

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 20:36
 Operator : SM\AJ
 Sample : K3020-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 01:03:28 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...	5.700	4.758	30424885	25337959	7.948	8.429
2)	SA Decachlor...	12.107	10.523	125.4E6	66635967	12.123	14.624
Target Compounds							
3)	L1 AR-1016-1	7.146	6.212	2783253	2598249	15.947	17.758
4)	L1 AR-1016-2	7.171	6.235	4571590	3526142	17.335	16.941
5)	L1 AR-1016-3	7.324	6.502	4862404	3162915	30.057	28.014
6)	L1 AR-1016-4	7.324	6.502	4862404	3162915	36.080	34.694
7)	L1 AR-1016-5	7.639	6.758	18447204	1943530	138.628	16.172 #
12)	L3 AR-1232-2	0.000	6.235	0	3526142	N.D.	37.745 #
13)	L3 AR-1232-3	7.171	6.502	4571590	3162915	40.392	65.712 #
14)	L3 AR-1232-4	7.324	6.551	4862404	3262923	82.263	75.680
15)	L3 AR-1232-5	7.461	6.758	3297768	1943530	89.359	40.179 #
16)	L4 AR-1242-1	7.146	6.212	2783253	2598249	22.220	24.619
17)	L4 AR-1242-2	7.171	6.235	4571590	3526142	24.006	22.740
18)	L4 AR-1242-3	7.324	6.502	4862404	3162915	41.125	37.901
19)	L4 AR-1242-4	7.324	6.551	4862404	3262923	49.607	40.060
20)	L4 AR-1242-5	8.142	7.162	24783835	9185527	186.940	73.585 #
21)	L5 AR-1248-1	7.146	6.212	2783253	2598249	30.005	32.349
22)	L5 AR-1248-2	7.461	6.502	3297768	3162915	26.798	28.237
23)	L5 AR-1248-3	7.639	6.551	18447204	3262923	117.472	28.268 #
24)	L5 AR-1248-4	8.142	6.758	24783835	1943530	114.735	13.426 #
25)	L5 AR-1248-5	8.142	7.212	24783835	3757135	116.378	22.326 #
26)	L6 AR-1254-1	8.108	7.162	5901568	9185527	29.115	36.120
27)	L6 AR-1254-2	8.349	7.333	9147515	3849451	26.484	16.825 #
28)	L6 AR-1254-3	8.741	7.781	10494267	9784764	25.325	24.107
29)	L6 AR-1254-4	9.043	8.030	6158691	3020008	17.016	11.055 #
30)	L6 AR-1254-5	9.481	8.476	7222443	5968270	17.987	14.948
31)	L7 AR-1260-1	8.912	7.923	4485233	4675628	14.846	17.581
32)	L7 AR-1260-2	9.181	8.125	13583204	2827120	29.634	7.791 #
33)	L7 AR-1260-3	9.558	8.292	2488662	1661056	5.861	5.290
34)	L7 AR-1260-4	9.800	8.789	10703396	1330850	25.427	4.675 #
35)	L7 AR-1260-5	10.149	9.041	16086144	3379325	15.054	4.545 #
36)	L8 AR-1262-1	0.000	8.513	0	2949369	N.D.	15.334 #
37)	L8 AR-1262-2	10.149	9.041	16086144	3379325	13.246	4.022 #
38)	L8 AR-1262-3	10.488	9.335	5245657	3582212	6.294	10.185 #
39)	L8 AR-1262-4	10.589	9.402	2930778	3924422	4.499	6.678 #
40)	L8 AR-1262-5	11.296	9.926	2138008	1566440	4.677	6.528 #
41)	L9 AR-1268-1	10.488	9.335	5245657	3582212	2.907	3.135
42)	L9 AR-1268-2	10.589	9.402	2930778	3924422	1.837	4.039 #
43)	L9 AR-1268-3	10.834	9.616	10396341	4881183	7.395	6.115
44)	L9 AR-1268-4	11.296	9.926	2138008	1566440	3.766	5.105 #
45)	L9 AR-1268-5	11.744	10.244	26096723	8865444	6.024	4.487 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2019 20:36
Operator : SM\AJ
Sample : K3020-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 01:03:28 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

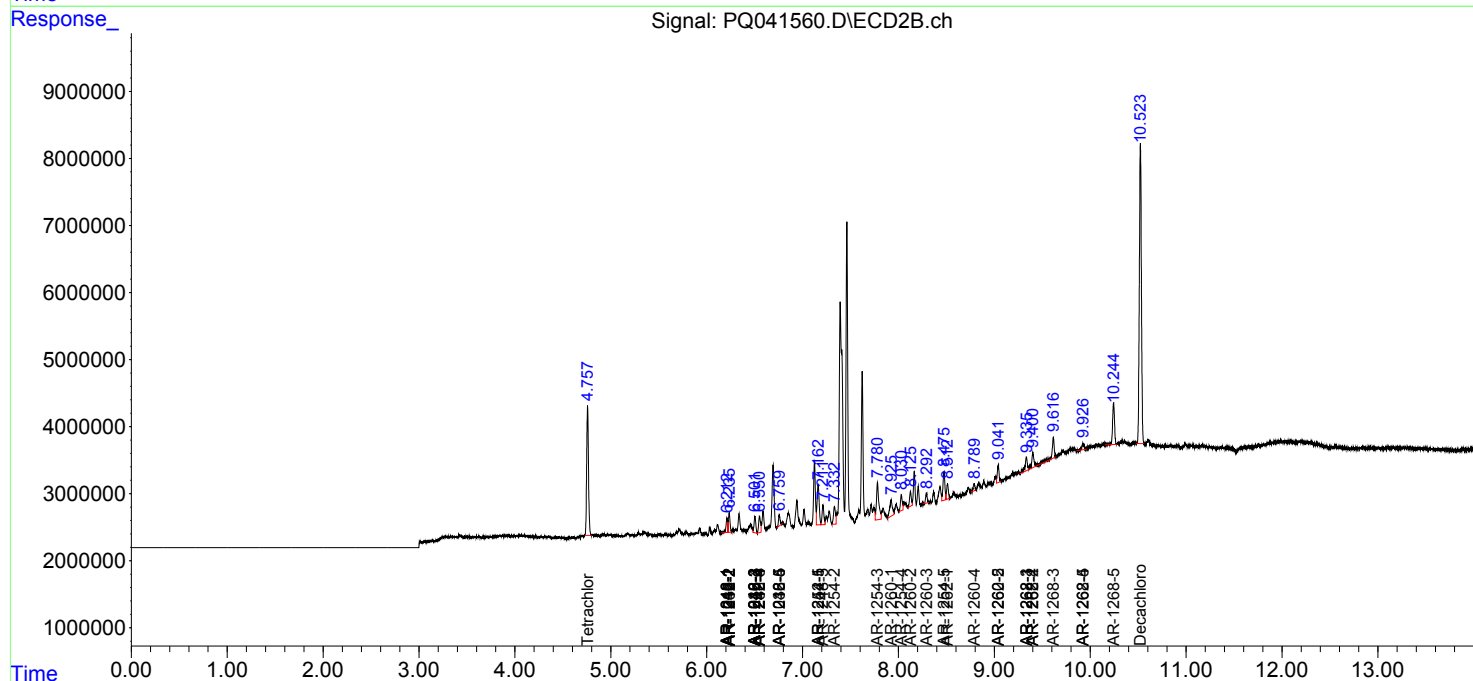
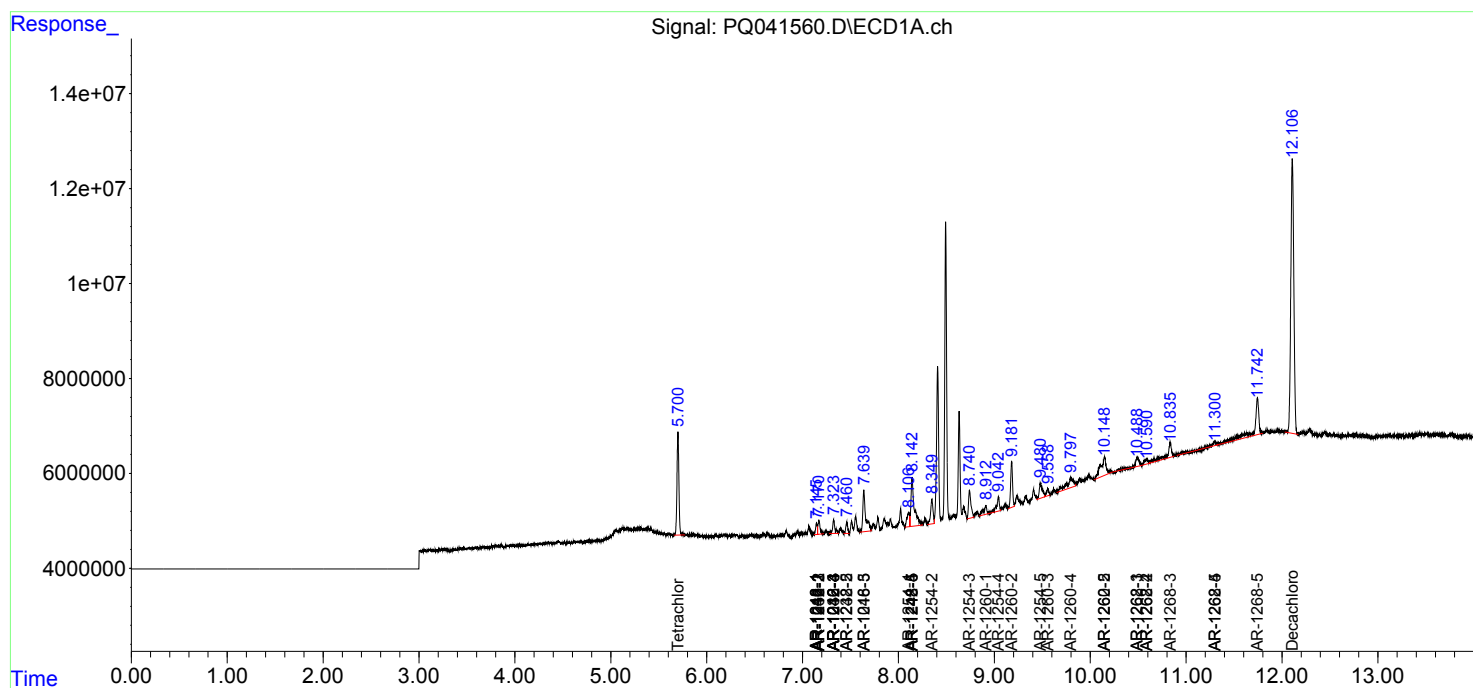
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

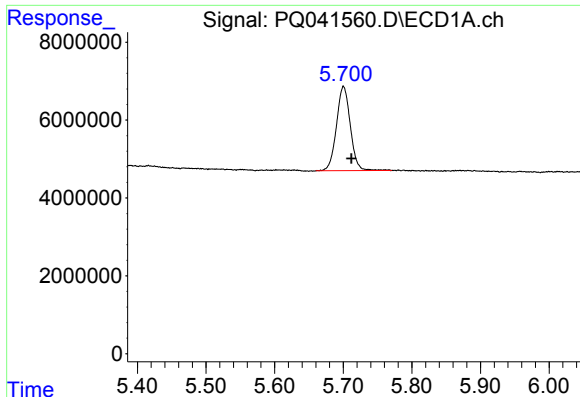
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
Data File : PQ041560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2019 20:36
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Sample : K3020-12
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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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

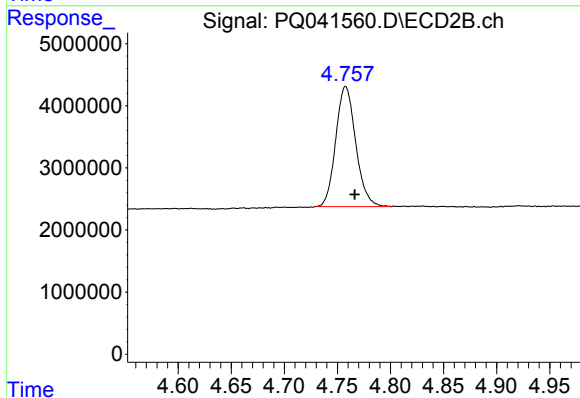




#1 Tetrachloro-m-xylene

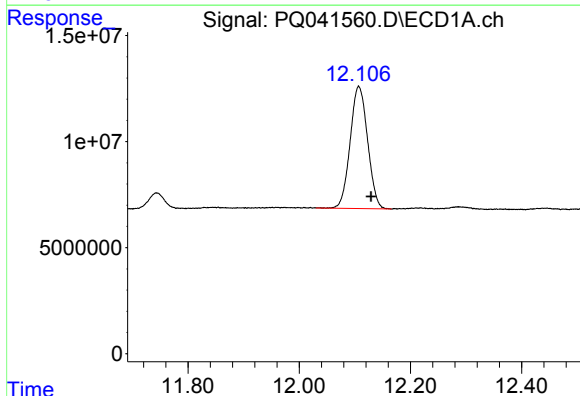
R.T.: 5.700 min
Delta R.T.: -0.012 min
Response: 30424885
Conc: 7.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



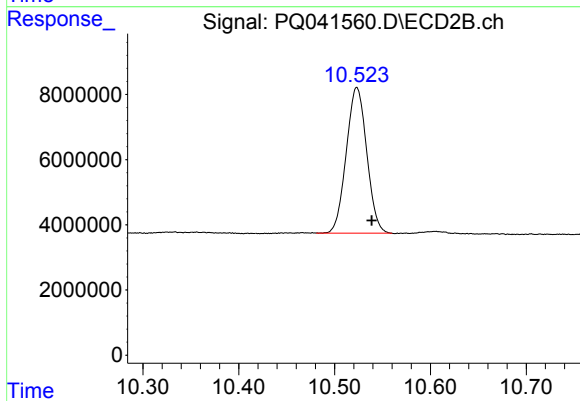
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: -0.009 min
Response: 25337959
Conc: 8.43 ng/ml



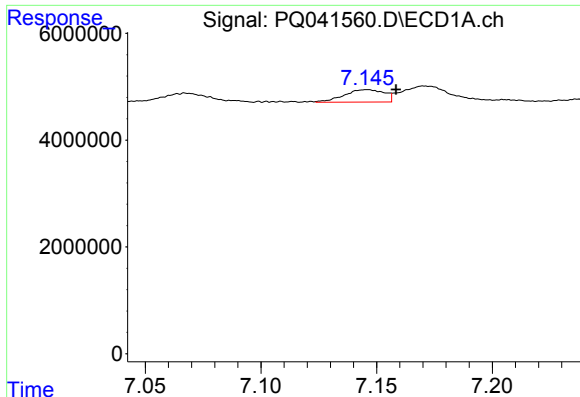
#2 Decachlorobiphenyl

R.T.: 12.107 min
Delta R.T.: -0.022 min
Response: 125394518
Conc: 12.12 ng/ml



#2 Decachlorobiphenyl

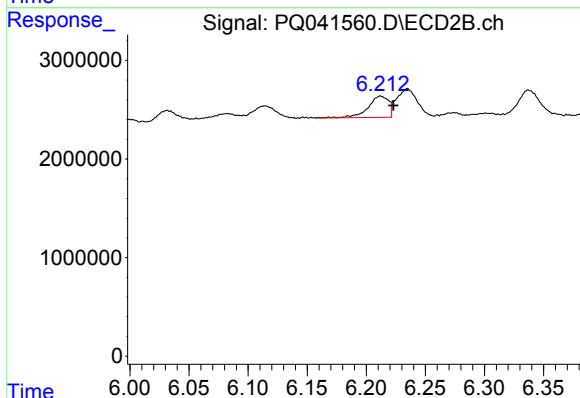
R.T.: 10.523 min
Delta R.T.: -0.016 min
Response: 66635967
Conc: 14.62 ng/ml



#3 AR-1016-1

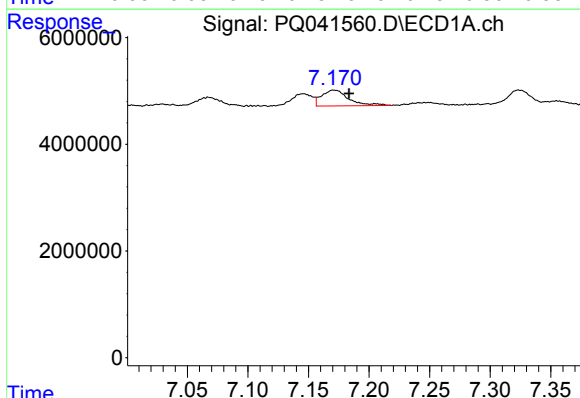
R.T.: 7.146 min
Delta R.T.: -0.013 min
Response: 2783253
Conc: 15.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



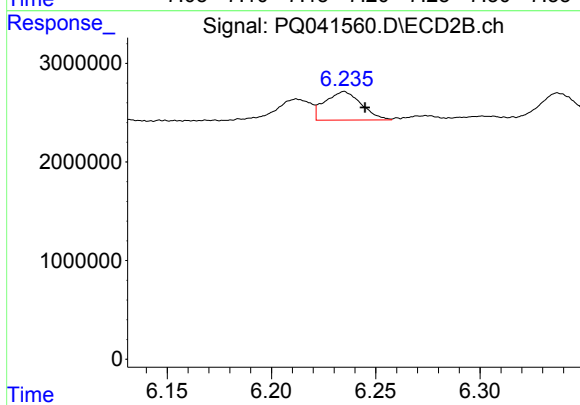
#3 AR-1016-1

R.T.: 6.212 min
Delta R.T.: -0.011 min
Response: 2598249
Conc: 17.76 ng/ml



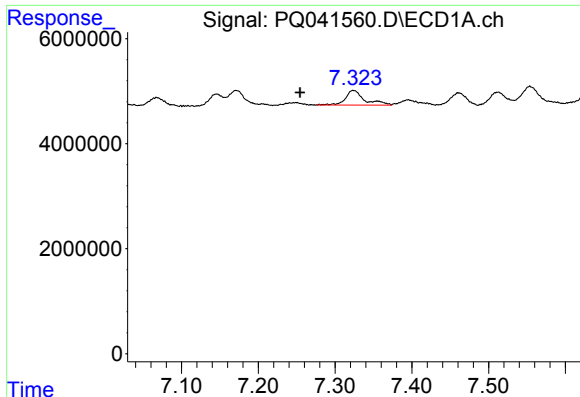
#4 AR-1016-2

R.T.: 7.171 min
Delta R.T.: -0.012 min
Response: 4571590
Conc: 17.33 ng/ml



#4 AR-1016-2

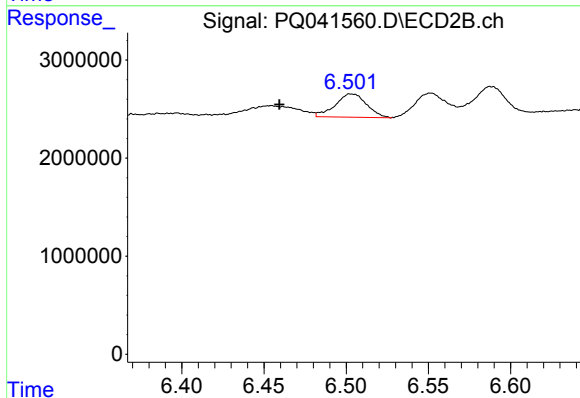
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 3526142
Conc: 16.94 ng/ml



#5 AR-1016-3

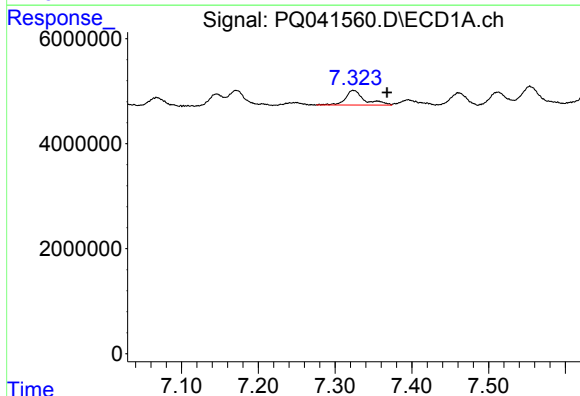
R.T.: 7.324 min
Delta R.T.: 0.070 min
Response: 4862404
Conc: 30.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



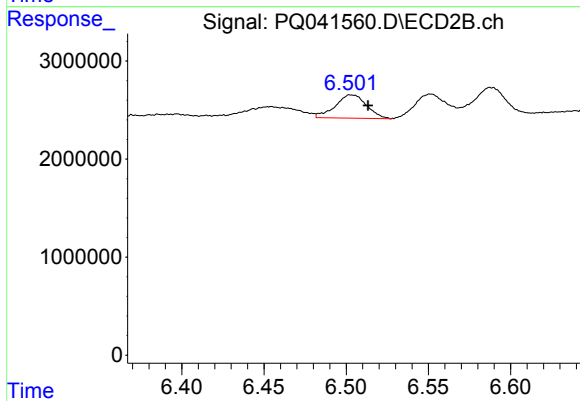
#5 AR-1016-3

R.T.: 6.502 min
Delta R.T.: 0.043 min
Response: 3162915
Conc: 28.01 ng/ml



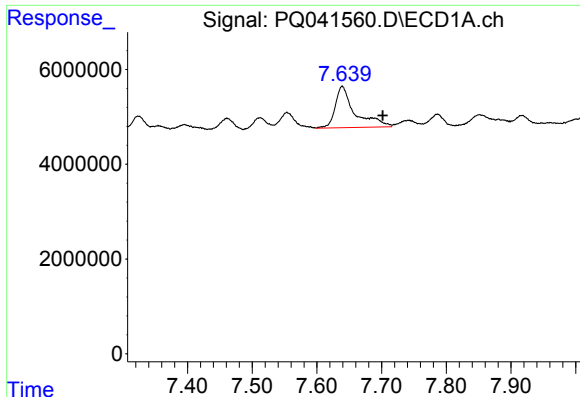
#6 AR-1016-4

R.T.: 7.324 min
Delta R.T.: -0.044 min
Response: 4862404
Conc: 36.08 ng/ml



#6 AR-1016-4

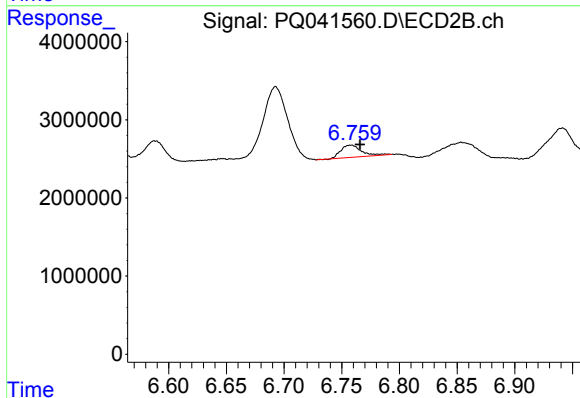
R.T.: 6.502 min
Delta R.T.: -0.011 min
Response: 3162915
Conc: 34.69 ng/ml



#7 AR-1016-5

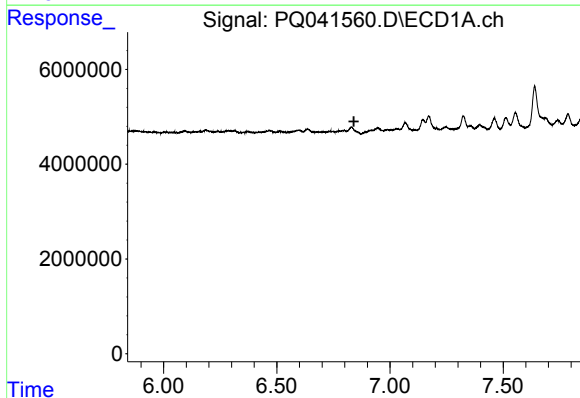
R.T.: 7.639 min
Delta R.T.: -0.062 min
Response: 18447204
Conc: 138.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



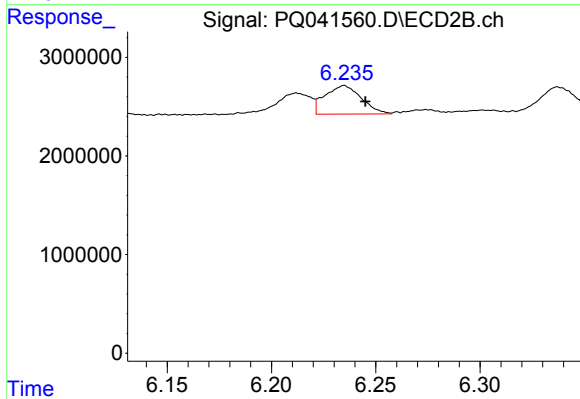
#7 AR-1016-5

R.T.: 6.758 min
Delta R.T.: -0.007 min
Response: 1943530
Conc: 16.17 ng/ml



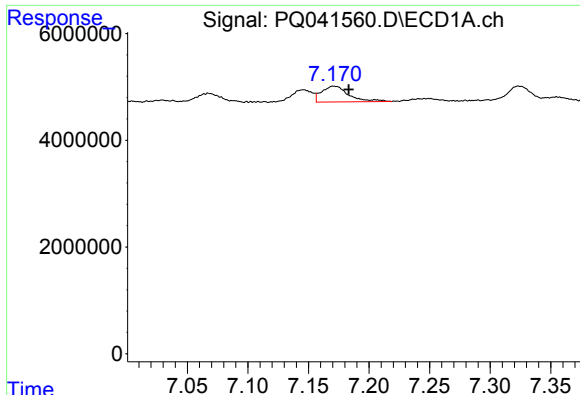
#12 AR-1232-2

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



#12 AR-1232-2

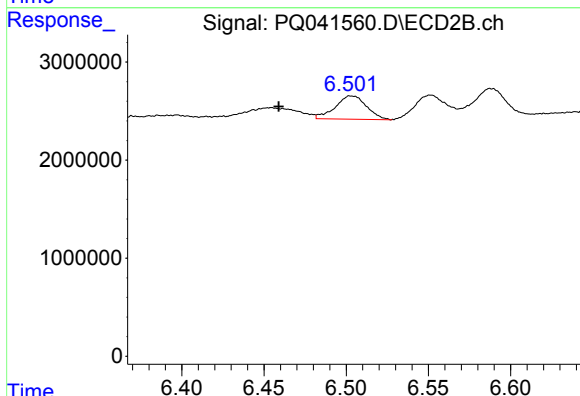
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 3526142
Conc: 37.74 ng/ml



#13 AR-1232-3

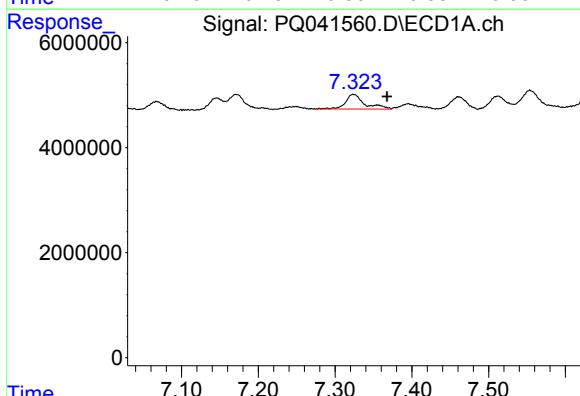
R.T.: 7.171 min
Delta R.T.: -0.012 min
Response: 4571590
Conc: 40.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



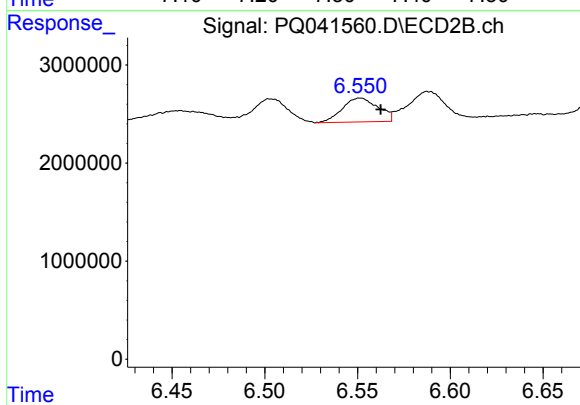
#13 AR-1232-3

R.T.: 6.502 min
Delta R.T.: 0.043 min
Response: 3162915
Conc: 65.71 ng/ml



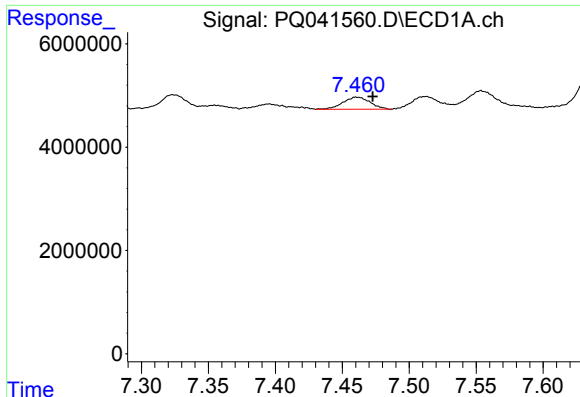
#14 AR-1232-4

R.T.: 7.324 min
Delta R.T.: -0.044 min
Response: 4862404
Conc: 82.26 ng/ml



#14 AR-1232-4

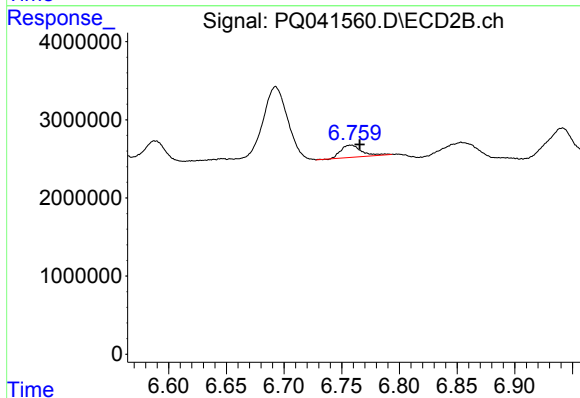
R.T.: 6.551 min
Delta R.T.: -0.011 min
Response: 3262923
Conc: 75.68 ng/ml



#15 AR-1232-5

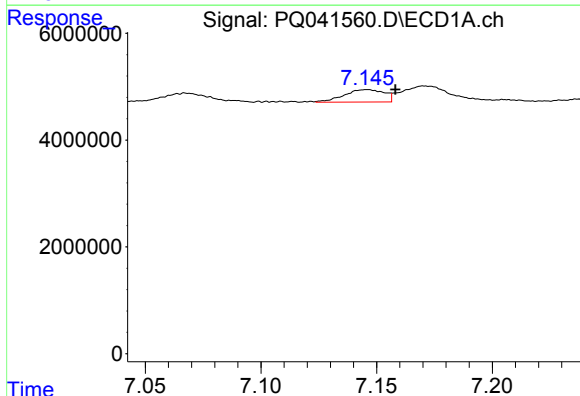
R.T.: 7.461 min
Delta R.T.: -0.012 min
Response: 3297768
Conc: 89.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



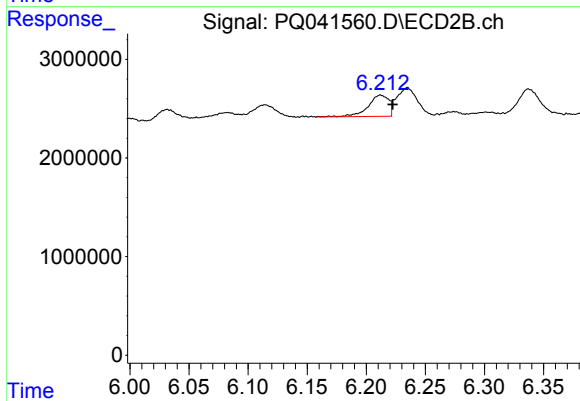
#15 AR-1232-5

R.T.: 6.758 min
Delta R.T.: -0.007 min
Response: 1943530
Conc: 40.18 ng/ml



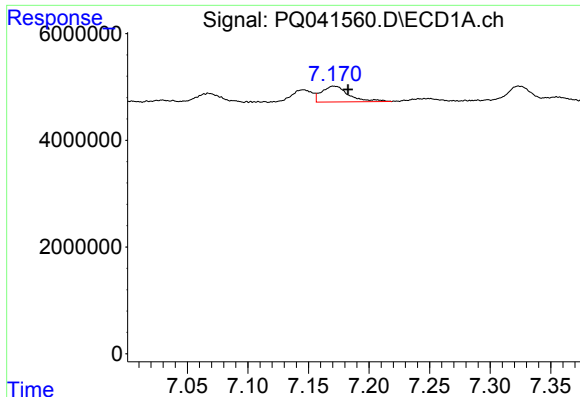
#16 AR-1242-1

R.T.: 7.146 min
Delta R.T.: -0.012 min
Response: 2783253
Conc: 22.22 ng/ml



#16 AR-1242-1

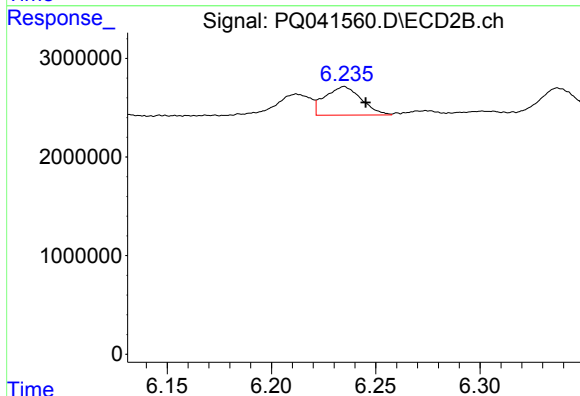
R.T.: 6.212 min
Delta R.T.: -0.010 min
Response: 2598249
Conc: 24.62 ng/ml



#17 AR-1242-2

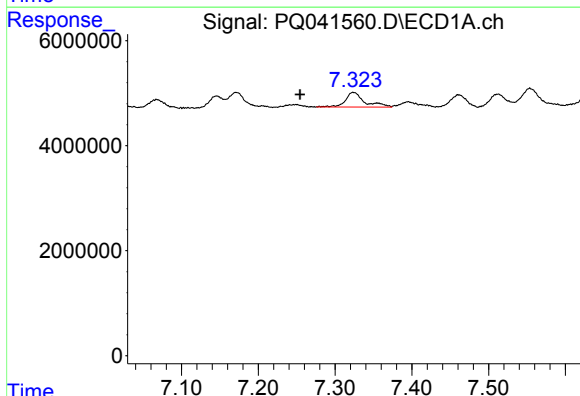
R.T.: 7.171 min
Delta R.T.: -0.011 min
Response: 4571590
Conc: 24.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



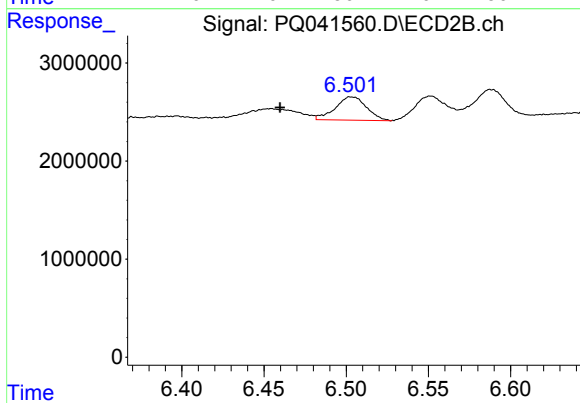
#17 AR-1242-2

R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 3526142
Conc: 22.74 ng/ml



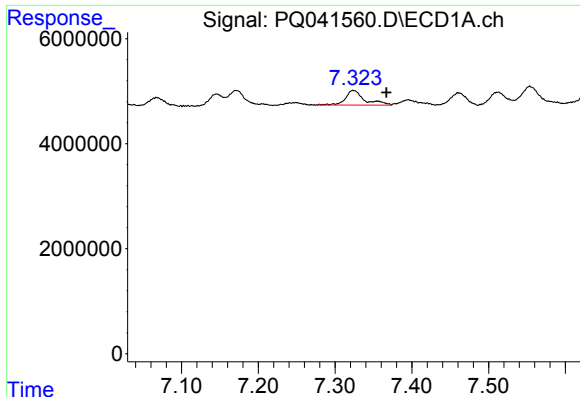
#18 AR-1242-3

R.T.: 7.324 min
Delta R.T.: 0.070 min
Response: 4862404
Conc: 41.13 ng/ml



#18 AR-1242-3

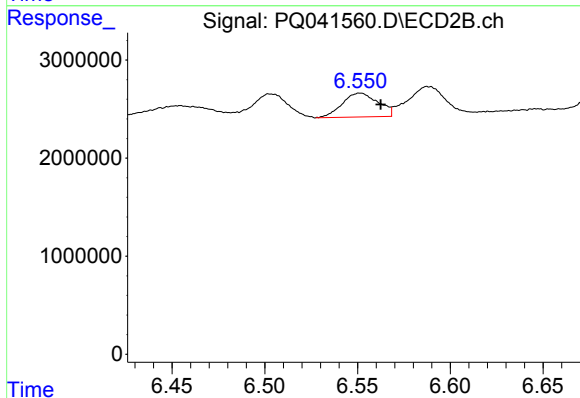
R.T.: 6.502 min
Delta R.T.: 0.043 min
Response: 3162915
Conc: 37.90 ng/ml



#19 AR-1242-4

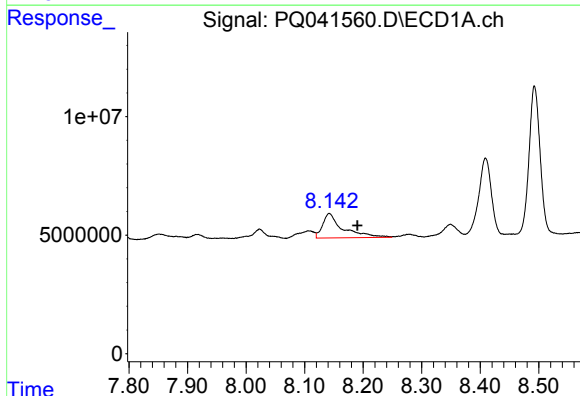
R.T.: 7.324 min
Delta R.T.: -0.043 min
Response: 4862404
Conc: 49.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



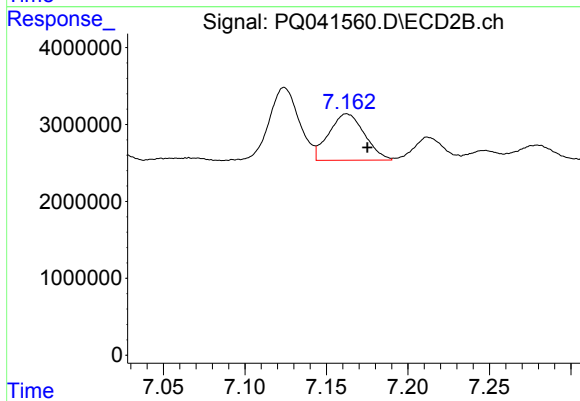
#19 AR-1242-4

R.T.: 6.551 min
Delta R.T.: -0.011 min
Response: 3262923
Conc: 40.06 ng/ml



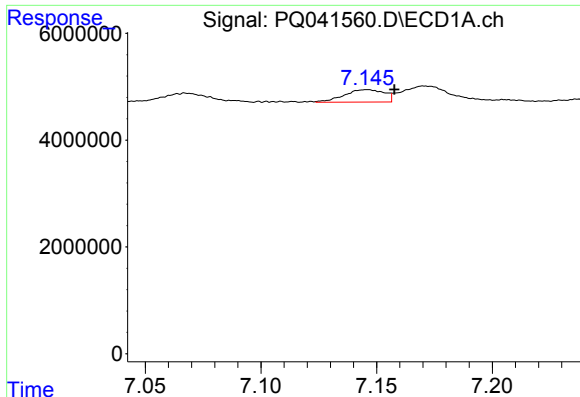
#20 AR-1242-5

R.T.: 8.142 min
Delta R.T.: -0.048 min
Response: 24783835
Conc: 186.94 ng/ml



#20 AR-1242-5

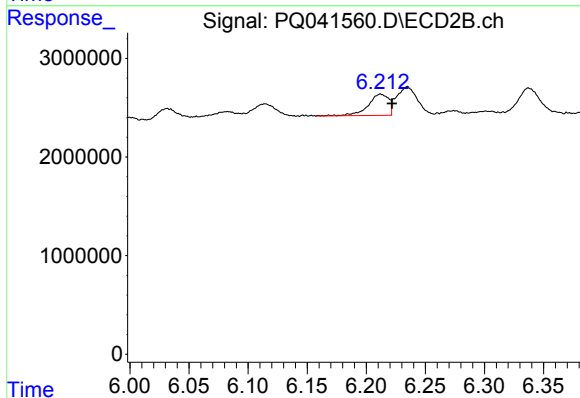
R.T.: 7.162 min
Delta R.T.: -0.013 min
Response: 9185527
Conc: 73.58 ng/ml



#21 AR-1248-1

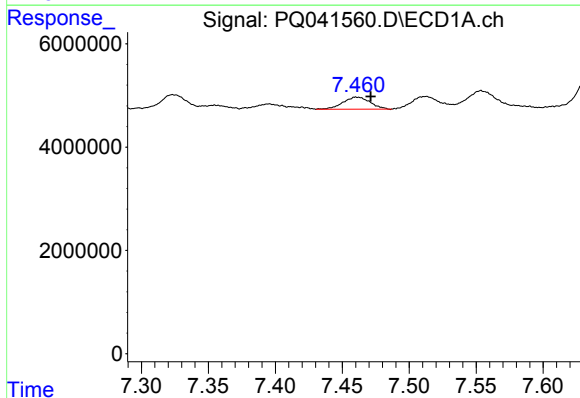
R.T.: 7.146 min
Delta R.T.: -0.012 min
Response: 2783253
Conc: 30.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



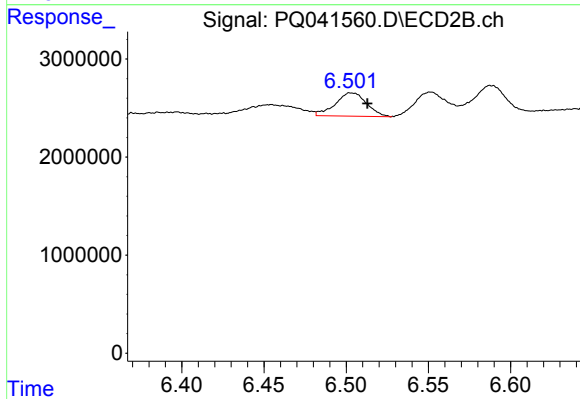
#21 AR-1248-1

R.T.: 6.212 min
Delta R.T.: -0.010 min
Response: 2598249
Conc: 32.35 ng/ml



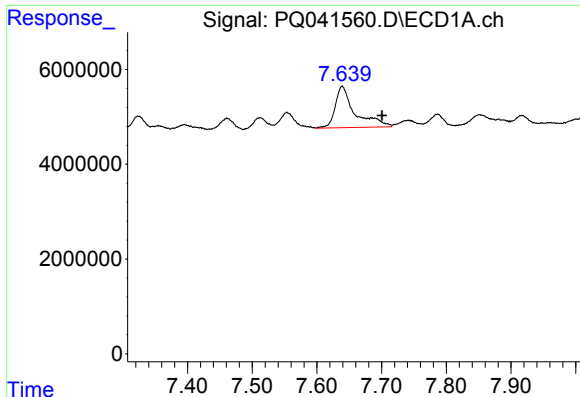
#22 AR-1248-2

R.T.: 7.461 min
Delta R.T.: -0.010 min
Response: 3297768
Conc: 26.80 ng/ml



#22 AR-1248-2

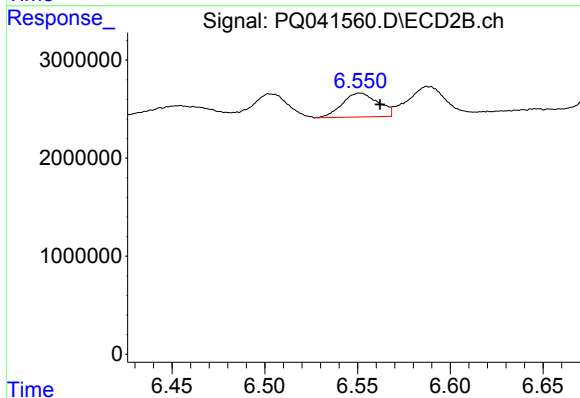
R.T.: 6.502 min
Delta R.T.: -0.011 min
Response: 3162915
Conc: 28.24 ng/ml



#23 AR-1248-3

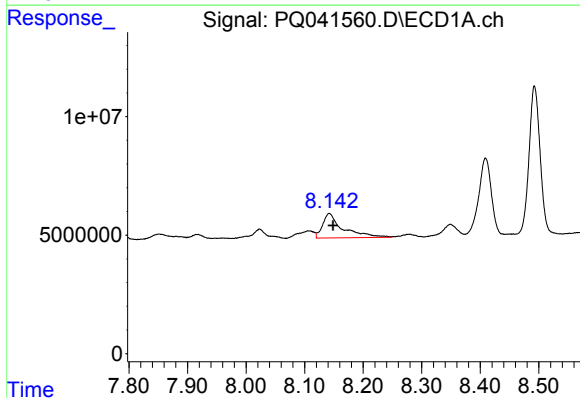
R.T.: 7.639 min
Delta R.T.: -0.062 min
Response: 18447204
Conc: 117.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



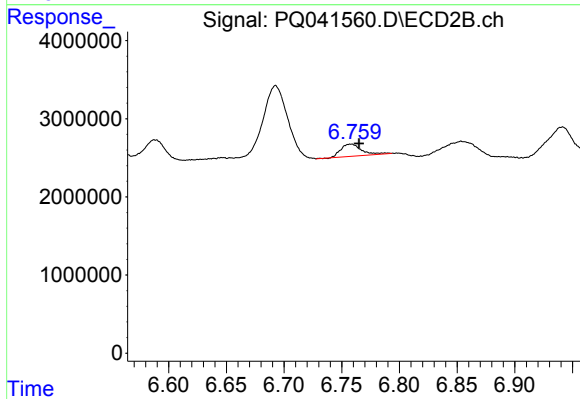
#23 AR-1248-3

R.T.: 6.551 min
Delta R.T.: -0.011 min
Response: 3262923
Conc: 28.27 ng/ml



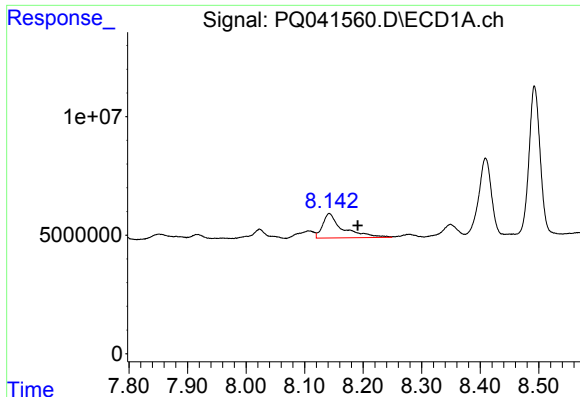
#24 AR-1248-4

R.T.: 8.142 min
Delta R.T.: -0.006 min
Response: 24783835
Conc: 114.74 ng/ml



#24 AR-1248-4

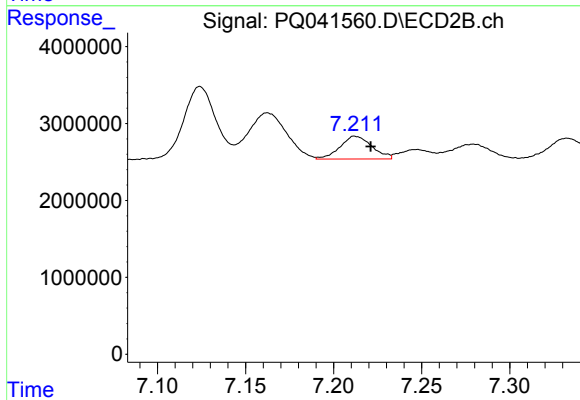
R.T.: 6.758 min
Delta R.T.: -0.007 min
Response: 1943530
Conc: 13.43 ng/ml



#25 AR-1248-5

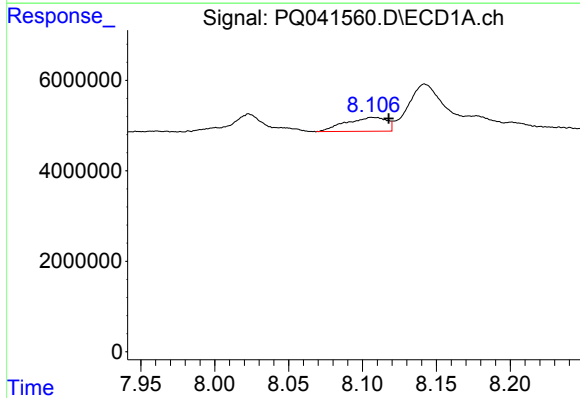
R.T.: 8.142 min
Delta R.T.: -0.048 min
Response: 24783835
Conc: 116.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



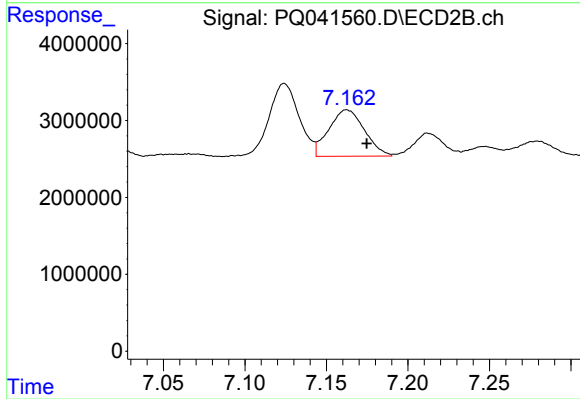
#25 AR-1248-5

R.T.: 7.212 min
Delta R.T.: -0.009 min
Response: 3757135
Conc: 22.33 ng/ml



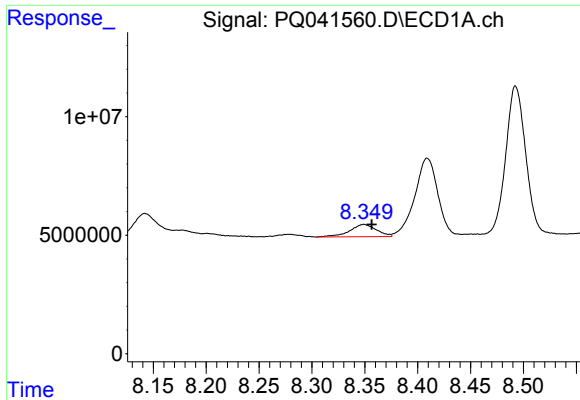
#26 AR-1254-1

R.T.: 8.108 min
Delta R.T.: -0.010 min
Response: 5901568
Conc: 29.11 ng/ml



#26 AR-1254-1

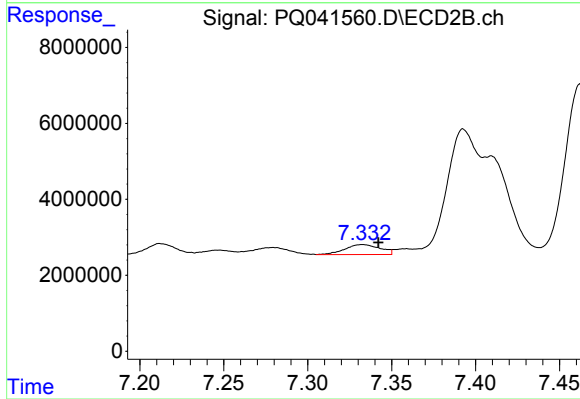
R.T.: 7.162 min
Delta R.T.: -0.012 min
Response: 9185527
Conc: 36.12 ng/ml



#27 AR-1254-2

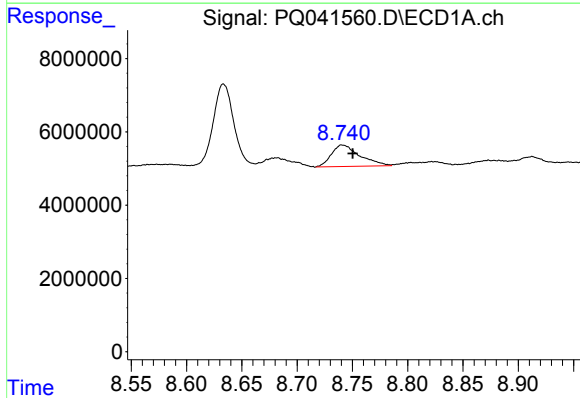
R.T.: 8.349 min
Delta R.T.: -0.007 min
Response: 9147515
Conc: 26.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



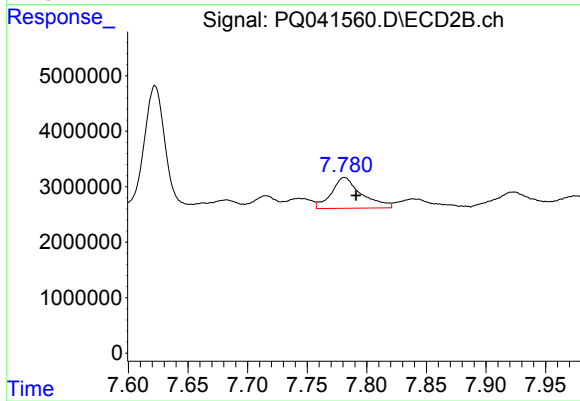
#27 AR-1254-2

R.T.: 7.333 min
Delta R.T.: -0.010 min
Response: 3849451
Conc: 16.83 ng/ml



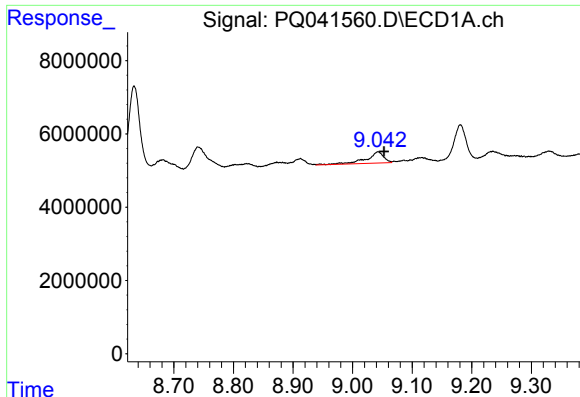
#28 AR-1254-3

R.T.: 8.741 min
Delta R.T.: -0.009 min
Response: 10494267
Conc: 25.32 ng/ml



#28 AR-1254-3

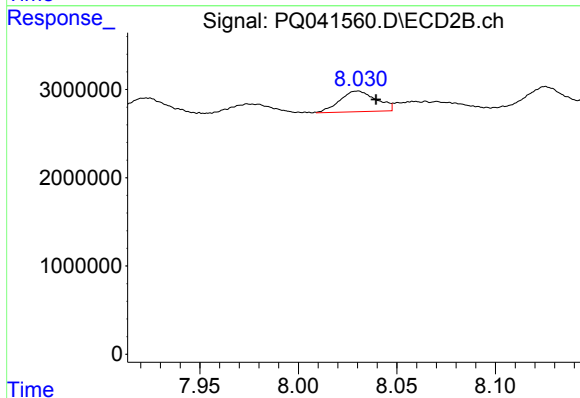
R.T.: 7.781 min
Delta R.T.: -0.010 min
Response: 9784764
Conc: 24.11 ng/ml



#29 AR-1254-4

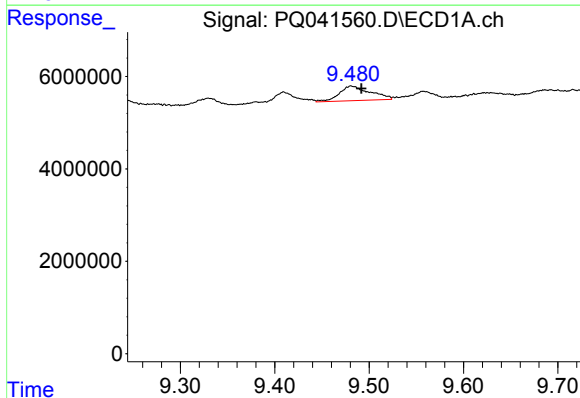
R.T.: 9.043 min
Delta R.T.: -0.010 min
Response: 6158691
Conc: 17.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



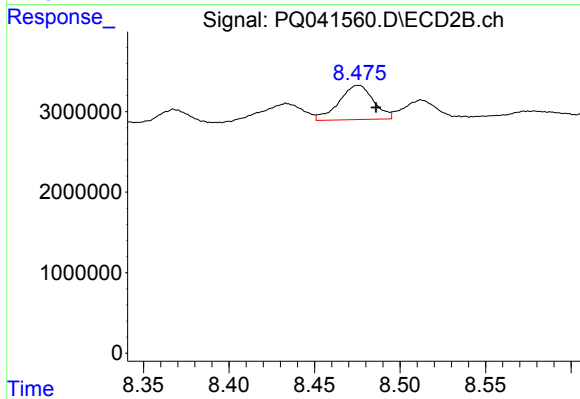
#29 AR-1254-4

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 3020008
Conc: 11.05 ng/ml



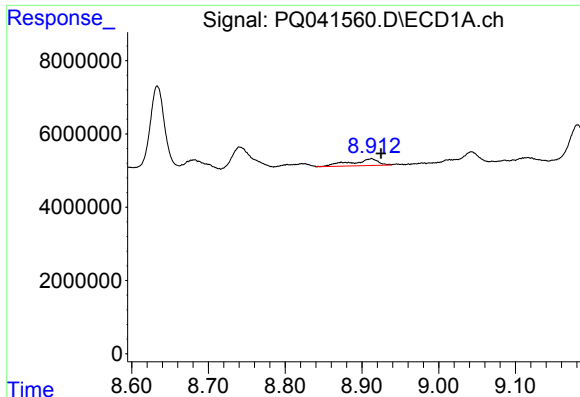
#30 AR-1254-5

R.T.: 9.481 min
Delta R.T.: -0.010 min
Response: 7222443
Conc: 17.99 ng/ml



#30 AR-1254-5

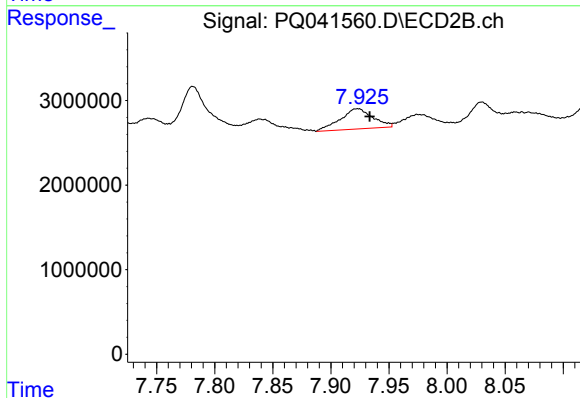
R.T.: 8.476 min
Delta R.T.: -0.010 min
Response: 5968270
Conc: 14.95 ng/ml



#31 AR-1260-1

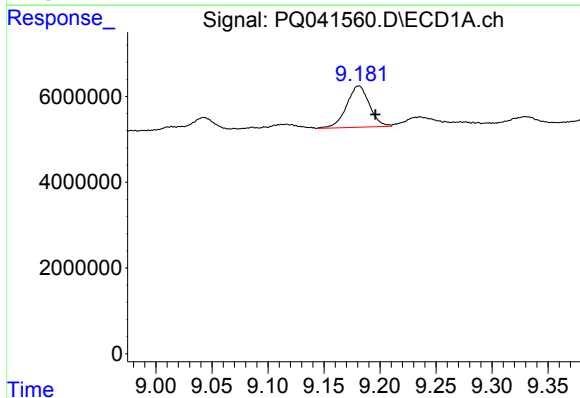
R.T.: 8.912 min
Delta R.T.: -0.013 min
Response: 4485233
Conc: 14.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



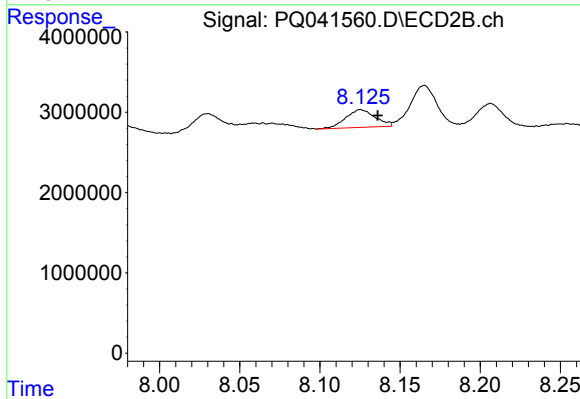
#31 AR-1260-1

R.T.: 7.923 min
Delta R.T.: -0.010 min
Response: 4675628
Conc: 17.58 ng/ml



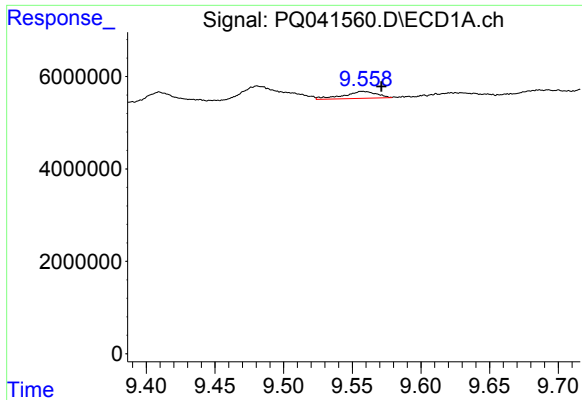
#32 AR-1260-2

R.T.: 9.181 min
Delta R.T.: -0.015 min
Response: 13583204
Conc: 29.63 ng/ml



#32 AR-1260-2

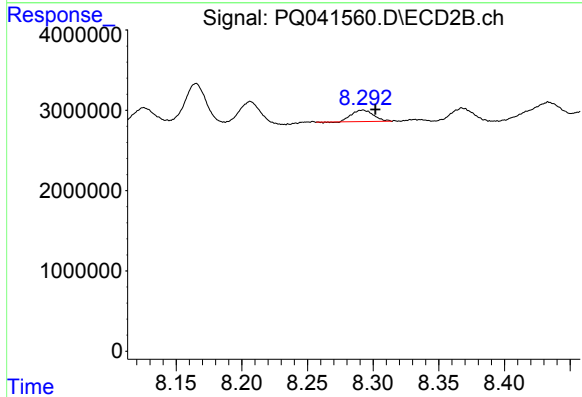
R.T.: 8.125 min
Delta R.T.: -0.011 min
Response: 2827120
Conc: 7.79 ng/ml



#33 AR-1260-3

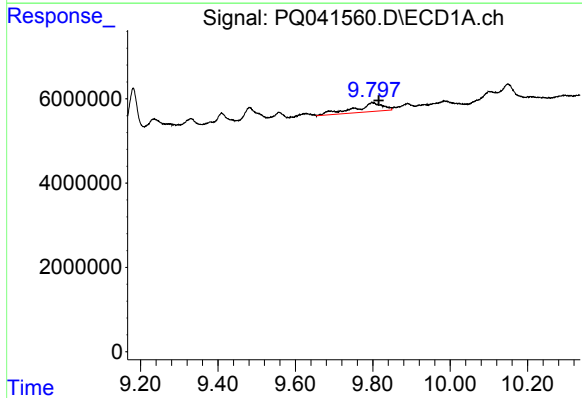
R.T.: 9.558 min
Delta R.T.: -0.013 min
Response: 2488662
Conc: 5.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



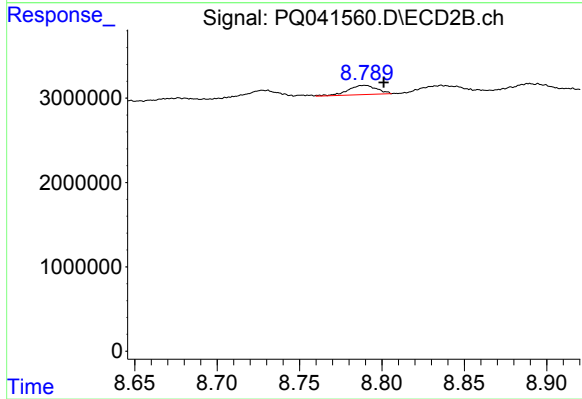
#33 AR-1260-3

R.T.: 8.292 min
Delta R.T.: -0.010 min
Response: 1661056
Conc: 5.29 ng/ml



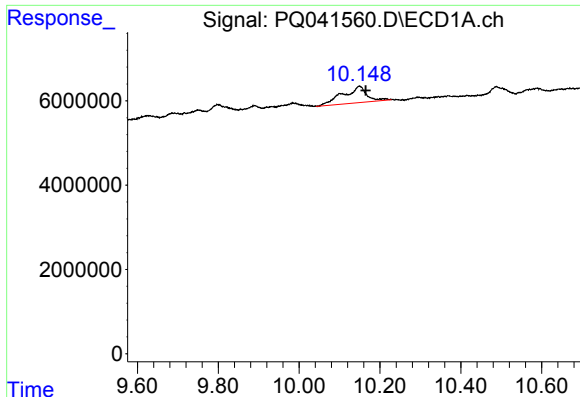
#34 AR-1260-4

R.T.: 9.800 min
Delta R.T.: -0.016 min
Response: 10703396
Conc: 25.43 ng/ml



#34 AR-1260-4

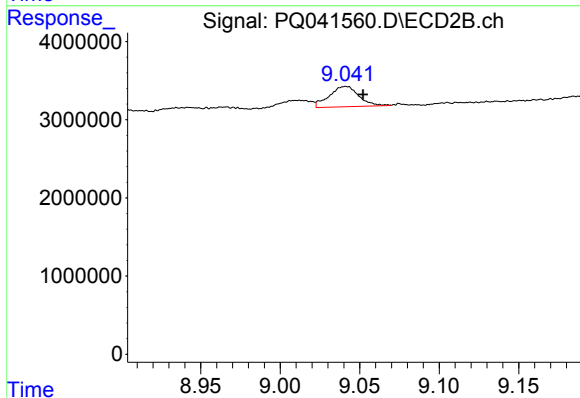
R.T.: 8.789 min
Delta R.T.: -0.012 min
Response: 1330850
Conc: 4.67 ng/ml



#35 AR-1260-5

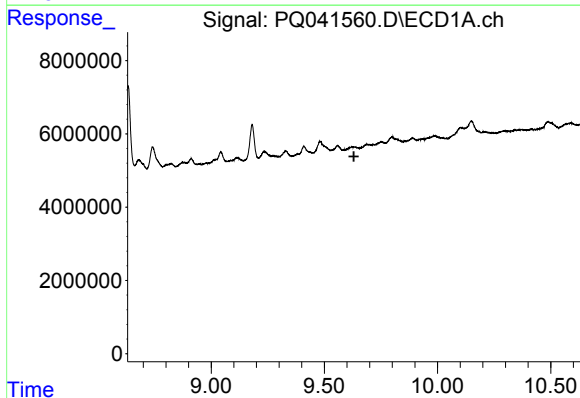
R.T.: 10.149 min
Delta R.T.: -0.015 min
Response: 16086144
Conc: 15.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



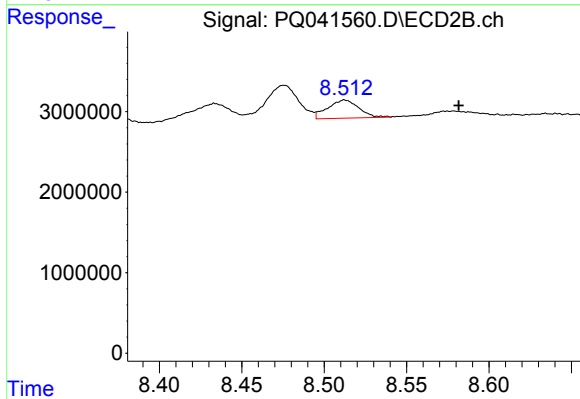
#35 AR-1260-5

R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 3379325
Conc: 4.54 ng/ml



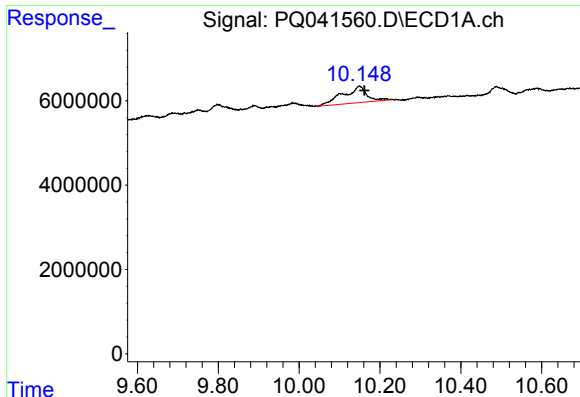
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.630 min
Response: 0
Conc: N.D.



#36 AR-1262-1

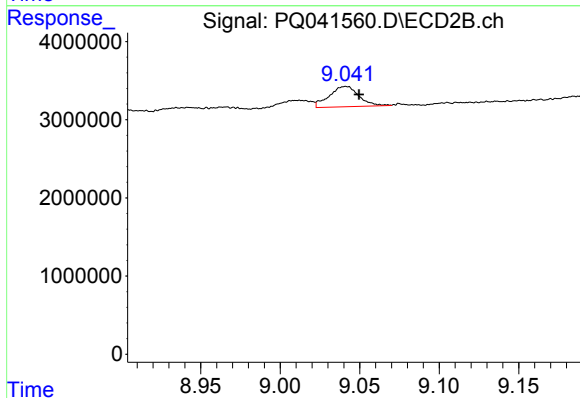
R.T.: 8.513 min
Delta R.T.: -0.069 min
Response: 2949369
Conc: 15.33 ng/ml



#37 AR-1262-2

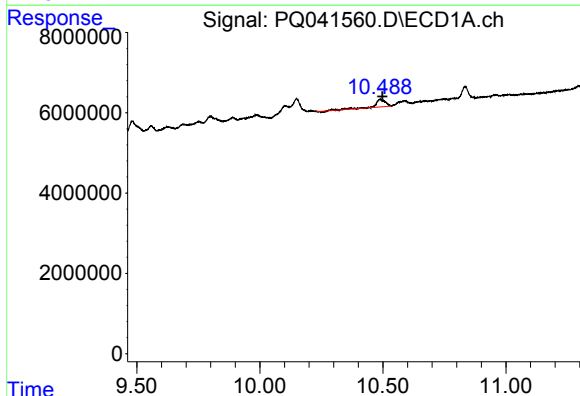
R.T.: 10.149 min
Delta R.T.: -0.012 min
Response: 16086144
Conc: 13.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



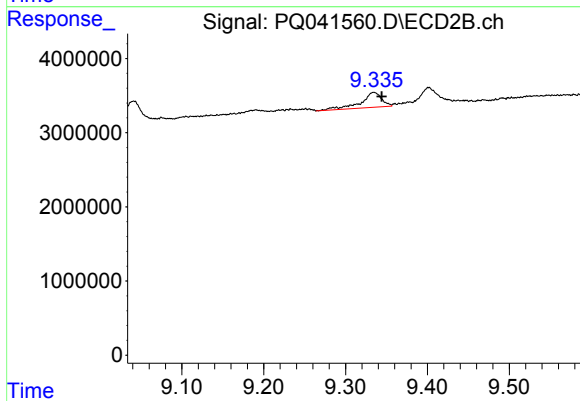
#37 AR-1262-2

R.T.: 9.041 min
Delta R.T.: -0.008 min
Response: 3379325
Conc: 4.02 ng/ml



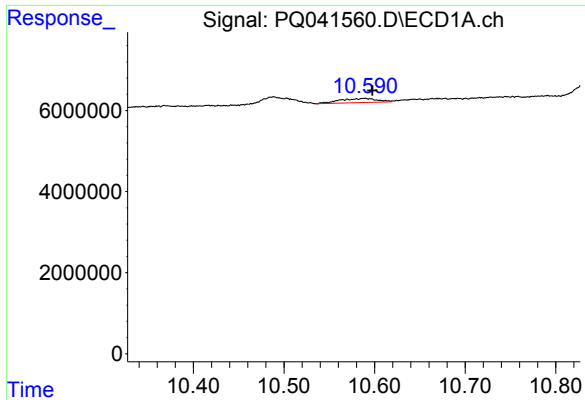
#38 AR-1262-3

R.T.: 10.488 min
Delta R.T.: -0.009 min
Response: 5245657
Conc: 6.29 ng/ml



#38 AR-1262-3

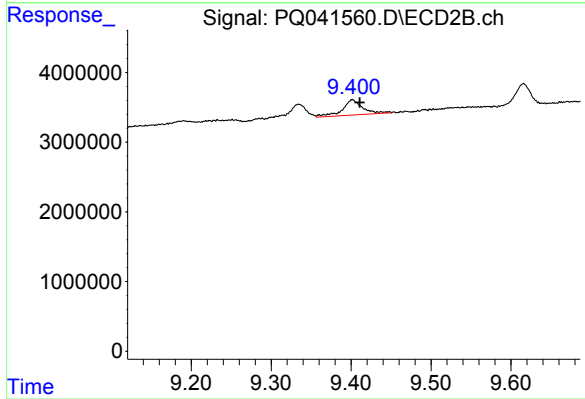
R.T.: 9.335 min
Delta R.T.: -0.010 min
Response: 3582212
Conc: 10.18 ng/ml



#39 AR-1262-4

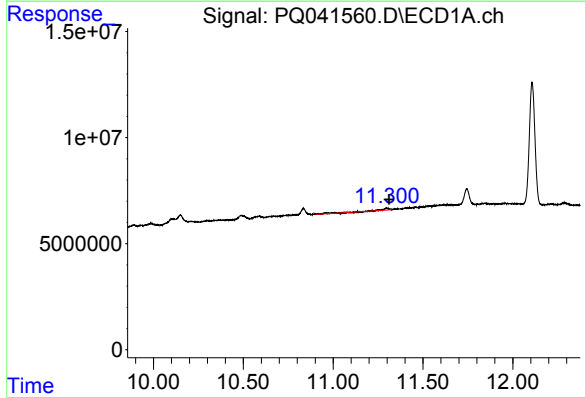
R.T.: 10.589 min
Delta R.T.: -0.009 min
Response: 2930778
Conc: 4.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



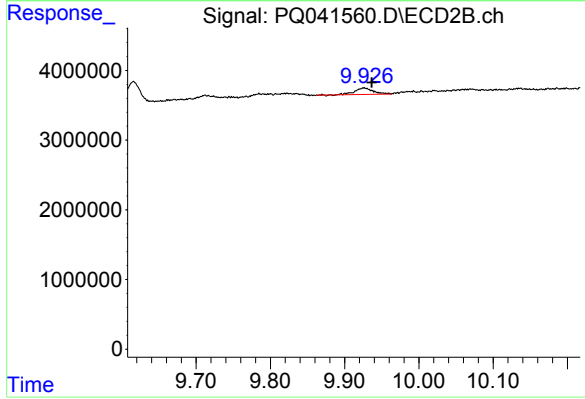
#39 AR-1262-4

R.T.: 9.402 min
Delta R.T.: -0.009 min
Response: 3924422
Conc: 6.68 ng/ml



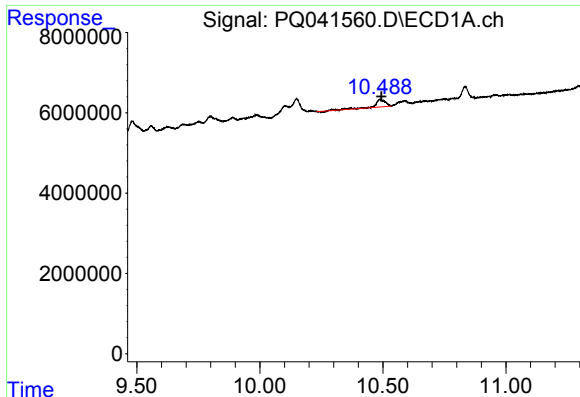
#40 AR-1262-5

R.T.: 11.296 min
Delta R.T.: -0.015 min
Response: 2138008
Conc: 4.68 ng/ml



#40 AR-1262-5

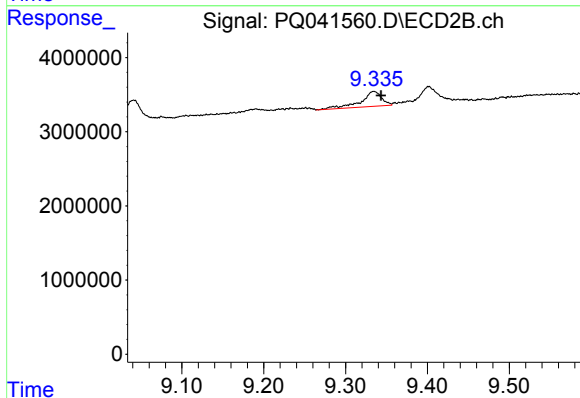
R.T.: 9.926 min
Delta R.T.: -0.010 min
Response: 1566440
Conc: 6.53 ng/ml



#41 AR-1268-1

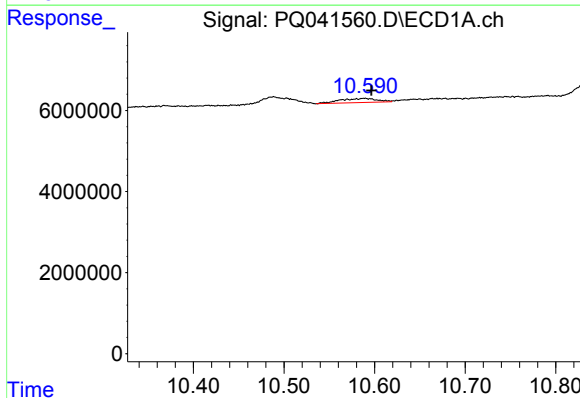
R.T.: 10.488 min
Delta R.T.: -0.006 min
Response: 5245657
Conc: 2.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



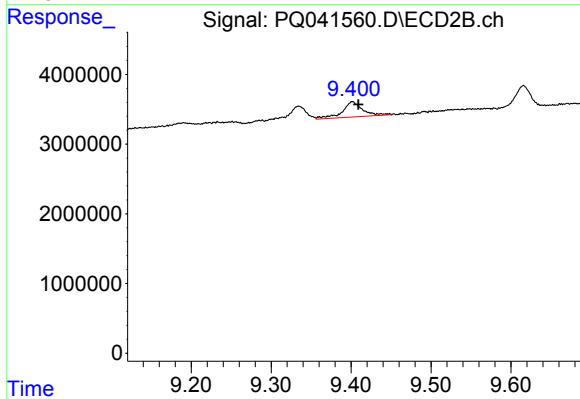
#41 AR-1268-1

R.T.: 9.335 min
Delta R.T.: -0.009 min
Response: 3582212
Conc: 3.14 ng/ml



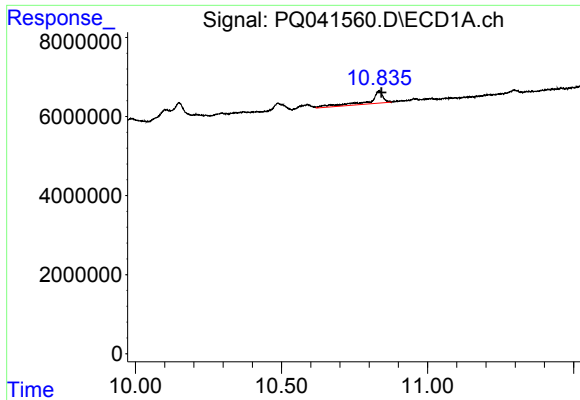
#42 AR-1268-2

R.T.: 10.589 min
Delta R.T.: -0.007 min
Response: 2930778
Conc: 1.84 ng/ml



#42 AR-1268-2

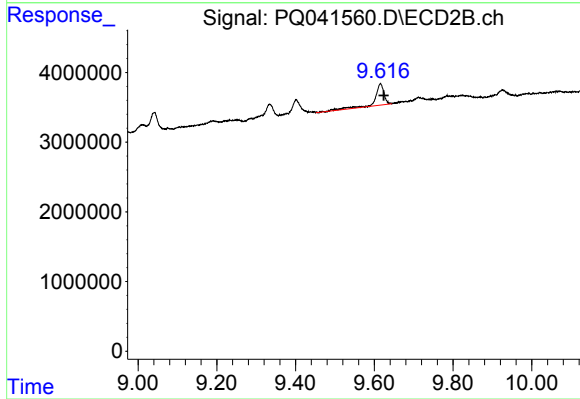
R.T.: 9.402 min
Delta R.T.: -0.008 min
Response: 3924422
Conc: 4.04 ng/ml



#43 AR-1268-3

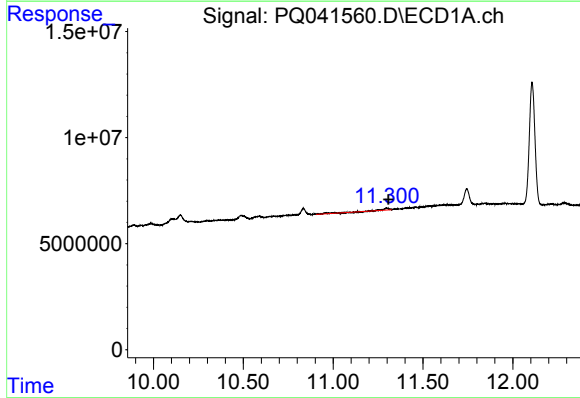
R.T.: 10.834 min
Delta R.T.: -0.008 min
Response: 10396341
Conc: 7.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



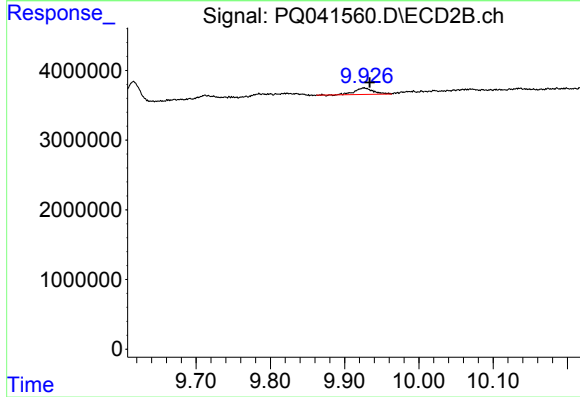
#43 AR-1268-3

R.T.: 9.616 min
Delta R.T.: -0.009 min
Response: 4881183
Conc: 6.11 ng/ml



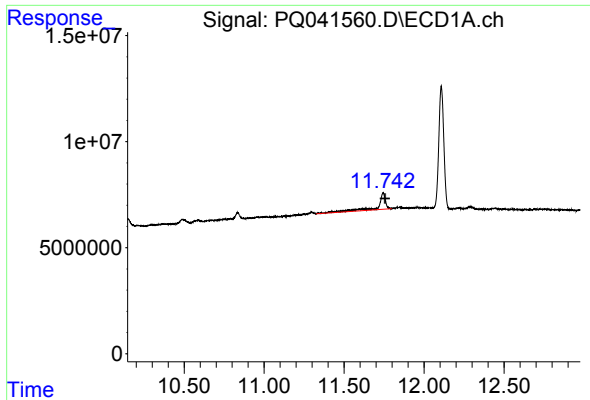
#44 AR-1268-4

R.T.: 11.296 min
Delta R.T.: -0.011 min
Response: 2138008
Conc: 3.77 ng/ml



#44 AR-1268-4

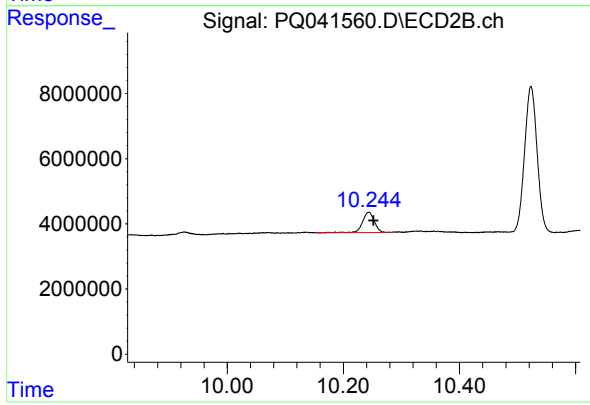
R.T.: 9.926 min
Delta R.T.: -0.008 min
Response: 1566440
Conc: 5.10 ng/ml



#45 AR-1268-5

R.T.: 11.744 min
Delta R.T.: -0.013 min
Response: 26096723
Conc: 6.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.244 min
Delta R.T.: -0.008 min
Response: 8865444
Conc: 4.49 ng/ml