

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040188.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 14:15
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254336

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 00:07:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.606	4.739	66859526	41561825	20.409	19.351
2)	SA Decachlor...	11.924	10.467	295.6E6	148.8E6	41.374	35.780
Target Compounds							
3)	L1 AR-1016-1	0.000	6.183	0	1358328	N.D.	10.589 #
4)	L1 AR-1016-2	0.000	6.183	0	1358328	N.D.	7.038 #
5)	L1 AR-1016-3	0.000	6.419	0	921611	N.D.	8.545 #
6)	L1 AR-1016-4	0.000	6.473	0	23970229	N.D.	281.509 #
7)	L1 AR-1016-5	7.597	6.725	19255935	15189081	138.807	131.918
9)	L2 AR-1221-2	0.000	5.158	0	1154274	N.D.	70.868 #
10)	L2 AR-1221-3	0.000	5.262	0	643466	N.D.	10.582 #
11)	L3 AR-1232-1	0.000	5.262	0	643466	N.D.	14.042 #
12)	L3 AR-1232-2	0.000	6.183	0	1358328	N.D.	22.644 #
13)	L3 AR-1232-3	0.000	6.419	0	921611	N.D.	26.206 #
14)	L3 AR-1232-4	0.000	6.521	0	7425992	N.D.	251.317 #
15)	L3 AR-1232-5	7.368	6.725	32859143	15189081	1036.812	504.547 #
16)	L4 AR-1242-1	0.000	6.183	0	1358328	N.D.	18.369 #
17)	L4 AR-1242-2	0.000	6.183	0	1358328	N.D.	12.759 #
18)	L4 AR-1242-3	0.000	6.419	0	921611	N.D.	15.278 #
19)	L4 AR-1242-4	0.000	6.521	0	7425992	N.D.	124.596 #
20)	L4 AR-1242-5	8.088	7.134	20055498	63942379	231.338	793.444 #
21)	L5 AR-1248-1	0.000	6.183	0	1358328	N.D.	23.573 #
22)	L5 AR-1248-2	7.368	6.473	32859143	23970229	291.739	272.638
23)	L5 AR-1248-3	7.597	6.521	19255935	7425992	139.508	82.070 #
24)	L5 AR-1248-4	8.044	6.725	30963494	15189081	205.097	137.546 #
25)	L5 AR-1248-5	8.088	7.181	20055498	7310552	133.207	64.390 #
26)	L6 AR-1254-1	8.013	7.134	66331976	63942379	380.356	333.840
27)	L6 AR-1254-2	8.249	7.302	104.6E6	56794670	378.095	326.913
28)	L6 AR-1254-3	8.645	7.750	113.3E6	97565625	381.785	337.618
29)	L6 AR-1254-4	8.948	8.000	79703592	70428457	383.506	394.452
30)	L6 AR-1254-5	9.387	8.444	96133575	89036655	333.804	345.599
31)	L7 AR-1260-1	8.816	7.889	47311921	47367293	142.330	172.786
32)	L7 AR-1260-2	9.086	8.094	52388367	39467618	129.685	114.096
33)	L7 AR-1260-3	9.452	8.257	13164754	38920687	39.907	121.360 #
34)	L7 AR-1260-4	9.694	8.754	36918717	4211765	100.178	15.500 #
35)	L7 AR-1260-5	10.040	8.991	16858165	21842390	21.892	32.495 #
36)	L8 AR-1262-1	0.000	8.517	0	10823830	N.D.	95.325 #
37)	L8 AR-1262-2	10.040	8.991	16858165	21842390	29.129	44.025 #
38)	L8 AR-1262-3	10.390	9.298	9965152	441156	23.569	2.098 #
39)	L8 AR-1262-4	0.000	9.367	0	11010243	N.D.	29.080 #
40)	L8 AR-1262-5	0.000	9.891	0	508274	N.D.	3.135 #
41)	L9 AR-1268-1	10.390	9.298	9965152	441156	16.543	0.967 #
42)	L9 AR-1268-2	0.000	9.367	0	11010243	N.D.	25.184 #

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 ClientSampleId :
 AR1254336

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 00:07:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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	9.576	0	1195894	N.D.	3.186 #
44) L9	AR-1268-4	0.000	9.891	0	508274	N.D.	3.689 #
45) L9	AR-1268-5	0.000	10.199	0	1258750	N.D.	1.067 #

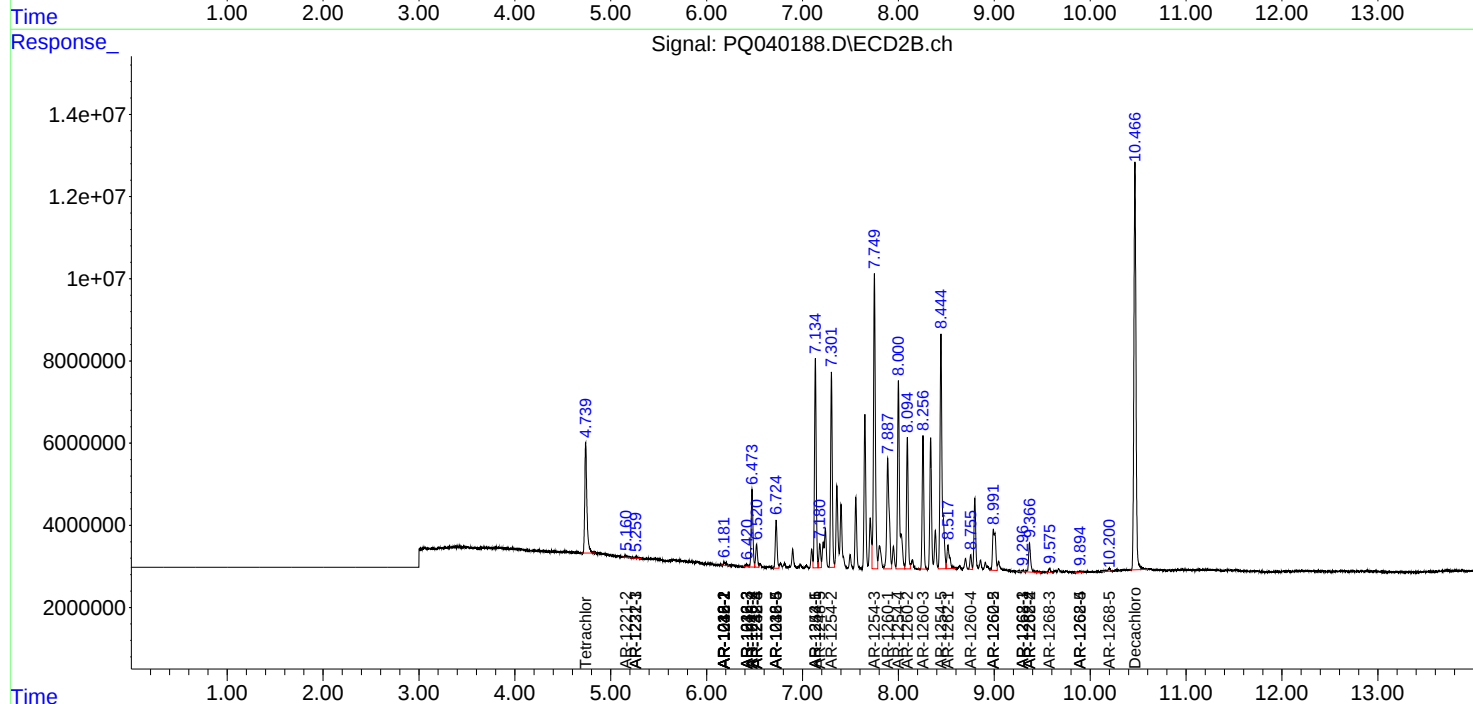
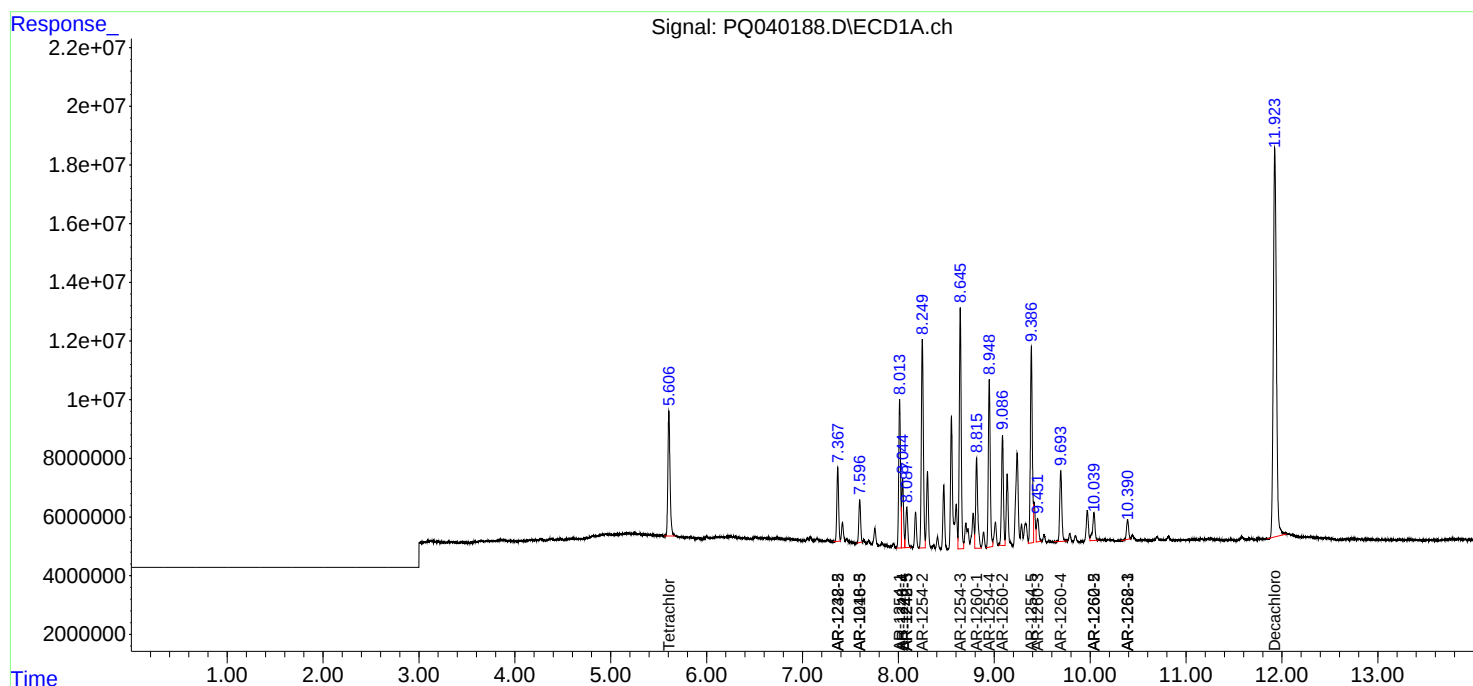
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

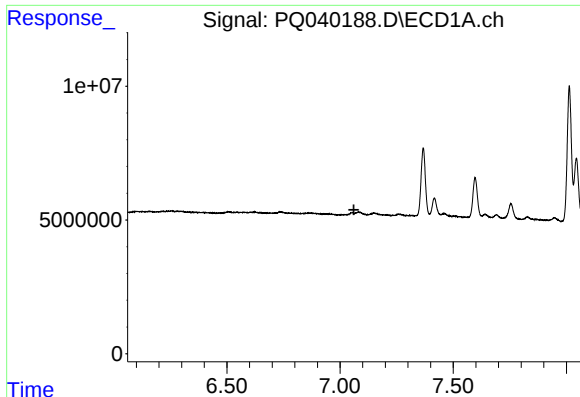
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

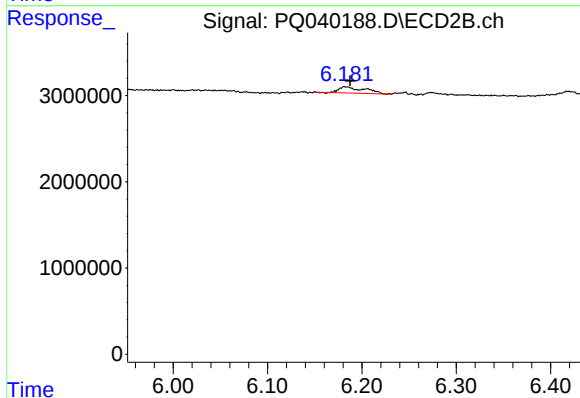




#3 AR-1016-1

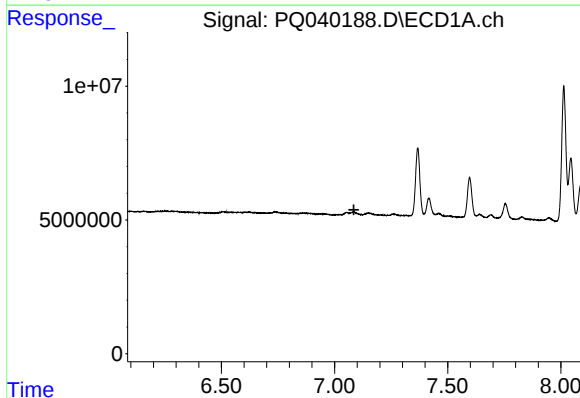
R.T.: 0.000 min
Exp R.T.: 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



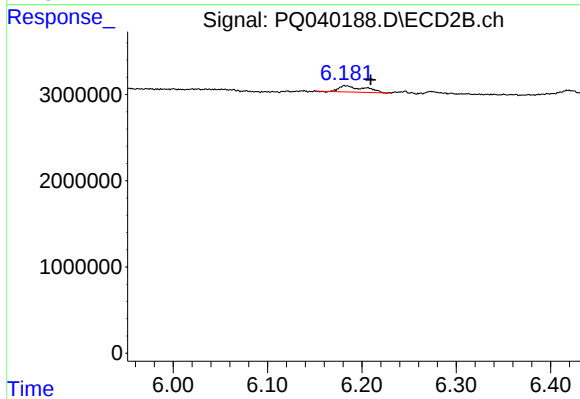
#3 AR-1016-1

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1358328
Conc: 10.59 ng/ml



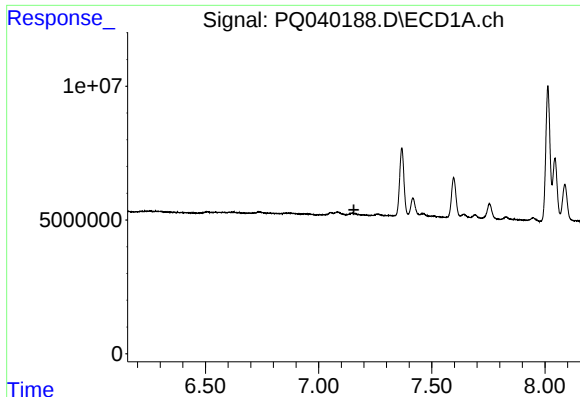
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.



#4 AR-1016-2

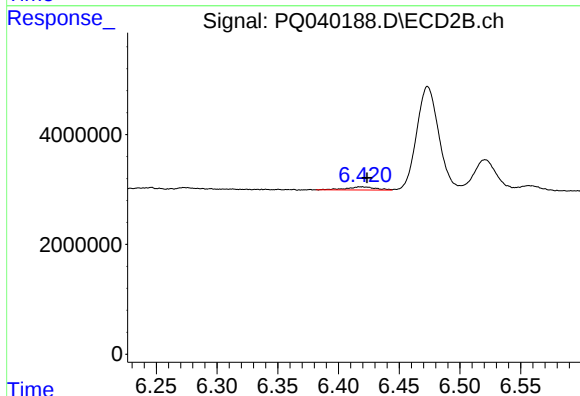
R.T.: 6.183 min
Delta R.T.: -0.026 min
Response: 1358328
Conc: 7.04 ng/ml



#5 AR-1016-3

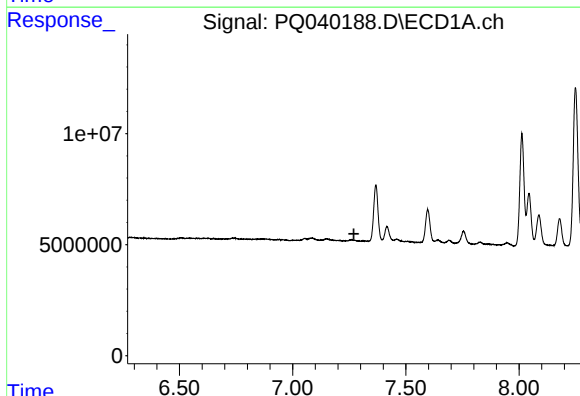
R.T.: 0.000 min
Exp R.T.: 7.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



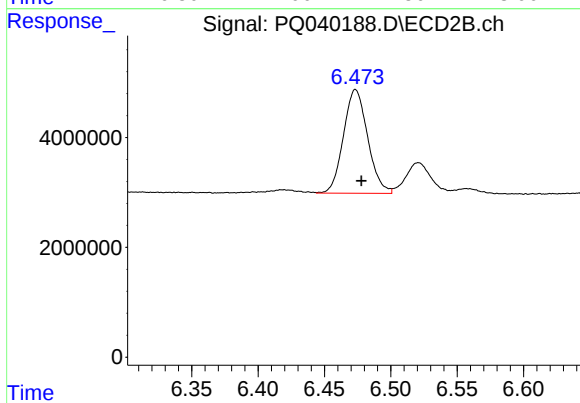
#5 AR-1016-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 921611
Conc: 8.55 ng/ml



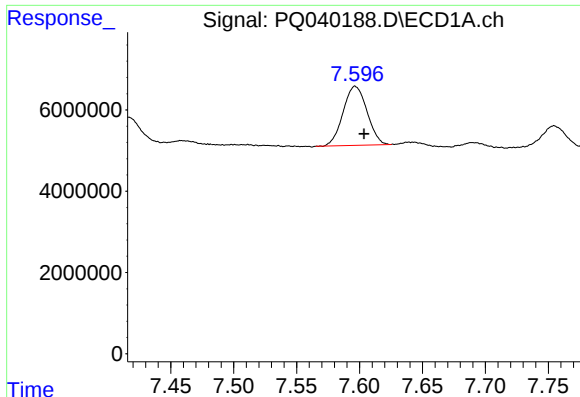
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

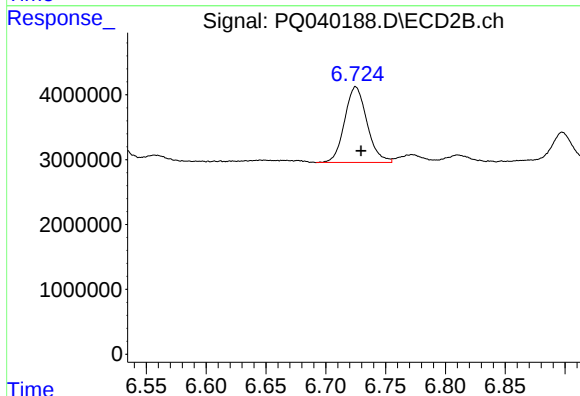
R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 23970229
Conc: 281.51 ng/ml



#7 AR-1016-5

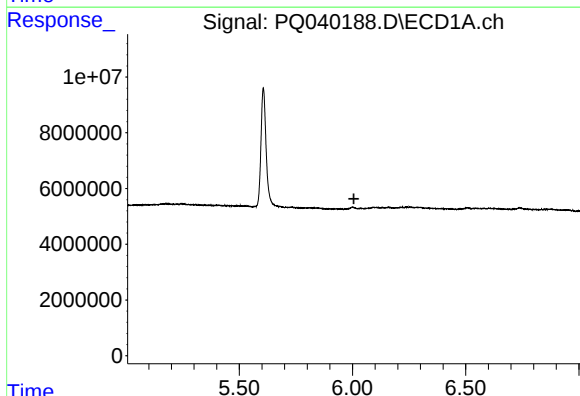
R.T.: 7.597 min
Delta R.T.: -0.007 min
Response: 19255935
Conc: 138.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



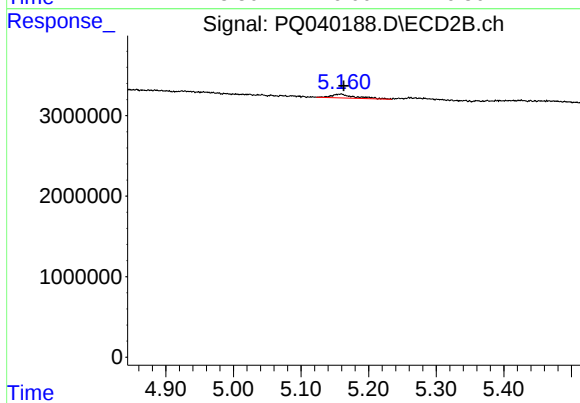
#7 AR-1016-5

R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 15189081
Conc: 131.92 ng/ml



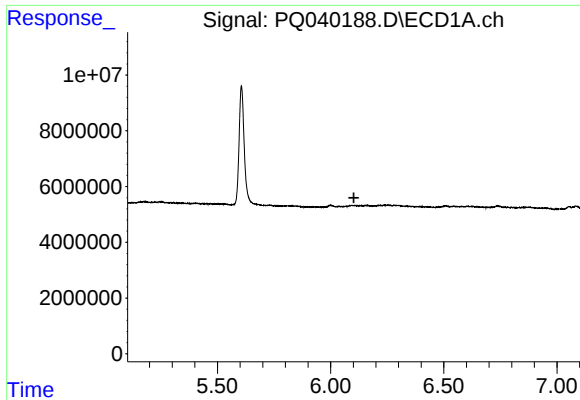
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.006 min
Response: 0
Conc: N.D.



#9 AR-1221-2

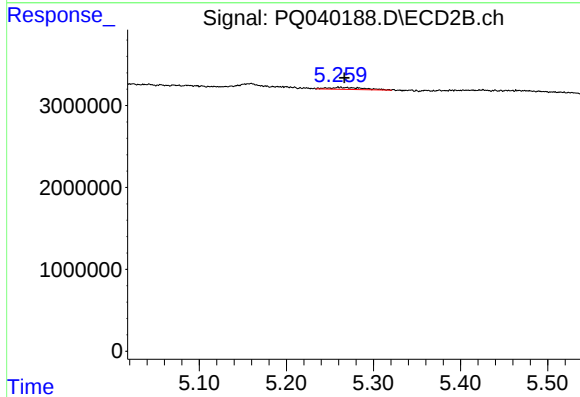
R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 1154274
Conc: 70.87 ng/ml



#10 AR-1221-3

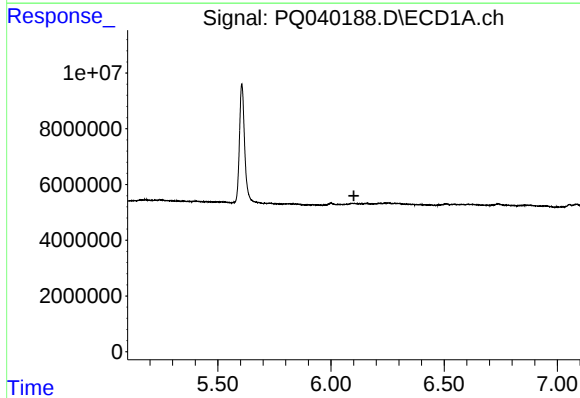
R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



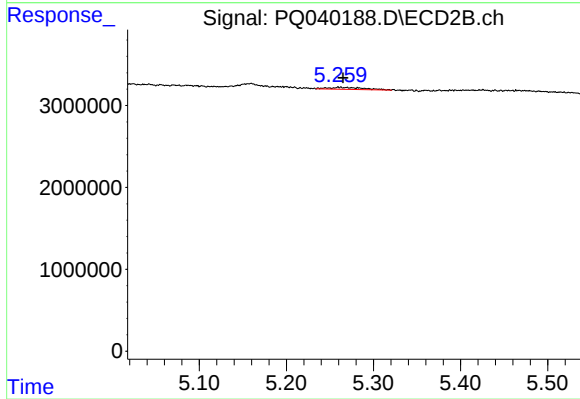
#10 AR-1221-3

R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 643466
Conc: 10.58 ng/ml



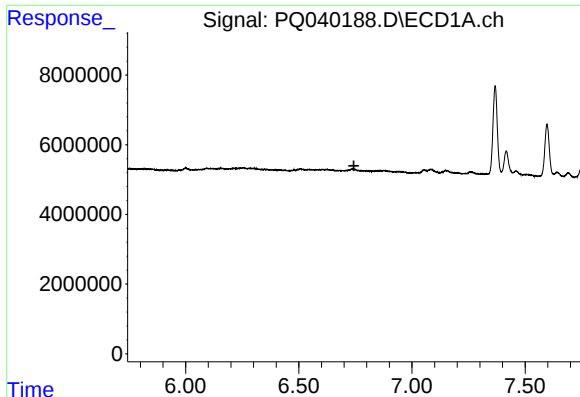
#11 AR-1232-1

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



#11 AR-1232-1

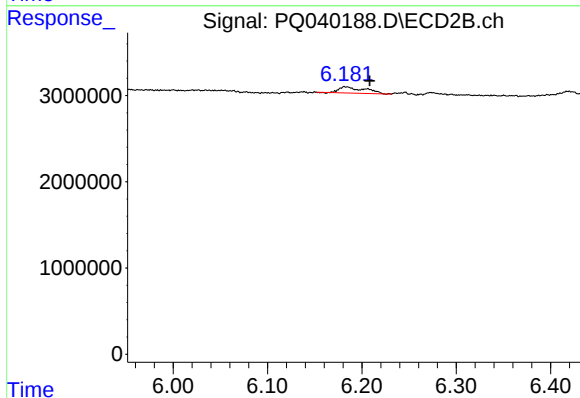
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 643466
Conc: 14.04 ng/ml



#12 AR-1232-2

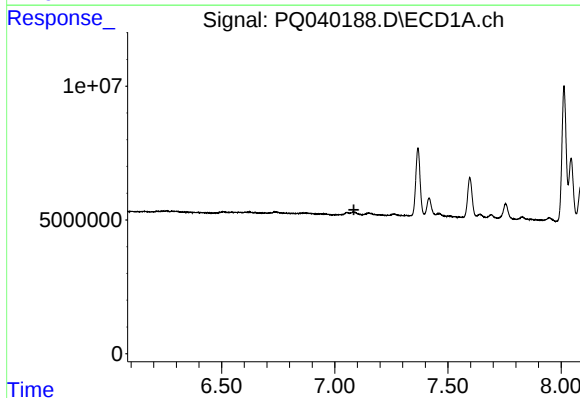
R.T.: 0.000 min
Exp R.T.: 6.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



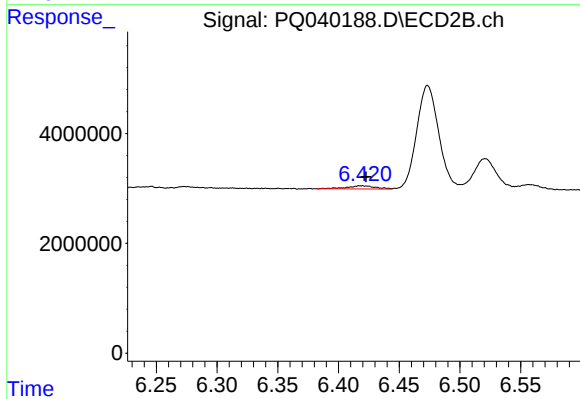
#12 AR-1232-2

R.T.: 6.183 min
Delta R.T.: -0.025 min
Response: 1358328
Conc: 22.64 ng/ml



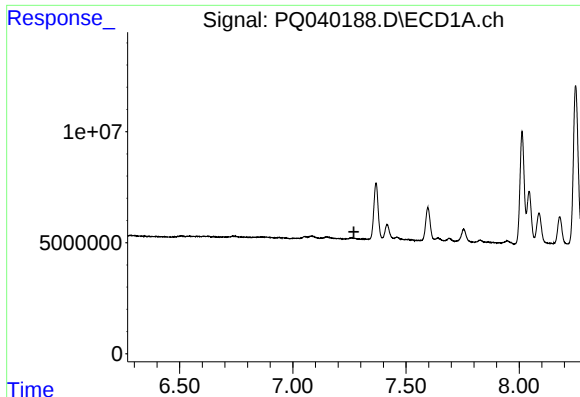
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.



#13 AR-1232-3

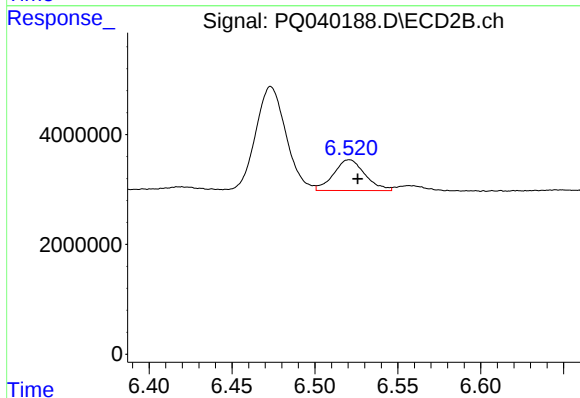
R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 921611
Conc: 26.21 ng/ml



#14 AR-1232-4

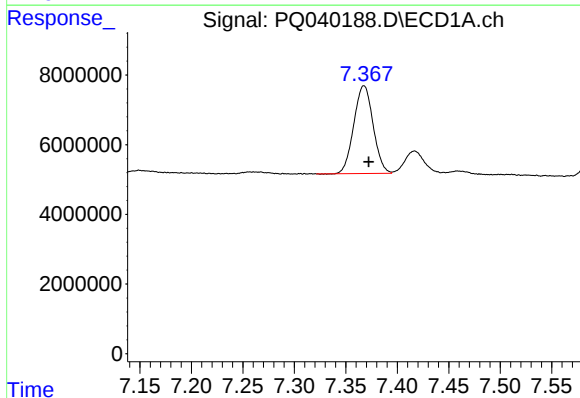
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



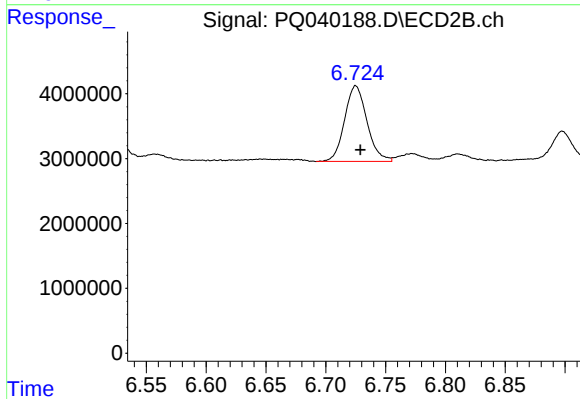
#14 AR-1232-4

R.T.: 6.521 min
Delta R.T.: -0.005 min
Response: 7425992
Conc: 251.32 ng/ml



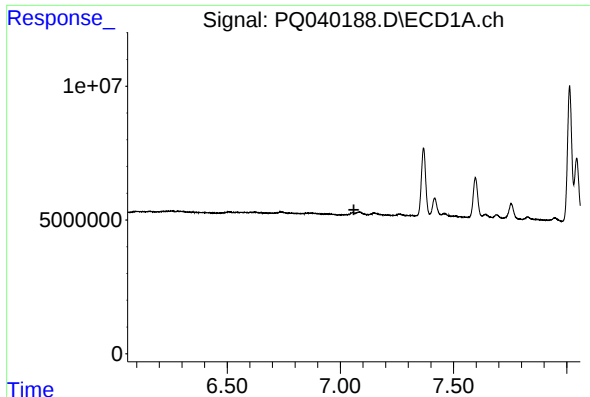
#15 AR-1232-5

R.T.: 7.368 min
Delta R.T.: -0.005 min
Response: 32859143
Conc: 1036.81 ng/ml



#15 AR-1232-5

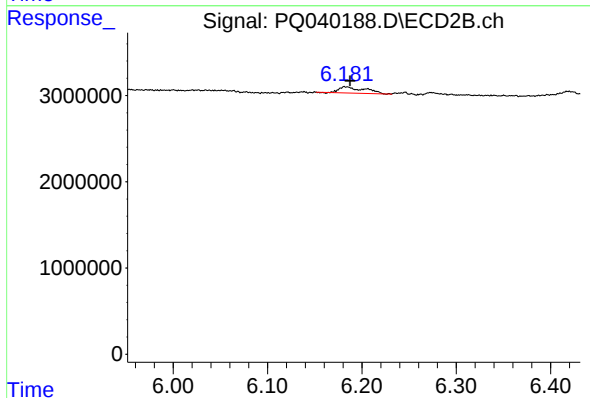
R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 15189081
Conc: 504.55 ng/ml



#16 AR-1242-1

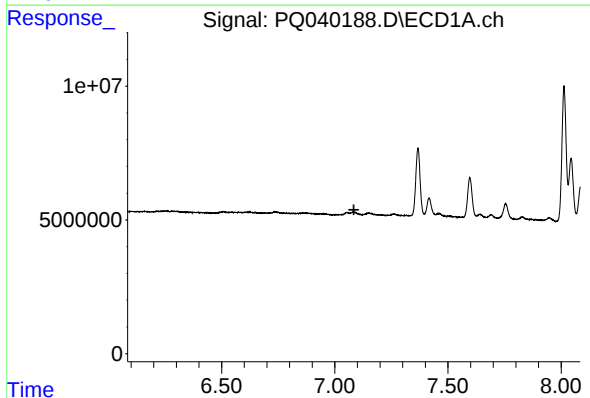
R.T.: 0.000 min
Exp R.T.: 7.060 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



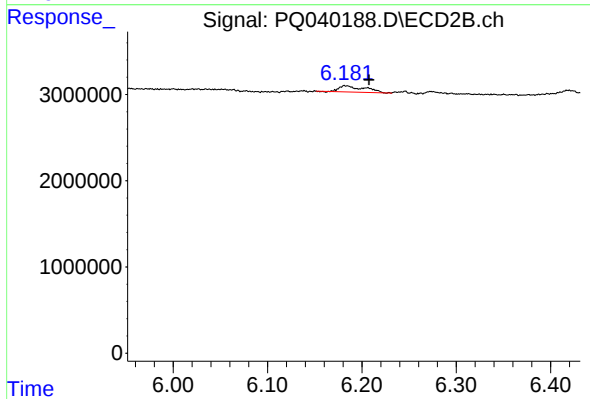
#16 AR-1242-1

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1358328
Conc: 18.37 ng/ml



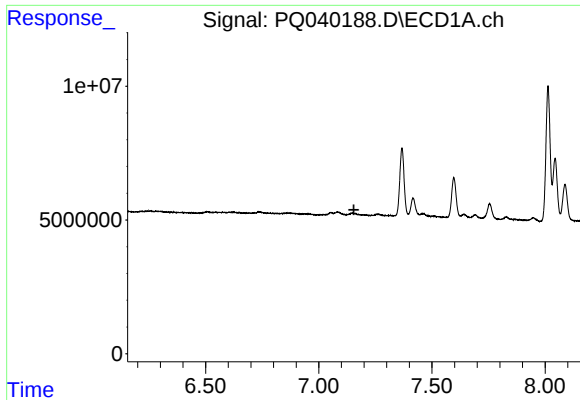
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.



#17 AR-1242-2

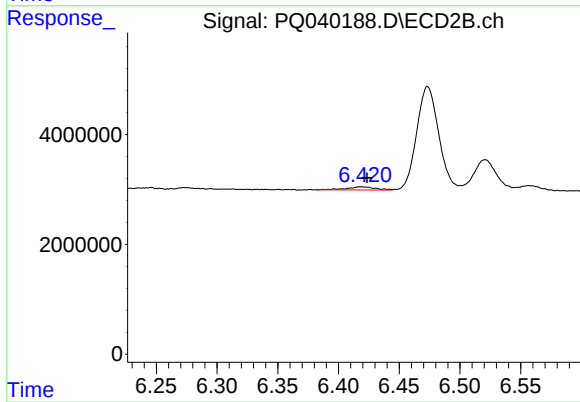
R.T.: 6.183 min
Delta R.T.: -0.024 min
Response: 1358328
Conc: 12.76 ng/ml



#18 AR-1242-3

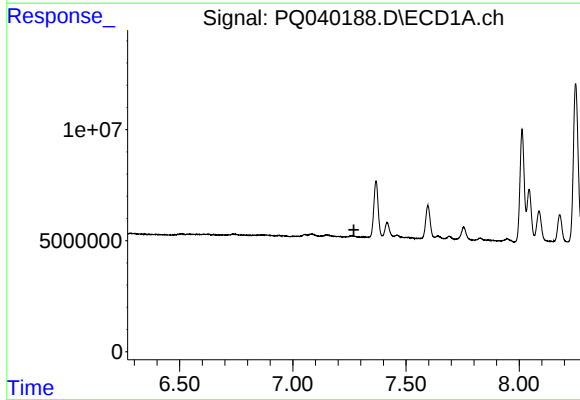
R.T.: 0.000 min
Exp R.T.: 7.155 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



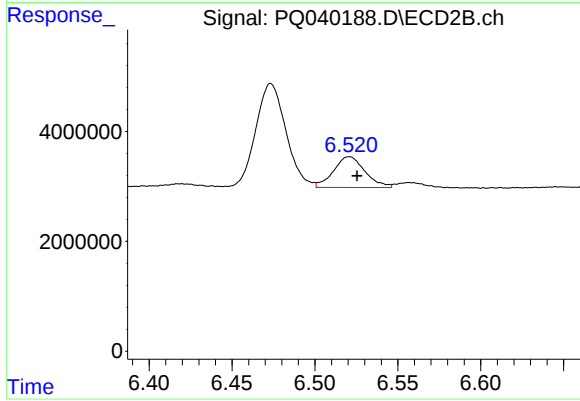
#18 AR-1242-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 921611
Conc: 15.28 ng/ml



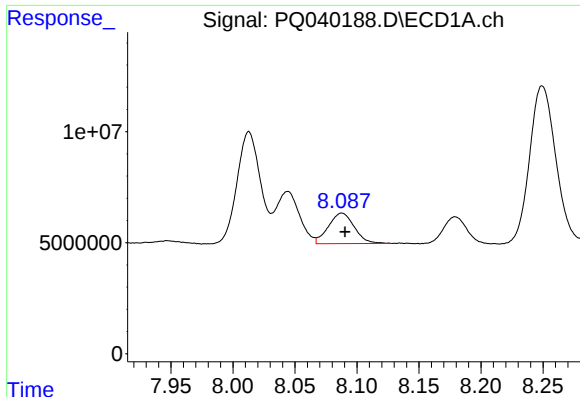
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.



#19 AR-1242-4

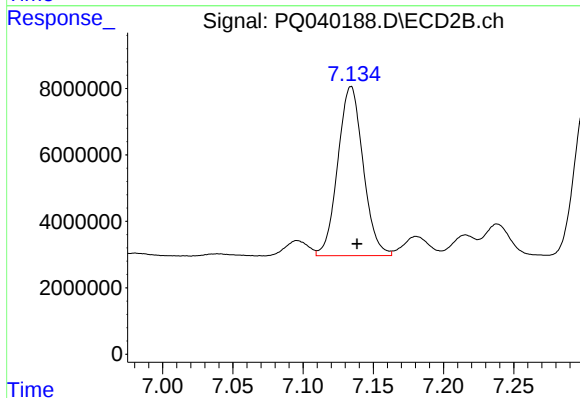
R.T.: 6.521 min
Delta R.T.: -0.005 min
Response: 7425992
Conc: 124.60 ng/ml



#20 AR-1242-5

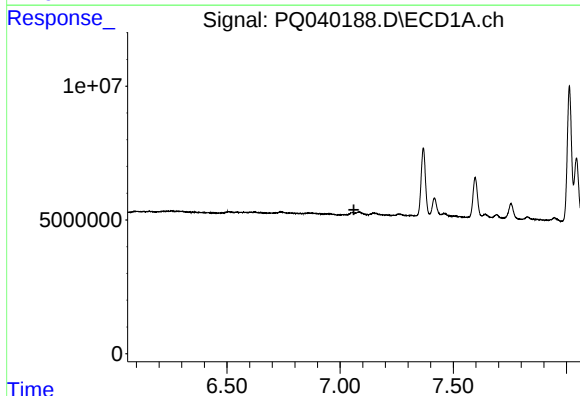
R.T.: 8.088 min
Delta R.T.: -0.003 min
Response: 20055498
Conc: 231.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



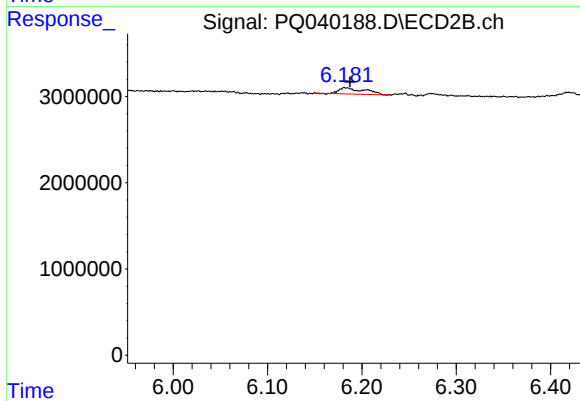
#20 AR-1242-5

R.T.: 7.134 min
Delta R.T.: -0.004 min
Response: 63942379
Conc: 793.44 ng/ml



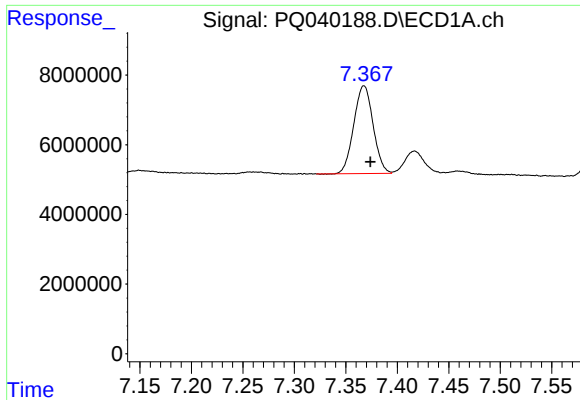
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 7.061 min
Response: 0
Conc: N.D.



#21 AR-1248-1

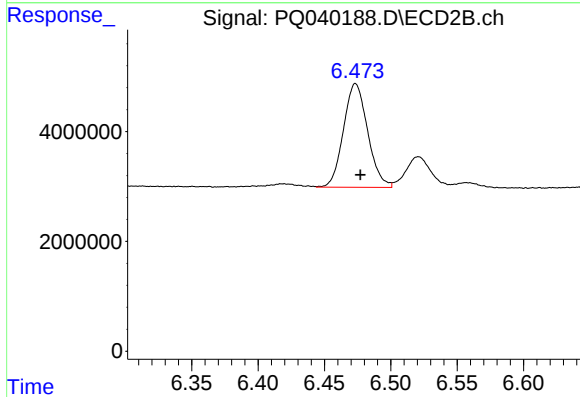
R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1358328
Conc: 23.57 ng/ml



#22 AR-1248-2

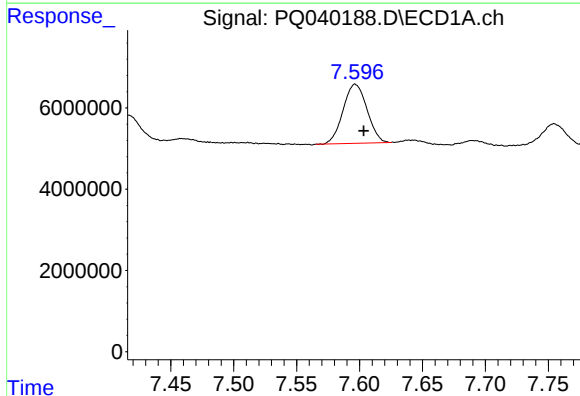
R.T.: 7.368 min
Delta R.T.: -0.006 min
Response: 32859143
Conc: 291.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



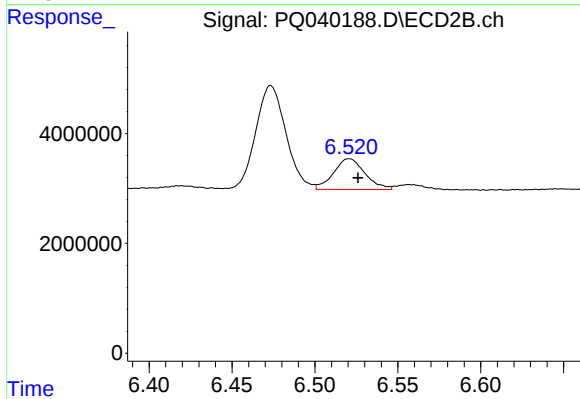
#22 AR-1248-2

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 23970229
Conc: 272.64 ng/ml



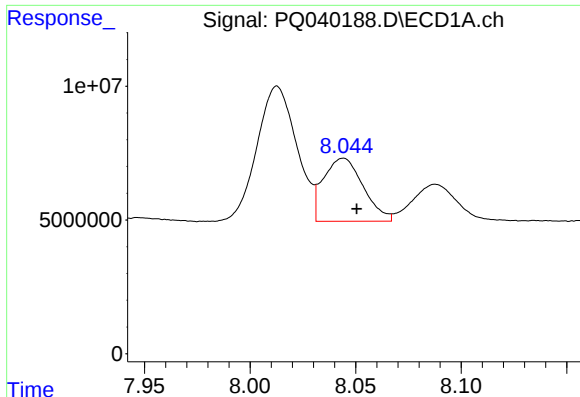
#23 AR-1248-3

R.T.: 7.597 min
Delta R.T.: -0.007 min
Response: 19255935
Conc: 139.51 ng/ml



#23 AR-1248-3

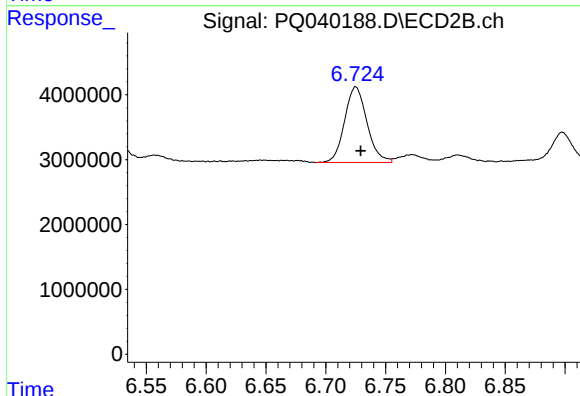
R.T.: 6.521 min
Delta R.T.: -0.005 min
Response: 7425992
Conc: 82.07 ng/ml



#24 AR-1248-4

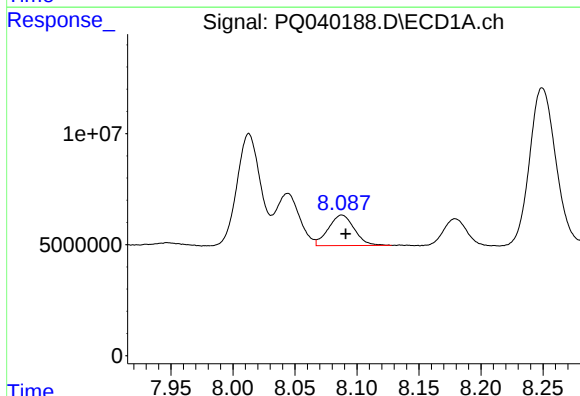
R.T.: 8.044 min
Delta R.T.: -0.006 min
Response: 30963494
Conc: 205.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



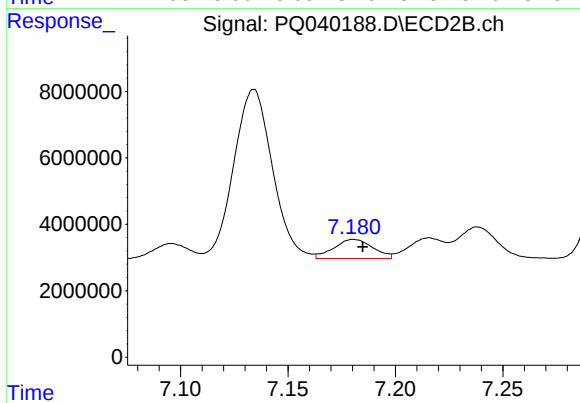
#24 AR-1248-4

R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 15189081
Conc: 137.55 ng/ml



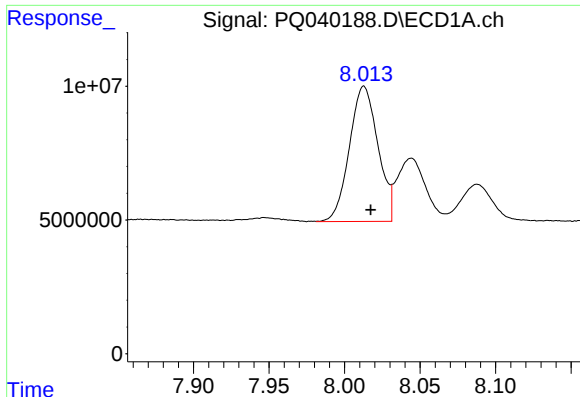
#25 AR-1248-5

R.T.: 8.088 min
Delta R.T.: -0.003 min
Response: 20055498
Conc: 133.21 ng/ml



#25 AR-1248-5

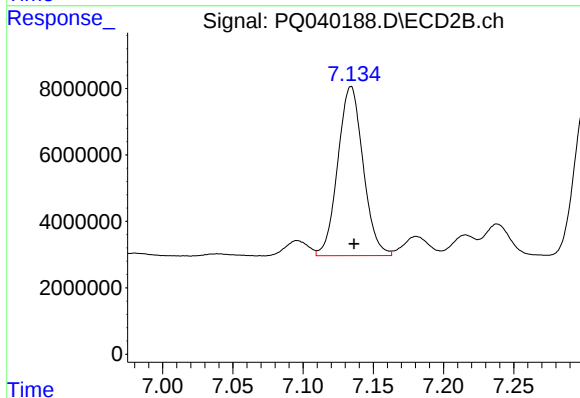
R.T.: 7.181 min
Delta R.T.: -0.004 min
Response: 7310552
Conc: 64.39 ng/ml



#26 AR-1254-1

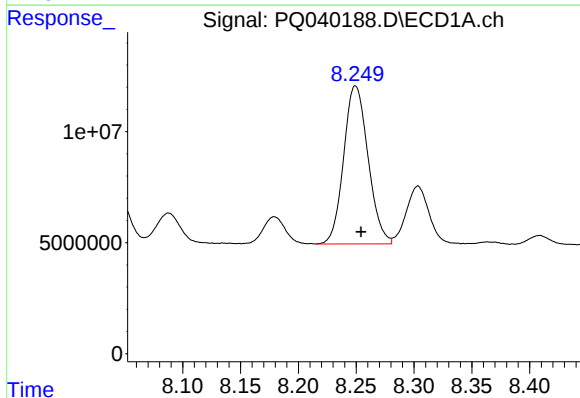
R.T.: 8.013 min
Delta R.T.: -0.005 min
Response: 66331976
Conc: 380.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



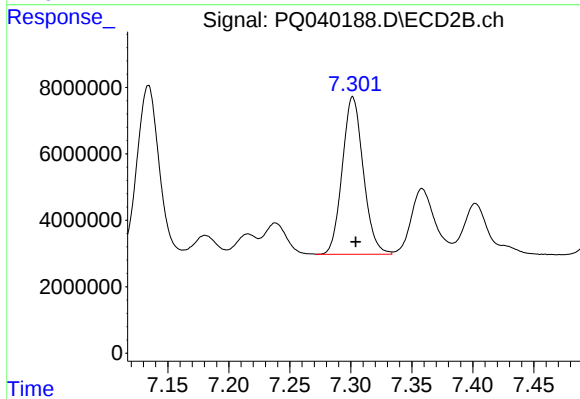
#26 AR-1254-1

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 63942379
Conc: 333.84 ng/ml



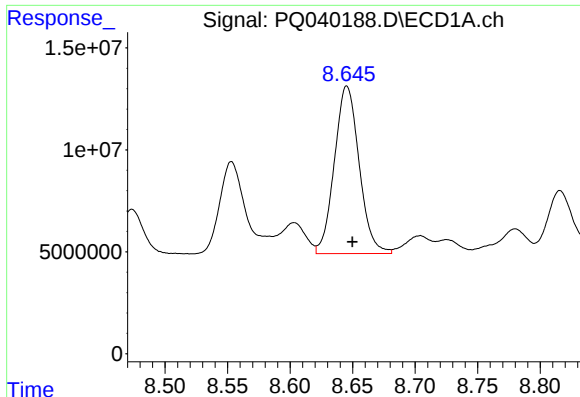
#27 AR-1254-2

R.T.: 8.249 min
Delta R.T.: -0.005 min
Response: 104563265
Conc: 378.09 ng/ml



#27 AR-1254-2

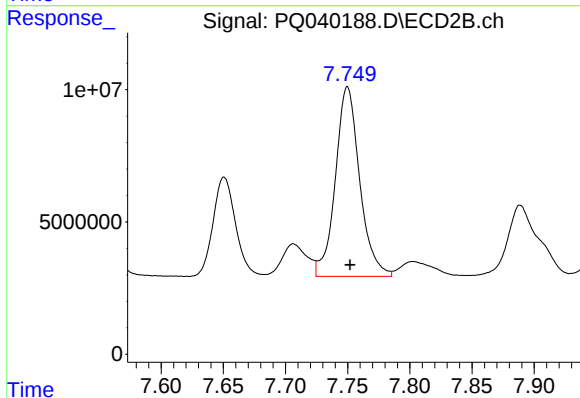
R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 56794670
Conc: 326.91 ng/ml



#28 AR-1254-3

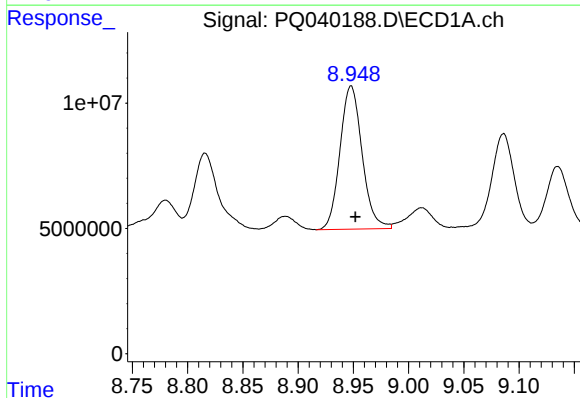
R.T.: 8.645 min
Delta R.T.: -0.004 min
Response: 113307883
Conc: 381.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



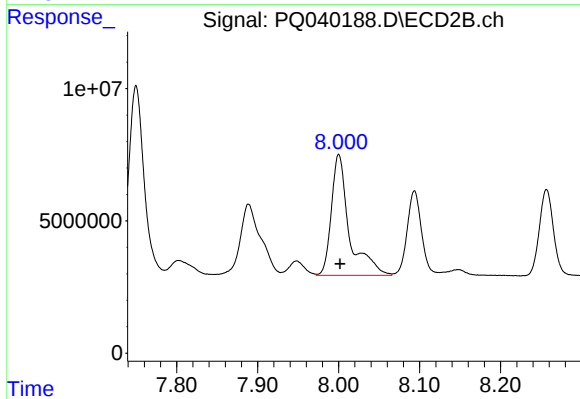
#28 AR-1254-3

R.T.: 7.750 min
Delta R.T.: -0.002 min
Response: 97565625
Conc: 337.62 ng/ml



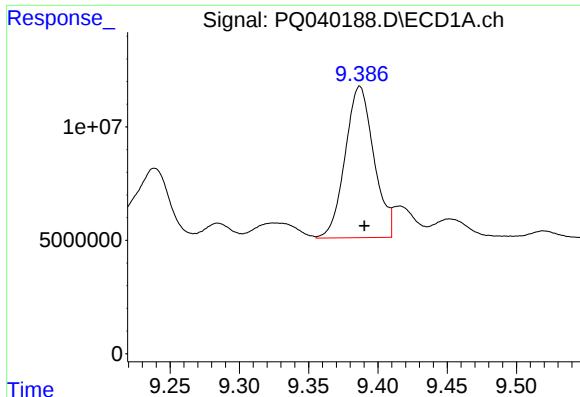
#29 AR-1254-4

R.T.: 8.948 min
Delta R.T.: -0.004 min
Response: 79703592
Conc: 383.51 ng/ml



#29 AR-1254-4

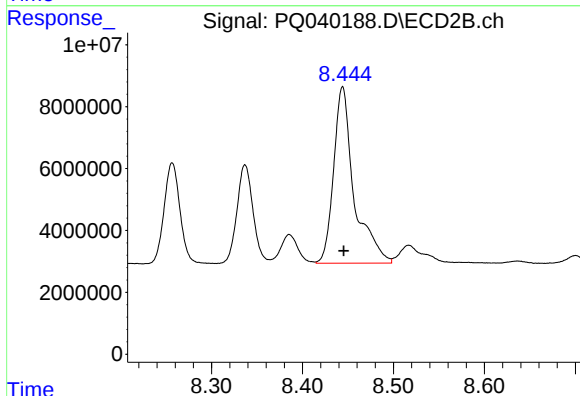
R.T.: 8.000 min
Delta R.T.: -0.002 min
Response: 70428457
Conc: 394.45 ng/ml



#30 AR-1254-5

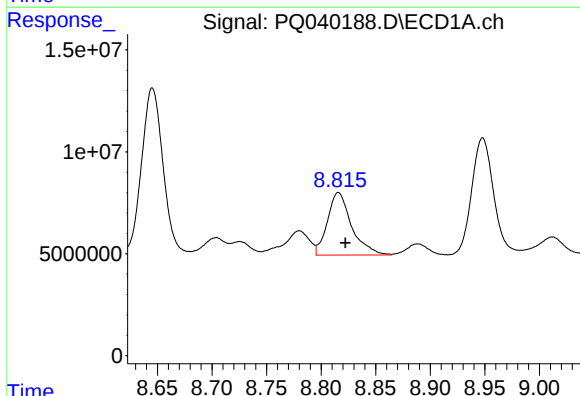
R.T.: 9.387 min
Delta R.T.: -0.003 min
Response: 96133575
Conc: 333.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



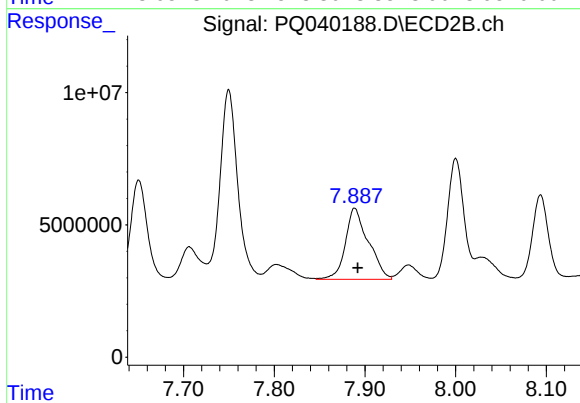
#30 AR-1254-5

R.T.: 8.444 min
Delta R.T.: -0.001 min
Response: 89036655
Conc: 345.60 ng/ml



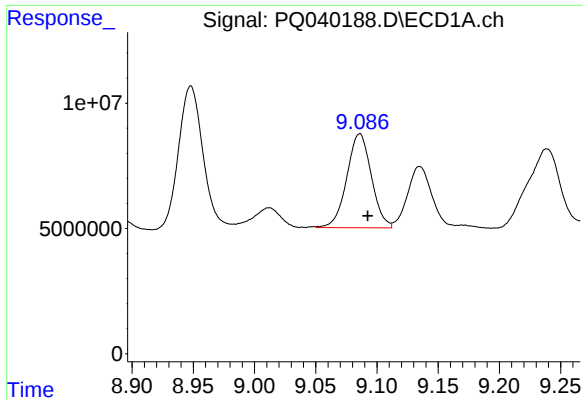
#31 AR-1260-1

R.T.: 8.816 min
Delta R.T.: -0.006 min
Response: 47311921
Conc: 142.33 ng/ml



#31 AR-1260-1

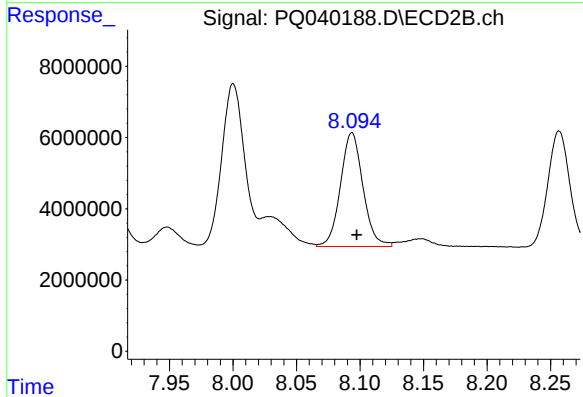
R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 47367293
Conc: 172.79 ng/ml



#32 AR-1260-2

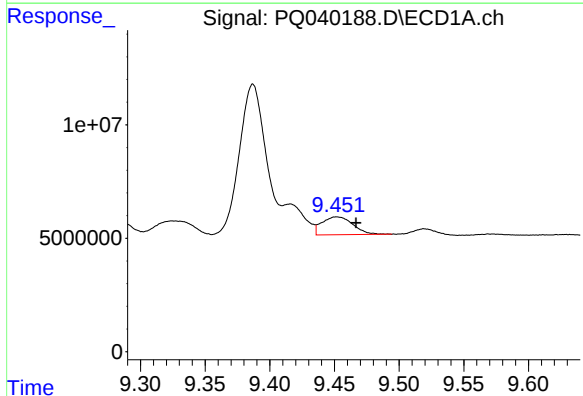
R.T.: 9.086 min
Delta R.T.: -0.007 min
Response: 52388367
Conc: 129.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



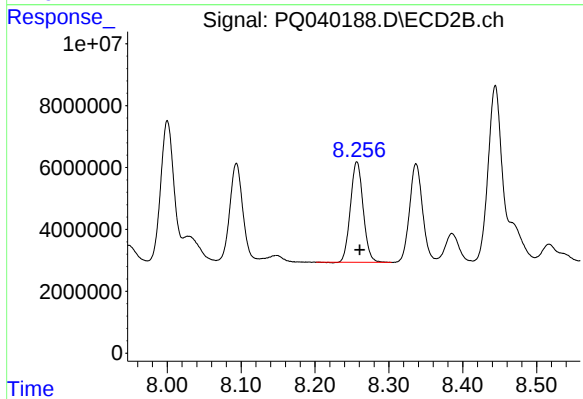
#32 AR-1260-2

R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 39467618
Conc: 114.10 ng/ml



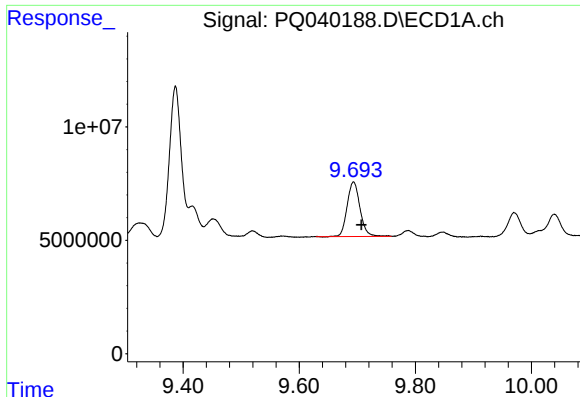
#33 AR-1260-3

R.T.: 9.452 min
Delta R.T.: -0.015 min
Response: 13164754
Conc: 39.91 ng/ml



#33 AR-1260-3

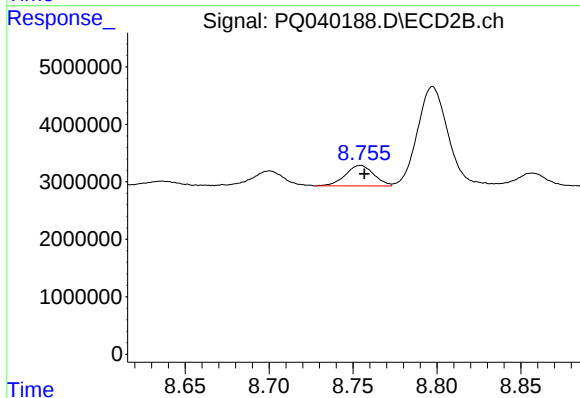
R.T.: 8.257 min
Delta R.T.: -0.004 min
Response: 38920687
Conc: 121.36 ng/ml



#34 AR-1260-4

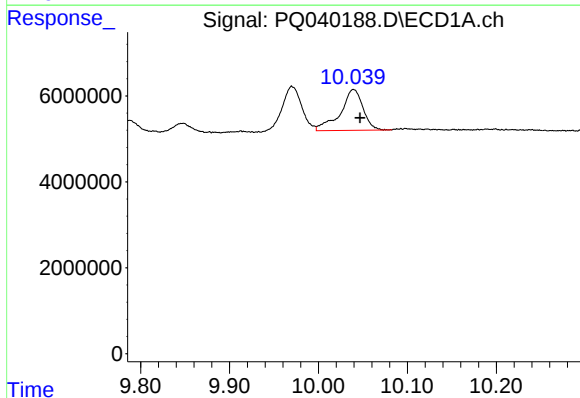
R.T.: 9.694 min
Delta R.T.: -0.014 min
Response: 36918717
Conc: 100.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



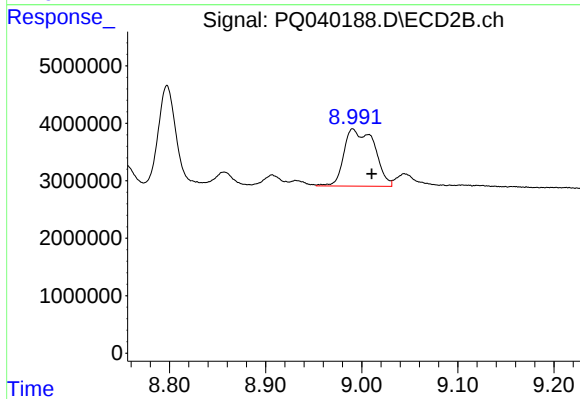
#34 AR-1260-4

R.T.: 8.754 min
Delta R.T.: -0.002 min
Response: 4211765
Conc: 15.50 ng/ml



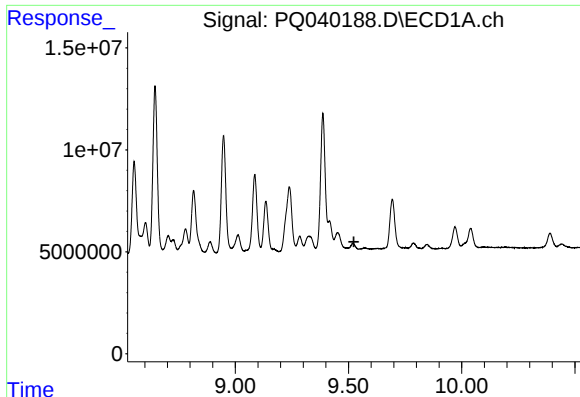
#35 AR-1260-5

R.T.: 10.040 min
Delta R.T.: -0.007 min
Response: 16858165
Conc: 21.89 ng/ml



#35 AR-1260-5

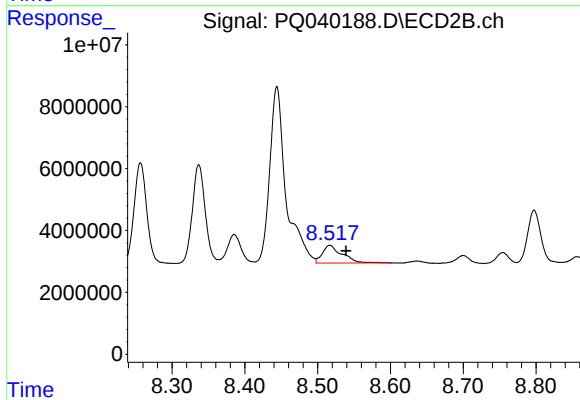
R.T.: 8.991 min
Delta R.T.: -0.019 min
Response: 21842390
Conc: 32.49 ng/ml



#36 AR-1262-1

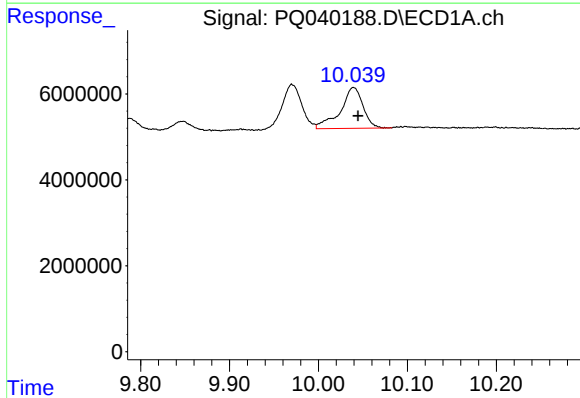
R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



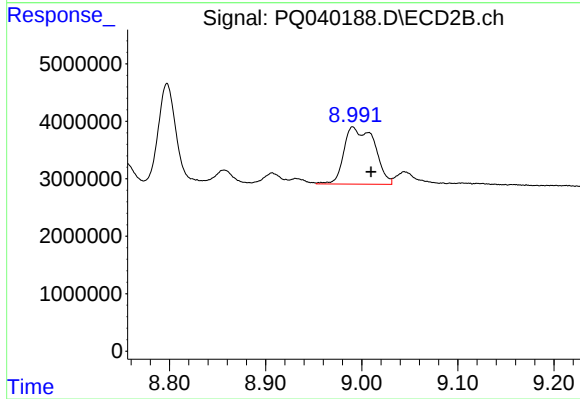
#36 AR-1262-1

R.T.: 8.517 min
Delta R.T.: -0.022 min
Response: 10823830
Conc: 95.32 ng/ml



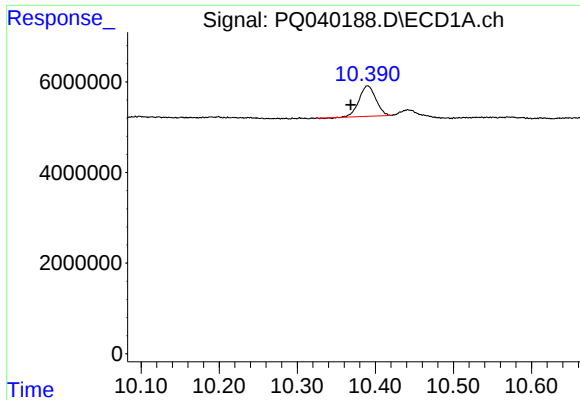
#37 AR-1262-2

R.T.: 10.040 min
Delta R.T.: -0.005 min
Response: 16858165
Conc: 29.13 ng/ml



#37 AR-1262-2

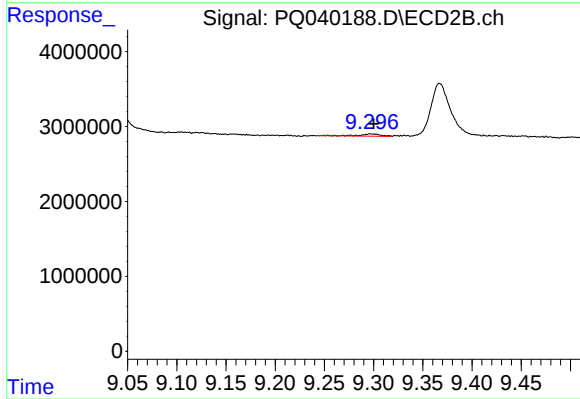
R.T.: 8.991 min
Delta R.T.: -0.018 min
Response: 21842390
Conc: 44.02 ng/ml



#38 AR-1262-3

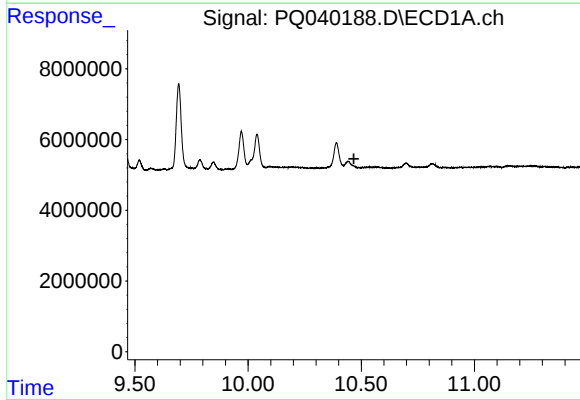
R.T.: 10.390 min
Delta R.T.: 0.022 min
Response: 9965152
Conc: 23.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254336



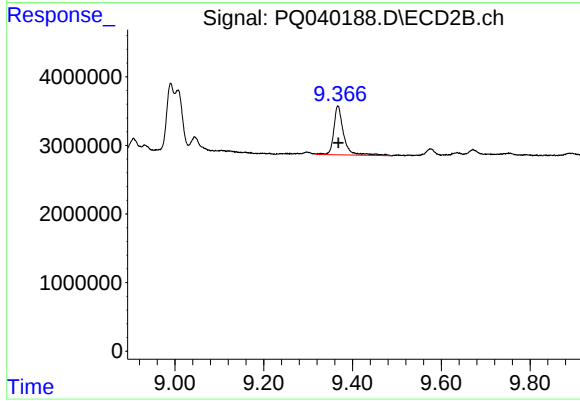
#38 AR-1262-3

R.T.: 9.298 min
Delta R.T.: -0.002 min
Response: 441156
Conc: 2.10 ng/ml



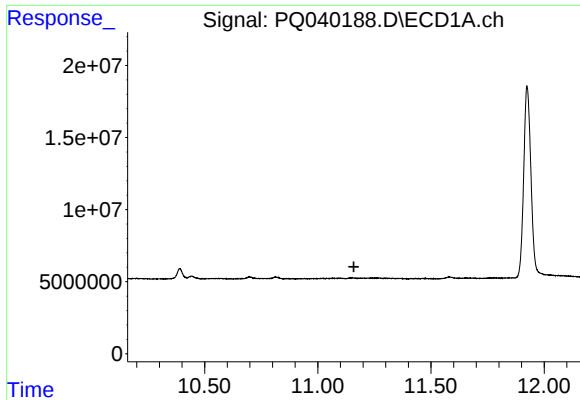
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 10.467 min
Response: 0
Conc: N.D.



#39 AR-1262-4

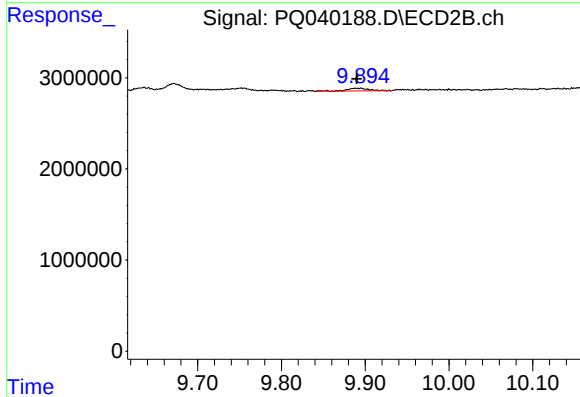
R.T.: 9.367 min
Delta R.T.: 0.000 min
Response: 11010243
Conc: 29.08 ng/ml



#40 AR-1262-5

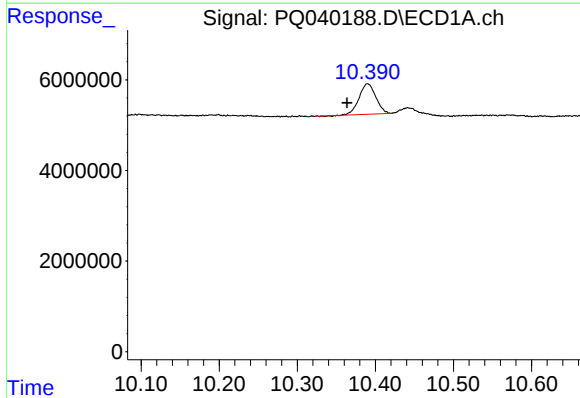
R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



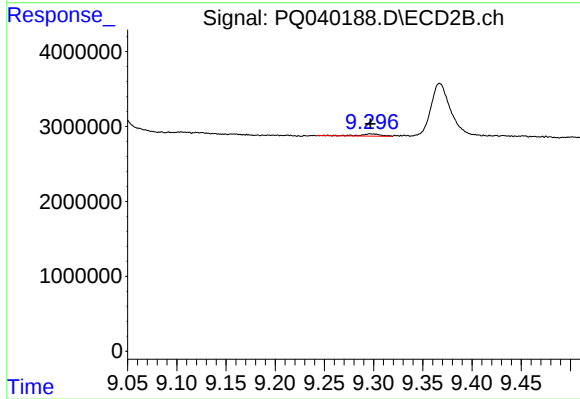
#40 AR-1262-5

R.T.: 9.891 min
Delta R.T.: 0.001 min
Response: 508274
Conc: 3.13 ng/ml



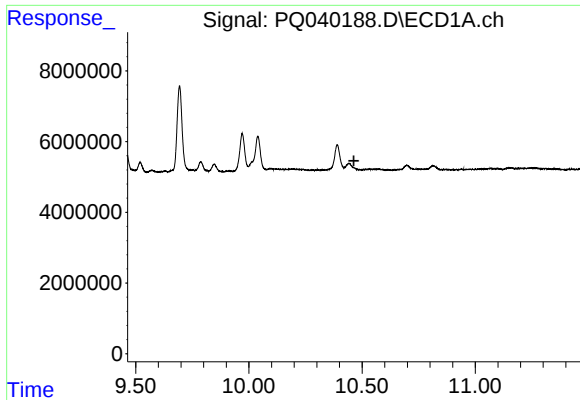
#41 AR-1268-1

R.T.: 10.390 min
Delta R.T.: 0.026 min
Response: 9965152
Conc: 16.54 ng/ml



#41 AR-1268-1

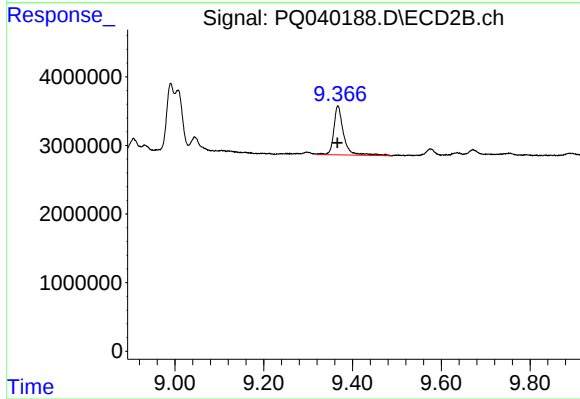
R.T.: 9.298 min
Delta R.T.: 0.001 min
Response: 441156
Conc: 0.97 ng/ml



#42 AR-1268-2

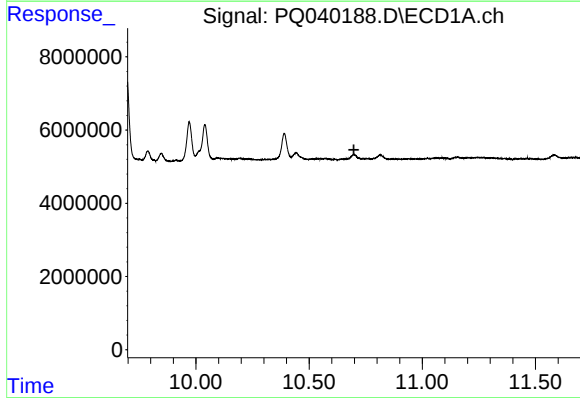
R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



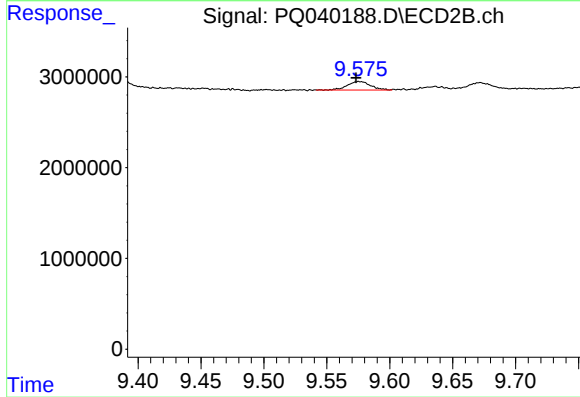
#42 AR-1268-2

R.T.: 9.367 min
Delta R.T.: 0.002 min
Response: 11010243
Conc: 25.18 ng/ml



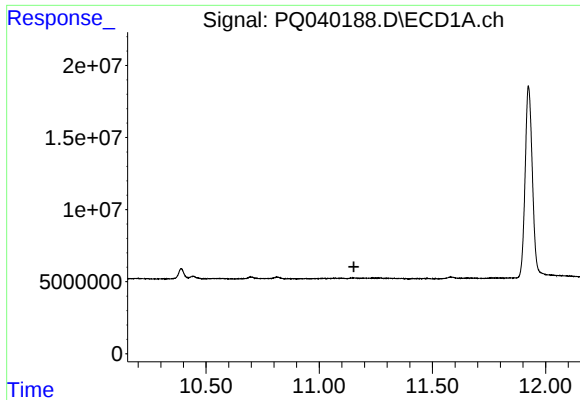
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.



#43 AR-1268-3

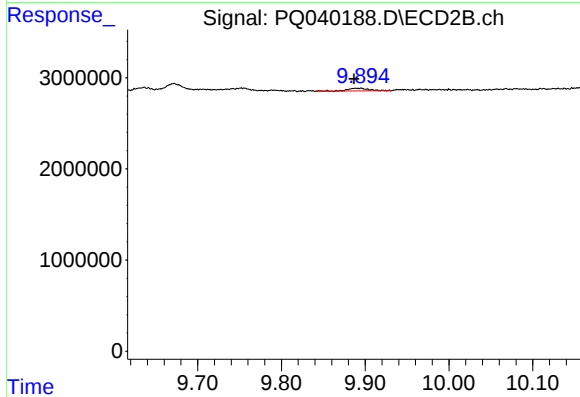
R.T.: 9.576 min
Delta R.T.: 0.003 min
Response: 1195894
Conc: 3.19 ng/ml



#44 AR-1268-4

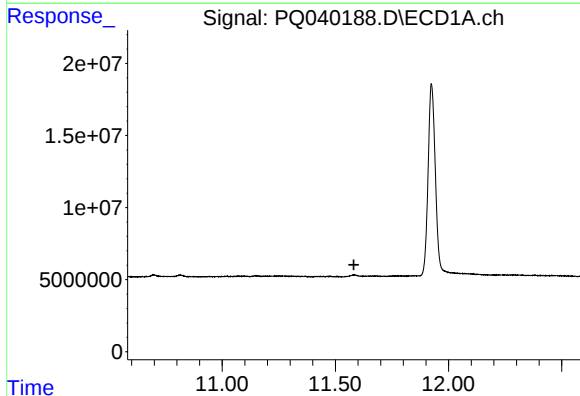
R.T.: 0.000 min
Exp R.T. : 11.153 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254336



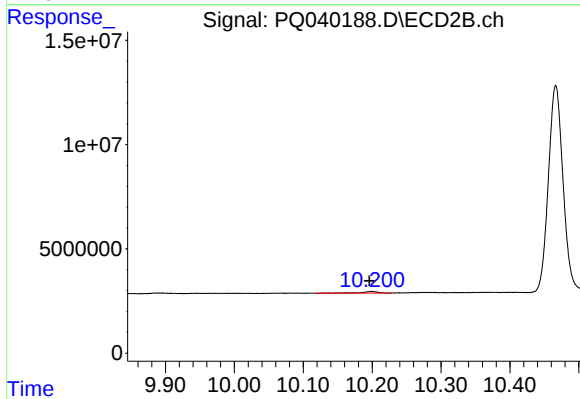
#44 AR-1268-4

R.T.: 9.891 min
Delta R.T.: 0.004 min
Response: 508274
Conc: 3.69 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.582 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.199 min
Delta R.T.: 0.003 min
Response: 1258750
Conc: 1.07 ng/ml