

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 21:24
 Operator : SM\AJ
 Sample : K4022-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:24:12 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...	5.704	4.762	63616720	50548270	16.618	16.815
2)	SA Decachlor...	12.105	10.521	281.2E6	140.5E6	27.184	30.831
Target Compounds							
3)	L1 AR-1016-1	7.170	6.215	6602359	1380048	37.829	9.432 #
4)	L1 AR-1016-2	7.170	6.239	6602359	1651486	25.035	7.934 #
5)	L1 AR-1016-3	0.000	6.455	0	1297205	N.D.	11.489 #
6)	L1 AR-1016-4	0.000	6.506	0	6025138	N.D.	66.090 #
7)	L1 AR-1016-5	7.693	6.758	8448802	5152512	63.491	42.873 #
10)	L2 AR-1221-3	0.000	5.360	0	4034289	N.D.	38.079 #
11)	L3 AR-1232-1	0.000	5.360	0	4034289	N.D.	53.179 #
12)	L3 AR-1232-2	0.000	6.239	0	1651486	N.D.	17.678 #
13)	L3 AR-1232-3	7.170	6.455	6602359	1297205	58.334	26.950 #
14)	L3 AR-1232-4	0.000	6.554	0	4114394	N.D.	95.429 #
15)	L3 AR-1232-5	7.463	6.758	6982935	5152512	189.214	106.519 #
16)	L4 AR-1242-1	7.170	6.215	6602359	1380048	52.710	13.076 #
17)	L4 AR-1242-2	7.170	6.239	6602359	1651486	34.670	10.650 #
18)	L4 AR-1242-3	0.000	6.455	0	1297205	N.D.	15.544 #
19)	L4 AR-1242-4	0.000	6.554	0	4114394	N.D.	50.514 #
20)	L4 AR-1242-5	8.180	7.167	21873808	21884419	164.990	175.314
21)	L5 AR-1248-1	7.170	6.215	6602359	1380048	71.178	17.182 #
22)	L5 AR-1248-2	7.463	6.506	6982935	6025138	56.745	53.789
23)	L5 AR-1248-3	7.693	6.554	8448802	4114394	53.802	35.645 #
24)	L5 AR-1248-4	8.141	6.758	30657513	5152512	141.927	35.594 #
25)	L5 AR-1248-5	8.180	7.214	21873808	14159696	102.714	84.143
26)	L6 AR-1254-1	8.107	7.167	26007184	21884419	128.303	86.056 #
27)	L6 AR-1254-2	8.347	7.336	168.1E6	9156062	486.669	40.020 #
28)	L6 AR-1254-3	8.752	7.804	201.2E6	181.0E6	485.584	445.856
29)	L6 AR-1254-4	9.042	8.031	22353870	17463692	61.764	63.925
30)	L6 AR-1254-5	9.503	8.477	1046.2E6	891.0E6	2605.548	2231.532
31)	L7 AR-1260-1	8.912	7.924	14945752	19305613	49.471	72.590 #
32)	L7 AR-1260-2	9.178	8.129	669.5E6	18484111	1460.669	50.942 #
33)	L7 AR-1260-3	9.555	8.291	16939183	17820738	39.895	56.750 #
34)	L7 AR-1260-4	9.798	8.789	31741848	11254748	75.406	39.535 #
35)	L7 AR-1260-5	10.148	9.040	51255183	26508337	47.966	35.649 #
36)	L8 AR-1262-1	9.619	8.571	6466468	9689615	26.338	50.378 #
37)	L8 AR-1262-2	10.148	9.040	51255183	26508337	42.205	31.552 #
38)	L8 AR-1262-3	10.505	9.335	23730119	6456771	28.474	18.358 #
39)	L8 AR-1262-4	10.561	9.401	12829164	22239288	19.693	37.841 #
40)	L8 AR-1262-5	11.294	9.922	12422934	15462301	27.176	64.439 #
41)	L9 AR-1268-1	10.505	9.335	23730119	6456771	13.150	5.651 #
42)	L9 AR-1268-2	10.561	9.401	12829164	22239288	8.040	22.886 #
43)	L9 AR-1268-3	0.000	9.616	0	6495315	N.D.	8.137 #

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Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:24:12 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
44)	L9 AR-1268-4	11.294	9.922	12422934	15462301	21.885	50.387 #
45)	L9 AR-1268-5	11.742	10.241	5162725	5311638	1.192	2.688 #

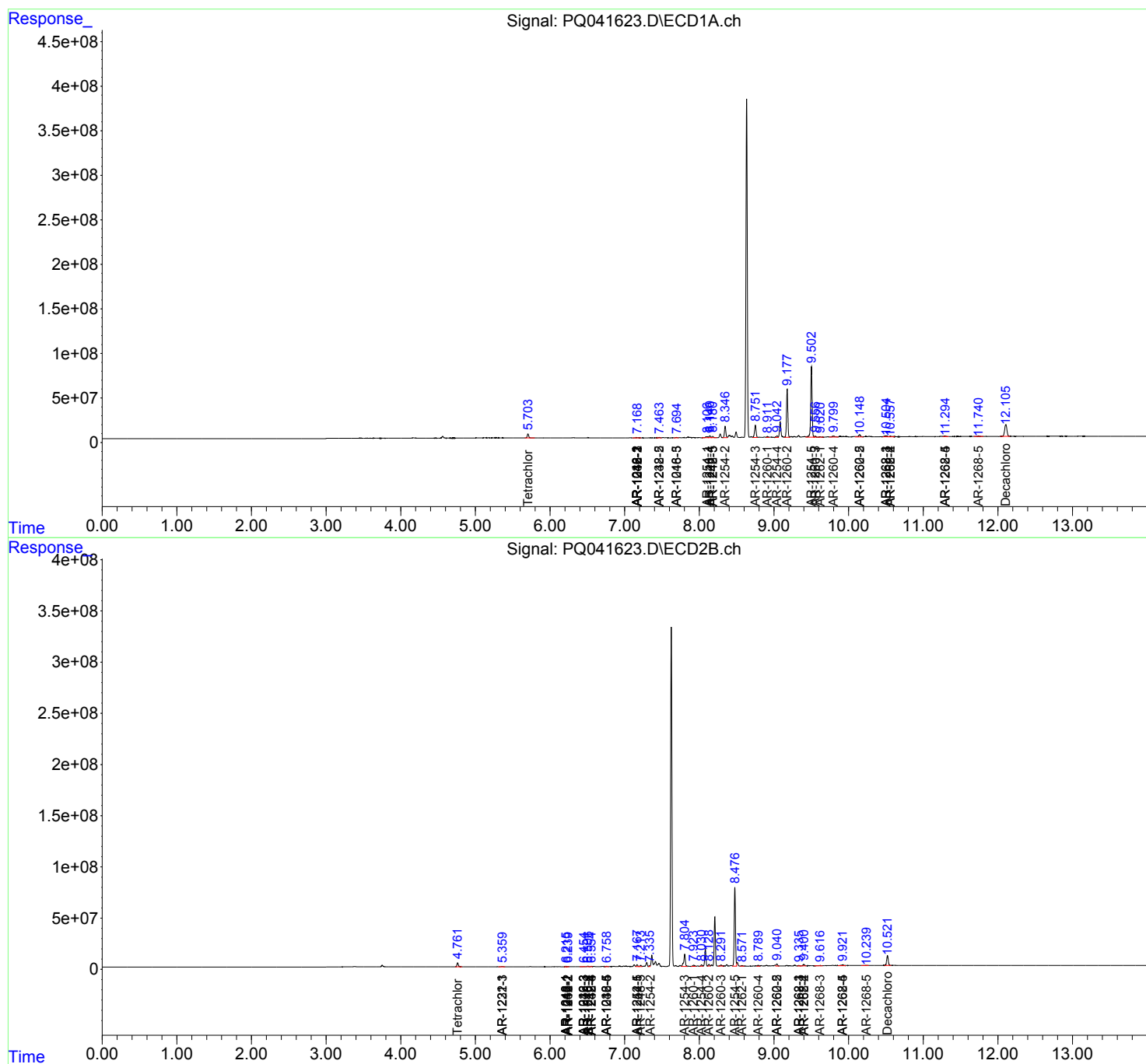
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

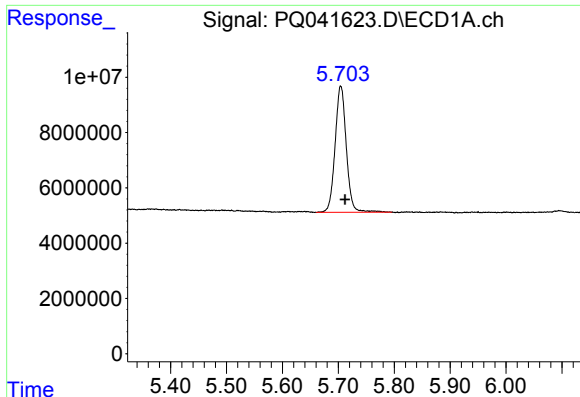
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

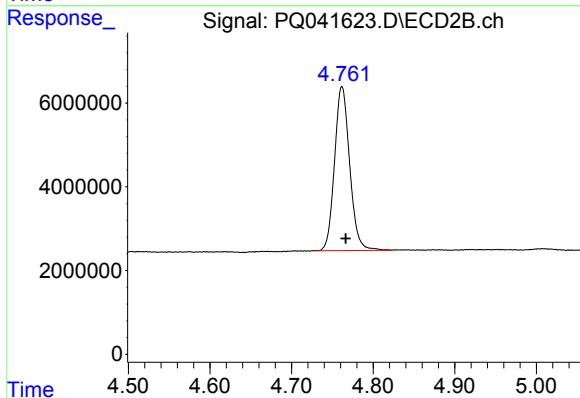




#1 Tetrachloro-m-xylene

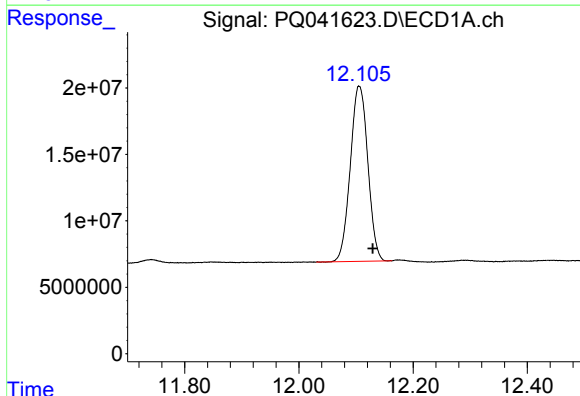
R.T.: 5.704 min
Delta R.T.: -0.008 min
Response: 63616720
Conc: 16.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



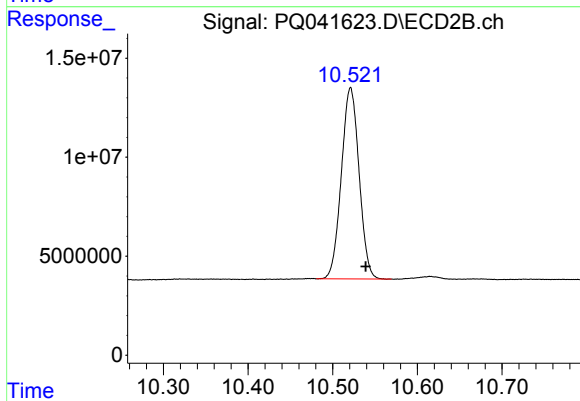
#1 Tetrachloro-m-xylene

R.T.: 4.762 min
Delta R.T.: -0.005 min
Response: 50548270
Conc: 16.82 ng/ml



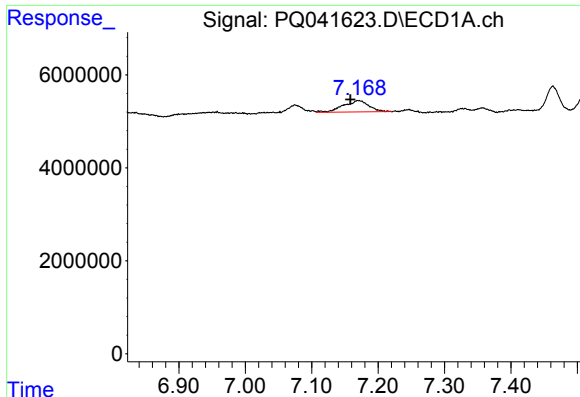
#2 Decachlorobiphenyl

R.T.: 12.105 min
Delta R.T.: -0.024 min
Response: 281182695
Conc: 27.18 ng/ml



#2 Decachlorobiphenyl

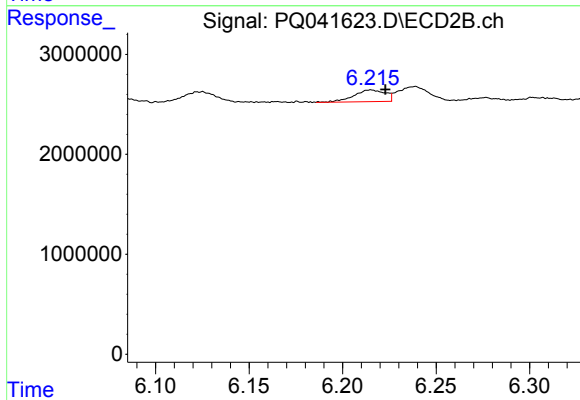
R.T.: 10.521 min
Delta R.T.: -0.018 min
Response: 140489055
Conc: 30.83 ng/ml



#3 AR-1016-1

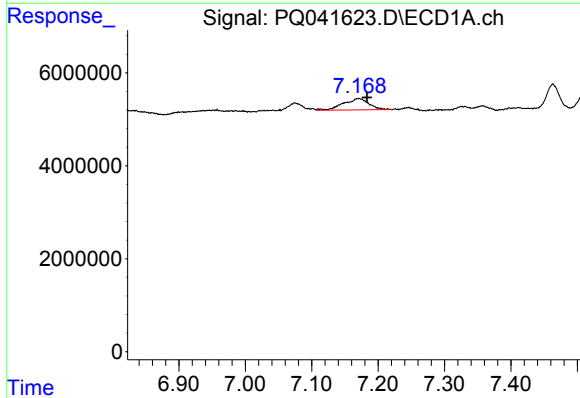
R.T.: 7.170 min
Delta R.T.: 0.012 min
Response: 6602359
Conc: 37.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



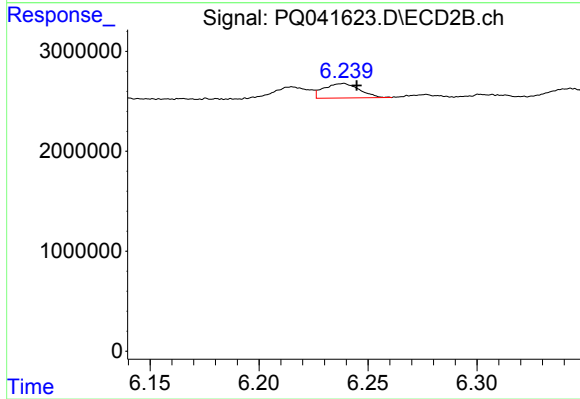
#3 AR-1016-1

R.T.: 6.215 min
Delta R.T.: -0.008 min
Response: 1380048
Conc: 9.43 ng/ml



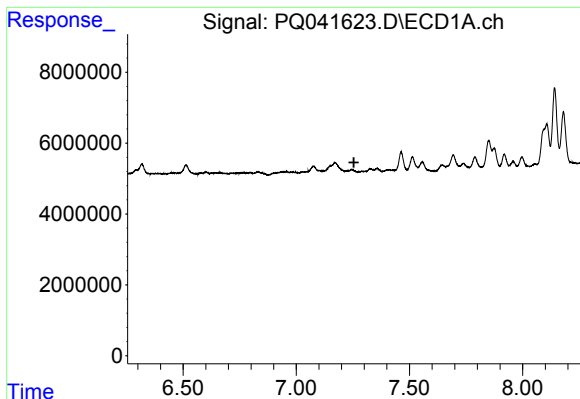
#4 AR-1016-2

R.T.: 7.170 min
Delta R.T.: -0.013 min
Response: 6602359
Conc: 25.04 ng/ml



#4 AR-1016-2

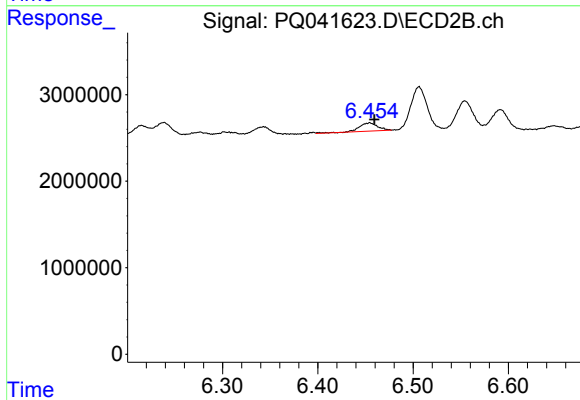
R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 1651486
Conc: 7.93 ng/ml



#5 AR-1016-3

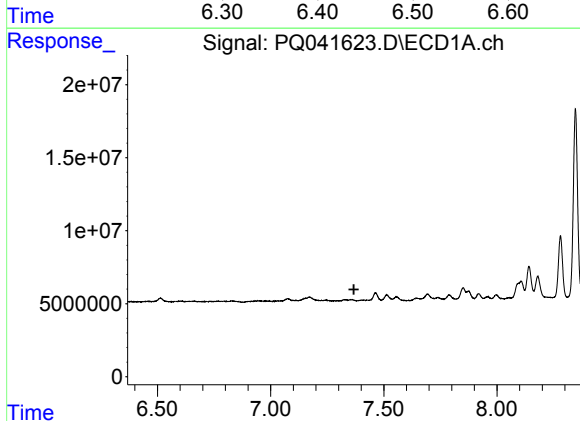
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



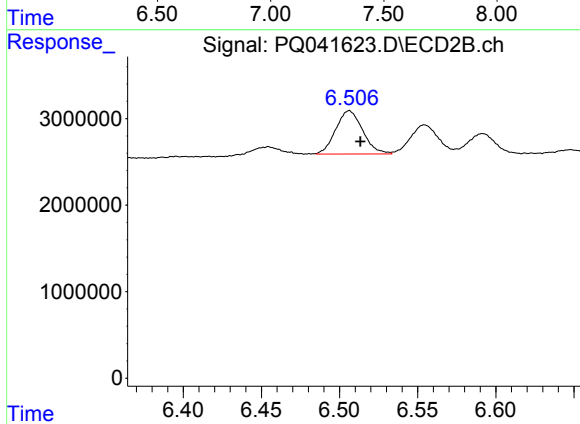
#5 AR-1016-3

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 1297205
Conc: 11.49 ng/ml



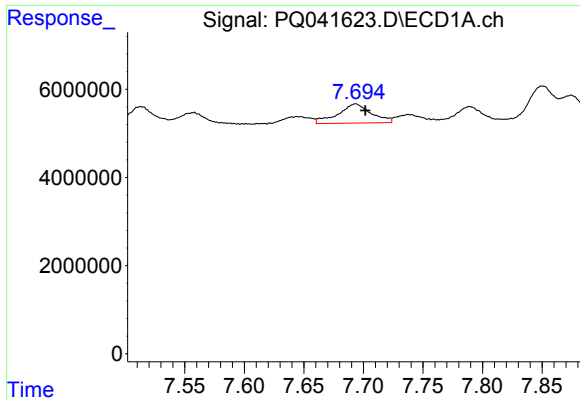
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.368 min
Response: 0
Conc: N.D.



#6 AR-1016-4

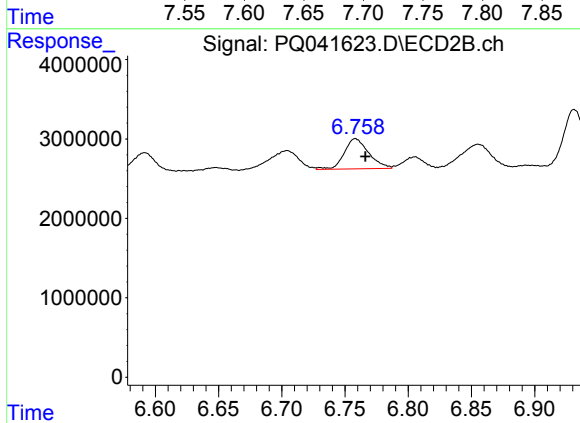
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 6025138
Conc: 66.09 ng/ml



#7 AR-1016-5

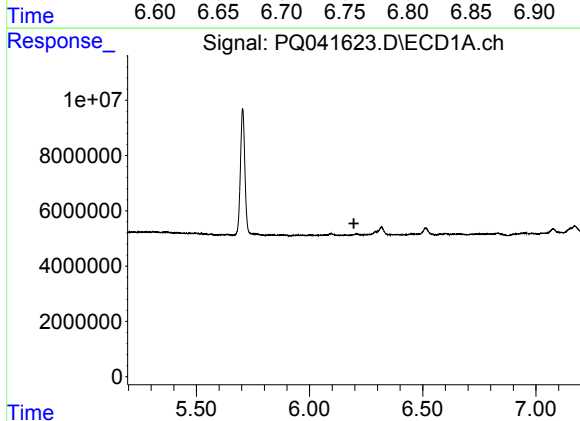
R.T.: 7.693 min
Delta R.T.: -0.008 min
Response: 8448802
Conc: 63.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



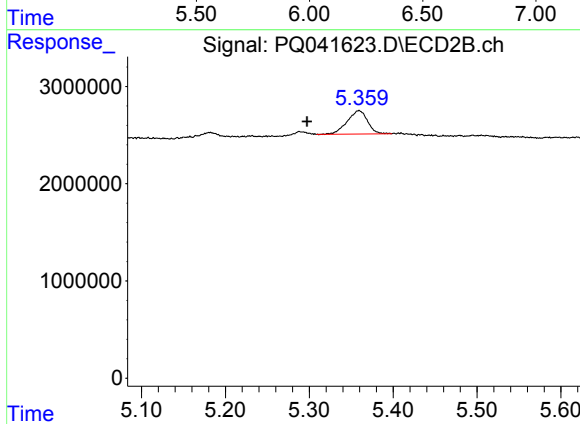
#7 AR-1016-5

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 5152512
Conc: 42.87 ng/ml



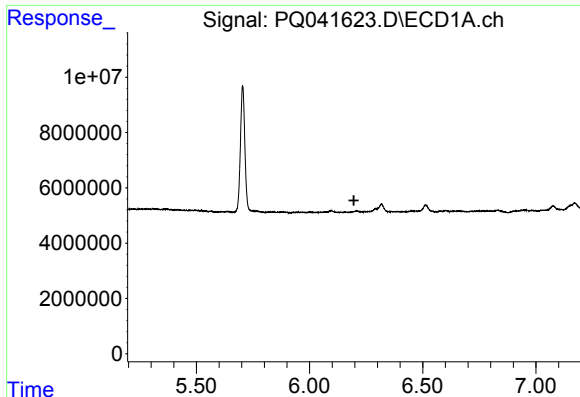
#10 AR-1221-3

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



#10 AR-1221-3

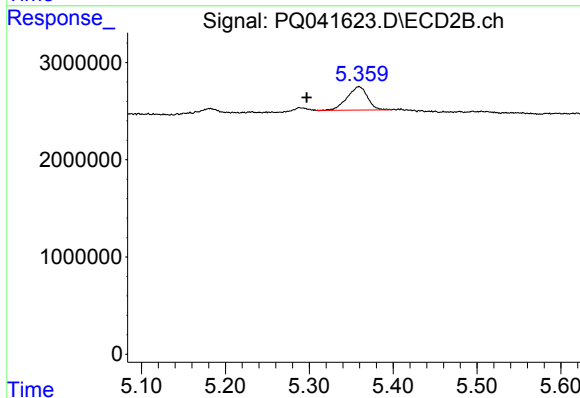
R.T.: 5.360 min
Delta R.T.: 0.062 min
Response: 4034289
Conc: 38.08 ng/ml



#11 AR-1232-1

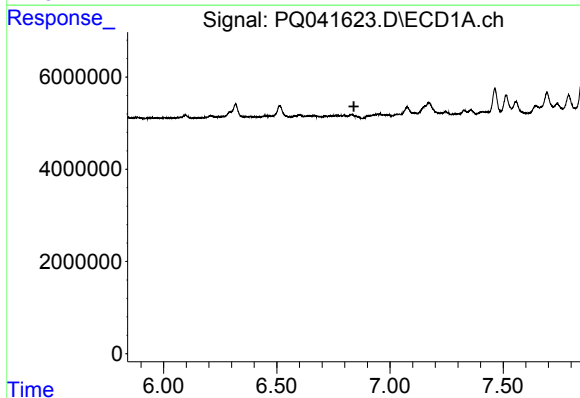
R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



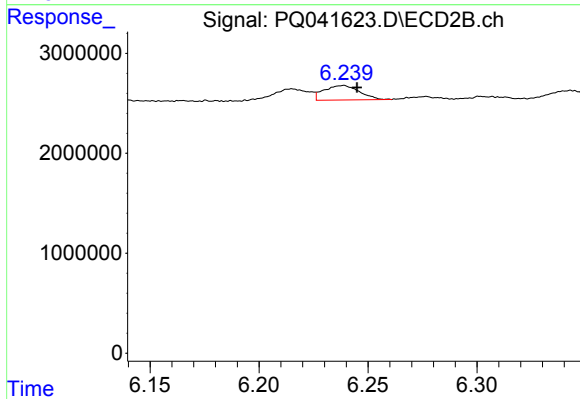
#11 AR-1232-1

R.T.: 5.360 min
Delta R.T.: 0.063 min
Response: 4034289
Conc: 53.18 ng/ml



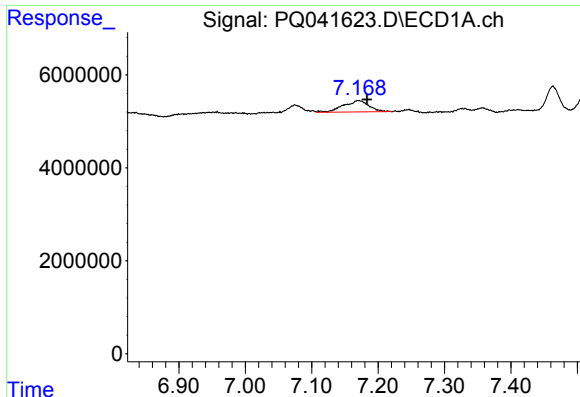
#12 AR-1232-2

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



#12 AR-1232-2

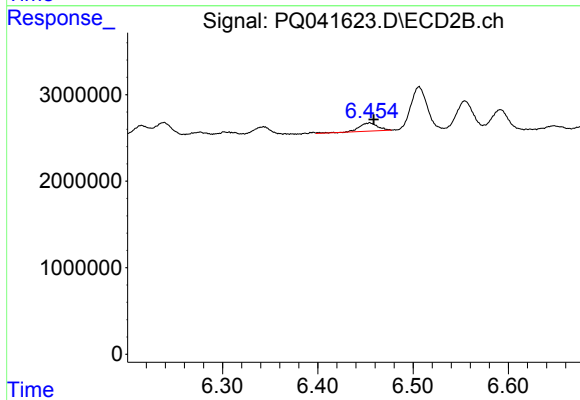
R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 1651486
Conc: 17.68 ng/ml



#13 AR-1232-3

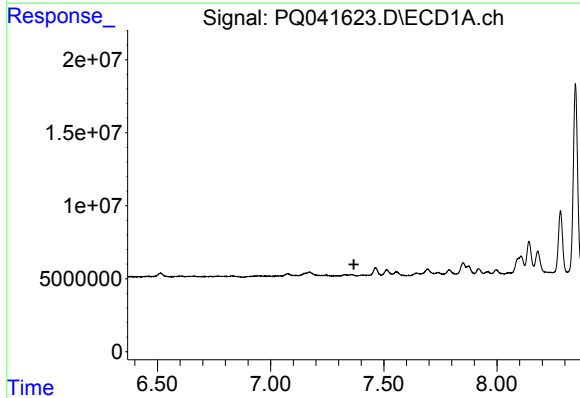
R.T.: 7.170 min
Delta R.T.: -0.013 min
Response: 6602359
Conc: 58.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



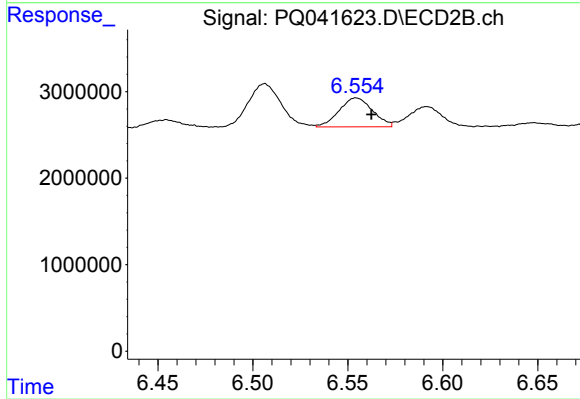
#13 AR-1232-3

R.T.: 6.455 min
Delta R.T.: -0.004 min
Response: 1297205
Conc: 26.95 ng/ml



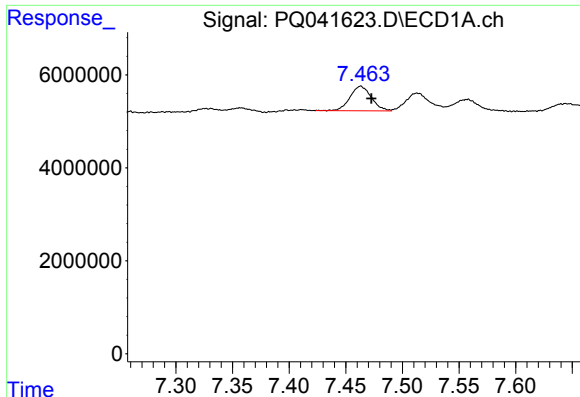
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.368 min
Response: 0
Conc: N.D.



#14 AR-1232-4

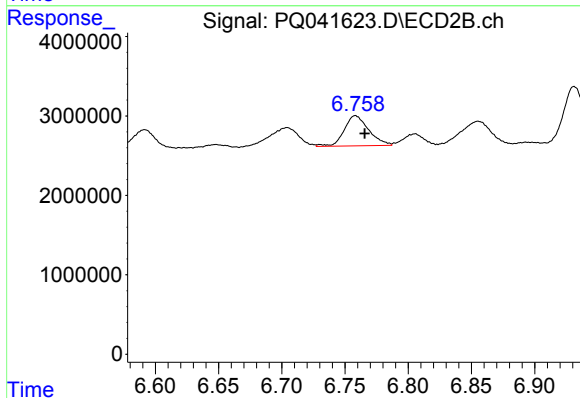
R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 4114394
Conc: 95.43 ng/ml



#15 AR-1232-5

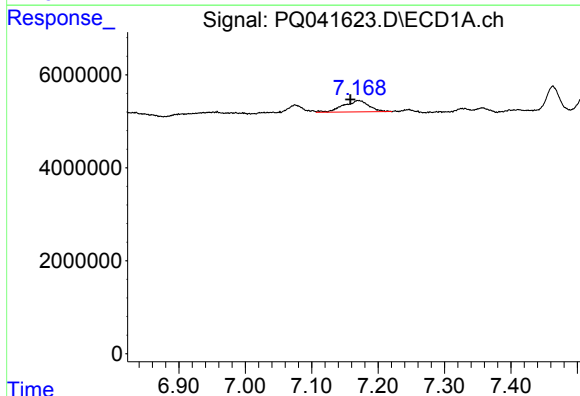
R.T.: 7.463 min
Delta R.T.: -0.010 min
Response: 6982935
Conc: 189.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



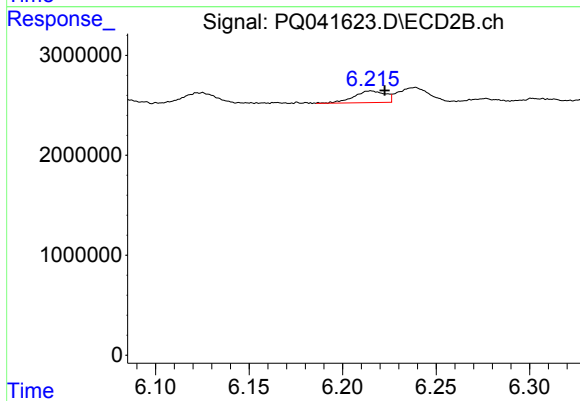
#15 AR-1232-5

R.T.: 6.758 min
Delta R.T.: -0.007 min
Response: 5152512
Conc: 106.52 ng/ml



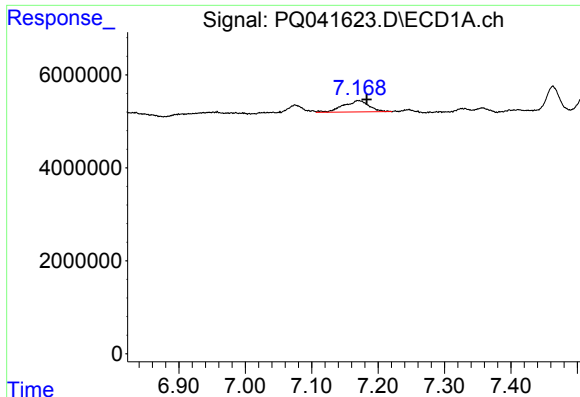
#16 AR-1242-1

R.T.: 7.170 min
Delta R.T.: 0.012 min
Response: 6602359
Conc: 52.71 ng/ml



#16 AR-1242-1

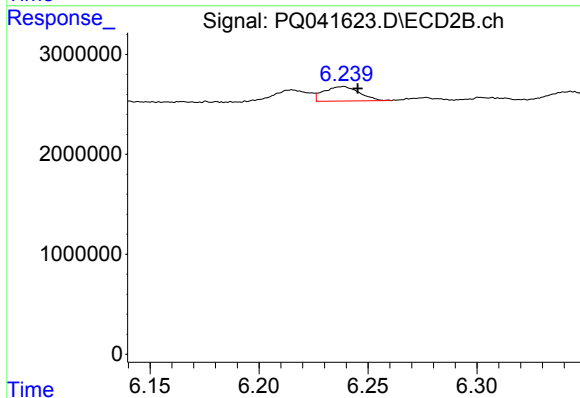
R.T.: 6.215 min
Delta R.T.: -0.007 min
Response: 1380048
Conc: 13.08 ng/ml



#17 AR-1242-2

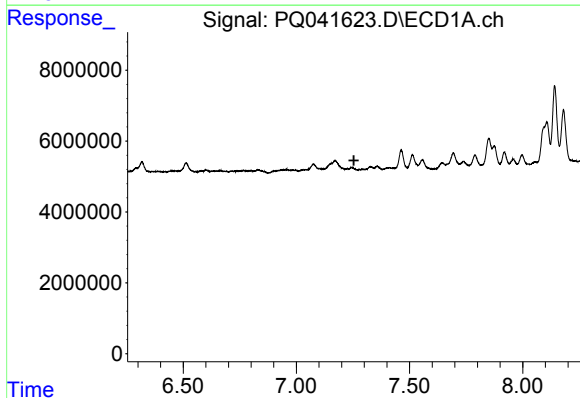
R.T.: 7.170 min
Delta R.T.: -0.013 min
Response: 6602359
Conc: 34.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



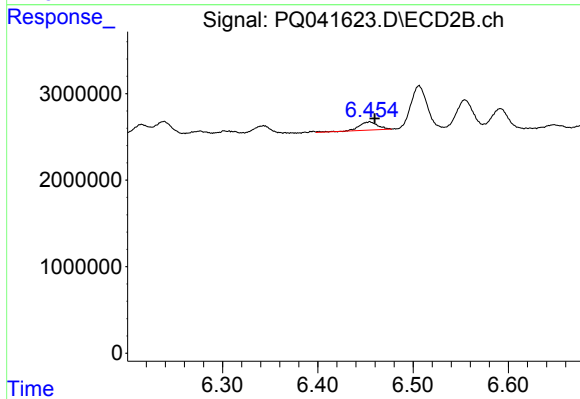
#17 AR-1242-2

R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 1651486
Conc: 10.65 ng/ml



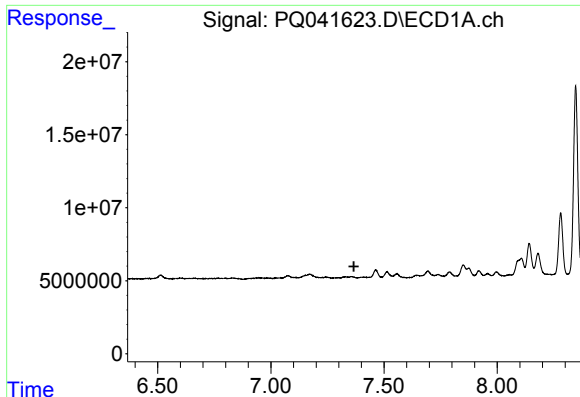
#18 AR-1242-3

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



#18 AR-1242-3

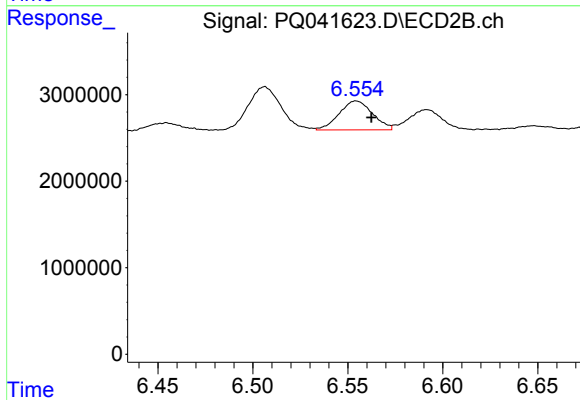
R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 1297205
Conc: 15.54 ng/ml



#19 AR-1242-4

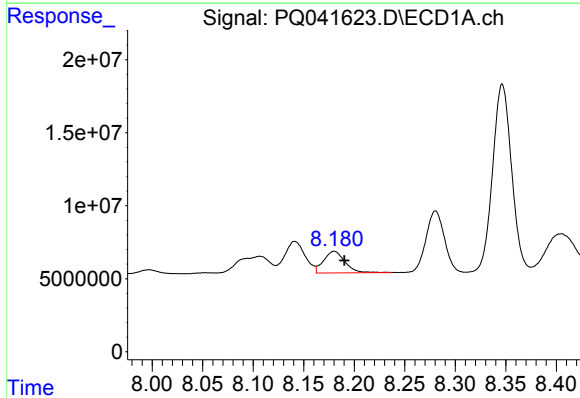
R.T.: 0.000 min
Exp R.T.: 7.367 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



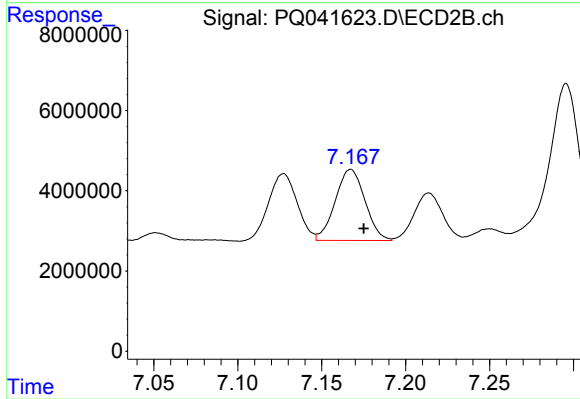
#19 AR-1242-4

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 4114394
Conc: 50.51 ng/ml



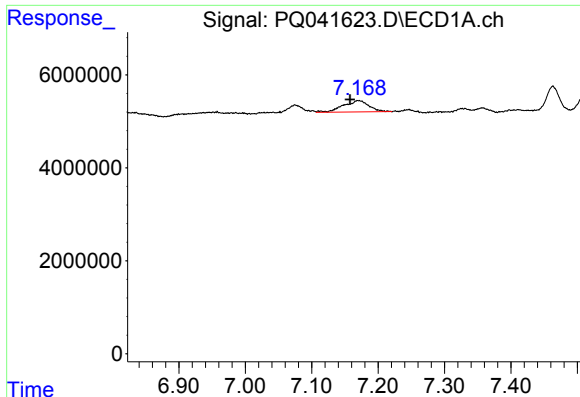
#20 AR-1242-5

R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 21873808
Conc: 164.99 ng/ml



#20 AR-1242-5

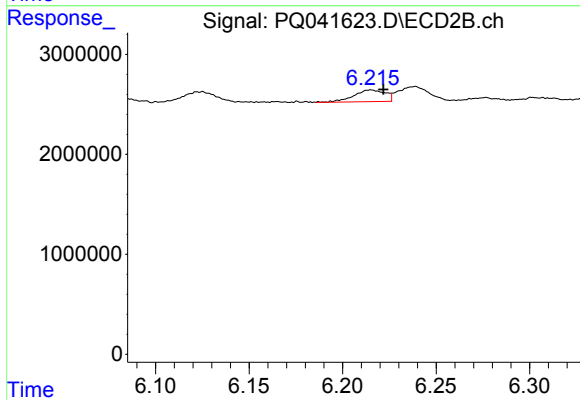
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 21884419
Conc: 175.31 ng/ml



#21 AR-1248-1

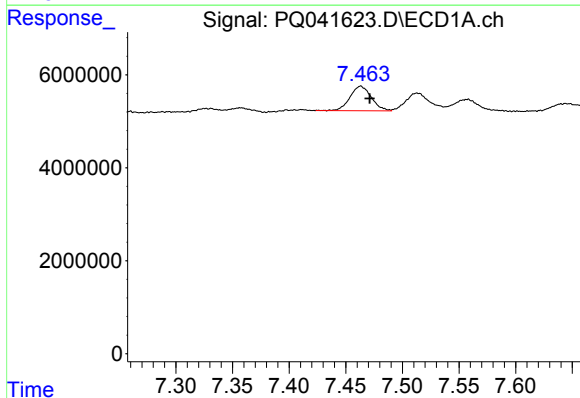
R.T.: 7.170 min
Delta R.T.: 0.012 min
Response: 6602359
Conc: 71.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



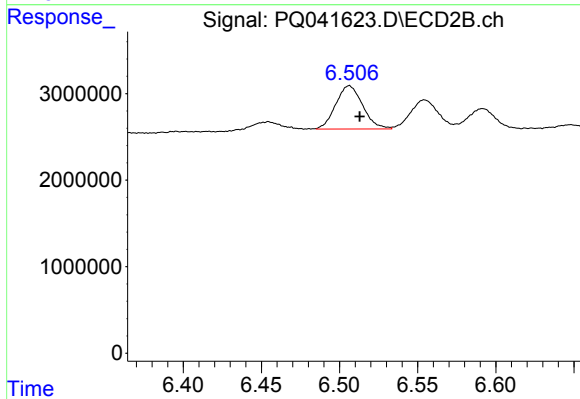
#21 AR-1248-1

R.T.: 6.215 min
Delta R.T.: -0.006 min
Response: 1380048
Conc: 17.18 ng/ml



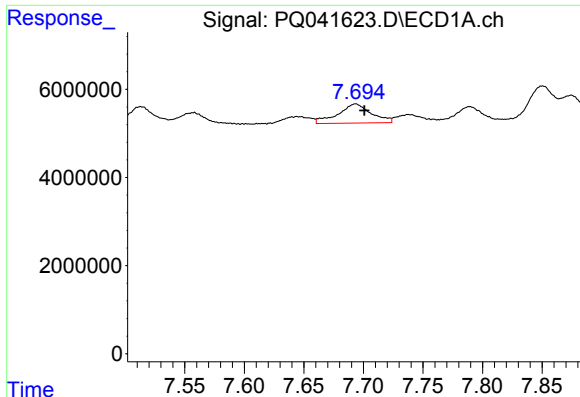
#22 AR-1248-2

R.T.: 7.463 min
Delta R.T.: -0.008 min
Response: 6982935
Conc: 56.75 ng/ml



#22 AR-1248-2

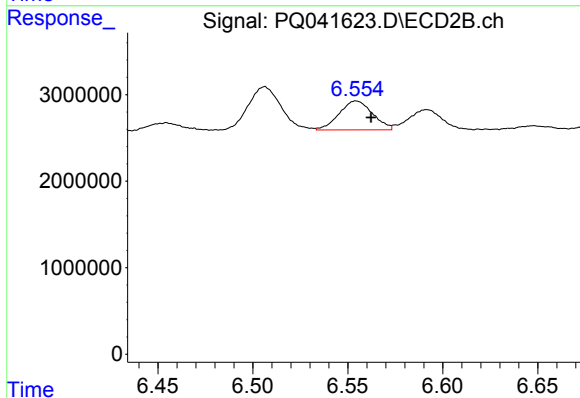
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 6025138
Conc: 53.79 ng/ml



#23 AR-1248-3

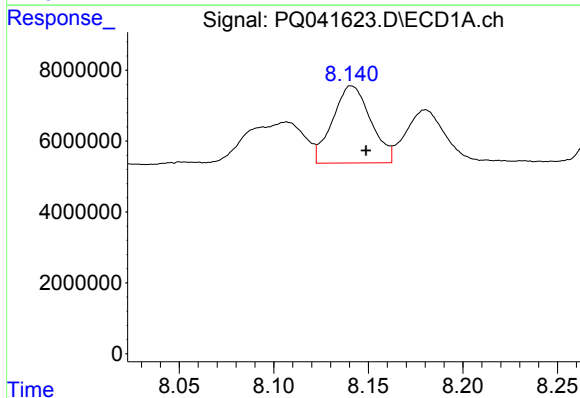
R.T.: 7.693 min
Delta R.T.: -0.007 min
Response: 8448802
Conc: 53.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



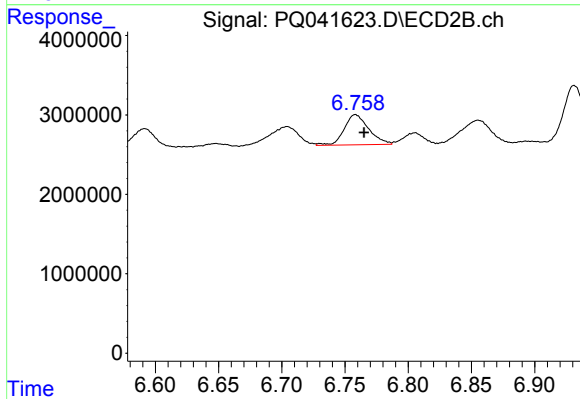
#23 AR-1248-3

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 4114394
Conc: 35.64 ng/ml



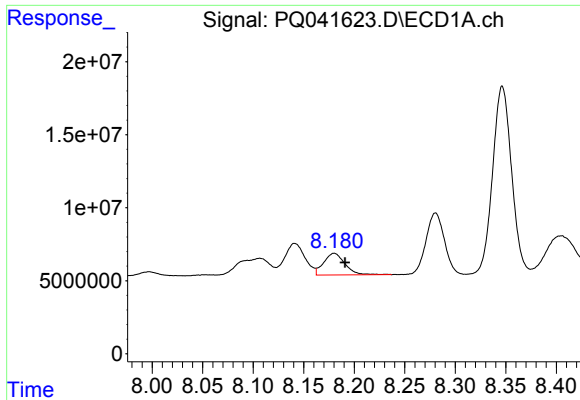
#24 AR-1248-4

R.T.: 8.141 min
Delta R.T.: -0.008 min
Response: 30657513
Conc: 141.93 ng/ml



#24 AR-1248-4

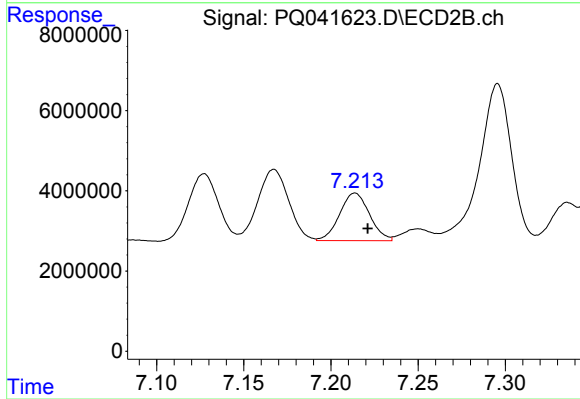
R.T.: 6.758 min
Delta R.T.: -0.007 min
Response: 5152512
Conc: 35.59 ng/ml



#25 AR-1248-5

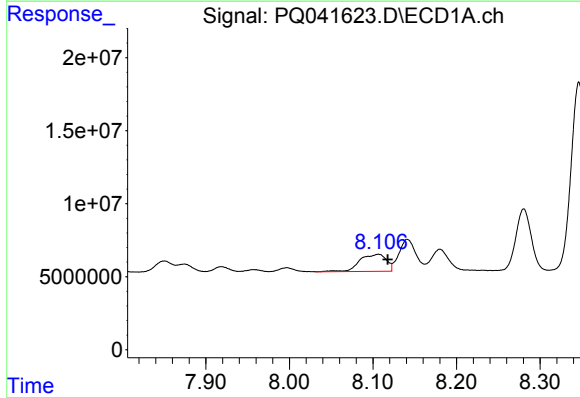
R.T.: 8.180 min
Delta R.T.: -0.011 min
Response: 21873808
Conc: 102.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



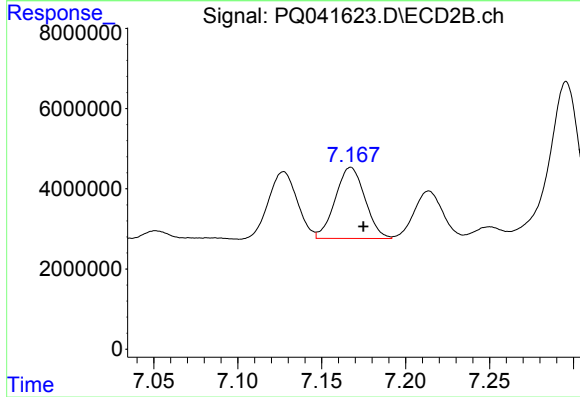
#25 AR-1248-5

R.T.: 7.214 min
Delta R.T.: -0.007 min
Response: 14159696
Conc: 84.14 ng/ml



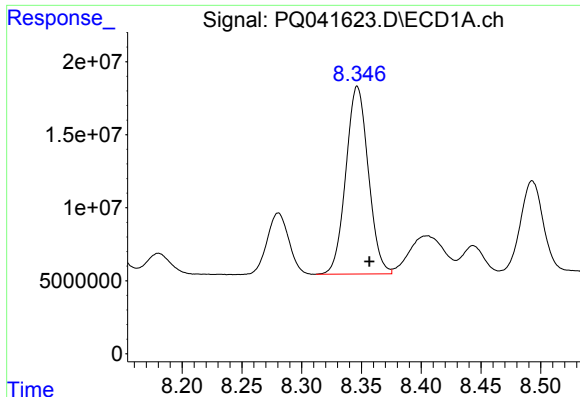
#26 AR-1254-1

R.T.: 8.107 min
Delta R.T.: -0.011 min
Response: 26007184
Conc: 128.30 ng/ml



#26 AR-1254-1

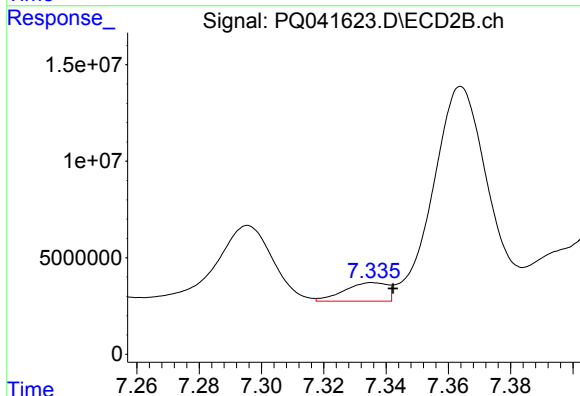
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 21884419
Conc: 86.06 ng/ml



#27 AR-1254-2

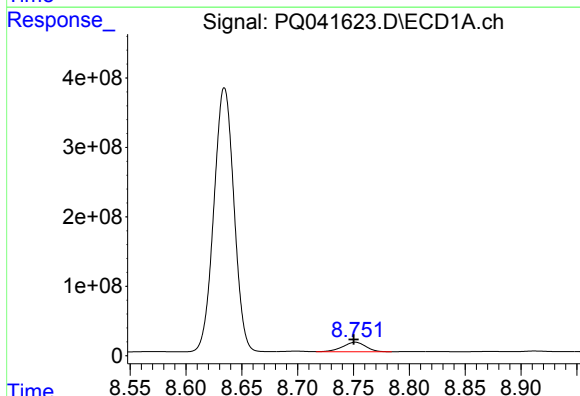
R.T.: 8.347 min
Delta R.T.: -0.010 min
Response: 168092464
Conc: 486.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



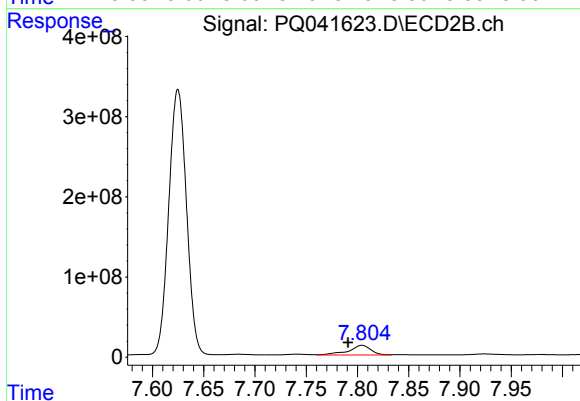
#27 AR-1254-2

R.T.: 7.336 min
Delta R.T.: -0.006 min
Response: 9156062
Conc: 40.02 ng/ml



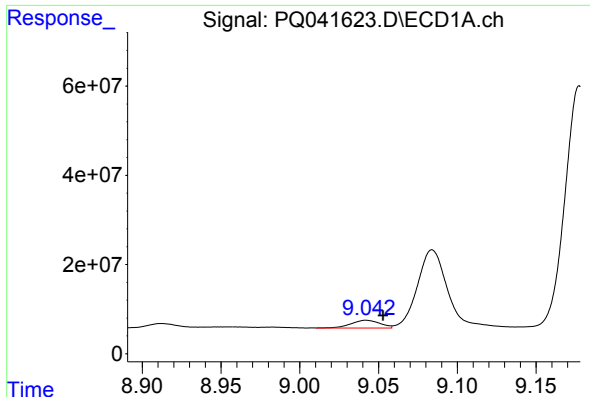
#28 AR-1254-3

R.T.: 8.752 min
Delta R.T.: 0.001 min
Response: 201218678
Conc: 485.58 ng/ml



#28 AR-1254-3

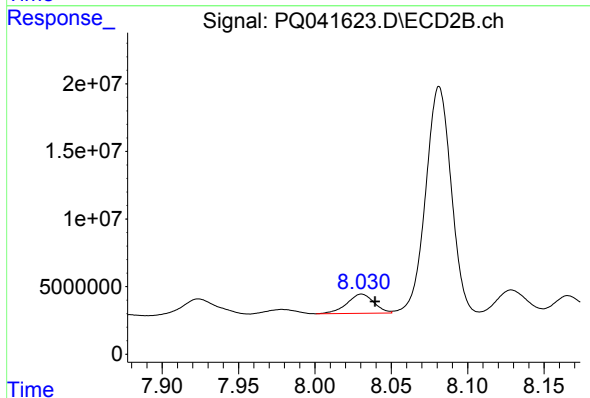
R.T.: 7.804 min
Delta R.T.: 0.014 min
Response: 180968370
Conc: 445.86 ng/ml



#29 AR-1254-4

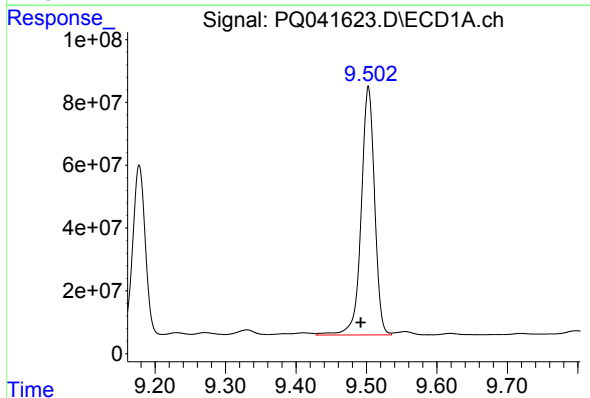
R.T.: 9.042 min
Delta R.T.: -0.011 min
Response: 22353870
Conc: 61.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



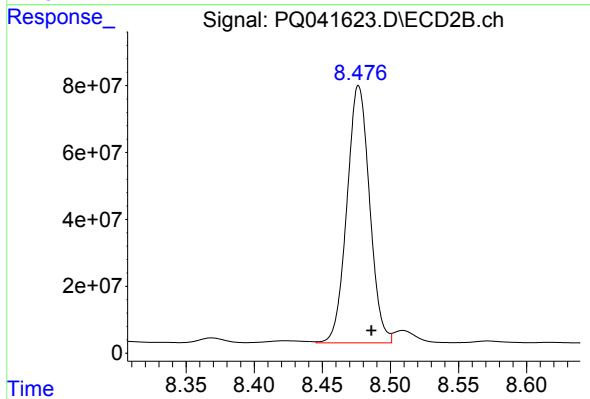
#29 AR-1254-4

R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 17463692
Conc: 63.92 ng/ml



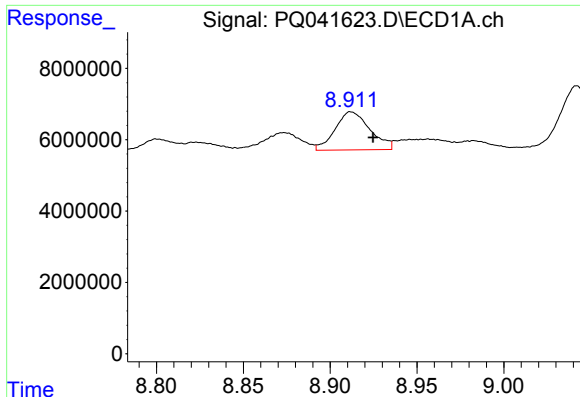
#30 AR-1254-5

R.T.: 9.503 min
Delta R.T.: 0.011 min
Response: 1046204191
Conc: 2605.55 ng/ml



#30 AR-1254-5

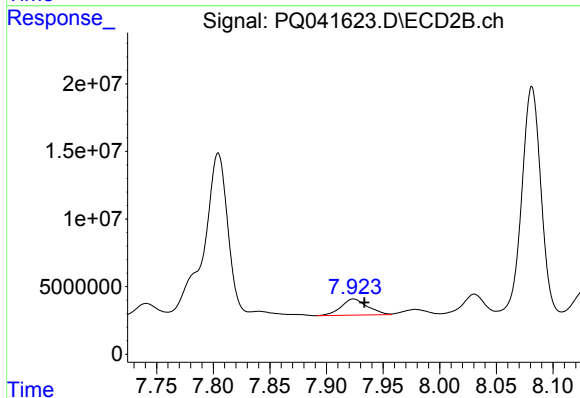
R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 890990187
Conc: 2231.53 ng/ml



#31 AR-1260-1

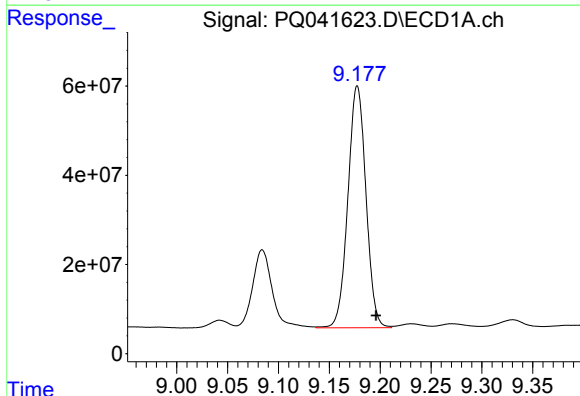
R.T.: 8.912 min
Delta R.T.: -0.013 min
Response: 14945752
Conc: 49.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



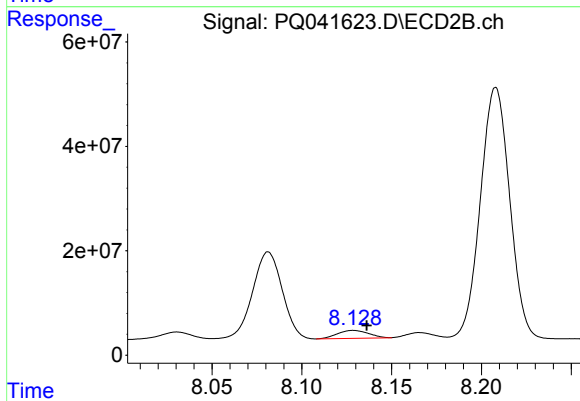
#31 AR-1260-1

R.T.: 7.924 min
Delta R.T.: -0.010 min
Response: 19305613
Conc: 72.59 ng/ml



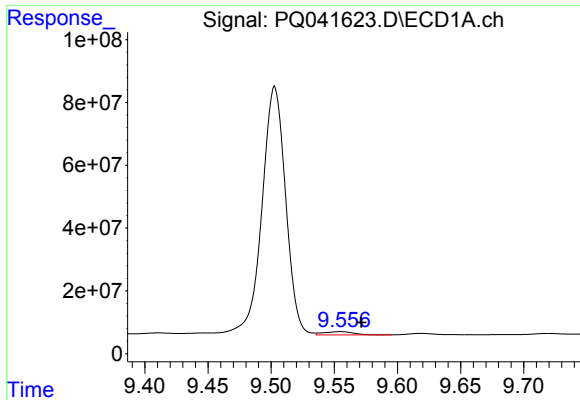
#32 AR-1260-2

R.T.: 9.178 min
Delta R.T.: -0.018 min
Response: 669524854
Conc: 1460.67 ng/ml



#32 AR-1260-2

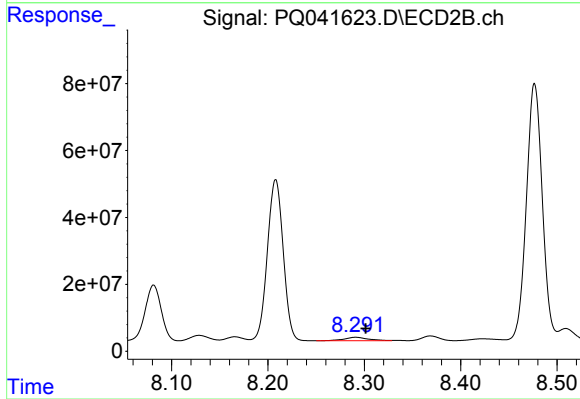
R.T.: 8.129 min
Delta R.T.: -0.007 min
Response: 18484111
Conc: 50.94 ng/ml



#33 AR-1260-3

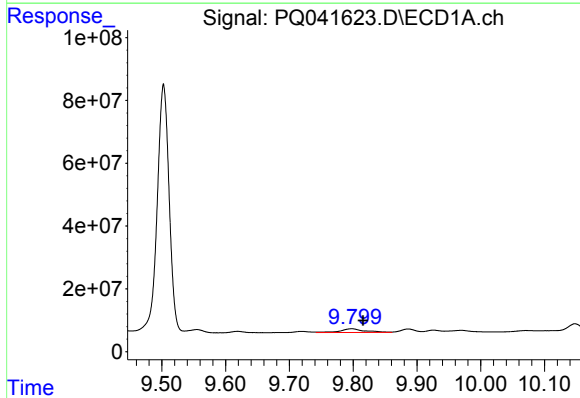
R.T.: 9.555 min
Delta R.T.: -0.016 min
Response: 16939183
Conc: 39.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



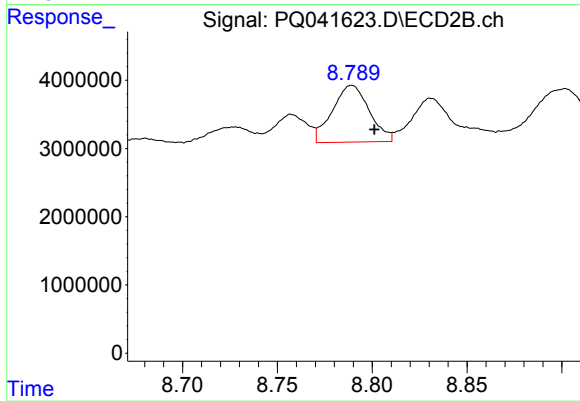
#33 AR-1260-3

R.T.: 8.291 min
Delta R.T.: -0.011 min
Response: 17820738
Conc: 56.75 ng/ml



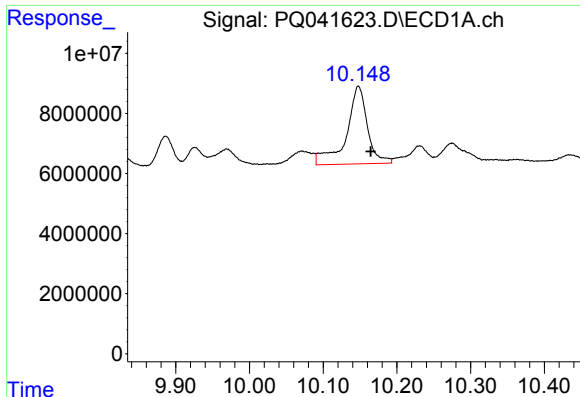
#34 AR-1260-4

R.T.: 9.798 min
Delta R.T.: -0.018 min
Response: 31741848
Conc: 75.41 ng/ml



#34 AR-1260-4

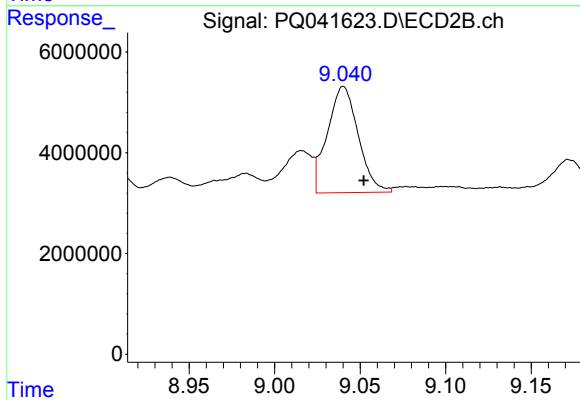
R.T.: 8.789 min
Delta R.T.: -0.012 min
Response: 11254748
Conc: 39.53 ng/ml



#35 AR-1260-5

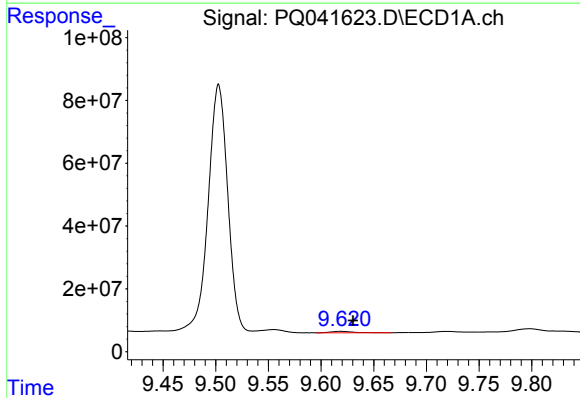
R.T.: 10.148 min
Delta R.T.: -0.017 min
Response: 51255183
Conc: 47.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



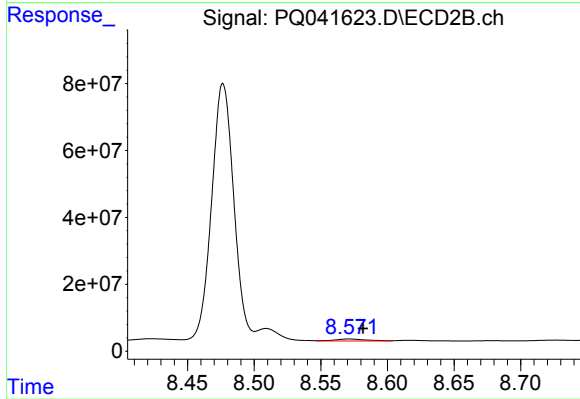
#35 AR-1260-5

R.T.: 9.040 min
Delta R.T.: -0.012 min
Response: 26508337
Conc: 35.65 ng/ml



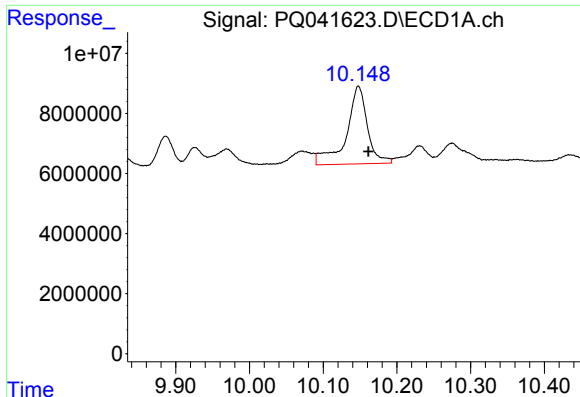
#36 AR-1262-1

R.T.: 9.619 min
Delta R.T.: -0.012 min
Response: 6466468
Conc: 26.34 ng/ml



#36 AR-1262-1

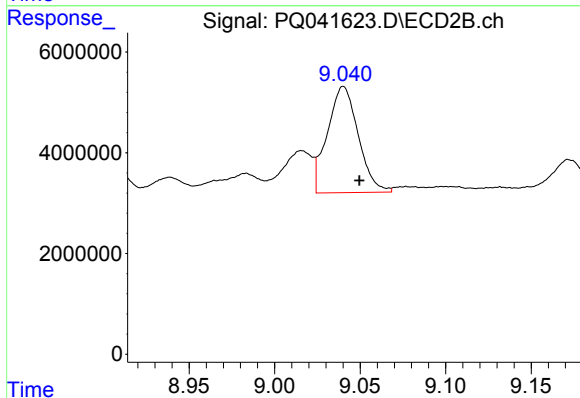
R.T.: 8.571 min
Delta R.T.: -0.010 min
Response: 9689615
Conc: 50.38 ng/ml



#37 AR-1262-2

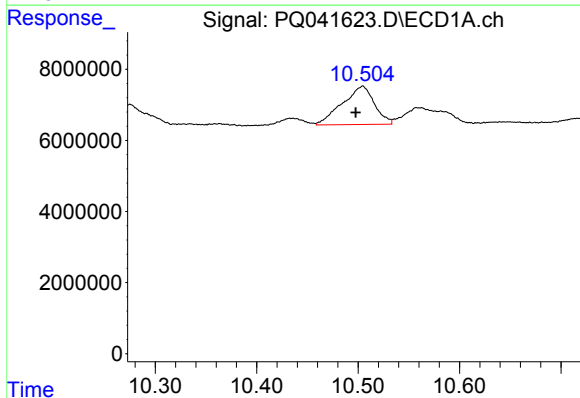
R.T.: 10.148 min
Delta R.T.: -0.014 min
Response: 51255183
Conc: 42.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



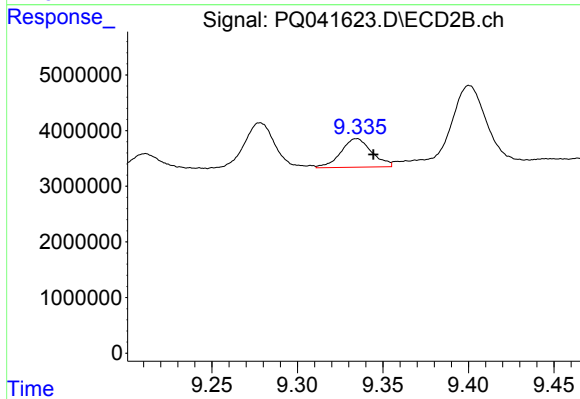
#37 AR-1262-2

R.T.: 9.040 min
Delta R.T.: -0.009 min
Response: 26508337
Conc: 31.55 ng/ml



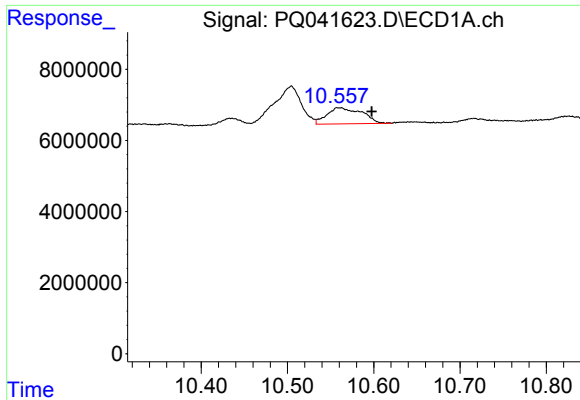
#38 AR-1262-3

R.T.: 10.505 min
Delta R.T.: 0.007 min
Response: 23730119
Conc: 28.47 ng/ml



#38 AR-1262-3

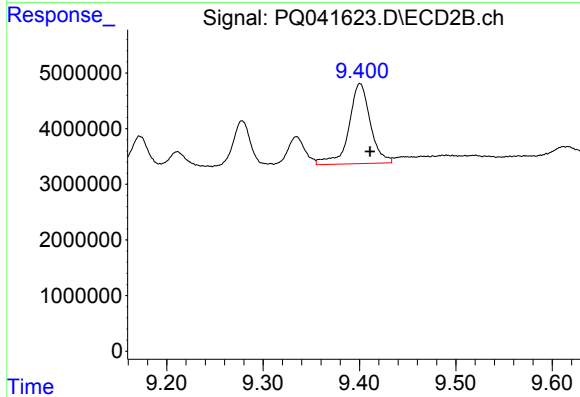
R.T.: 9.335 min
Delta R.T.: -0.010 min
Response: 6456771
Conc: 18.36 ng/ml



#39 AR-1262-4

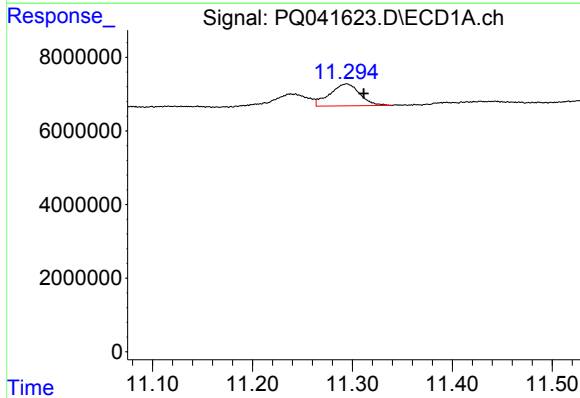
R.T.: 10.561 min
Delta R.T.: -0.036 min
Response: 12829164
Conc: 19.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



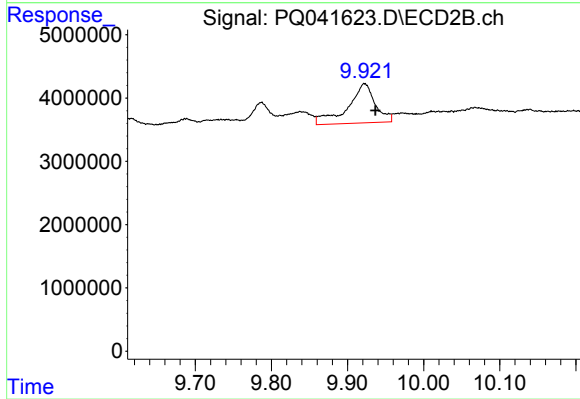
#39 AR-1262-4

R.T.: 9.401 min
Delta R.T.: -0.010 min
Response: 22239288
Conc: 37.84 ng/ml



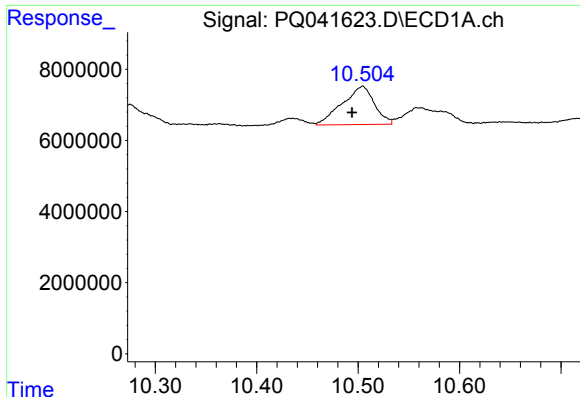
#40 AR-1262-5

R.T.: 11.294 min
Delta R.T.: -0.017 min
Response: 12422934
Conc: 27.18 ng/ml



#40 AR-1262-5

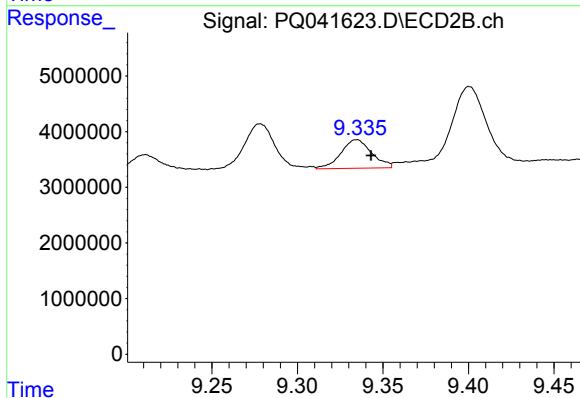
R.T.: 9.922 min
Delta R.T.: -0.014 min
Response: 15462301
Conc: 64.44 ng/ml



#41 AR-1268-1

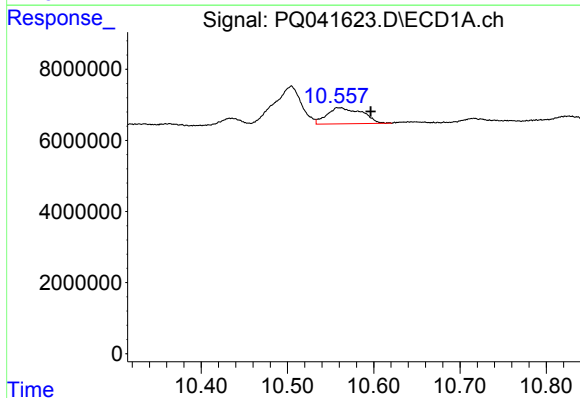
R.T.: 10.505 min
Delta R.T.: 0.011 min
Response: 23730119
Conc: 13.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



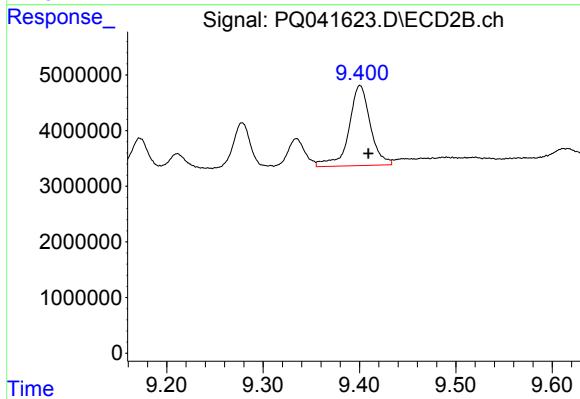
#41 AR-1268-1

R.T.: 9.335 min
Delta R.T.: -0.009 min
Response: 6456771
Conc: 5.65 ng/ml



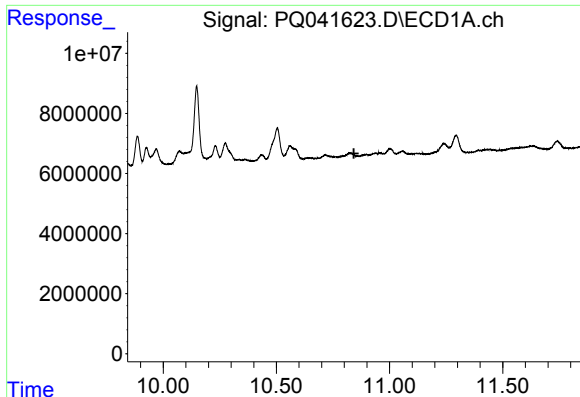
#42 AR-1268-2

R.T.: 10.561 min
Delta R.T.: -0.035 min
Response: 12829164
Conc: 8.04 ng/ml



#42 AR-1268-2

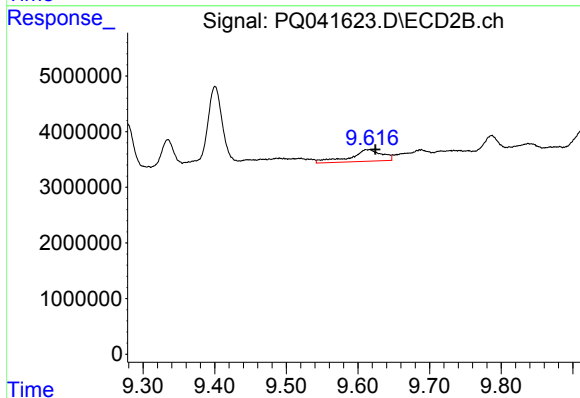
R.T.: 9.401 min
Delta R.T.: -0.009 min
Response: 22239288
Conc: 22.89 ng/ml



#43 AR-1268-3

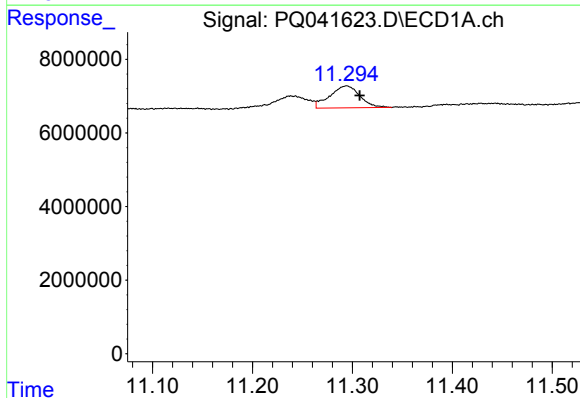
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



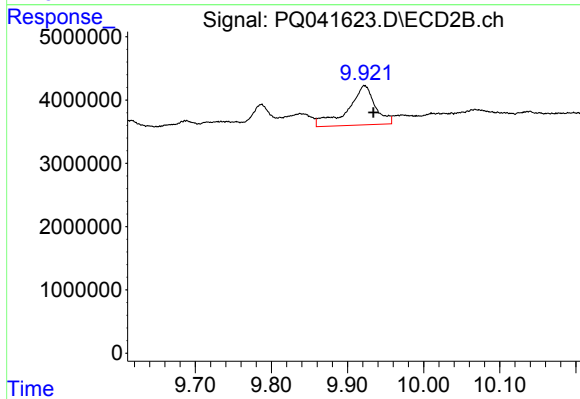
#43 AR-1268-3

R.T.: 9.616 min
Delta R.T.: -0.008 min
Response: 6495315
Conc: 8.14 ng/ml



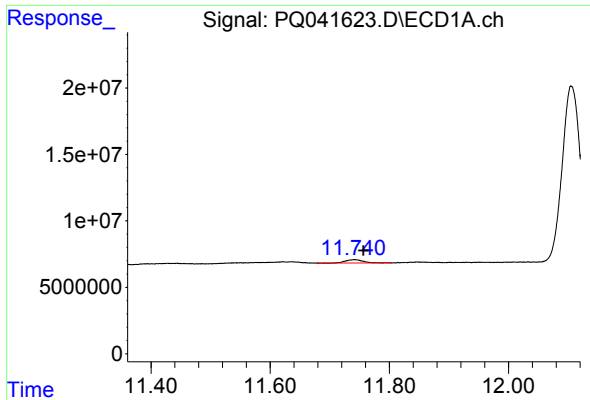
#44 AR-1268-4

R.T.: 11.294 min
Delta R.T.: -0.013 min
Response: 12422934
Conc: 21.89 ng/ml



#44 AR-1268-4

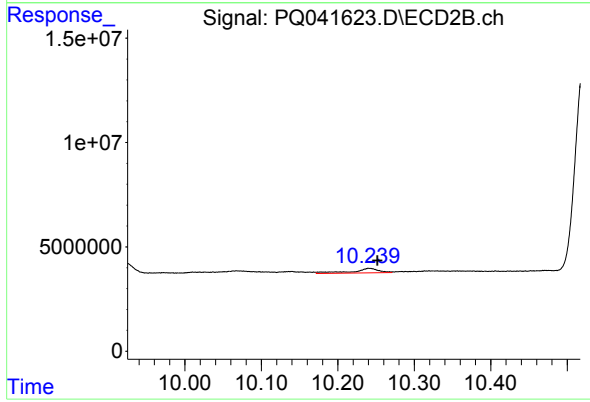
R.T.: 9.922 min
Delta R.T.: -0.011 min
Response: 15462301
Conc: 50.39 ng/ml



#45 AR-1268-5

R.T.: 11.742 min
Delta R.T.: -0.015 min
Response: 5162725
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.241 min
Delta R.T.: -0.011 min
Response: 5311638
Conc: 2.69 ng/ml