

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032819\
 Data File : PQ038508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2019 21:06
 Operator : SM\SJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1242394

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 00:56:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:45:22 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...	4.719	3.997	78736164	34869949	19.104	20.661
2)	SA Decachlor...	10.669	9.127	229.7E6	107.5E6	42.235	45.419
Target Compounds							
3)	L1 AR-1016-1	5.899	5.121	54152266	37291046	226.770	349.040 #
4)	L1 AR-1016-2	5.923	5.152	78815316	2070459	217.106	13.366 #
5)	L1 AR-1016-3	5.985	5.338	49372010	16540406	221.805	206.281
6)	L1 AR-1016-4	6.086	5.382	41067501	21305069	222.766	335.540 #
7)	L1 AR-1016-5	6.381	5.599	42598403	9410644	230.780	107.442 #
8)	L2 AR-1221-1	4.924	4.213	4141507	3004506	77.262	128.722 #
9)	L2 AR-1221-2	5.016	4.302	6366955	3480636	166.851	209.078 #
10)	L2 AR-1221-3	5.094	4.380	26372354	12920209	202.251	227.120
11)	L3 AR-1232-1	5.094	4.380	26372354	12920209	274.336	316.018
12)	L3 AR-1232-2	5.631	5.152	38135865	2070459	736.206	46.391 #
13)	L3 AR-1232-3	5.923	5.338	78815316	16540406	742.622	687.437
14)	L3 AR-1232-4	6.086	5.414	41067501	8345372	774.995	369.498 #
15)	L3 AR-1232-5	6.173	5.599	35479094	9410644	872.058	388.799 #
16)	L4 AR-1242-1	5.923	5.121	78815316	37291046	514.931	529.590
17)	L4 AR-1242-2	5.923	5.152	78815316	2070459	344.964	20.549 #
18)	L4 AR-1242-3	5.985	5.338	49372010	16540406	343.975	308.970
19)	L4 AR-1242-4	6.086	5.414	41067501	8345372	356.048	153.747 #
20)	L4 AR-1242-5	6.825	5.952	47437663	23825019	357.133	324.112
21)	L5 AR-1248-1	5.923	5.121	78815316	37291046	732.554	743.136
22)	L5 AR-1248-2	6.173	5.382	35479094	21305069	217.637	298.980 #
23)	L5 AR-1248-3	6.381	5.414	42598403	8345372	232.920	113.926 #
24)	L5 AR-1248-4	6.786	5.599	44784205	9410644	213.605	104.075 #
25)	L5 AR-1248-5	6.825	5.988	47437663	3157393	235.367	35.192 #
26)	L6 AR-1254-1	6.786	5.952	44784205	23825019	186.497	148.184
27)	L6 AR-1254-2	6.985	6.130	40676695	12482137	107.854	89.334
28)	L6 AR-1254-3	7.348	6.526	16885582	383612	41.592	1.596 #
29)	L6 AR-1254-4	7.634	6.693	12146053	7493137	43.150	48.352
30)	L6 AR-1254-5	8.056	7.115	3626873	2890476	11.236	14.258 #
31)	L7 AR-1260-1	7.476	6.646	7533483	1178290	17.707	5.763 #
32)	L7 AR-1260-2	7.764	6.836	3020099	975240	5.883	3.807 #
33)	L7 AR-1260-3	0.000	7.015	0	6020918	N.D.	25.169 #
34)	L7 AR-1260-4	8.363	7.455	1345120	694929	2.949	3.511
35)	L7 AR-1260-5	0.000	7.690	0	274226	N.D.	0.558 #
36)	L8 AR-1262-1	0.000	7.115	0	2890476	N.D.	13.424 #
37)	L8 AR-1262-2	0.000	7.690	0	274226	N.D.	0.704 #
38)	L8 AR-1262-3	0.000	8.002	0	410581	N.D.	2.758 #
39)	L8 AR-1262-4	0.000	8.002	0	410581	N.D.	1.440 #
41)	L9 AR-1268-1	0.000	8.002	0	410581	N.D.	0.513 #
42)	L9 AR-1268-2	0.000	8.002	0	410581	N.D.	0.566 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:45:22 2019
 Response via : Initial Calibration
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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
43) L9	AR-1268-3	9.391	8.218	4003363	1476412	3.105	2.347
45) L9	AR-1268-5	10.303	8.843	2608713	1339235	0.606	0.695

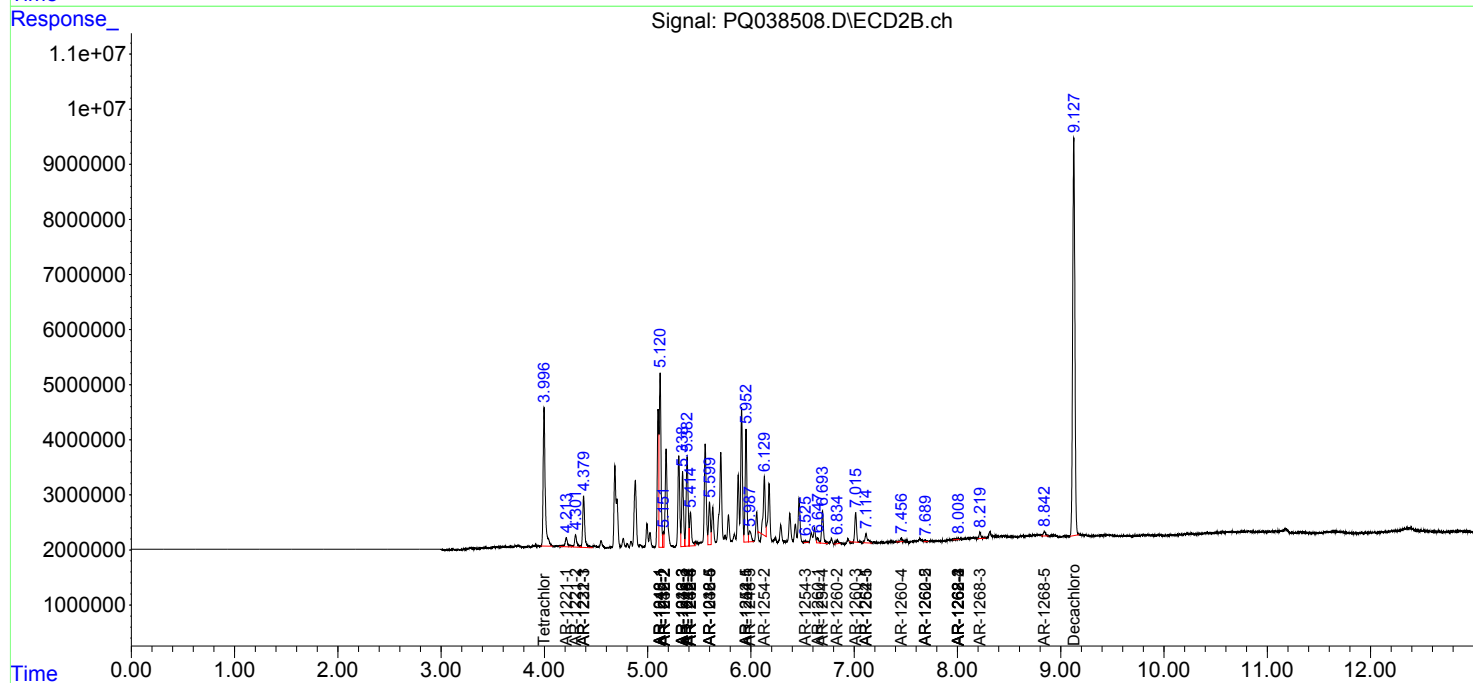
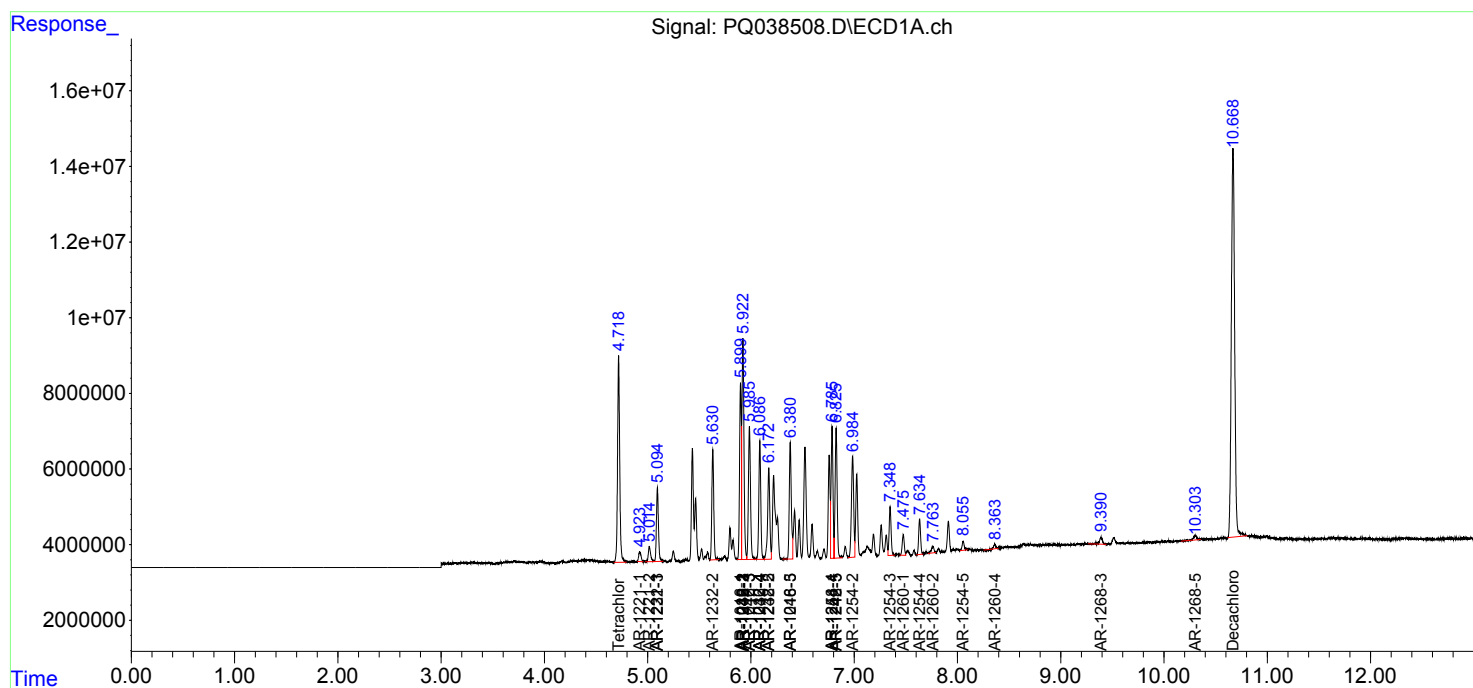
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

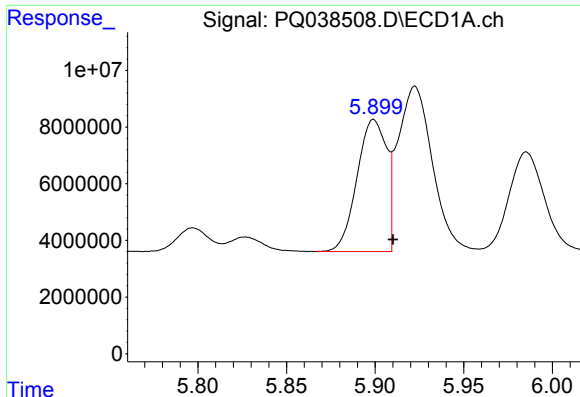
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Data File : PQ038508.D
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

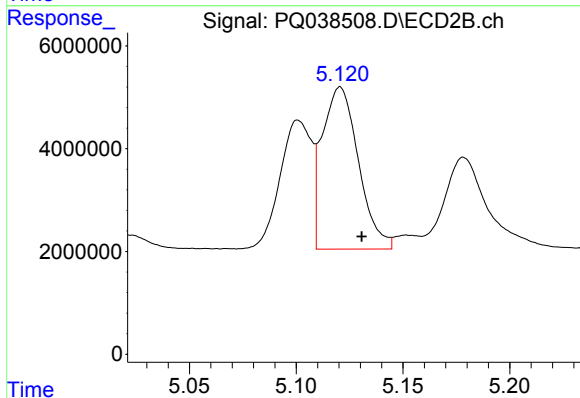




#3 AR-1016-1

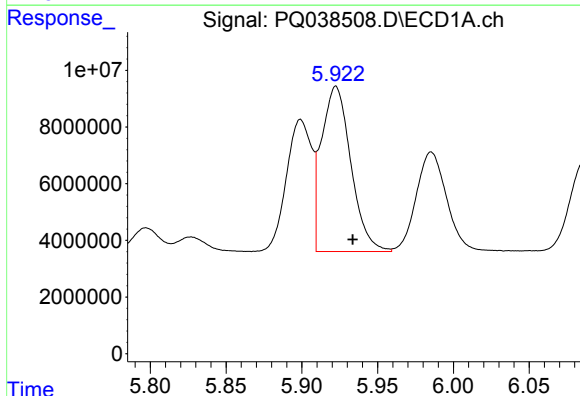
R.T.: 5.899 min
Delta R.T.: -0.011 min
Response: 54152266
Conc: 226.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



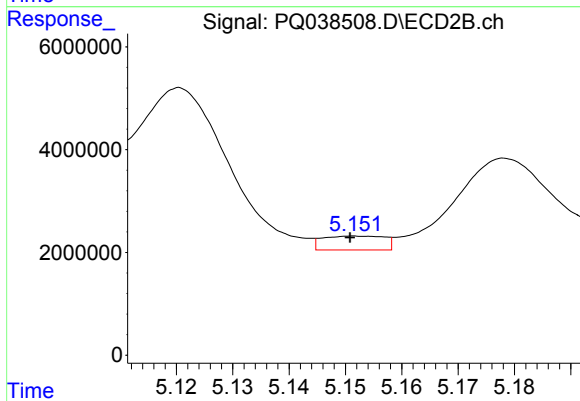
#3 AR-1016-1

R.T.: 5.121 min
Delta R.T.: -0.010 min
Response: 37291046
Conc: 349.04 ng/ml



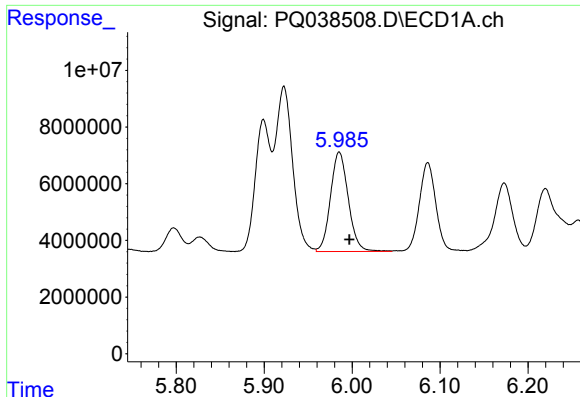
#4 AR-1016-2

R.T.: 5.923 min
Delta R.T.: -0.011 min
Response: 78815316
Conc: 217.11 ng/ml



#4 AR-1016-2

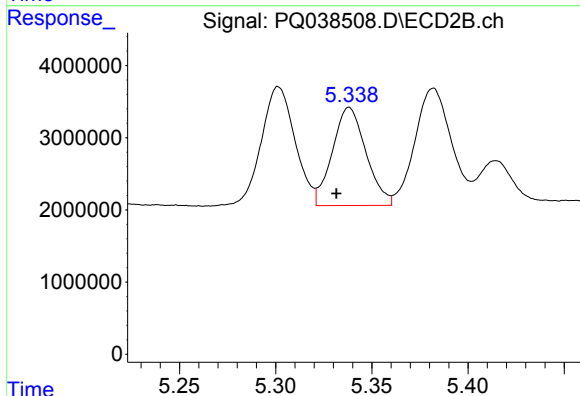
R.T.: 5.152 min
Delta R.T.: 0.001 min
Response: 2070459
Conc: 13.37 ng/ml



#5 AR-1016-3

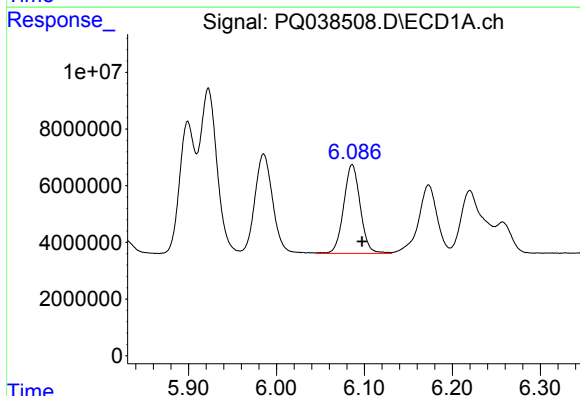
R.T.: 5.985 min
Delta R.T.: -0.011 min
Response: 49372010
Conc: 221.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



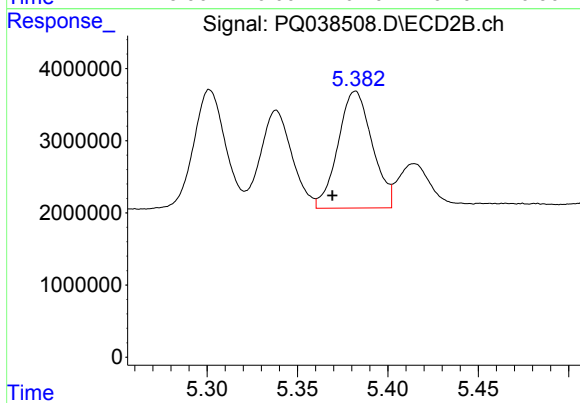
#5 AR-1016-3

R.T.: 5.338 min
Delta R.T.: 0.007 min
Response: 16540406
Conc: 206.28 ng/ml



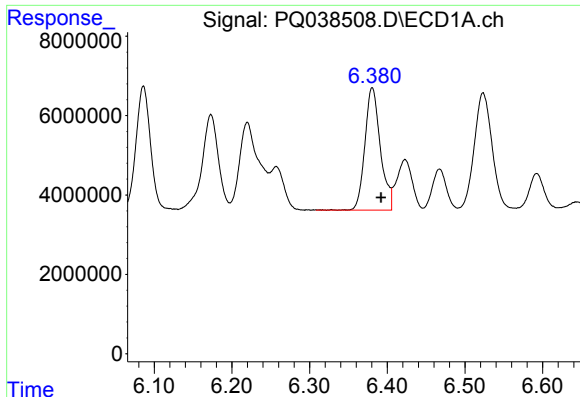
#6 AR-1016-4

R.T.: 6.086 min
Delta R.T.: -0.011 min
Response: 41067501
Conc: 222.77 ng/ml



#6 AR-1016-4

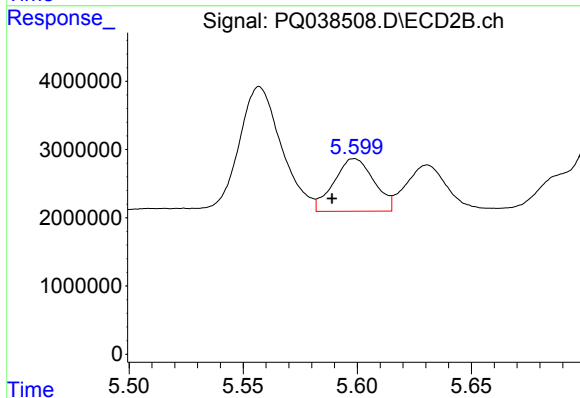
R.T.: 5.382 min
Delta R.T.: 0.013 min
Response: 21305069
Conc: 335.54 ng/ml



#7 AR-1016-5

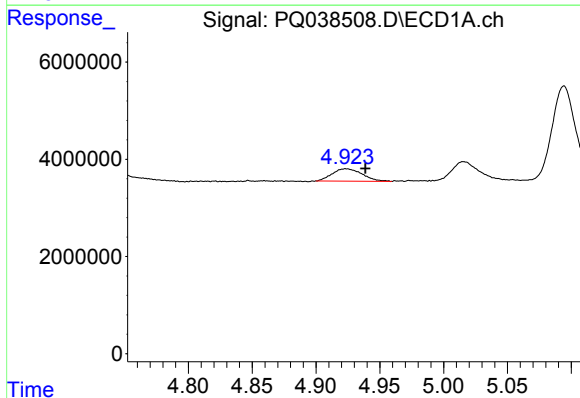
R.T.: 6.381 min
Delta R.T.: -0.011 min
Response: 42598403
Conc: 230.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



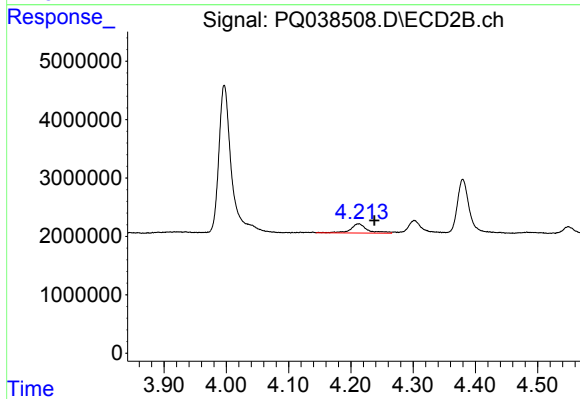
#7 AR-1016-5

R.T.: 5.599 min
Delta R.T.: 0.010 min
Response: 9410644
Conc: 107.44 ng/ml



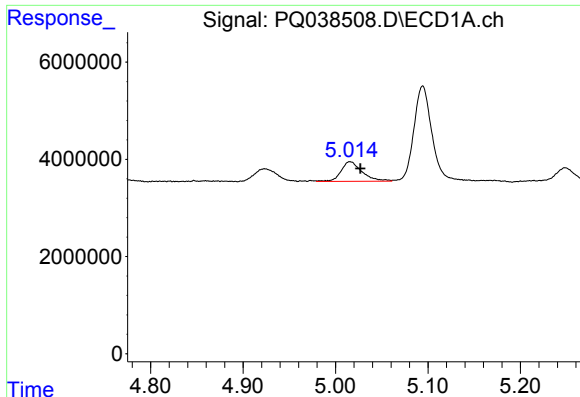
#8 AR-1221-1

R.T.: 4.924 min
Delta R.T.: -0.015 min
Response: 4141507
Conc: 77.26 ng/ml



#8 AR-1221-1

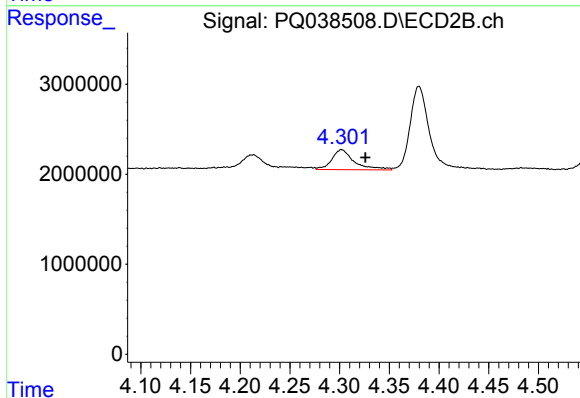
R.T.: 4.213 min
Delta R.T.: -0.025 min
Response: 3004506
Conc: 128.72 ng/ml



#9 AR-1221-2

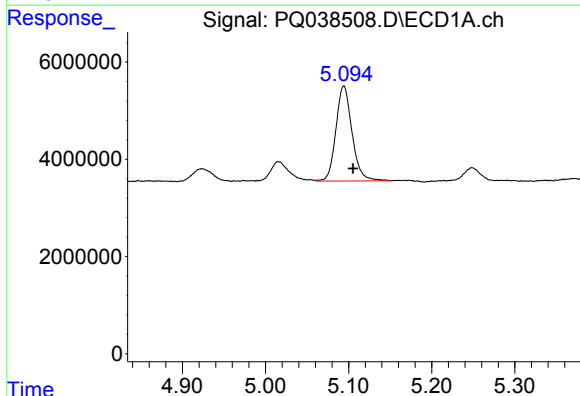
R.T.: 5.016 min
Delta R.T.: -0.011 min
Response: 6366955
Conc: 166.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



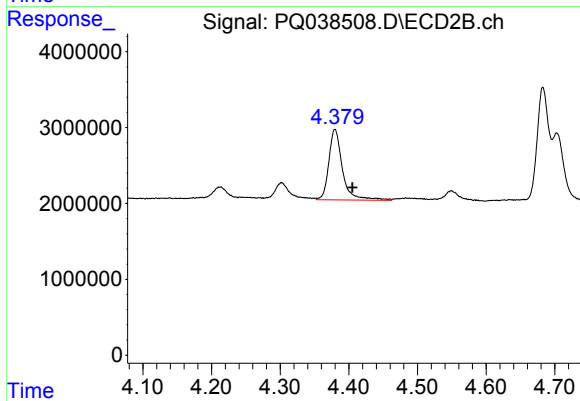
#9 AR-1221-2

R.T.: 4.302 min
Delta R.T.: -0.024 min
Response: 3480636
Conc: 209.08 ng/ml



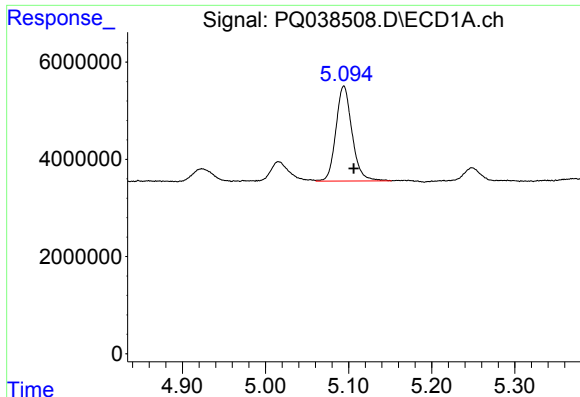
#10 AR-1221-3

R.T.: 5.094 min
Delta R.T.: -0.011 min
Response: 26372354
Conc: 202.25 ng/ml



#10 AR-1221-3

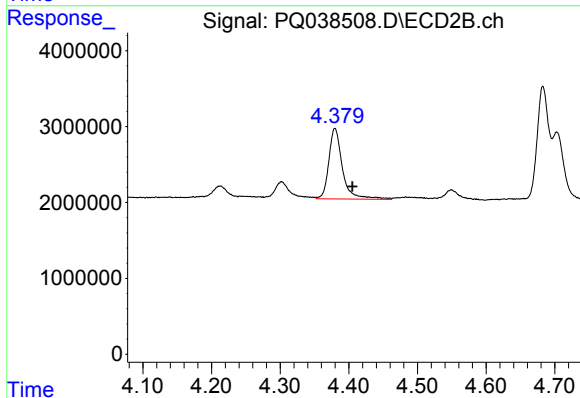
R.T.: 4.380 min
Delta R.T.: -0.026 min
Response: 12920209
Conc: 227.12 ng/ml



#11 AR-1232-1

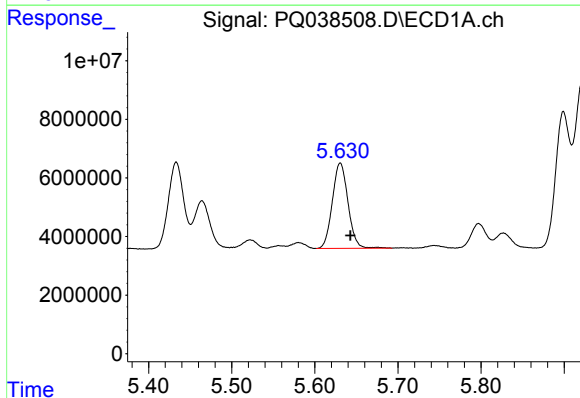
R.T.: 5.094 min
Delta R.T.: -0.012 min
Response: 26372354
Conc: 274.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



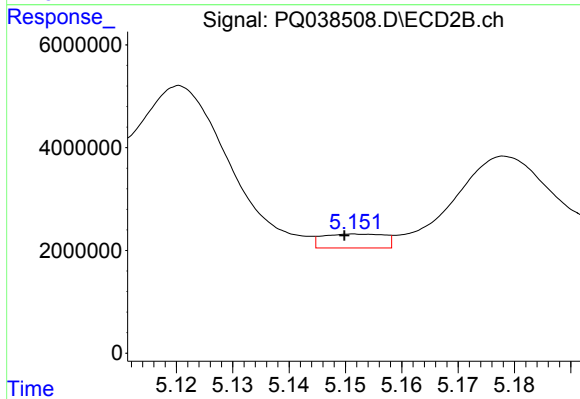
#11 AR-1232-1

R.T.: 4.380 min
Delta R.T.: -0.025 min
Response: 12920209
Conc: 316.02 ng/ml



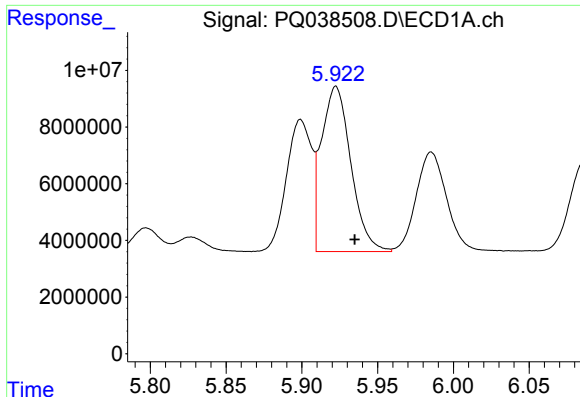
#12 AR-1232-2

R.T.: 5.631 min
Delta R.T.: -0.012 min
Response: 38135865
Conc: 736.21 ng/ml



#12 AR-1232-2

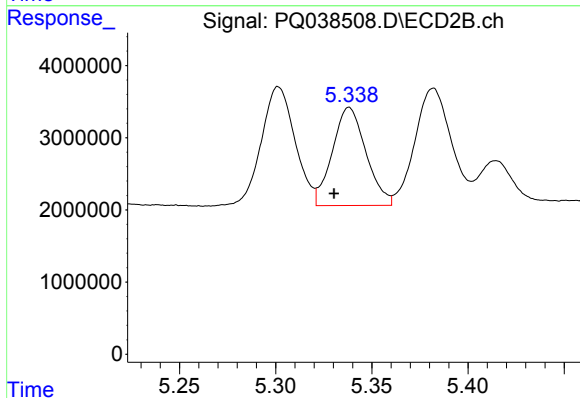
R.T.: 5.152 min
Delta R.T.: 0.002 min
Response: 2070459
Conc: 46.39 ng/ml



#13 AR-1232-3

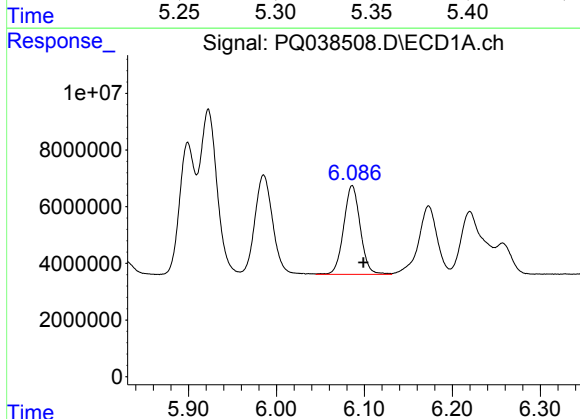
R.T.: 5.923 min
Delta R.T.: -0.012 min
Response: 78815316
Conc: 742.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



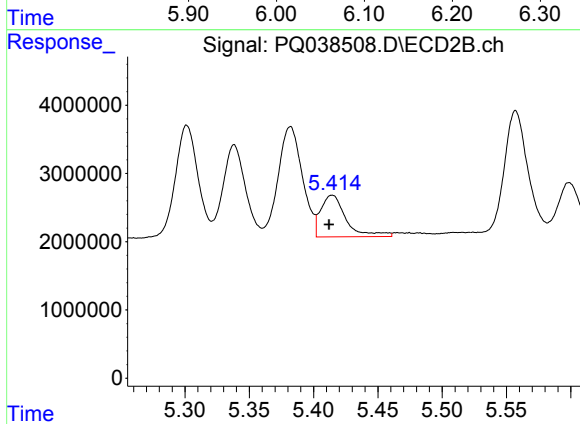
#13 AR-1232-3

R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 16540406
Conc: 687.44 ng/ml



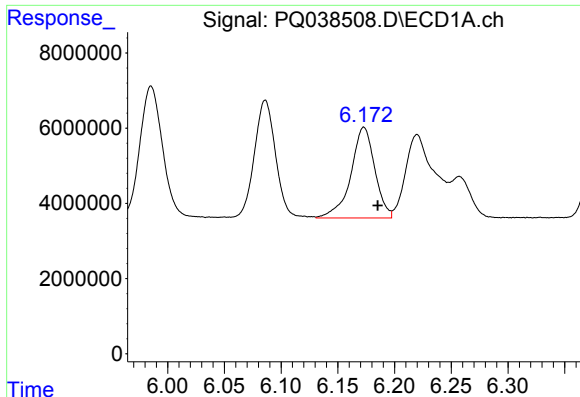
#14 AR-1232-4

R.T.: 6.086 min
Delta R.T.: -0.013 min
Response: 41067501
Conc: 775.00 ng/ml



#14 AR-1232-4

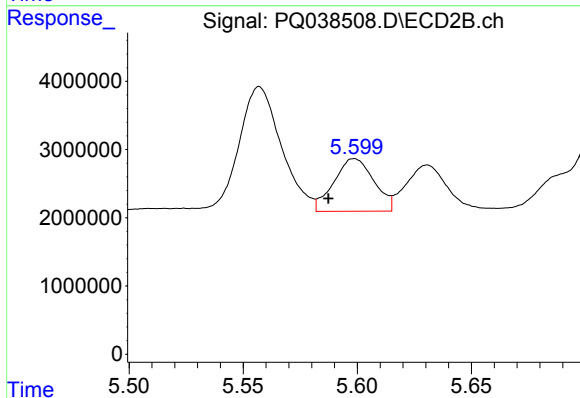
R.T.: 5.414 min
Delta R.T.: 0.003 min
Response: 8345372
Conc: 369.50 ng/ml



#15 AR-1232-5

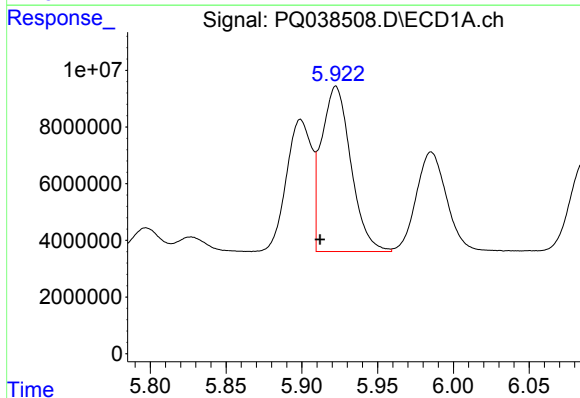
R.T.: 6.173 min
Delta R.T.: -0.012 min
Response: 35479094
Conc: 872.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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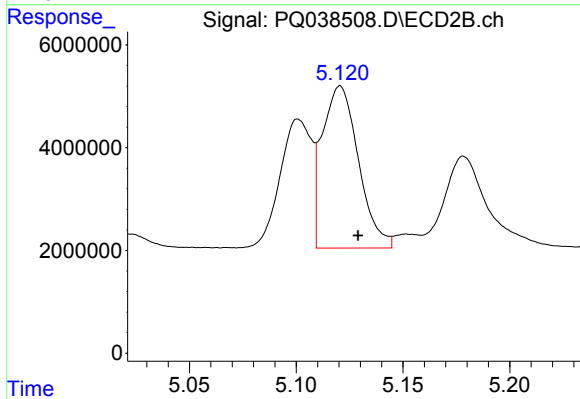
#15 AR-1232-5

R.T.: 5.599 min
Delta R.T.: 0.011 min
Response: 9410644
Conc: 388.80 ng/ml



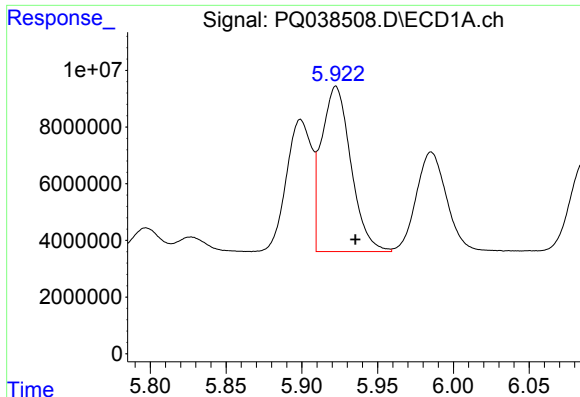
#16 AR-1242-1

R.T.: 5.923 min
Delta R.T.: 0.011 min
Response: 78815316
Conc: 514.93 ng/ml



#16 AR-1242-1

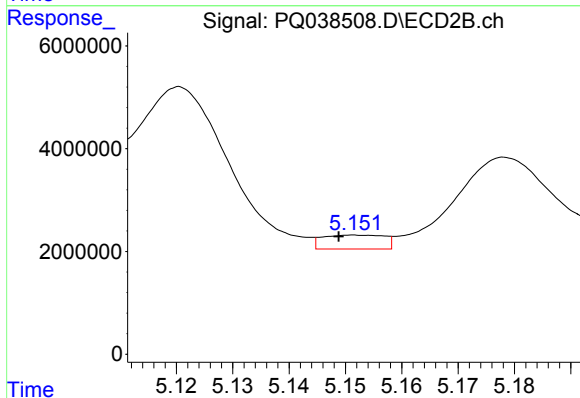
R.T.: 5.121 min
Delta R.T.: -0.008 min
Response: 37291046
Conc: 529.59 ng/ml



#17 AR-1242-2

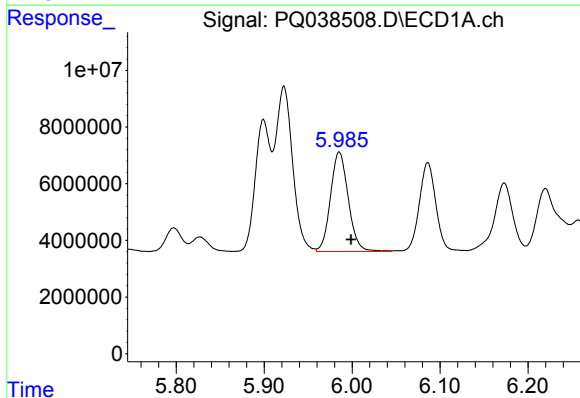
R.T.: 5.923 min
Delta R.T.: -0.013 min
Response: 78815316
Conc: 344.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



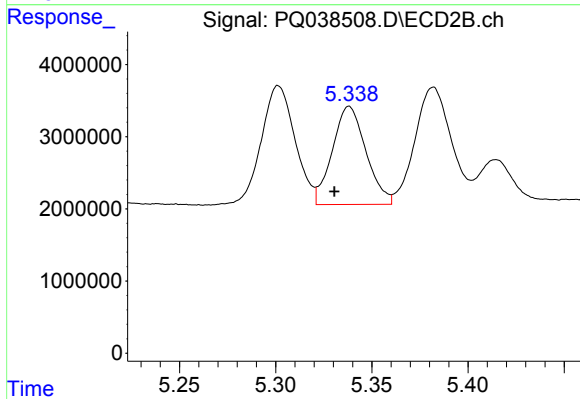
#17 AR-1242-2

R.T.: 5.152 min
Delta R.T.: 0.003 min
Response: 2070459
Conc: 20.55 ng/ml



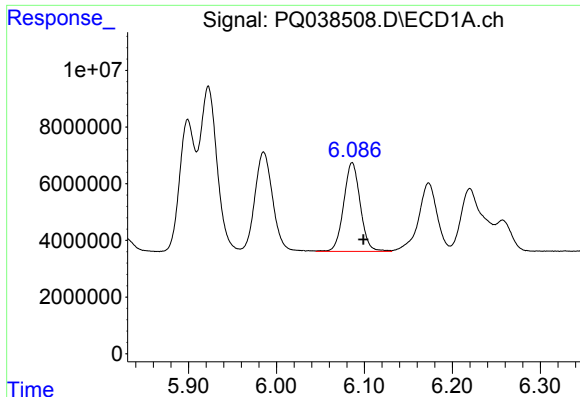
#18 AR-1242-3

R.T.: 5.985 min
Delta R.T.: -0.013 min
Response: 49372010
Conc: 343.97 ng/ml



#18 AR-1242-3

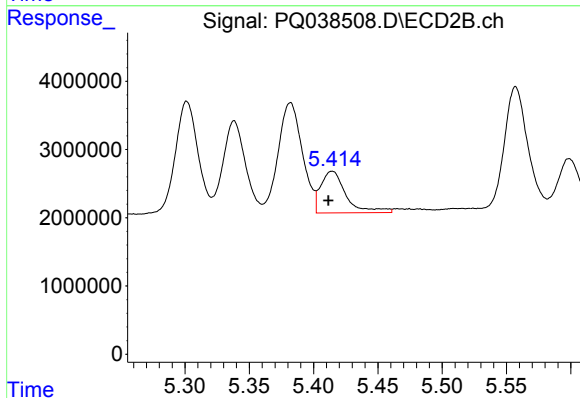
R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 16540406
Conc: 308.97 ng/ml



#19 AR-1242-4

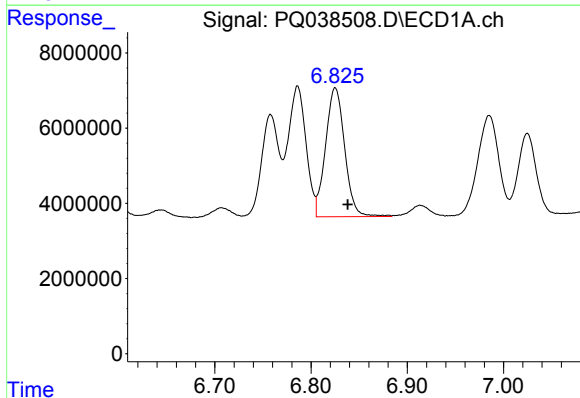
R.T.: 6.086 min
Delta R.T.: -0.013 min
Response: 41067501
Conc: 356.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



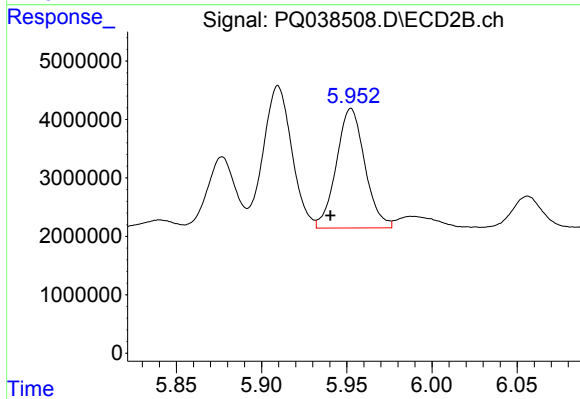
#19 AR-1242-4

R.T.: 5.414 min
Delta R.T.: 0.003 min
Response: 8345372
Conc: 153.75 ng/ml



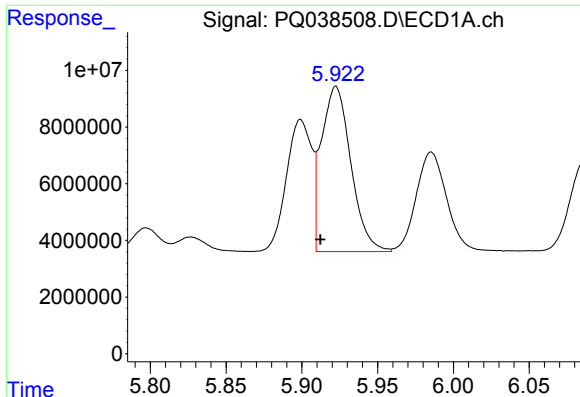
#20 AR-1242-5

R.T.: 6.825 min
Delta R.T.: -0.013 min
Response: 47437663
Conc: 357.13 ng/ml



#20 AR-1242-5

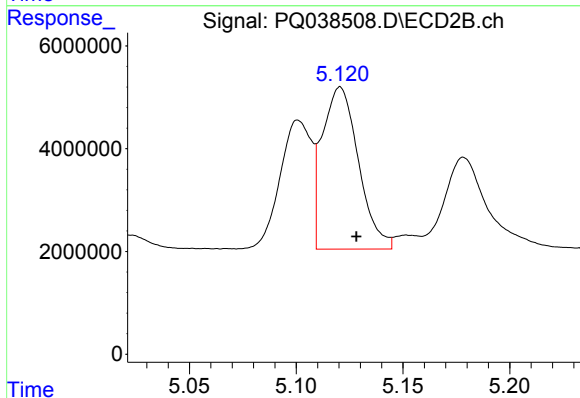
R.T.: 5.952 min
Delta R.T.: 0.012 min
Response: 23825019
Conc: 324.11 ng/ml



#21 AR-1248-1

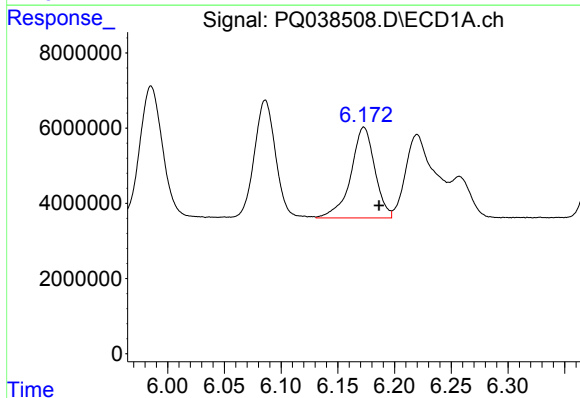
R.T.: 5.923 min
Delta R.T.: 0.010 min
Response: 78815316
Conc: 732.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



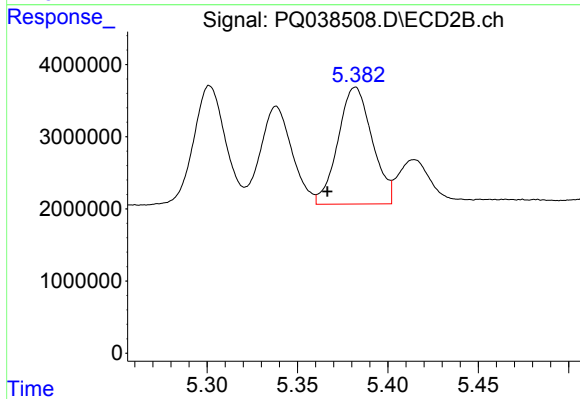
#21 AR-1248-1

R.T.: 5.121 min
Delta R.T.: -0.008 min
Response: 37291046
Conc: 743.14 ng/ml



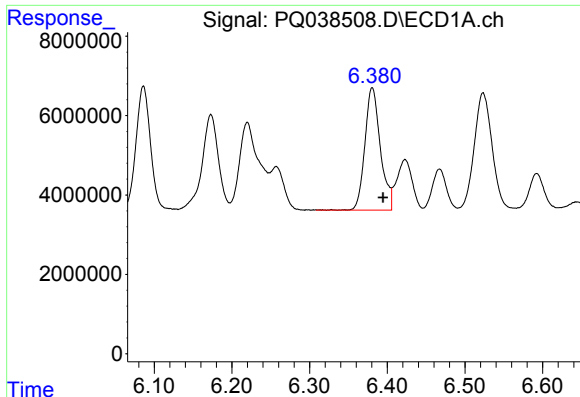
#22 AR-1248-2

R.T.: 6.173 min
Delta R.T.: -0.013 min
Response: 35479094
Conc: 217.64 ng/ml



#22 AR-1248-2

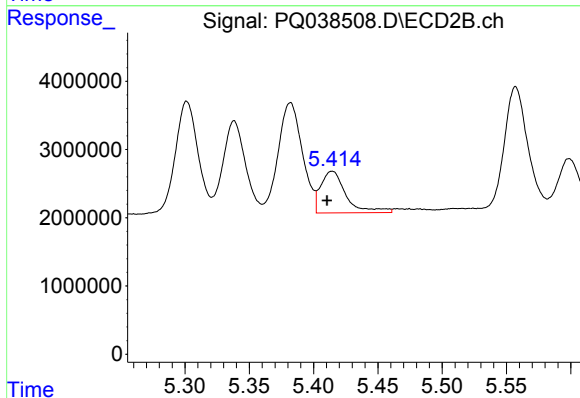
R.T.: 5.382 min
Delta R.T.: 0.015 min
Response: 21305069
Conc: 298.98 ng/ml



#23 AR-1248-3

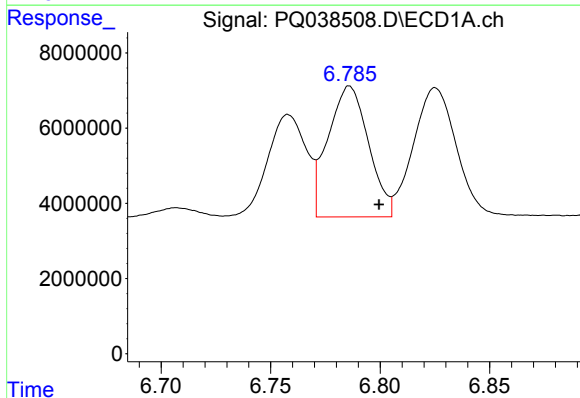
R.T.: 6.381 min
Delta R.T.: -0.014 min
Response: 42598403
Conc: 232.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



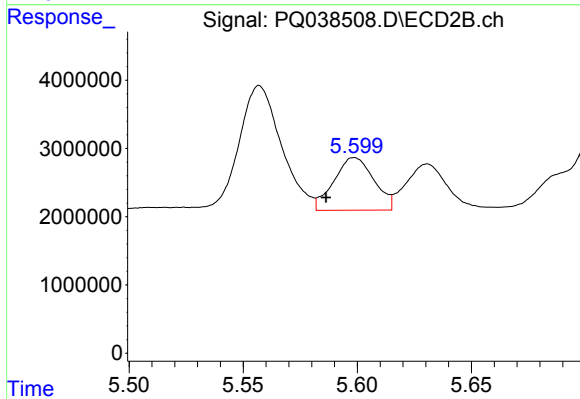
#23 AR-1248-3

R.T.: 5.414 min
Delta R.T.: 0.004 min
Response: 8345372
Conc: 113.93 ng/ml



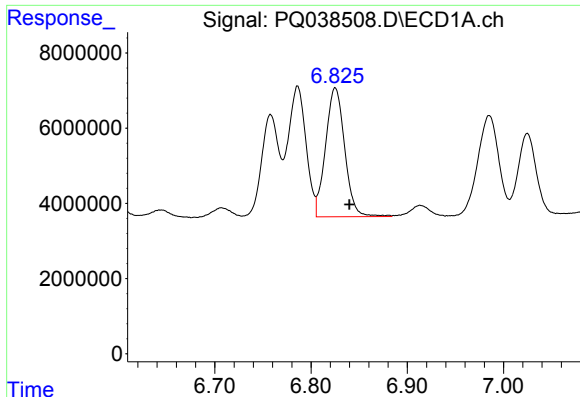
#24 AR-1248-4

R.T.: 6.786 min
Delta R.T.: -0.013 min
Response: 44784205
Conc: 213.60 ng/ml



#24 AR-1248-4

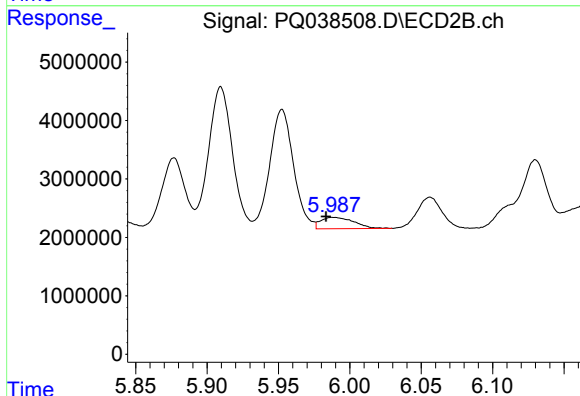
R.T.: 5.599 min
Delta R.T.: 0.012 min
Response: 9410644
Conc: 104.07 ng/ml



#25 AR-1248-5

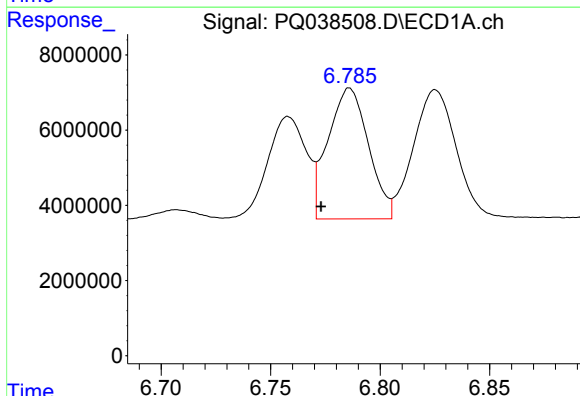
R.T.: 6.825 min
Delta R.T.: -0.014 min
Response: 47437663
Conc: 235.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



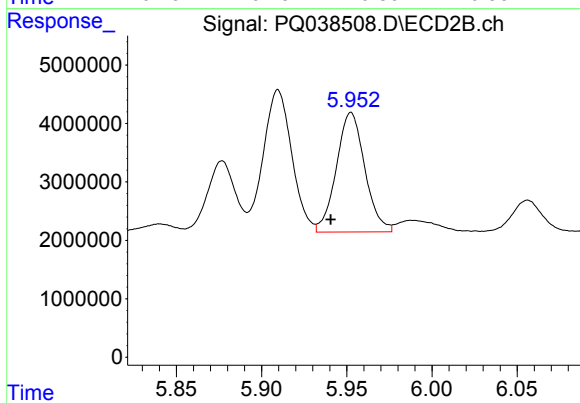
#25 AR-1248-5

R.T.: 5.988 min
Delta R.T.: 0.005 min
Response: 3157393
Conc: 35.19 ng/ml



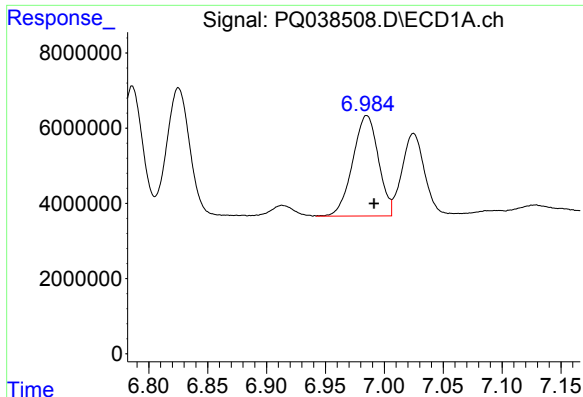
#26 AR-1254-1

R.T.: 6.786 min
Delta R.T.: 0.013 min
Response: 44784205
Conc: 186.50 ng/ml



#26 AR-1254-1

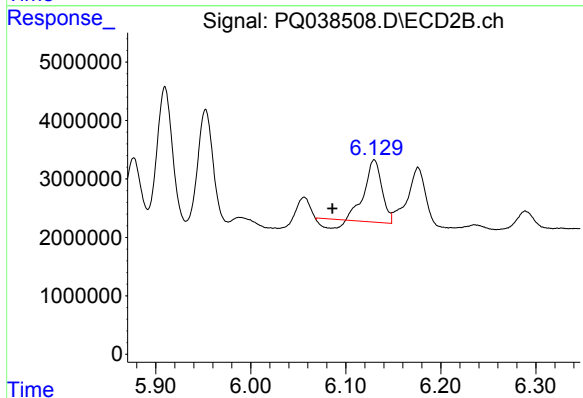
R.T.: 5.952 min
Delta R.T.: 0.012 min
Response: 23825019
Conc: 148.18 ng/ml



#27 AR-1254-2

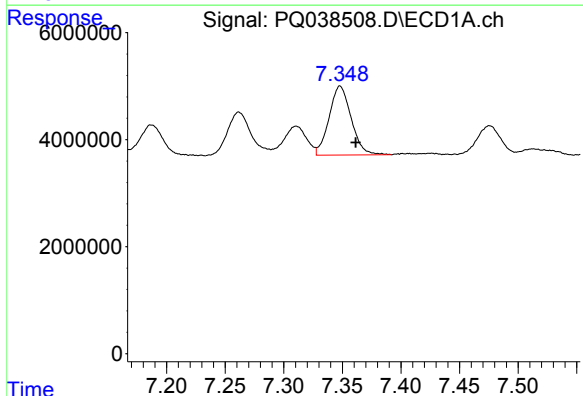
R.T.: 6.985 min
Delta R.T.: -0.006 min
Response: 40676695
Conc: 107.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



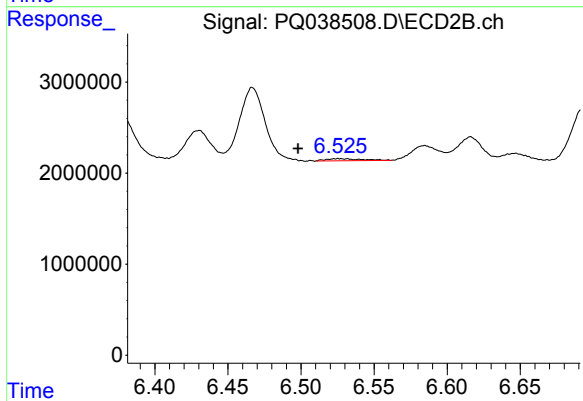
#27 AR-1254-2

R.T.: 6.130 min
Delta R.T.: 0.044 min
Response: 12482137
Conc: 89.33 ng/ml



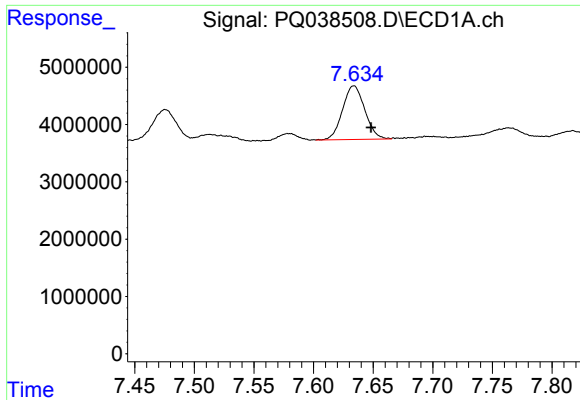
#28 AR-1254-3

R.T.: 7.348 min
Delta R.T.: -0.013 min
Response: 16885582
Conc: 41.59 ng/ml



#28 AR-1254-3

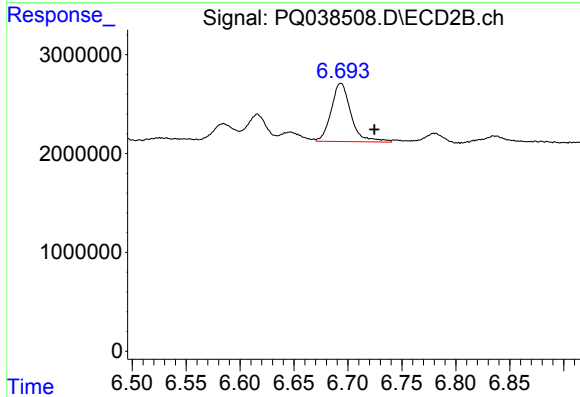
R.T.: 6.526 min
Delta R.T.: 0.028 min
Response: 383612
Conc: 1.60 ng/ml



#29 AR-1254-4

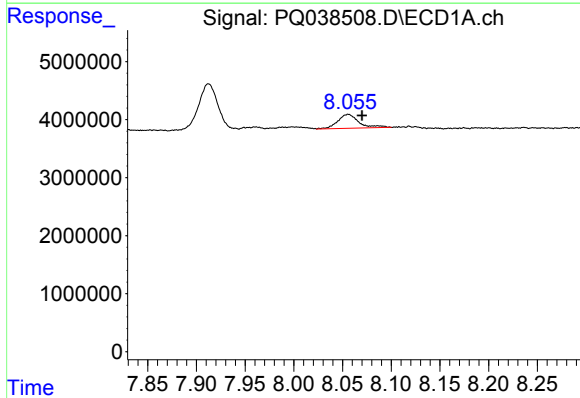
R.T.: 7.634 min
Delta R.T.: -0.014 min
Response: 12146053
Conc: 43.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



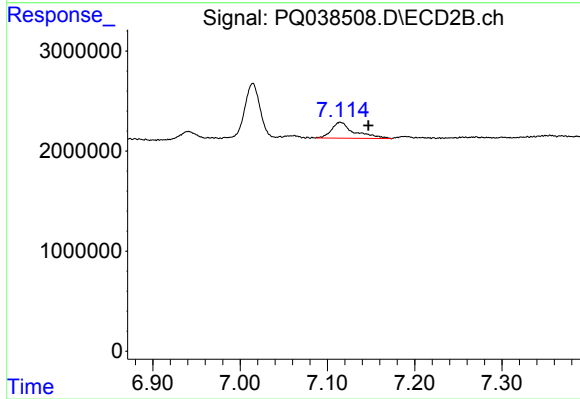
#29 AR-1254-4

R.T.: 6.693 min
Delta R.T.: -0.031 min
Response: 7493137
Conc: 48.35 ng/ml



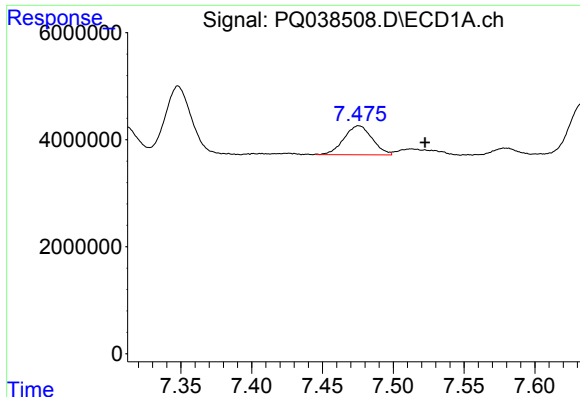
#30 AR-1254-5

R.T.: 8.056 min
Delta R.T.: -0.014 min
Response: 3626873
Conc: 11.24 ng/ml



#30 AR-1254-5

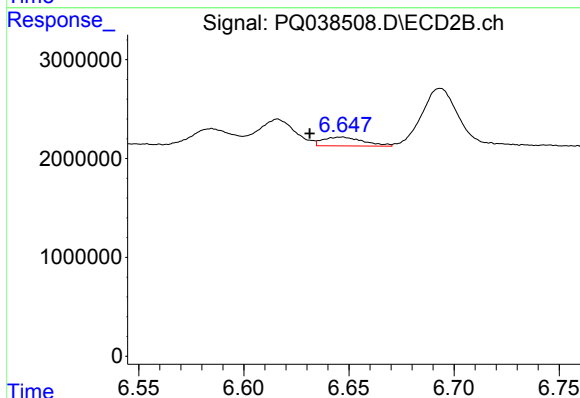
R.T.: 7.115 min
Delta R.T.: -0.032 min
Response: 2890476
Conc: 14.26 ng/ml



#31 AR-1260-1

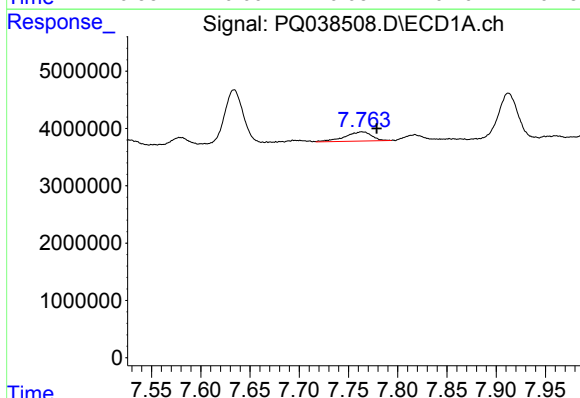
R.T.: 7.476 min
Delta R.T.: -0.047 min
Response: 7533483
Conc: 17.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



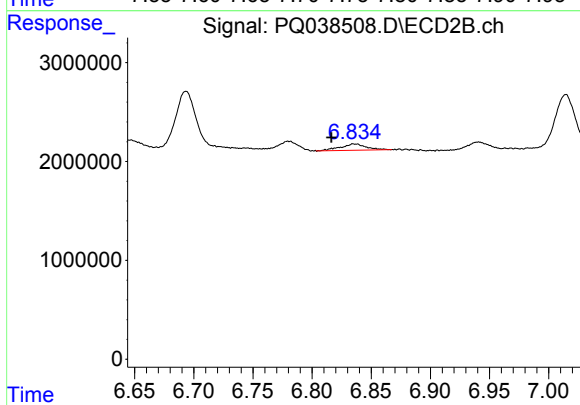
#31 AR-1260-1

R.T.: 6.646 min
Delta R.T.: 0.015 min
Response: 1178290
Conc: 5.76 ng/ml



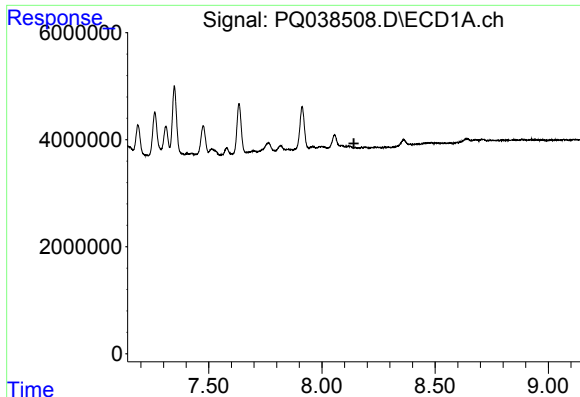
#32 AR-1260-2

R.T.: 7.764 min
Delta R.T.: -0.015 min
Response: 3020099
Conc: 5.88 ng/ml



#32 AR-1260-2

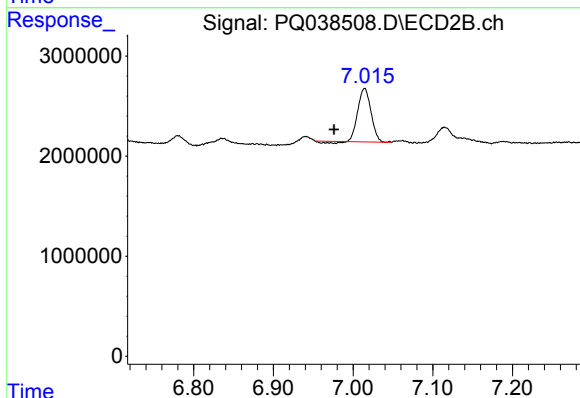
R.T.: 6.836 min
Delta R.T.: 0.020 min
Response: 975240
Conc: 3.81 ng/ml



#33 AR-1260-3

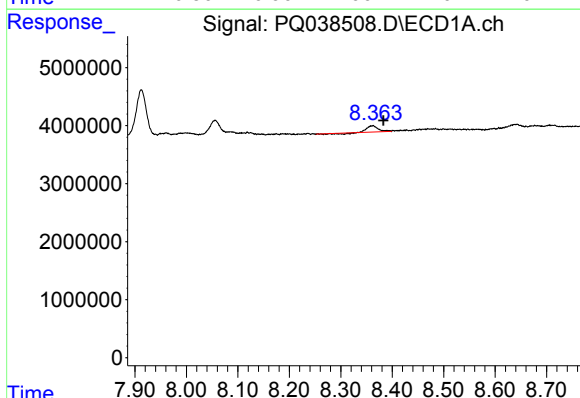
R.T.: 0.000 min
Exp R.T.: 8.141 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242394



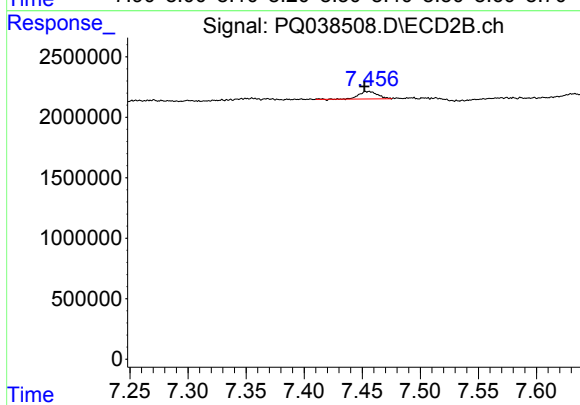
#33 AR-1260-3

R.T.: 7.015 min
Delta R.T.: 0.038 min
Response: 6020918
Conc: 25.17 ng/ml



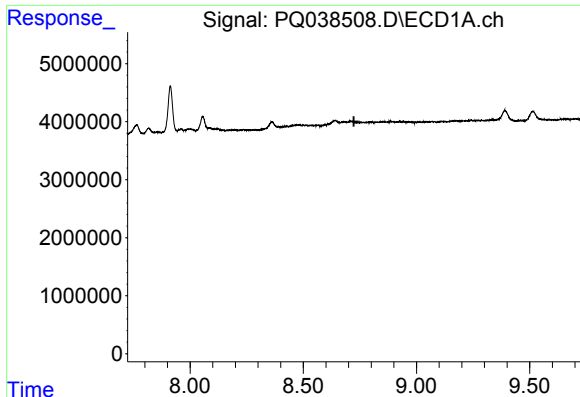
#34 AR-1260-4

R.T.: 8.363 min
Delta R.T.: -0.020 min
Response: 1345120
Conc: 2.95 ng/ml



#34 AR-1260-4

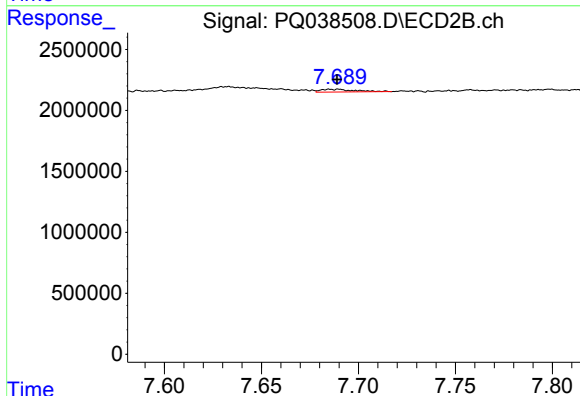
R.T.: 7.455 min
Delta R.T.: 0.003 min
Response: 694929
Conc: 3.51 ng/ml



#35 AR-1260-5

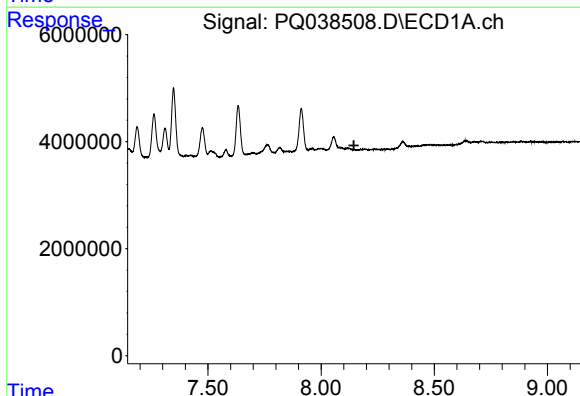
R.T.: 0.000 min
Exp R.T.: 8.723 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242394



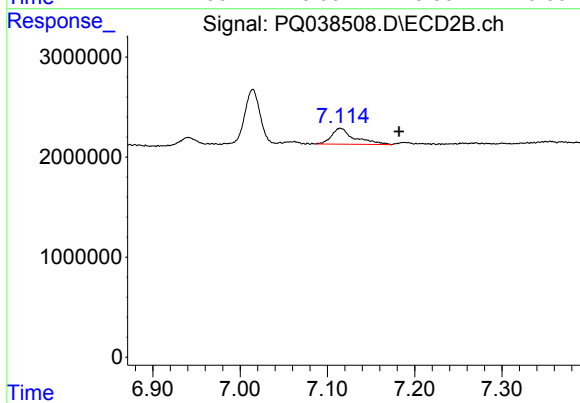
#35 AR-1260-5

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 274226
Conc: 0.56 ng/ml



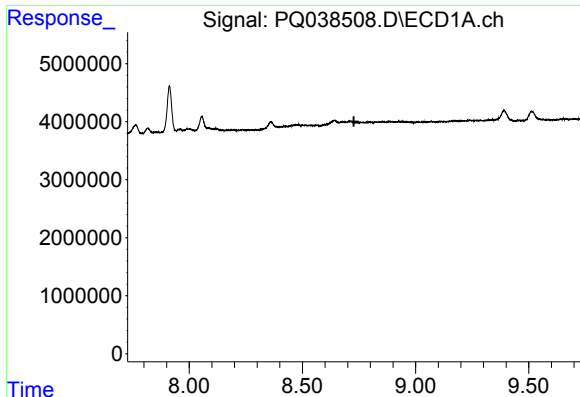
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.145 min
Response: 0
Conc: N.D.



#36 AR-1262-1

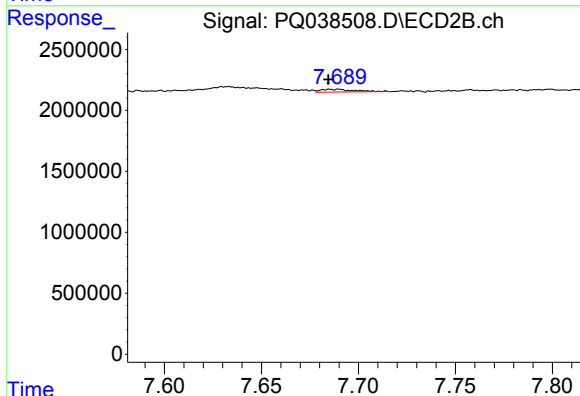
R.T.: 7.115 min
Delta R.T.: -0.067 min
Response: 2890476
Conc: 13.42 ng/ml



#37 AR-1262-2

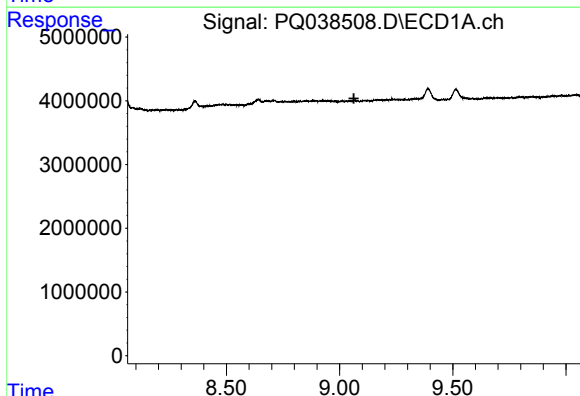
R.T.: 0.000 min
Exp R.T.: 8.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242394



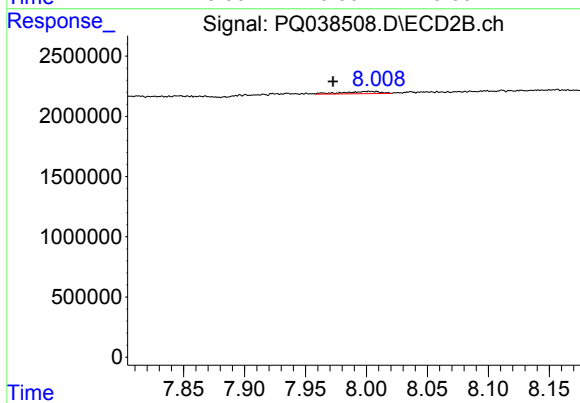
#37 AR-1262-2

R.T.: 7.690 min
Delta R.T.: 0.005 min
Response: 274226
Conc: 0.70 ng/ml



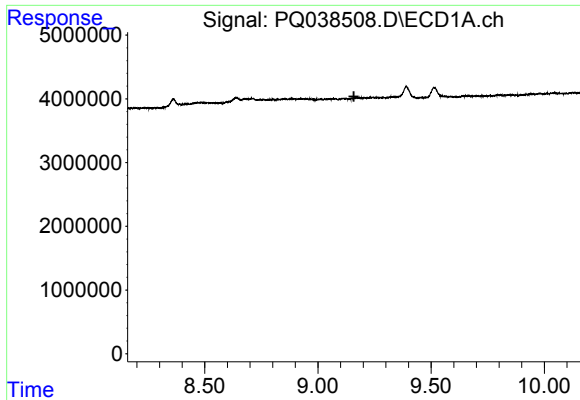
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.063 min
Response: 0
Conc: N.D.



#38 AR-1262-3

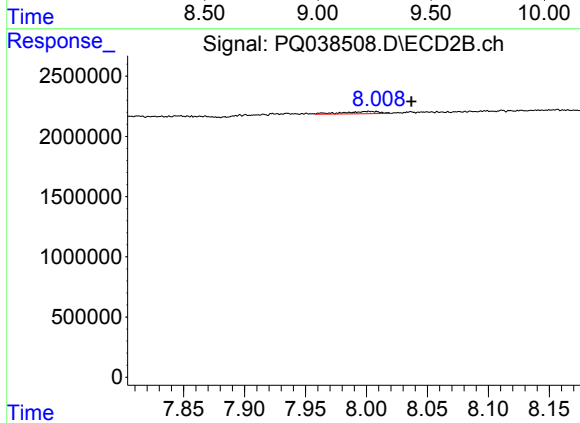
R.T.: 8.002 min
Delta R.T.: 0.030 min
Response: 410581
Conc: 2.76 ng/ml



#39 AR-1262-4

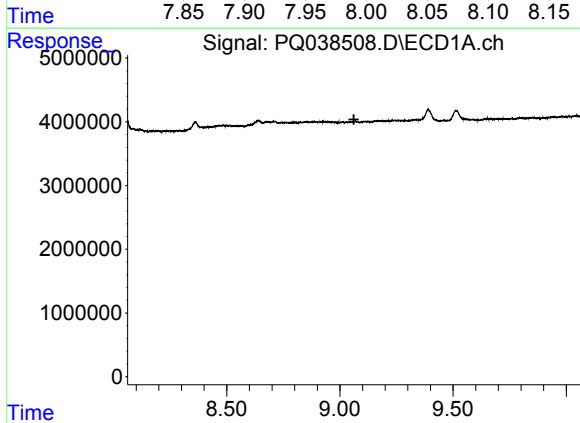
R.T.: 0.000 min
Exp R.T.: 9.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242394



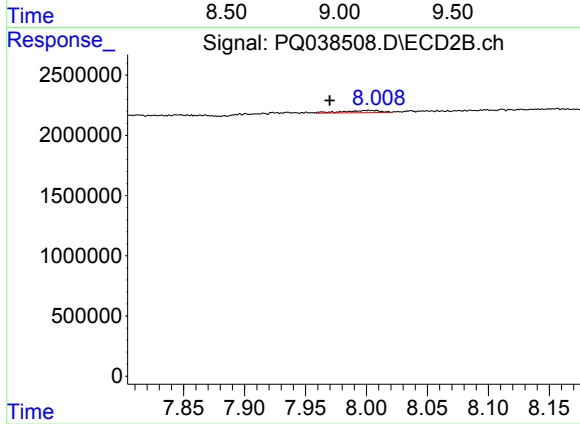
#39 AR-1262-4

R.T.: 8.002 min
Delta R.T.: -0.035 min
Response: 410581
Conc: 1.44 ng/ml



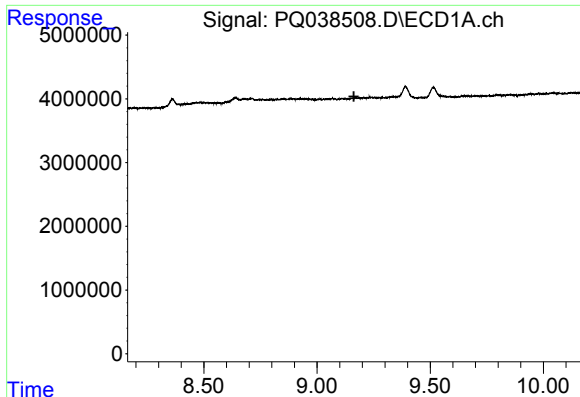
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.062 min
Response: 0
Conc: N.D.



#41 AR-1268-1

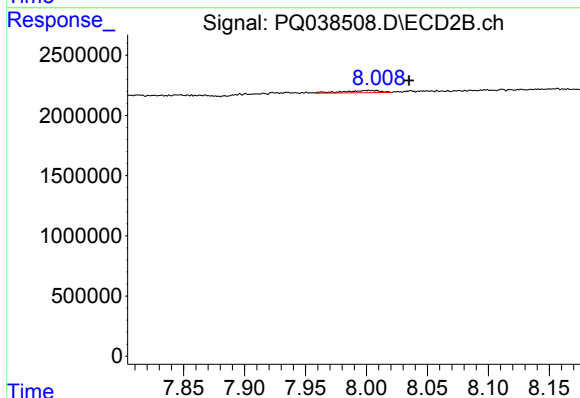
R.T.: 8.002 min
Delta R.T.: 0.032 min
Response: 410581
Conc: 0.51 ng/ml



#42 AR-1268-2

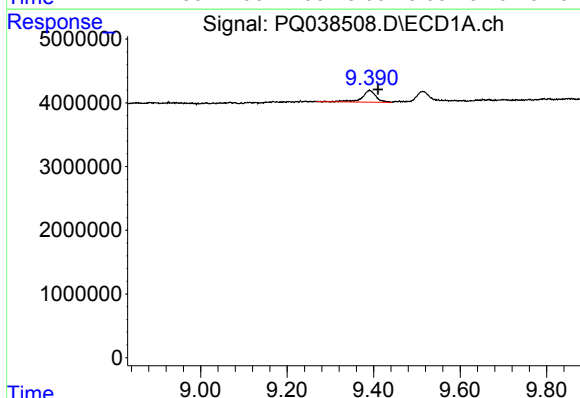
R.T.: 0.000 min
Exp R.T.: 9.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242394



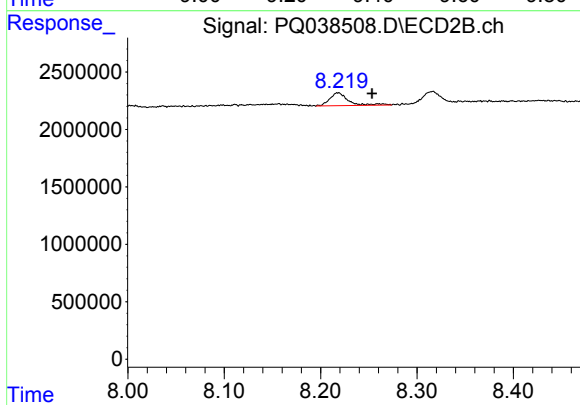
#42 AR-1268-2

R.T.: 8.002 min
Delta R.T.: -0.033 min
Response: 410581
Conc: 0.57 ng/ml



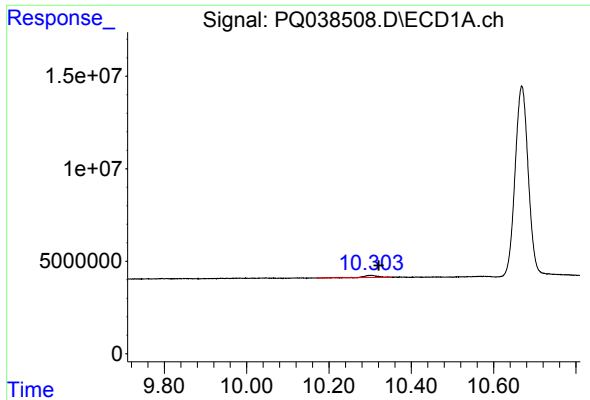
#43 AR-1268-3

R.T.: 9.391 min
Delta R.T.: -0.020 min
Response: 4003363
Conc: 3.11 ng/ml



#43 AR-1268-3

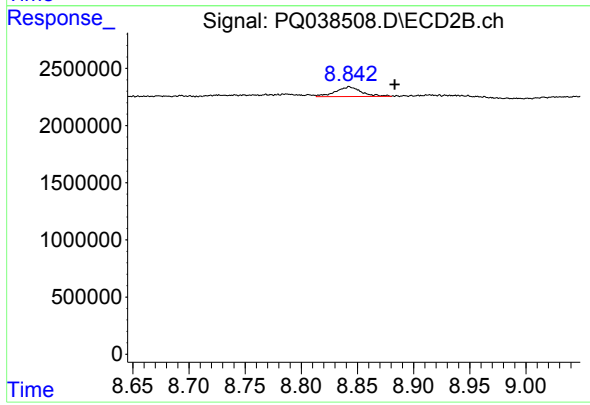
R.T.: 8.218 min
Delta R.T.: -0.035 min
Response: 1476412
Conc: 2.35 ng/ml



#45 AR-1268-5

R.T.: 10.303 min
Delta R.T.: -0.018 min
Response: 2608713
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242394



#45 AR-1268-5

R.T.: 8.843 min
Delta R.T.: -0.040 min
Response: 1339235
Conc: 0.70 ng/ml