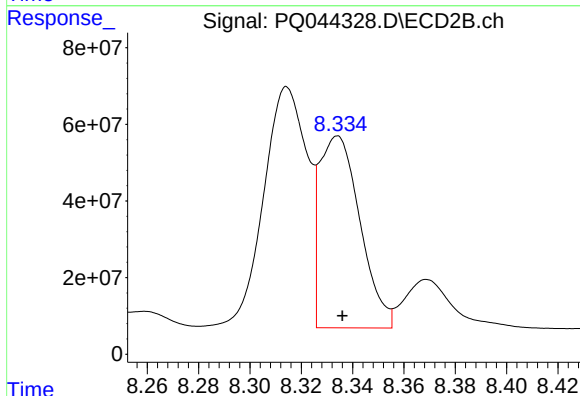
R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 4820110845
Conc: 24699.78 ng/ml



#37 AR-1262-2

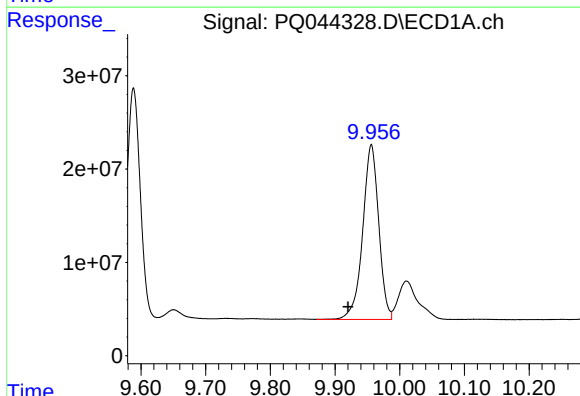
R.T.: 9.589 min
Delta R.T.: 0.013 min
Response: 465147879
Conc: 807.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



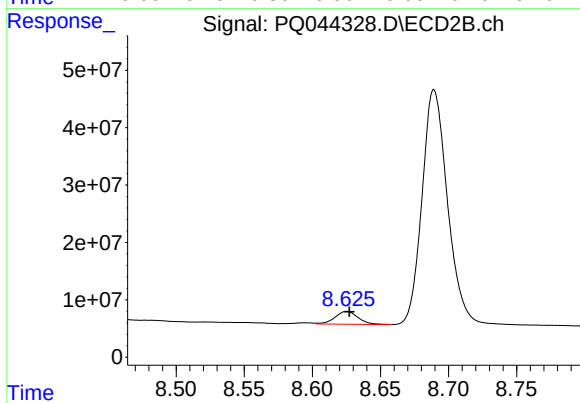
#37 AR-1262-2

R.T.: 8.334 min
Delta R.T.: -0.002 min
Response: 549583483
Conc: 694.63 ng/ml



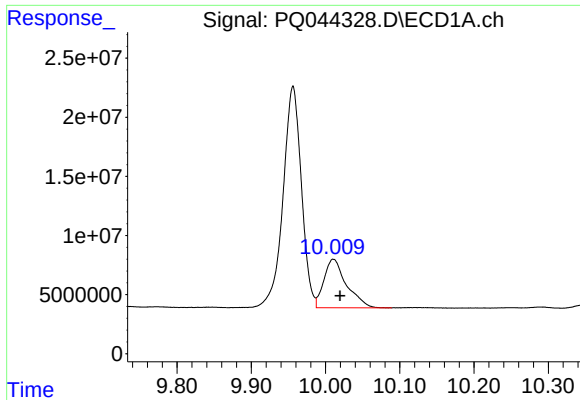
#38 AR-1262-3

R.T.: 9.956 min
Delta R.T.: 0.036 min
Response: 322348038
Conc: 777.00 ng/ml



#38 AR-1262-3

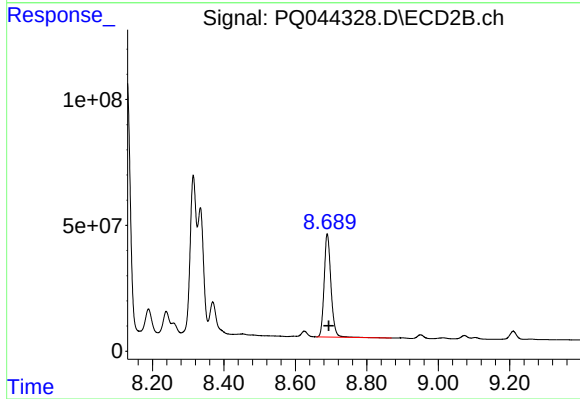
R.T.: 8.625 min
Delta R.T.: -0.002 min
Response: 26204723
Conc: 82.63 ng/ml



#39 AR-1262-4

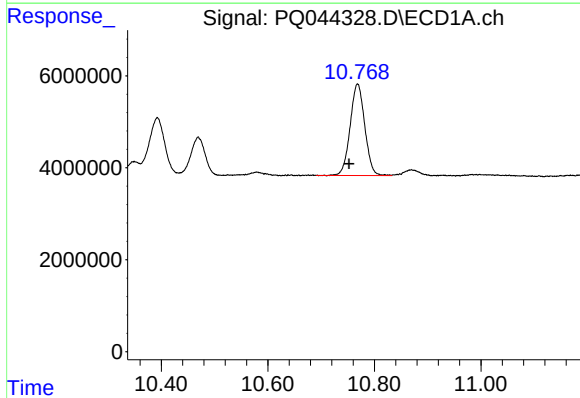
R.T.: 10.011 min
Delta R.T.: -0.009 min
Response: 87051833
Conc: 276.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



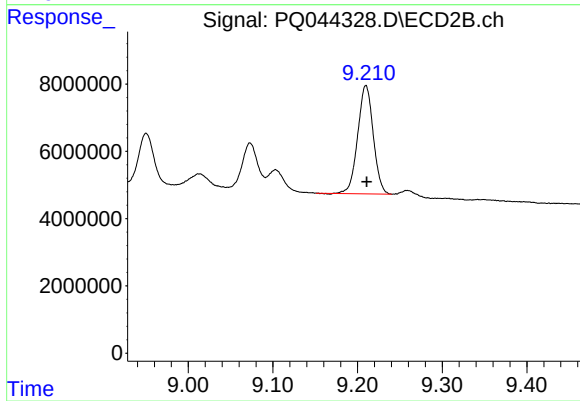
#39 AR-1262-4

R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 542314358
Conc: 889.86 ng/ml



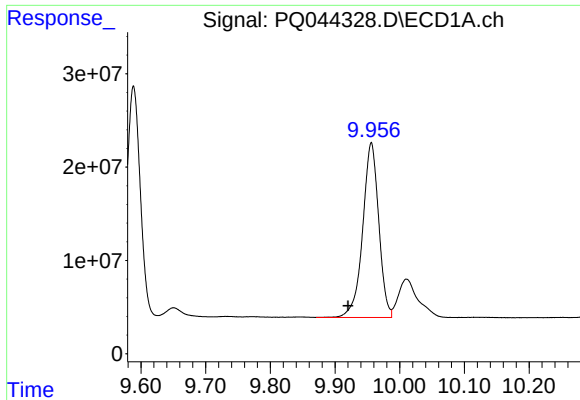
#40 AR-1262-5

R.T.: 10.768 min
Delta R.T.: 0.016 min
Response: 37924375
Conc: 149.20 ng/ml



#40 AR-1262-5

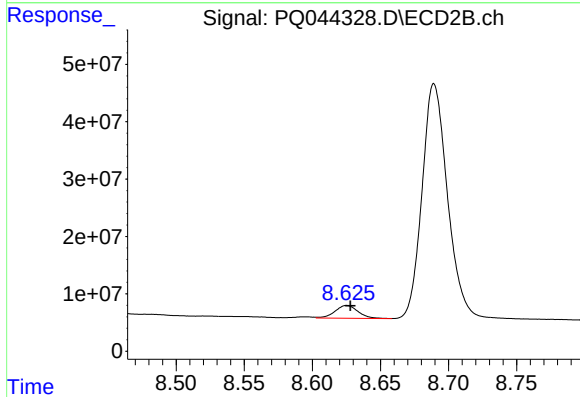
R.T.: 9.210 min
Delta R.T.: 0.000 min
Response: 41118412
Conc: 146.64 ng/ml



#41 AR-1268-1

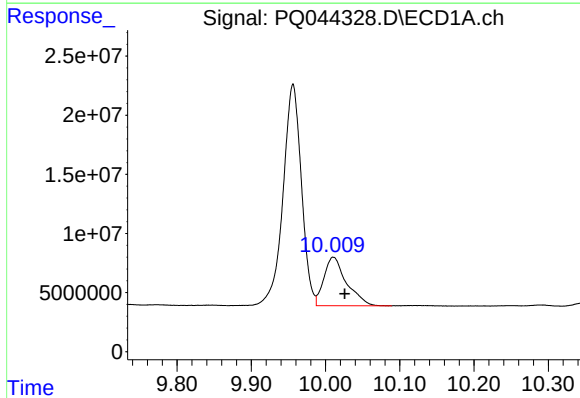
R.T.: 9.956 min
Delta R.T.: 0.036 min
Response: 322348038
Conc: 450.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



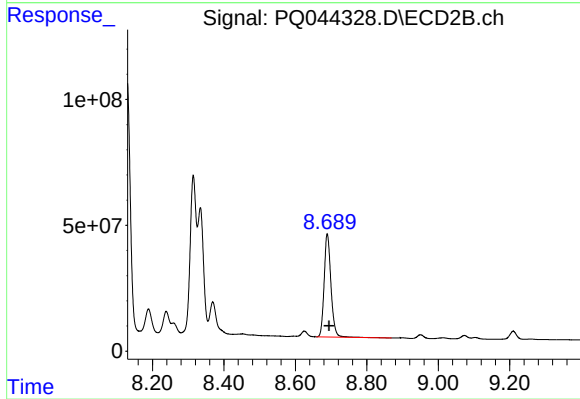
#41 AR-1268-1

R.T.: 8.625 min
Delta R.T.: -0.003 min
Response: 26204723
Conc: 27.17 ng/ml



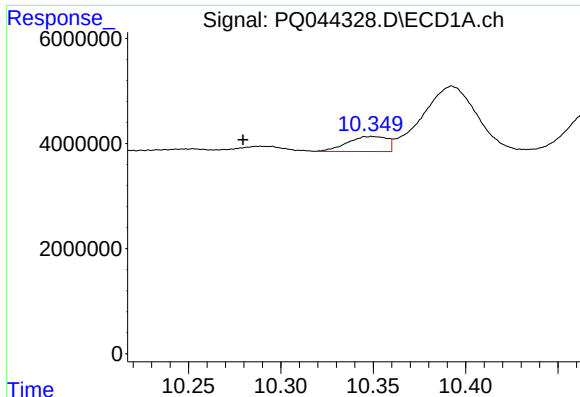
#42 AR-1268-2

R.T.: 10.011 min
Delta R.T.: -0.015 min
Response: 87051833
Conc: 128.10 ng/ml



#42 AR-1268-2

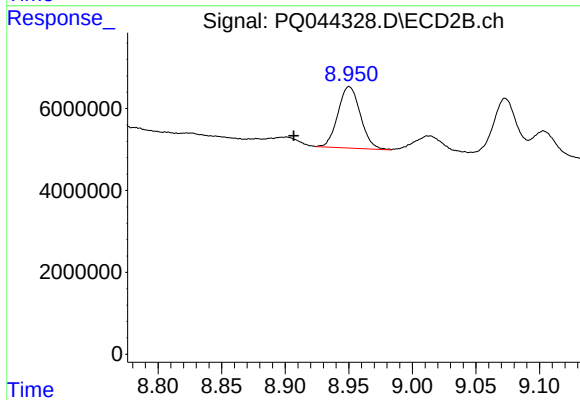
R.T.: 8.689 min
Delta R.T.: -0.005 min
Response: 542314358
Conc: 596.36 ng/ml



#43 AR-1268-3

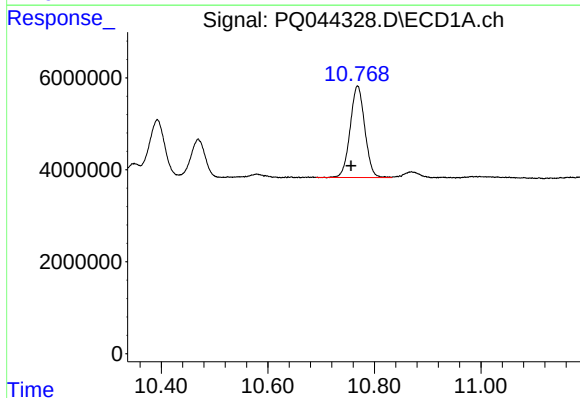
R.T.: 10.349 min
Delta R.T.: 0.070 min
Response: 4249468
Conc: 7.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



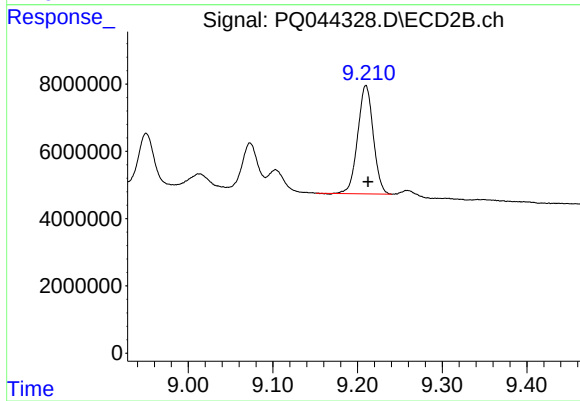
#43 AR-1268-3

R.T.: 8.950 min
Delta R.T.: 0.044 min
Response: 18398436
Conc: 24.29 ng/ml



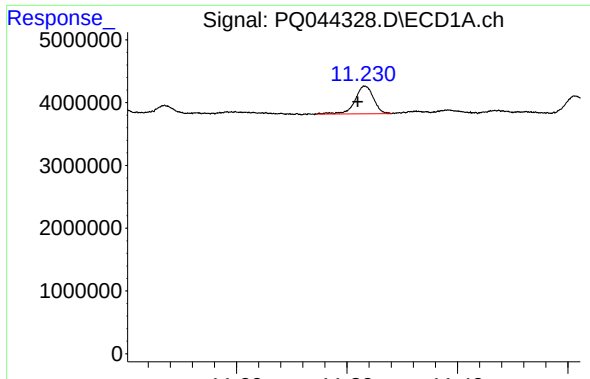
#44 AR-1268-4

R.T.: 10.768 min
Delta R.T.: 0.012 min
Response: 37924375
Conc: 131.63 ng/ml



#44 AR-1268-4

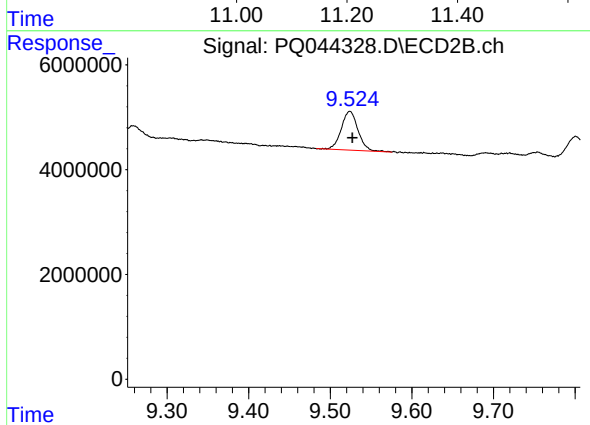
R.T.: 9.210 min
Delta R.T.: -0.002 min
Response: 41118412
Conc: 125.75 ng/ml



#45 AR-1268-5

R.T.: 11.232 min
Delta R.T.: 0.012 min
Response: 10190526
Conc: 4.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AY6DL



#45 AR-1268-5

R.T.: 9.524 min
Delta R.T.: -0.003 min
Response: 10532884
Conc: 4.04 ng/ml