

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041640.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 03:17
 Operator : SM\AJ
 Sample : K4022-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 04:04:36 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...	5.706	4.763	37963851	30470121	9.917	10.136
2)	SA Decachlor...	12.104	10.519	138.8E6	74374379	13.421	16.322
Target Compounds							
3)	L1 AR-1016-1	7.145	6.211	47663945	35238363	273.096	240.843
4)	L1 AR-1016-2	7.145	6.211	47663945	35238363	180.736	169.300
5)	L1 AR-1016-3	0.000	6.513	0	6333202	N.D.	56.093 #
6)	L1 AR-1016-4	7.329	6.513	28023513	6333202	207.938	69.469 #
7)	L1 AR-1016-5	7.671	6.766	87354123	21991803	656.453	182.990 #
10)	L2 AR-1221-3	0.000	5.359	0	2178957	N.D.	20.567 #
11)	L3 AR-1232-1	0.000	5.359	0	2178957	N.D.	28.722 #
12)	L3 AR-1232-2	0.000	6.211	0	35238363	N.D.	377.202 #
13)	L3 AR-1232-3	7.145	6.513	47663945	6333202	421.130	131.577 #
14)	L3 AR-1232-4	7.329	6.513	28023513	6333202	474.107	146.892 #
15)	L3 AR-1232-5	7.498	6.766	8852881	21991803	239.884	454.643 #
16)	L4 AR-1242-1	7.145	6.211	47663945	35238363	380.523	333.891
17)	L4 AR-1242-2	7.145	6.211	47663945	35238363	250.291	227.247
18)	L4 AR-1242-3	0.000	6.513	0	6333202	N.D.	75.890 #
19)	L4 AR-1242-4	7.329	6.513	28023513	6333202	285.902	77.756 #
20)	L4 AR-1242-5	8.208	7.159	14470324	41500513	109.147	332.457 #
21)	L5 AR-1248-1	7.145	6.211	47663945	35238363	513.851	438.735
22)	L5 AR-1248-2	7.498	6.513	8852881	6333202	71.941	56.539
23)	L5 AR-1248-3	7.671	6.513	87354123	6333202	556.270	54.867 #
24)	L5 AR-1248-4	8.147	6.766	149.5E6	21991803	692.319	151.923 #
25)	L5 AR-1248-5	8.208	7.218	14470324	8378199	67.949	49.787 #
26)	L6 AR-1254-1	8.090	7.159	7158885	41500513	35.317	163.192 #
27)	L6 AR-1254-2	8.357	7.328	23148596	5110724	67.021	22.338 #
28)	L6 AR-1254-3	8.751	7.803	12036677	5187501	29.047	12.781 #
29)	L6 AR-1254-4	9.020	8.048	4703414	3285039	12.995	12.025
30)	L6 AR-1254-5	9.503	8.476	8692624	7176952	21.649	17.975
31)	L7 AR-1260-1	0.000	7.934	0	2334489	N.D.	8.778 #
32)	L7 AR-1260-2	9.181	8.121	30586935	1599723	66.730	4.409 #
33)	L7 AR-1260-3	9.543	8.335	2208128	1405136	5.201	4.475
34)	L7 AR-1260-4	0.000	8.797	0	1306747	N.D.	4.590 #
35)	L7 AR-1260-5	10.150	9.039	8000335	4971256	7.487	6.686
36)	L8 AR-1262-1	9.693	8.590	3215723	2510329	13.098	13.052
37)	L8 AR-1262-2	10.150	9.039	8000335	4971256	6.588	5.917
38)	L8 AR-1262-3	0.000	9.332	0	710232	N.D.	2.019 #
39)	L8 AR-1262-4	0.000	9.400	0	1484732	N.D.	2.526 #
40)	L8 AR-1262-5	0.000	9.922	0	3970608	N.D.	16.547 #
41)	L9 AR-1268-1	0.000	9.332	0	710232	N.D.	0.622 #
42)	L9 AR-1268-2	0.000	9.400	0	1484732	N.D.	1.528 #
43)	L9 AR-1268-3	0.000	9.618	0	971387	N.D.	1.217 #

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 04:04:36 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	0.000	9.922	0	3970608	N.D.	12.939 #

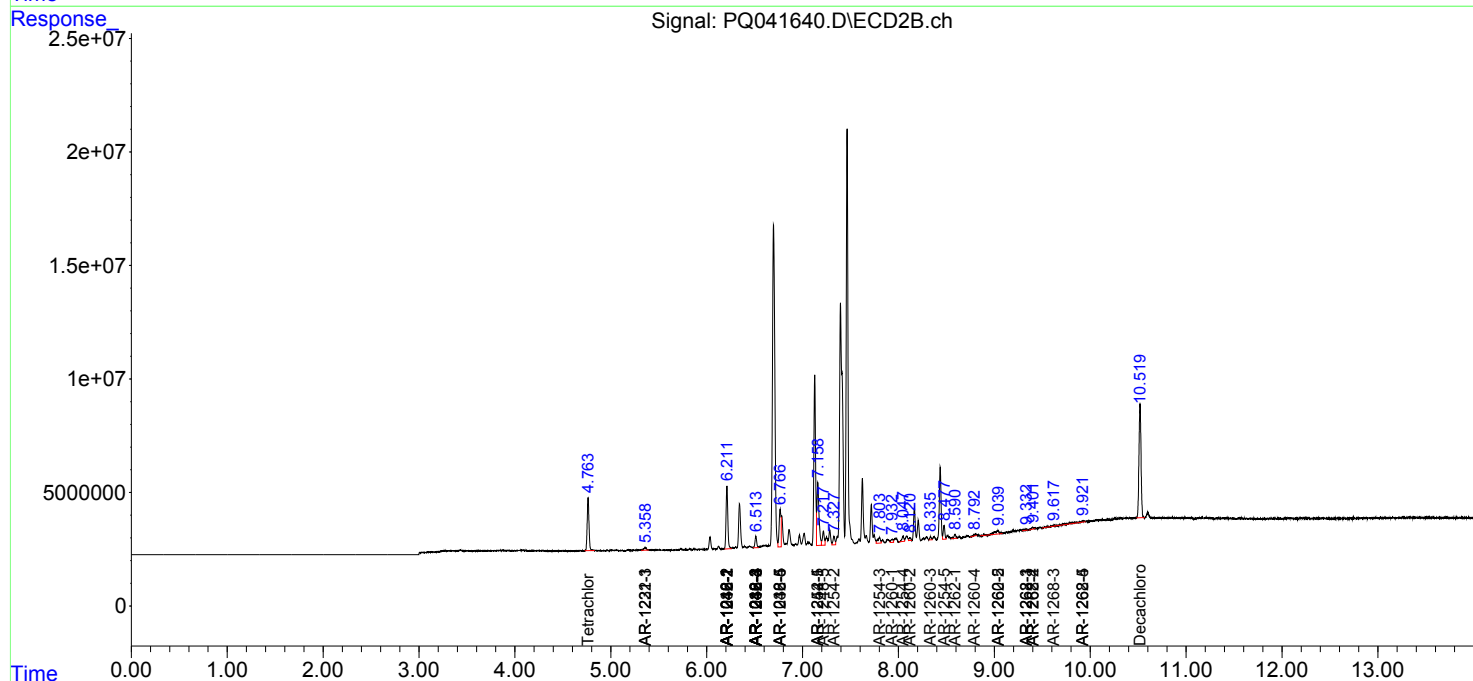
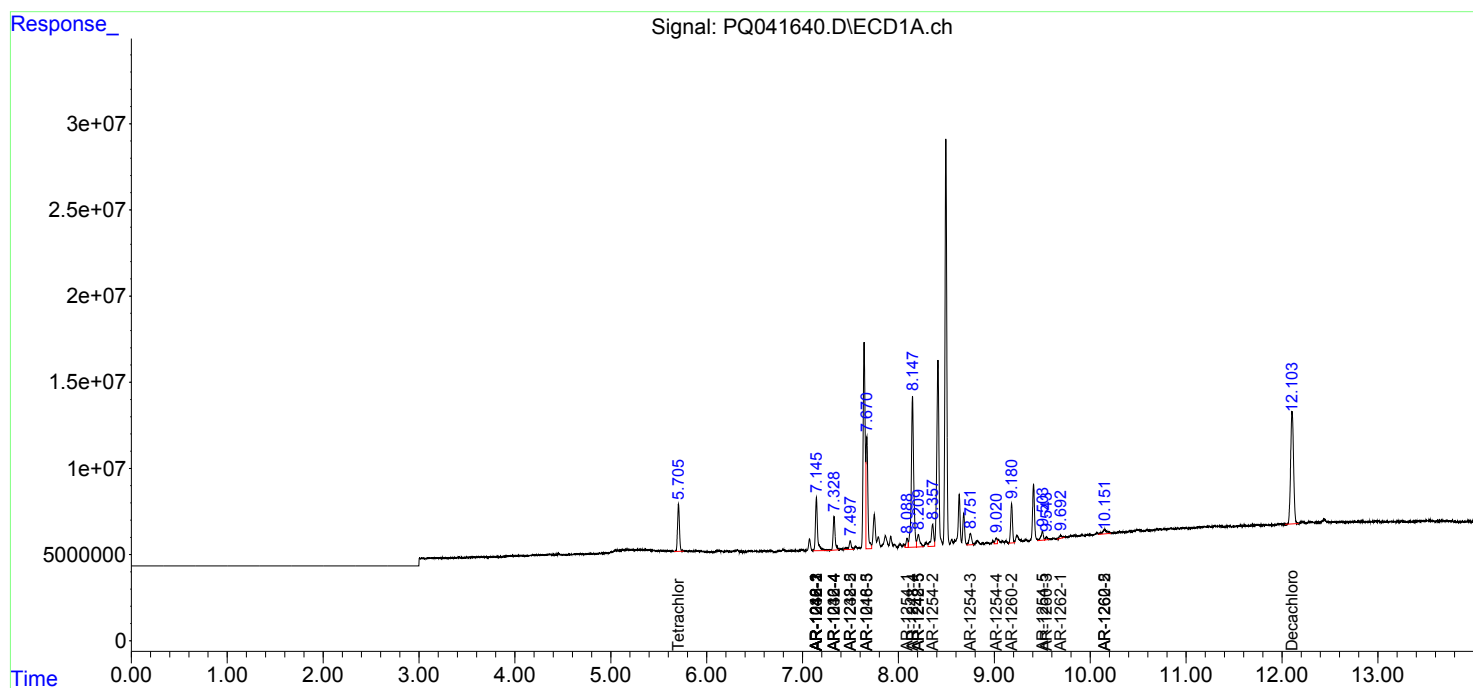
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

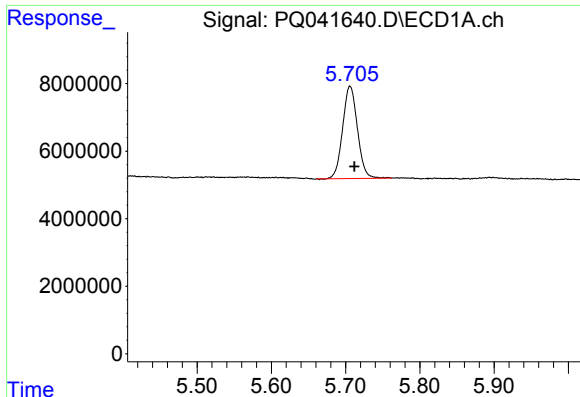
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

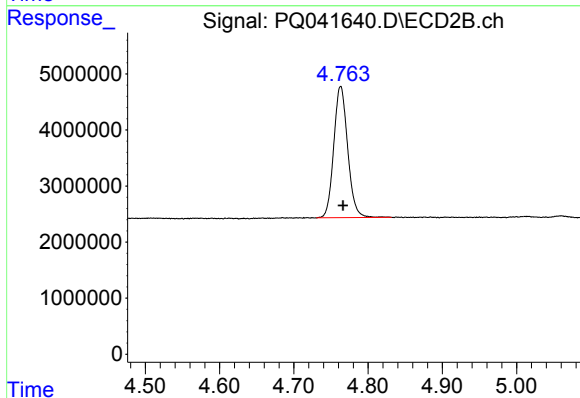




#1 Tetrachloro-m-xylene

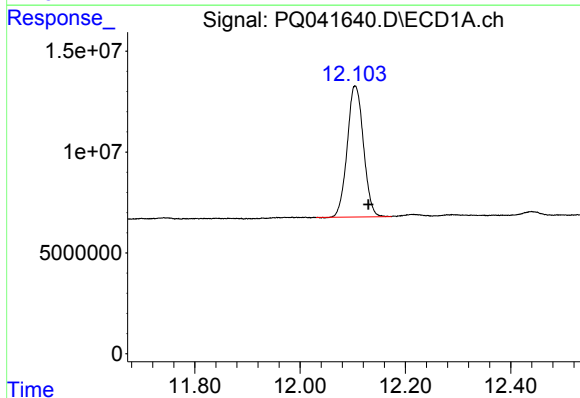
R.T.: 5.706 min
Delta R.T.: -0.006 min
Response: 37963851
Conc: 9.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



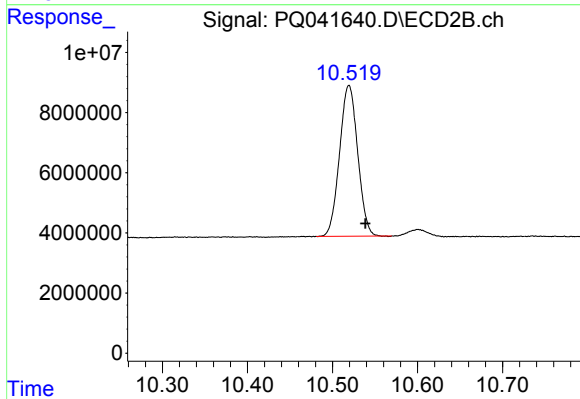
#1 Tetrachloro-m-xylene

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 30470121
Conc: 10.14 ng/ml



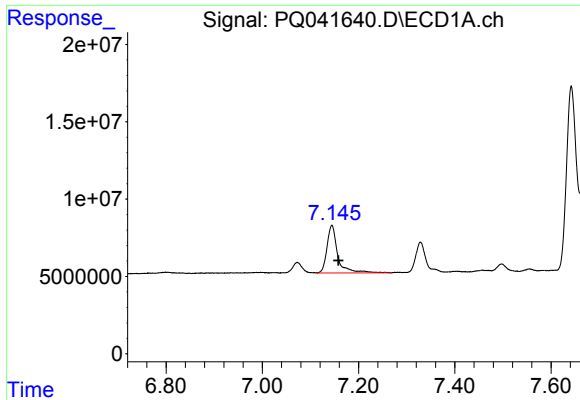
#2 Decachlorobiphenyl

R.T.: 12.104 min
Delta R.T.: -0.025 min
Response: 138827447
Conc: 13.42 ng/ml



#2 Decachlorobiphenyl

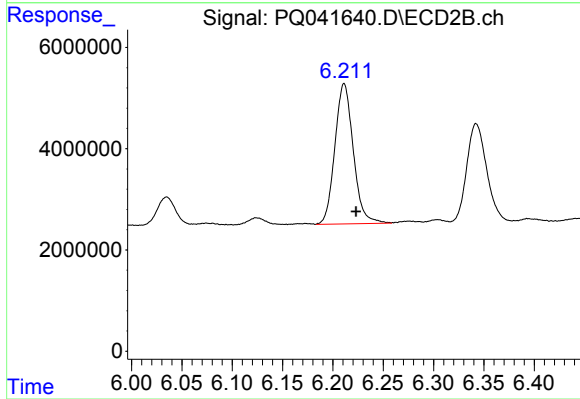
R.T.: 10.519 min
Delta R.T.: -0.020 min
Response: 74374379
Conc: 16.32 ng/ml



#3 AR-1016-1

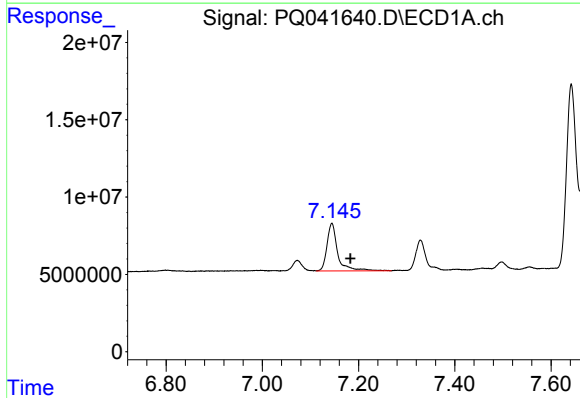
R.T.: 7.145 min
Delta R.T.: -0.014 min
Response: 47663945
Conc: 273.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



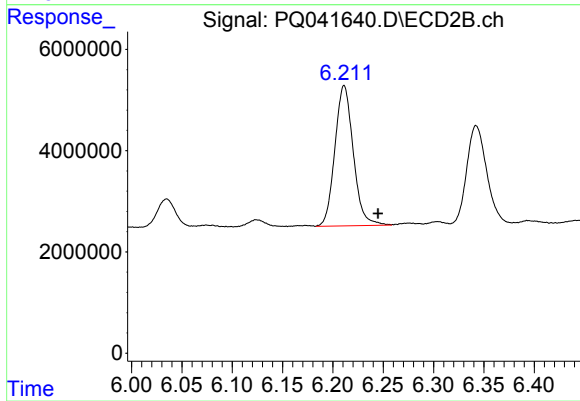
#3 AR-1016-1

R.T.: 6.211 min
Delta R.T.: -0.012 min
Response: 35238363
Conc: 240.84 ng/ml



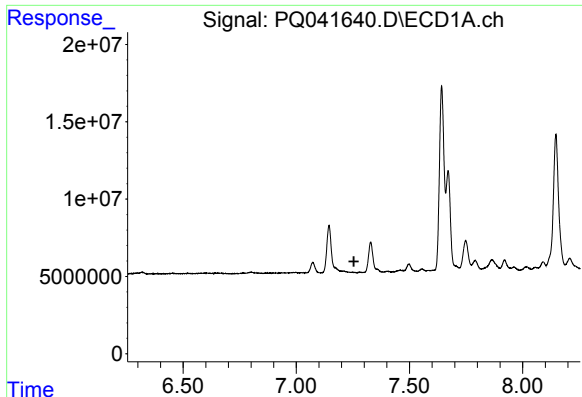
#4 AR-1016-2

R.T.: 7.145 min
Delta R.T.: -0.039 min
Response: 47663945
Conc: 180.74 ng/ml



#4 AR-1016-2

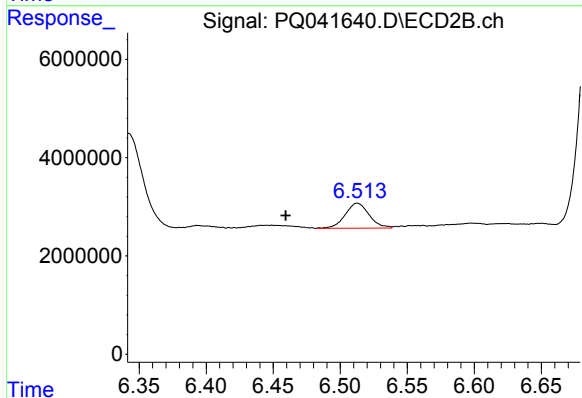
R.T.: 6.211 min
Delta R.T.: -0.034 min
Response: 35238363
Conc: 169.30 ng/ml



#5 AR-1016-3

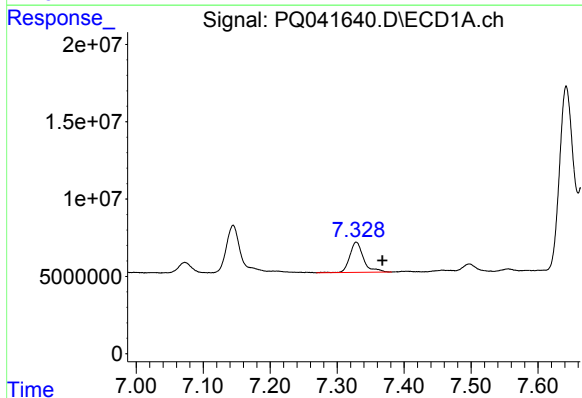
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



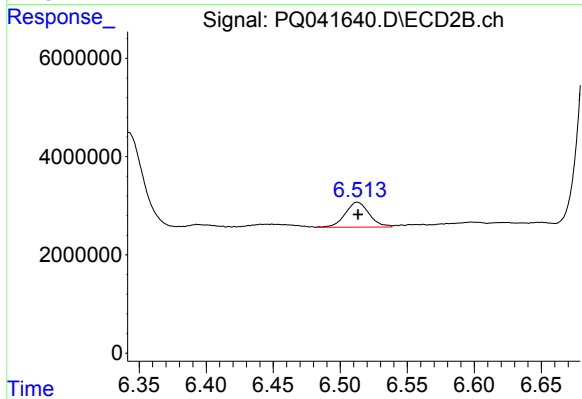
#5 AR-1016-3

R.T.: 6.513 min
Delta R.T.: 0.053 min
Response: 6333202
Conc: 56.09 ng/ml



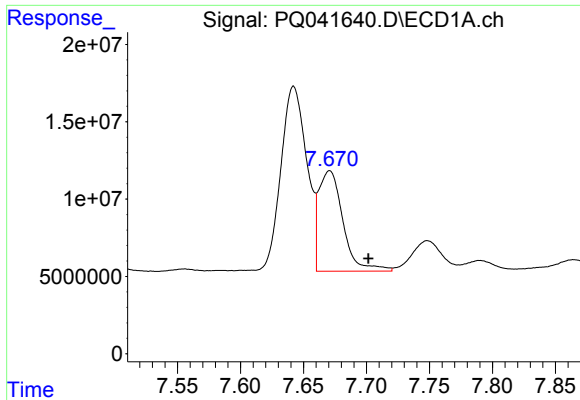
#6 AR-1016-4

R.T.: 7.329 min
Delta R.T.: -0.039 min
Response: 28023513
Conc: 207.94 ng/ml



#6 AR-1016-4

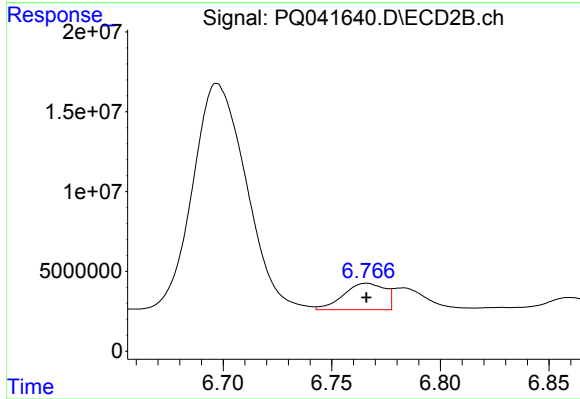
R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 6333202
Conc: 69.47 ng/ml



#7 AR-1016-5

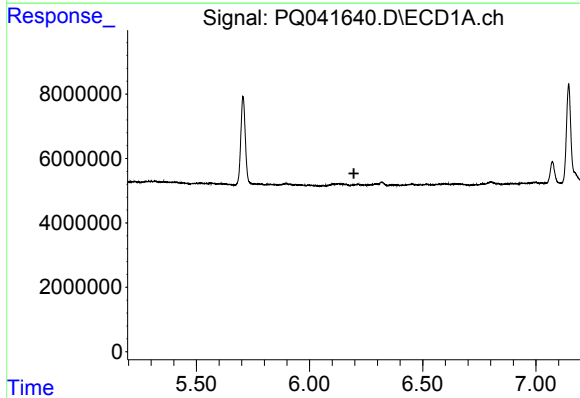
R.T.: 7.671 min
Delta R.T.: -0.031 min
Response: 87354123
Conc: 656.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



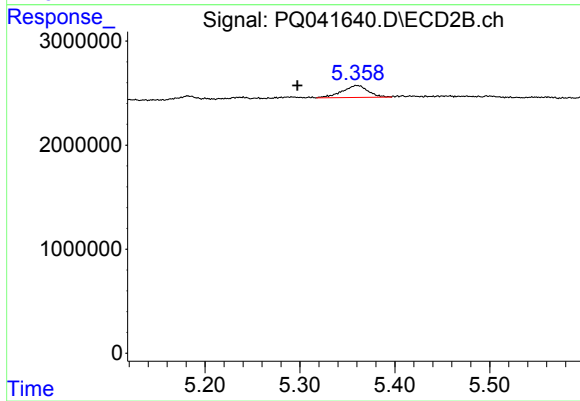
#7 AR-1016-5

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 21991803
Conc: 182.99 ng/ml



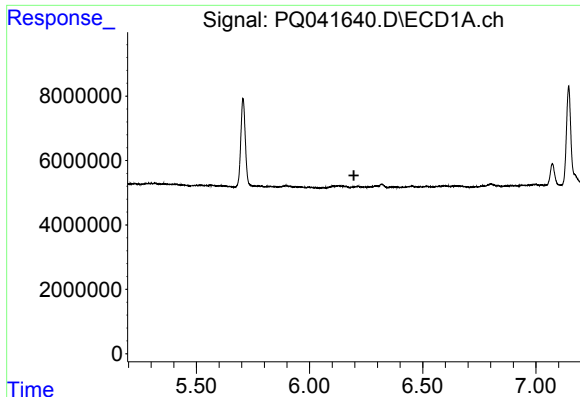
#10 AR-1221-3

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



#10 AR-1221-3

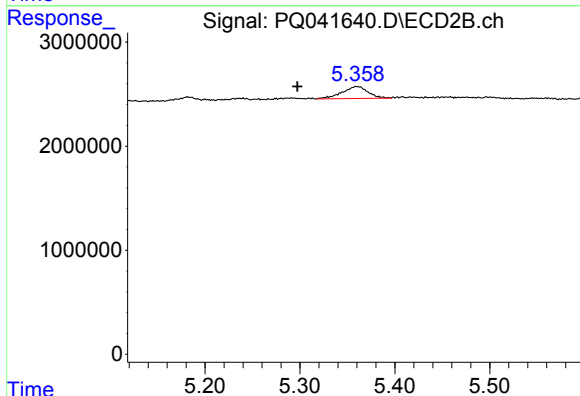
R.T.: 5.359 min
Delta R.T.: 0.062 min
Response: 2178957
Conc: 20.57 ng/ml



#11 AR-1232-1

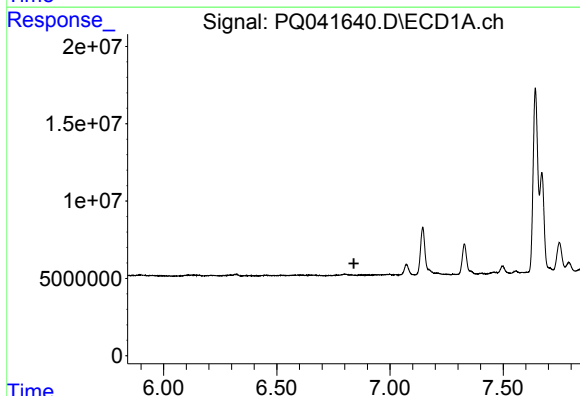
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



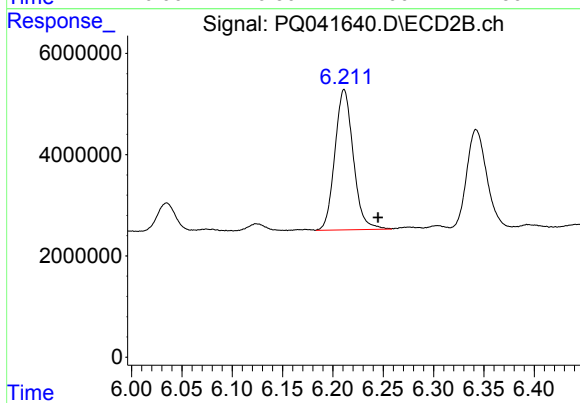
#11 AR-1232-1

R.T.: 5.359 min
Delta R.T.: 0.062 min
Response: 2178957
Conc: 28.72 ng/ml



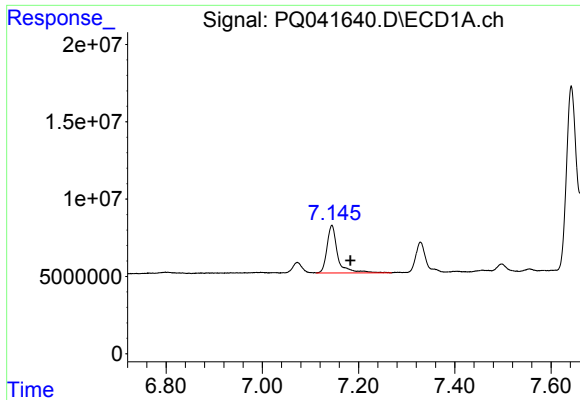
#12 AR-1232-2

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



#12 AR-1232-2

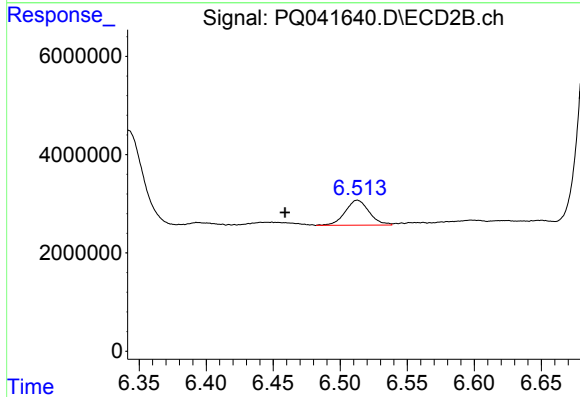
R.T.: 6.211 min
Delta R.T.: -0.034 min
Response: 35238363
Conc: 377.20 ng/ml



#13 AR-1232-3

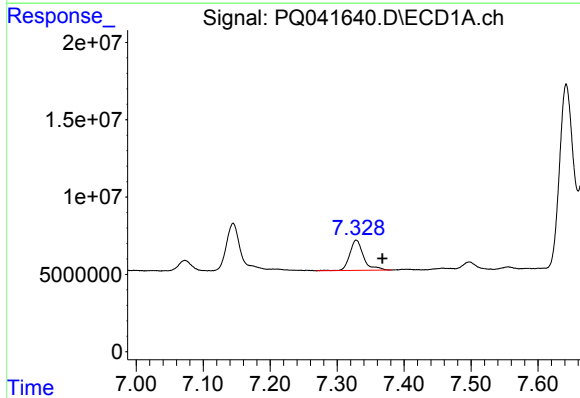
R.T.: 7.145 min
Delta R.T.: -0.038 min
Response: 47663945
Conc: 421.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



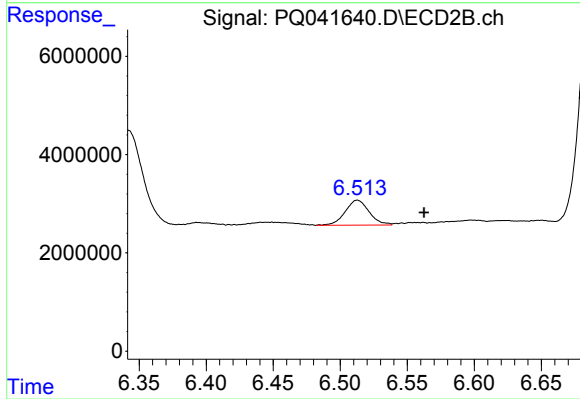
#13 AR-1232-3

R.T.: 6.513 min
Delta R.T.: 0.054 min
Response: 6333202
Conc: 131.58 ng/ml



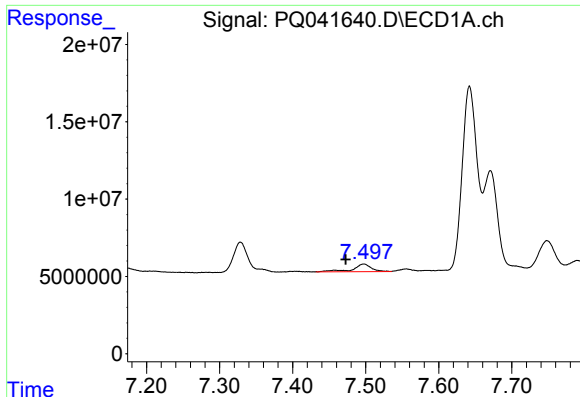
#14 AR-1232-4

R.T.: 7.329 min
Delta R.T.: -0.039 min
Response: 28023513
Conc: 474.11 ng/ml



#14 AR-1232-4

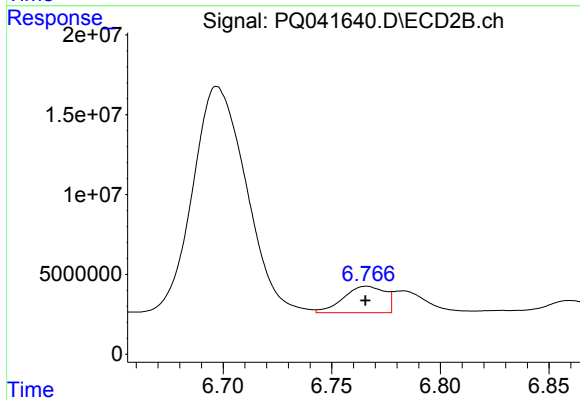
R.T.: 6.513 min
Delta R.T.: -0.050 min
Response: 6333202
Conc: 146.89 ng/ml



#15 AR-1232-5

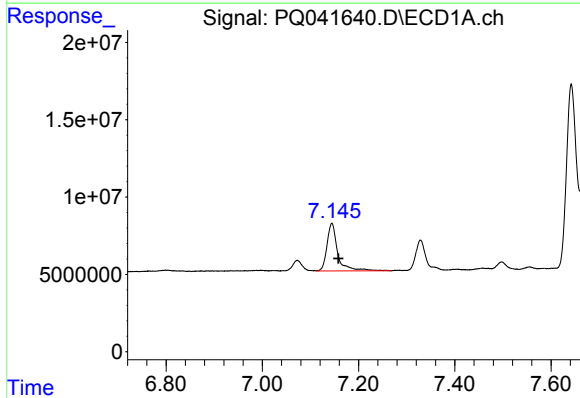
R.T.: 7.498 min
Delta R.T.: 0.025 min
Response: 8852881
Conc: 239.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



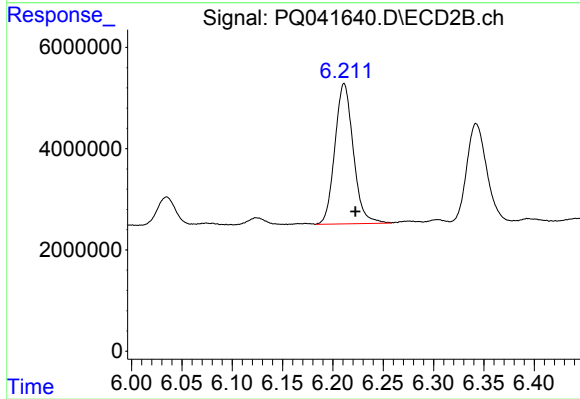
#15 AR-1232-5

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 21991803
Conc: 454.64 ng/ml



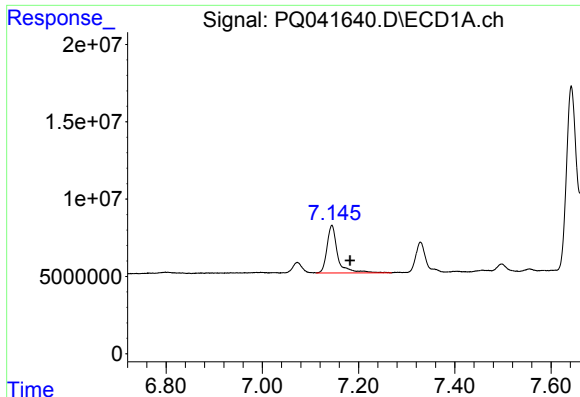
#16 AR-1242-1

R.T.: 7.145 min
Delta R.T.: -0.013 min
Response: 47663945
Conc: 380.52 ng/ml



#16 AR-1242-1

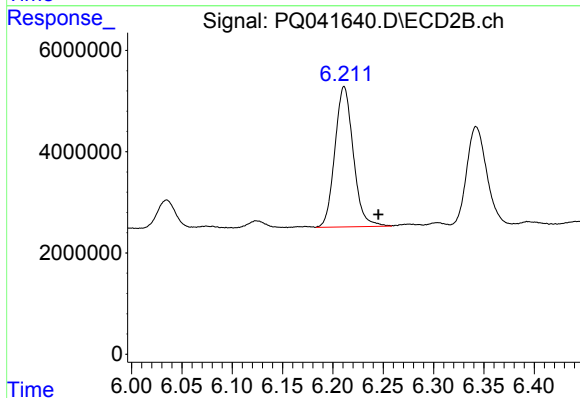
R.T.: 6.211 min
Delta R.T.: -0.011 min
Response: 35238363
Conc: 333.89 ng/ml



#17 AR-1242-2

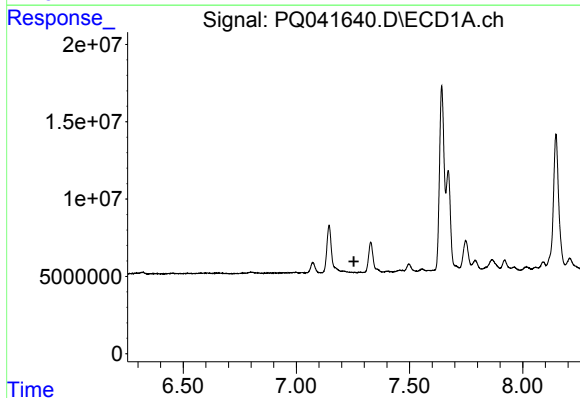
R.T.: 7.145 min
Delta R.T.: -0.038 min
Response: 47663945
Conc: 250.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



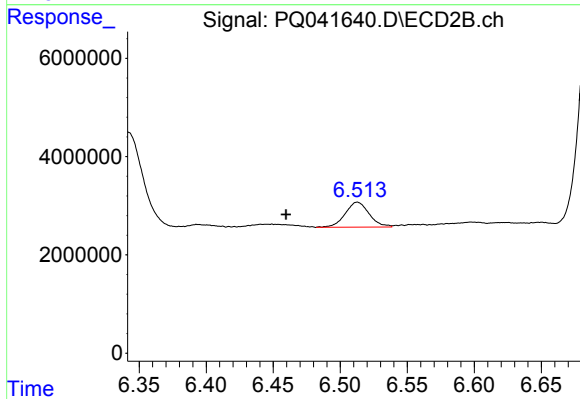
#17 AR-1242-2

R.T.: 6.211 min
Delta R.T.: -0.034 min
Response: 35238363
Conc: 227.25 ng/ml



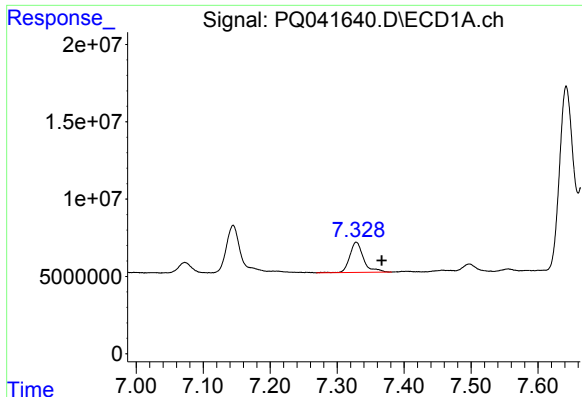
#18 AR-1242-3

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



#18 AR-1242-3

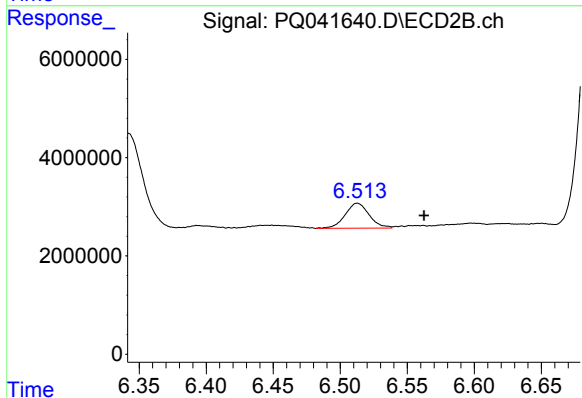
R.T.: 6.513 min
Delta R.T.: 0.053 min
Response: 6333202
Conc: 75.89 ng/ml



#19 AR-1242-4

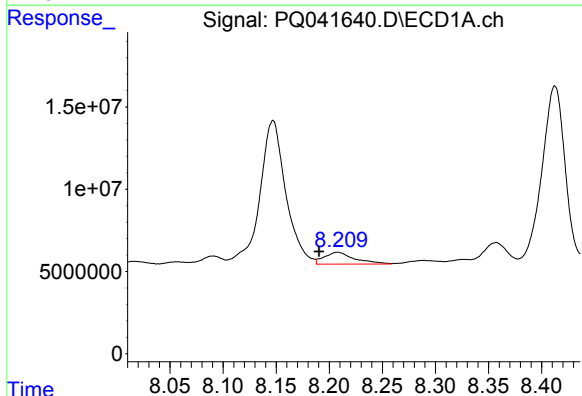
R.T.: 7.329 min
Delta R.T.: -0.038 min
Response: 28023513
Conc: 285.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



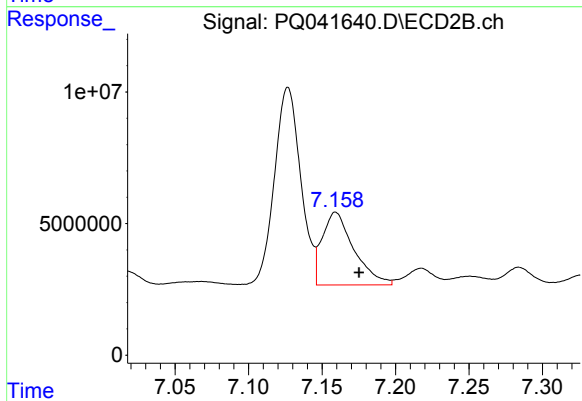
#19 AR-1242-4

R.T.: 6.513 min
Delta R.T.: -0.050 min
Response: 6333202
Conc: 77.76 ng/ml



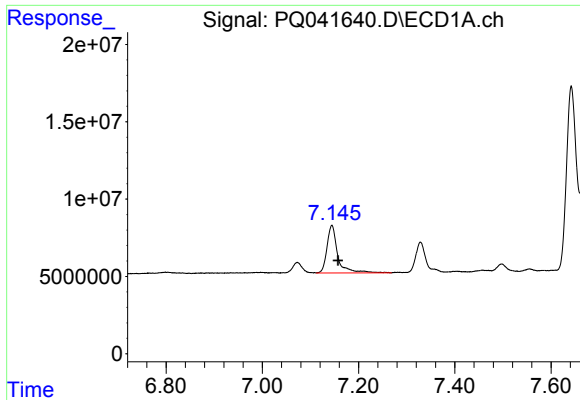
#20 AR-1242-5

R.T.: 8.208 min
Delta R.T.: 0.018 min
Response: 14470324
Conc: 109.15 ng/ml



#20 AR-1242-5

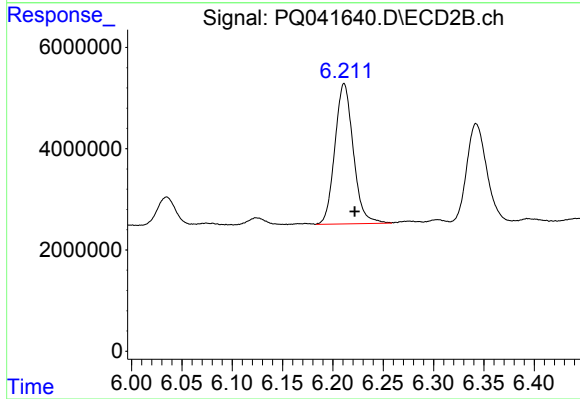
R.T.: 7.159 min
Delta R.T.: -0.016 min
Response: 41500513
Conc: 332.46 ng/ml



#21 AR-1248-1

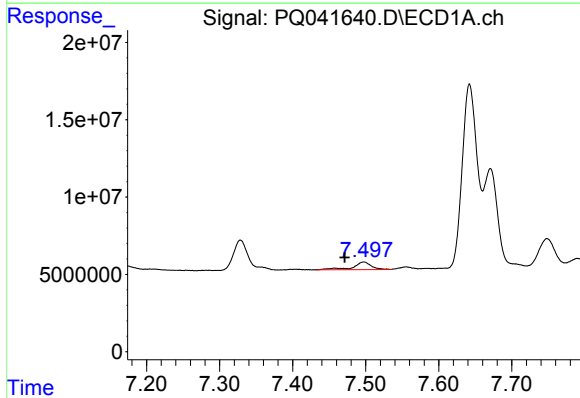
R.T.: 7.145 min
Delta R.T.: -0.013 min
Response: 47663945
Conc: 513.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



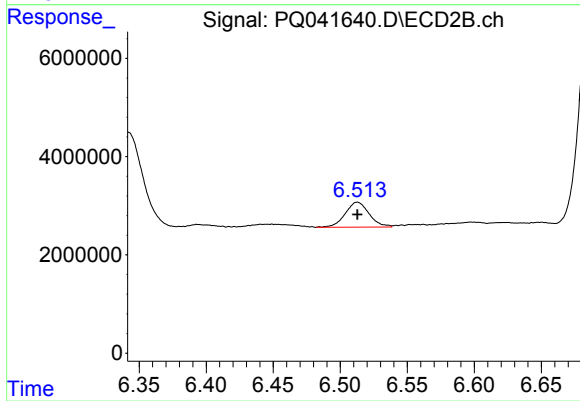
#21 AR-1248-1

R.T.: 6.211 min
Delta R.T.: -0.011 min
Response: 35238363
Conc: 438.73 ng/ml



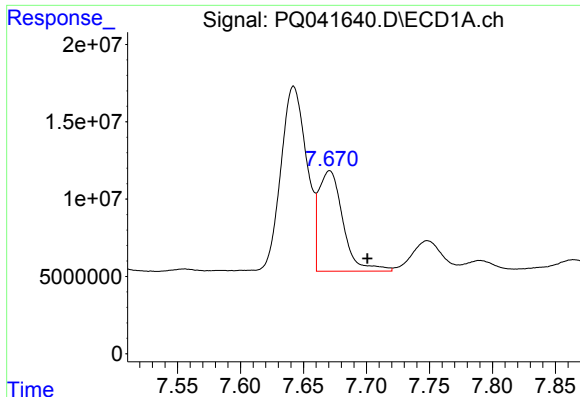
#22 AR-1248-2

R.T.: 7.498 min
Delta R.T.: 0.026 min
Response: 8852881
Conc: 71.94 ng/ml



#22 AR-1248-2

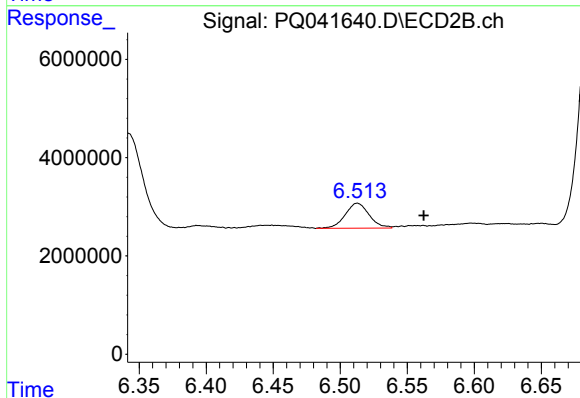
R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 6333202
Conc: 56.54 ng/ml



#23 AR-1248-3

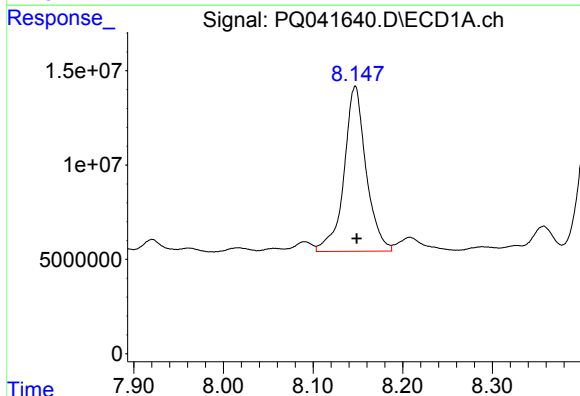
R.T.: 7.671 min
Delta R.T.: -0.030 min
Response: 87354123
Conc: 556.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



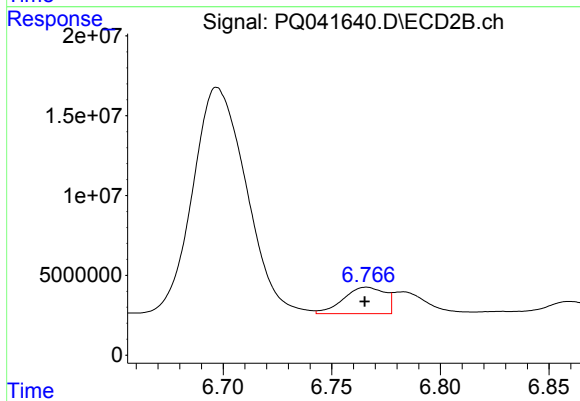
#23 AR-1248-3

R.T.: 6.513 min
Delta R.T.: -0.049 min
Response: 6333202
Conc: 54.87 ng/ml



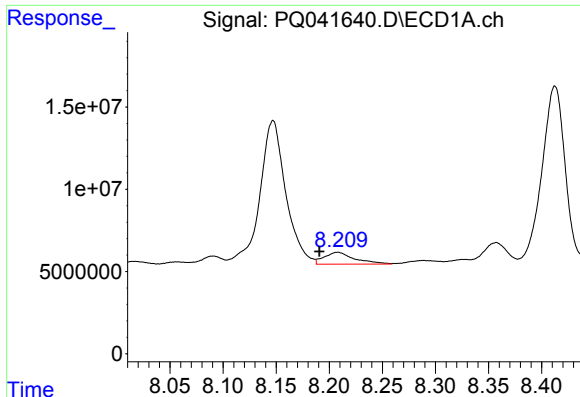
#24 AR-1248-4

R.T.: 8.147 min
Delta R.T.: -0.002 min
Response: 149547203
Conc: 692.32 ng/ml



#24 AR-1248-4

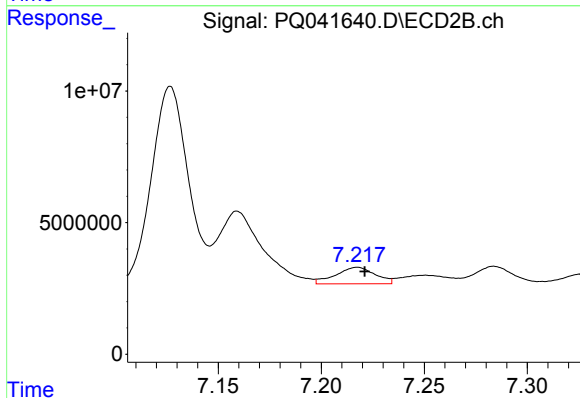
R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 21991803
Conc: 151.92 ng/ml



#25 AR-1248-5

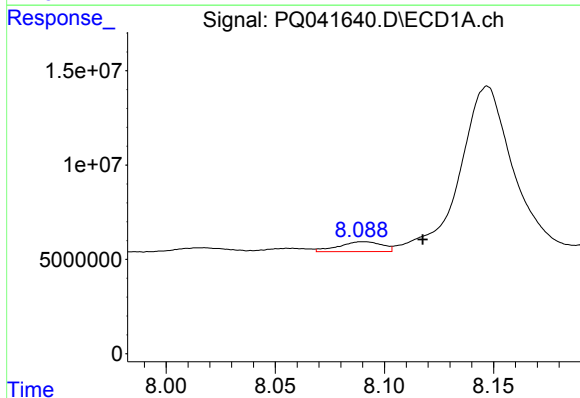
R.T.: 8.208 min
Delta R.T.: 0.017 min
Response: 14470324
Conc: 67.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



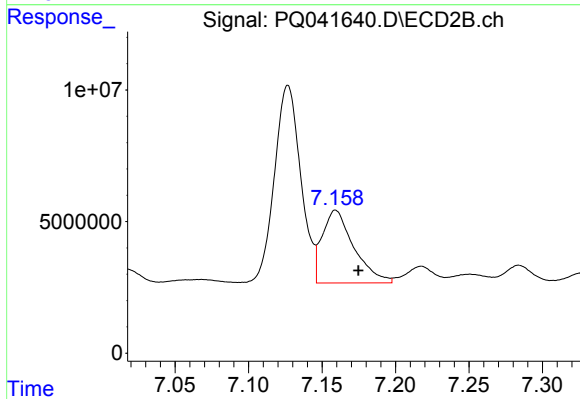
#25 AR-1248-5

R.T.: 7.218 min
Delta R.T.: -0.004 min
Response: 8378199
Conc: 49.79 ng/ml



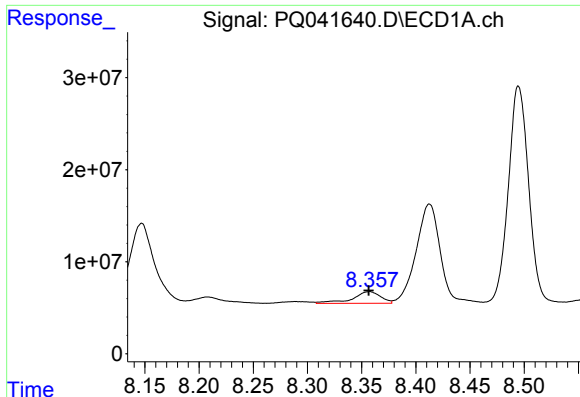
#26 AR-1254-1

R.T.: 8.090 min
Delta R.T.: -0.027 min
Response: 7158885
Conc: 35.32 ng/ml



#26 AR-1254-1

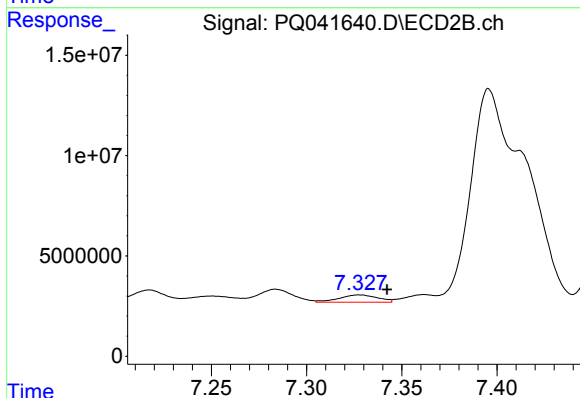
R.T.: 7.159 min
Delta R.T.: -0.015 min
Response: 41500513
Conc: 163.19 ng/ml



#27 AR-1254-2

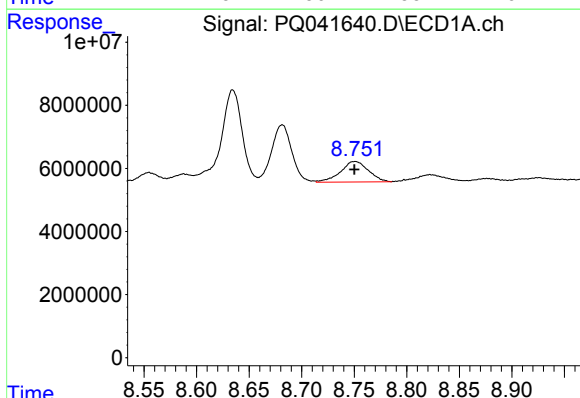
R.T.: 8.357 min
Delta R.T.: 0.000 min
Response: 23148596
Conc: 67.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



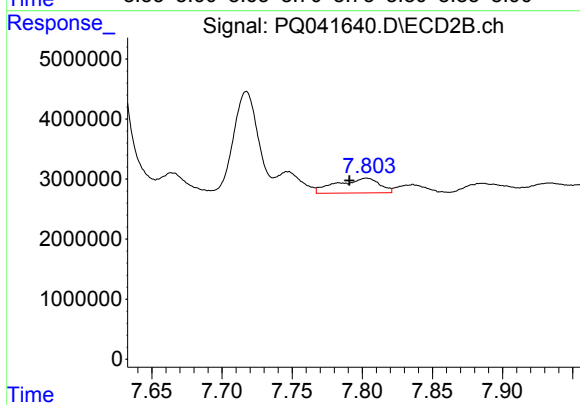
#27 AR-1254-2

R.T.: 7.328 min
Delta R.T.: -0.014 min
Response: 5110724
Conc: 22.34 ng/ml



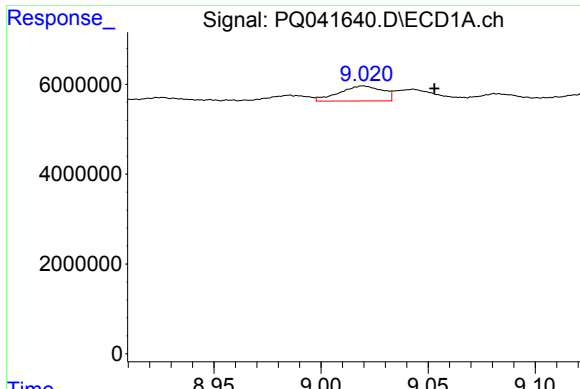
#28 AR-1254-3

R.T.: 8.751 min
Delta R.T.: 0.000 min
Response: 12036677
Conc: 29.05 ng/ml



#28 AR-1254-3

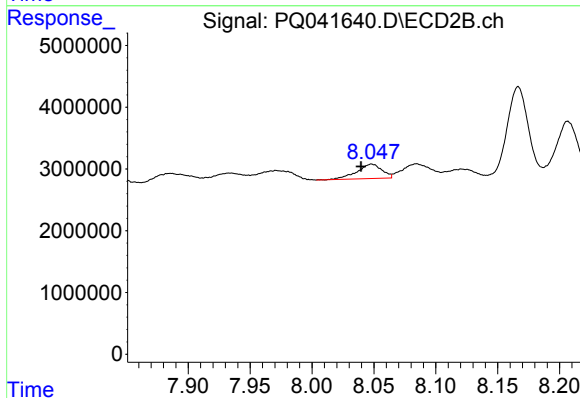
R.T.: 7.803 min
Delta R.T.: 0.012 min
Response: 5187501
Conc: 12.78 ng/ml



#29 AR-1254-4

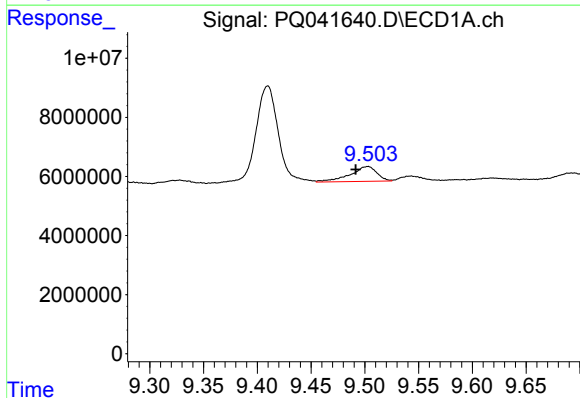
R.T.: 9.020 min
Delta R.T.: -0.033 min
Response: 4703414
Conc: 13.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



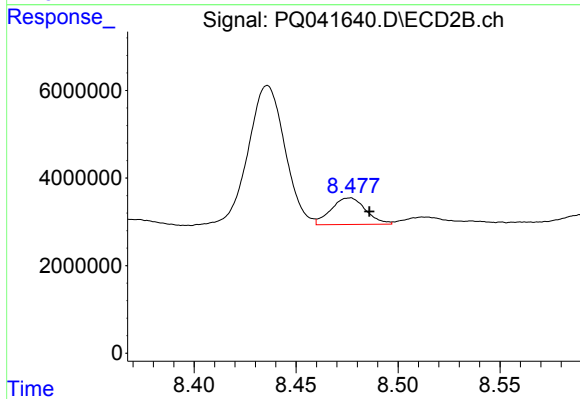
#29 AR-1254-4

R.T.: 8.048 min
Delta R.T.: 0.009 min
Response: 3285039
Conc: 12.02 ng/ml



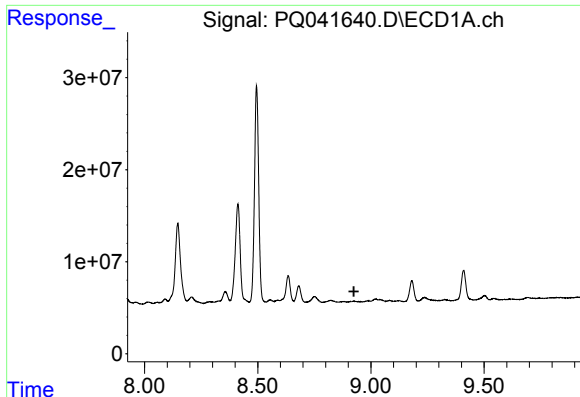
#30 AR-1254-5

R.T.: 9.503 min
Delta R.T.: 0.011 min
Response: 8692624
Conc: 21.65 ng/ml



#30 AR-1254-5

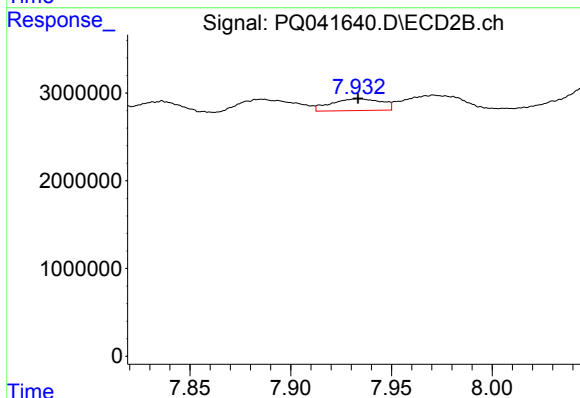
R.T.: 8.476 min
Delta R.T.: -0.010 min
Response: 7176952
Conc: 17.98 ng/ml



#31 AR-1260-1

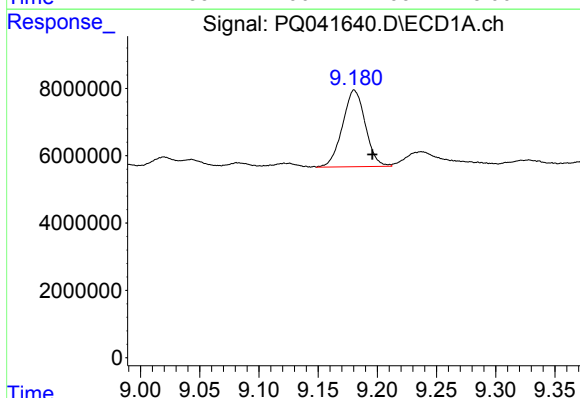
R.T.: 0.000 min
Exp R.T.: 8.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



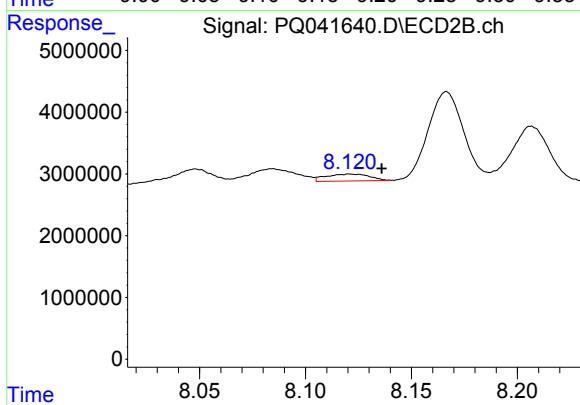
#31 AR-1260-1

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 2334489
Conc: 8.78 ng/ml



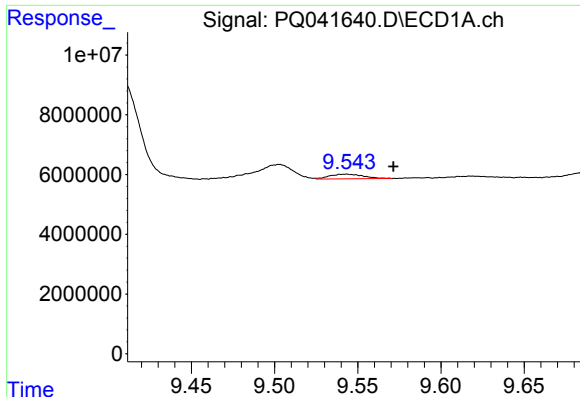
#32 AR-1260-2

R.T.: 9.181 min
Delta R.T.: -0.015 min
Response: 30586935
Conc: 66.73 ng/ml



#32 AR-1260-2

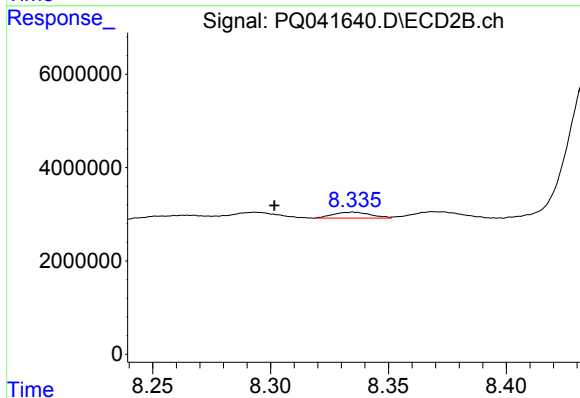
R.T.: 8.121 min
Delta R.T.: -0.015 min
Response: 1599723
Conc: 4.41 ng/ml



#33 AR-1260-3

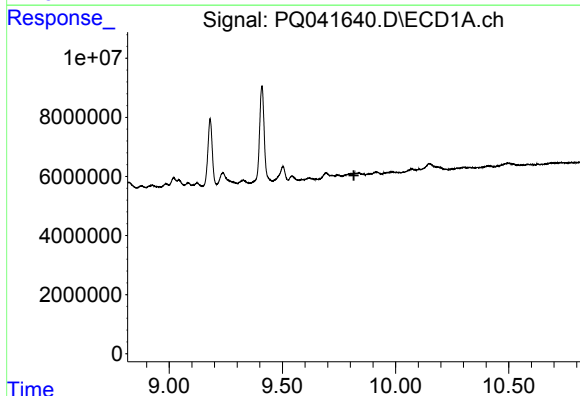
R.T.: 9.543 min
Delta R.T.: -0.028 min
Response: 2208128
Conc: 5.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



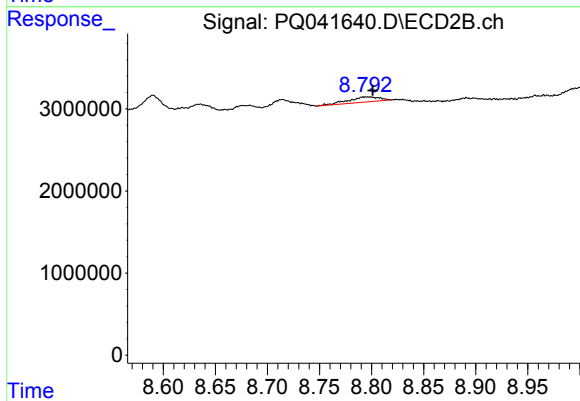
#33 AR-1260-3

R.T.: 8.335 min
Delta R.T.: 0.033 min
Response: 1405136
Conc: 4.47 ng/ml



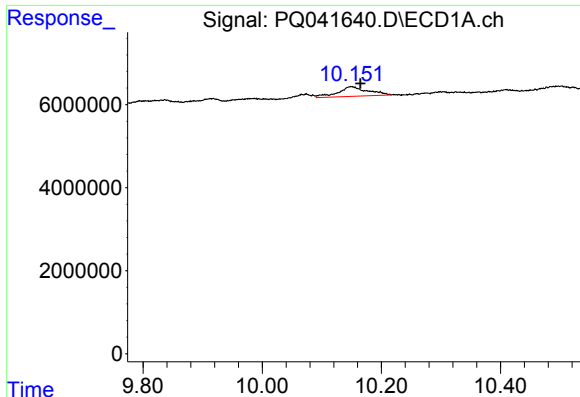
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.816 min
Response: 0
Conc: N.D.



#34 AR-1260-4

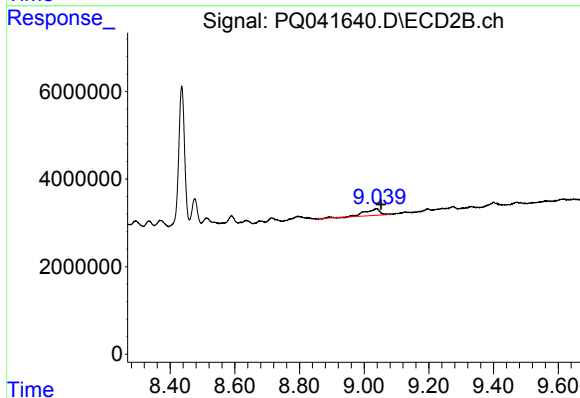
R.T.: 8.797 min
Delta R.T.: -0.005 min
Response: 1306747
Conc: 4.59 ng/ml



#35 AR-1260-5

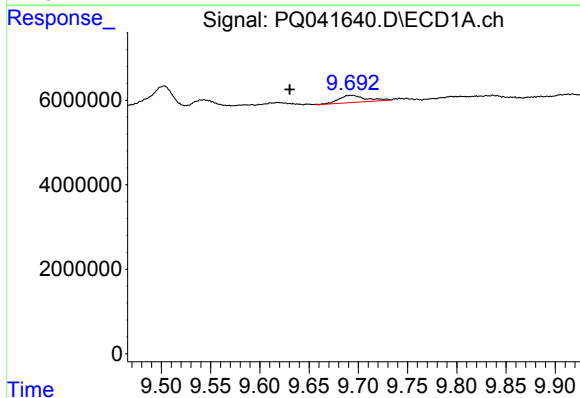
R.T.: 10.150 min
Delta R.T.: -0.015 min
Response: 8000335
Conc: 7.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



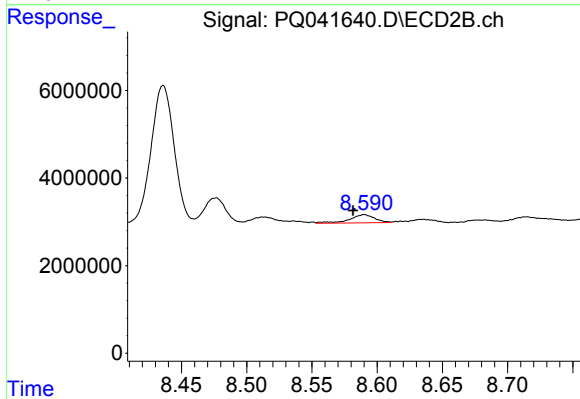
#35 AR-1260-5

R.T.: 9.039 min
Delta R.T.: -0.013 min
Response: 4971256
Conc: 6.69 ng/ml



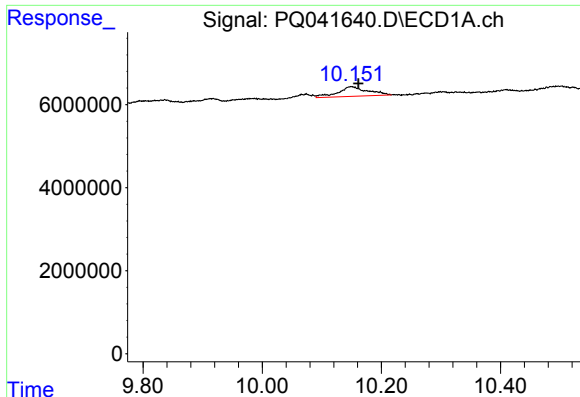
#36 AR-1262-1

R.T.: 9.693 min
Delta R.T.: 0.063 min
Response: 3215723
Conc: 13.10 ng/ml



#36 AR-1262-1

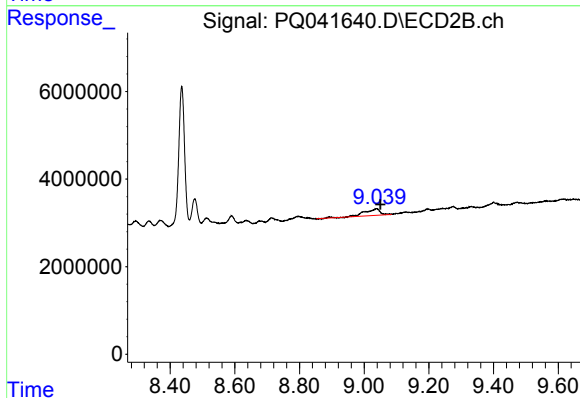
R.T.: 8.590 min
Delta R.T.: 0.008 min
Response: 2510329
Conc: 13.05 ng/ml



#37 AR-1262-2

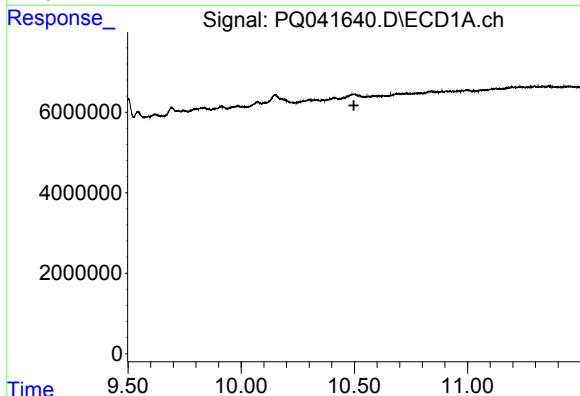
R.T.: 10.150 min
Delta R.T.: -0.012 min
Response: 8000335
Conc: 6.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



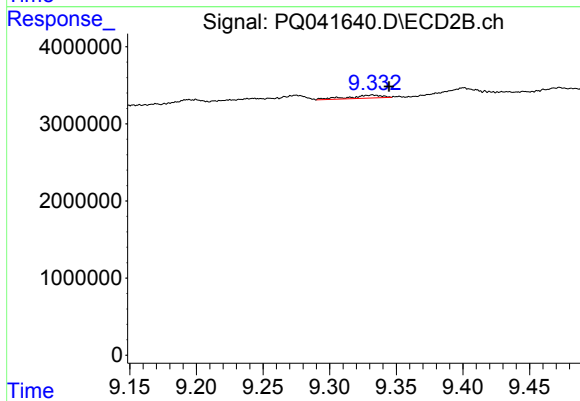
#37 AR-1262-2

R.T.: 9.039 min
Delta R.T.: -0.011 min
Response: 4971256
Conc: 5.92 ng/ml



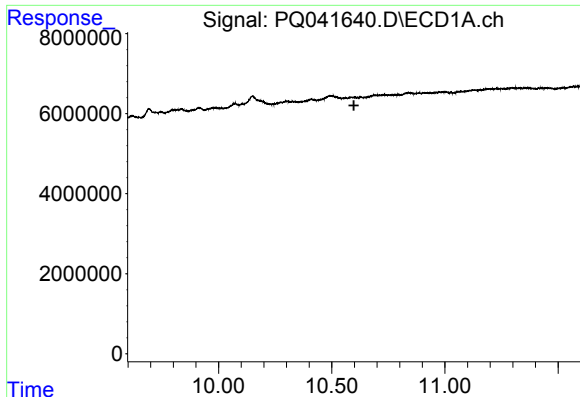
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.498 min
Response: 0
Conc: N.D.



#38 AR-1262-3

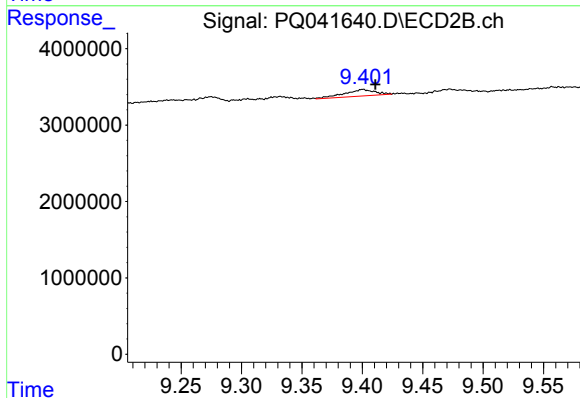
R.T.: 9.332 min
Delta R.T.: -0.012 min
Response: 710232
Conc: 2.02 ng/ml



#39 AR-1262-4

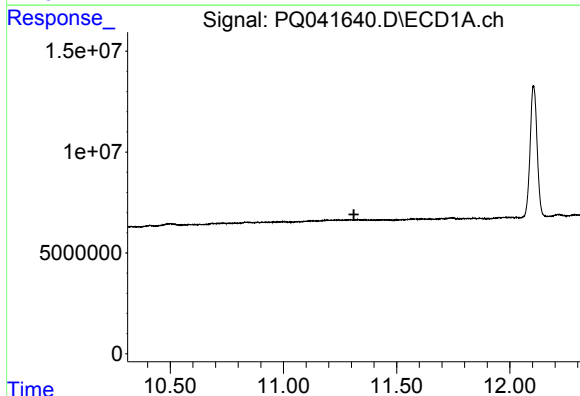
R.T.: 0.000 min
Exp R.T.: 10.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



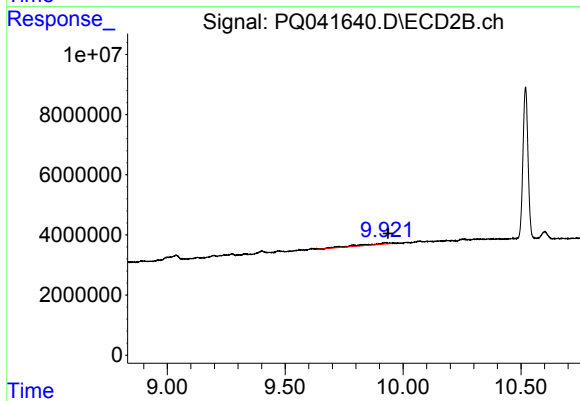
#39 AR-1262-4

R.T.: 9.400 min
Delta R.T.: -0.011 min
Response: 1484732
Conc: 2.53 ng/ml



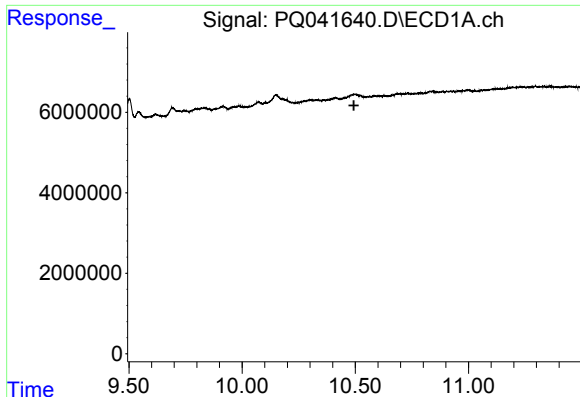
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.311 min
Response: 0
Conc: N.D.



#40 AR-1262-5

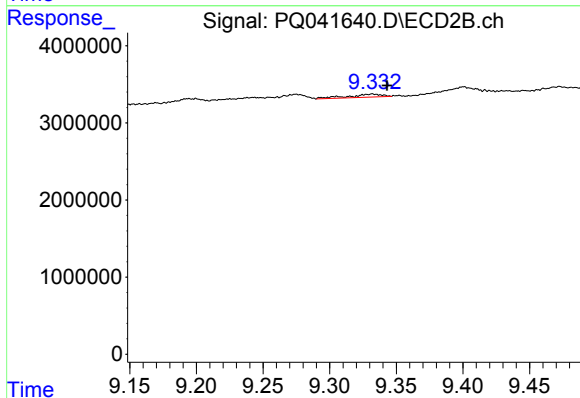
R.T.: 9.922 min
Delta R.T.: -0.014 min
Response: 3970608
Conc: 16.55 ng/ml



#41 AR-1268-1

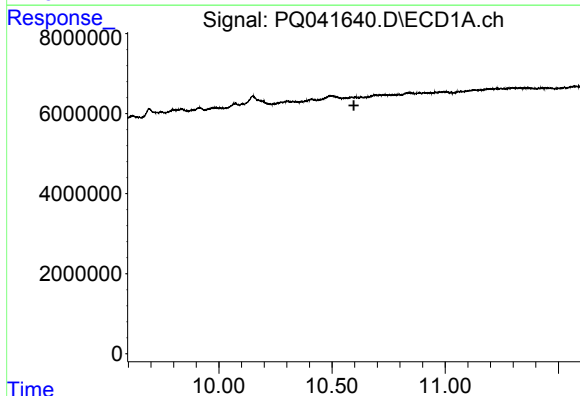
R.T.: 0.000 min
Exp R.T.: 10.494 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



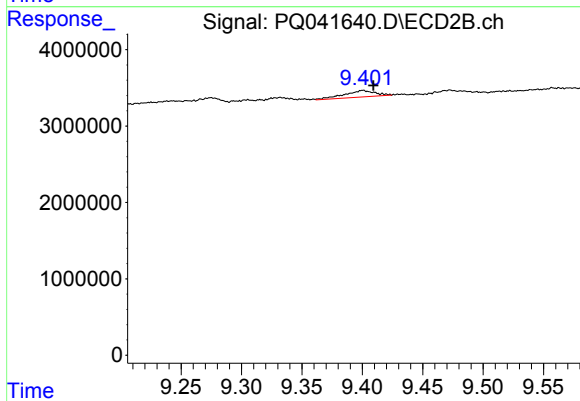
#41 AR-1268-1

R.T.: 9.332 min
Delta R.T.: -0.011 min
Response: 710232
Conc: 0.62 ng/ml



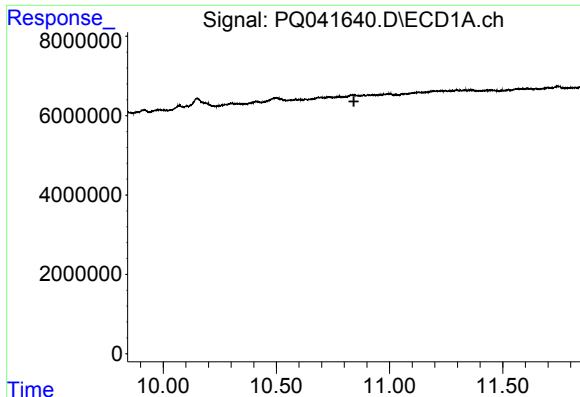
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.596 min
Response: 0
Conc: N.D.



#42 AR-1268-2

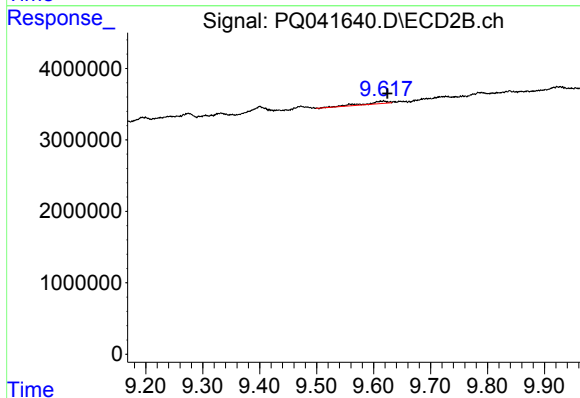
R.T.: 9.400 min
Delta R.T.: -0.009 min
Response: 1484732
Conc: 1.53 ng/ml



#43 AR-1268-3

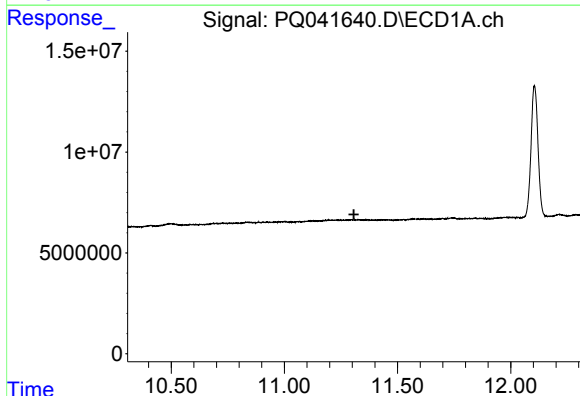
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



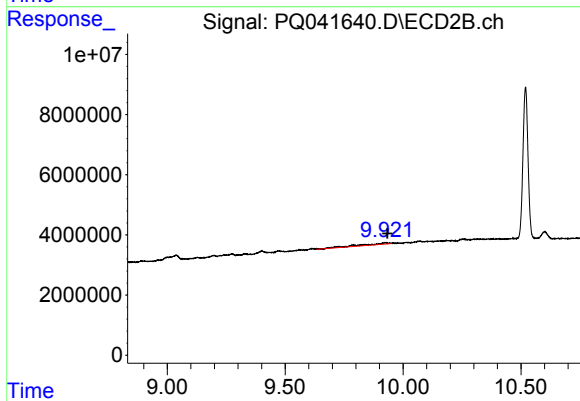
#43 AR-1268-3

R.T.: 9.618 min
Delta R.T.: -0.007 min
Response: 971387
Conc: 1.22 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.307 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 9.922 min
Delta R.T.: -0.011 min
Response: 3970608
Conc: 12.94 ng/ml