

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041641.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 03:35
 Operator : SM\AJ
 Sample : K4022-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 04:05:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.705	4.763	39388151	31430758	10.289	10.456
2)	SA Decachlor...	12.102	10.519	166.5E6	88824285	16.098	19.493
Target Compounds							
3)	L1 AR-1016-1	7.143	6.211	23386873	20263136	133.998	138.492
4)	L1 AR-1016-2	7.143	6.211	23386873	20263136	88.680	97.353
5)	L1 AR-1016-3	0.000	6.446	0	2513944	N.D.	22.266 #
6)	L1 AR-1016-4	7.328	6.512	57365097	4245063	425.655	46.564 #
7)	L1 AR-1016-5	7.670	6.765	122.8E6	35711975	922.761	297.152 #
10)	L2 AR-1221-3	0.000	5.361	0	3263473	N.D.	30.804 #
11)	L3 AR-1232-1	0.000	5.361	0	3263473	N.D.	43.018 #
12)	L3 AR-1232-2	0.000	6.211	0	20263136	N.D.	216.903 #
13)	L3 AR-1232-3	7.143	6.446	23386873	2513944	206.632	52.229 #
14)	L3 AR-1232-4	7.328	6.598	57365097	2206040	970.514	51.167 #
15)	L3 AR-1232-5	7.462	6.765	4189152	35711975	113.512	738.284 #
16)	L4 AR-1242-1	7.143	6.211	23386873	20263136	186.708	191.998
17)	L4 AR-1242-2	7.143	6.211	23386873	20263136	122.808	130.674
18)	L4 AR-1242-3	0.000	6.446	0	2513944	N.D.	30.124 #
19)	L4 AR-1242-4	7.328	6.598	57365097	2206040	585.251	27.085 #
20)	L4 AR-1242-5	8.207	7.159	28112493	85240914	212.047	682.858 #
21)	L5 AR-1248-1	7.143	6.211	23386873	20263136	252.127	252.286
22)	L5 AR-1248-2	7.462	6.512	4189152	4245063	34.042	37.897
23)	L5 AR-1248-3	7.670	6.598	122.8E6	2206040	781.936	19.112 #
24)	L5 AR-1248-4	8.147	6.765	233.2E6	35711975	1079.713	246.705 #
25)	L5 AR-1248-5	8.207	7.217	28112493	17661371	132.009	104.951
26)	L6 AR-1254-1	8.089	7.159	8168474	85240914	40.298	335.192 #
27)	L6 AR-1254-2	8.357	7.328	44141928	7324093	127.802	32.013 #
28)	L6 AR-1254-3	8.749	7.783	20291243	3311378	48.967	8.158 #
29)	L6 AR-1254-4	9.042	8.048	5875465	9152993	16.234	33.504 #
30)	L6 AR-1254-5	9.493	8.475	6362971	4528586	15.847	11.342 #
31)	L7 AR-1260-1	8.983	7.934	3454126	4176053	11.433	15.702 #
32)	L7 AR-1260-2	9.181	8.118	51445018	2886270	112.235	7.954 #
33)	L7 AR-1260-3	9.542	8.294	5352340	2400157	12.606	7.643 #
34)	L7 AR-1260-4	9.792	8.800	1317547	5696040	3.130	20.009 #
35)	L7 AR-1260-5	10.147	9.038	1268501	1683647	1.187	2.264 #
36)	L8 AR-1262-1	9.692	8.590	6055845	5037593	24.666	26.191
37)	L8 AR-1262-2	10.147	9.038	1268501	1683647	1.045	2.004 #
38)	L8 AR-1262-3	0.000	9.328	0	629241	N.D.	1.789 #
39)	L8 AR-1262-4	0.000	9.389	0	1605432	N.D.	2.732 #
40)	L8 AR-1262-5	0.000	9.925	0	2075666	N.D.	8.650 #
41)	L9 AR-1268-1	0.000	9.328	0	629241	N.D.	0.551 #
42)	L9 AR-1268-2	0.000	9.389	0	1605432	N.D.	1.652 #
43)	L9 AR-1268-3	0.000	9.613	0	590602	N.D.	0.740 #

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Instrument :
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 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	9.925	0	2075666	N.D.	6.764 #

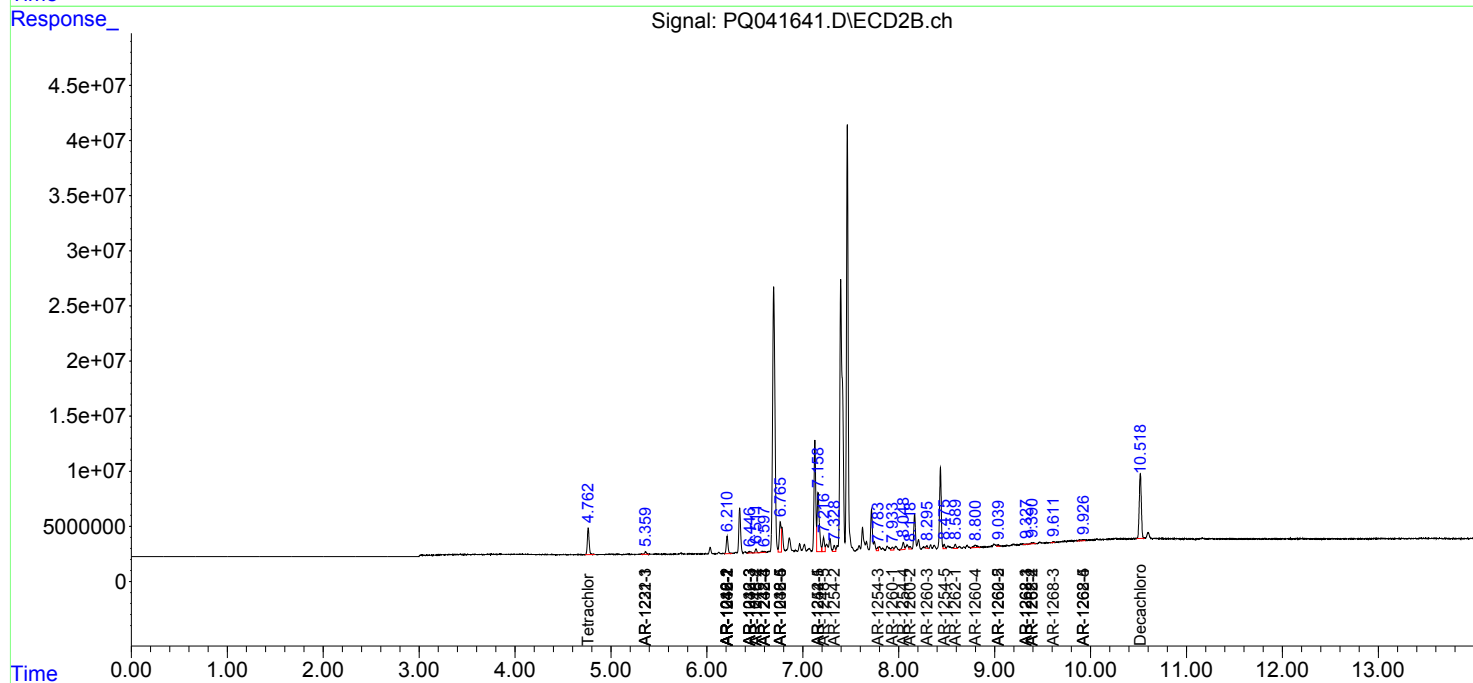
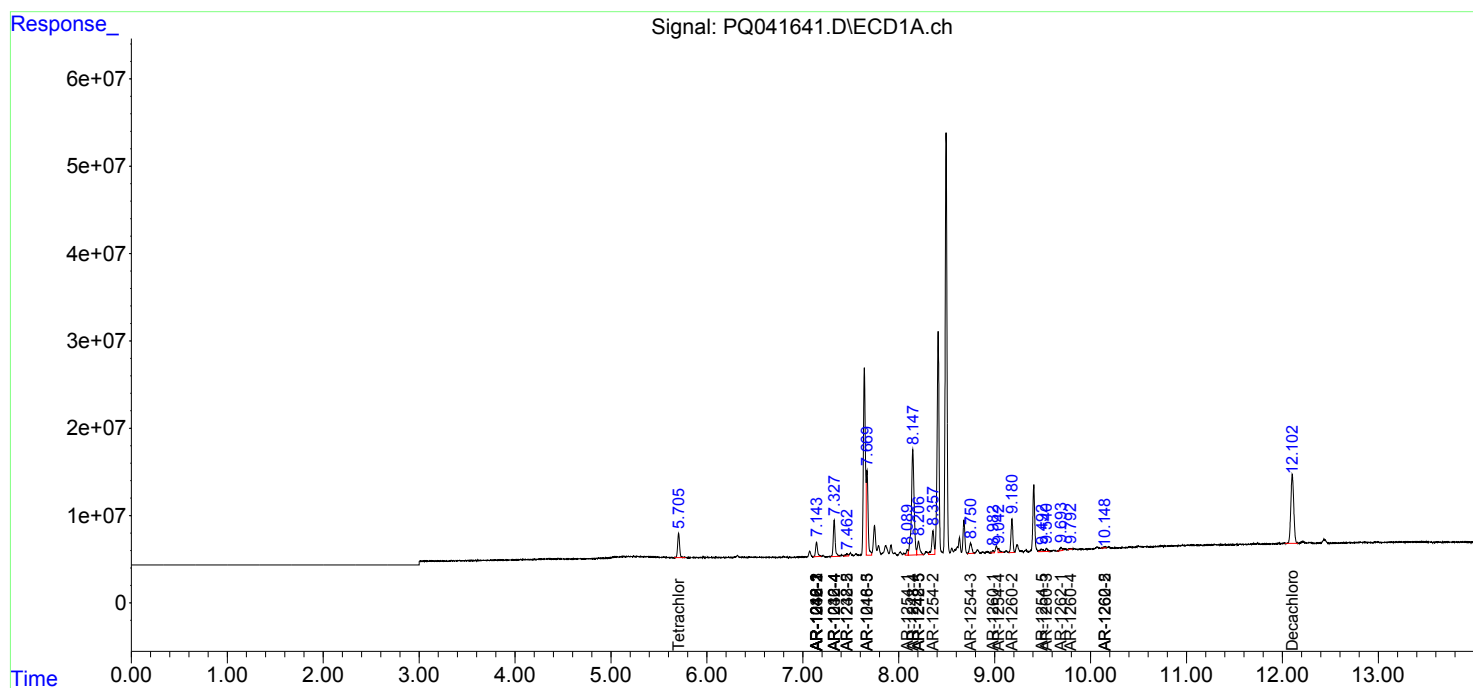
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

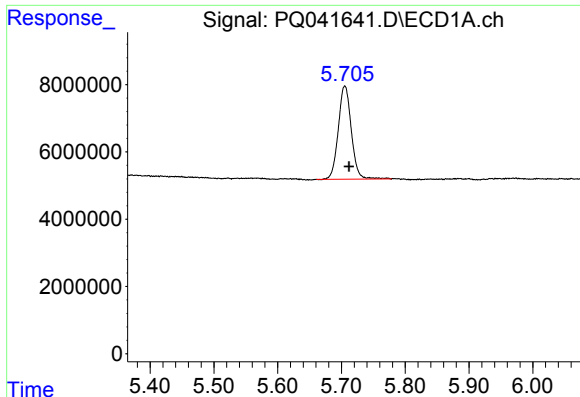
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 03:35
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

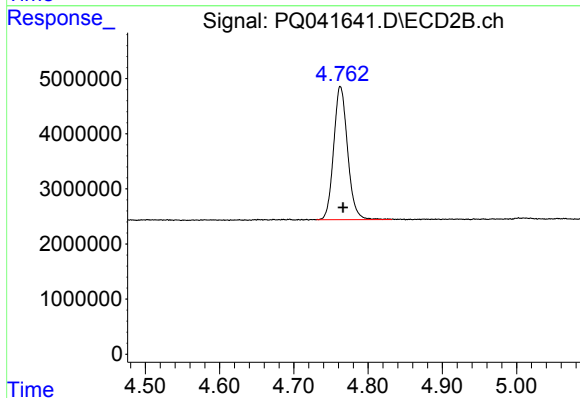




#1 Tetrachloro-m-xylene

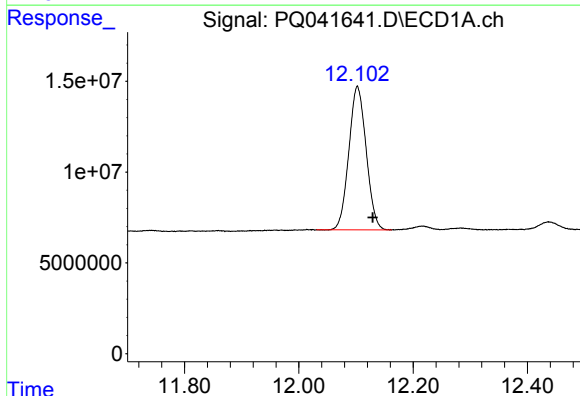
R.T.: 5.705 min
Delta R.T.: -0.007 min
Response: 39388151
Conc: 10.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



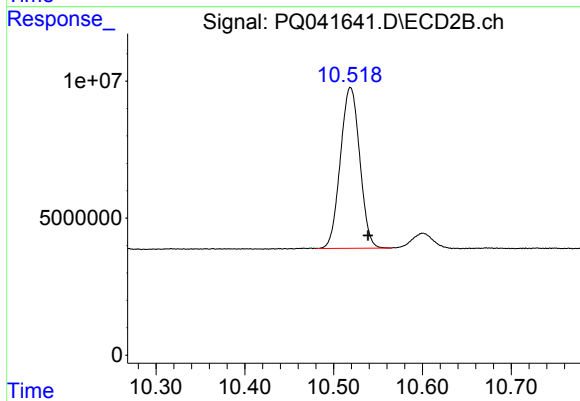
#1 Tetrachloro-m-xylene

R.T.: 4.763 min
Delta R.T.: -0.004 min
Response: 31430758
Conc: 10.46 ng/ml



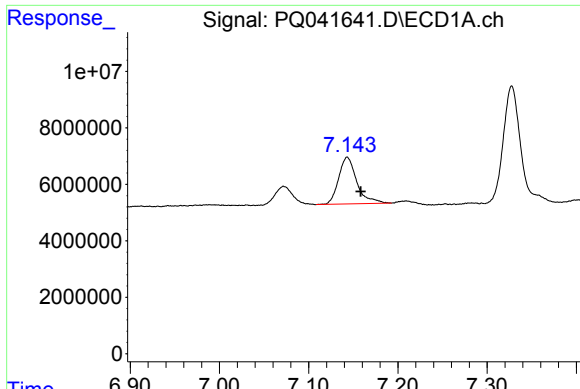
#2 Decachlorobiphenyl

R.T.: 12.102 min
Delta R.T.: -0.027 min
Response: 166509579
Conc: 16.10 ng/ml



#2 Decachlorobiphenyl

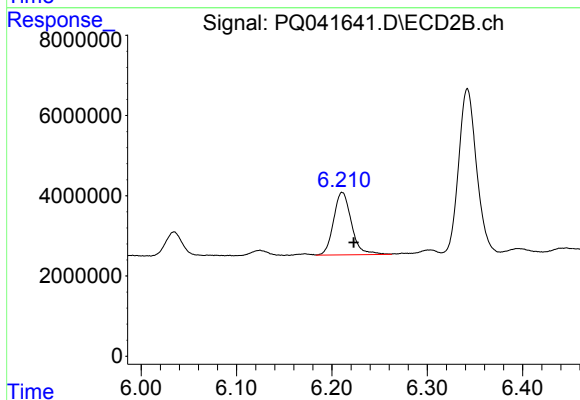
R.T.: 10.519 min
Delta R.T.: -0.020 min
Response: 88824285
Conc: 19.49 ng/ml



#3 AR-1016-1

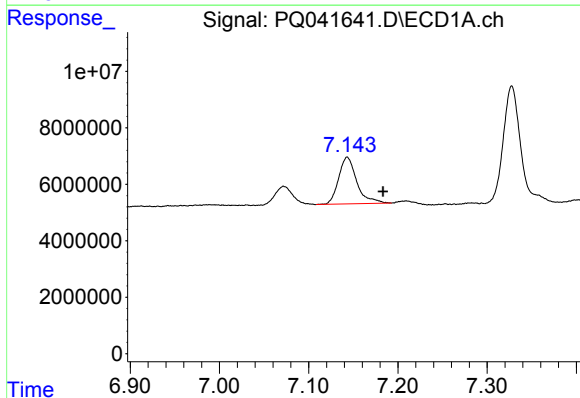
R.T.: 7.143 min
Delta R.T.: -0.015 min
Response: 23386873
Conc: 134.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



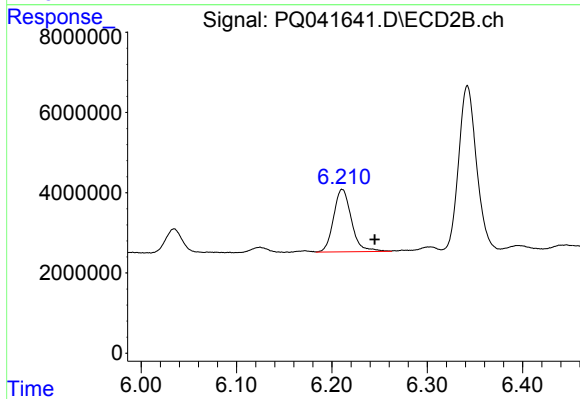
#3 AR-1016-1

R.T.: 6.211 min
Delta R.T.: -0.012 min
Response: 20263136
Conc: 138.49 ng/ml



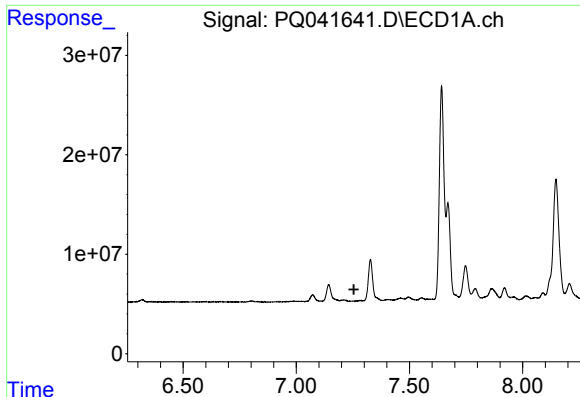
#4 AR-1016-2

R.T.: 7.143 min
Delta R.T.: -0.040 min
Response: 23386873
Conc: 88.68 ng/ml



#4 AR-1016-2

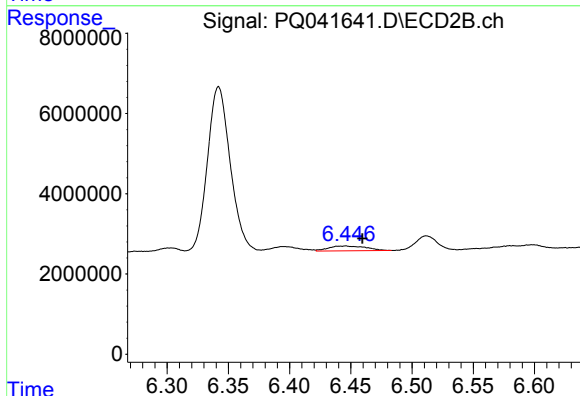
R.T.: 6.211 min
Delta R.T.: -0.034 min
Response: 20263136
Conc: 97.35 ng/ml



#5 AR-1016-3

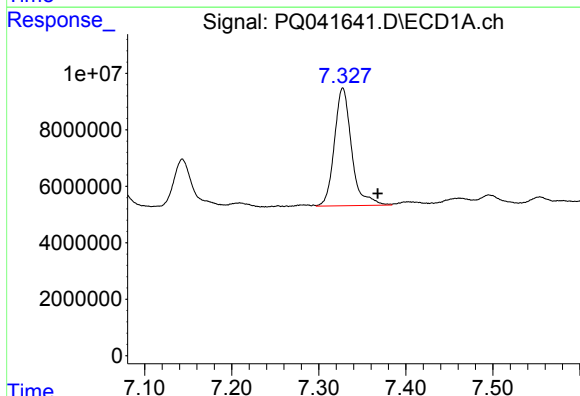
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



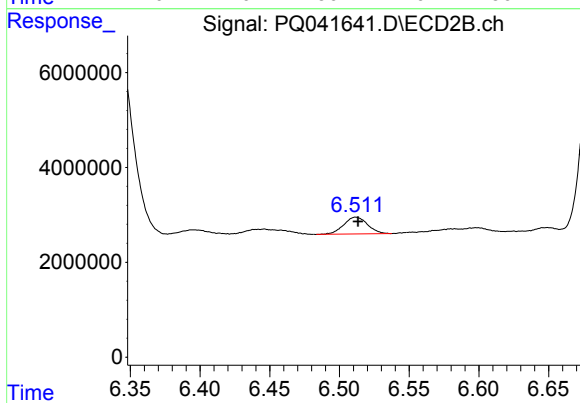
#5 AR-1016-3

R.T.: 6.446 min
Delta R.T.: -0.013 min
Response: 2513944
Conc: 22.27 ng/ml



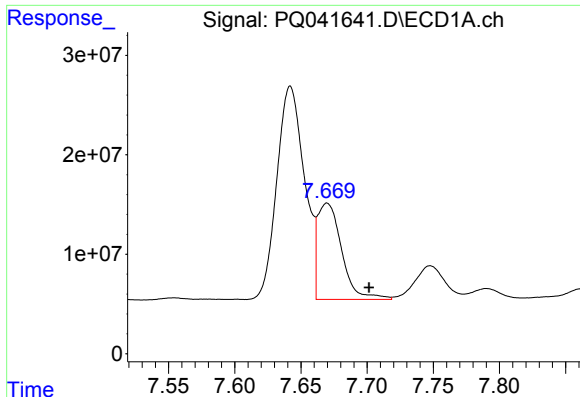
#6 AR-1016-4

R.T.: 7.328 min
Delta R.T.: -0.040 min
Response: 57365097
Conc: 425.66 ng/ml



#6 AR-1016-4

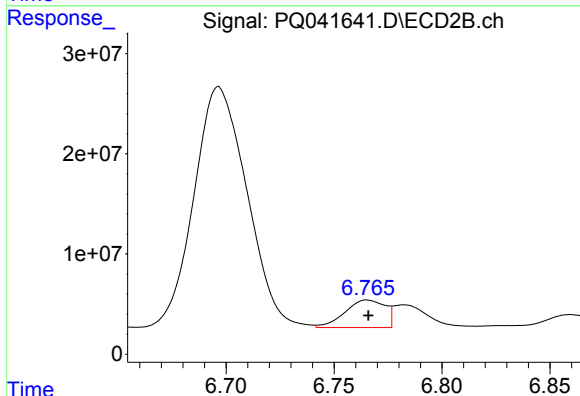
R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 4245063
Conc: 46.56 ng/ml



#7 AR-1016-5

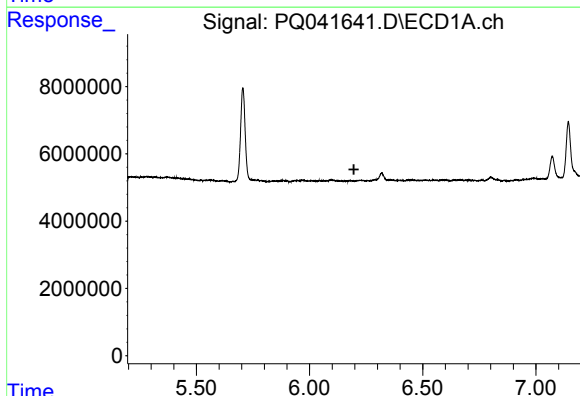
R.T.: 7.670 min
Delta R.T.: -0.032 min
Response: 122791736
Conc: 922.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



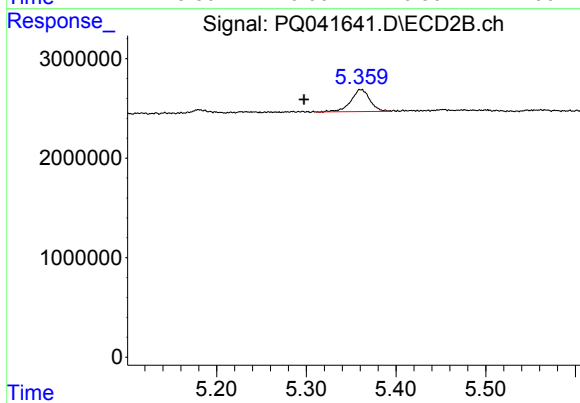
#7 AR-1016-5

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 35711975
Conc: 297.15 ng/ml



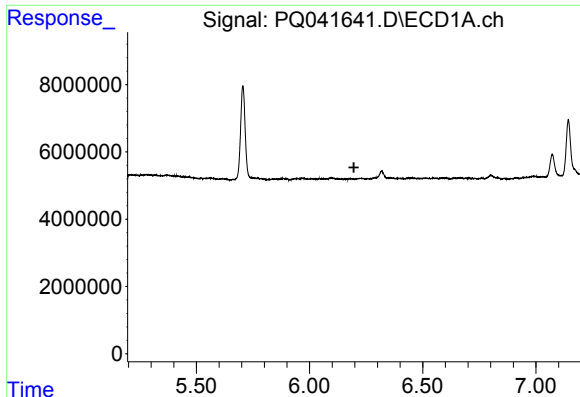
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

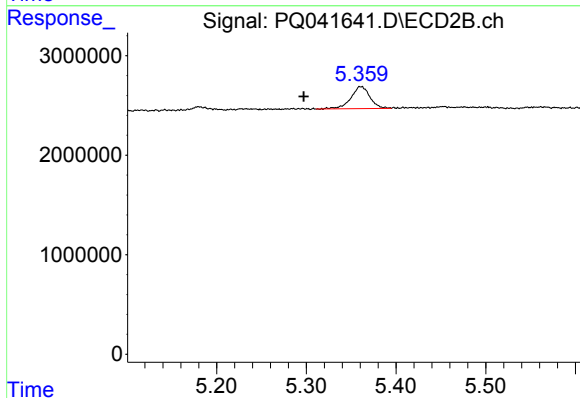
R.T.: 5.361 min
Delta R.T.: 0.063 min
Response: 3263473
Conc: 30.80 ng/ml



#11 AR-1232-1

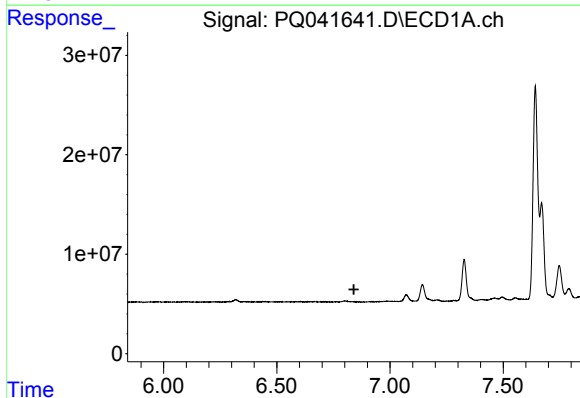
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



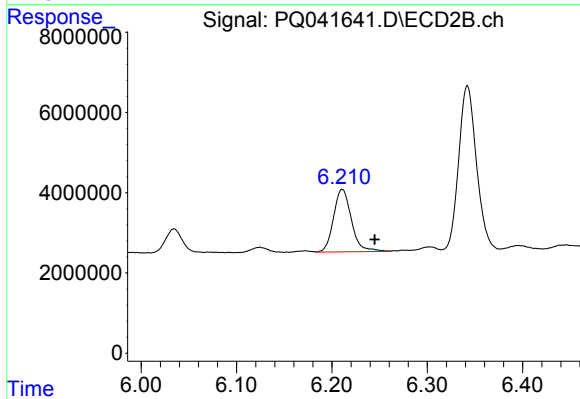
#11 AR-1232-1

R.T.: 5.361 min
Delta R.T.: 0.064 min
Response: 3263473
Conc: 43.02 ng/ml



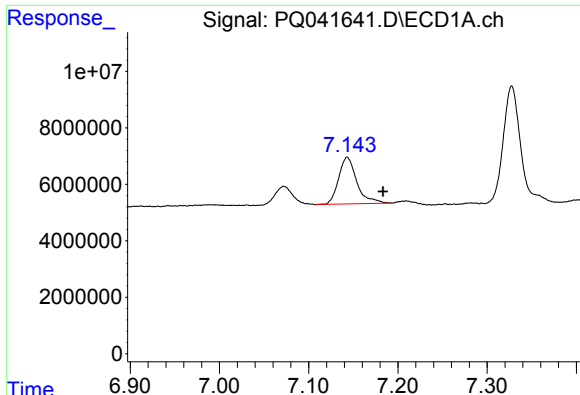
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.841 min
Response: 0
Conc: N.D.



#12 AR-1232-2

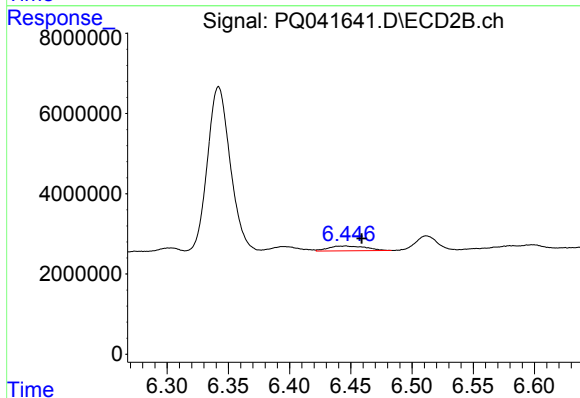
R.T.: 6.211 min
Delta R.T.: -0.034 min
Response: 20263136
Conc: 216.90 ng/ml



#13 AR-1232-3

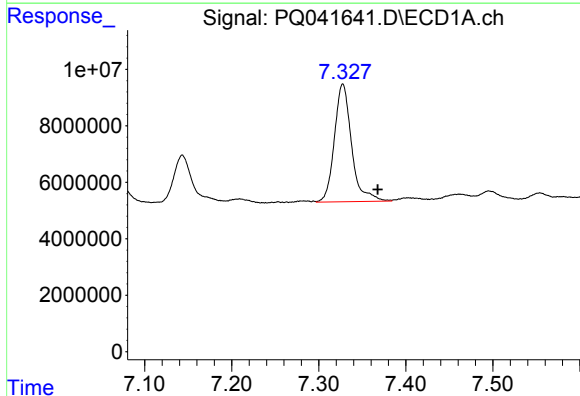
R.T.: 7.143 min
Delta R.T.: -0.040 min
Response: 23386873
Conc: 206.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



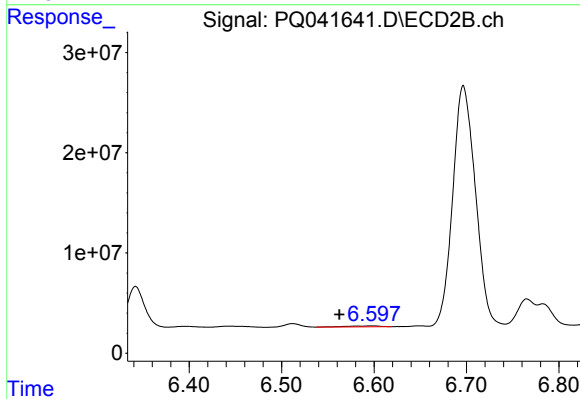
#13 AR-1232-3

R.T.: 6.446 min
Delta R.T.: -0.013 min
Response: 2513944
Conc: 52.23 ng/ml



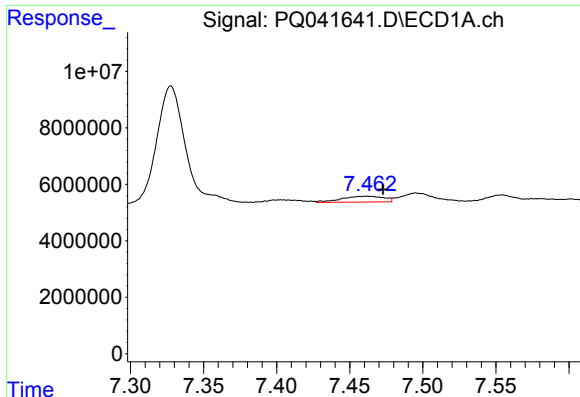
#14 AR-1232-4

R.T.: 7.328 min
Delta R.T.: -0.040 min
Response: 57365097
Conc: 970.51 ng/ml



#14 AR-1232-4

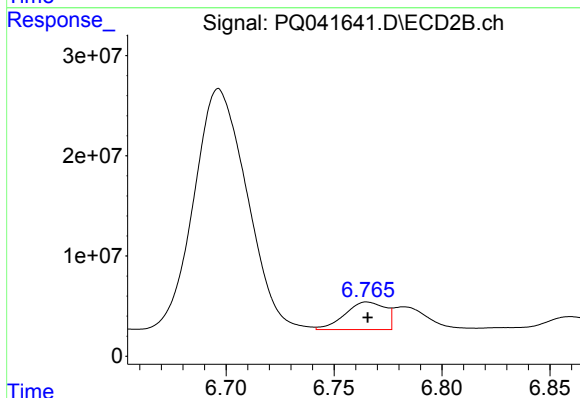
R.T.: 6.598 min
Delta R.T.: 0.036 min
Response: 2206040
Conc: 51.17 ng/ml



#15 AR-1232-5

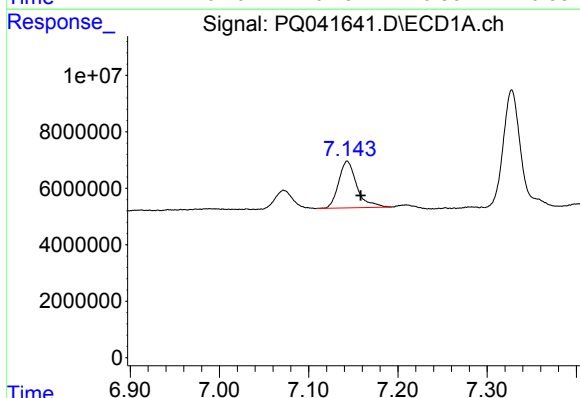
R.T.: 7.462 min
Delta R.T.: -0.011 min
Response: 4189152
Conc: 113.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



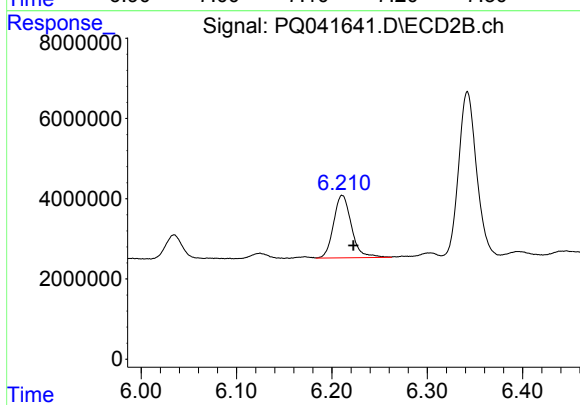
#15 AR-1232-5

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 35711975
Conc: 738.28 ng/ml



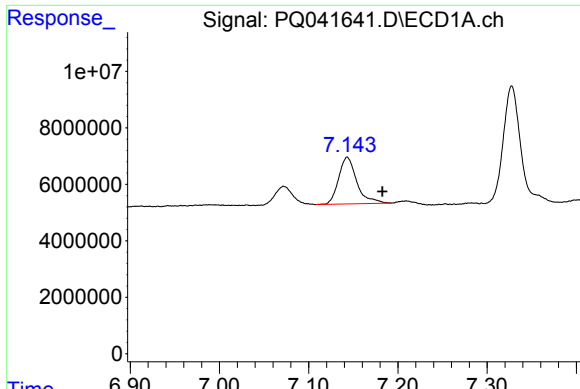
#16 AR-1242-1

R.T.: 7.143 min
Delta R.T.: -0.015 min
Response: 23386873
Conc: 186.71 ng/ml



#16 AR-1242-1

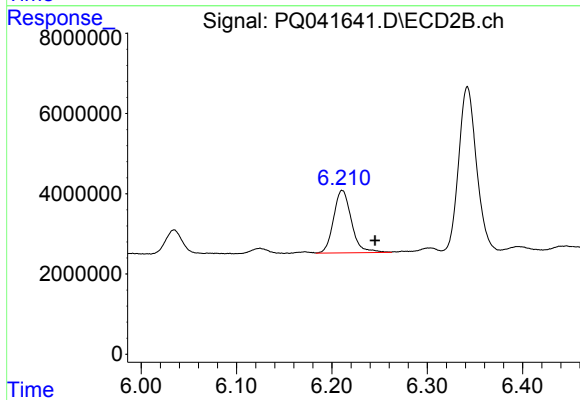
R.T.: 6.211 min
Delta R.T.: -0.012 min
Response: 20263136
Conc: 192.00 ng/ml



#17 AR-1242-2

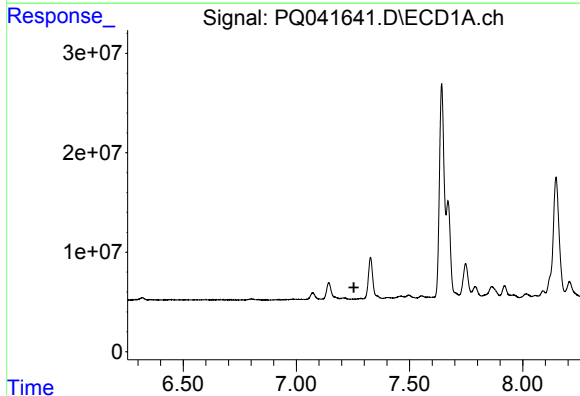
R.T.: 7.143 min
Delta R.T.: -0.040 min
Response: 23386873
Conc: 122.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



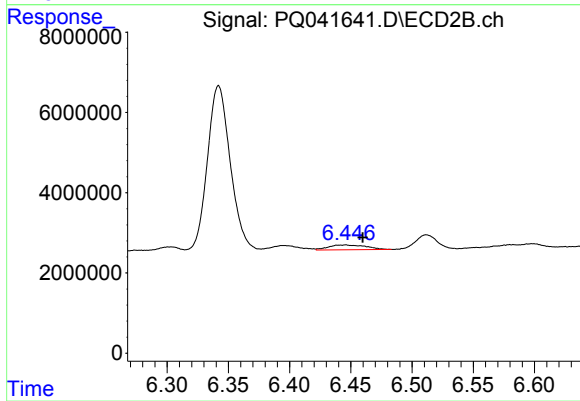
#17 AR-1242-2

R.T.: 6.211 min
Delta R.T.: -0.034 min
Response: 20263136
Conc: 130.67 ng/ml



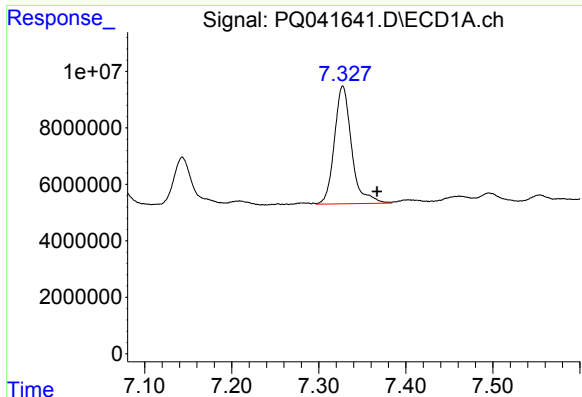
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.254 min
Response: 0
Conc: N.D.



#18 AR-1242-3

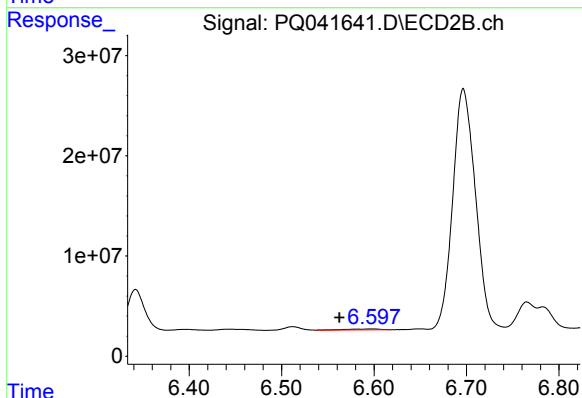
R.T.: 6.446 min
Delta R.T.: -0.014 min
Response: 2513944
Conc: 30.12 ng/ml



#19 AR-1242-4

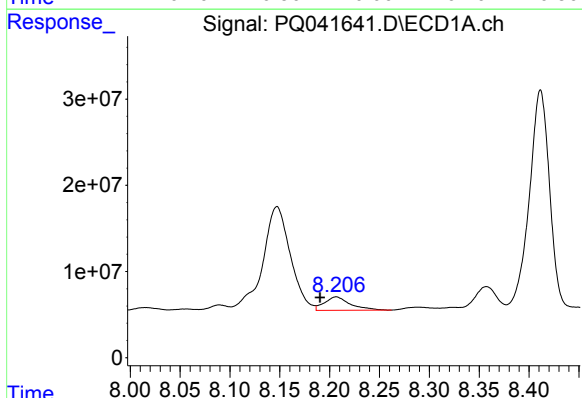
R.T.: 7.328 min
Delta R.T.: -0.039 min
Response: 57365097
Conc: 585.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



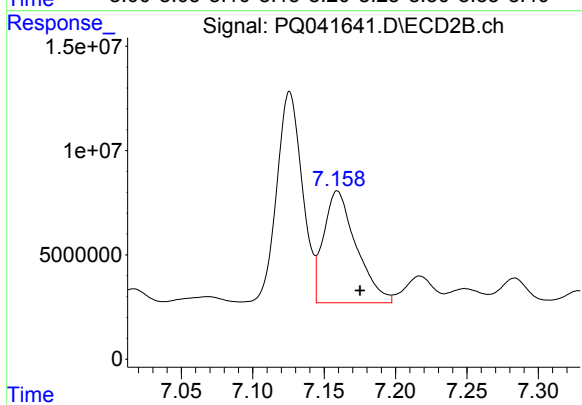
#19 AR-1242-4

R.T.: 6.598 min
Delta R.T.: 0.036 min
Response: 2206040
Conc: 27.08 ng/ml



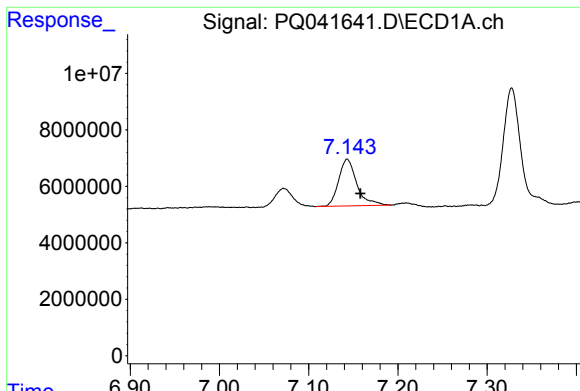
#20 AR-1242-5

R.T.: 8.207 min
Delta R.T.: 0.016 min
Response: 28112493
Conc: 212.05 ng/ml



#20 AR-1242-5

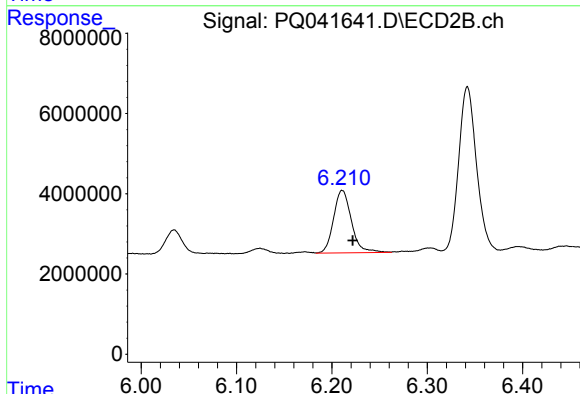
R.T.: 7.159 min
Delta R.T.: -0.016 min
Response: 85240914
Conc: 682.86 ng/ml



#21 AR-1248-1

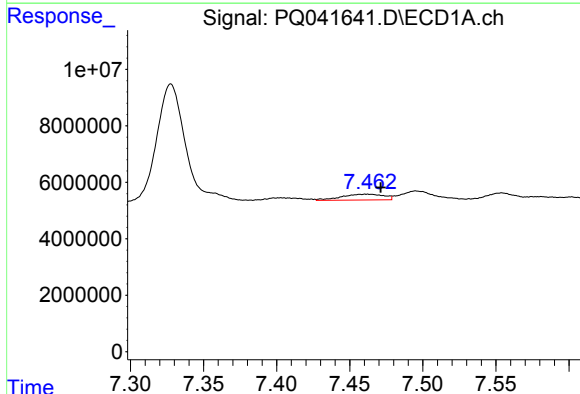
R.T.: 7.143 min
Delta R.T.: -0.014 min
Response: 23386873
Conc: 252.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



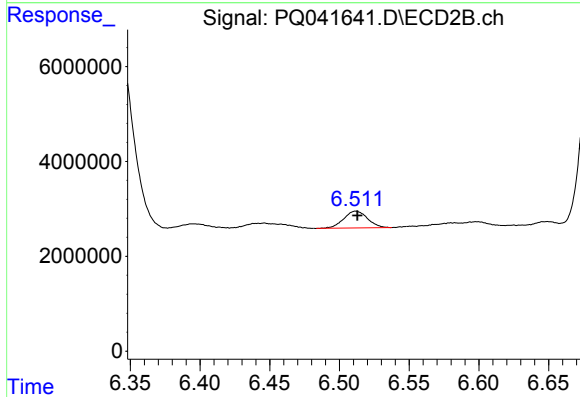
#21 AR-1248-1

R.T.: 6.211 min
Delta R.T.: -0.011 min
Response: 20263136
Conc: 252.29 ng/ml



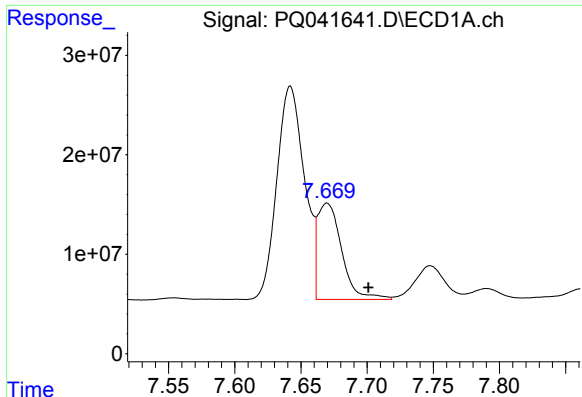
#22 AR-1248-2

R.T.: 7.462 min
Delta R.T.: -0.009 min
Response: 4189152
Conc: 34.04 ng/ml



#22 AR-1248-2

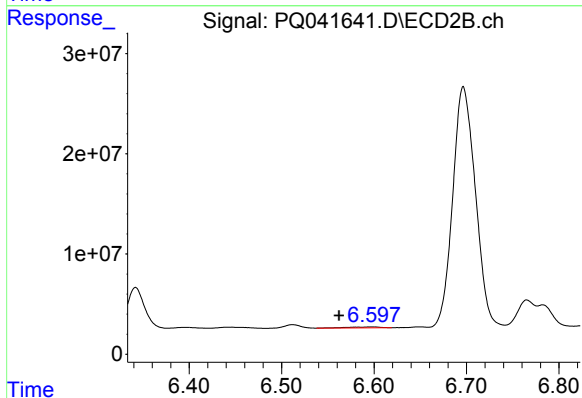
R.T.: 6.512 min
Delta R.T.: -0.001 min
Response: 4245063
Conc: 37.90 ng/ml



#23 AR-1248-3

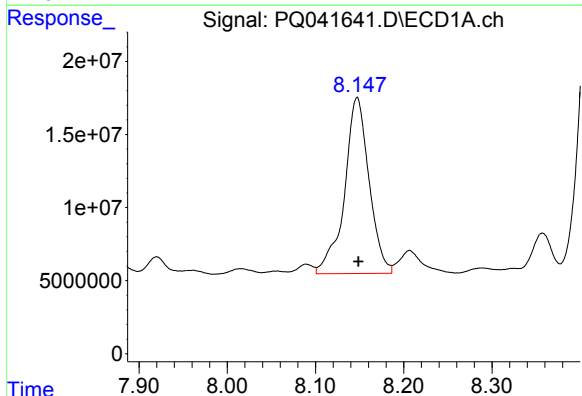
R.T.: 7.670 min
Delta R.T.: -0.031 min
Response: 122791736
Conc: 781.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



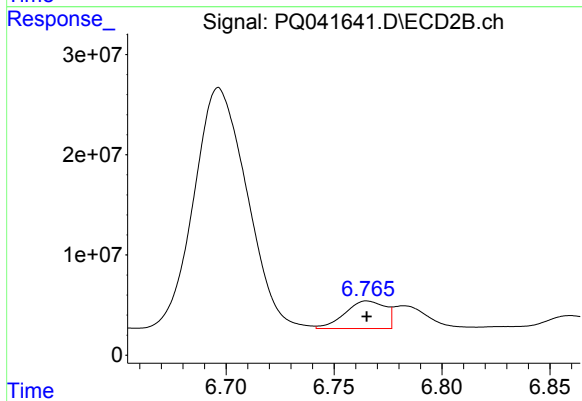
#23 AR-1248-3

R.T.: 6.598 min
Delta R.T.: 0.036 min
Response: 2206040
Conc: 19.11 ng/ml



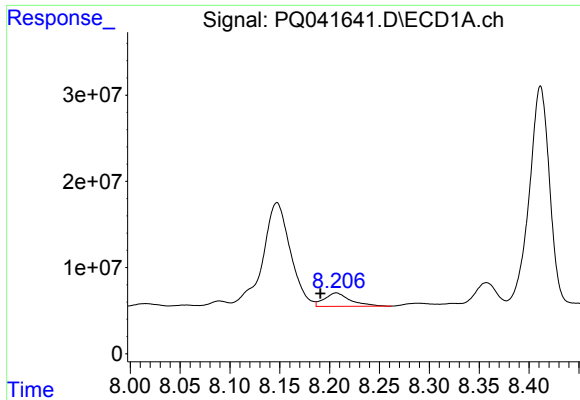
#24 AR-1248-4

R.T.: 8.147 min
Delta R.T.: -0.002 min
Response: 233227789
Conc: 1079.71 ng/ml



#24 AR-1248-4

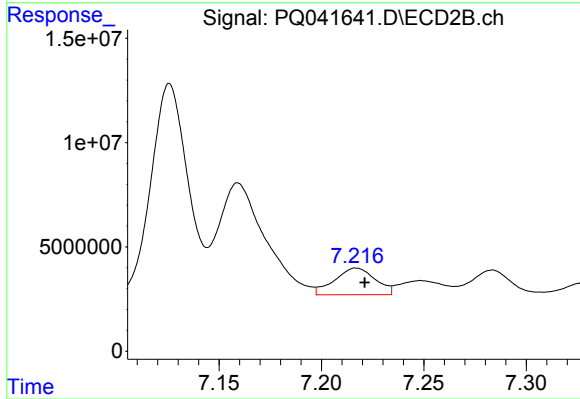
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 35711975
Conc: 246.70 ng/ml



#25 AR-1248-5

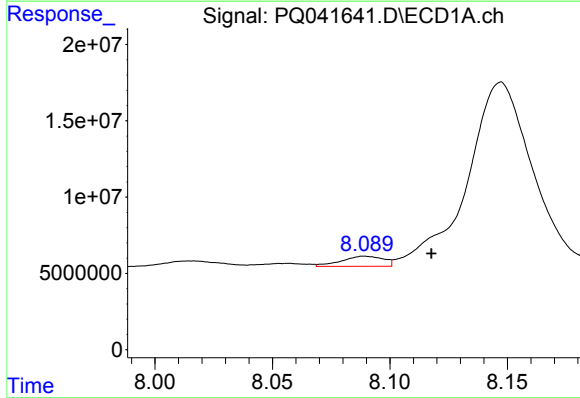
R.T.: 8.207 min
Delta R.T.: 0.016 min
Response: 28112493
Conc: 132.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



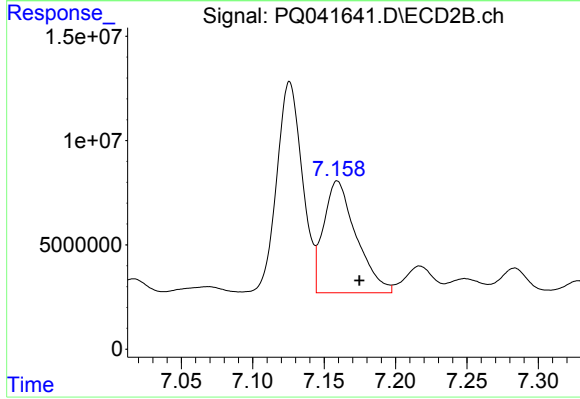
#25 AR-1248-5

R.T.: 7.217 min
Delta R.T.: -0.004 min
Response: 17661371
Conc: 104.95 ng/ml



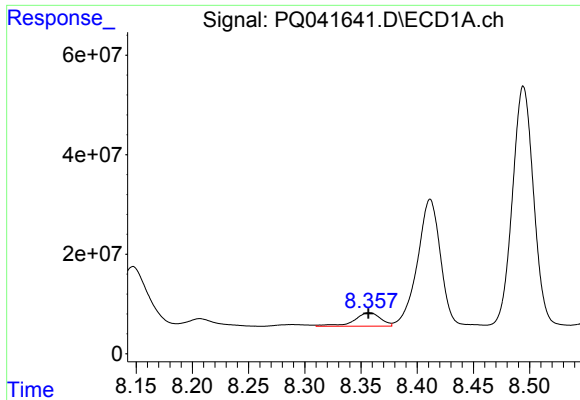
#26 AR-1254-1

R.T.: 8.089 min
Delta R.T.: -0.028 min
Response: 8168474
Conc: 40.30 ng/ml



#26 AR-1254-1

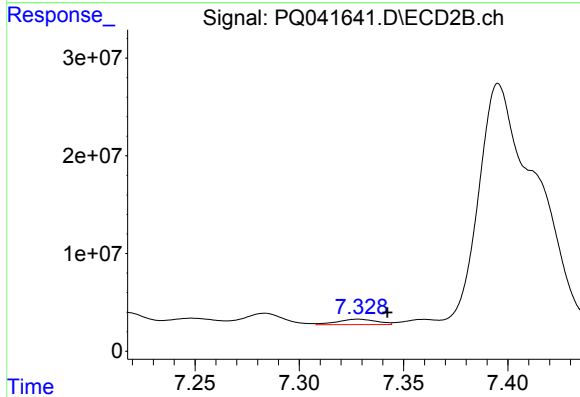
R.T.: 7.159 min
Delta R.T.: -0.016 min
Response: 85240914
Conc: 335.19 ng/ml



#27 AR-1254-2

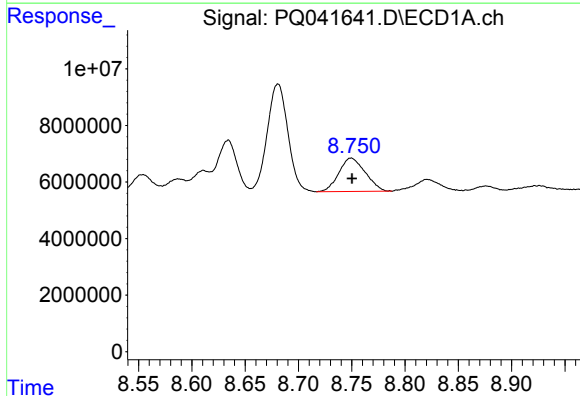
R.T.: 8.357 min
Delta R.T.: 0.000 min
Response: 44141928
Conc: 127.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



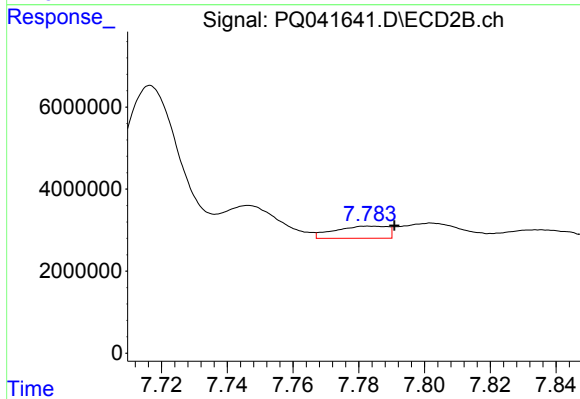
#27 AR-1254-2

R.T.: 7.328 min
Delta R.T.: -0.014 min
Response: 7324093
Conc: 32.01 ng/ml



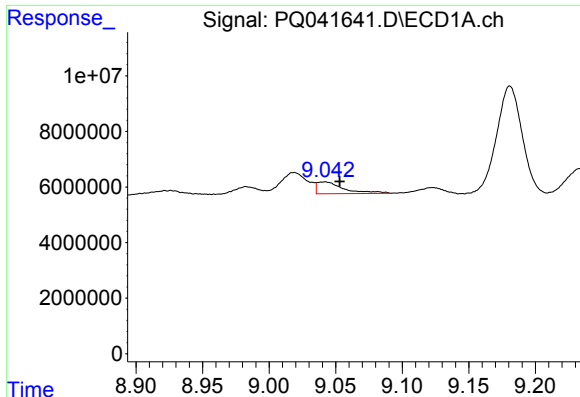
#28 AR-1254-3

R.T.: 8.749 min
Delta R.T.: 0.000 min
Response: 20291243
Conc: 48.97 ng/ml



#28 AR-1254-3

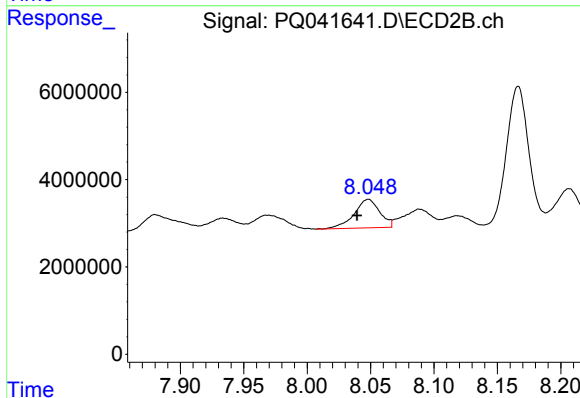
R.T.: 7.783 min
Delta R.T.: -0.008 min
Response: 3311378
Conc: 8.16 ng/ml



#29 AR-1254-4

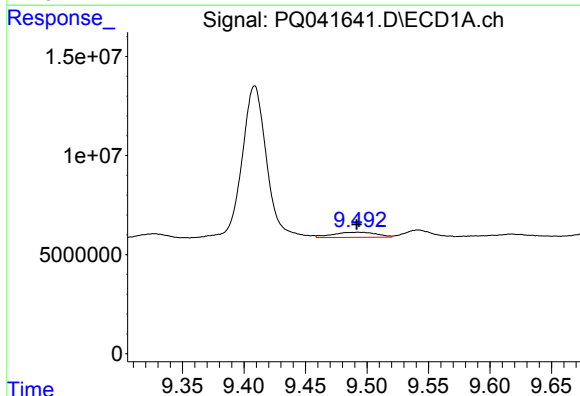
R.T.: 9.042 min
Delta R.T.: -0.011 min
Response: 5875465
Conc: 16.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



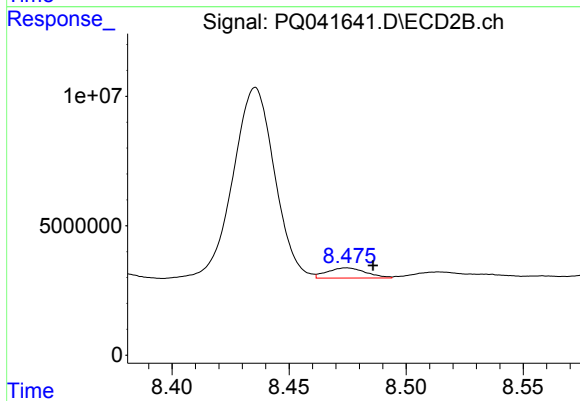
#29 AR-1254-4

R.T.: 8.048 min
Delta R.T.: 0.009 min
Response: 9152993
Conc: 33.50 ng/ml



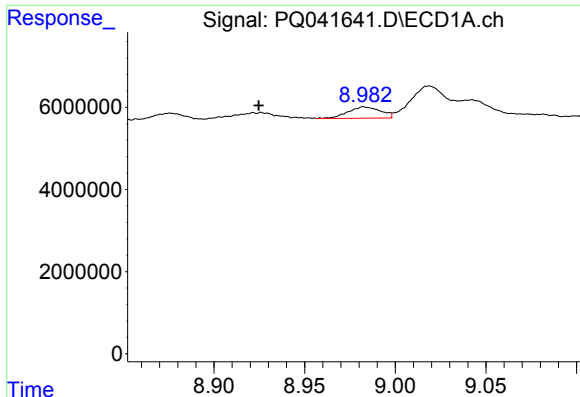
#30 AR-1254-5

R.T.: 9.493 min
Delta R.T.: 0.001 min
Response: 6362971
Conc: 15.85 ng/ml



#30 AR-1254-5

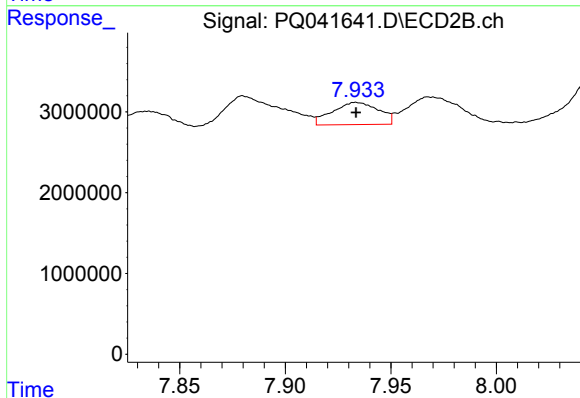
R.T.: 8.475 min
Delta R.T.: -0.011 min
Response: 4528586
Conc: 11.34 ng/ml



#31 AR-1260-1

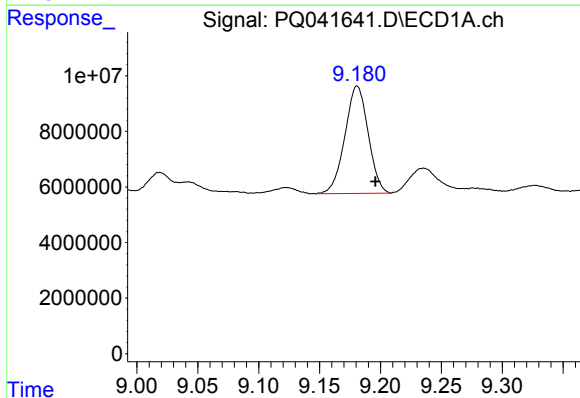
R.T.: 8.983 min
Delta R.T.: 0.058 min
Response: 3454126
Conc: 11.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



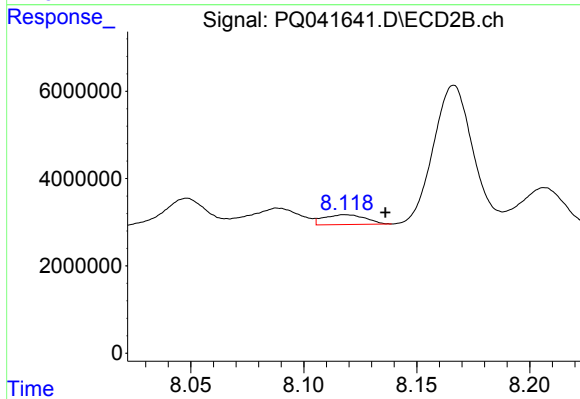
#31 AR-1260-1

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 4176053
Conc: 15.70 ng/ml



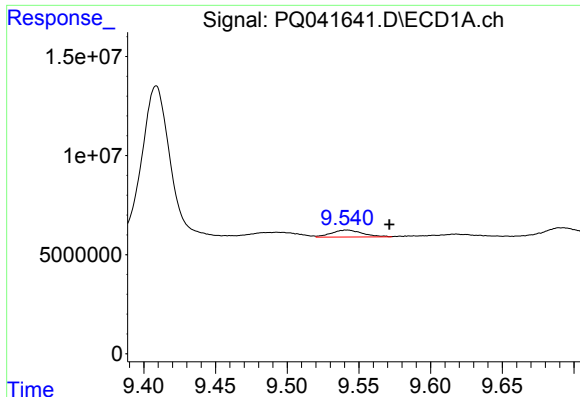
#32 AR-1260-2

R.T.: 9.181 min
Delta R.T.: -0.015 min
Response: 51445018
Conc: 112.24 ng/ml



#32 AR-1260-2

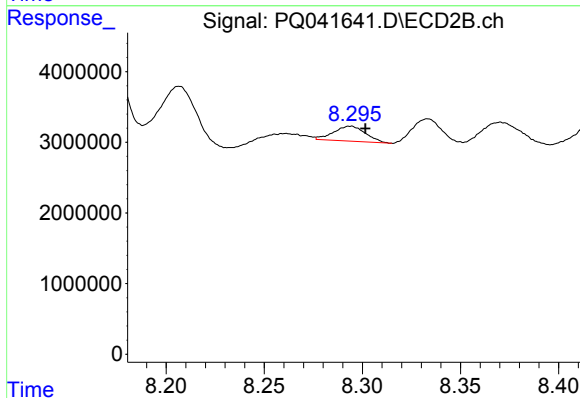
R.T.: 8.118 min
Delta R.T.: -0.018 min
Response: 2886270
Conc: 7.95 ng/ml



#33 AR-1260-3

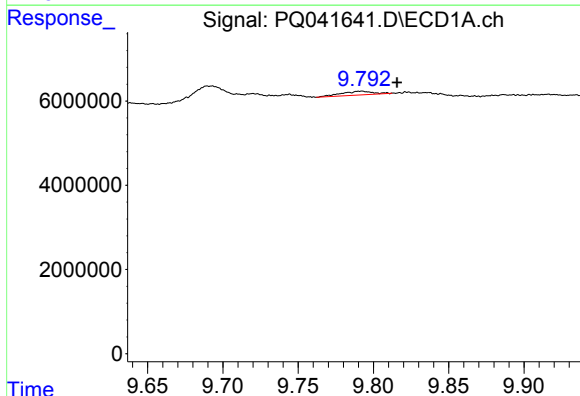
R.T.: 9.542 min
Delta R.T.: -0.030 min
Response: 5352340
Conc: 12.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



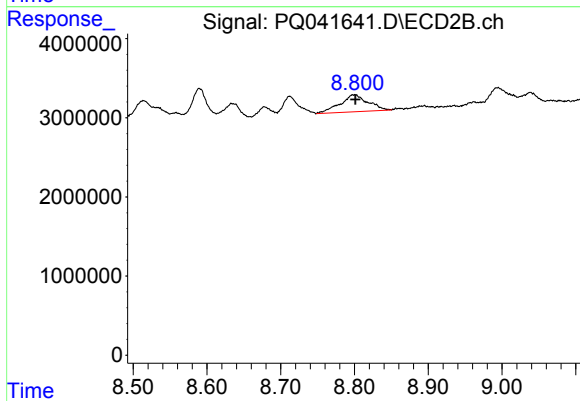
#33 AR-1260-3

R.T.: 8.294 min
Delta R.T.: -0.008 min
Response: 2400157
Conc: 7.64 ng/ml



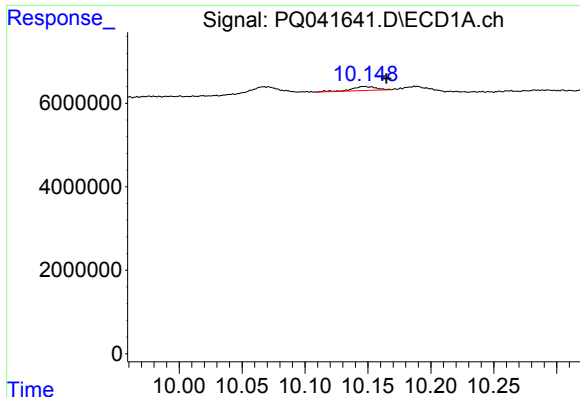
#34 AR-1260-4

R.T.: 9.792 min
Delta R.T.: -0.024 min
Response: 1317547
Conc: 3.13 ng/ml



#34 AR-1260-4

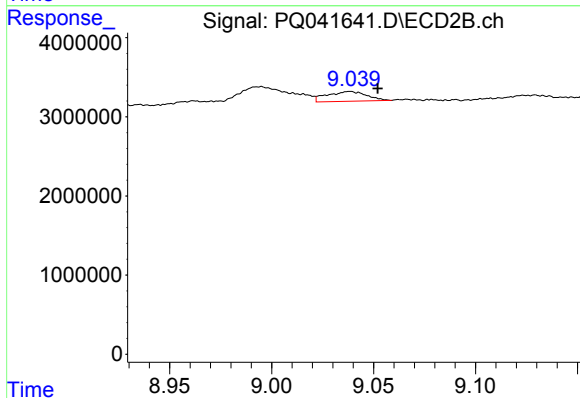
R.T.: 8.800 min
Delta R.T.: -0.001 min
Response: 5696040
Conc: 20.01 ng/ml



#35 AR-1260-5

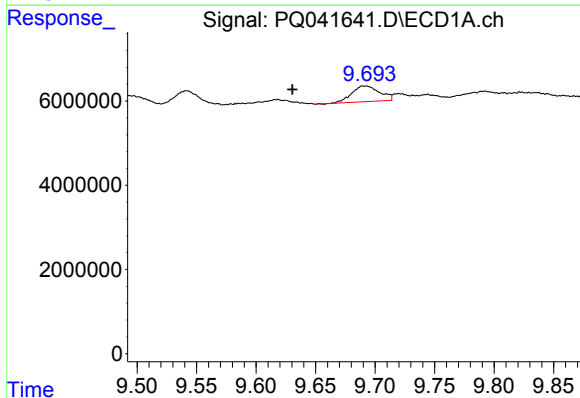
R.T.: 10.147 min
Delta R.T.: -0.018 min
Response: 1268501
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



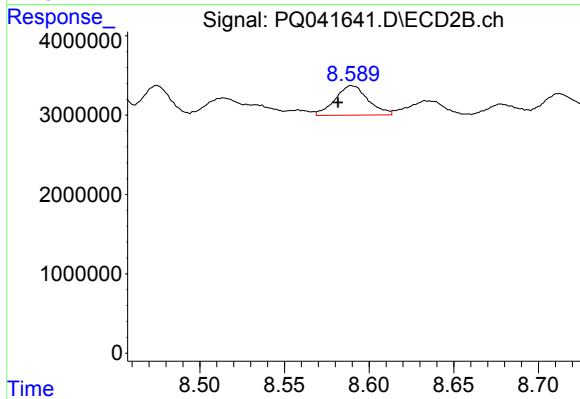
#35 AR-1260-5

R.T.: 9.038 min
Delta R.T.: -0.014 min
Response: 1683647
Conc: 2.26 ng/ml



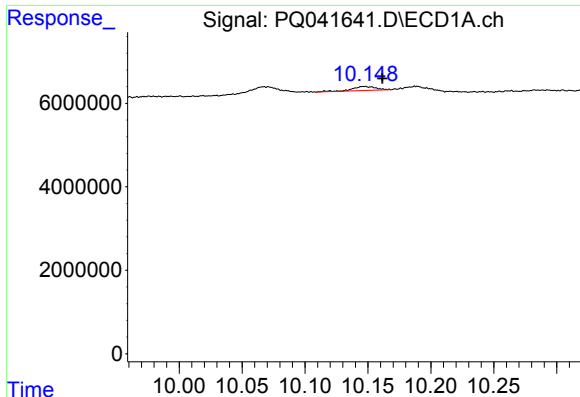
#36 AR-1262-1

R.T.: 9.692 min
Delta R.T.: 0.061 min
Response: 6055845
Conc: 24.67 ng/ml



#36 AR-1262-1

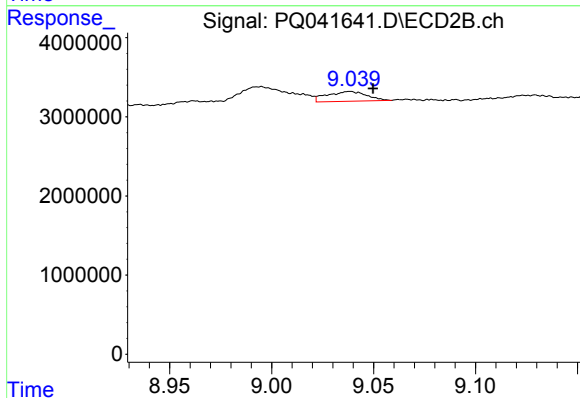
R.T.: 8.590 min
Delta R.T.: 0.008 min
Response: 5037593
Conc: 26.19 ng/ml



#37 AR-1262-2

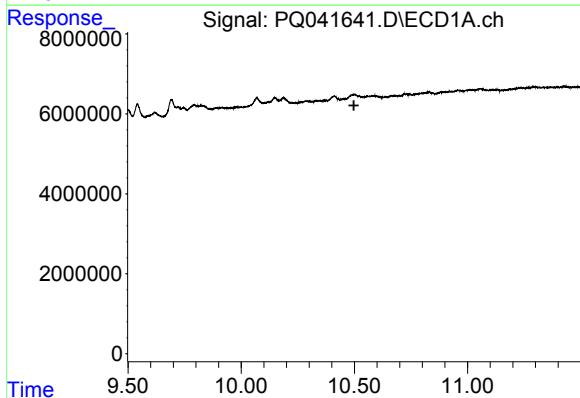
R.T.: 10.147 min
Delta R.T.: -0.014 min
Response: 1268501
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



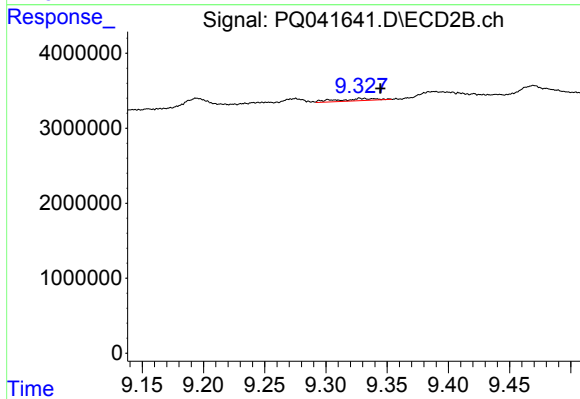
#37 AR-1262-2

R.T.: 9.038 min
Delta R.T.: -0.011 min
Response: 1683647
Conc: 2.00 ng/ml



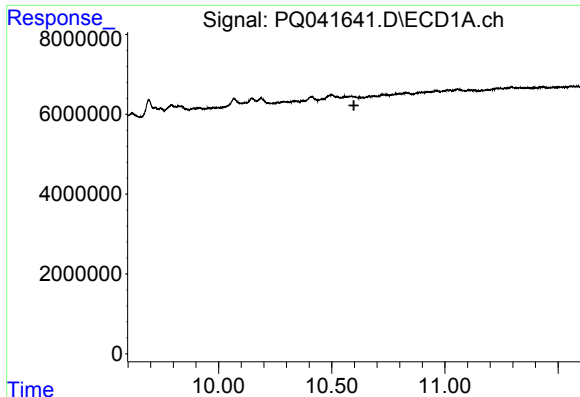
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.498 min
Response: 0
Conc: N.D.



#38 AR-1262-3

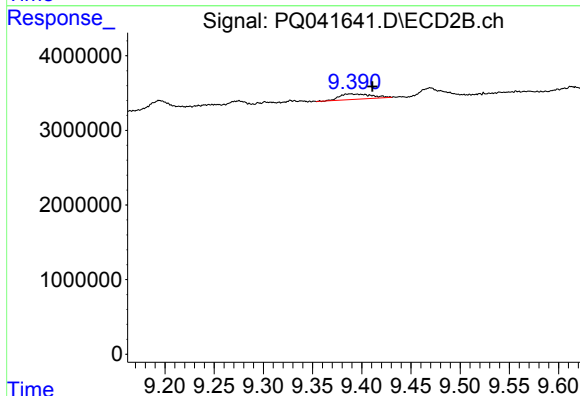
R.T.: 9.328 min
Delta R.T.: -0.017 min
Response: 629241
Conc: 1.79 ng/ml



#39 AR-1262-4

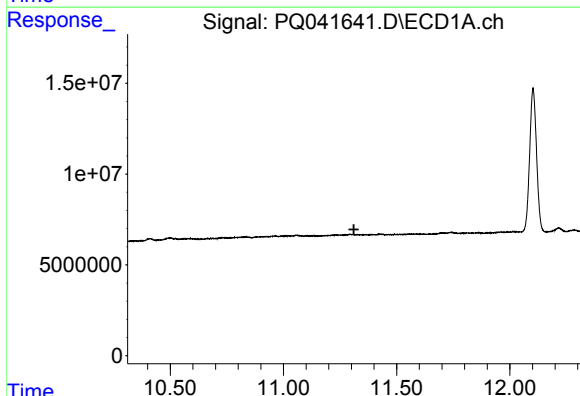
R.T.: 0.000 min
Exp R.T.: 10.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



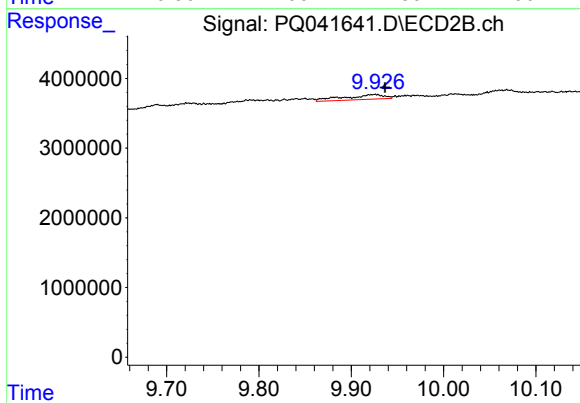
#39 AR-1262-4

R.T.: 9.389 min
Delta R.T.: -0.022 min
Response: 1605432
Conc: 2.73 ng/ml



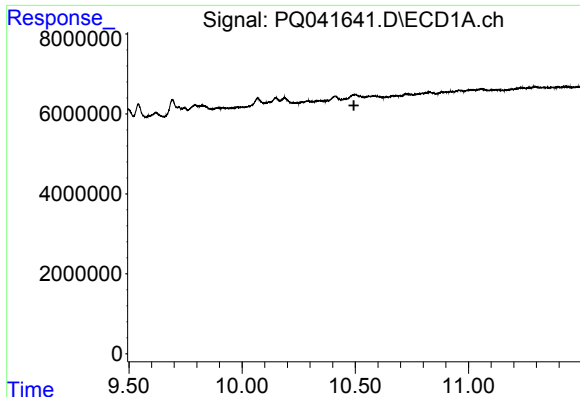
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.311 min
Response: 0
Conc: N.D.



#40 AR-1262-5

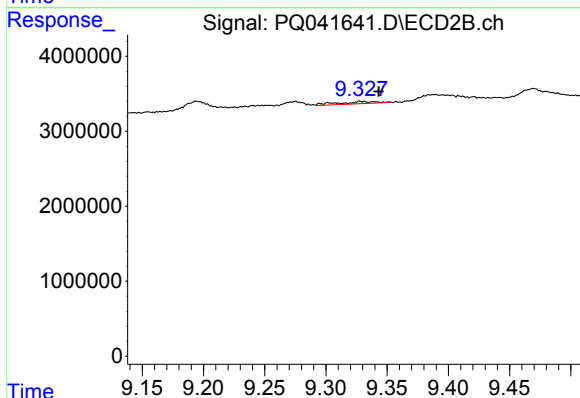
R.T.: 9.925 min
Delta R.T.: -0.012 min
Response: 2075666
Conc: 8.65 ng/ml



#41 AR-1268-1

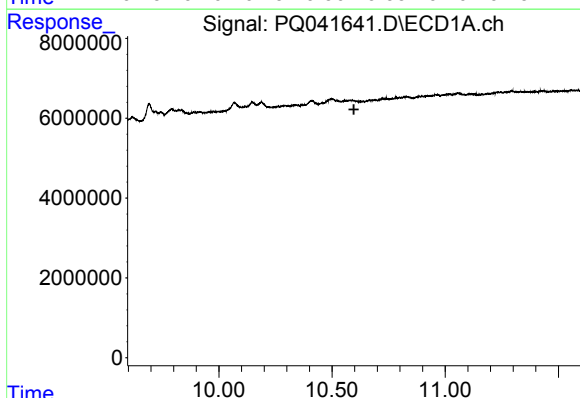
R.T.: 0.000 min
Exp R.T.: 10.494 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



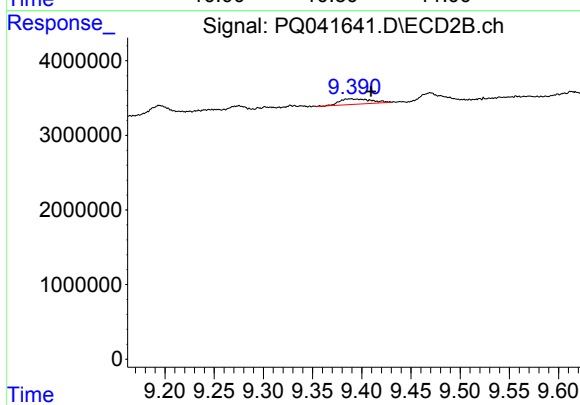
#41 AR-1268-1

R.T.: 9.328 min
Delta R.T.: -0.015 min
Response: 629241
Conc: 0.55 ng/ml



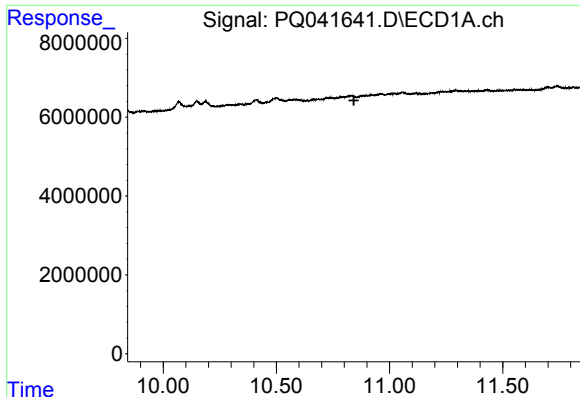
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.596 min
Response: 0
Conc: N.D.



#42 AR-1268-2

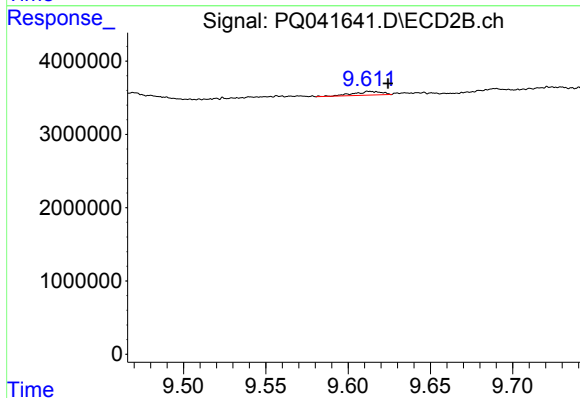
R.T.: 9.389 min
Delta R.T.: -0.021 min
Response: 1605432
Conc: 1.65 ng/ml



#43 AR-1268-3

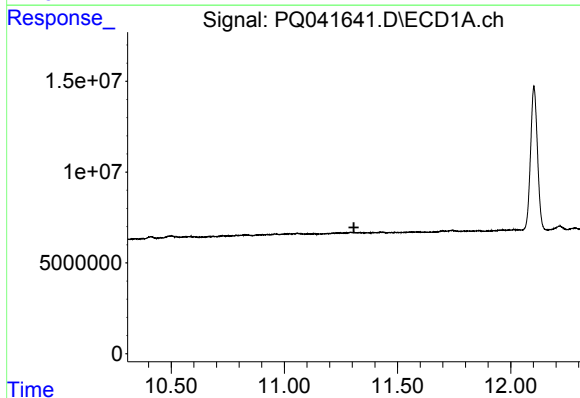
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



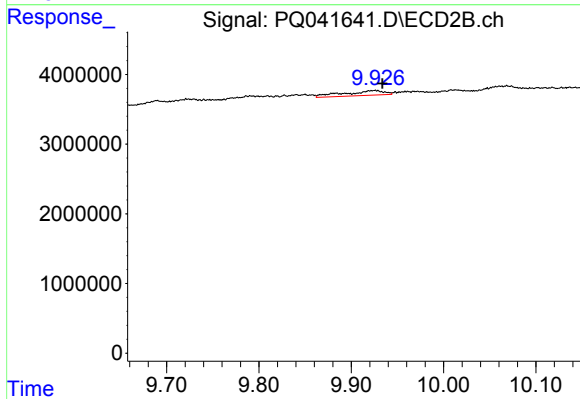
#43 AR-1268-3

R.T.: 9.613 min
Delta R.T.: -0.011 min
Response: 590602
Conc: 0.74 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.307 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 9.925 min
Delta R.T.: -0.009 min
Response: 2075666
Conc: 6.76 ng/ml