

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 11:34
 Operator : SM\AJ
 Sample : K3981-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:42:38 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...	5.702	4.758	61536162	51883673	16.075	17.260
2)	SA Decachlor...	12.105	10.520	308.1E6	154.3E6	29.787	33.864
Target Compounds							
3)	L1 AR-1016-1	7.148	6.213	2502634	2377151	14.339	16.247
4)	L1 AR-1016-2	7.174	6.235	6019230	4556316	22.824	21.890
5)	L1 AR-1016-3	0.000	6.449	0	2489738	N.D.	22.051 #
6)	L1 AR-1016-4	0.000	6.504	0	14001872	N.D.	153.588 #
7)	L1 AR-1016-5	7.691	6.756	11854547	12419551	89.085	103.341
10)	L2 AR-1221-3	0.000	5.288	0	1710567	N.D.	16.146 #
11)	L3 AR-1232-1	0.000	5.288	0	1710567	N.D.	22.548 #
12)	L3 AR-1232-2	0.000	6.235	0	4556316	N.D.	48.772 #
13)	L3 AR-1232-3	7.174	6.449	6019230	2489738	53.182	51.726
14)	L3 AR-1232-4	0.000	6.552	0	11381196	N.D.	263.975 #
15)	L3 AR-1232-5	7.462	6.756	14766459	12419551	400.122	256.753 #
16)	L4 AR-1242-1	7.148	6.213	2502634	2377151	19.980	22.524
17)	L4 AR-1242-2	7.174	6.235	6019230	4556316	31.608	29.383
18)	L4 AR-1242-3	0.000	6.449	0	2489738	N.D.	29.834 #
19)	L4 AR-1242-4	0.000	6.552	0	11381196	N.D.	139.732 #
20)	L4 AR-1242-5	8.179	7.165	28744575	38104099	216.815	305.249 #
21)	L5 AR-1248-1	7.148	6.213	2502634	2377151	26.980	29.597
22)	L5 AR-1248-2	7.462	6.504	14766459	14001872	119.996	125.000
23)	L5 AR-1248-3	7.691	6.552	11854547	11381196	75.490	98.600 #
24)	L5 AR-1248-4	8.140	6.756	46788043	12419551	216.602	85.797 #
25)	L5 AR-1248-5	8.179	7.212	28744575	25261730	134.977	150.116
26)	L6 AR-1254-1	8.107	7.165	25542724	38104099	126.011	149.836
27)	L6 AR-1254-2	8.347	7.333	56727138	24268024	164.239	106.072 #
28)	L6 AR-1254-3	8.739	7.780	71338303	72139362	172.155	177.732
29)	L6 AR-1254-4	9.041	8.029	38798931	35637722	107.201	130.450
30)	L6 AR-1254-5	9.500	8.475	100.4E6	76424205	250.002	191.408
31)	L7 AR-1260-1	8.912	7.922	14070470	31162393	46.574	117.172 #
32)	L7 AR-1260-2	9.177	8.124	97169895	19782770	211.991	54.521 #
33)	L7 AR-1260-3	9.556	8.289	16856686	17438446	39.701	55.533 #
34)	L7 AR-1260-4	9.829	8.787	6591565	10763497	15.659	37.809 #
35)	L7 AR-1260-5	10.148	9.038	31815498	38828511	29.774	52.218 #
36)	L8 AR-1262-1	9.619	8.569	6422661	13630702	26.160	70.868 #
37)	L8 AR-1262-2	10.148	9.038	31815498	38828511	26.198	46.216 #
38)	L8 AR-1262-3	10.504	9.333	28756181	7494305	34.505	21.308 #
39)	L8 AR-1262-4	10.562	9.399	12994082	21236508	19.946	36.134 #
40)	L8 AR-1262-5	11.295	9.923	7241661	7216434	15.842	30.074 #
41)	L9 AR-1268-1	10.504	9.333	28756181	7494305	15.935	6.559 #
42)	L9 AR-1268-2	10.562	9.399	12994082	21236508	8.143	21.854 #
43)	L9 AR-1268-3	0.000	9.613	0	4106908	N.D.	5.145 #

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Integration File signal 1: autoint1.e
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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	11.295	9.923	7241661	7216434	12.757	23.516 #
45) L9	AR-1268-5	11.740	0.000	5127669	0	1.184	N.D. #

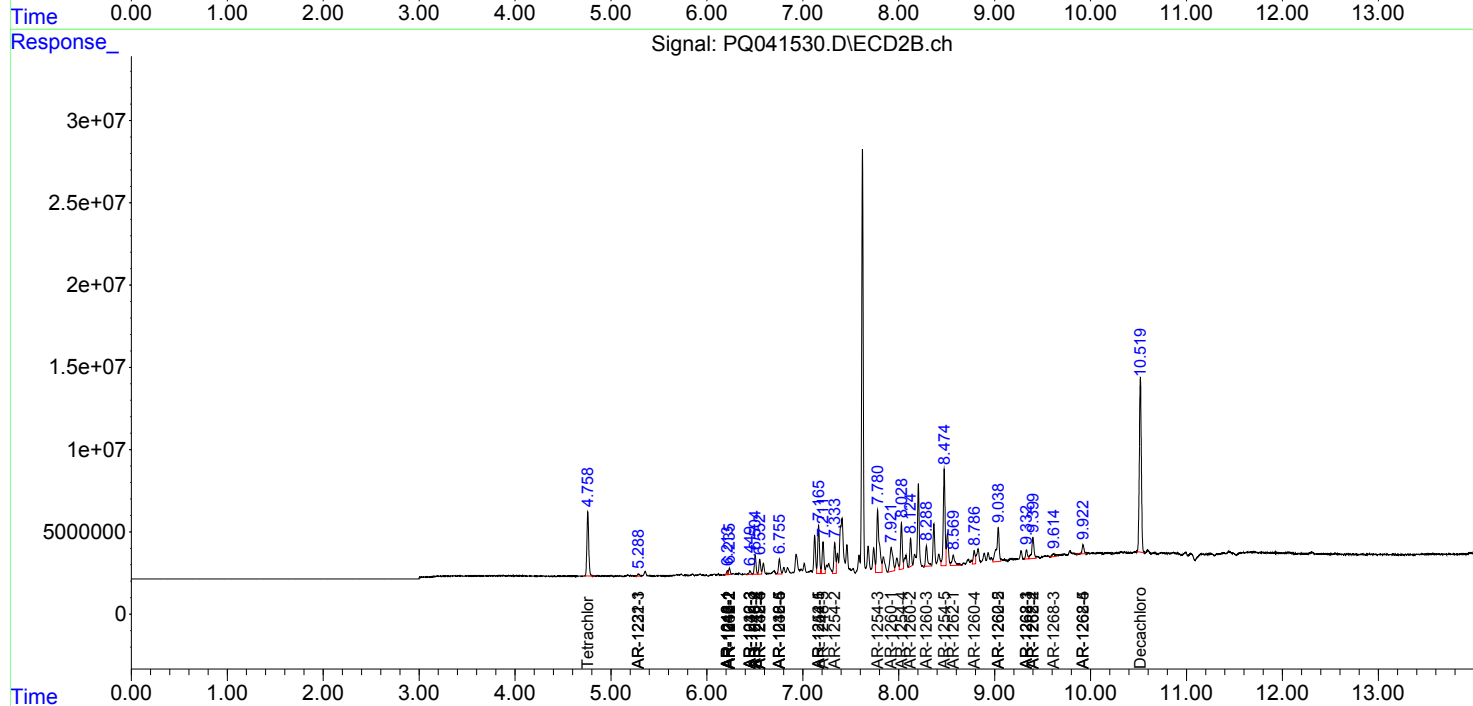
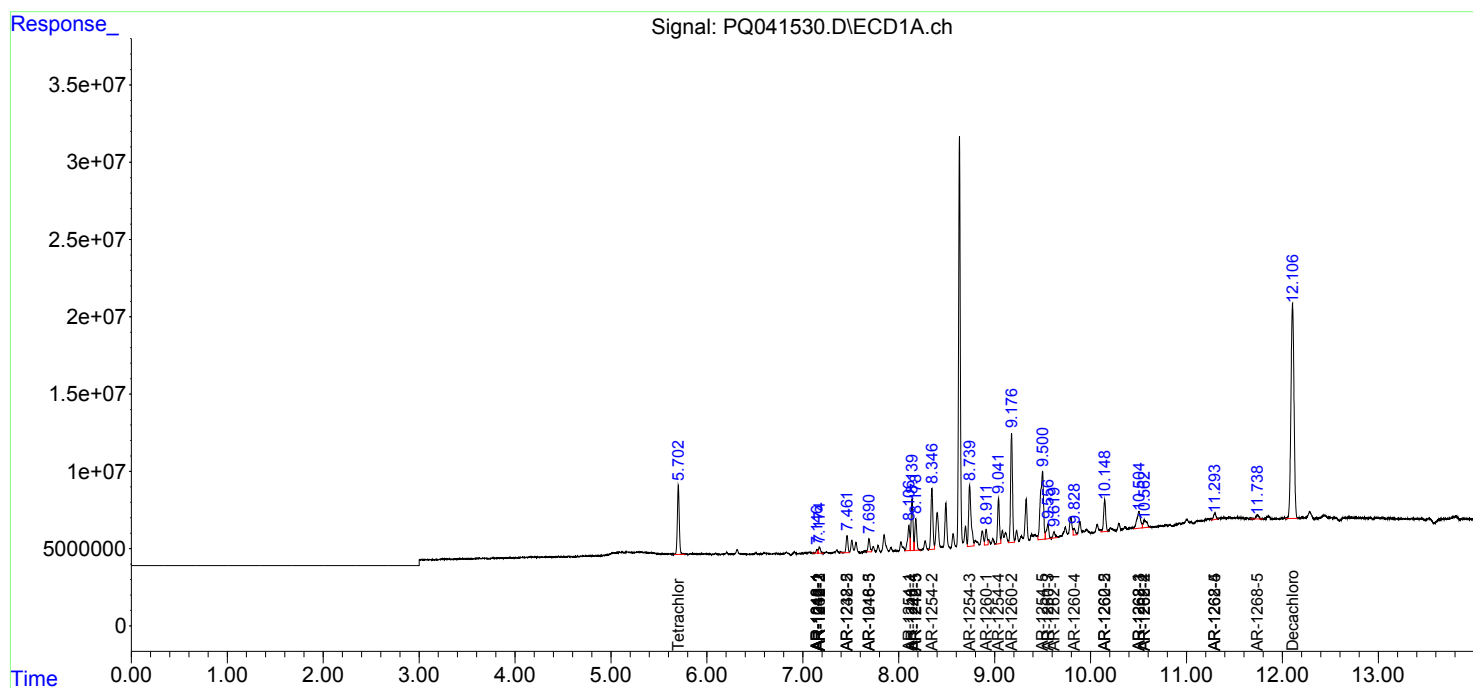
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

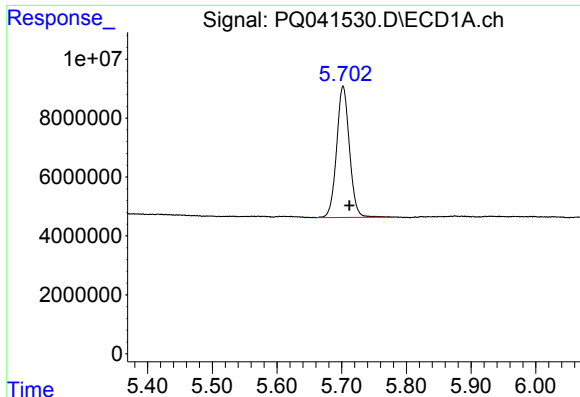
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

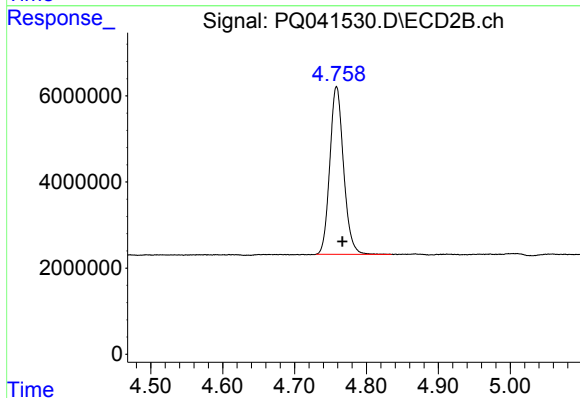




#1 Tetrachloro-m-xylene

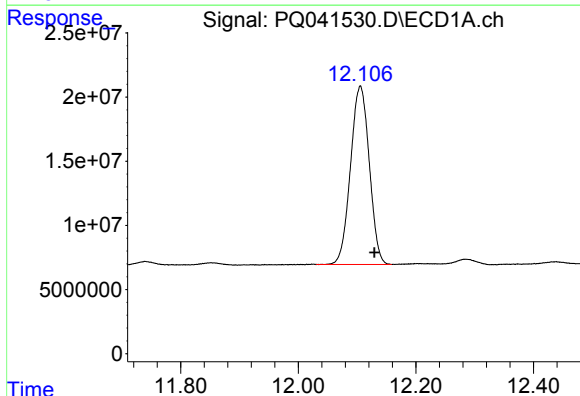
R.T.: 5.702 min
Delta R.T.: -0.010 min
Response: 61536162
Conc: 16.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



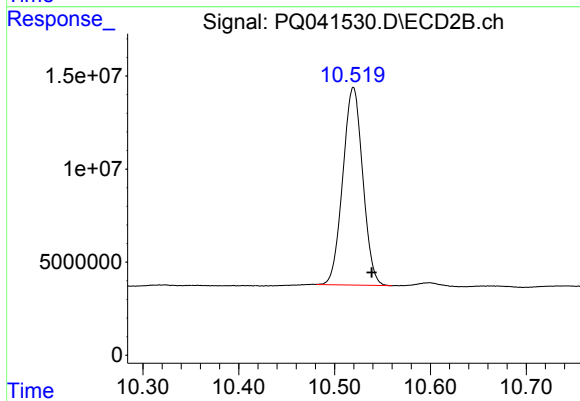
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: -0.008 min
Response: 51883673
Conc: 17.26 ng/ml



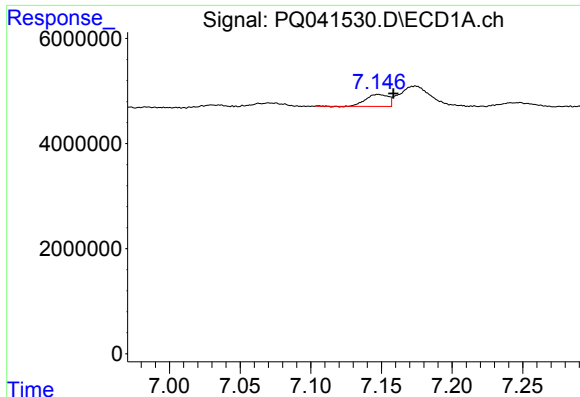
#2 Decachlorobiphenyl

R.T.: 12.105 min
Delta R.T.: -0.024 min
Response: 308112527
Conc: 29.79 ng/ml



#2 Decachlorobiphenyl

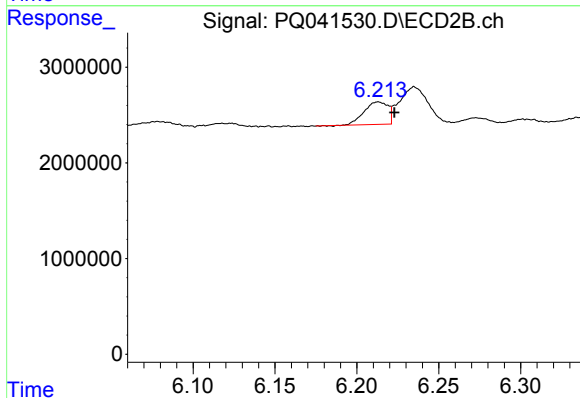
R.T.: 10.520 min
Delta R.T.: -0.019 min
Response: 154309796
Conc: 33.86 ng/ml



#3 AR-1016-1

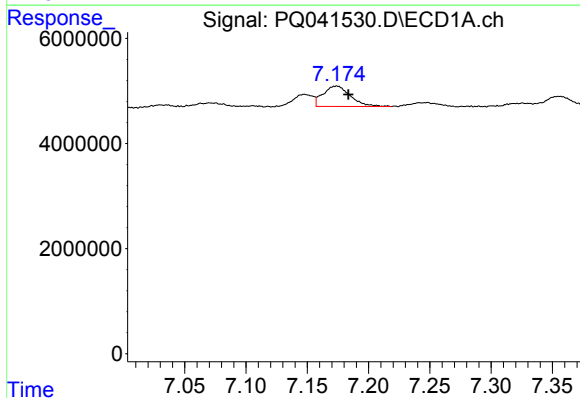
R.T.: 7.148 min
Delta R.T.: -0.011 min
Response: 2502634
Conc: 14.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



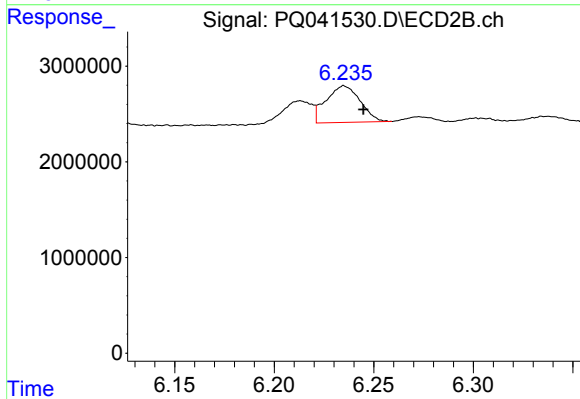
#3 AR-1016-1

R.T.: 6.213 min
Delta R.T.: -0.010 min
Response: 2377151
Conc: 16.25 ng/ml



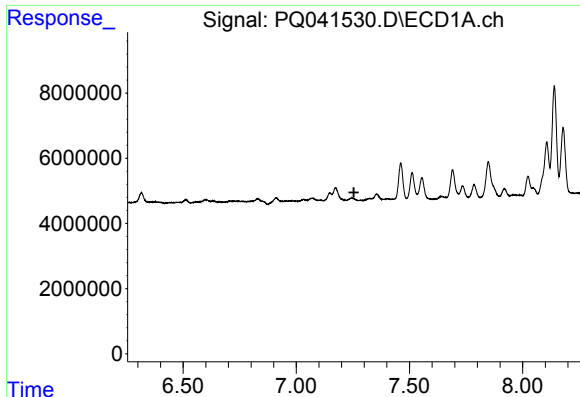
#4 AR-1016-2

R.T.: 7.174 min
Delta R.T.: -0.010 min
Response: 6019230
Conc: 22.82 ng/ml



#4 AR-1016-2

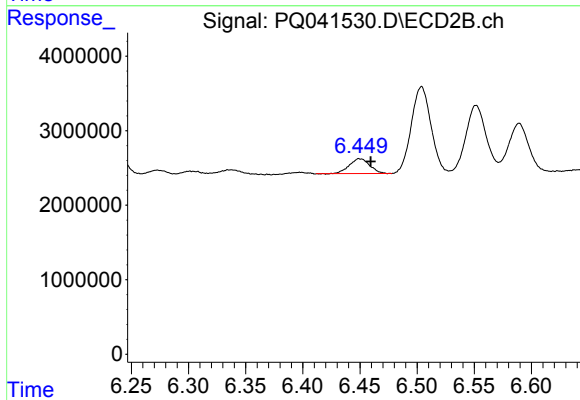
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 4556316
Conc: 21.89 ng/ml



#5 AR-1016-3

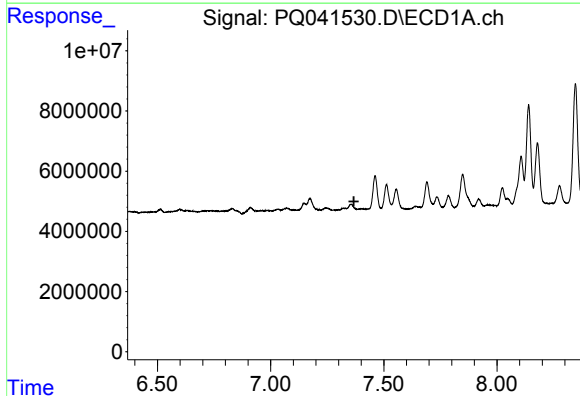
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



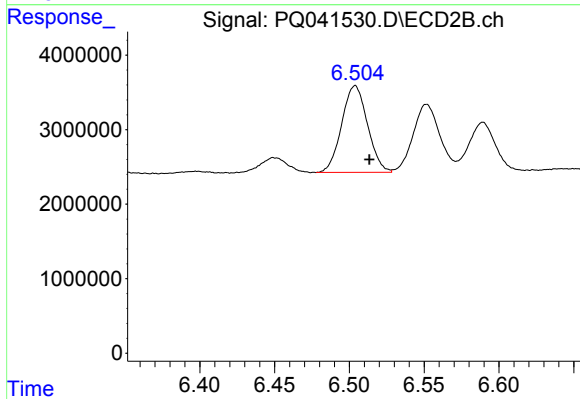
#5 AR-1016-3

R.T.: 6.449 min
Delta R.T.: -0.010 min
Response: 2489738
Conc: 22.05 ng/ml



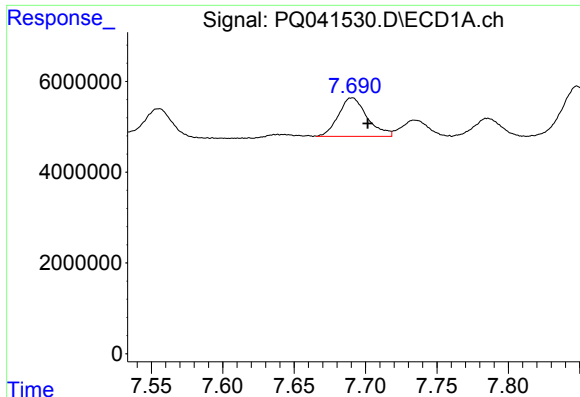
#6 AR-1016-4

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



#6 AR-1016-4

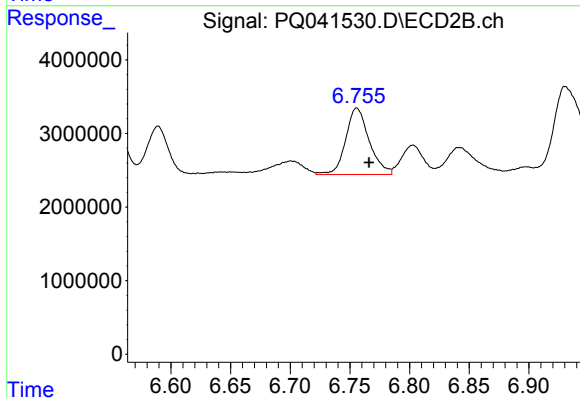
R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 14001872
Conc: 153.59 ng/ml



#7 AR-1016-5

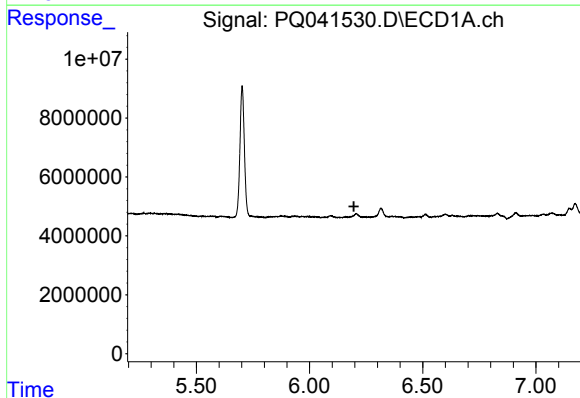
R.T.: 7.691 min
Delta R.T.: -0.011 min
Response: 11854547
Conc: 89.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



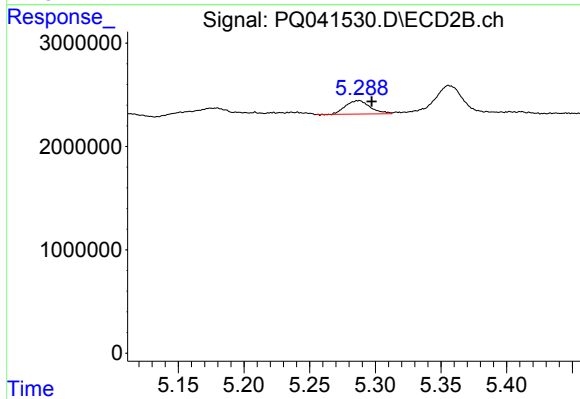
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 12419551
Conc: 103.34 ng/ml



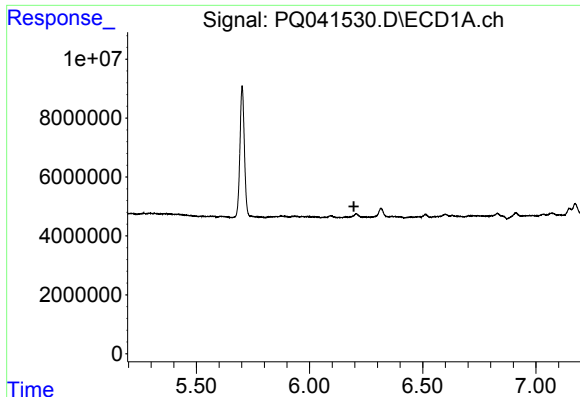
#10 AR-1221-3

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



#10 AR-1221-3

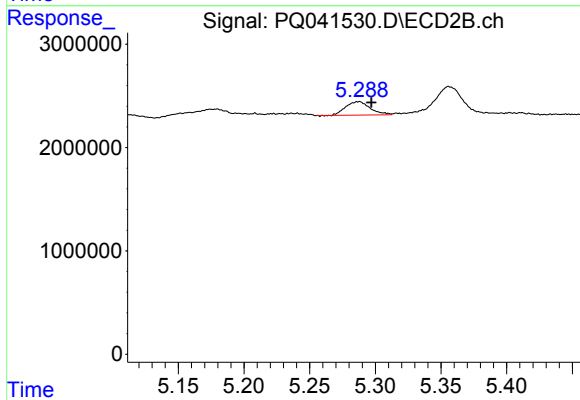
R.T.: 5.288 min
Delta R.T.: -0.009 min
Response: 1710567
Conc: 16.15 ng/ml



#11 AR-1232-1

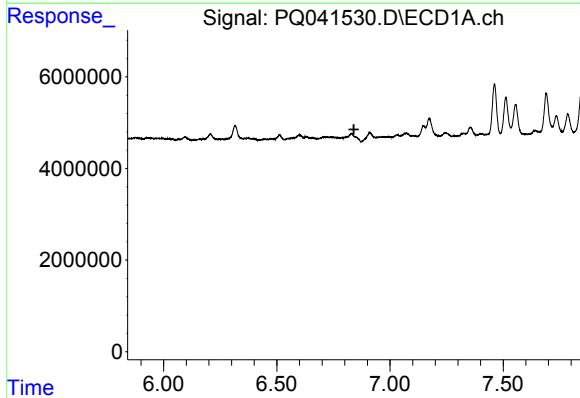
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



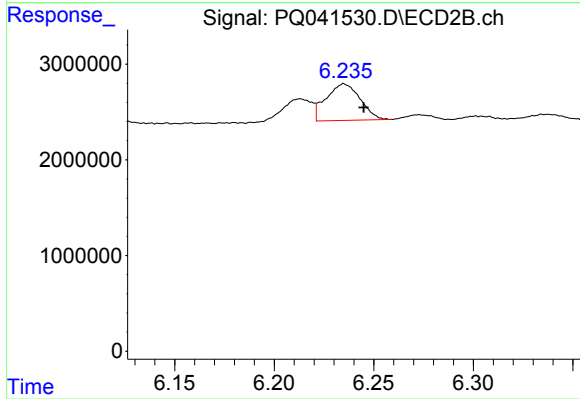
#11 AR-1232-1

R.T.: 5.288 min
Delta R.T.: -0.009 min
Response: 1710567
Conc: 22.55 ng/ml



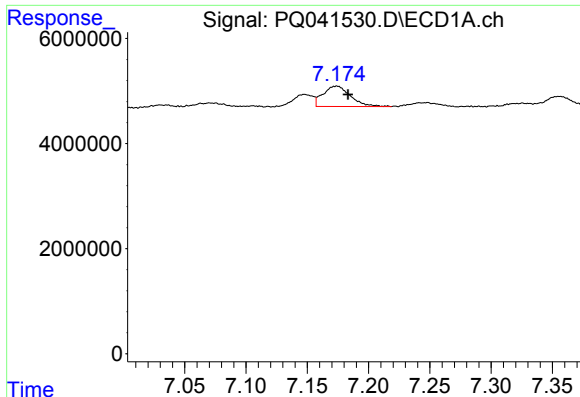
#12 AR-1232-2

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



#12 AR-1232-2

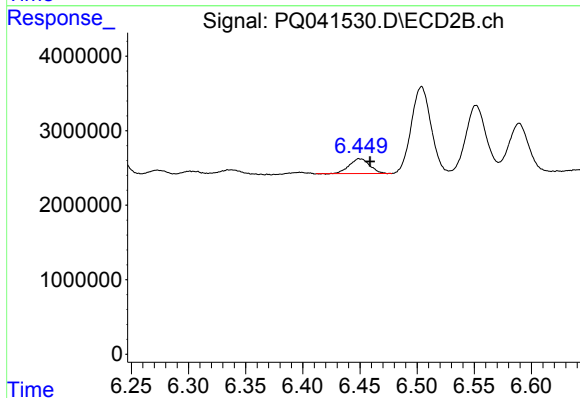
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 4556316
Conc: 48.77 ng/ml



#13 AR-1232-3

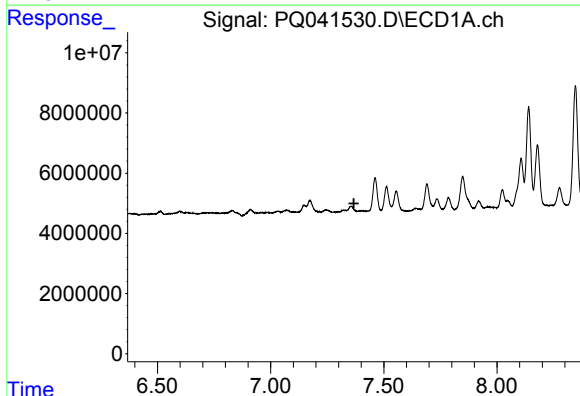
R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 6019230
Conc: 53.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



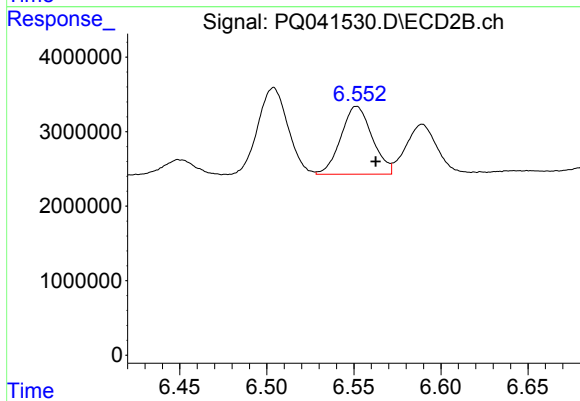
#13 AR-1232-3

R.T.: 6.449 min
Delta R.T.: -0.010 min
Response: 2489738
Conc: 51.73 ng/ml



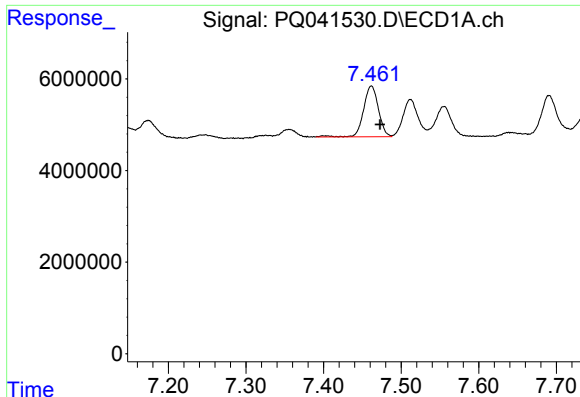
#14 AR-1232-4

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



#14 AR-1232-4

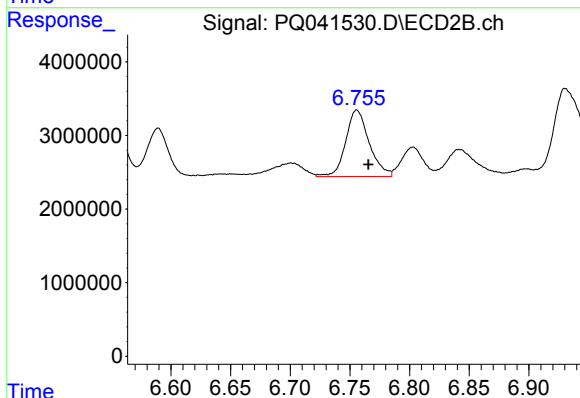
R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 11381196
Conc: 263.97 ng/ml



#15 AR-1232-5

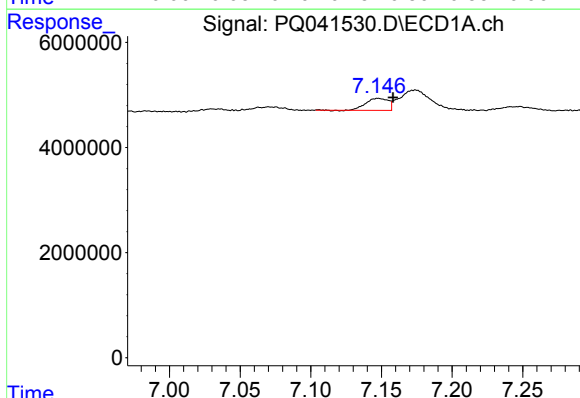
R.T.: 7.462 min
Delta R.T.: -0.011 min
Response: 14766459
Conc: 400.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



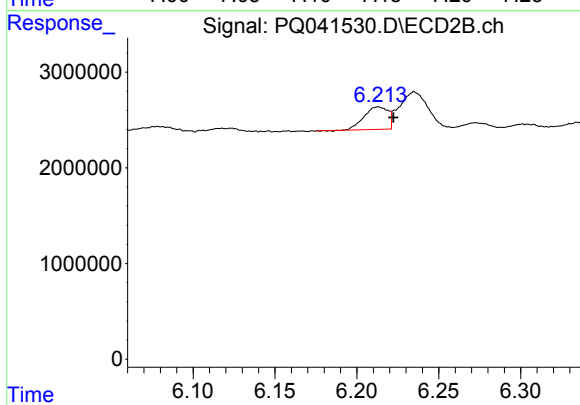
#15 AR-1232-5

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 12419551
Conc: 256.75 ng/ml



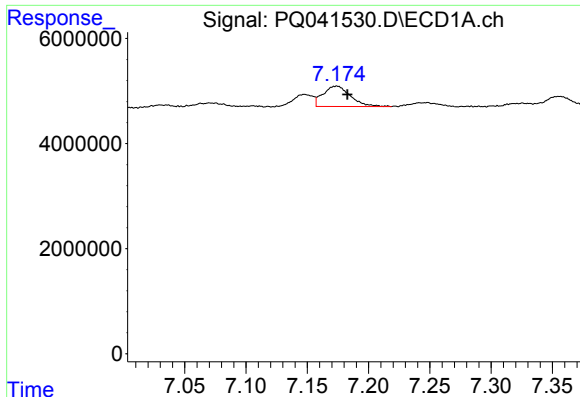
#16 AR-1242-1

R.T.: 7.148 min
Delta R.T.: -0.010 min
Response: 2502634
Conc: 19.98 ng/ml



#16 AR-1242-1

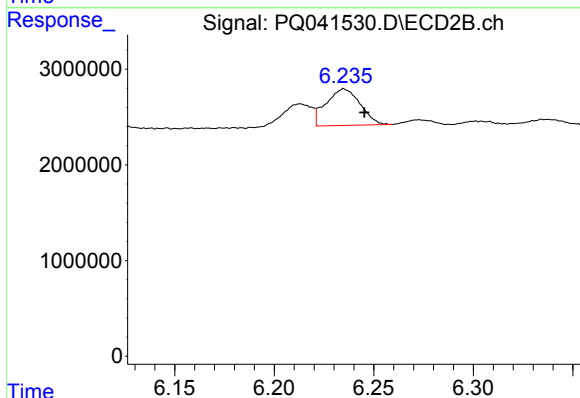
R.T.: 6.213 min
Delta R.T.: -0.009 min
Response: 2377151
Conc: 22.52 ng/ml



#17 AR-1242-2

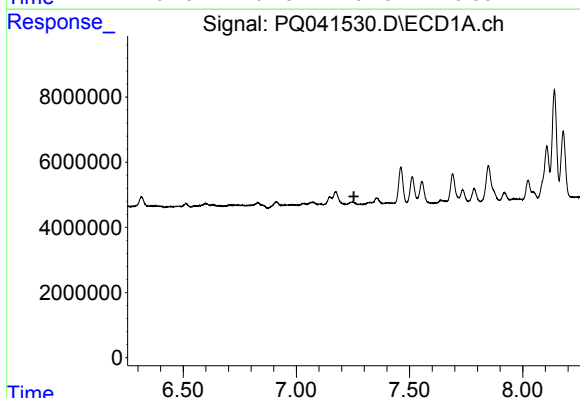
R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 6019230
Conc: 31.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



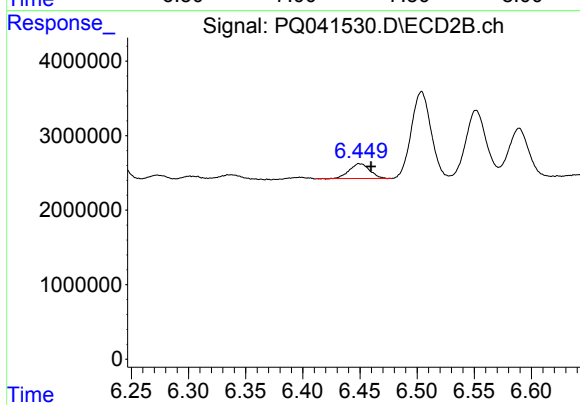
#17 AR-1242-2

R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 4556316
Conc: 29.38 ng/ml



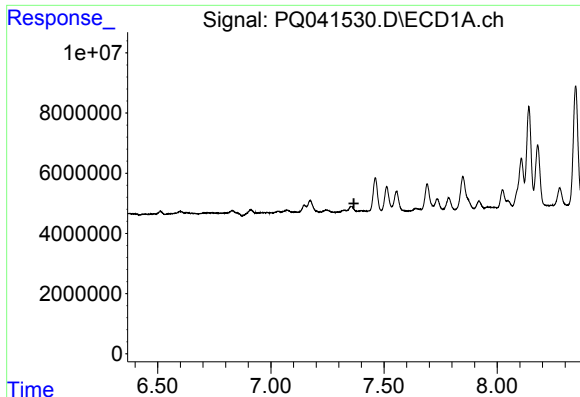
#18 AR-1242-3

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



#18 AR-1242-3

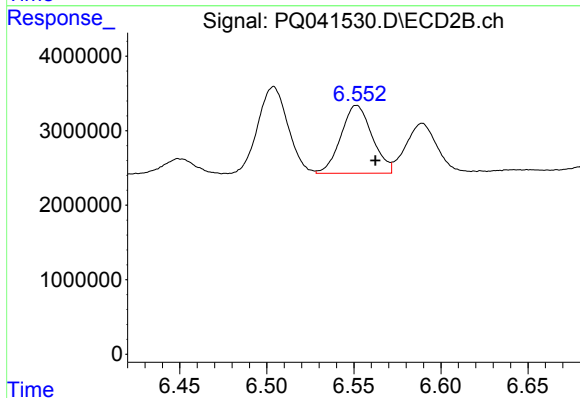
R.T.: 6.449 min
Delta R.T.: -0.011 min
Response: 2489738
Conc: 29.83 ng/ml



#19 AR-1242-4

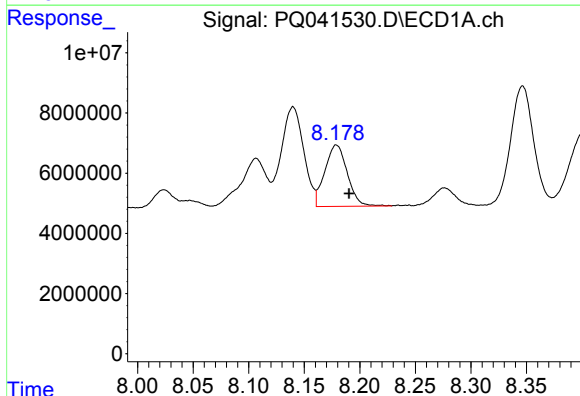
R.T.: 0.000 min
Exp R.T.: 7.367 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



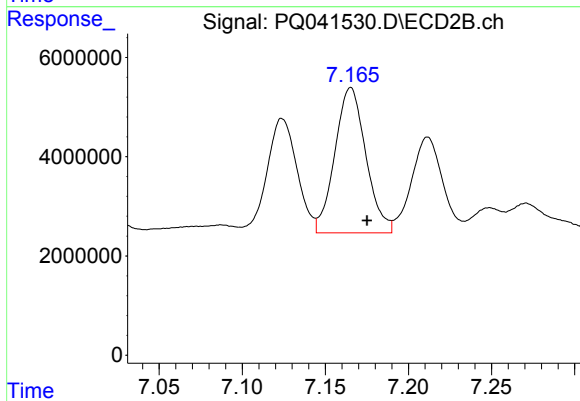
#19 AR-1242-4

R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 11381196
Conc: 139.73 ng/ml



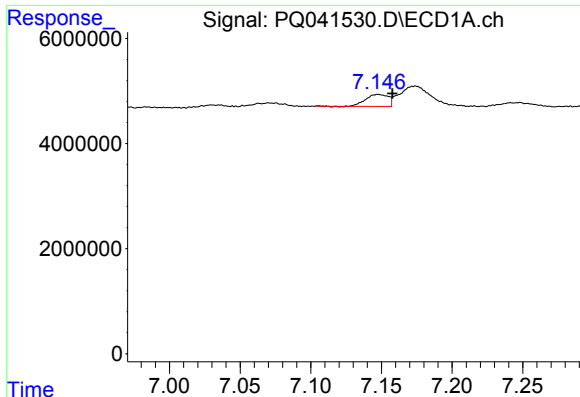
#20 AR-1242-5

R.T.: 8.179 min
Delta R.T.: -0.011 min
Response: 28744575
Conc: 216.81 ng/ml



#20 AR-1242-5

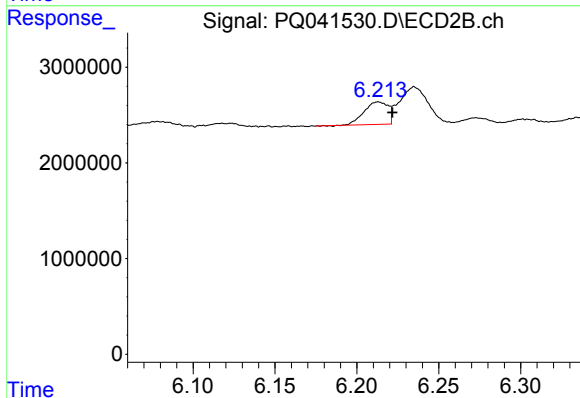
R.T.: 7.165 min
Delta R.T.: -0.010 min
Response: 38104099
Conc: 305.25 ng/ml



#21 AR-1248-1

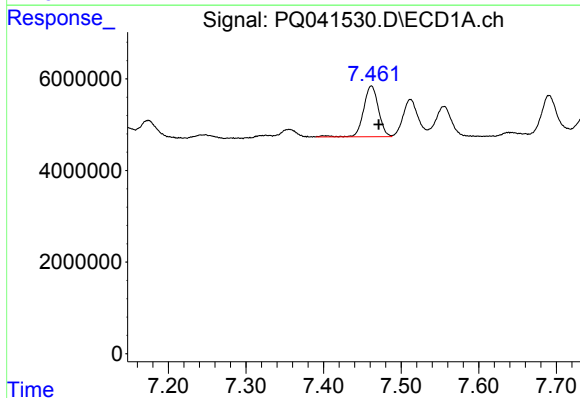
R.T.: 7.148 min
Delta R.T.: -0.010 min
Response: 2502634
Conc: 26.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



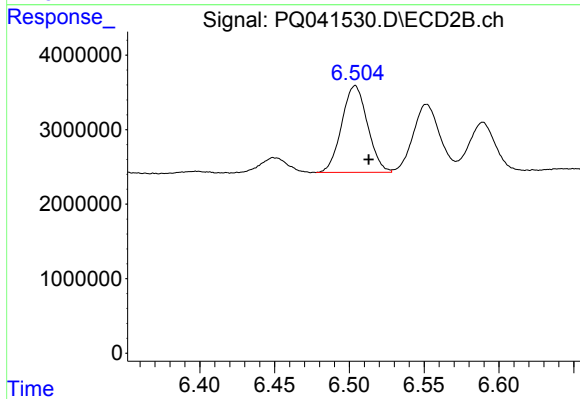
#21 AR-1248-1

R.T.: 6.213 min
Delta R.T.: -0.009 min
Response: 2377151
Conc: 29.60 ng/ml



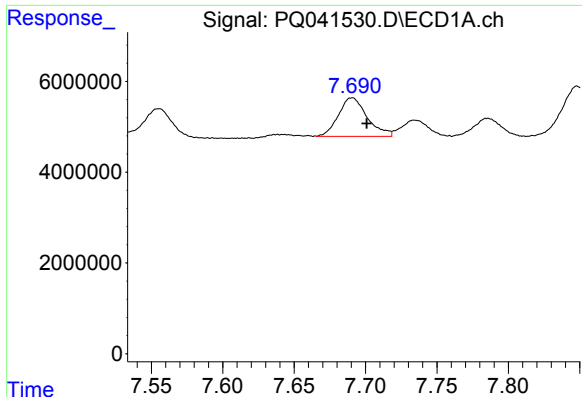
#22 AR-1248-2

R.T.: 7.462 min
Delta R.T.: -0.010 min
Response: 14766459
Conc: 120.00 ng/ml



#22 AR-1248-2

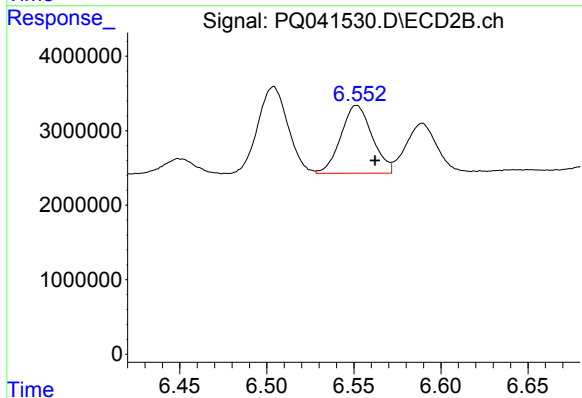
R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 14001872
Conc: 125.00 ng/ml



#23 AR-1248-3

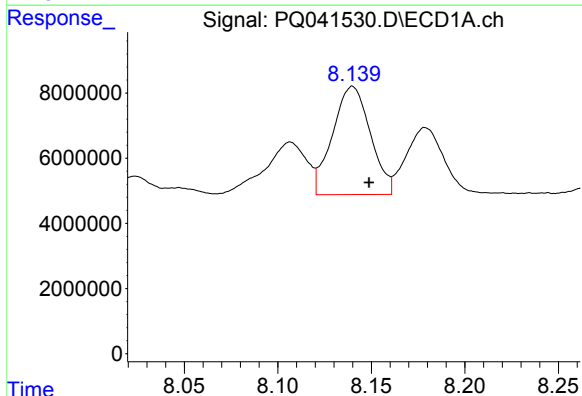
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 11854547
Conc: 75.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



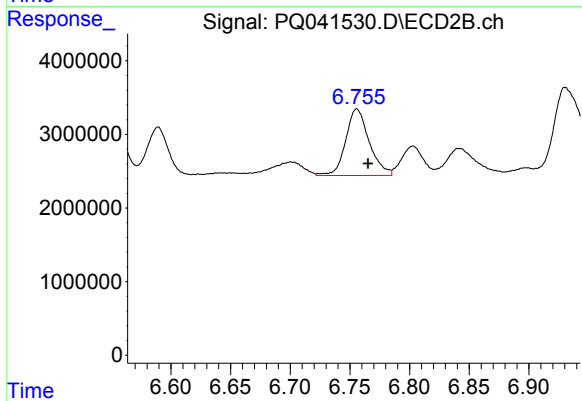
#23 AR-1248-3

R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 11381196
Conc: 98.60 ng/ml



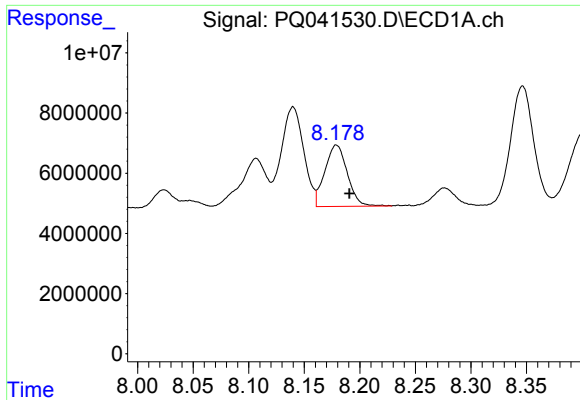
#24 AR-1248-4

R.T.: 8.140 min
Delta R.T.: -0.009 min
Response: 46788043
Conc: 216.60 ng/ml



#24 AR-1248-4

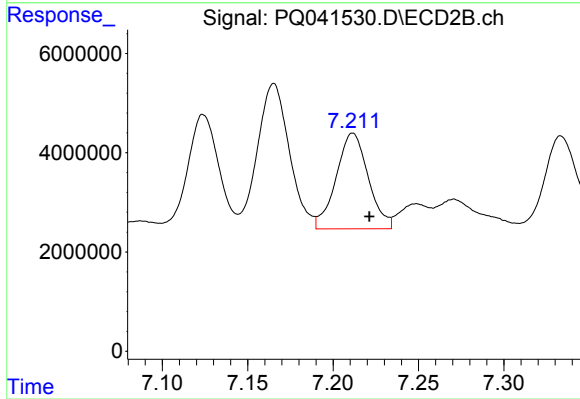
R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 12419551
Conc: 85.80 ng/ml



#25 AR-1248-5

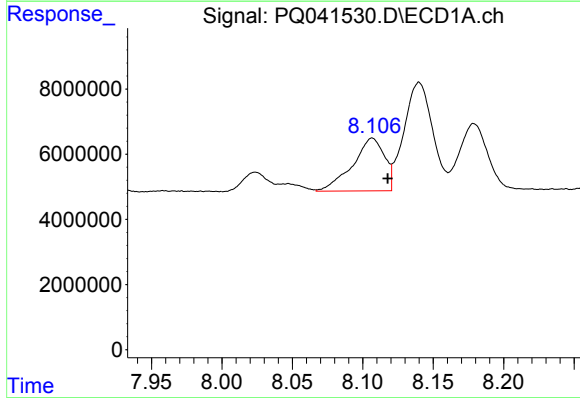
R.T.: 8.179 min
Delta R.T.: -0.012 min
Response: 28744575
Conc: 134.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



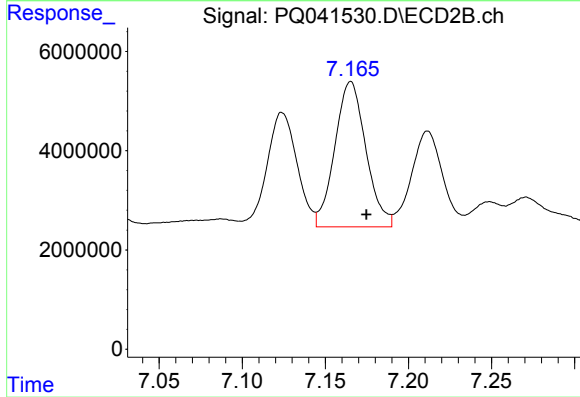
#25 AR-1248-5

R.T.: 7.212 min
Delta R.T.: -0.010 min
Response: 25261730
Conc: 150.12 ng/ml



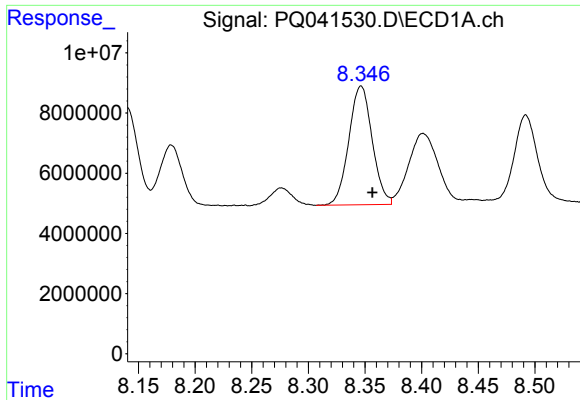
#26 AR-1254-1

R.T.: 8.107 min
Delta R.T.: -0.011 min
Response: 25542724
Conc: 126.01 ng/ml



#26 AR-1254-1

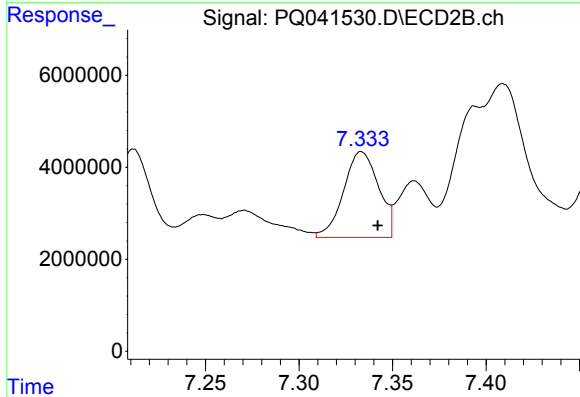
R.T.: 7.165 min
Delta R.T.: -0.010 min
Response: 38104099
Conc: 149.84 ng/ml



#27 AR-1254-2

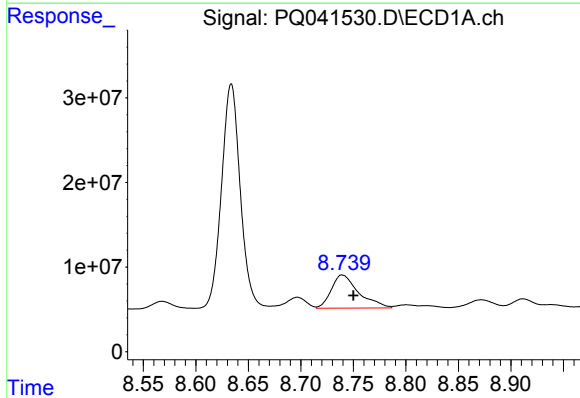
R.T.: 8.347 min
Delta R.T.: -0.010 min
Response: 56727138
Conc: 164.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



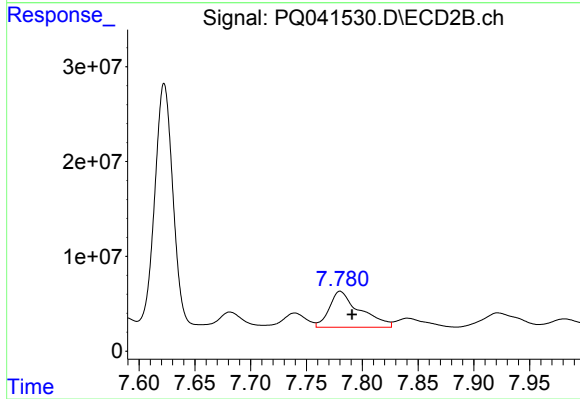
#27 AR-1254-2

R.T.: 7.333 min
Delta R.T.: -0.009 min
Response: 24268024
Conc: 106.07 ng/ml



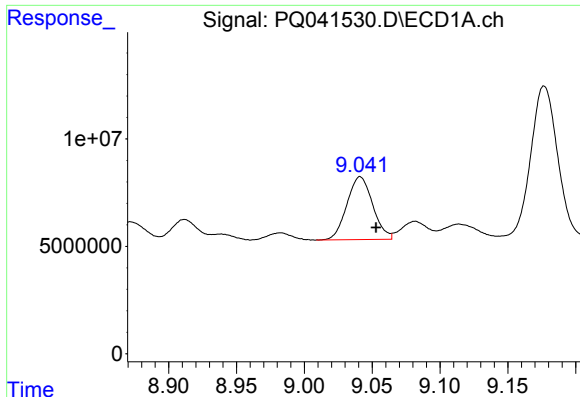
#28 AR-1254-3

R.T.: 8.739 min
Delta R.T.: -0.011 min
Response: 71338303
Conc: 172.15 ng/ml



#28 AR-1254-3

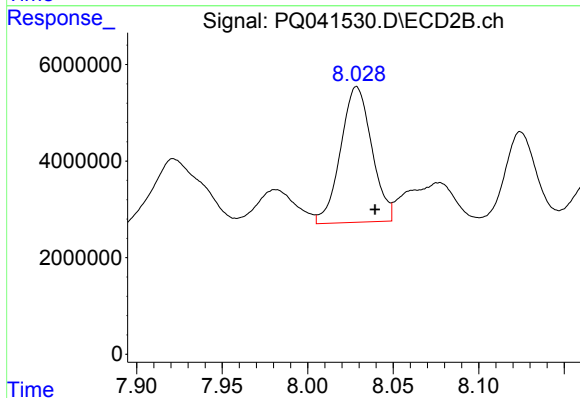
R.T.: 7.780 min
Delta R.T.: -0.011 min
Response: 72139362
Conc: 177.73 ng/ml



#29 AR-1254-4

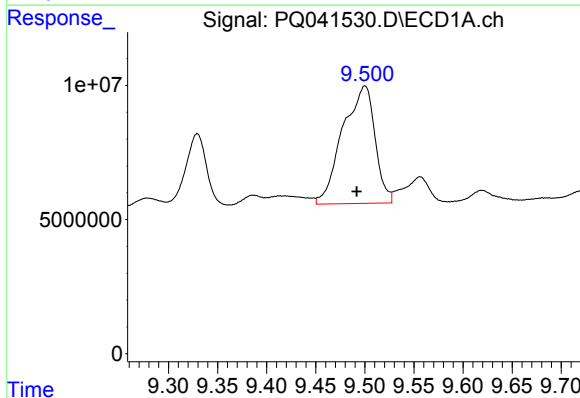
R.T.: 9.041 min
Delta R.T.: -0.012 min
Response: 38798931
Conc: 107.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



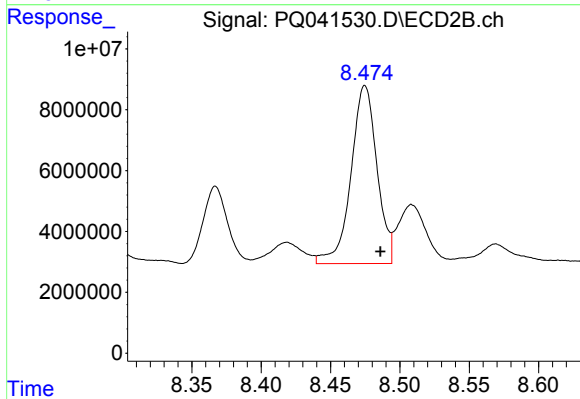
#29 AR-1254-4

R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 35637722
Conc: 130.45 ng/ml



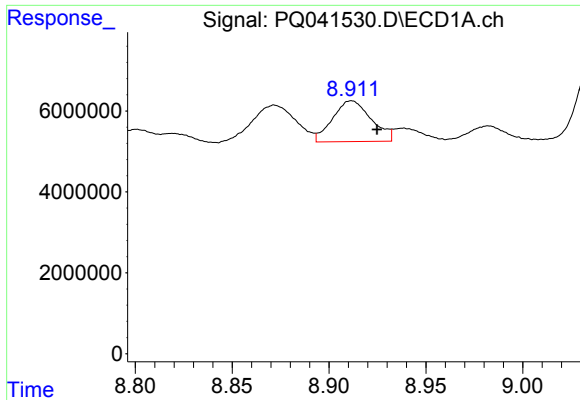
#30 AR-1254-5

R.T.: 9.500 min
Delta R.T.: 0.008 min
Response: 100383318
Conc: 250.00 ng/ml



#30 AR-1254-5

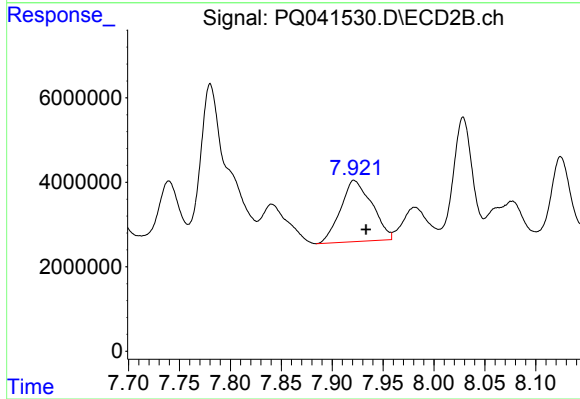
R.T.: 8.475 min
Delta R.T.: -0.011 min
Response: 76424205
Conc: 191.41 ng/ml



#31 AR-1260-1

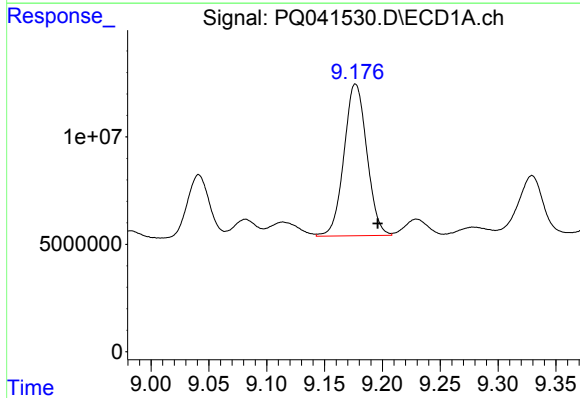
R.T.: 8.912 min
Delta R.T.: -0.013 min
Response: 14070470
Conc: 46.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



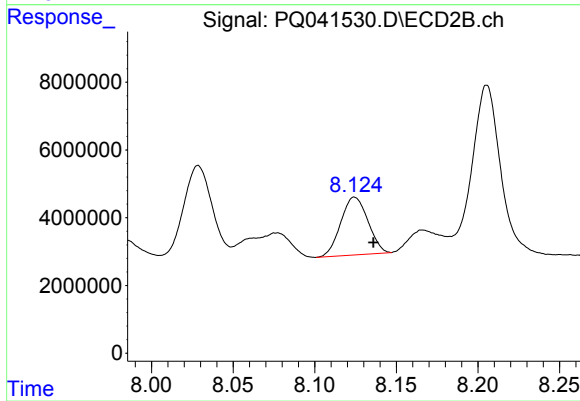
#31 AR-1260-1

R.T.: 7.922 min
Delta R.T.: -0.012 min
Response: 31162393
Conc: 117.17 ng/ml



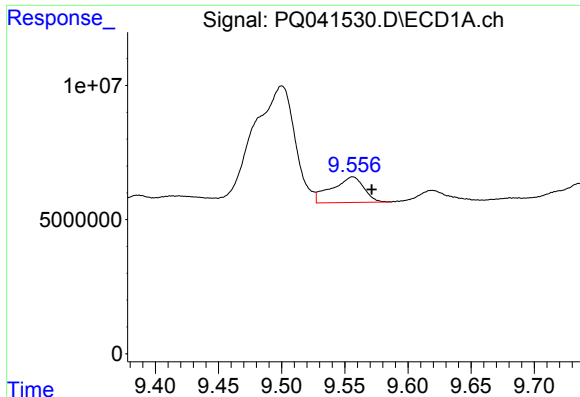
#32 AR-1260-2

R.T.: 9.177 min
Delta R.T.: -0.019 min
Response: 97169895
Conc: 211.99 ng/ml



#32 AR-1260-2

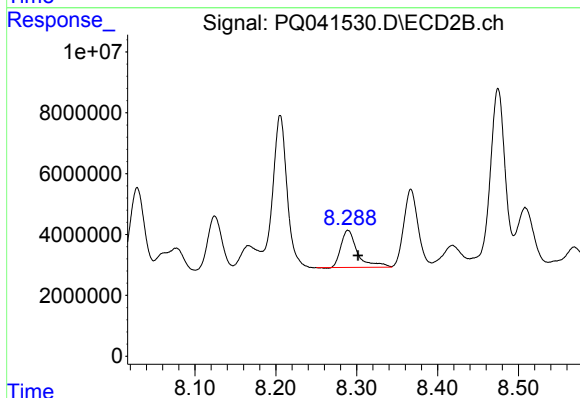
R.T.: 8.124 min
Delta R.T.: -0.012 min
Response: 19782770
Conc: 54.52 ng/ml



#33 AR-1260-3

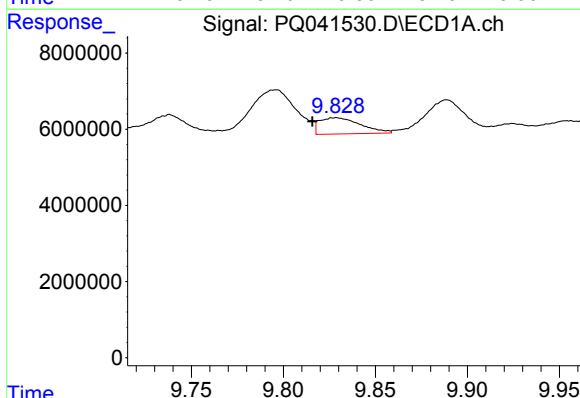
R.T.: 9.556 min
Delta R.T.: -0.015 min
Response: 16856686
Conc: 39.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



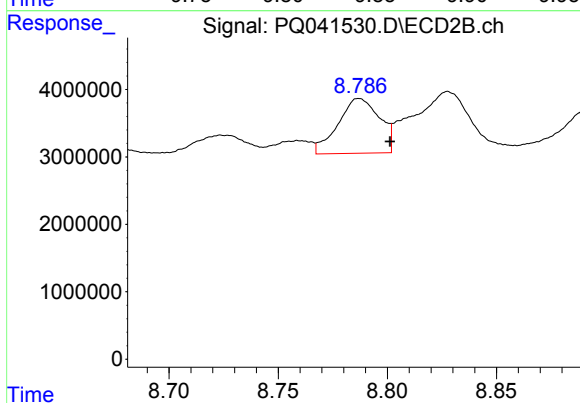
#33 AR-1260-3

R.T.: 8.289 min
Delta R.T.: -0.012 min
Response: 17438446
Conc: 55.53 ng/ml



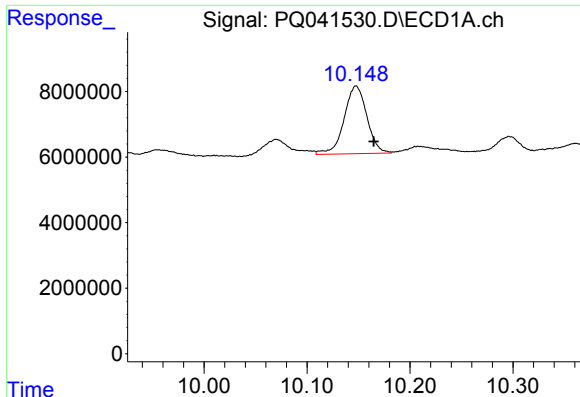
#34 AR-1260-4

R.T.: 9.829 min
Delta R.T.: 0.013 min
Response: 6591565
Conc: 15.66 ng/ml



#34 AR-1260-4

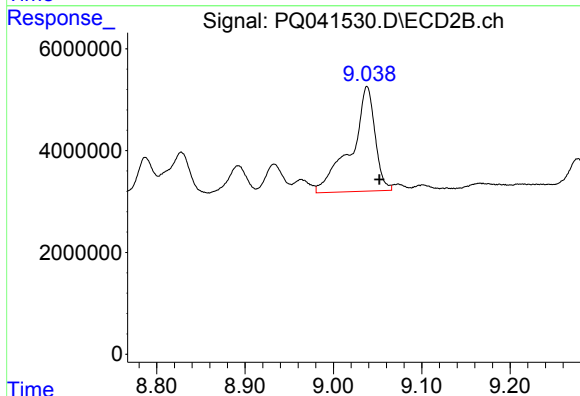
R.T.: 8.787 min
Delta R.T.: -0.014 min
Response: 10763497
Conc: 37.81 ng/ml



#35 AR-1260-5

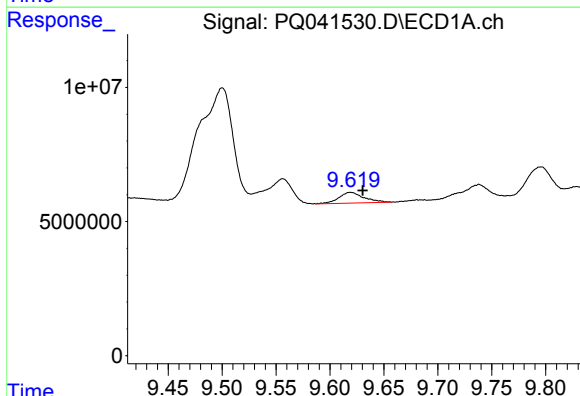
R.T.: 10.148 min
Delta R.T.: -0.017 min
Response: 31815498
Conc: 29.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



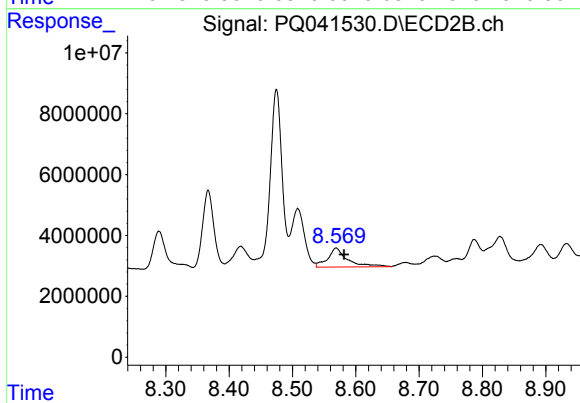
#35 AR-1260-5

R.T.: 9.038 min
Delta R.T.: -0.014 min
Response: 38828511
Conc: 52.22 ng/ml



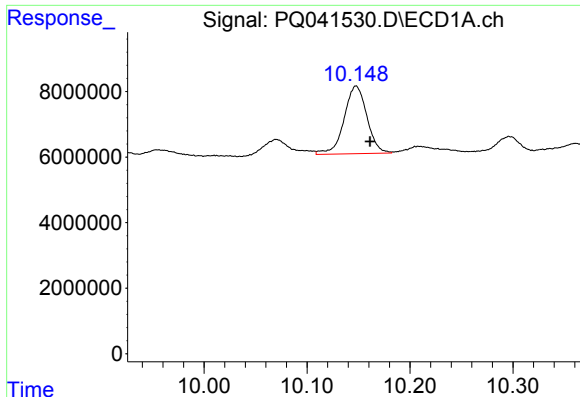
#36 AR-1262-1

R.T.: 9.619 min
Delta R.T.: -0.011 min
Response: 6422661
Conc: 26.16 ng/ml



#36 AR-1262-1

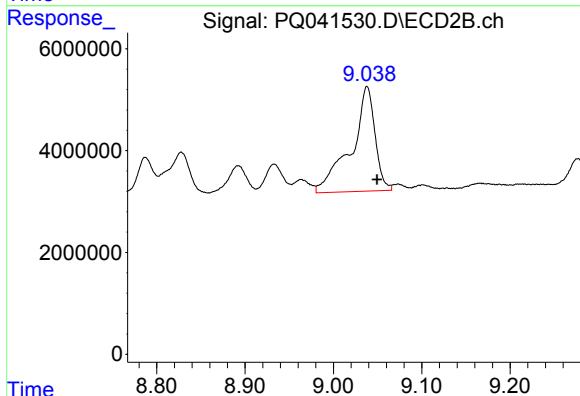
R.T.: 8.569 min
Delta R.T.: -0.013 min
Response: 13630702
Conc: 70.87 ng/ml



#37 AR-1262-2

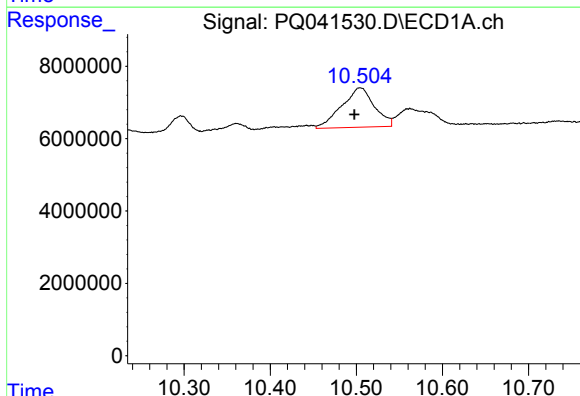
R.T.: 10.148 min
Delta R.T.: -0.014 min
Response: 31815498
Conc: 26.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



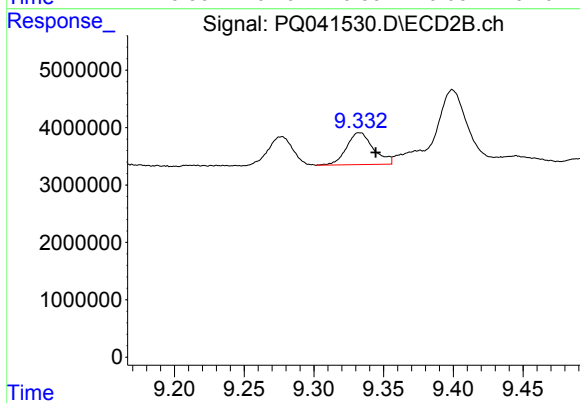
#37 AR-1262-2

R.T.: 9.038 min
Delta R.T.: -0.012 min
Response: 38828511
Conc: 46.22 ng/ml



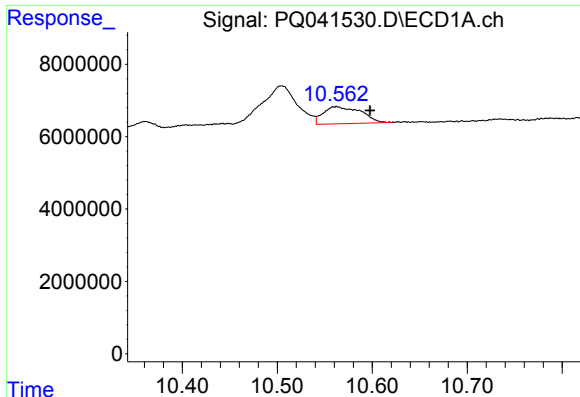
#38 AR-1262-3

R.T.: 10.504 min
Delta R.T.: 0.007 min
Response: 28756181
Conc: 34.51 ng/ml



#38 AR-1262-3

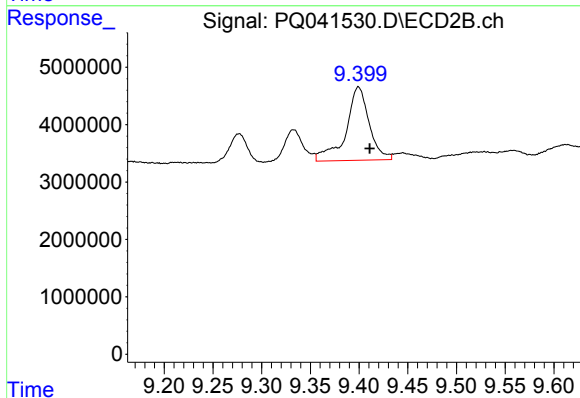
R.T.: 9.333 min
Delta R.T.: -0.012 min
Response: 7494305
Conc: 21.31 ng/ml



#39 AR-1262-4

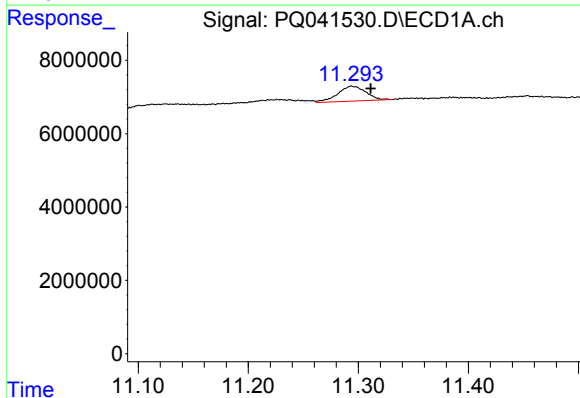
R.T.: 10.562 min
Delta R.T.: -0.036 min
Response: 12994082
Conc: 19.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



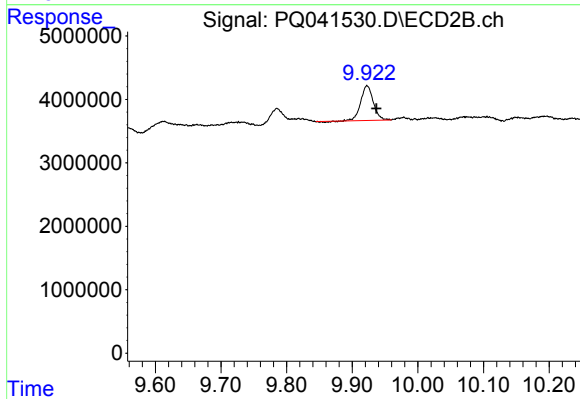
#39 AR-1262-4

R.T.: 9.399 min
Delta R.T.: -0.012 min
Response: 21236508
Conc: 36.13 ng/ml



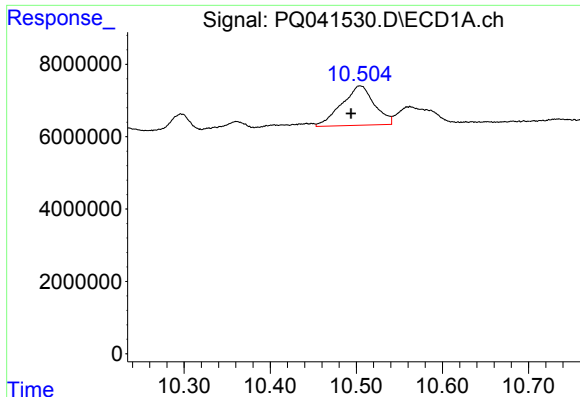
#40 AR-1262-5

R.T.: 11.295 min
Delta R.T.: -0.017 min
Response: 7241661
Conc: 15.84 ng/ml



#40 AR-1262-5

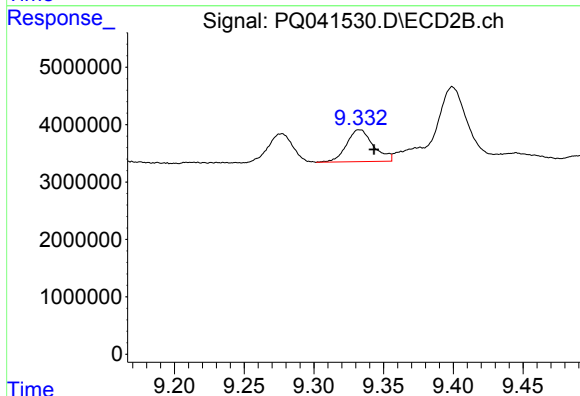
R.T.: 9.923 min
Delta R.T.: -0.014 min
Response: 7216434
Conc: 30.07 ng/ml



#41 AR-1268-1

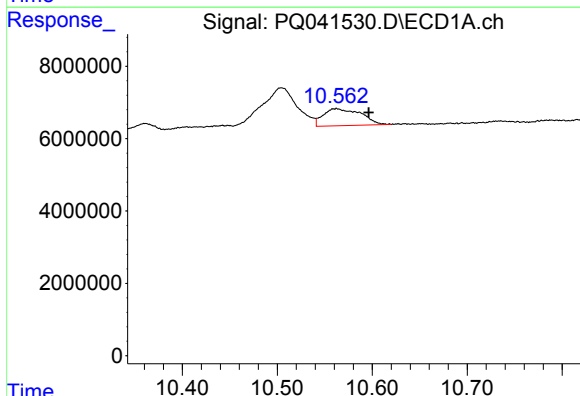
R.T.: 10.504 min
Delta R.T.: 0.010 min
Response: 28756181
Conc: 15.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



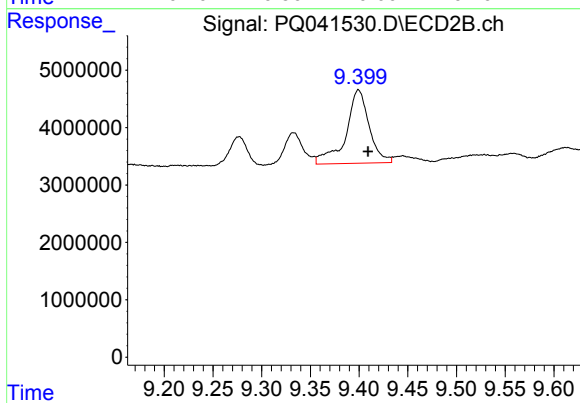
#41 AR-1268-1

R.T.: 9.333 min
Delta R.T.: -0.010 min
Response: 7494305
Conc: 6.56 ng/ml



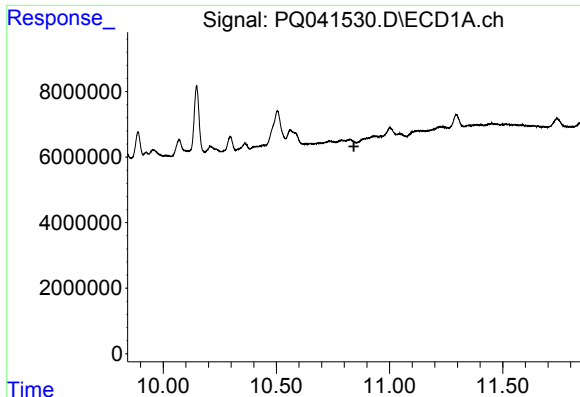
#42 AR-1268-2

R.T.: 10.562 min
Delta R.T.: -0.034 min
Response: 12994082
Conc: 8.14 ng/ml



#42 AR-1268-2

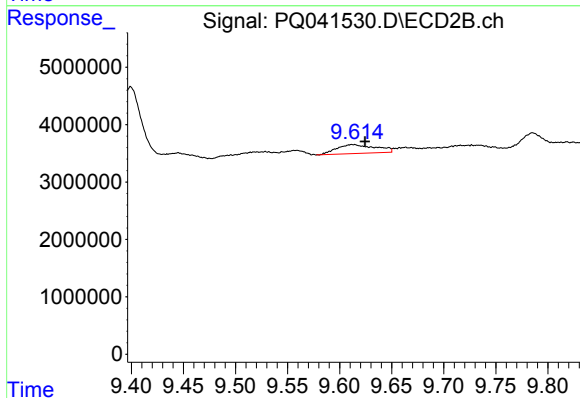
R.T.: 9.399 min
Delta R.T.: -0.010 min
Response: 21236508
Conc: 21.85 ng/ml



#43 AR-1268-3

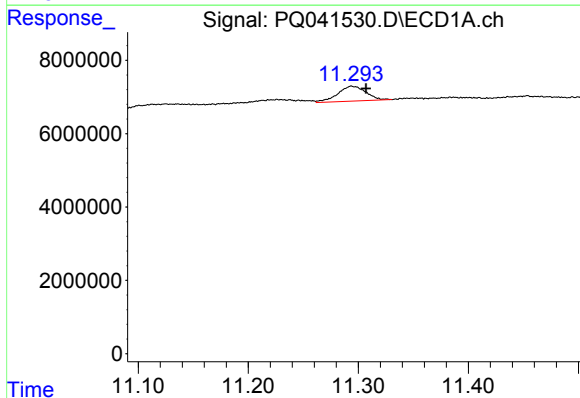
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



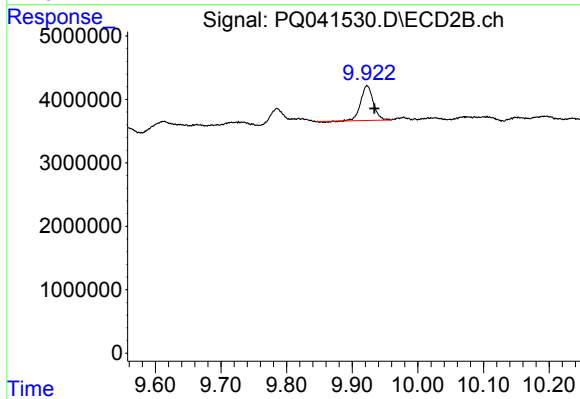
#43 AR-1268-3

R.T.: 9.613 min
Delta R.T.: -0.011 min
Response: 4106908
Conc: 5.14 ng/ml



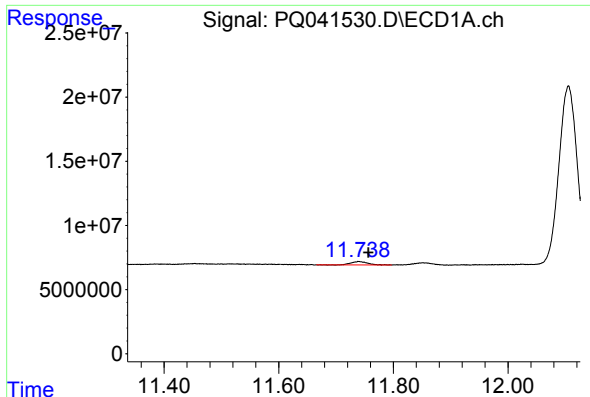
#44 AR-1268-4

R.T.: 11.295 min
Delta R.T.: -0.013 min
Response: 7241661
Conc: 12.76 ng/ml



#44 AR-1268-4

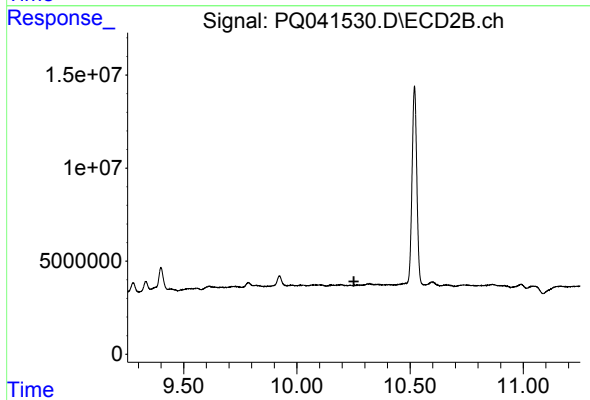
R.T.: 9.923 min
Delta R.T.: -0.011 min
Response: 7216434
Conc: 23.52 ng/ml



#45 AR-1268-5

R.T.: 11.740 min
Delta R.T.: -0.016 min
Response: 5127669
Conc: 1.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.252 min
Response: 0
Conc: N.D.