

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 23:13
 Operator : SM\AJ
 Sample : PB121726BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 01:09:08 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...	5.701	4.758	67547828	55644937	17.645	18.511
2)	SA Decachlor...	12.104	10.519	367.6E6	189.3E6	35.536	41.550
Target Compounds							
3)	L1 AR-1016-1	7.146	6.212	19178345	18132395	109.884	123.929
4)	L1 AR-1016-2	7.172	6.235	27772138	24089569	105.309	115.736
5)	L1 AR-1016-3	7.242	6.449	16739344	12836634	103.474	113.693
6)	L1 AR-1016-4	7.356	6.503	13982881	10635113	103.755	116.658
7)	L1 AR-1016-5	7.689	6.756	14010046	13409114	105.283	111.575
9)	L2 AR-1221-2	0.000	5.181	0	2222040	N.D.	70.204 #
10)	L2 AR-1221-3	6.185	5.287	7658734	7107882	63.518	67.091
11)	L3 AR-1232-1	6.185	5.287	7658734	7107882	85.361	93.694
12)	L3 AR-1232-2	6.829	6.235	11639720	24089569	235.719	257.862
13)	L3 AR-1232-3	7.172	6.449	27772138	12836634	245.378	266.691
14)	L3 AR-1232-4	7.356	6.552	13982881	13016591	236.565	301.906 #
15)	L3 AR-1232-5	7.461	6.756	10710432	13409114	290.217	277.211
16)	L4 AR-1242-1	7.146	6.212	19178345	18132395	153.109	171.808
17)	L4 AR-1242-2	7.172	6.235	27772138	24089569	145.836	155.350
18)	L4 AR-1242-3	7.242	6.449	16739344	12836634	141.578	153.819
19)	L4 AR-1242-4	7.356	6.552	13982881	13016591	142.656	159.811
20)	L4 AR-1242-5	0.000	7.165	0	11953524	N.D.	95.759 #
21)	L5 AR-1248-1	7.146	6.212	19178345	18132395	206.756	225.757
22)	L5 AR-1248-2	7.461	6.503	10710432	10635113	87.036	94.944
23)	L5 AR-1248-3	7.689	6.552	14010046	13016591	89.216	112.768 #
24)	L5 AR-1248-4	8.106	6.756	8811106	13409114	40.790	92.633 #
25)	L5 AR-1248-5	0.000	7.211	0	2175766	N.D.	12.929 #
26)	L6 AR-1254-1	8.106	7.165	8811106	11953524	43.468	47.005
27)	L6 AR-1254-2	8.344	7.332	13424630	12085054	38.868	52.822 #
28)	L6 AR-1254-3	8.739	7.797	8936784	22594739	21.566	55.667 #
29)	L6 AR-1254-4	9.040	8.029	6432132	2849291	17.772	10.430 #
30)	L6 AR-1254-5	9.478	8.474	59507131	51199932	148.201	128.233
31)	L7 AR-1260-1	8.911	7.922	33772106	32959793	111.786	123.930
32)	L7 AR-1260-2	9.181	8.124	48528594	45566478	105.872	125.580
33)	L7 AR-1260-3	9.556	8.289	36037252	38070638	84.876	121.236 #
34)	L7 AR-1260-4	9.799	8.788	41691040	29563937	99.041	103.850
35)	L7 AR-1260-5	10.146	9.039	101.5E6	88030704	94.962	118.387
36)	L8 AR-1262-1	9.617	8.572	20141400	22309103	82.037	115.988 #
37)	L8 AR-1262-2	10.146	9.039	101.5E6	88030704	83.557	104.779 #
38)	L8 AR-1262-3	10.503	9.333	62596962	19780076	75.112	56.238 #
39)	L8 AR-1262-4	10.561	9.399	36394701	59861087	55.866	101.855 #
40)	L8 AR-1262-5	11.292	9.923	28259464	19209471	61.820	80.055 #
41)	L9 AR-1268-1	10.503	9.333	62596962	19780076	34.687	17.312 #
42)	L9 AR-1268-2	10.561	9.399	36394701	59861087	22.809	61.602 #

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 Acq On : 25 Jul 2019 23:13
 Operator : SM\AJ
 Sample : PB121726BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

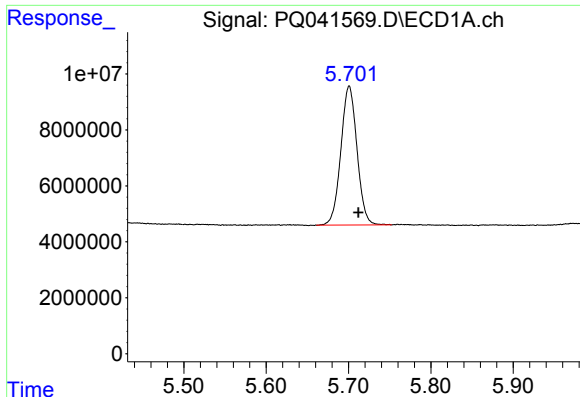
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 01:09:08 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
43) L9	AR-1268-3	0.000	9.615	0	3642921	N.D.	4.564 #
44) L9	AR-1268-4	11.292	9.923	28259464	19209471	49.784	62.597 #
45) L9	AR-1268-5	11.740	10.240	19640101	6550404	4.534	3.315 #

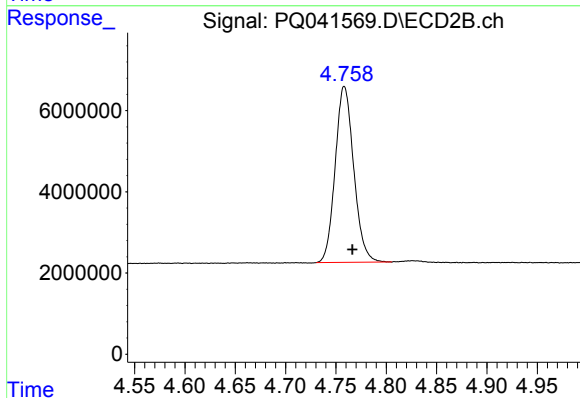
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

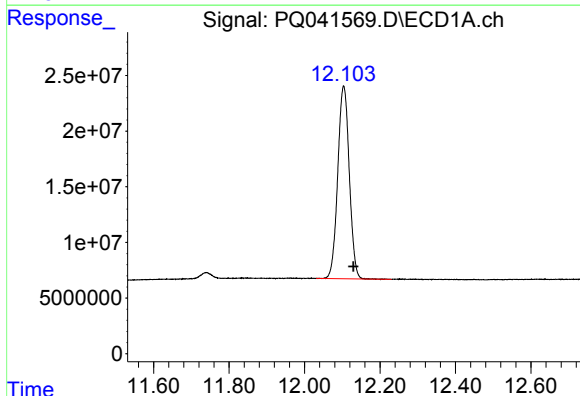
R.T.: 5.701 min
Delta R.T.: -0.011 min
Response: 67547828
Conc: 17.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



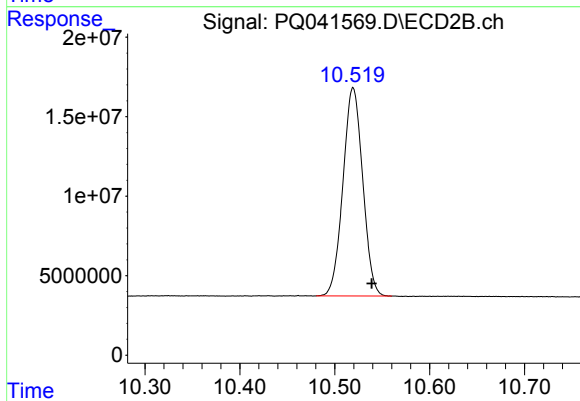
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: -0.008 min
Response: 55644937
Conc: 18.51 ng/ml



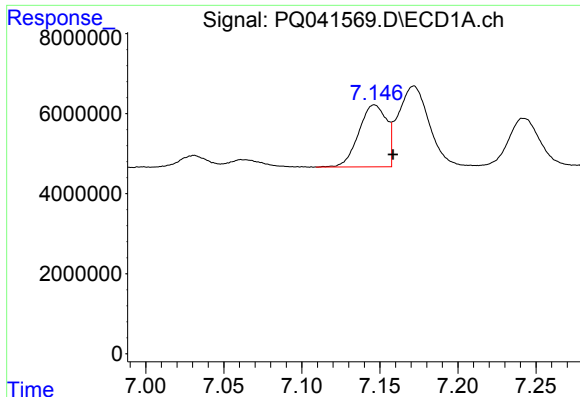
#2 Decachlorobiphenyl

R.T.: 12.104 min
Delta R.T.: -0.026 min
Response: 367580547
Conc: 35.54 ng/ml



#2 Decachlorobiphenyl

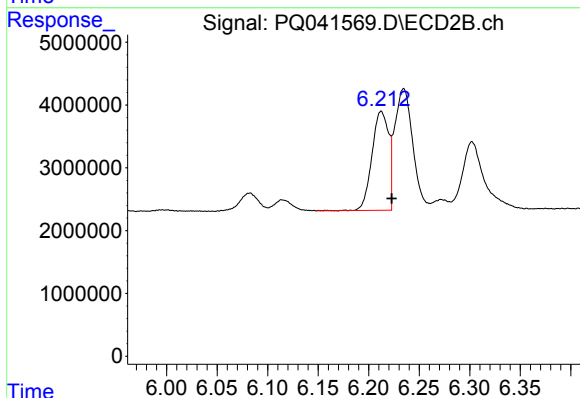
R.T.: 10.519 min
Delta R.T.: -0.020 min
Response: 189331058
Conc: 41.55 ng/ml



#3 AR-1016-1

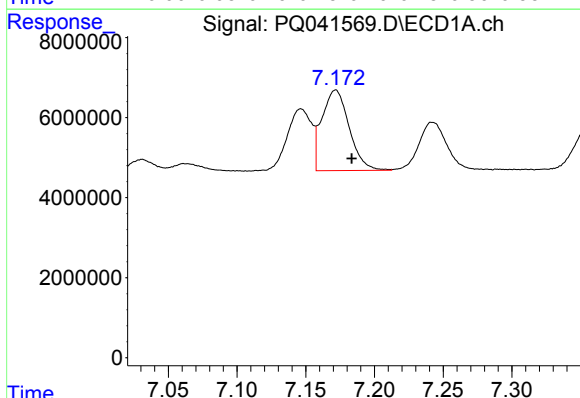
R.T.: 7.146 min
Delta R.T.: -0.012 min
Response: 19178345
Conc: 109.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



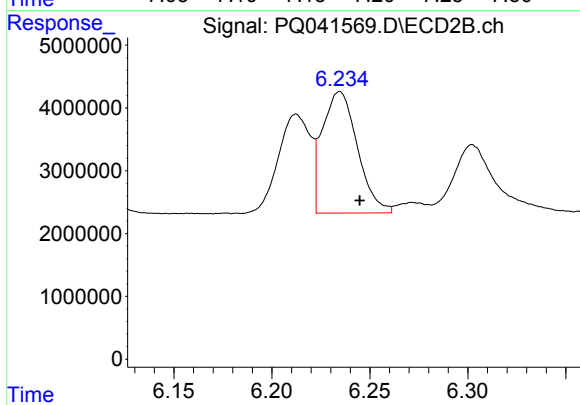
#3 AR-1016-1

R.T.: 6.212 min
Delta R.T.: -0.010 min
Response: 18132395
Conc: 123.93 ng/ml



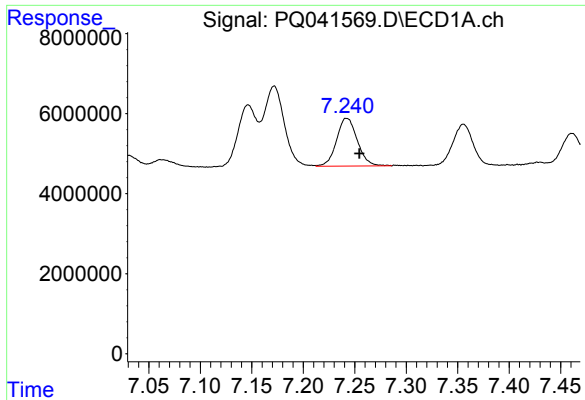
#4 AR-1016-2

R.T.: 7.172 min
Delta R.T.: -0.012 min
Response: 27772138
Conc: 105.31 ng/ml



#4 AR-1016-2

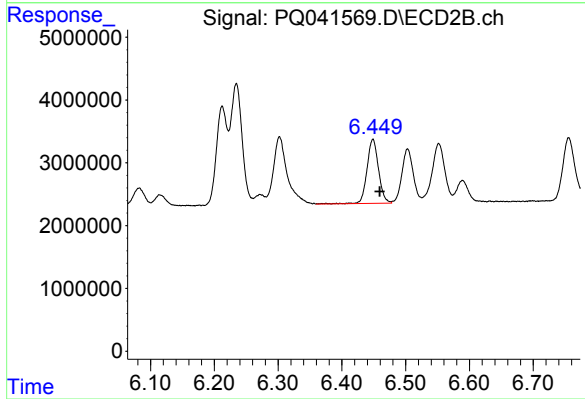
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 24089569
Conc: 115.74 ng/ml



#5 AR-1016-3

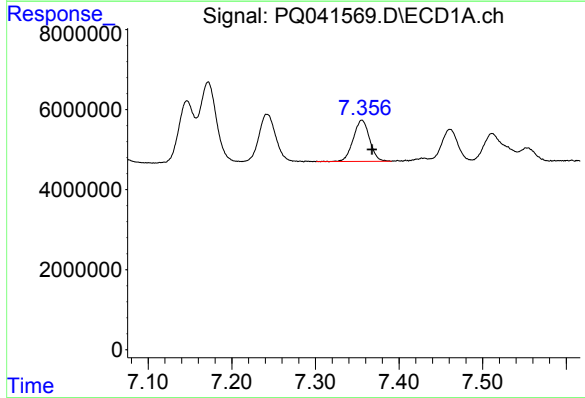
R.T.: 7.242 min
Delta R.T.: -0.012 min
Response: 16739344
Conc: 103.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



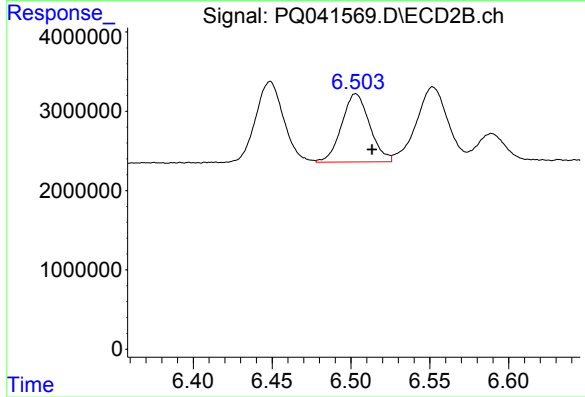
#5 AR-1016-3

R.T.: 6.449 min
Delta R.T.: -0.011 min
Response: 12836634
Conc: 113.69 ng/ml



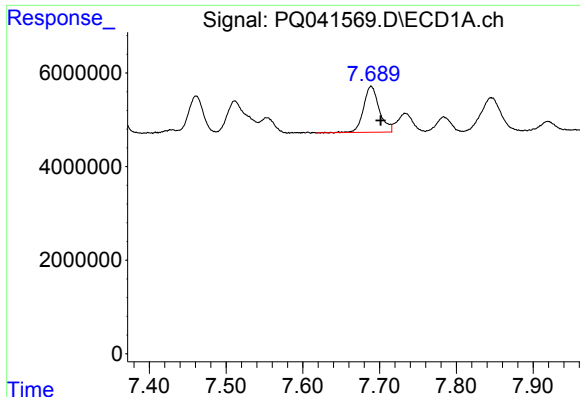
#6 AR-1016-4

R.T.: 7.356 min
Delta R.T.: -0.012 min
Response: 13982881
Conc: 103.75 ng/ml



#6 AR-1016-4

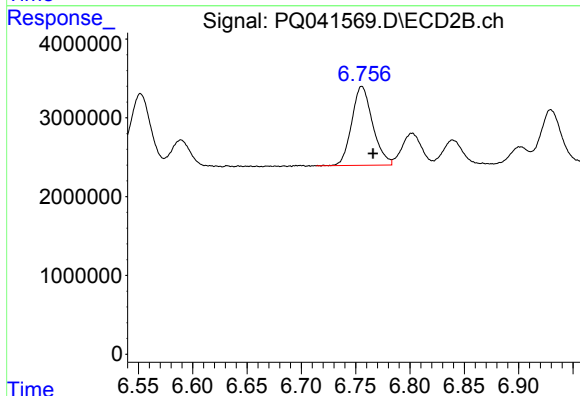
R.T.: 6.503 min
Delta R.T.: -0.010 min
Response: 10635113
Conc: 116.66 ng/ml



#7 AR-1016-5

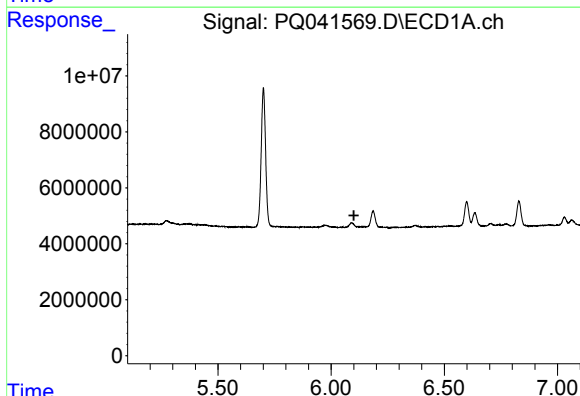
R.T.: 7.689 min
Delta R.T.: -0.013 min
Response: 14010046
Conc: 105.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



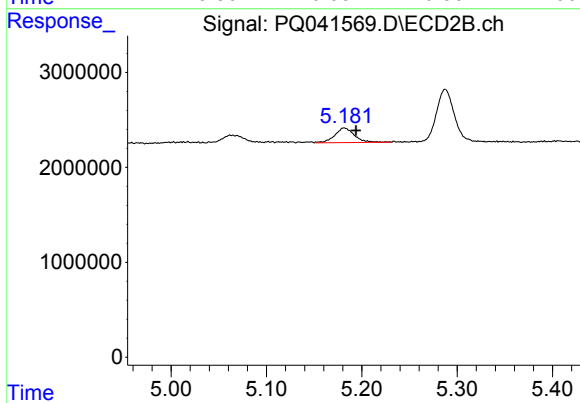
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 13409114
Conc: 111.57 ng/ml



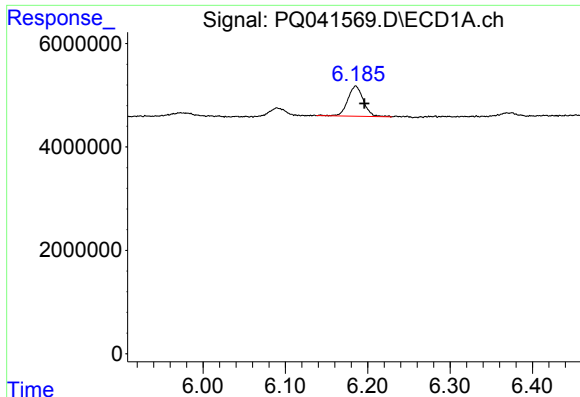
#9 AR-1221-2

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



#9 AR-1221-2

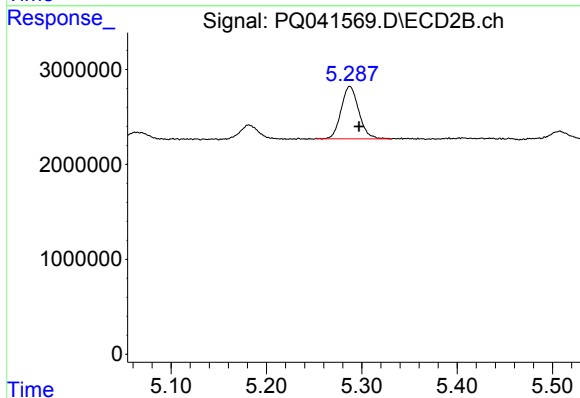
R.T.: 5.181 min
Delta R.T.: -0.013 min
Response: 2222040
Conc: 70.20 ng/ml



#10 AR-1221-3

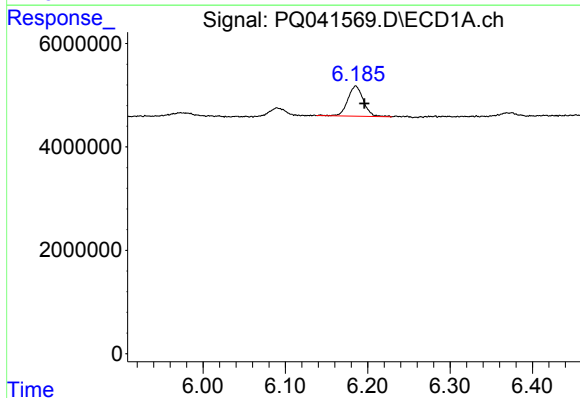
R.T.: 6.185 min
Delta R.T.: -0.010 min
Response: 7658734
Conc: 63.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



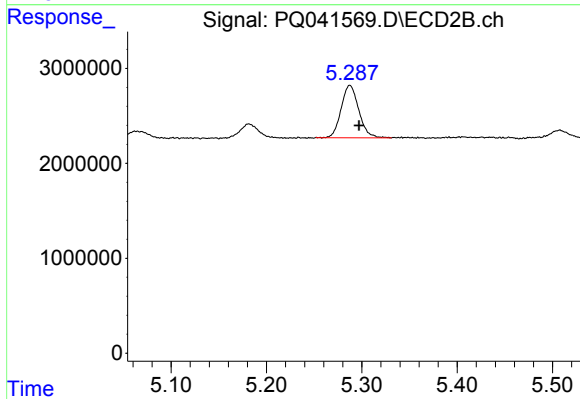
#10 AR-1221-3

R.T.: 5.287 min
Delta R.T.: -0.010 min
Response: 7107882
Conc: 67.09 ng/ml



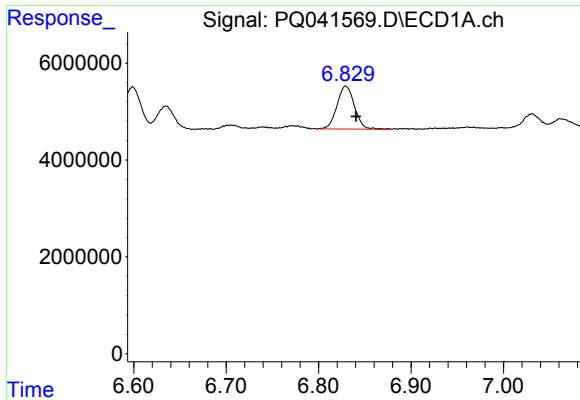
#11 AR-1232-1

R.T.: 6.185 min
Delta R.T.: -0.010 min
Response: 7658734
Conc: 85.36 ng/ml



#11 AR-1232-1

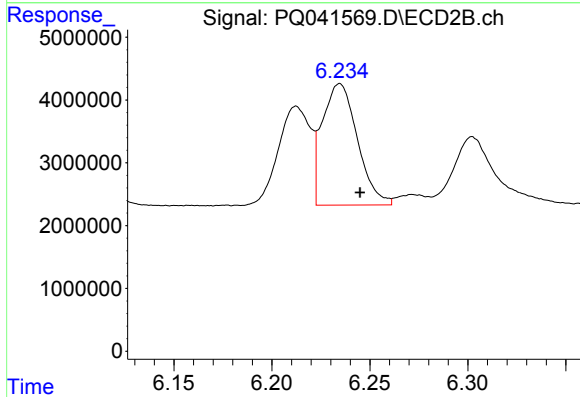
R.T.: 5.287 min
Delta R.T.: -0.010 min
Response: 7107882
Conc: 93.69 ng/ml



#12 AR-1232-2

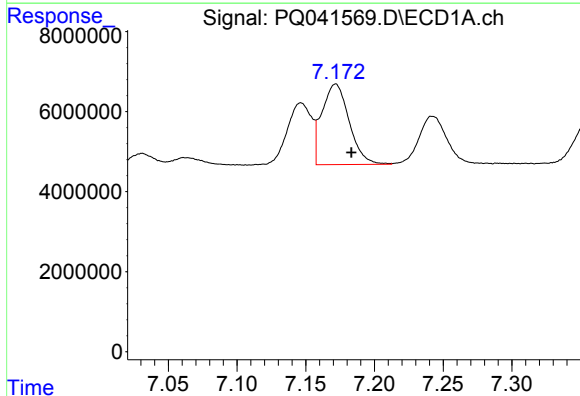
R.T.: 6.829 min
Delta R.T.: -0.011 min
Response: 11639720
Conc: 235.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



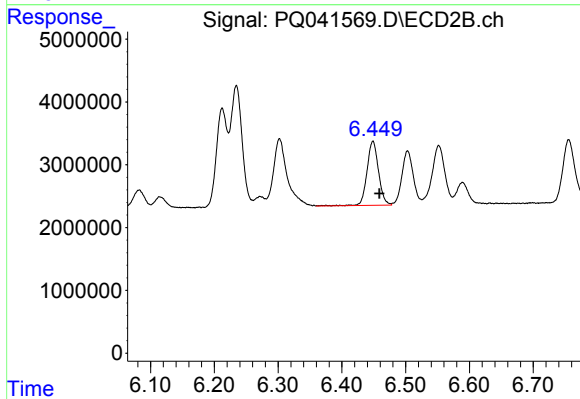
#12 AR-1232-2

R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 24089569
Conc: 257.86 ng/ml



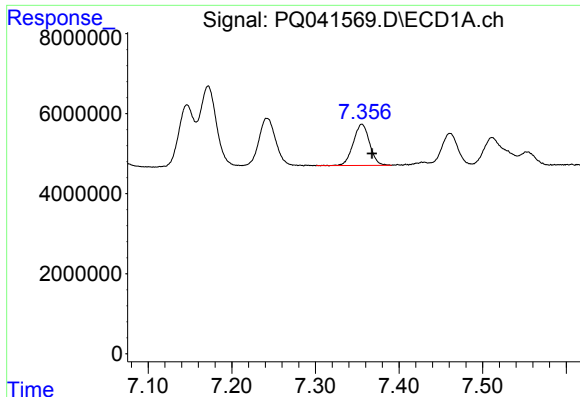
#13 AR-1232-3

R.T.: 7.172 min
Delta R.T.: -0.011 min
Response: 27772138
Conc: 245.38 ng/ml



#13 AR-1232-3

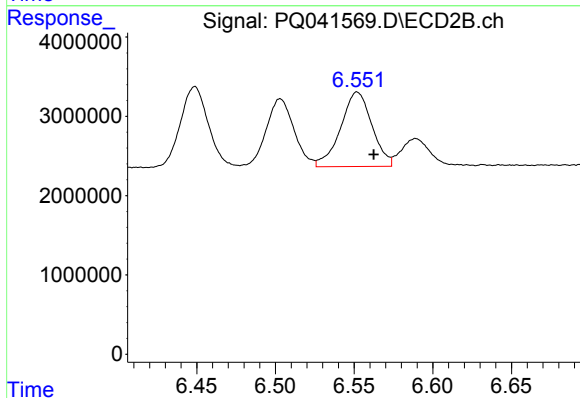
R.T.: 6.449 min
Delta R.T.: -0.010 min
Response: 12836634
Conc: 266.69 ng/ml



#14 AR-1232-4

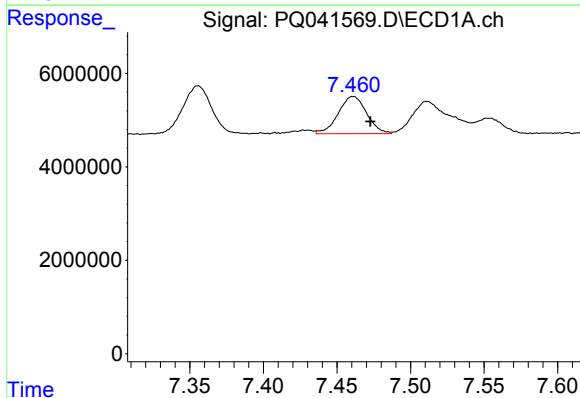
R.T.: 7.356 min
Delta R.T.: -0.012 min
Response: 13982881
Conc: 236.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



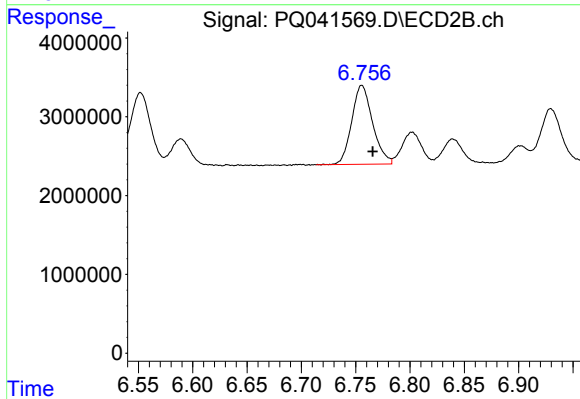
#14 AR-1232-4

R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 13016591
Conc: 301.91 ng/ml



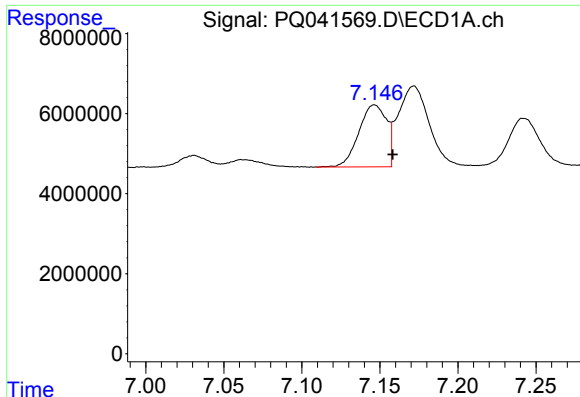
#15 AR-1232-5

R.T.: 7.461 min
Delta R.T.: -0.012 min
Response: 10710432
Conc: 290.22 ng/ml



#15 AR-1232-5

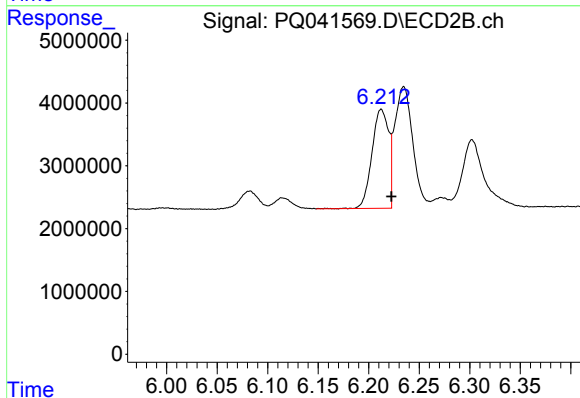
R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 13409114
Conc: 277.21 ng/ml



#16 AR-1242-1

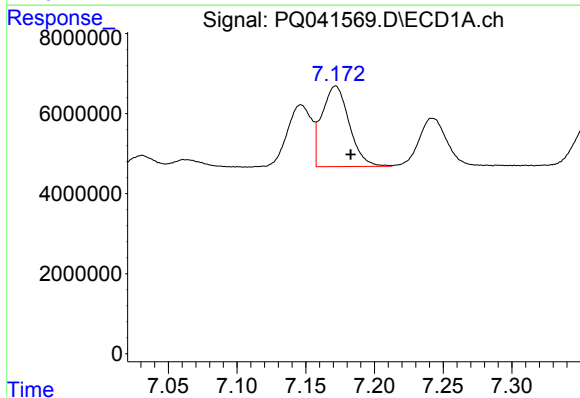
R.T.: 7.146 min
Delta R.T.: -0.012 min
Response: 19178345
Conc: 153.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



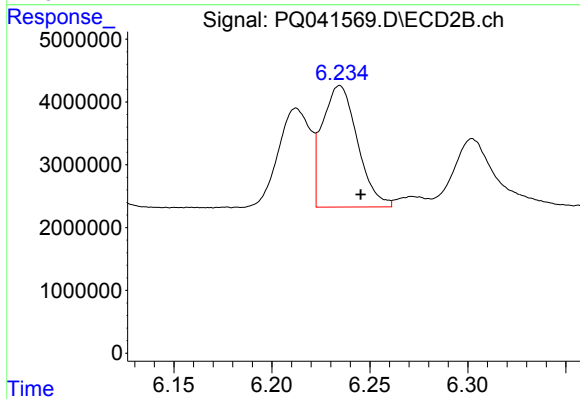
#16 AR-1242-1

R.T.: 6.212 min
Delta R.T.: -0.010 min
Response: 18132395
Conc: 171.81 ng/ml



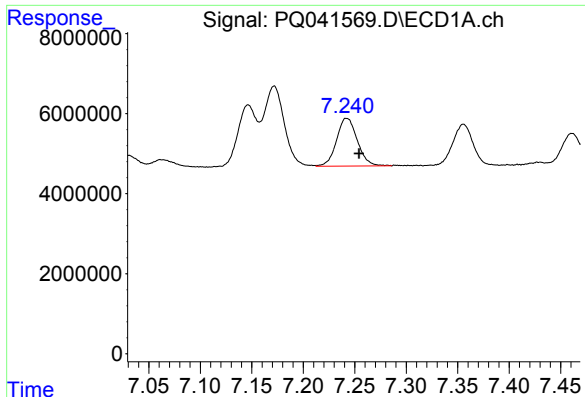
#17 AR-1242-2

R.T.: 7.172 min
Delta R.T.: -0.011 min
Response: 27772138
Conc: 145.84 ng/ml



#17 AR-1242-2

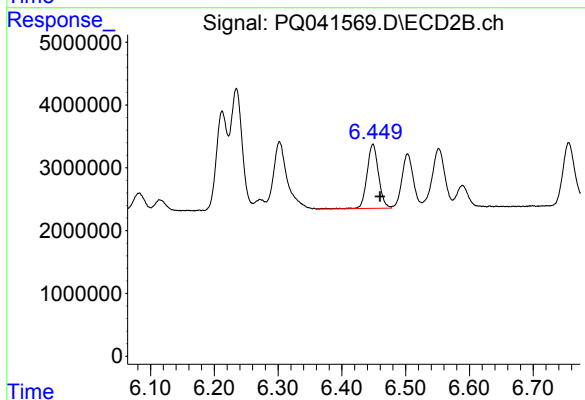
R.T.: 6.235 min
Delta R.T.: -0.011 min
Response: 24089569
Conc: 155.35 ng/ml



#18 AR-1242-3

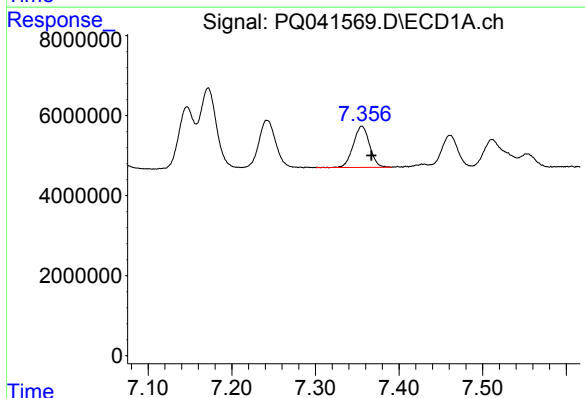
R.T.: 7.242 min
Delta R.T.: -0.012 min
Response: 16739344
Conc: 141.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



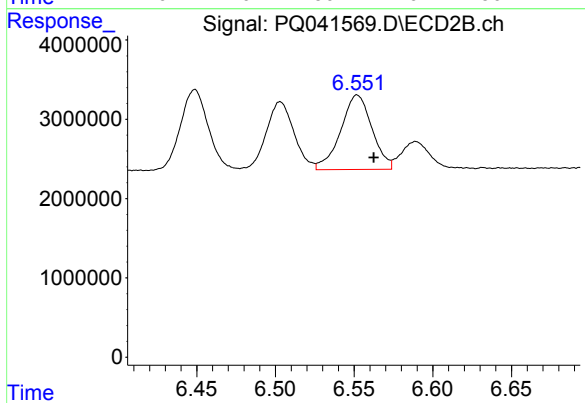
#18 AR-1242-3

R.T.: 6.449 min
Delta R.T.: -0.011 min
Response: 12836634
Conc: 153.82 ng/ml



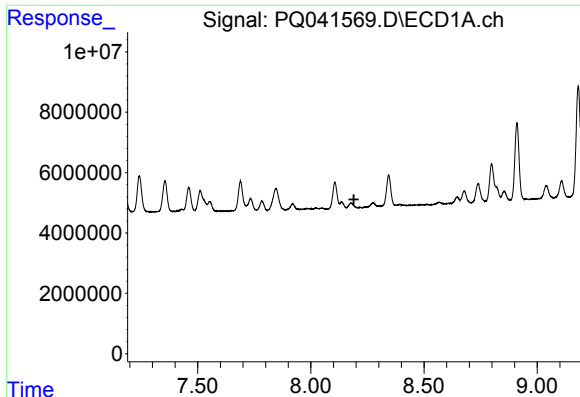
#19 AR-1242-4

R.T.: 7.356 min
Delta R.T.: -0.011 min
Response: 13982881
Conc: 142.66 ng/ml



#19 AR-1242-4

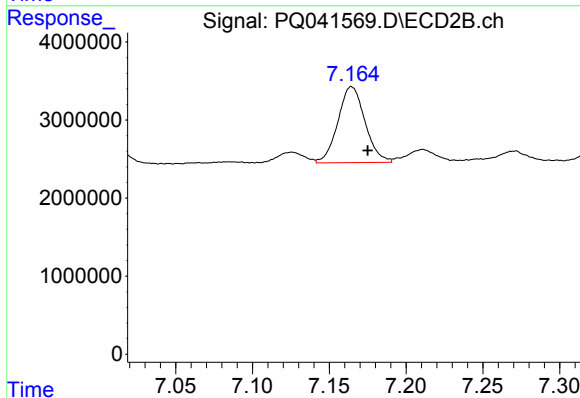
R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 13016591
Conc: 159.81 ng/ml



#20 AR-1242-5

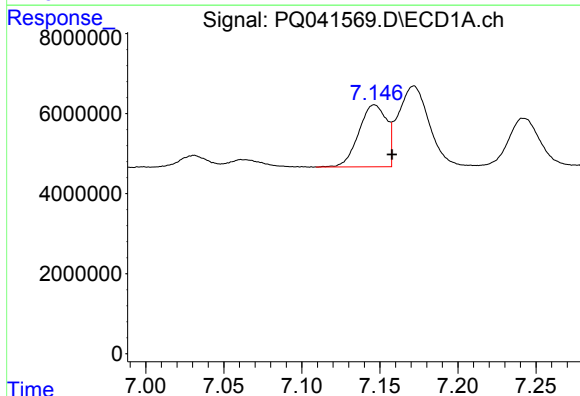
R.T.: 0.000 min
Exp R.T.: 8.190 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



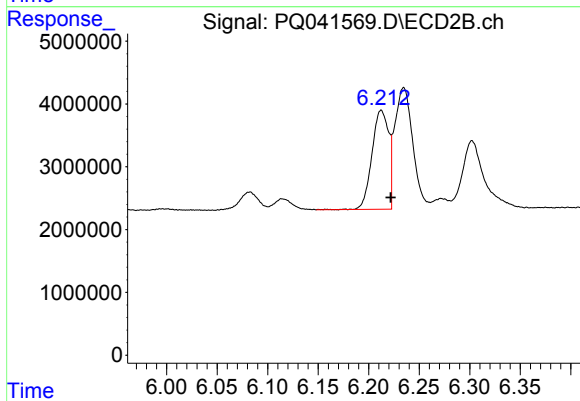
#20 AR-1242-5

R.T.: 7.165 min
Delta R.T.: -0.011 min
Response: 11953524
Conc: 95.76 ng/ml



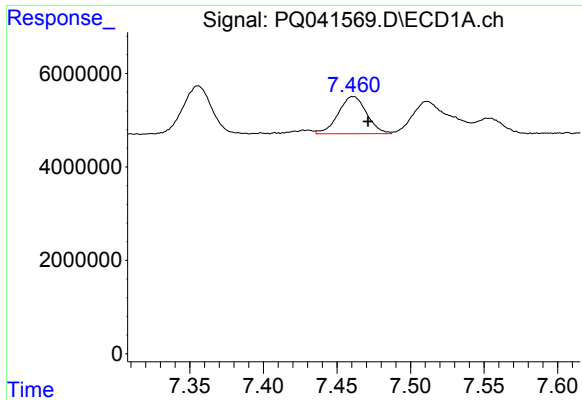
#21 AR-1248-1

R.T.: 7.146 min
Delta R.T.: -0.011 min
Response: 19178345
Conc: 206.76 ng/ml



#21 AR-1248-1

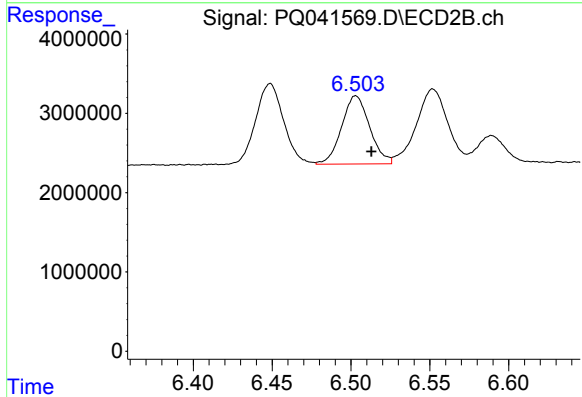
R.T.: 6.212 min
Delta R.T.: -0.009 min
Response: 18132395
Conc: 225.76 ng/ml



#22 AR-1248-2

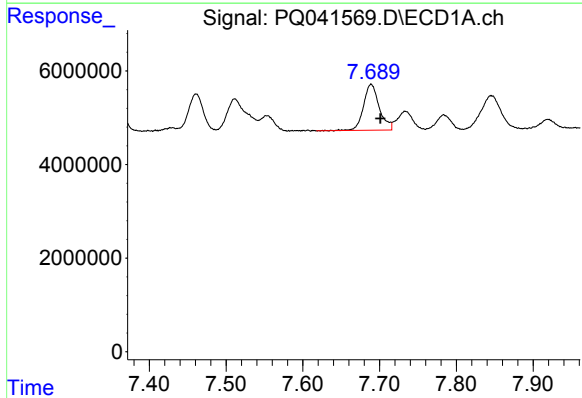
R.T.: 7.461 min
Delta R.T.: -0.010 min
Response: 10710432
Conc: 87.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



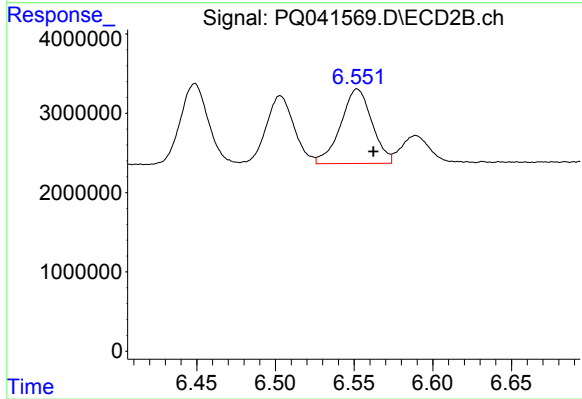
#22 AR-1248-2

R.T.: 6.503 min
Delta R.T.: -0.010 min
Response: 10635113
Conc: 94.94 ng/ml



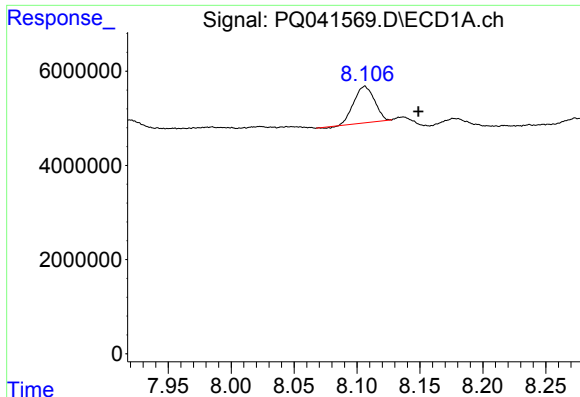
#23 AR-1248-3

R.T.: 7.689 min
Delta R.T.: -0.012 min
Response: 14010046
Conc: 89.22 ng/ml



#23 AR-1248-3

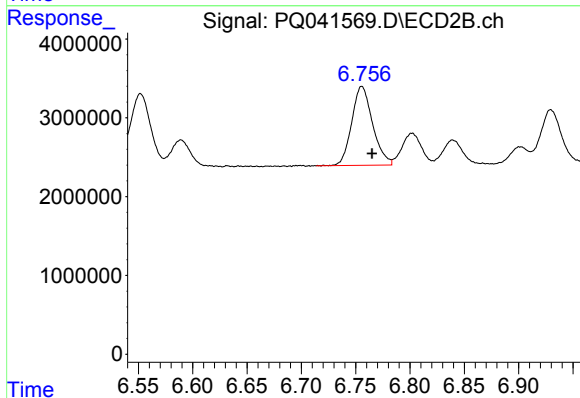
R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 13016591
Conc: 112.77 ng/ml



#24 AR-1248-4

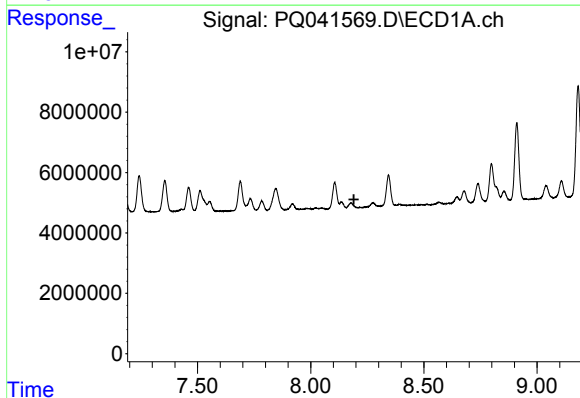
R.T.: 8.106 min
Delta R.T.: -0.043 min
Response: 8811106
Conc: 40.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



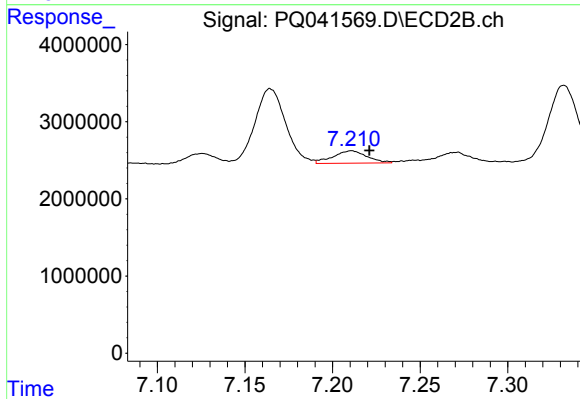
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 13409114
Conc: 92.63 ng/ml



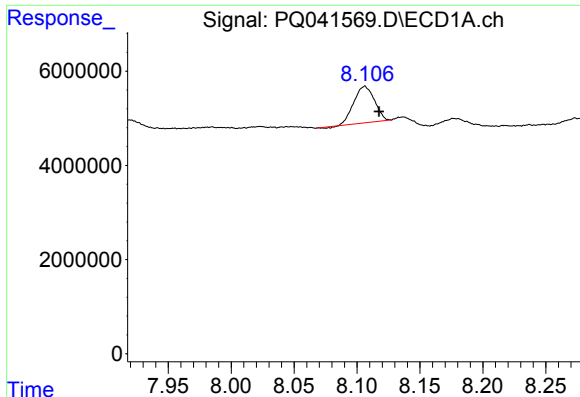
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 8.191 min
Response: 0
Conc: N.D.



#25 AR-1248-5

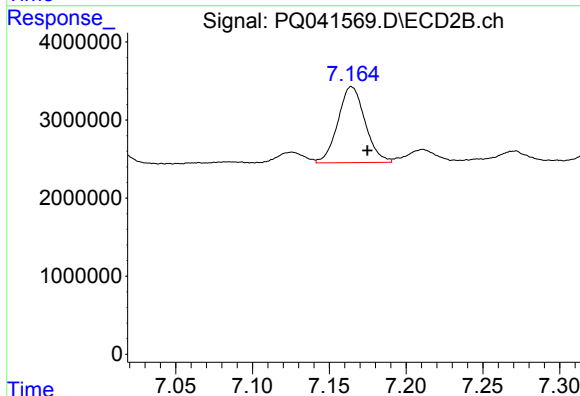
R.T.: 7.211 min
Delta R.T.: -0.010 min
Response: 2175766
Conc: 12.93 ng/ml



#26 AR-1254-1

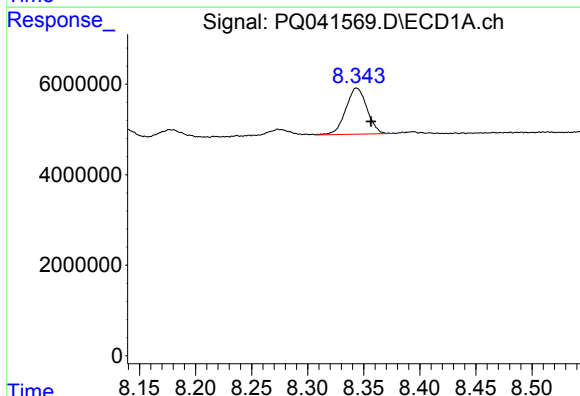
R.T.: 8.106 min
Delta R.T.: -0.012 min
Response: 8811106
Conc: 43.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



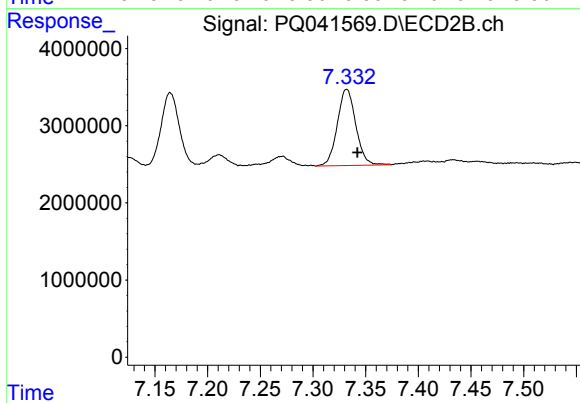
#26 AR-1254-1

R.T.: 7.165 min
Delta R.T.: -0.010 min
Response: 11953524
Conc: 47.00 ng/ml



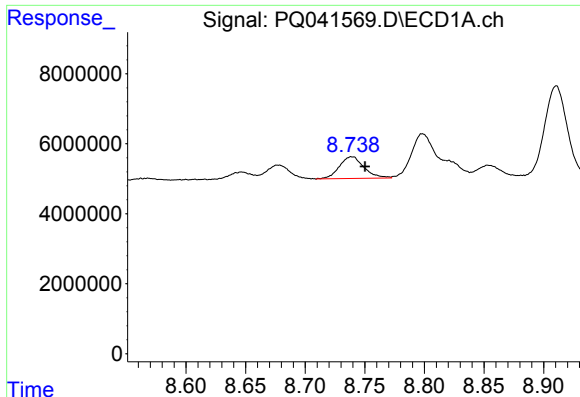
#27 AR-1254-2

R.T.: 8.344 min
Delta R.T.: -0.013 min
Response: 13424630
Conc: 38.87 ng/ml



#27 AR-1254-2

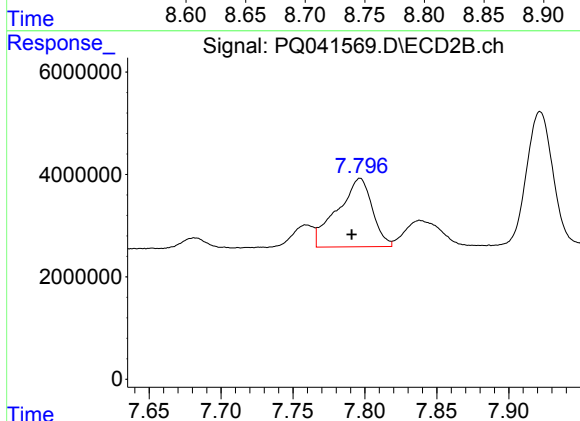
R.T.: 7.332 min
Delta R.T.: -0.010 min
Response: 12085054
Conc: 52.82 ng/ml



#28 AR-1254-3

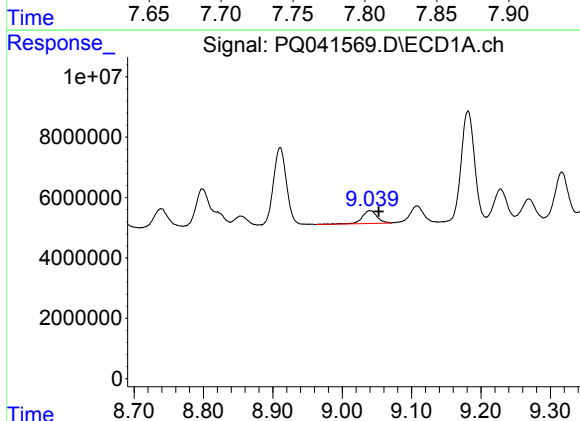
R.T.: 8.739 min
Delta R.T.: -0.011 min
Response: 8936784
Conc: 21.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



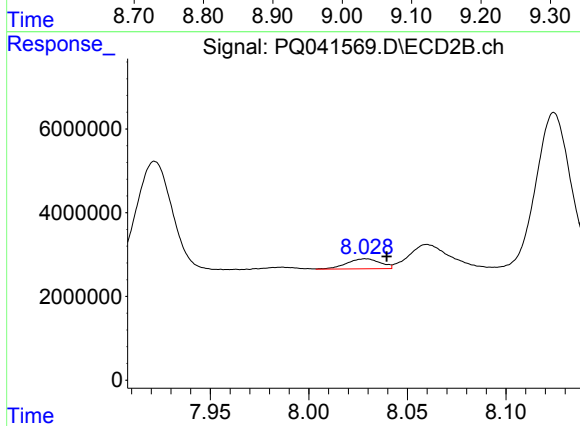
#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: 0.006 min
Response: 22594739
Conc: 55.67 ng/ml



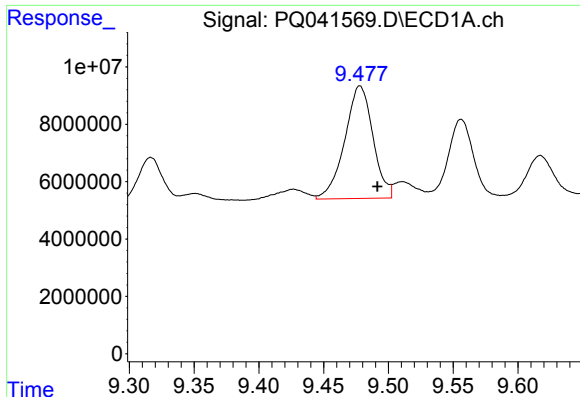
#29 AR-1254-4

R.T.: 9.040 min
Delta R.T.: -0.013 min
Response: 6432132
Conc: 17.77 ng/ml



#29 AR-1254-4

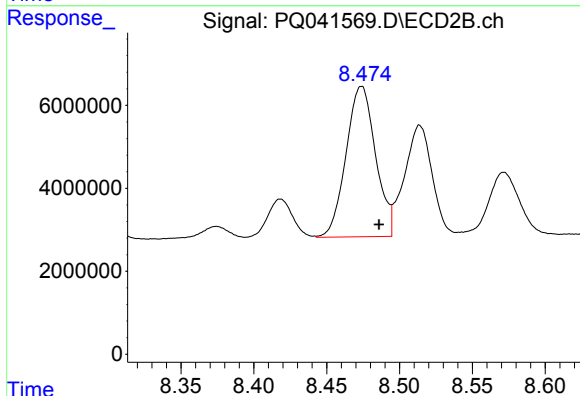
R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 2849291
Conc: 10.43 ng/ml



#30 AR-1254-5

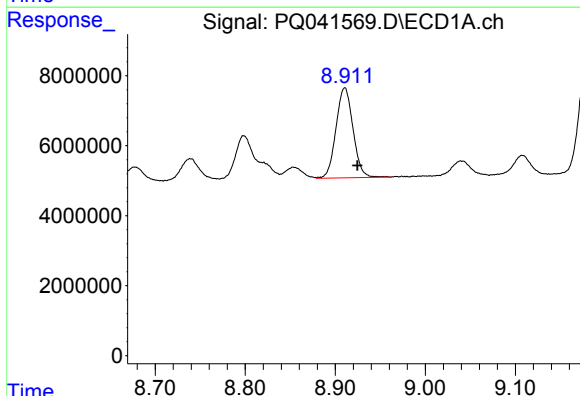
R.T.: 9.478 min
Delta R.T.: -0.014 min
Response: 59507131
Conc: 148.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



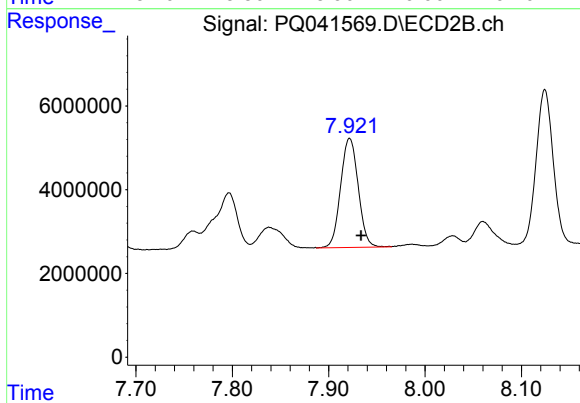
#30 AR-1254-5

R.T.: 8.474 min
Delta R.T.: -0.012 min
Response: 51199932
Conc: 128.23 ng/ml



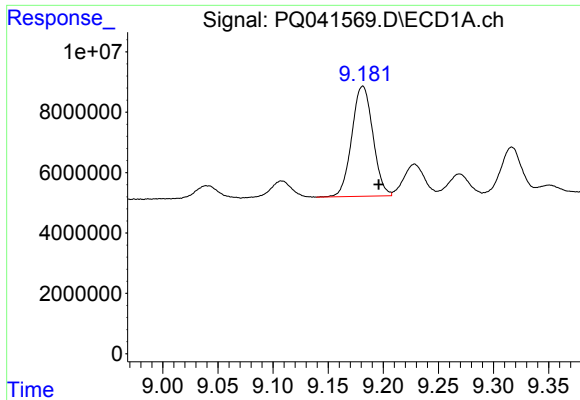
#31 AR-1260-1

R.T.: 8.911 min
Delta R.T.: -0.014 min
Response: 33772106
Conc: 111.79 ng/ml



#31 AR-1260-1

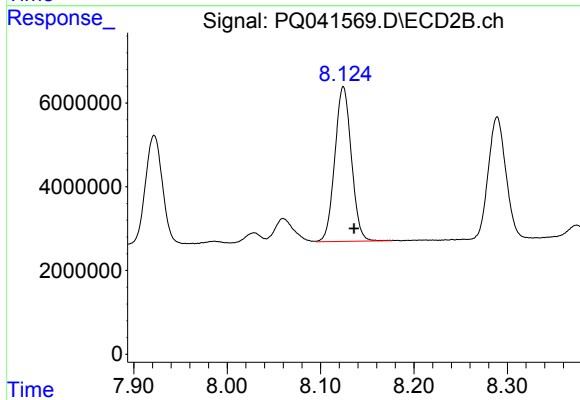
R.T.: 7.922 min
Delta R.T.: -0.012 min
Response: 32959793
Conc: 123.93 ng/ml



#32 AR-1260-2

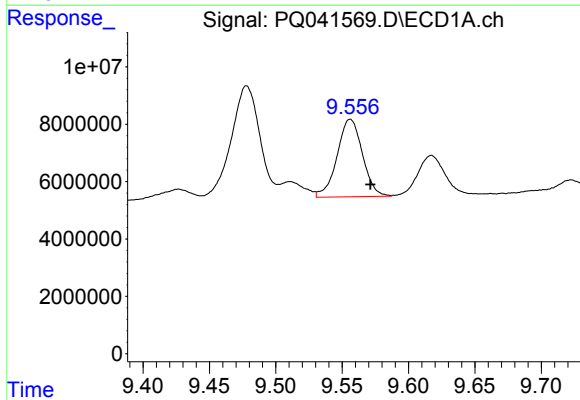
R.T.: 9.181 min
Delta R.T.: -0.015 min
Response: 48528594
Conc: 105.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



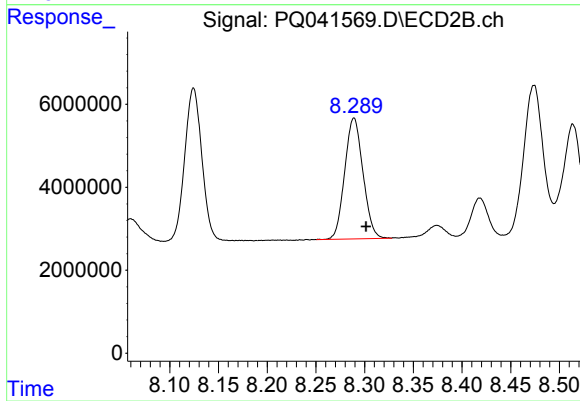
#32 AR-1260-2

R.T.: 8.124 min
Delta R.T.: -0.012 min
Response: 45566478
Conc: 125.58 ng/ml



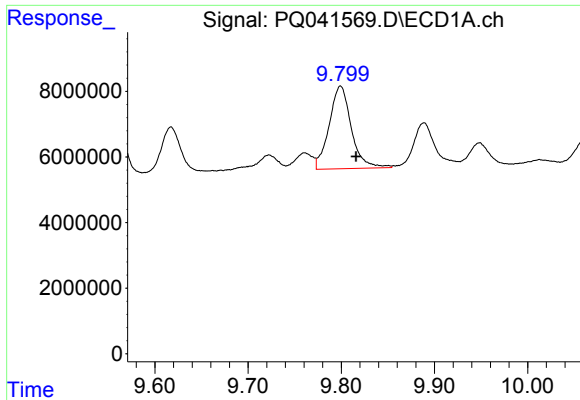
#33 AR-1260-3

R.T.: 9.556 min
Delta R.T.: -0.015 min
Response: 36037252
Conc: 84.88 ng/ml



#33 AR-1260-3

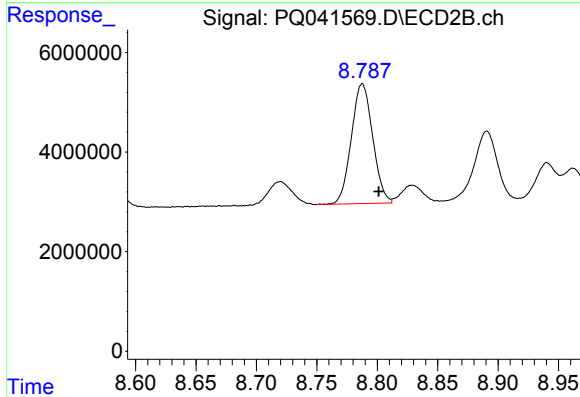
R.T.: 8.289 min
Delta R.T.: -0.013 min
Response: 38070638
Conc: 121.24 ng/ml



#34 AR-1260-4

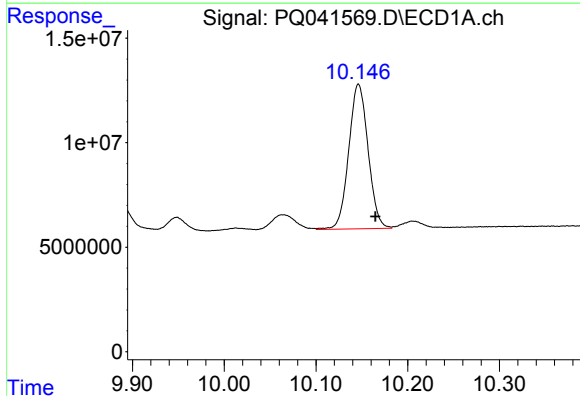
R.T.: 9.799 min
Delta R.T.: -0.017 min
Response: 41691040
Conc: 99.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



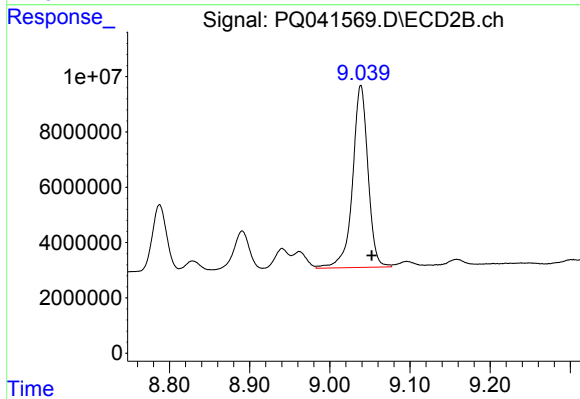
#34 AR-1260-4

R.T.: 8.788 min
Delta R.T.: -0.014 min
Response: 29563937
Conc: 103.85 ng/ml



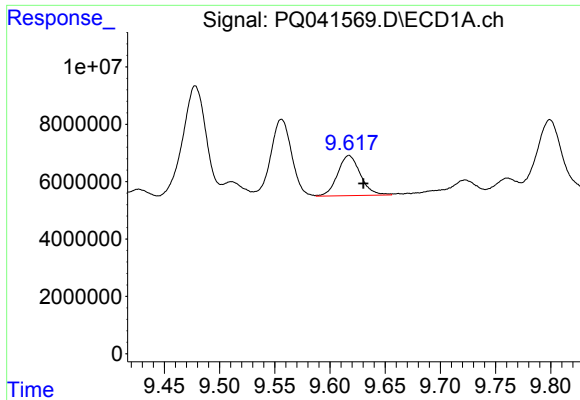
#35 AR-1260-5

R.T.: 10.146 min
Delta R.T.: -0.018 min
Response: 101474711
Conc: 94.96 ng/ml



#35 AR-1260-5

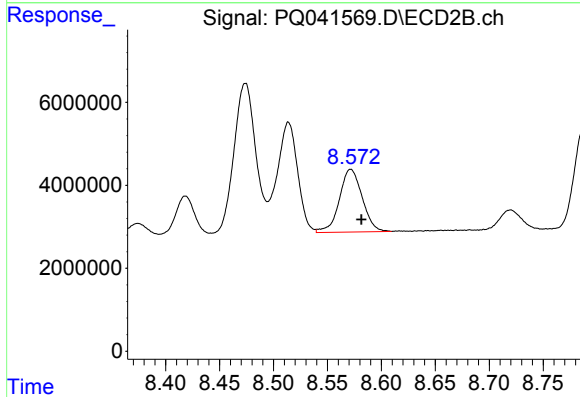
R.T.: 9.039 min
Delta R.T.: -0.013 min
Response: 88030704
Conc: 118.39 ng/ml



#36 AR-1262-1

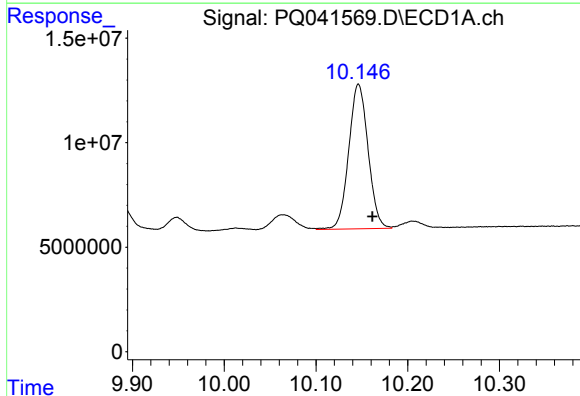
R.T.: 9.617 min
Delta R.T.: -0.013 min
Response: 20141400
Conc: 82.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



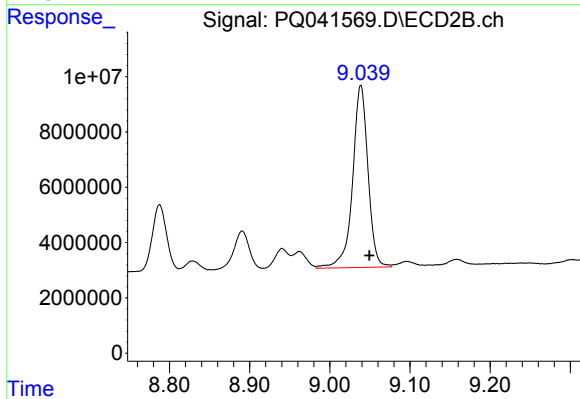
#36 AR-1262-1

R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 22309103
Conc: 115.99 ng/ml



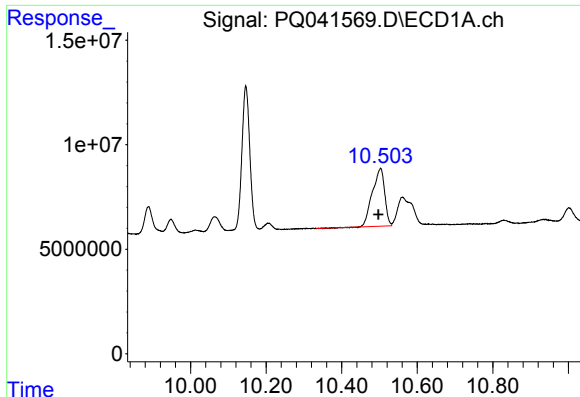
#37 AR-1262-2

R.T.: 10.146 min
Delta R.T.: -0.015 min
Response: 101474711
Conc: 83.56 ng/ml



#37 AR-1262-2

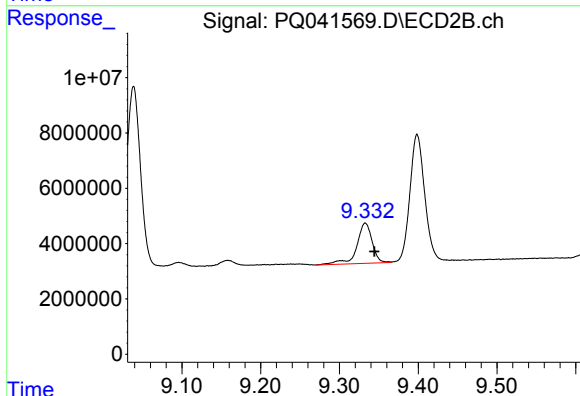
R.T.: 9.039 min
Delta R.T.: -0.011 min
Response: 88030704
Conc: 104.78 ng/ml



#38 AR-1262-3

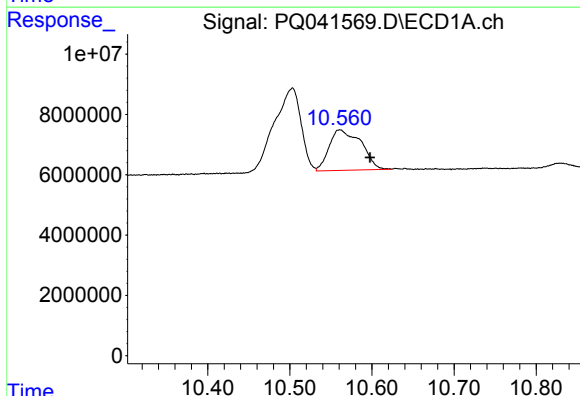
R.T.: 10.503 min
Delta R.T.: 0.005 min
Response: 62596962
Conc: 75.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



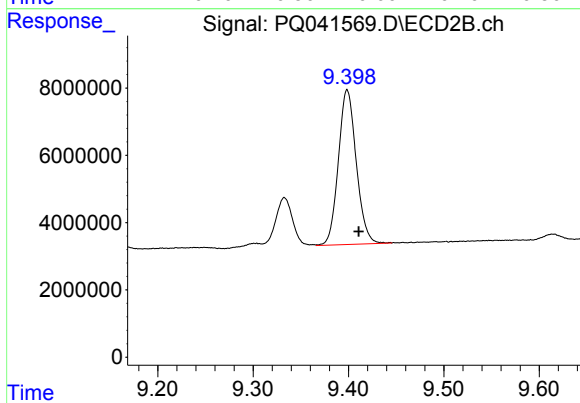
#38 AR-1262-3

R.T.: 9.333 min
Delta R.T.: -0.012 min
Response: 19780076
Conc: 56.24 ng/ml



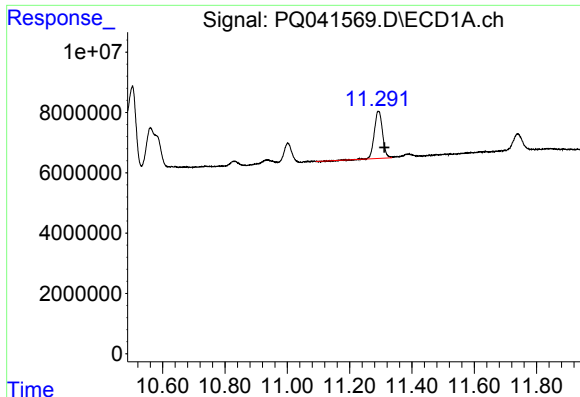
#39 AR-1262-4

R.T.: 10.561 min
Delta R.T.: -0.037 min
Response: 36394701
Conc: 55.87 ng/ml



#39 AR-1262-4

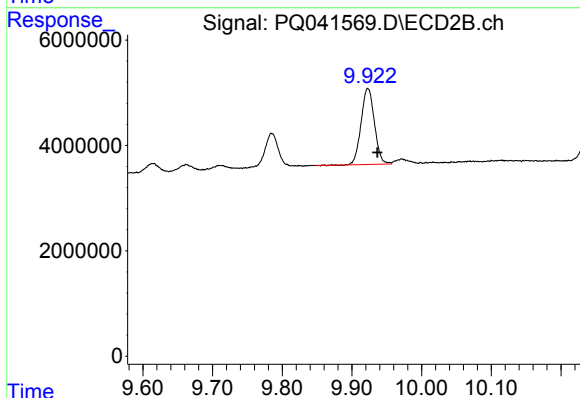
R.T.: 9.399 min
Delta R.T.: -0.012 min
Response: 59861087
Conc: 101.86 ng/ml



#40 AR-1262-5

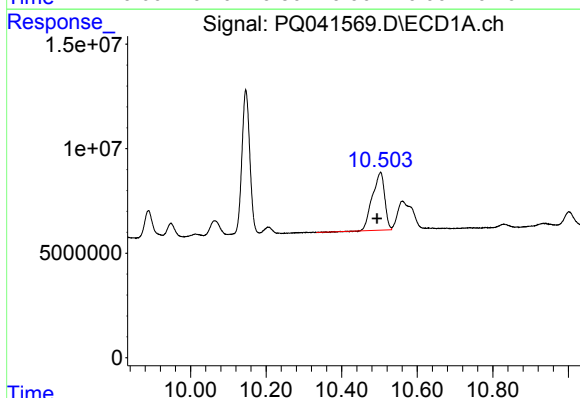
R.T.: 11.292 min
Delta R.T.: -0.019 min
Response: 28259464
Conc: 61.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



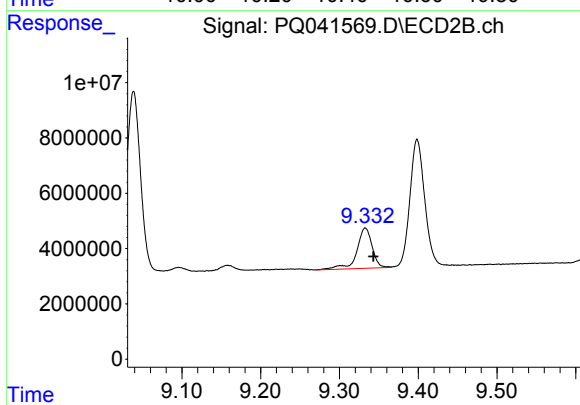
#40 AR-1262-5

R.T.: 9.923 min
Delta R.T.: -0.014 min
Response: 19209471
Conc: 80.05 ng/ml



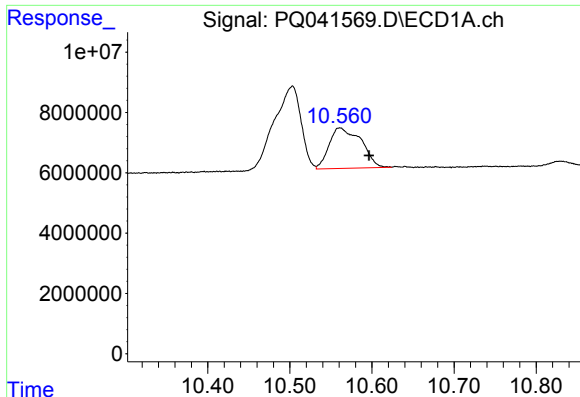
#41 AR-1268-1

R.T.: 10.503 min
Delta R.T.: 0.009 min
Response: 62596962
Conc: 34.69 ng/ml



#41 AR-1268-1

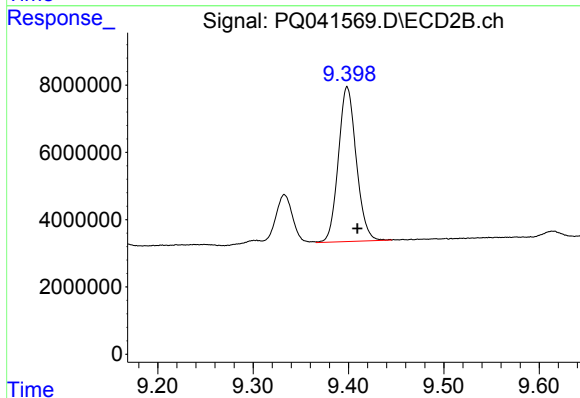
R.T.: 9.333 min
Delta R.T.: -0.010 min
Response: 19780076
Conc: 17.31 ng/ml



#42 AR-1268-2

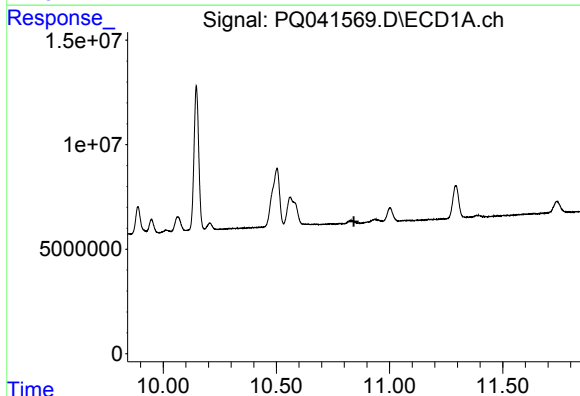
R.T.: 10.561 min
Delta R.T.: -0.036 min
Response: 36394701
Conc: 22.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



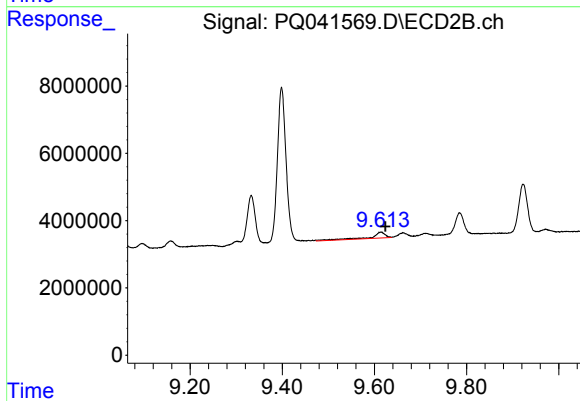
#42 AR-1268-2

R.T.: 9.399 min
Delta R.T.: -0.011 min
Response: 59861087
Conc: 61.60 ng/ml



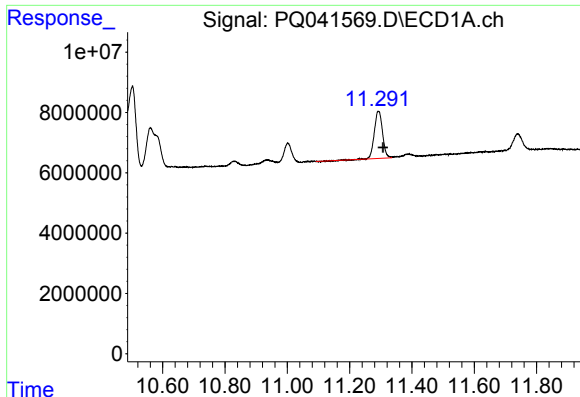
#43 AR-1268-3

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



#43 AR-1268-3

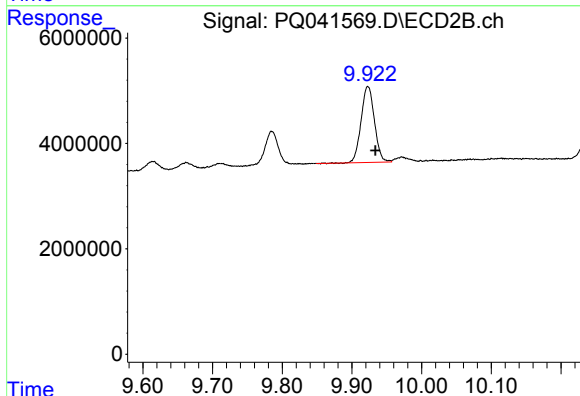
R.T.: 9.615 min
Delta R.T.: -0.010 min
Response: 3642921
Conc: 4.56 ng/ml



#44 AR-1268-4

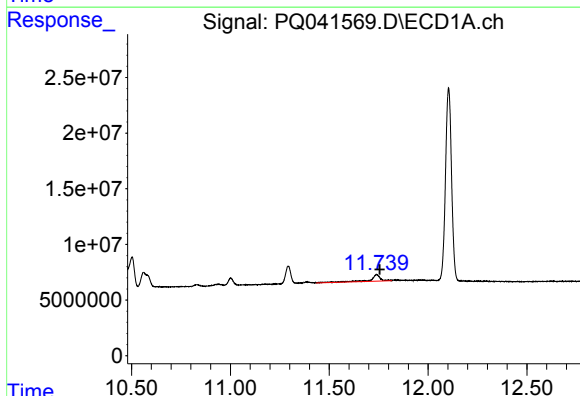
R.T.: 11.292 min
Delta R.T.: -0.015 min
Response: 28259464
Conc: 49.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



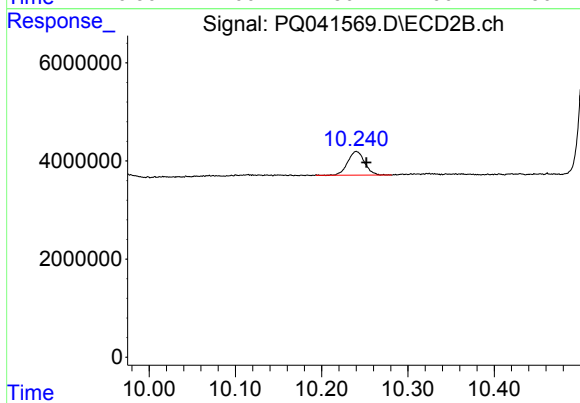
#44 AR-1268-4

R.T.: 9.923 min
Delta R.T.: -0.011 min
Response: 19209471
Conc: 62.60 ng/ml



#45 AR-1268-5

R.T.: 11.740 min
Delta R.T.: -0.017 min
Response: 19640101
Conc: 4.53 ng/ml



#45 AR-1268-5

R.T.: 10.240 min
Delta R.T.: -0.012 min
Response: 6550404
Conc: 3.32 ng/ml