

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111419\
 Data File : PQ045034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 22:18
 Operator : SM\AJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1268314

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 03:42:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.098	4.306	150.5E6	95050439	18.960	20.158
2)	SA Decachlor...	11.161	9.719	398.1E6	415.0E6	57.481	61.162
Target Compounds							
3)	L1 AR-1016-1	0.000	5.585	0	516988	N.D.	2.807 #
4)	L1 AR-1016-2	0.000	5.605	0	697989	N.D.	2.642 #
5)	L1 AR-1016-3	0.000	5.850	0	624555	N.D.	4.839 #
6)	L1 AR-1016-4	0.000	5.850	0	624555	N.D.	5.752 #
7)	L1 AR-1016-5	0.000	6.085	0	1236175	N.D.	8.091 #
9)	L2 AR-1221-2	5.452	4.670	1613923	1349611	27.488	34.184
12)	L3 AR-1232-2	0.000	5.605	0	697989	N.D.	5.612 #
13)	L3 AR-1232-3	0.000	5.850	0	624555	N.D.	10.546 #
14)	L3 AR-1232-4	0.000	5.897	0	597513	N.D.	9.940 #
15)	L3 AR-1232-5	0.000	6.085	0	1236175	N.D.	16.973 #
16)	L4 AR-1242-1	0.000	5.585	0	516988	N.D.	3.297 #
17)	L4 AR-1242-2	0.000	5.605	0	697989	N.D.	3.120 #
18)	L4 AR-1242-3	0.000	5.850	0	624555	N.D.	5.619 #
19)	L4 AR-1242-4	0.000	5.897	0	597513	N.D.	5.011 #
20)	L4 AR-1242-5	7.390	6.468	2155717	1704497	11.912	10.380
21)	L5 AR-1248-1	0.000	5.585	0	516988	N.D.	4.154 #
22)	L5 AR-1248-2	0.000	5.850	0	624555	N.D.	3.669 #
23)	L5 AR-1248-3	0.000	5.897	0	597513	N.D.	3.341 #
24)	L5 AR-1248-4	7.349	6.085	2869100	1236175	9.473	5.679 #
25)	L5 AR-1248-5	7.390	6.510	2155717	1538413	7.536	6.899
26)	L6 AR-1254-1	7.320	6.468	2752223	1704497	8.506	4.686 #
27)	L6 AR-1254-2	7.556	6.697	1631002	1568337	3.285	4.869 #
28)	L6 AR-1254-3	0.000	7.053	0	2277256	N.D.	4.105 #
29)	L6 AR-1254-4	0.000	7.290	0	1087264	N.D.	3.042 #
30)	L6 AR-1254-5	8.640	7.720	2515497	788365	5.823	1.577 #
31)	L7 AR-1260-1	0.000	7.185	0	162073	N.D.	0.529 #
32)	L7 AR-1260-2	8.363	7.384	1265669	1654200	3.091	4.189 #
33)	L7 AR-1260-3	8.732	7.548	71259092	4854887	218.265	14.171 #
34)	L7 AR-1260-4	8.984	8.025	94719173	92248353	249.085	300.820
35)	L7 AR-1260-5	9.297	8.276	37767145	38430304	49.061	49.104
36)	L8 AR-1262-1	8.792	7.720	4671000	788365	22.393	3.115 #
37)	L8 AR-1262-2	9.297	8.276	37767145	38430304	41.815	38.947
38)	L8 AR-1262-3	9.617	8.565	383.3E6	399.2E6	628.545	1036.100 #
39)	L8 AR-1262-4	9.715	8.631	355.8E6	359.6E6	783.238	488.113 #
40)	L8 AR-1262-5	10.390	9.143	117.9E6	121.1E6	385.548	347.906
41)	L9 AR-1268-1	9.617	8.565	383.3E6	399.2E6	343.269	332.000
42)	L9 AR-1268-2	9.715	8.631	355.8E6	359.6E6	350.060	322.917
43)	L9 AR-1268-3	9.948	8.840	297.5E6	291.1E6	340.276	312.981
44)	L9 AR-1268-4	10.390	9.143	117.9E6	121.1E6	339.722	300.747

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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
45) L9	AR-1268-5	10.814	9.451	873.6E6	935.7E6	334.887	309.616

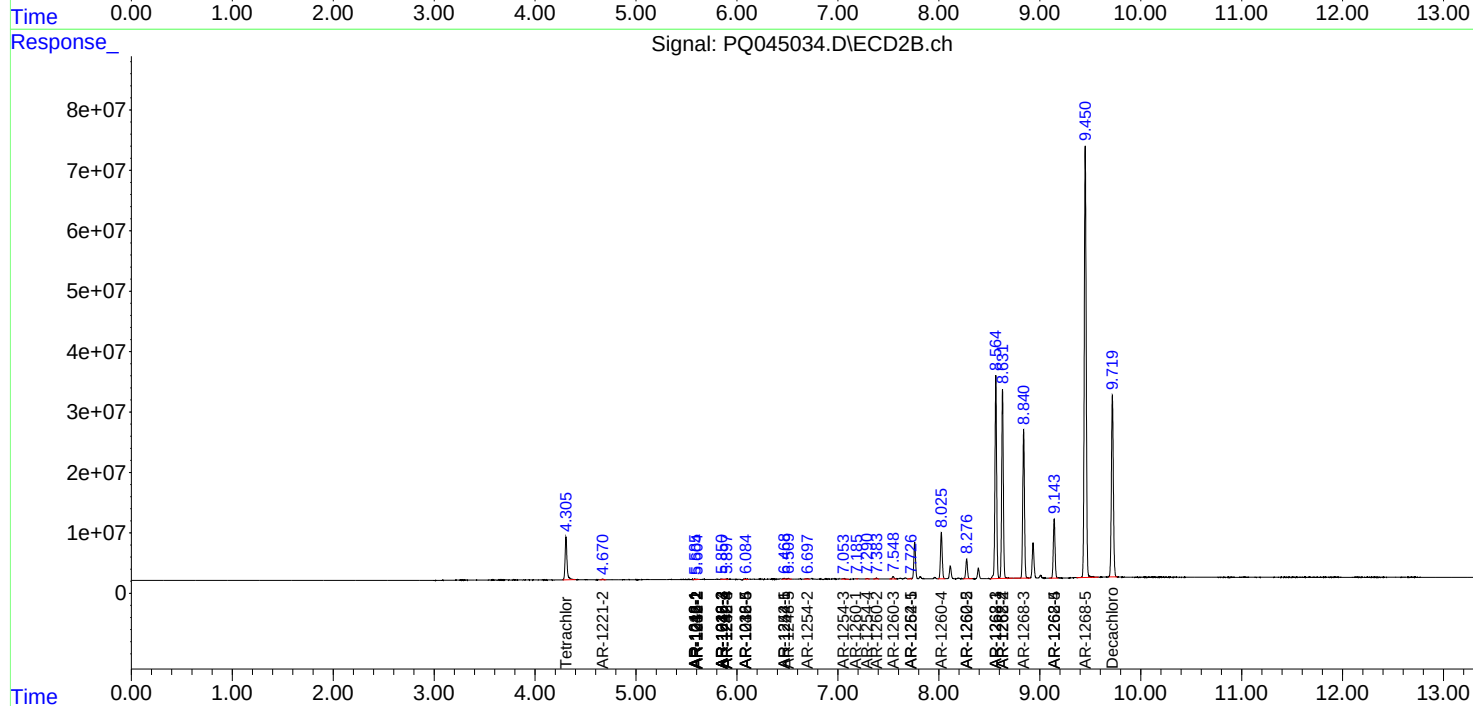
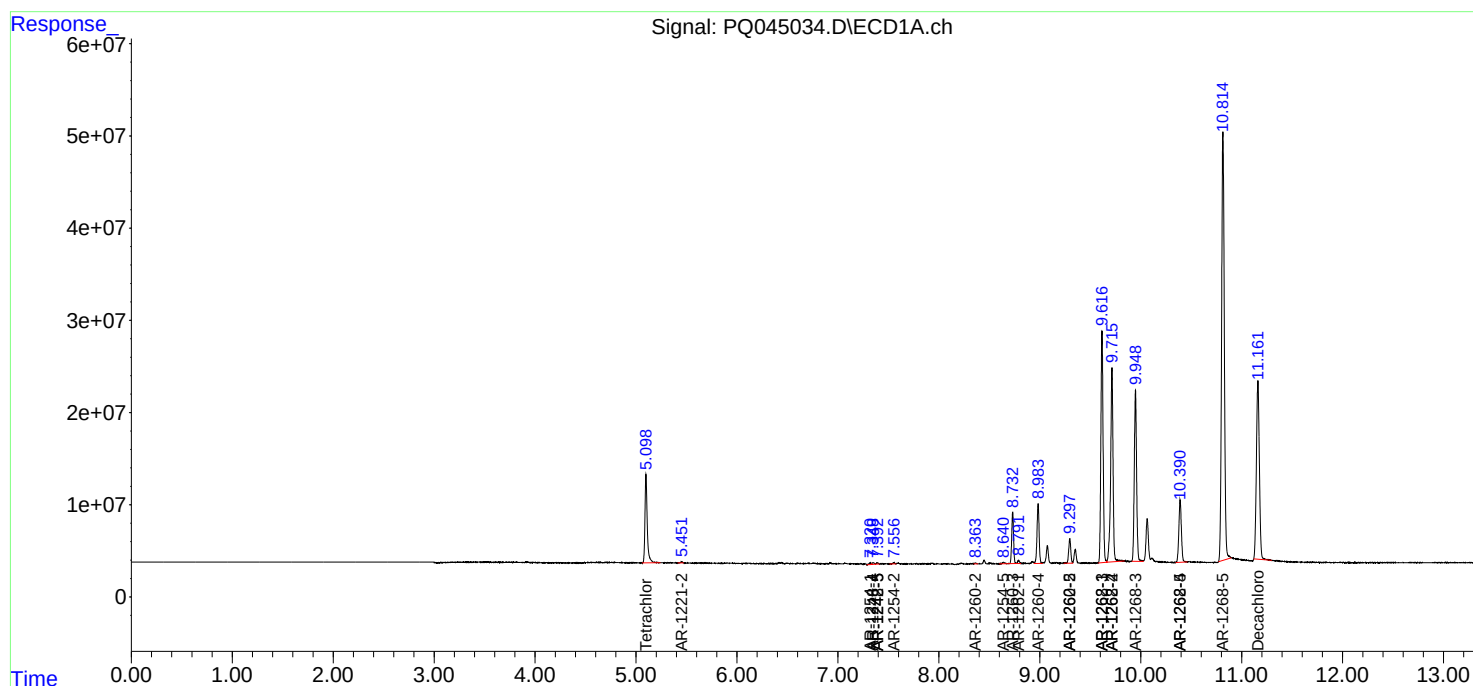
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

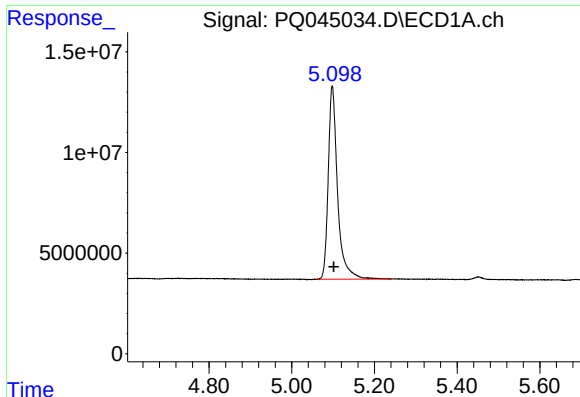
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111419\
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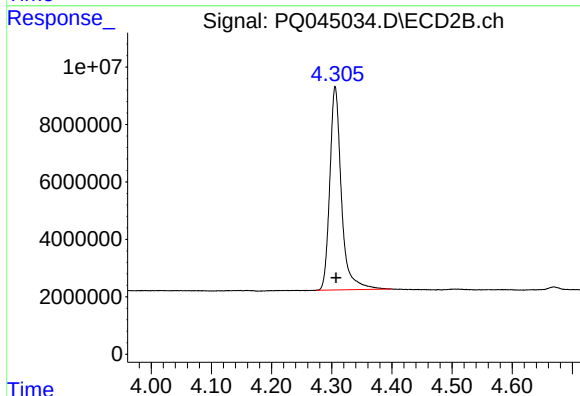




#1 Tetrachloro-m-xylene

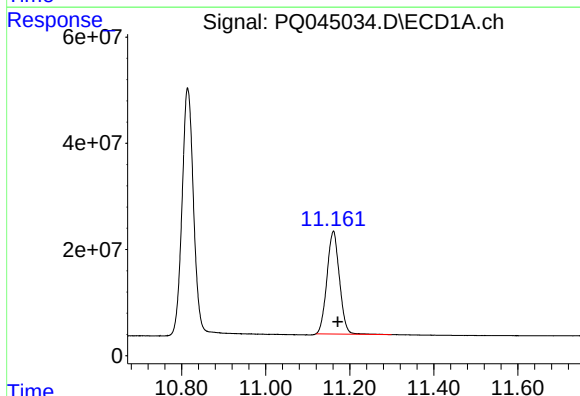
R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 150498440
Conc: 18.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



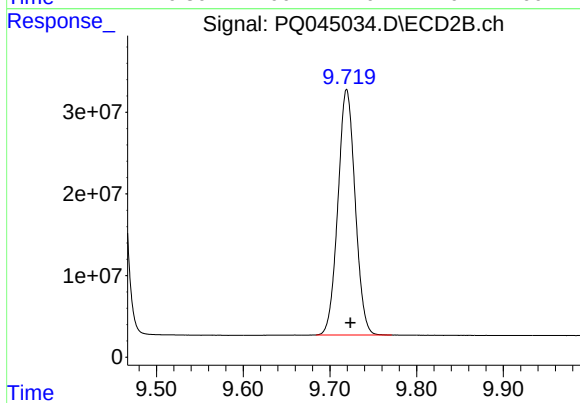
#1 Tetrachloro-m-xylene

R.T.: 4.306 min
Delta R.T.: -0.001 min
Response: 95050439
Conc: 20.16 ng/ml



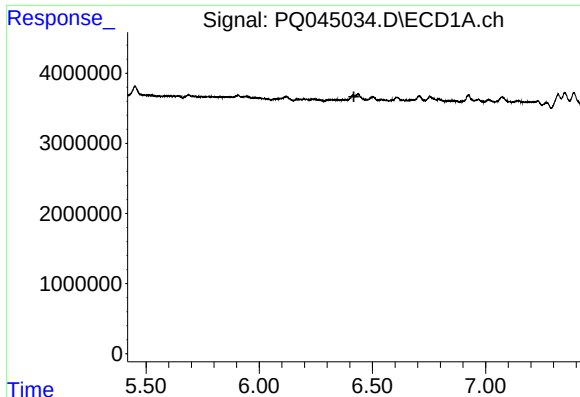
#2 Decachlorobiphenyl

R.T.: 11.161 min
Delta R.T.: -0.010 min
Response: 398109189
Conc: 57.48 ng/ml



#2 Decachlorobiphenyl

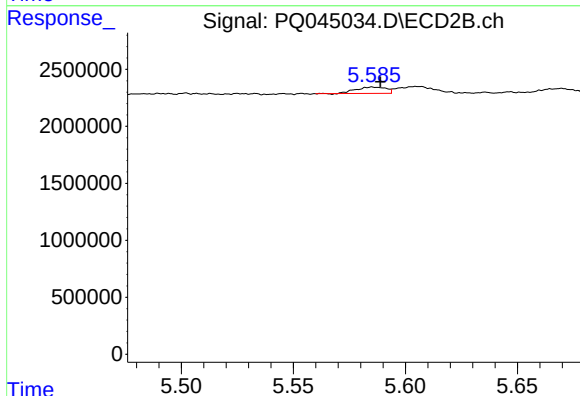
R.T.: 9.719 min
Delta R.T.: -0.004 min
Response: 414989767
Conc: 61.16 ng/ml



#3 AR-1016-1

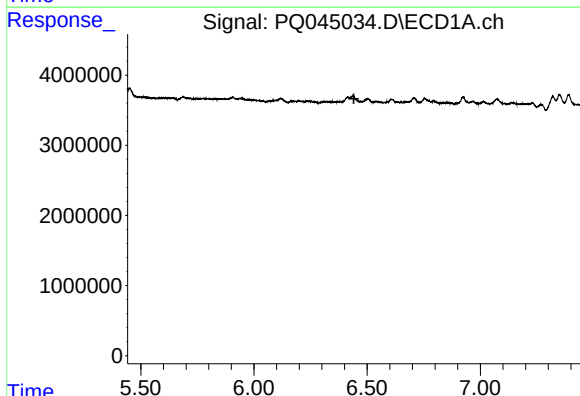
R.T.: 0.000 min
Exp R.T.: 6.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268314



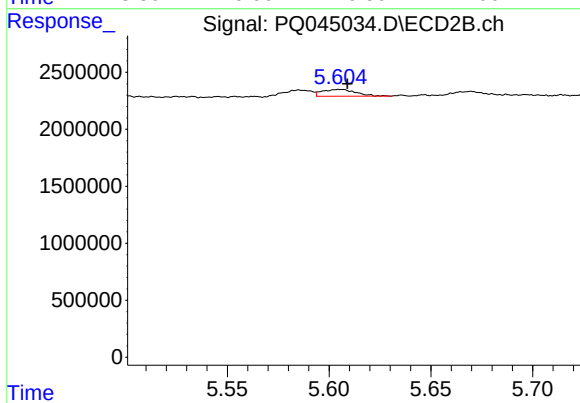
#3 AR-1016-1

R.T.: 5.585 min
Delta R.T.: -0.004 min
Response: 516988
Conc: 2.81 ng/ml



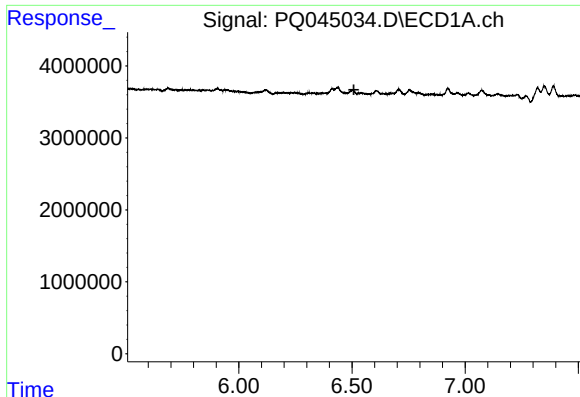
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.442 min
Response: 0
Conc: N.D.



#4 AR-1016-2

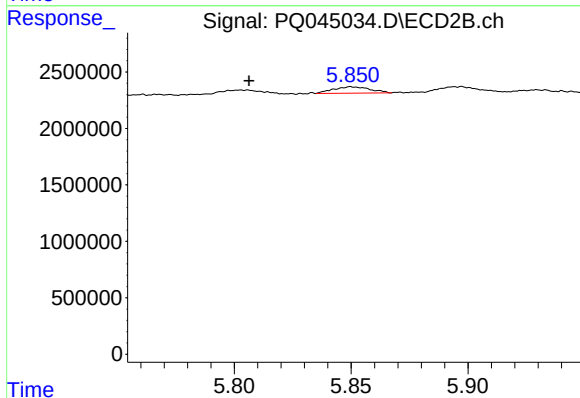
R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 697989
Conc: 2.64 ng/ml



#5 AR-1016-3

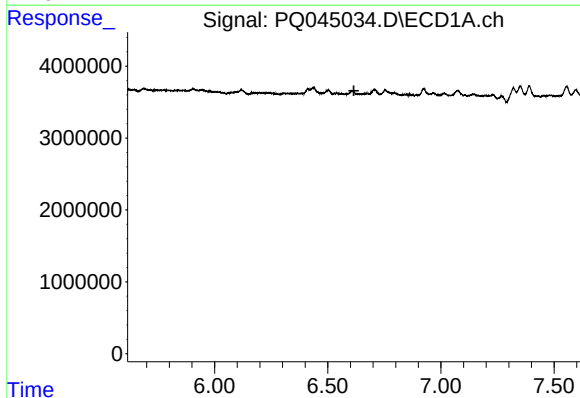
R.T.: 0.000 min
Exp R.T.: 6.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268314



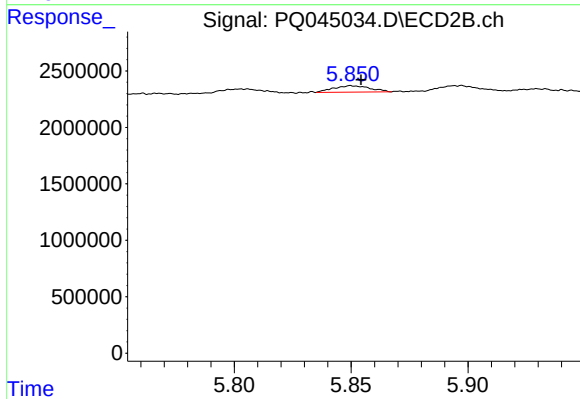
#5 AR-1016-3

R.T.: 5.850 min
Delta R.T.: 0.044 min
Response: 624555
Conc: 4.84 ng/ml



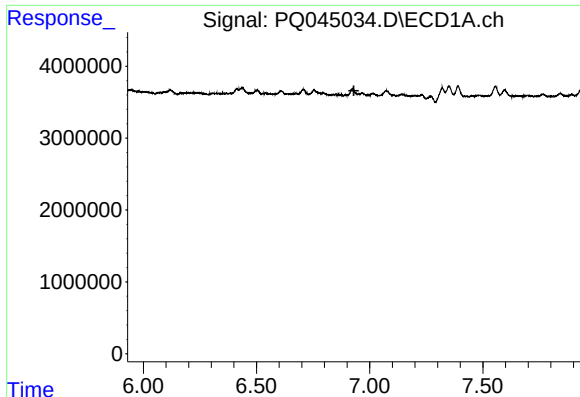
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.615 min
Response: 0
Conc: N.D.



#6 AR-1016-4

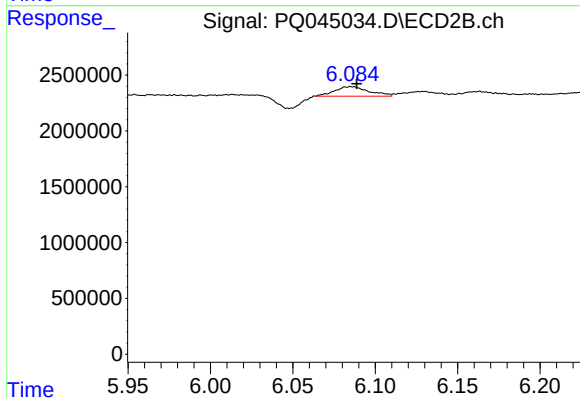
R.T.: 5.850 min
Delta R.T.: -0.004 min
Response: 624555
Conc: 5.75 ng/ml



#7 AR-1016-5

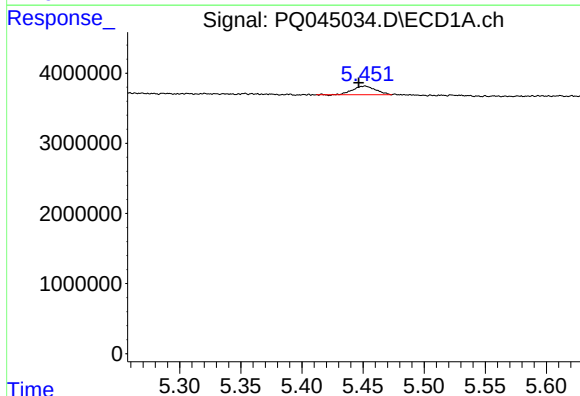
R.T.: 0.000 min
Exp R.T.: 6.930 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268314



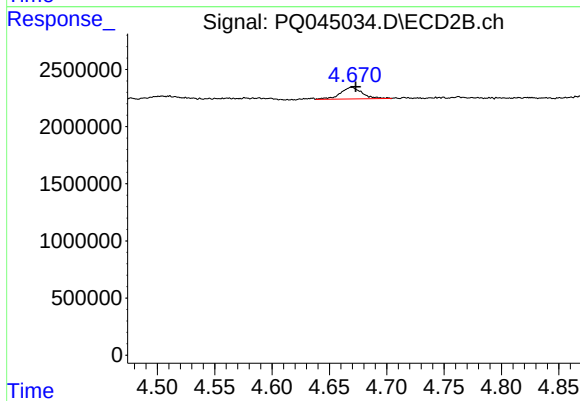
#7 AR-1016-5

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 1236175
Conc: 8.09 ng/ml



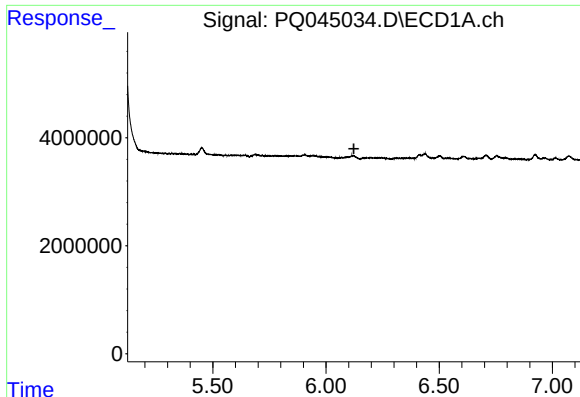
#9 AR-1221-2

R.T.: 5.452 min
Delta R.T.: 0.005 min
Response: 1613923
Conc: 27.49 ng/ml



#9 AR-1221-2

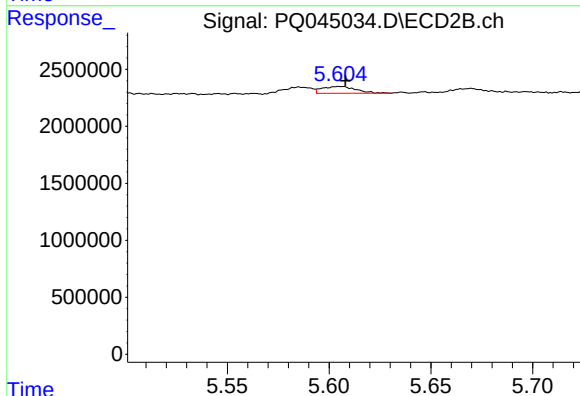
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 1349611
Conc: 34.18 ng/ml



#12 AR-1232-2

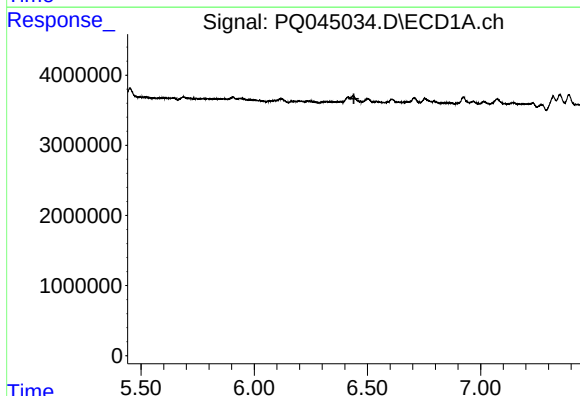
R.T.: 0.000 min
Exp R.T. : 6.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268314



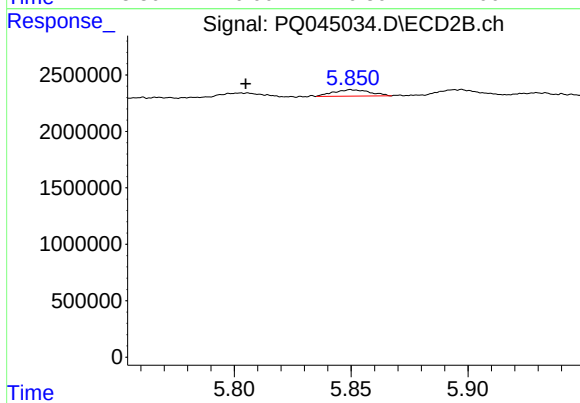
#12 AR-1232-2

R.T.: 5.605 min
Delta R.T.: -0.003 min
Response: 697989
Conc: 5.61 ng/ml



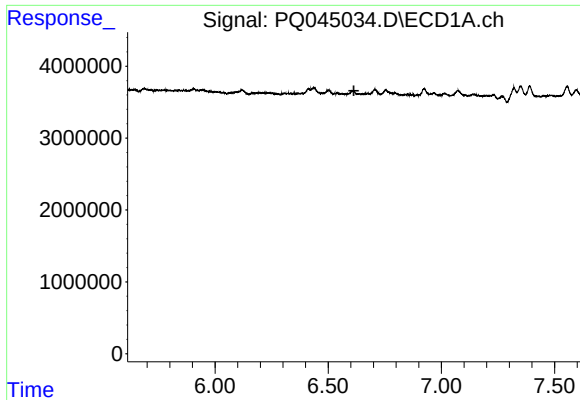
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.440 min
Response: 0
Conc: N.D.



#13 AR-1232-3

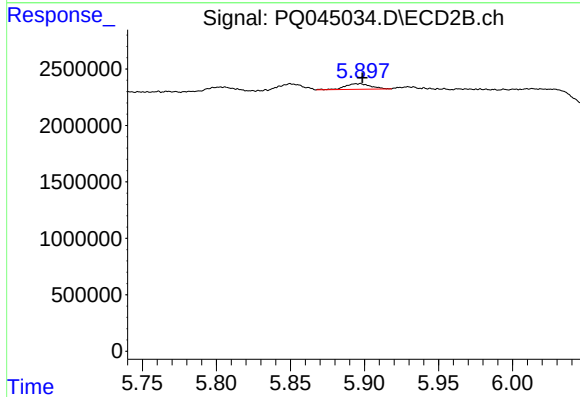
R.T.: 5.850 min
Delta R.T.: 0.045 min
Response: 624555
Conc: 10.55 ng/ml



#14 AR-1232-4

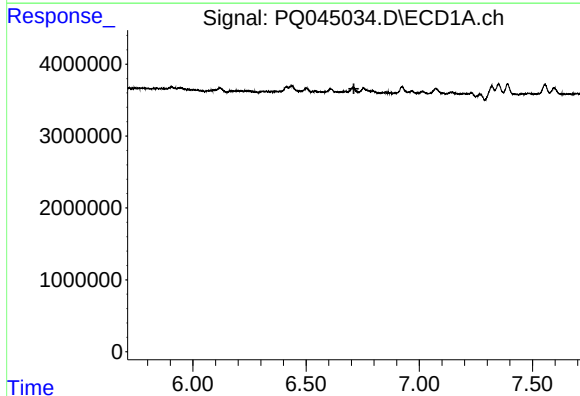
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268314



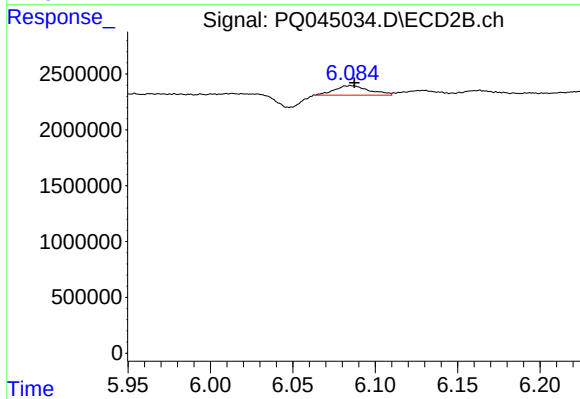
#14 AR-1232-4

R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 597513
Conc: 9.94 ng/ml



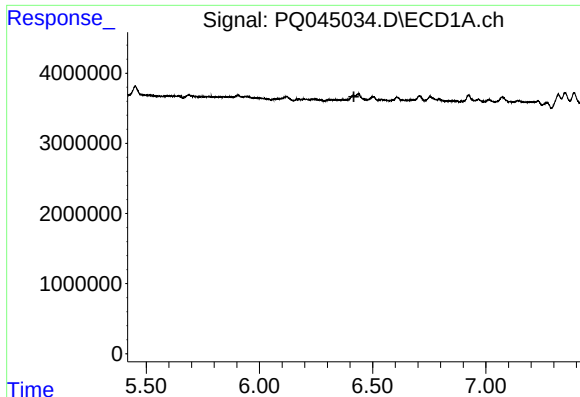
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.711 min
Response: 0
Conc: N.D.



#15 AR-1232-5

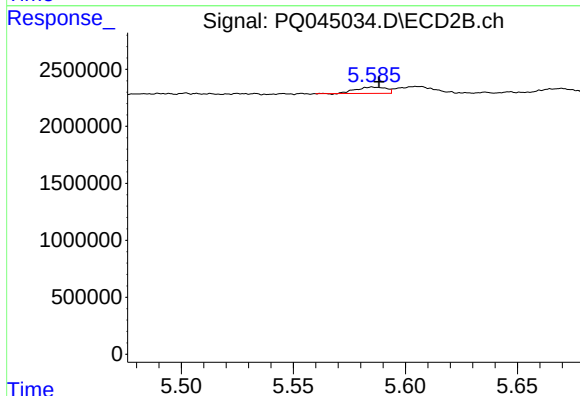
R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 1236175
Conc: 16.97 ng/ml



#16 AR-1242-1

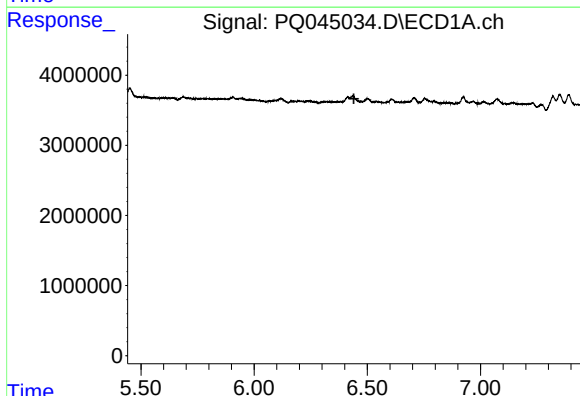
R.T.: 0.000 min
Exp R.T.: 6.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268314



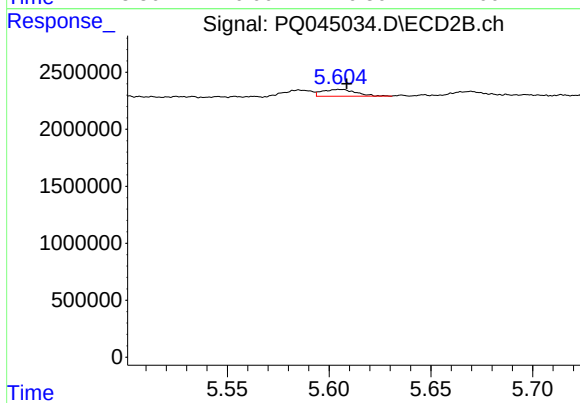
#16 AR-1242-1

R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 516988
Conc: 3.30 ng/ml



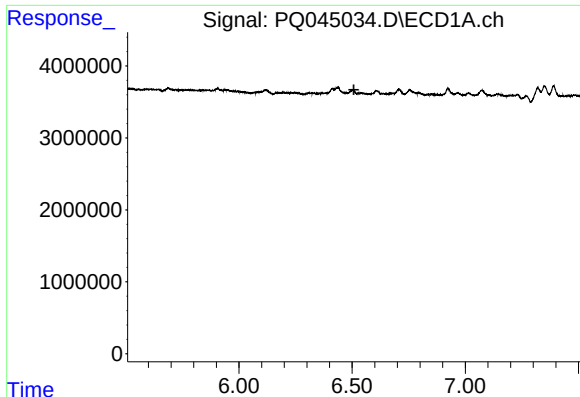
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.441 min
Response: 0
Conc: N.D.



#17 AR-1242-2

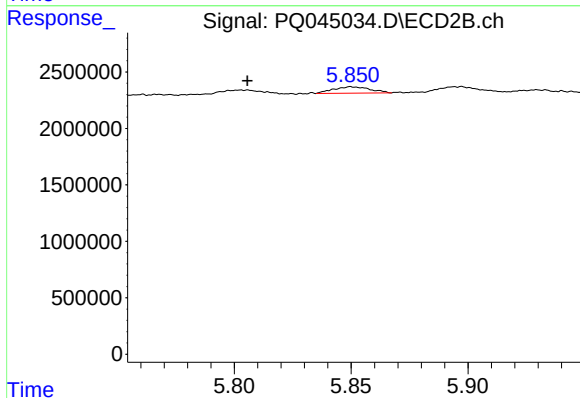
R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 697989
Conc: 3.12 ng/ml



#18 AR-1242-3

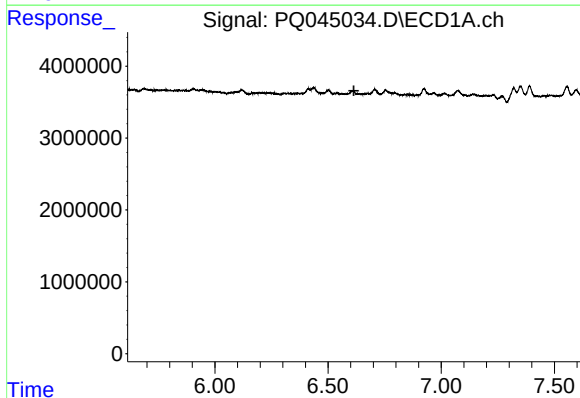
R.T.: 0.000 min
Exp R.T.: 6.508 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268314



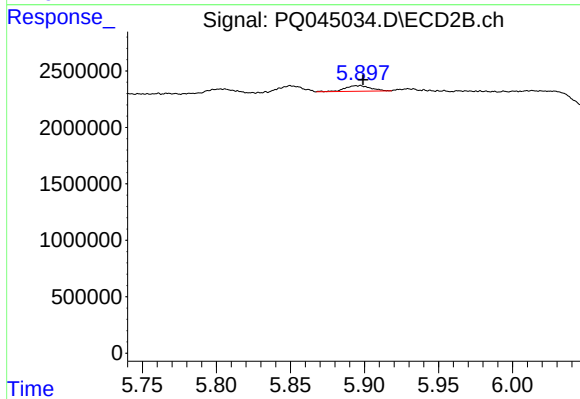
#18 AR-1242-3

R.T.: 5.850 min
Delta R.T.: 0.044 min
Response: 624555
Conc: 5.62 ng/ml



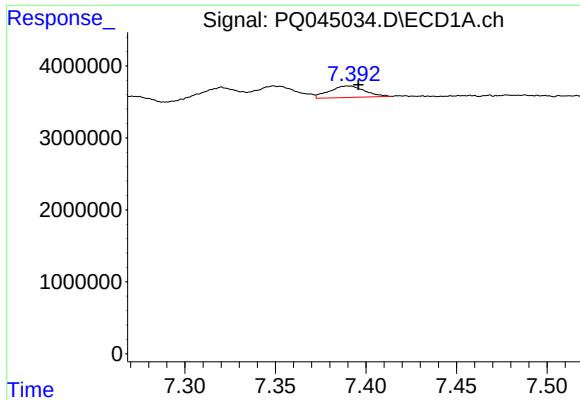
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.



#19 AR-1242-4

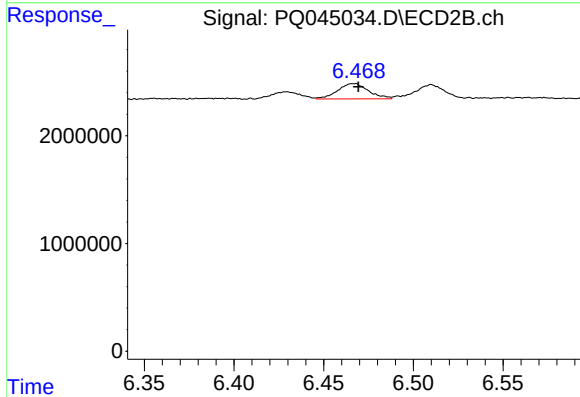
R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 597513
Conc: 5.01 ng/ml



#20 AR-1242-5

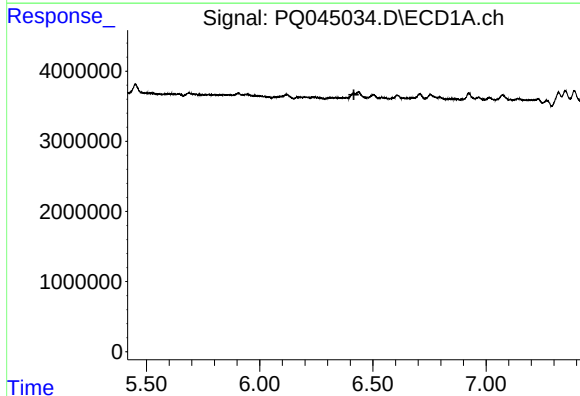
R.T.: 7.390 min
Delta R.T.: -0.006 min
Response: 2155717
Conc: 11.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



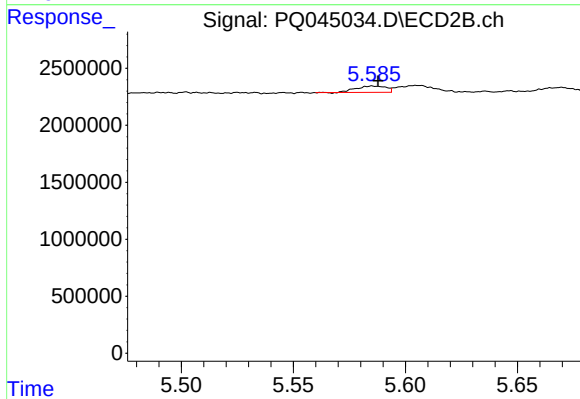
#20 AR-1242-5

R.T.: 6.468 min
Delta R.T.: -0.001 min
Response: 1704497
Conc: 10.38 ng/ml



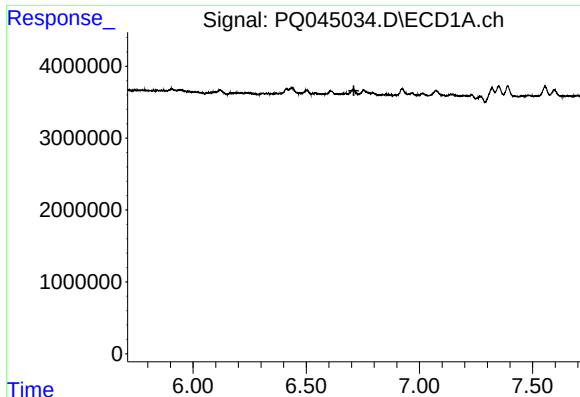
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.416 min
Response: 0
Conc: N.D.



#21 AR-1248-1

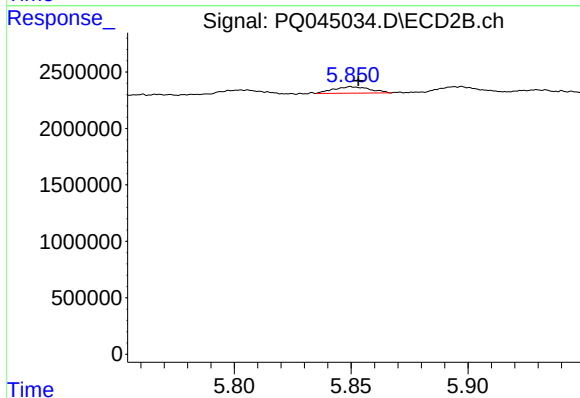
R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 516988
Conc: 4.15 ng/ml



#22 AR-1248-2

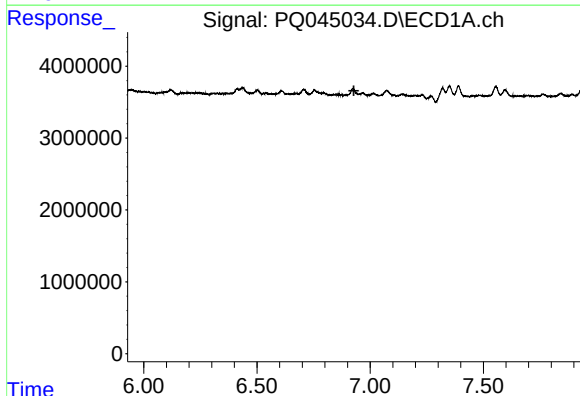
R.T.: 0.000 min
Exp R.T.: 6.711 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268314



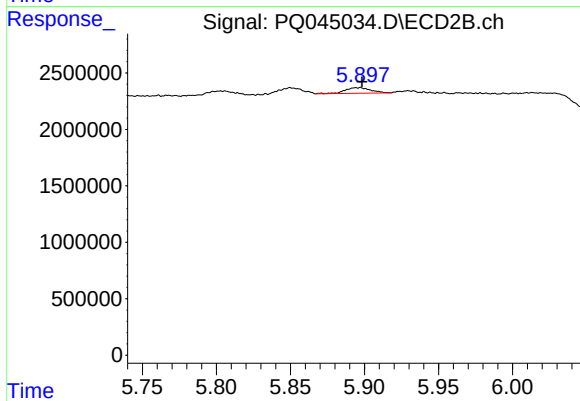
#22 AR-1248-2

R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 624555
Conc: 3.67 ng/ml



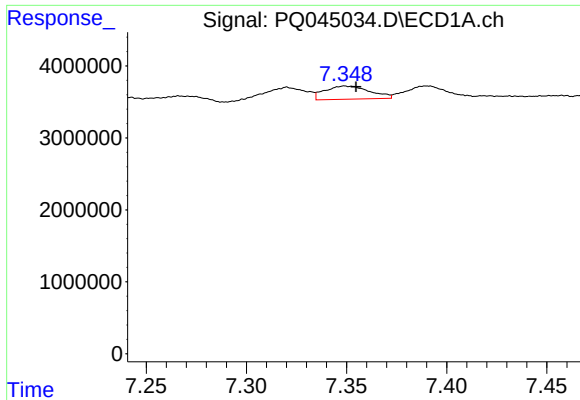
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.928 min
Response: 0
Conc: N.D.



#23 AR-1248-3

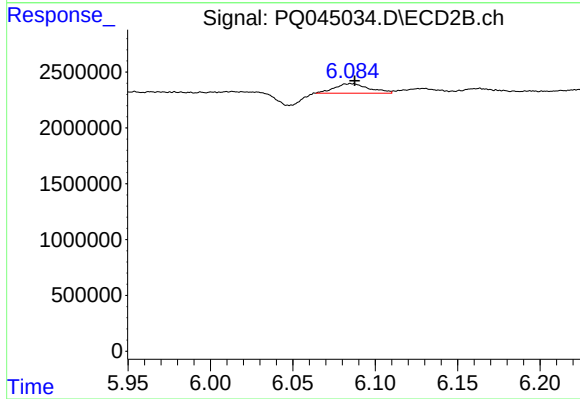
R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 597513
Conc: 3.34 ng/ml



#24 AR-1248-4

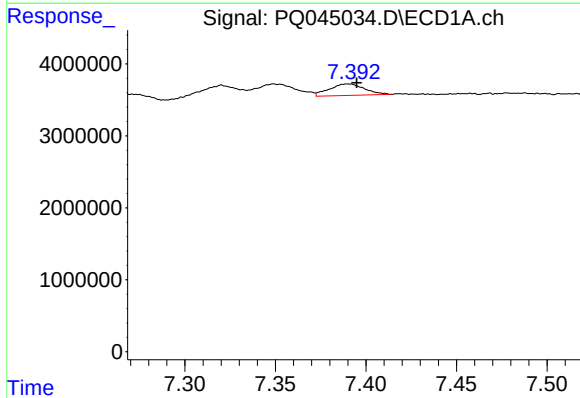
R.T.: 7.349 min
Delta R.T.: -0.006 min
Response: 2869100
Conc: 9.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



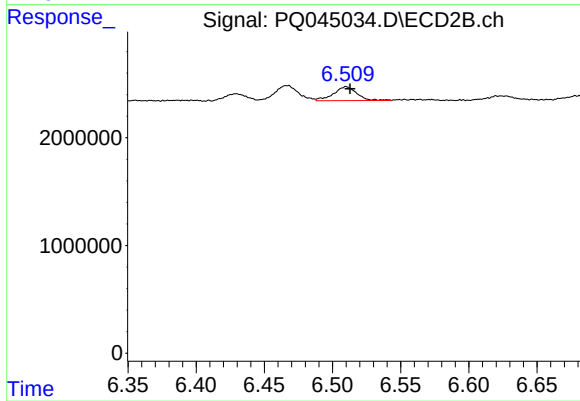
#24 AR-1248-4

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 1236175
Conc: 5.68 ng/ml



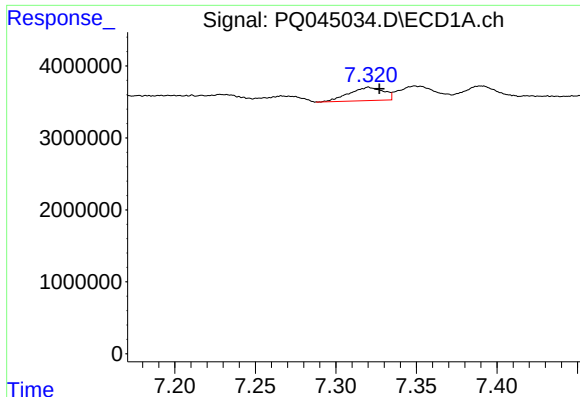
#25 AR-1248-5

R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 2155717
Conc: 7.54 ng/ml



#25 AR-1248-5

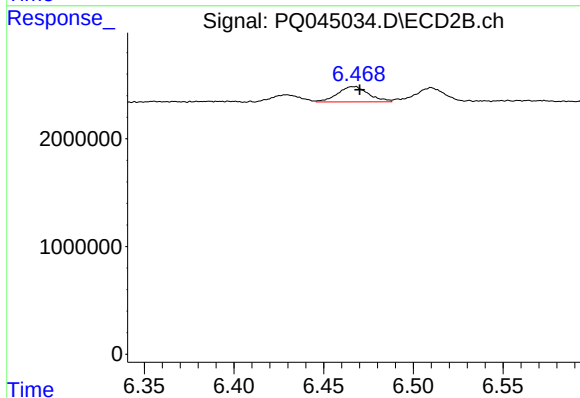
R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 1538413
Conc: 6.90 ng/ml



#26 AR-1254-1

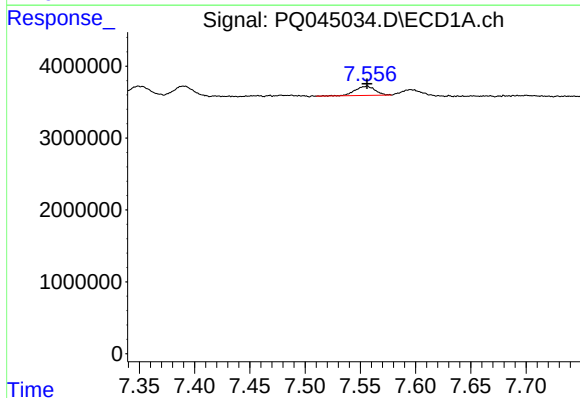
R.T.: 7.320 min
Delta R.T.: -0.007 min
Response: 2752223
Conc: 8.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



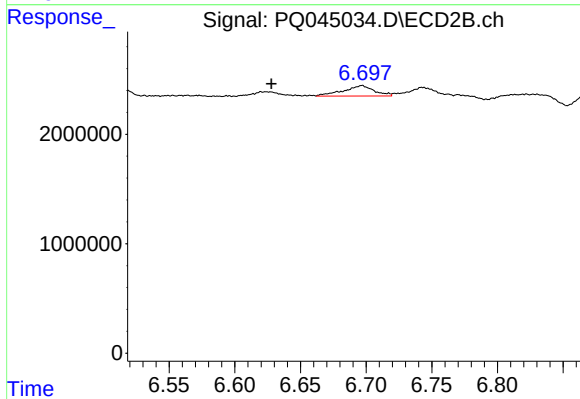
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 1704497
Conc: 4.69 ng/ml



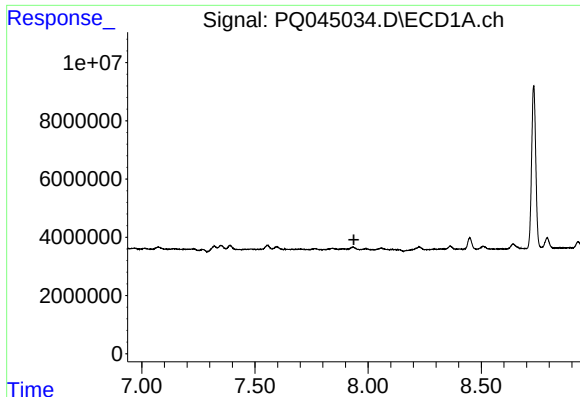
#27 AR-1254-2

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 1631002
Conc: 3.28 ng/ml



#27 AR-1254-2

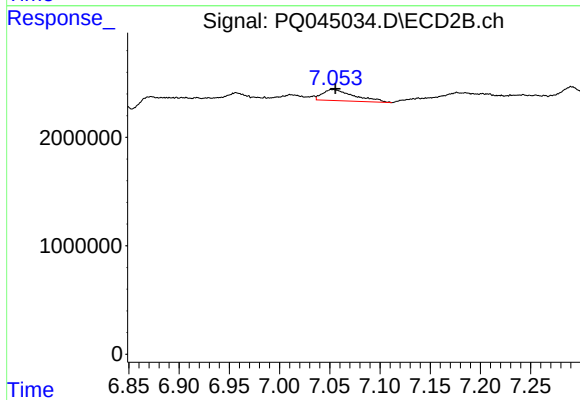
R.T.: 6.697 min
Delta R.T.: 0.069 min
Response: 1568337
Conc: 4.87 ng/ml



#28 AR-1254-3

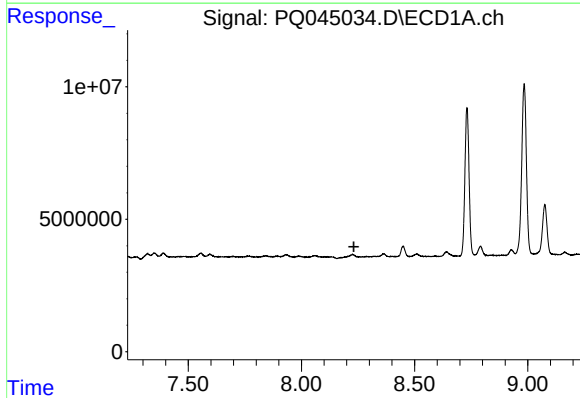
R.T.: 0.000 min
Exp R.T. : 7.937 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268314



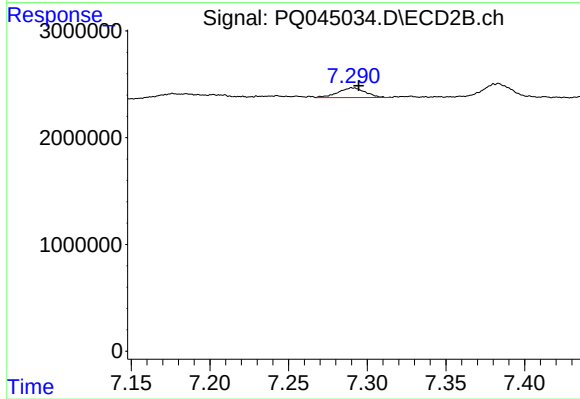
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 2277256
Conc: 4.11 ng/ml



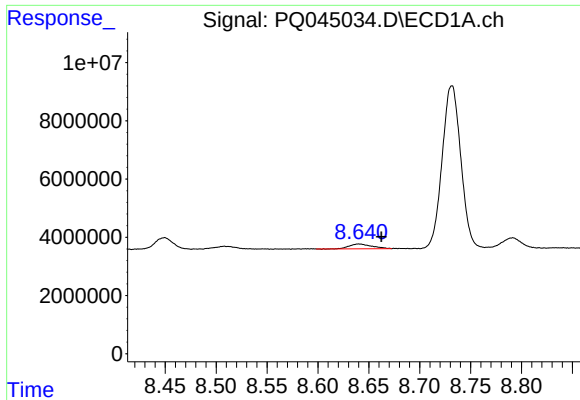
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 8.232 min
Response: 0
Conc: N.D.



#29 AR-1254-4

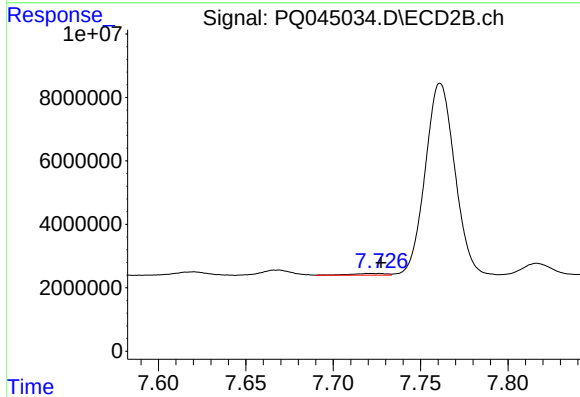
R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 1087264
Conc: 3.04 ng/ml



#30 AR-1254-5

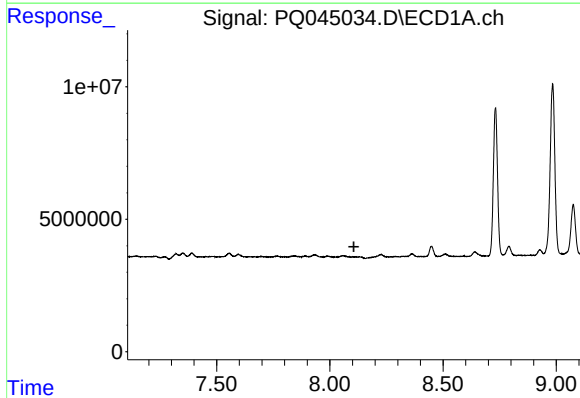
R.T.: 8.640 min
Delta R.T.: -0.022 min
Response: 2515497
Conc: 5.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



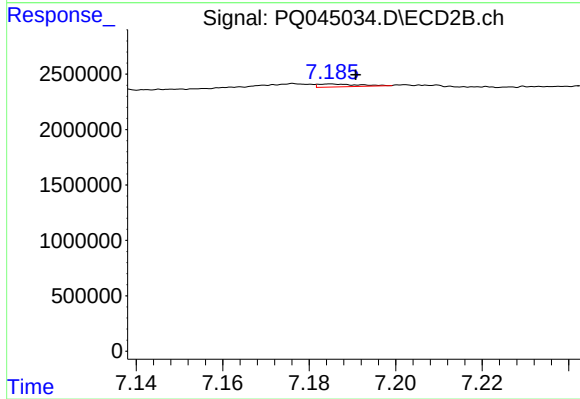
#30 AR-1254-5

R.T.: 7.720 min
Delta R.T.: -0.008 min
Response: 788365
Conc: 1.58 ng/ml



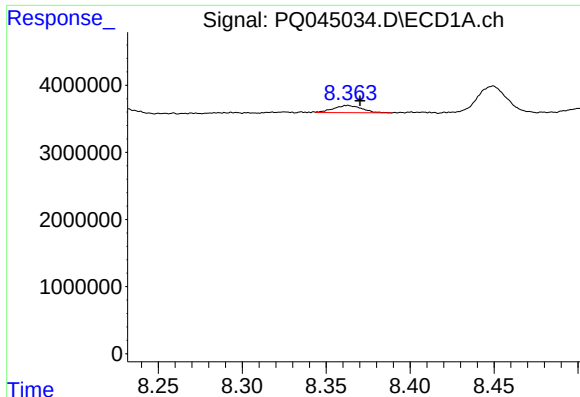
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.106 min
Response: 0
Conc: N.D.



#31 AR-1260-1

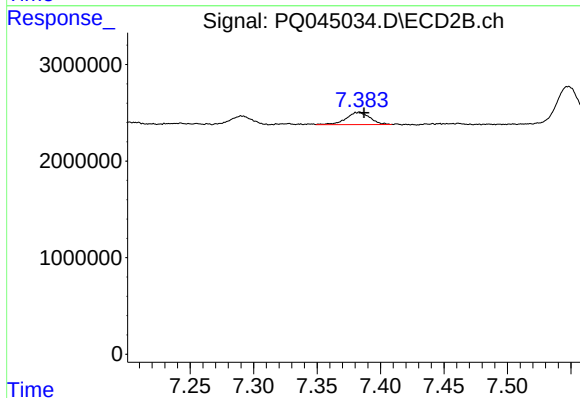
R.T.: 7.185 min
Delta R.T.: -0.006 min
Response: 162073
Conc: 0.53 ng/ml



#32 AR-1260-2

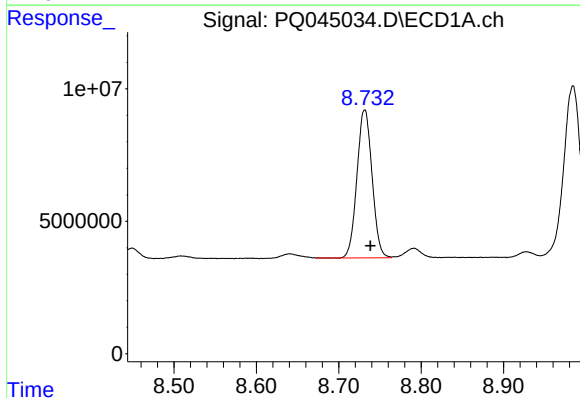
R.T.: 8.363 min
Delta R.T.: -0.007 min
Response: 1265669
Conc: 3.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



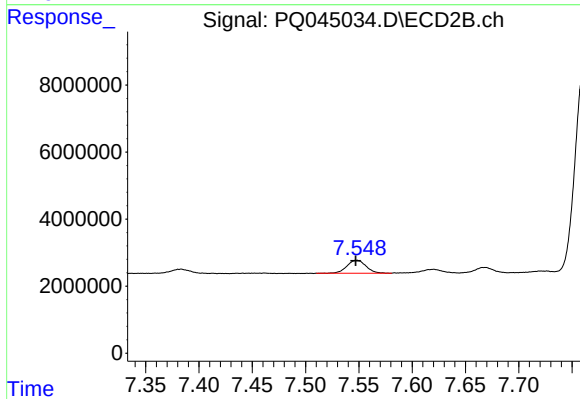
#32 AR-1260-2

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 1654200
Conc: 4.19 ng/ml



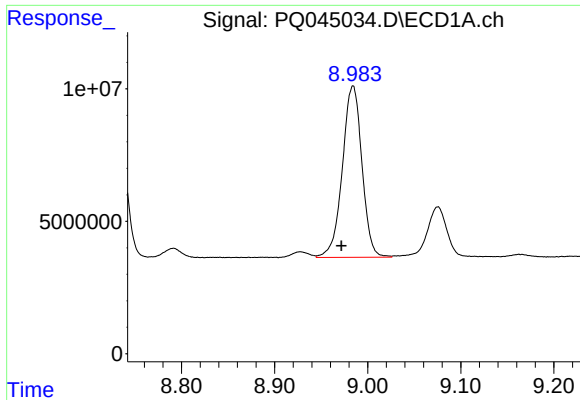
#33 AR-1260-3

R.T.: 8.732 min
Delta R.T.: -0.007 min
Response: 71259092
Conc: 218.26 ng/ml



#33 AR-1260-3

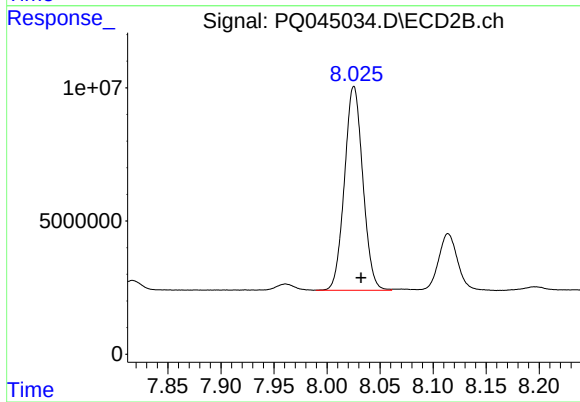
R.T.: 7.548 min
Delta R.T.: 0.001 min
Response: 4854887
Conc: 14.17 ng/ml



#34 AR-1260-4

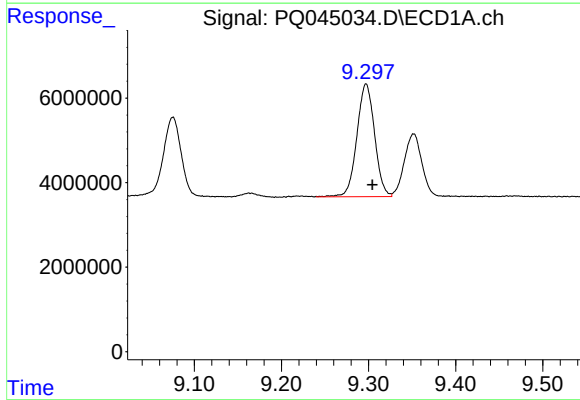
R.T.: 8.984 min
Delta R.T.: 0.012 min
Response: 94719173
Conc: 249.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



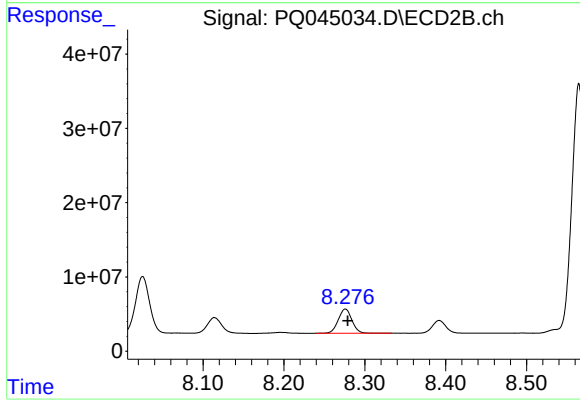
#34 AR-1260-4

R.T.: 8.025 min
Delta R.T.: -0.007 min
Response: 92248353
Conc: 300.82 ng/ml



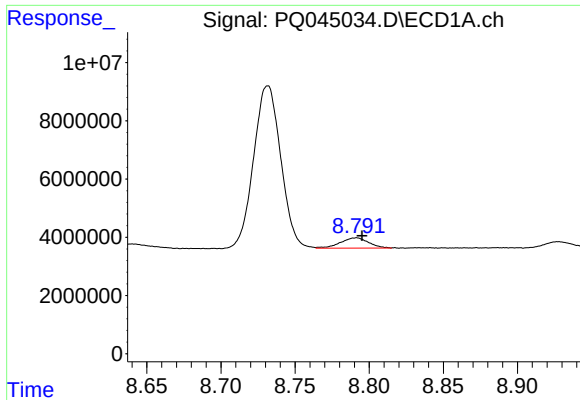
#35 AR-1260-5

R.T.: 9.297 min
Delta R.T.: -0.007 min
Response: 37767145
Conc: 49.06 ng/ml



#35 AR-1260-5

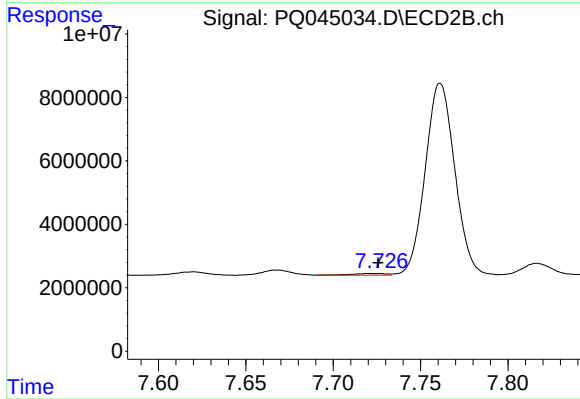
R.T.: 8.276 min
Delta R.T.: -0.003 min
Response: 38430304
Conc: 49.10 ng/ml



#36 AR-1262-1

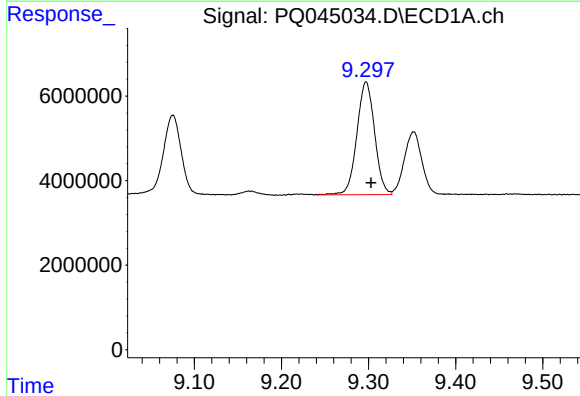
R.T.: 8.792 min
Delta R.T.: -0.004 min
Response: 4671000
Conc: 22.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



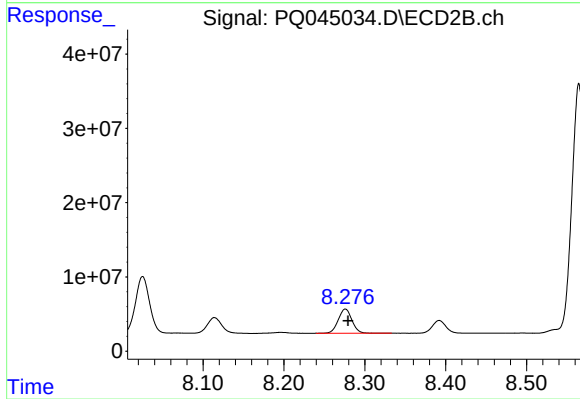
#36 AR-1262-1

R.T.: 7.720 min
Delta R.T.: -0.006 min
Response: 788365
Conc: 3.11 ng/ml



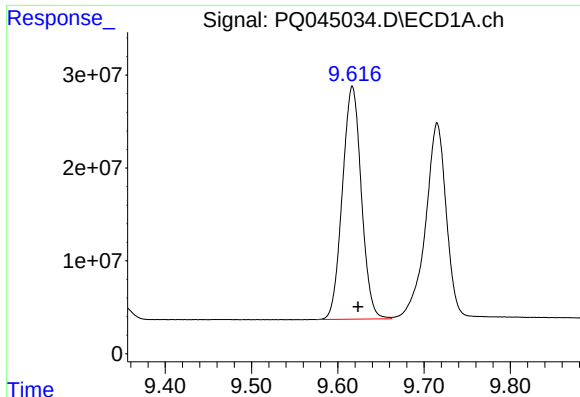
#37 AR-1262-2

R.T.: 9.297 min
Delta R.T.: -0.006 min
Response: 37767145
Conc: 41.82 ng/ml



#37 AR-1262-2

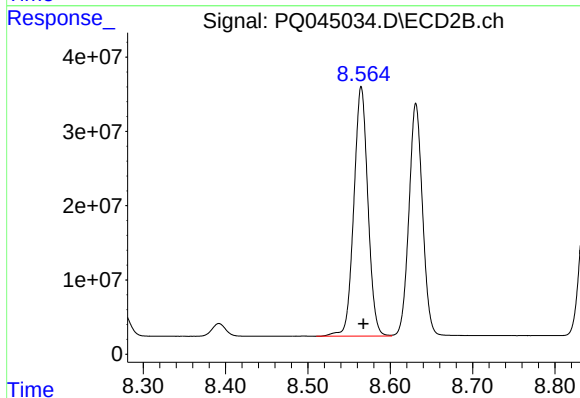
R.T.: 8.276 min
Delta R.T.: -0.003 min
Response: 38430304
Conc: 38.95 ng/ml



#38 AR-1262-3

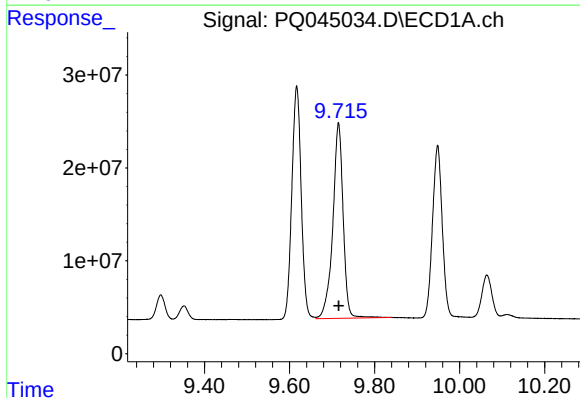
R.T.: 9.617 min
Delta R.T.: -0.007 min
Response: 383333637
Conc: 628.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



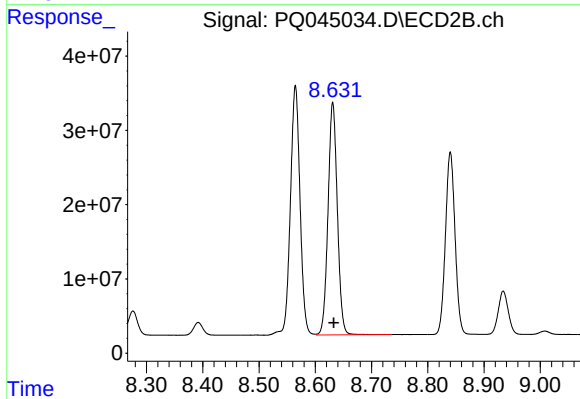
#38 AR-1262-3

R.T.: 8.565 min
Delta R.T.: -0.003 min
Response: 399220897
Conc: 1036.10 ng/ml



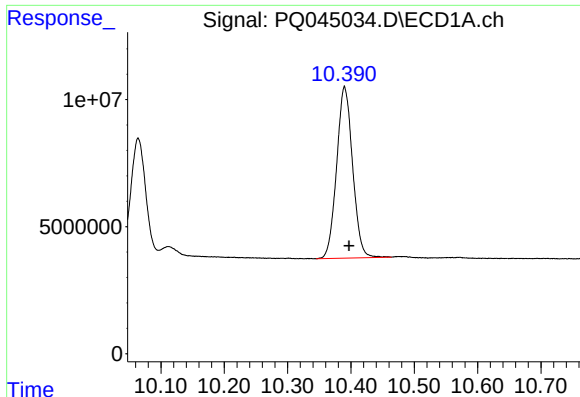
#39 AR-1262-4

R.T.: 9.715 min
Delta R.T.: 0.000 min
Response: 355842898
Conc: 783.24 ng/ml



#39 AR-1262-4

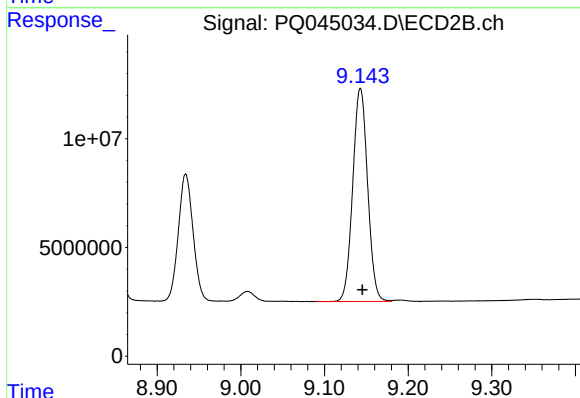
R.T.: 8.631 min
Delta R.T.: -0.002 min
Response: 359595398
Conc: 488.11 ng/ml



#40 AR-1262-5

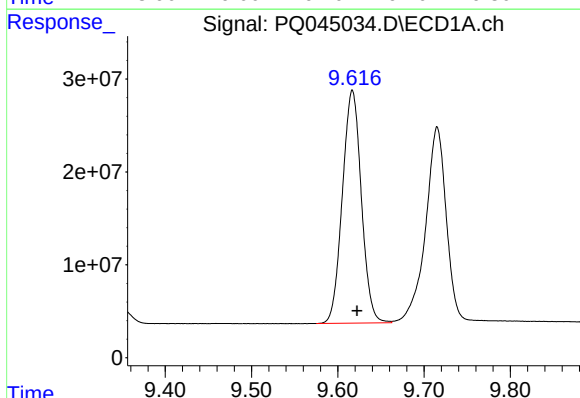
R.T.: 10.390 min
Delta R.T.: -0.007 min
Response: 117937733
Conc: 385.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



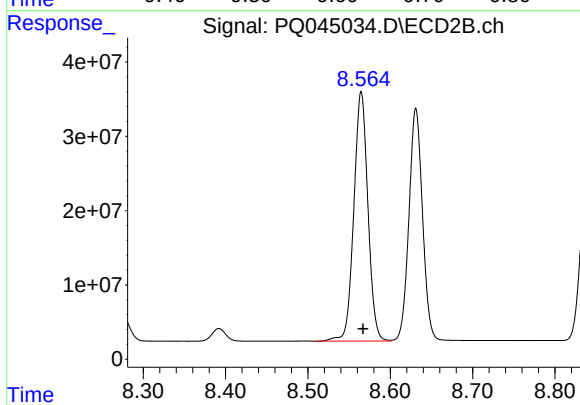
#40 AR-1262-5

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 121128342
Conc: 347.91 ng/ml



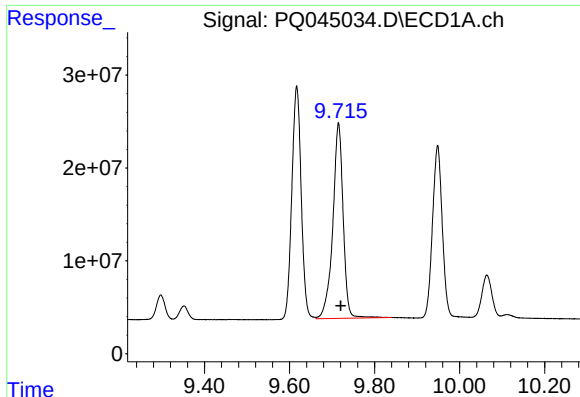
#41 AR-1268-1

R.T.: 9.617 min
Delta R.T.: -0.005 min
Response: 383333637
Conc: 343.27 ng/ml



#41 AR-1268-1

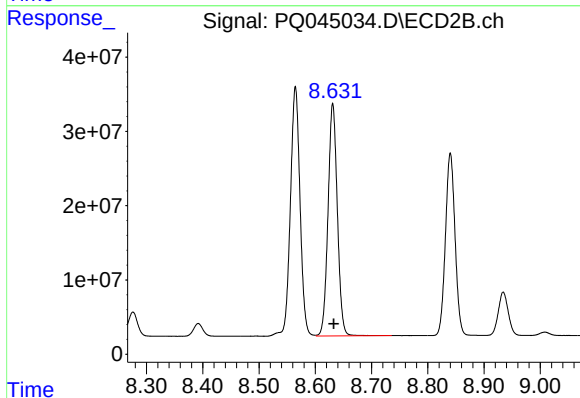
R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 399220897
Conc: 332.00 ng/ml



#42 AR-1268-2

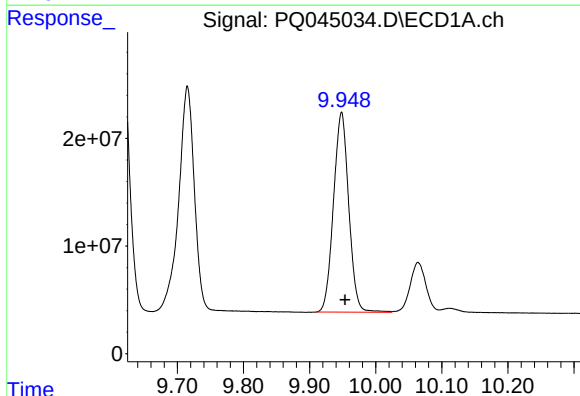
R.T.: 9.715 min
Delta R.T.: -0.005 min
Response: 355842898
Conc: 350.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



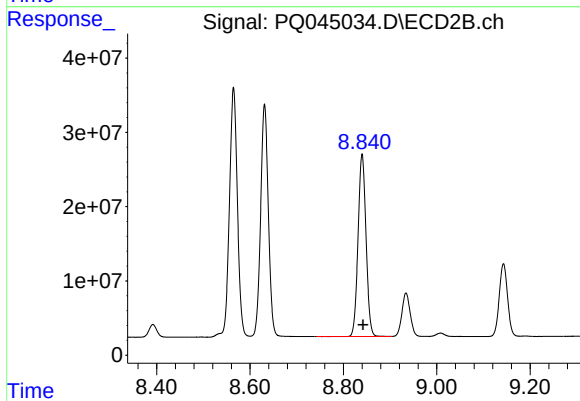
#42 AR-1268-2

R.T.: 8.631 min
Delta R.T.: -0.002 min
Response: 359595398
Conc: 322.92 ng/ml



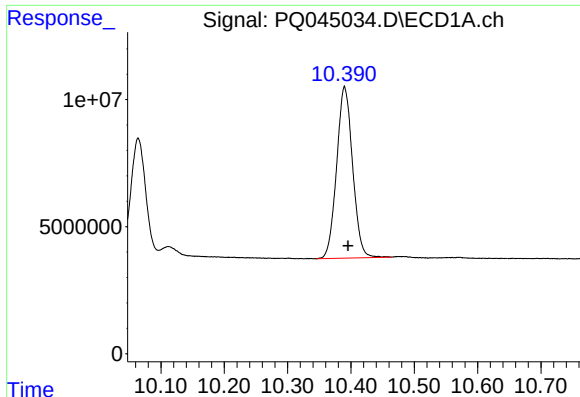
#43 AR-1268-3

R.T.: 9.948 min
Delta R.T.: -0.005 min
Response: 297505785
Conc: 340.28 ng/ml



#43 AR-1268-3

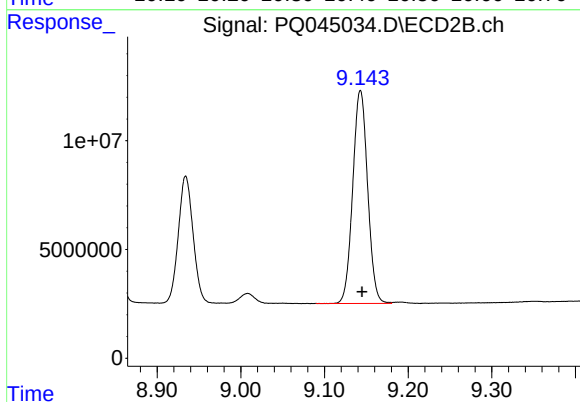
R.T.: 8.840 min
Delta R.T.: -0.002 min
Response: 291148114
Conc: 312.98 ng/ml



#44 AR-1268-4

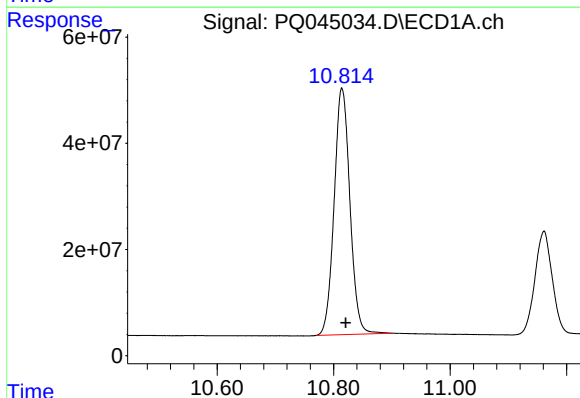
R.T.: 10.390 min
Delta R.T.: -0.005 min
Response: 117937733
Conc: 339.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268314



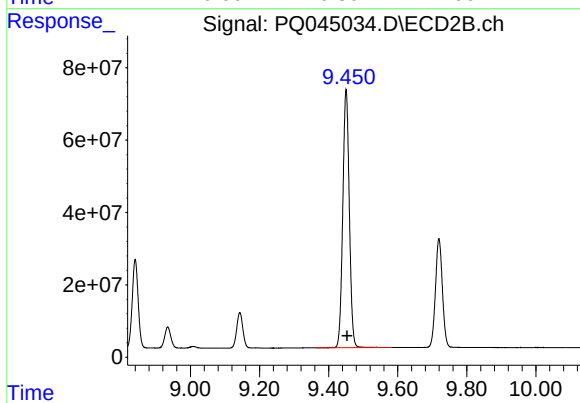
#44 AR-1268-4

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 121128342
Conc: 300.75 ng/ml



#45 AR-1268-5

R.T.: 10.814 min
Delta R.T.: -0.007 min
Response: 873634995
Conc: 334.89 ng/ml



#45 AR-1268-5

R.T.: 9.451 min
Delta R.T.: -0.003 min
Response: 935690835
Conc: 309.62 ng/ml