

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040119\
 Data File : PQ038609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2019 15:27
 Operator : SM\SJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254304

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 00:36:42 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...	4.723	3.999	85495788	45263791	20.744	26.819 #
2)	SA Decachlor...	10.674	9.127	218.8E6	117.2E6	40.223	49.542
Target Compounds							
3)	L1 AR-1016-1	5.903	5.155	1355935	2365233	5.678	22.138 #
4)	L1 AR-1016-2	5.929	5.155	1877001	2365233	5.170	15.268 #
5)	L1 AR-1016-3	5.929	5.341	1877001	31616266	8.432	394.297 #
6)	L1 AR-1016-4	0.000	5.384	0	10482758	N.D.	165.096 #
7)	L1 AR-1016-5	6.386	5.603	24020518	2928306	130.133	33.433 #
8)	L2 AR-1221-1	0.000	4.215	0	1853706	N.D.	79.418 #
9)	L2 AR-1221-2	0.000	4.309	0	3215351	N.D.	193.142 #
10)	L2 AR-1221-3	0.000	4.381	0	3339057	N.D.	58.696 #
11)	L3 AR-1232-1	0.000	4.381	0	3339057	N.D.	81.671 #
12)	L3 AR-1232-2	0.000	5.155	0	2365233	N.D.	52.996 #
13)	L3 AR-1232-3	5.929	5.341	1877001	31616266	17.686	1314.007 #
14)	L3 AR-1232-4	0.000	5.417	0	8072599	N.D.	357.421 #
15)	L3 AR-1232-5	6.178	5.603	38849273	2928306	954.895	120.982 #
16)	L4 AR-1242-1	5.903	5.104	1355935	7740837	8.859	109.932 #
17)	L4 AR-1242-2	5.929	5.155	1877001	2365233	8.215	23.475 #
18)	L4 AR-1242-3	5.929	5.341	1877001	31616266	13.077	590.583 #
19)	L4 AR-1242-4	0.000	5.417	0	8072599	N.D.	148.721 #
20)	L4 AR-1242-5	6.833	5.955	22119096	6741994	166.523	91.717 #
21)	L5 AR-1248-1	5.903	5.104	1355935	7740837	12.603	154.259 #
22)	L5 AR-1248-2	6.178	5.384	38849273	10482758	238.310	147.108 #
23)	L5 AR-1248-3	6.386	5.417	24020518	8072599	131.340	110.202
24)	L5 AR-1248-4	6.790	5.603	34414422	2928306	164.145	32.385 #
25)	L5 AR-1248-5	6.833	6.000	22119096	17333373	109.746	193.197 #
26)	L6 AR-1254-1	6.765	5.955	74498755	6741994	310.238	41.933 #
27)	L6 AR-1254-2	6.982	6.113	115.2E6	-5310772	305.451	N.D. #
28)	L6 AR-1254-3	7.353	6.522	123.5E6	9057746	304.120	37.673 #
29)	L6 AR-1254-4	7.639	6.696	87267399	69823334	310.025	450.560 #
30)	L6 AR-1254-5	8.060	7.116	101.1E6	81971442	313.327	404.348 #
31)	L7 AR-1260-1	7.516	6.648	47717576	6839460	112.154	33.452 #
32)	L7 AR-1260-2	7.771	6.838	53790689	2291659	104.783	8.946 #
33)	L7 AR-1260-3	8.124	7.016	12988339	28713961	33.577	120.030 #
34)	L7 AR-1260-4	8.364	7.457	37859315	20332167	83.000	102.721
35)	L7 AR-1260-5	8.715	7.690	16285079	3637991	17.197	7.399 #
36)	L8 AR-1262-1	8.124	7.189	12988339	8738654	32.766	40.583
37)	L8 AR-1262-2	8.715	7.690	16285079	3637991	22.831	9.338 #
38)	L8 AR-1262-3	9.073	8.004	10920543	8840476	22.815	59.378 #
39)	L8 AR-1262-4	9.125	8.004	2669543	8840476	7.054	31.015 #
40)	L8 AR-1262-5	0.000	8.525	0	823924	N.D.	6.971 #
41)	L9 AR-1268-1	9.073	8.004	10920543	8840476	6.888	11.040 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040119\
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Acq On : 01 Apr 2019 15:27
Operator : SM\SJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

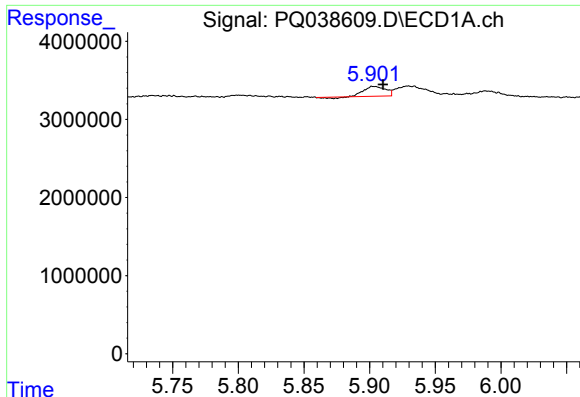
Instrument :
ECD_Q
ClientSampleId :
AR1254304

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 00:36:42 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
42) L9	AR-1268-2	9.125	8.004	2669543	8840476	1.837	12.179 #
43) L9	AR-1268-3	9.397	8.219	2778368	1641075	2.155	2.608
44) L9	AR-1268-4	0.000	8.525	0	823924	N.D.	3.499 #
45) L9	AR-1268-5	10.310	8.844	1901421	7770219	0.441	4.035 #

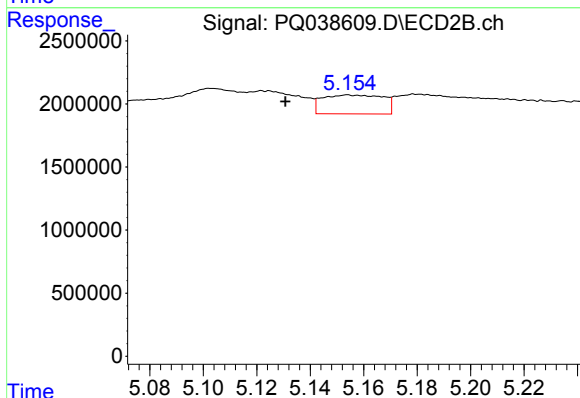
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

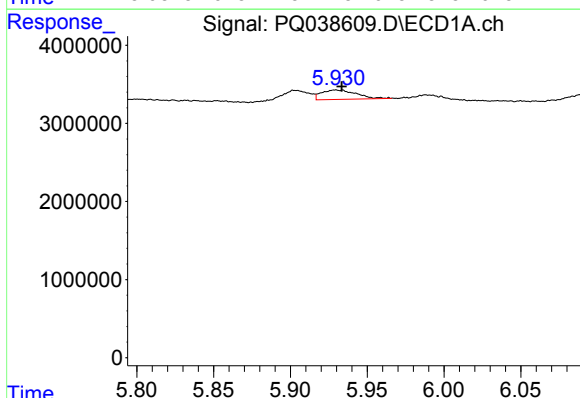
R.T.: 5.903 min
Delta R.T.: -0.007 min
Response: 1355935
Conc: 5.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



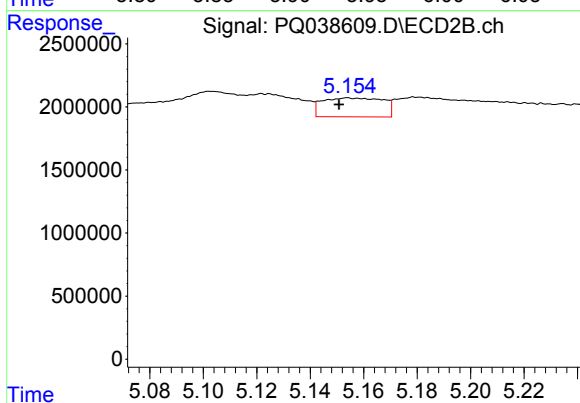
#3 AR-1016-1

R.T.: 5.155 min
Delta R.T.: 0.025 min
Response: 2365233
Conc: 22.14 ng/ml



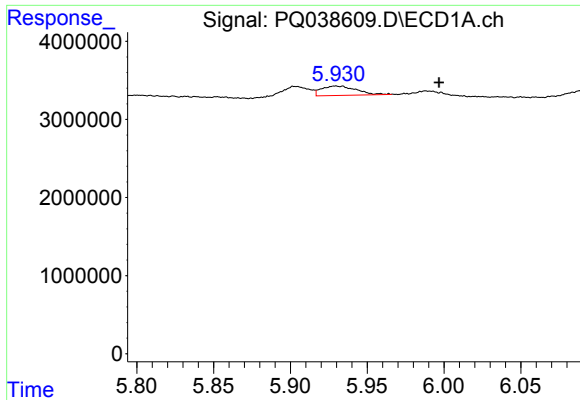
#4 AR-1016-2

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 1877001
Conc: 5.17 ng/ml



#4 AR-1016-2

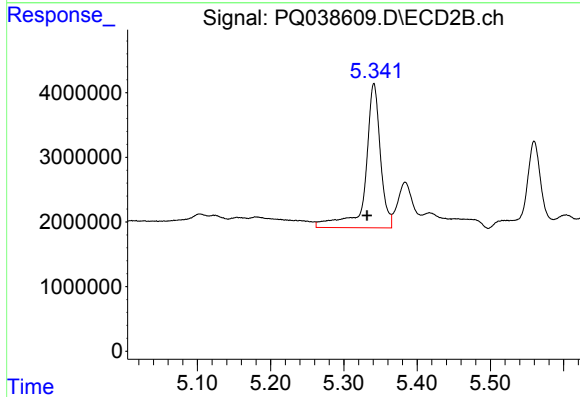
R.T.: 5.155 min
Delta R.T.: 0.004 min
Response: 2365233
Conc: 15.27 ng/ml



#5 AR-1016-3

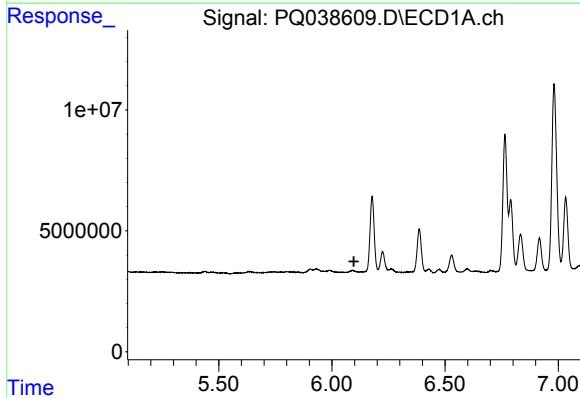
R.T.: 5.929 min
Delta R.T.: -0.067 min
Response: 1877001
Conc: 8.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



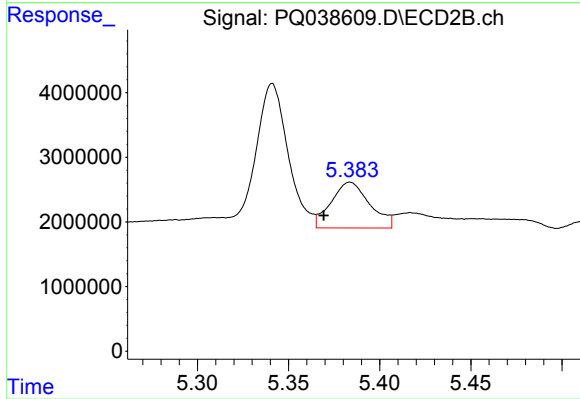
#5 AR-1016-3

R.T.: 5.341 min
Delta R.T.: 0.009 min
Response: 31616266
Conc: 394.30 ng/ml



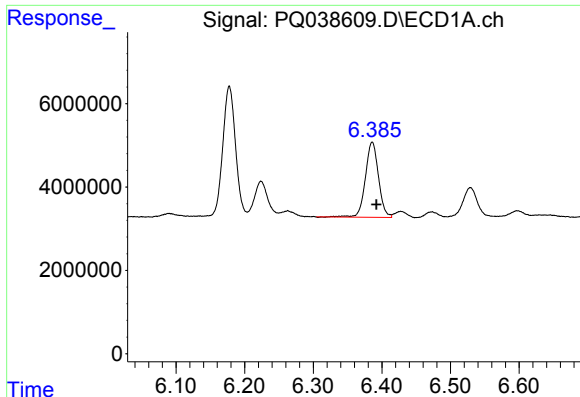
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#6 AR-1016-4

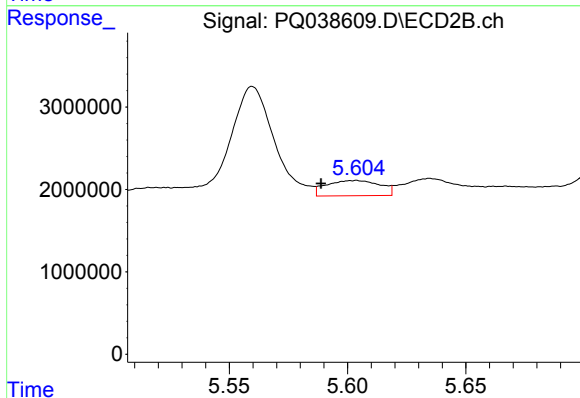
R.T.: 5.384 min
Delta R.T.: 0.014 min
Response: 10482758
Conc: 165.10 ng/ml



#7 AR-1016-5

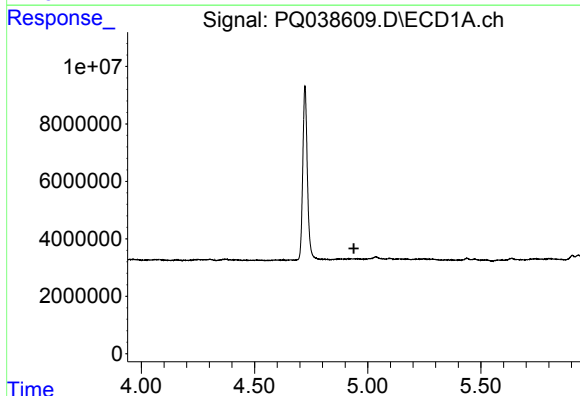
R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 24020518
Conc: 130.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



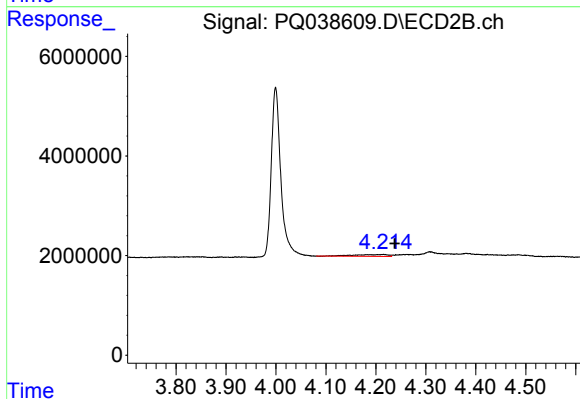
#7 AR-1016-5

R.T.: 5.603 min
Delta R.T.: 0.014 min
Response: 2928306
Conc: 33.43 ng/ml



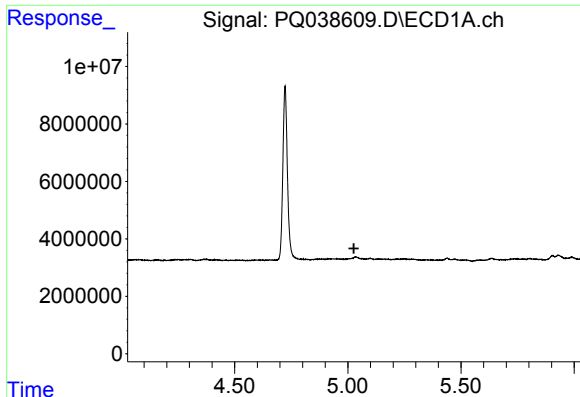
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.939 min
Response: 0
Conc: N.D.



#8 AR-1221-1

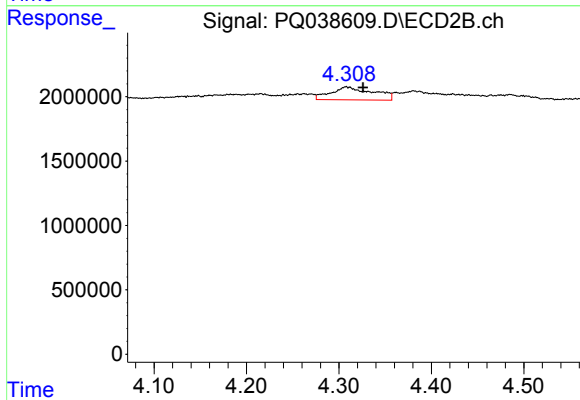
R.T.: 4.215 min
Delta R.T.: -0.023 min
Response: 1853706
Conc: 79.42 ng/ml



#9 AR-1221-2

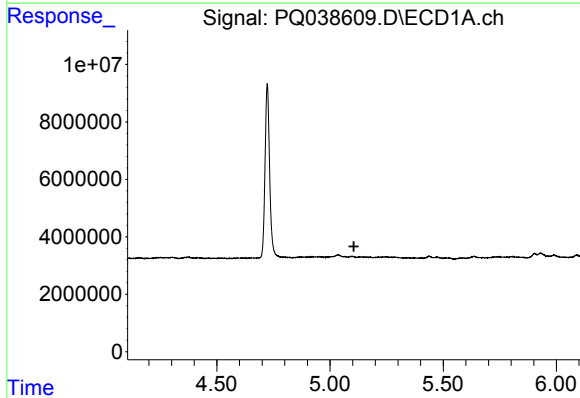
R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254304



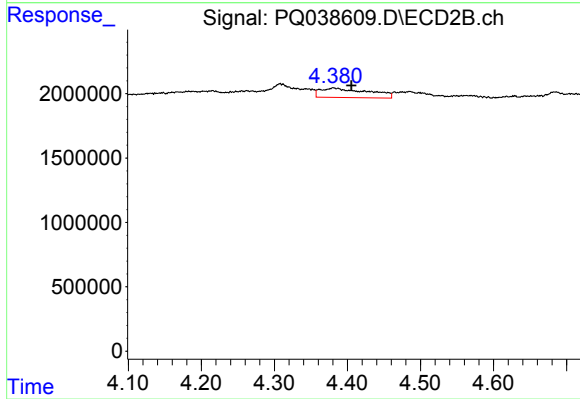
#9 AR-1221-2

R.T.: 4.309 min
Delta R.T.: -0.017 min
Response: 3215351
Conc: 193.14 ng/ml



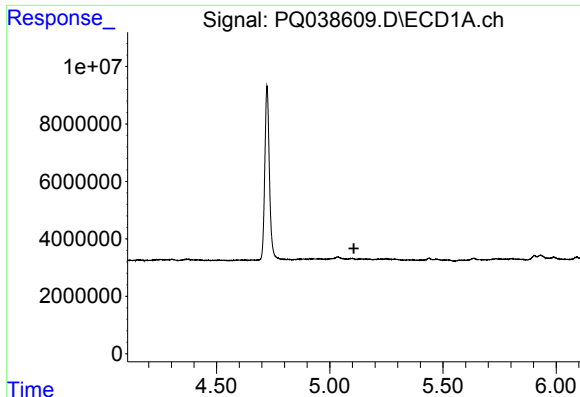
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.105 min
Response: 0
Conc: N.D.



#10 AR-1221-3

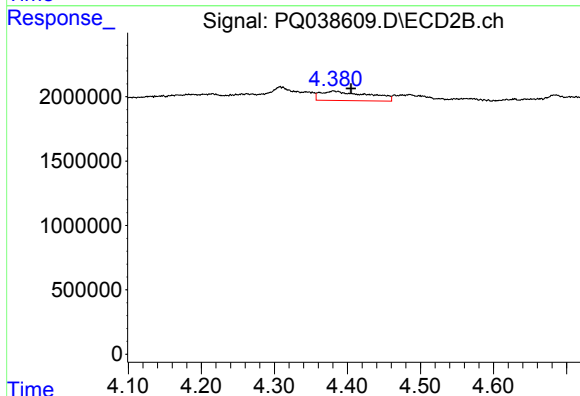
R.T.: 4.381 min
Delta R.T.: -0.024 min
Response: 3339057
Conc: 58.70 ng/ml



#11 AR-1232-1

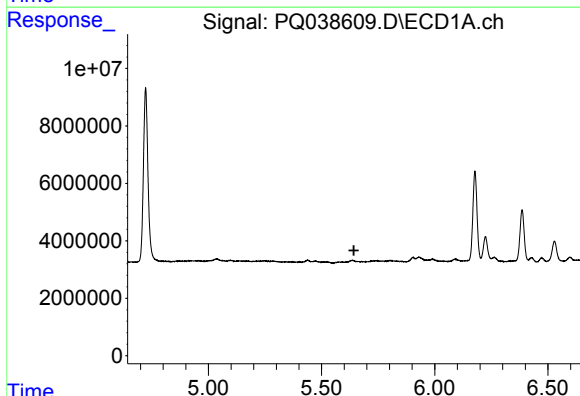
R.T.: 0.000 min
Exp R.T.: 5.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254304



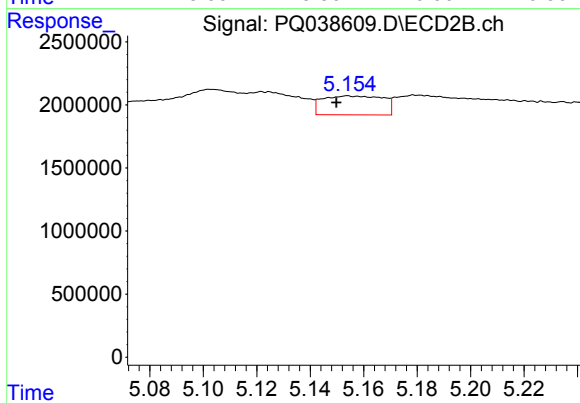
#11 AR-1232-1

R.T.: 4.381 min
Delta R.T.: -0.024 min
Response: 3339057
Conc: 81.67 ng/ml



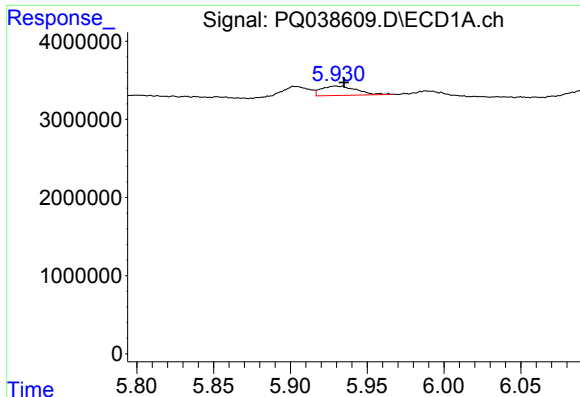
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.643 min
Response: 0
Conc: N.D.



#12 AR-1232-2

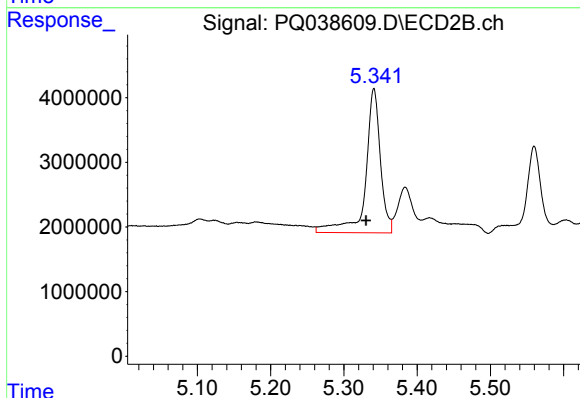
R.T.: 5.155 min
Delta R.T.: 0.006 min
Response: 2365233
Conc: 53.00 ng/ml



#13 AR-1232-3

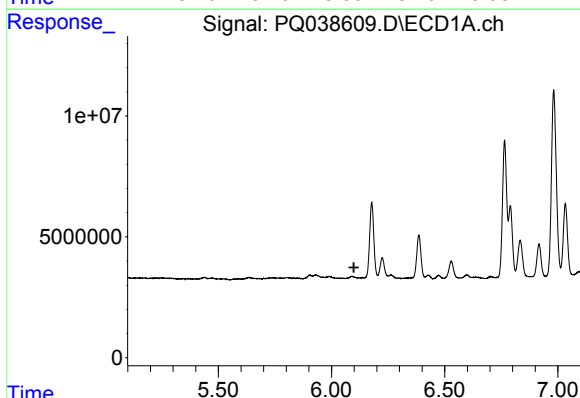
R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 1877001
Conc: 17.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



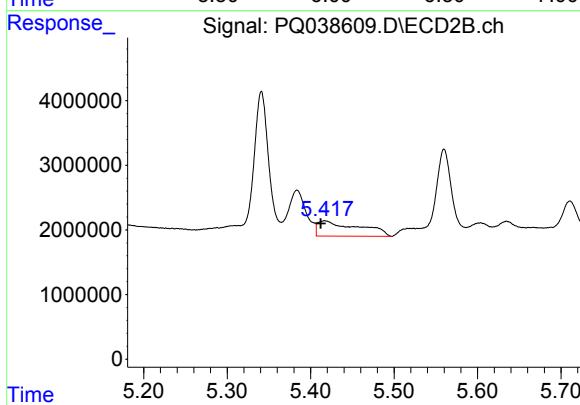
#13 AR-1232-3

R.T.: 5.341 min
Delta R.T.: 0.011 min
Response: 31616266
Conc: 1314.01 ng/ml



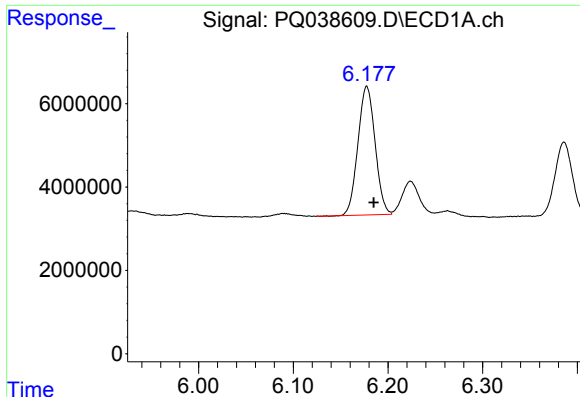
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.



#14 AR-1232-4

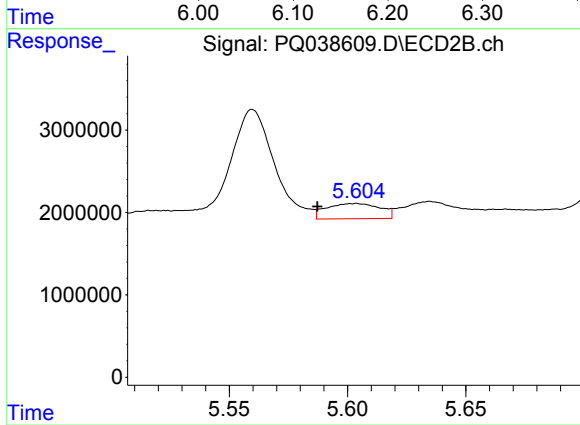
R.T.: 5.417 min
Delta R.T.: 0.005 min
Response: 8072599
Conc: 357.42 ng/ml



#15 AR-1232-5

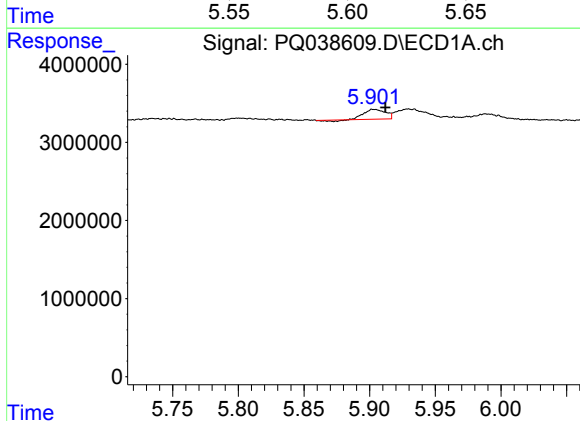
R.T.: 6.178 min
Delta R.T.: -0.007 min
Response: 38849273
Conc: 954.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



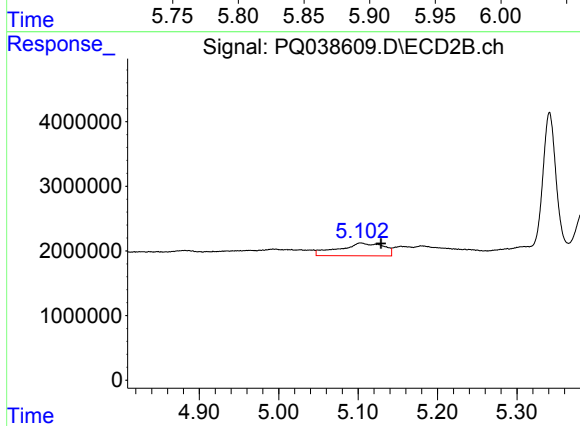
#15 AR-1232-5

R.T.: 5.603 min
Delta R.T.: 0.016 min
Response: 2928306
Conc: 120.98 ng/ml



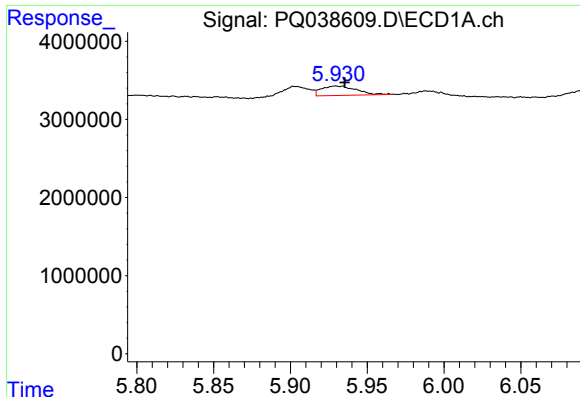
#16 AR-1242-1

R.T.: 5.903 min
Delta R.T.: -0.009 min
Response: 1355935
Conc: 8.86 ng/ml



#16 AR-1242-1

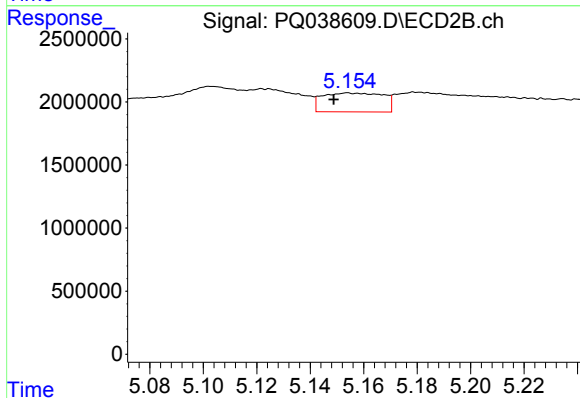
R.T.: 5.104 min
Delta R.T.: -0.025 min
Response: 7740837
Conc: 109.93 ng/ml



#17 AR-1242-2

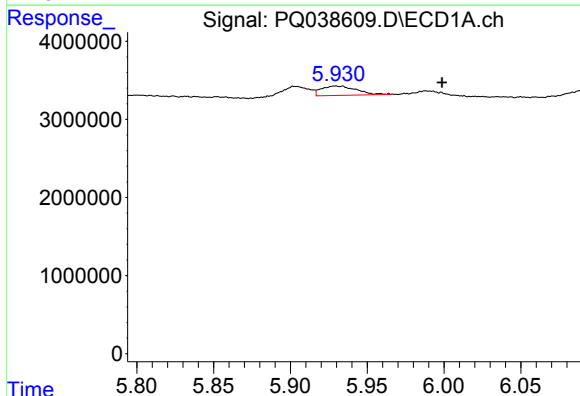
R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 1877001
Conc: 8.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



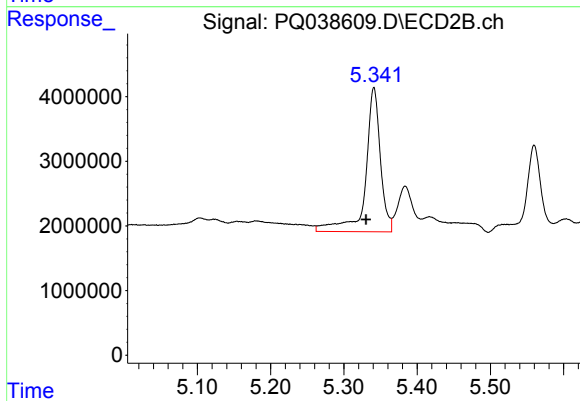
#17 AR-1242-2

R.T.: 5.155 min
Delta R.T.: 0.006 min
Response: 2365233
Conc: 23.47 ng/ml



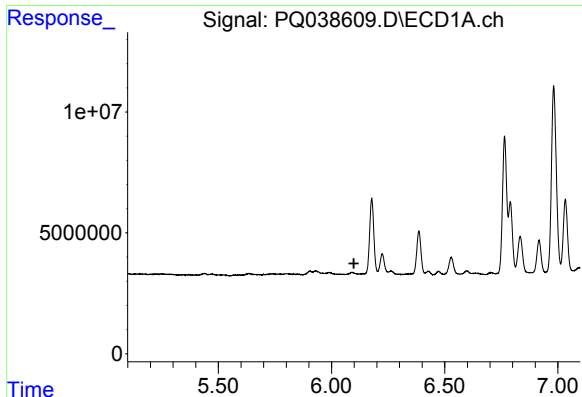
#18 AR-1242-3

R.T.: 5.929 min
Delta R.T.: -0.069 min
Response: 1877001
Conc: 13.08 ng/ml



#18 AR-1242-3

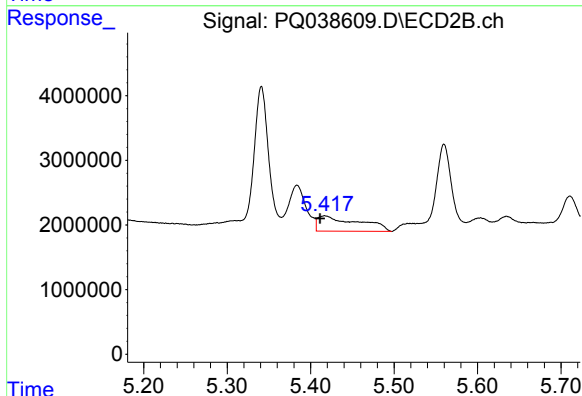
R.T.: 5.341 min
Delta R.T.: 0.011 min
Response: 31616266
Conc: 590.58 ng/ml



#19 AR-1242-4

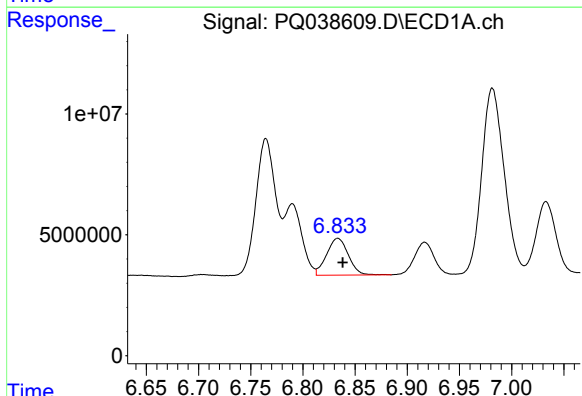
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254304



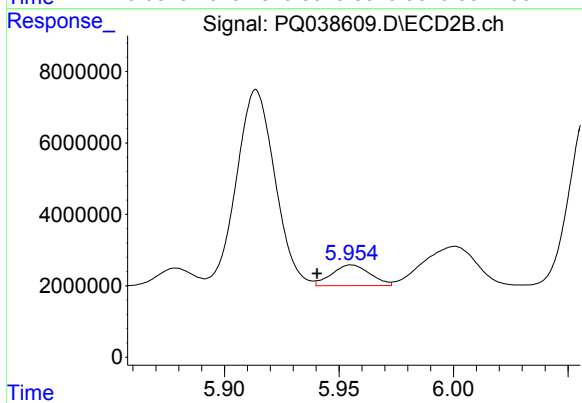
#19 AR-1242-4

R.T.: 5.417 min
Delta R.T.: 0.006 min
Response: 8072599
Conc: 148.72 ng/ml



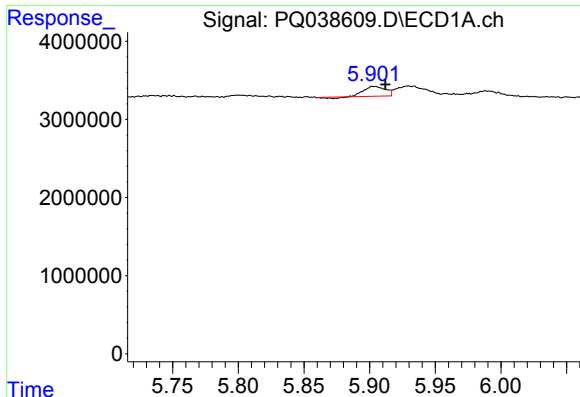
#20 AR-1242-5

R.T.: 6.833 min
Delta R.T.: -0.005 min
Response: 22119096
Conc: 166.52 ng/ml



#20 AR-1242-5

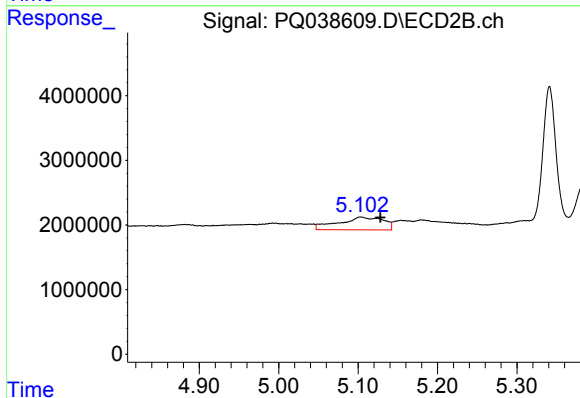
R.T.: 5.955 min
Delta R.T.: 0.015 min
Response: 6741994
Conc: 91.72 ng/ml



#21 AR-1248-1

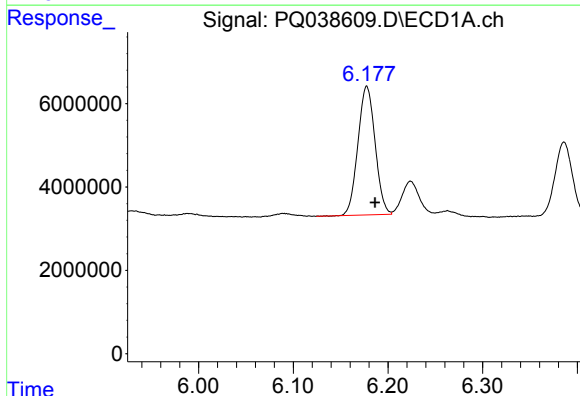
R.T.: 5.903 min
Delta R.T.: -0.009 min
Response: 1355935
Conc: 12.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



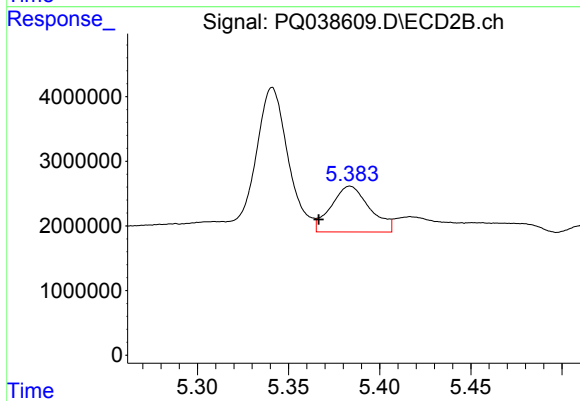
#21 AR-1248-1

R.T.: 5.104 min
Delta R.T.: -0.025 min
Response: 7740837
Conc: 154.26 ng/ml



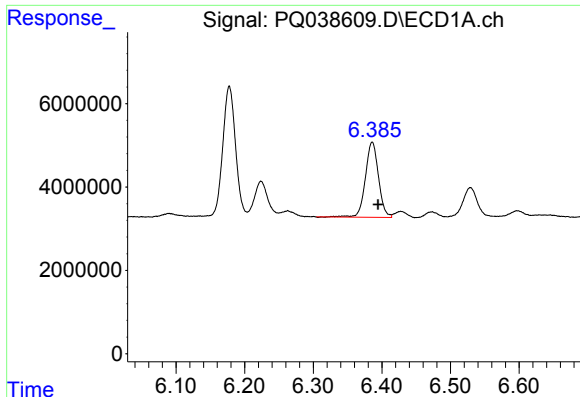
#22 AR-1248-2

R.T.: 6.178 min
Delta R.T.: -0.009 min
Response: 38849273
Conc: 238.31 ng/ml



#22 AR-1248-2

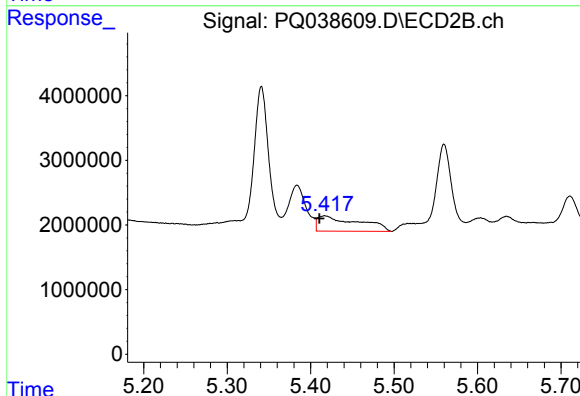
R.T.: 5.384 min
Delta R.T.: 0.017 min
Response: 10482758
Conc: 147.11 ng/ml



#23 AR-1248-3

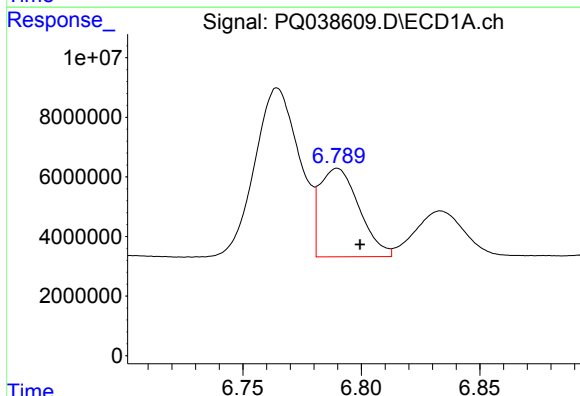
R.T.: 6.386 min
Delta R.T.: -0.009 min
Response: 24020518
Conc: 131.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



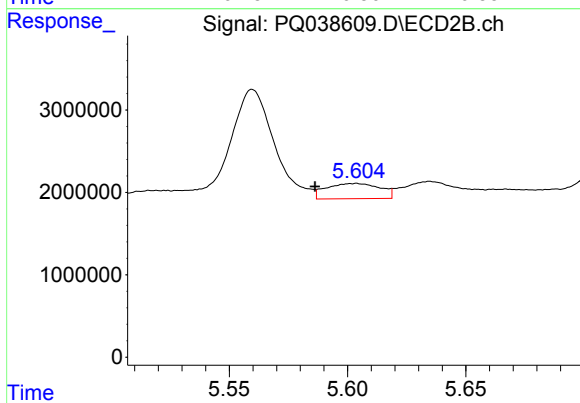
#23 AR-1248-3

R.T.: 5.417 min
Delta R.T.: 0.007 min
Response: 8072599
Conc: 110.20 ng/ml



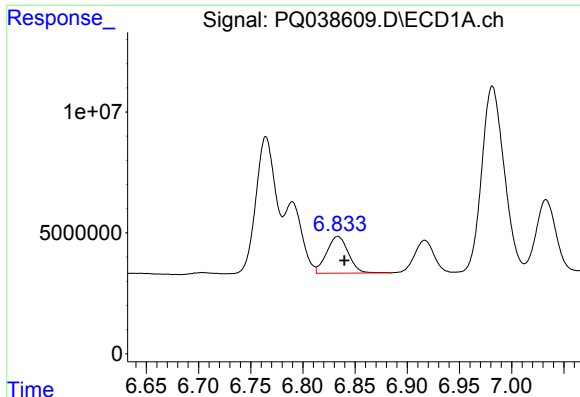
#24 AR-1248-4

R.T.: 6.790 min
Delta R.T.: -0.010 min
Response: 34414422
Conc: 164.14 ng/ml



#24 AR-1248-4

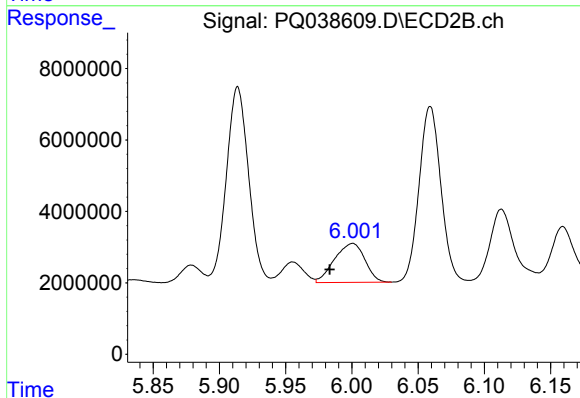
R.T.: 5.603 min
Delta R.T.: 0.017 min
Response: 2928306
Conc: 32.38 ng/ml



#25 AR-1248-5

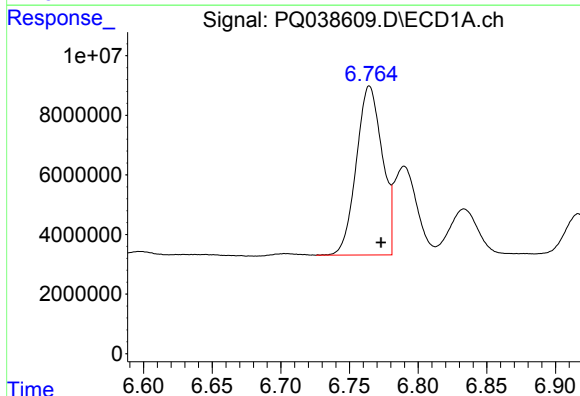
R.T.: 6.833 min
Delta R.T.: -0.006 min
Response: 22119096
Conc: 109.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



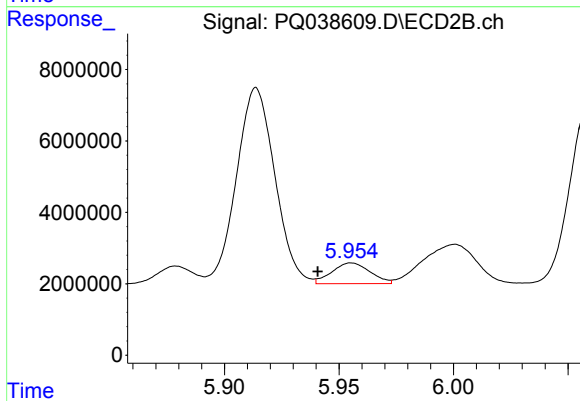
#25 AR-1248-5

R.T.: 6.000 min
Delta R.T.: 0.017 min
Response: 17333373
Conc: 193.20 ng/ml



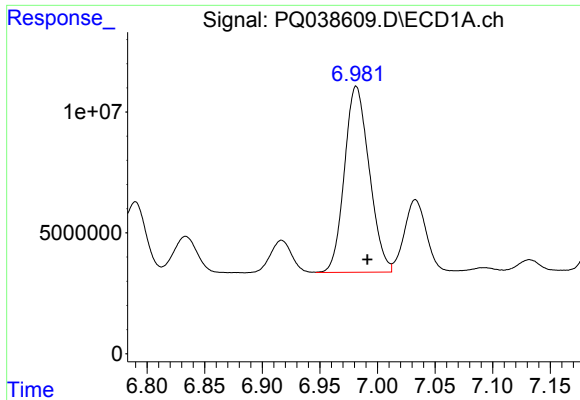
#26 AR-1254-1

R.T.: 6.765 min
Delta R.T.: -0.008 min
Response: 74498755
Conc: 310.24 ng/ml



#26 AR-1254-1

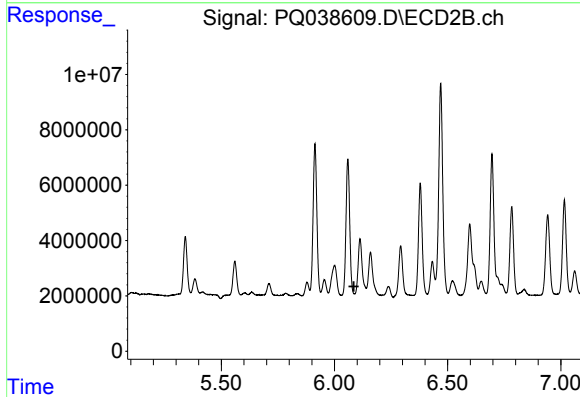
R.T.: 5.955 min
Delta R.T.: 0.015 min
Response: 6741994
Conc: 41.93 ng/ml



#27 AR-1254-2

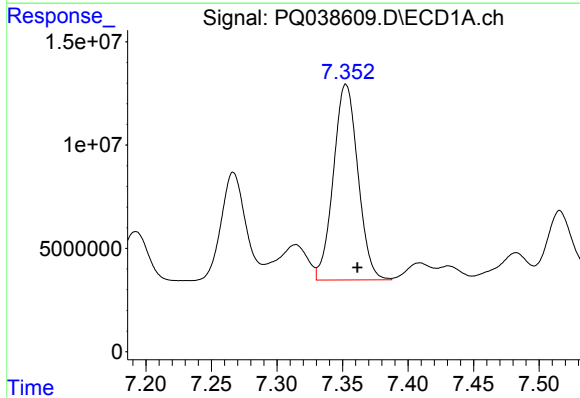
R.T.: 6.982 min
Delta R.T.: -0.010 min
Response: 115199429
Conc: 305.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



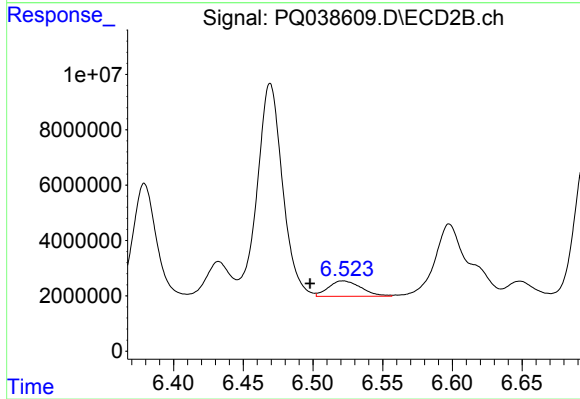
#27 AR-1254-2

R.T.: 6.113 min
Delta R.T.: 0.027 min
Response: -5310772
Conc: N.D.



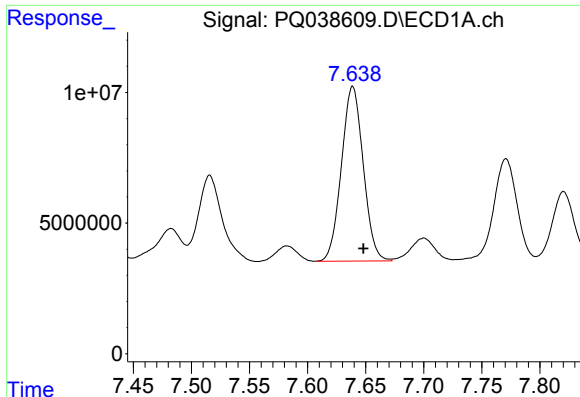
#28 AR-1254-3

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 123467424
Conc: 304.12 ng/ml



#28 AR-1254-3

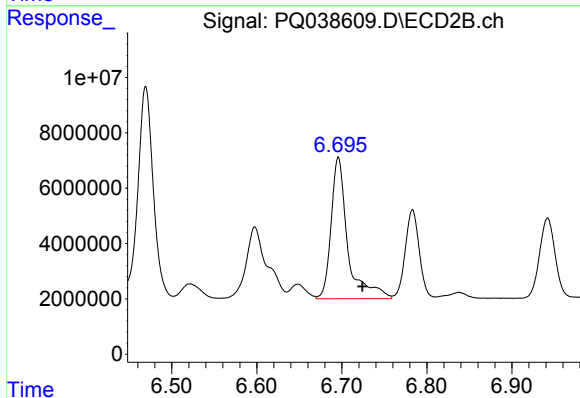
R.T.: 6.522 min
Delta R.T.: 0.024 min
Response: 9057746
Conc: 37.67 ng/ml



#29 AR-1254-4

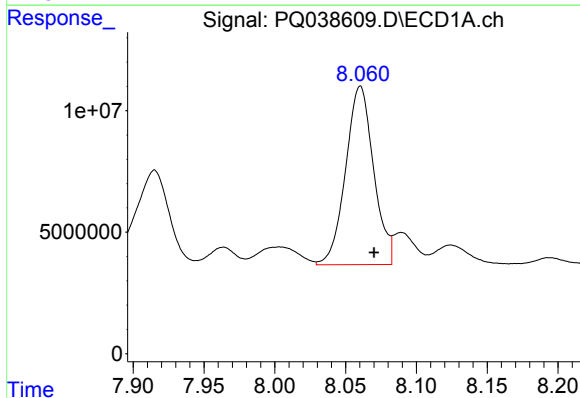
R.T.: 7.639 min
Delta R.T.: -0.009 min
Response: 87267399
Conc: 310.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



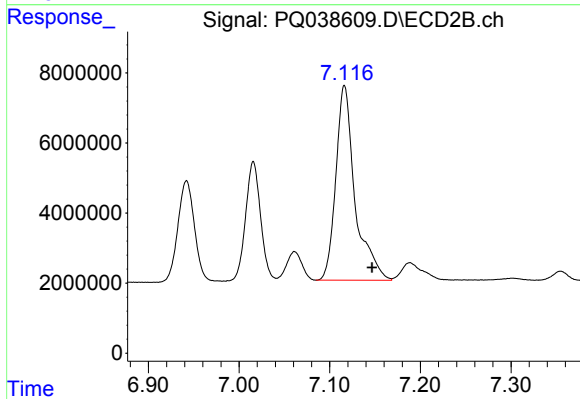
#29 AR-1254-4

R.T.: 6.696 min
Delta R.T.: -0.028 min
Response: 69823334
Conc: 450.56 ng/ml



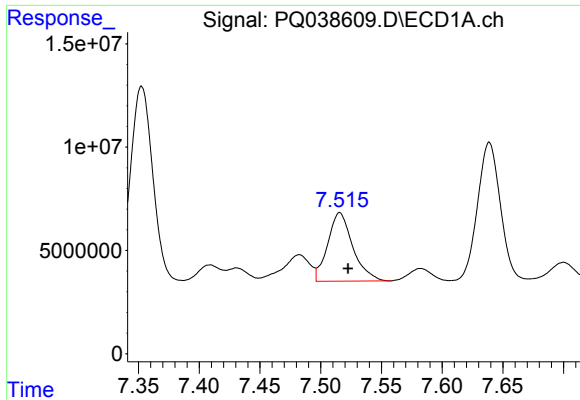
#30 AR-1254-5

R.T.: 8.060 min
Delta R.T.: -0.010 min
Response: 101137428
Conc: 313.33 ng/ml



#30 AR-1254-5

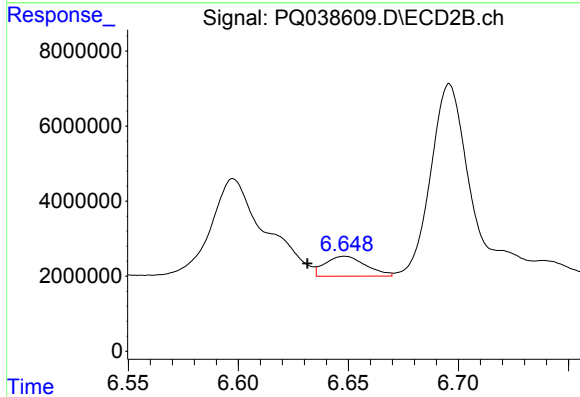
R.T.: 7.116 min
Delta R.T.: -0.030 min
Response: 81971442
Conc: 404.35 ng/ml



#31 AR-1260-1

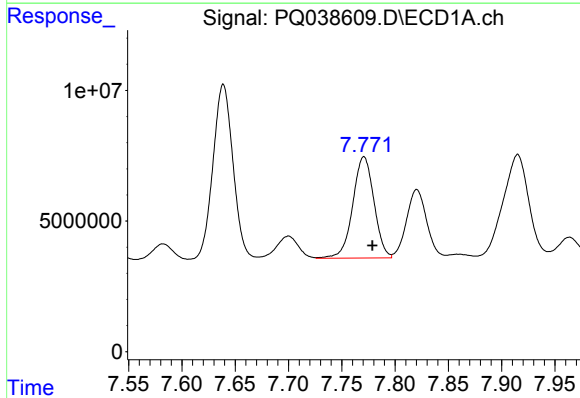
R.T.: 7.516 min
Delta R.T.: -0.007 min
Response: 47717576
Conc: 112.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



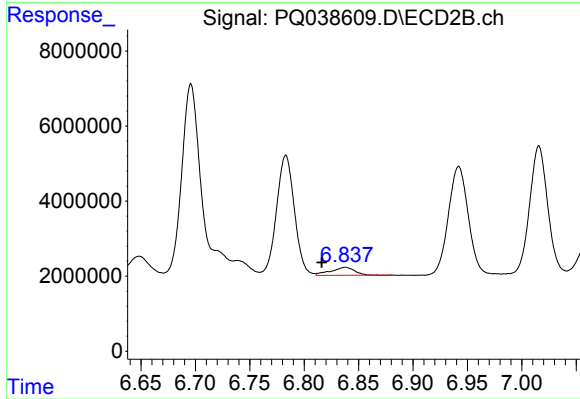
#31 AR-1260-1

R.T.: 6.648 min
Delta R.T.: 0.017 min
Response: 6839460
Conc: 33.45 ng/ml



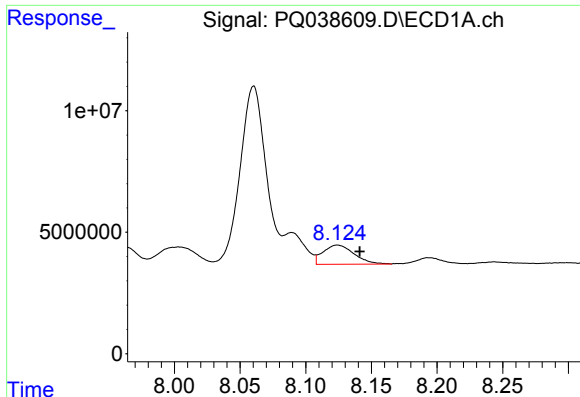
#32 AR-1260-2

R.T.: 7.771 min
Delta R.T.: -0.008 min
Response: 53790689
Conc: 104.78 ng/ml



#32 AR-1260-2

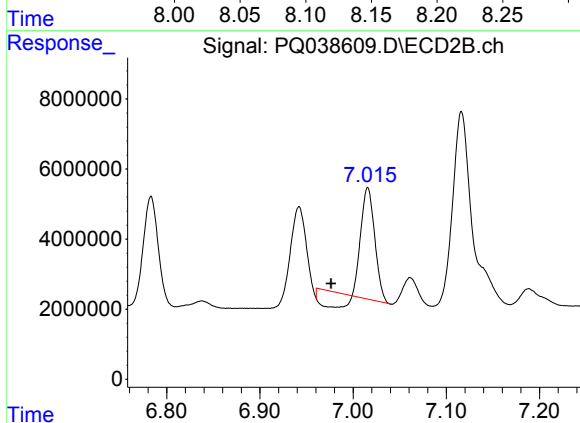
R.T.: 6.838 min
Delta R.T.: 0.021 min
Response: 2291659
Conc: 8.95 ng/ml



#33 AR-1260-3

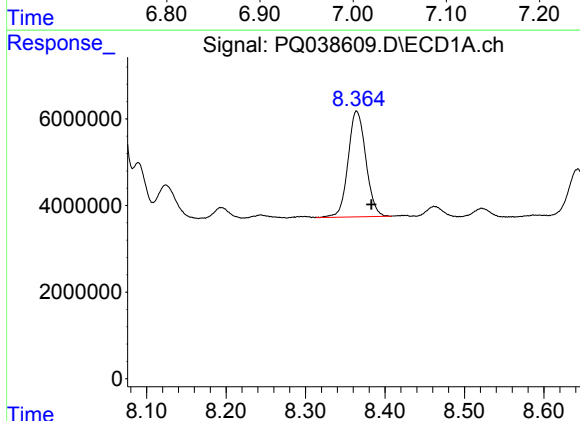
R.T.: 8.124 min
Delta R.T.: -0.017 min
Response: 12988339
Conc: 33.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



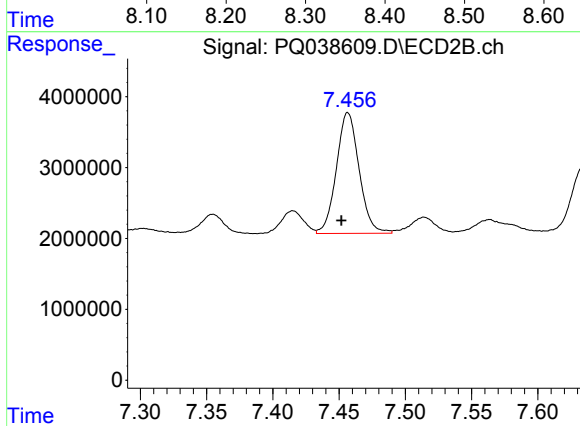
#33 AR-1260-3

R.T.: 7.016 min
Delta R.T.: 0.039 min
Response: 28713961
Conc: 120.03 ng/ml



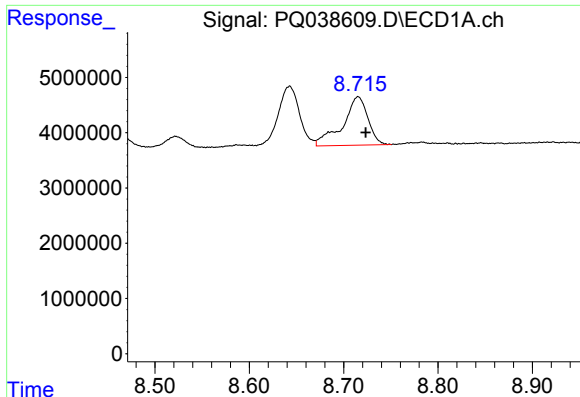
#34 AR-1260-4

R.T.: 8.364 min
Delta R.T.: -0.018 min
Response: 37859315
Conc: 83.00 ng/ml



#34 AR-1260-4

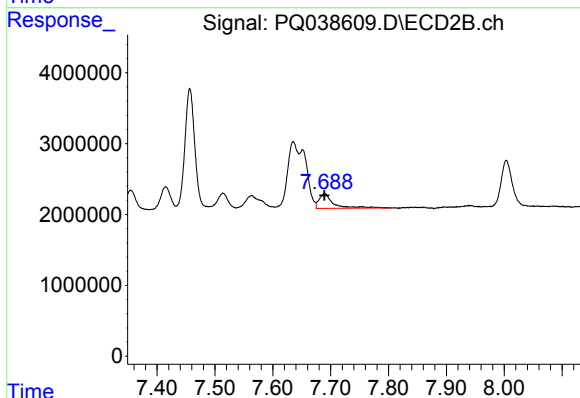
R.T.: 7.457 min
Delta R.T.: 0.005 min
Response: 20332167
Conc: 102.72 ng/ml



#35 AR-1260-5

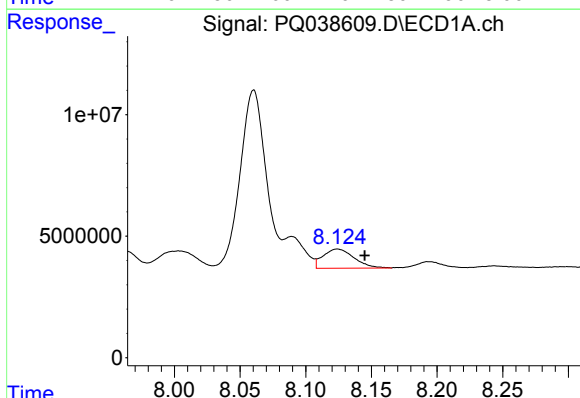
R.T.: 8.715 min
Delta R.T.: -0.008 min
Response: 16285079
Conc: 17.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



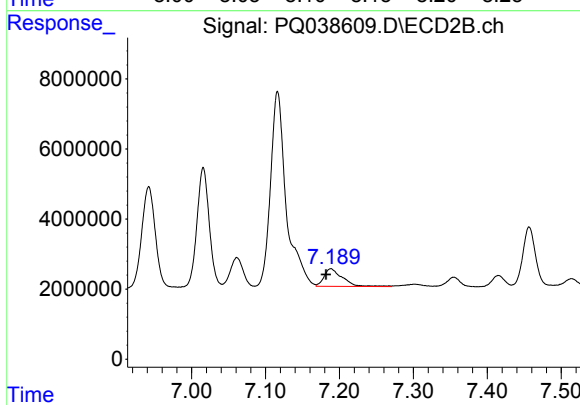
#35 AR-1260-5

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 3637991
Conc: 7.40 ng/ml



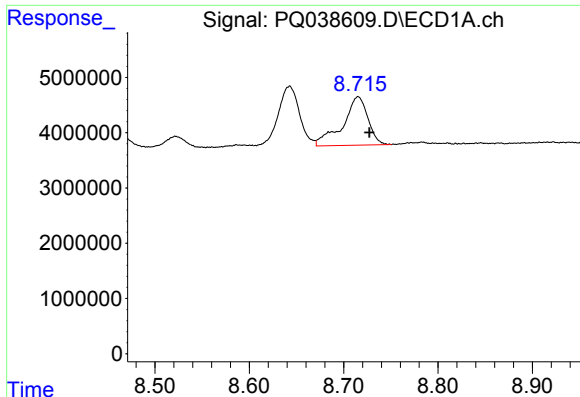
#36 AR-1262-1

R.T.: 8.124 min
Delta R.T.: -0.021 min
Response: 12988339
Conc: 32.77 ng/ml



#36 AR-1262-1

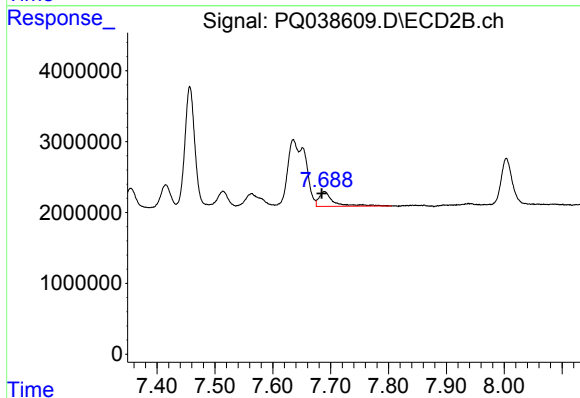
R.T.: 7.189 min
Delta R.T.: 0.006 min
Response: 8738654
Conc: 40.58 ng/ml



#37 AR-1262-2

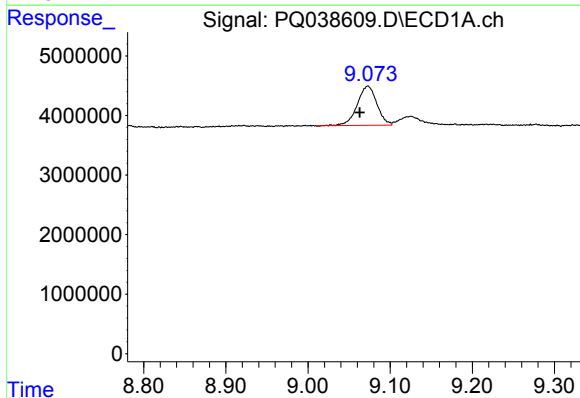
R.T.: 8.715 min
Delta R.T.: -0.012 min
Response: 16285079
Conc: 22.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



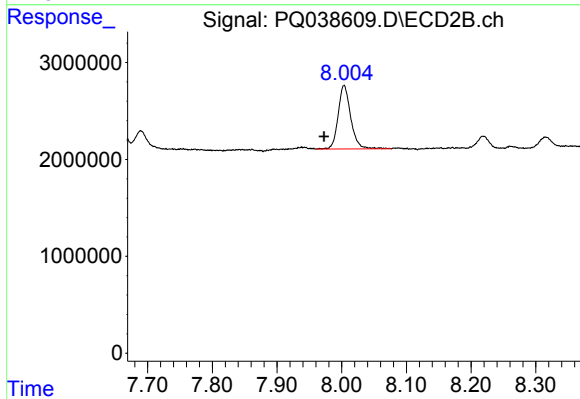
#37 AR-1262-2

R.T.: 7.690 min
Delta R.T.: 0.005 min
Response: 3637991
Conc: 9.34 ng/ml



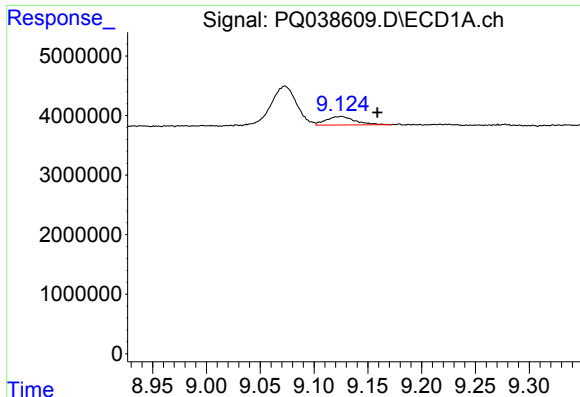
#38 AR-1262-3

R.T.: 9.073 min
Delta R.T.: 0.010 min
Response: 10920543
Conc: 22.82 ng/ml



#38 AR-1262-3

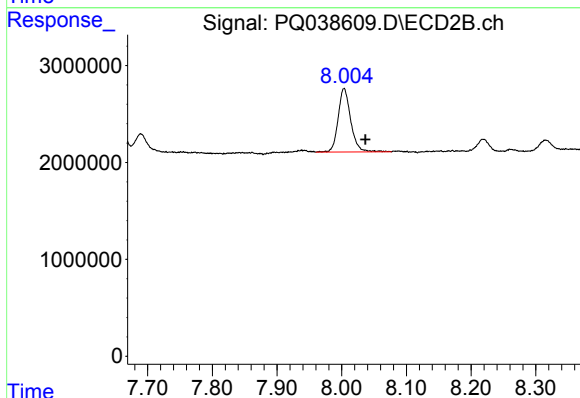
R.T.: 8.004 min
Delta R.T.: 0.031 min
Response: 8840476
Conc: 59.38 ng/ml



#39 AR-1262-4

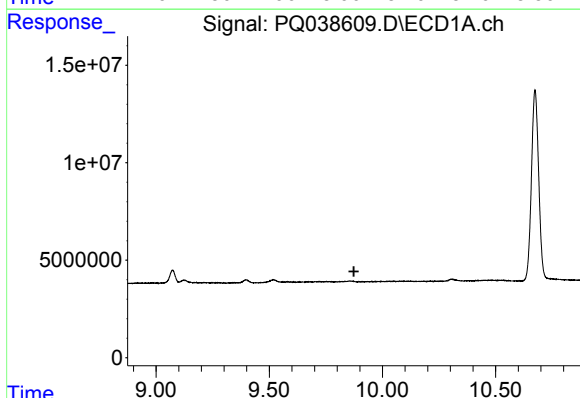
R.T.: 9.125 min
Delta R.T.: -0.034 min
Response: 2669543
Conc: 7.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



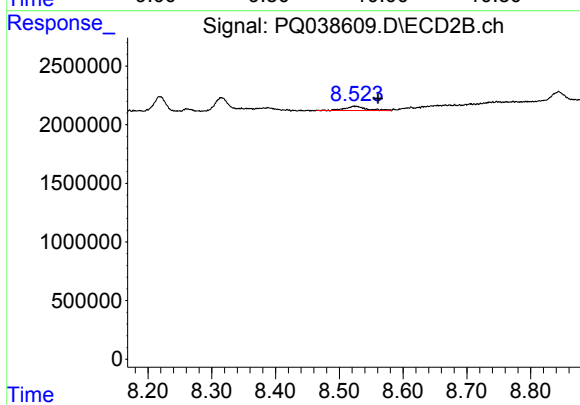
#39 AR-1262-4

R.T.: 8.004 min
Delta R.T.: -0.033 min
Response: 8840476
Conc: 31.01 ng/ml



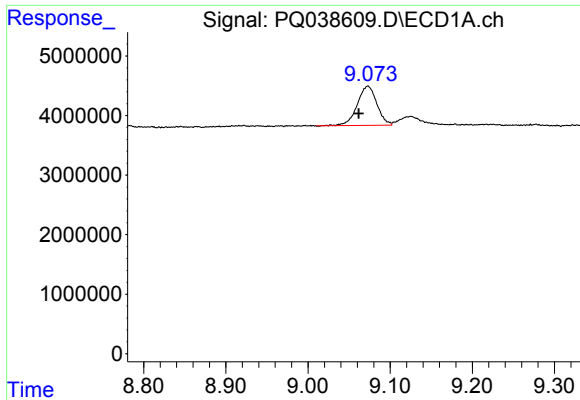
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.874 min
Response: 0
Conc: N.D.



#40 AR-1262-5

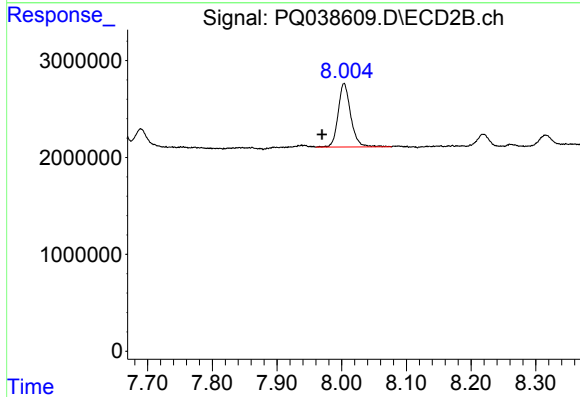
R.T.: 8.525 min
Delta R.T.: -0.036 min
Response: 823924
Conc: 6.97 ng/ml



#41 AR-1268-1

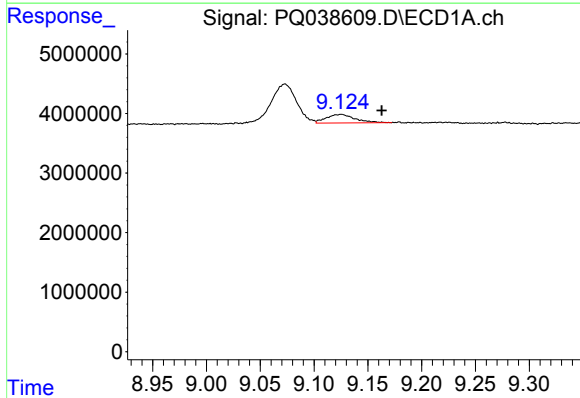
R.T.: 9.073 min
Delta R.T.: 0.011 min
Response: 10920543
Conc: 6.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



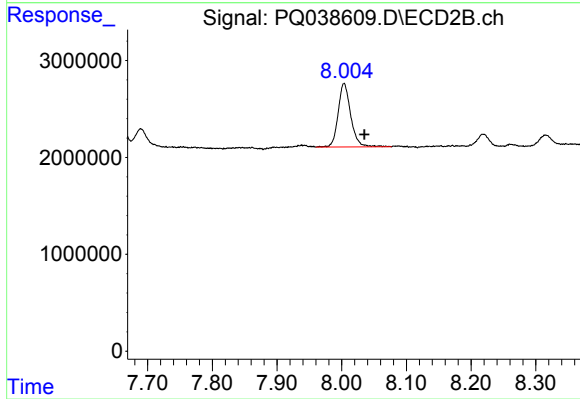
#41 AR-1268-1

R.T.: 8.004 min
Delta R.T.: 0.034 min
Response: 8840476
Conc: 11.04 ng/ml



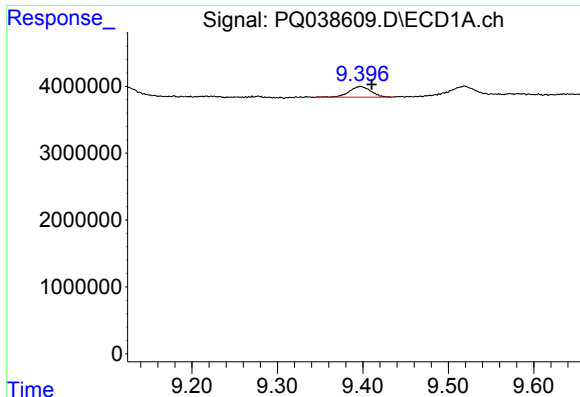
#42 AR-1268-2

R.T.: 9.125 min
Delta R.T.: -0.038 min
Response: 2669543
Conc: 1.84 ng/ml



#42 AR-1268-2

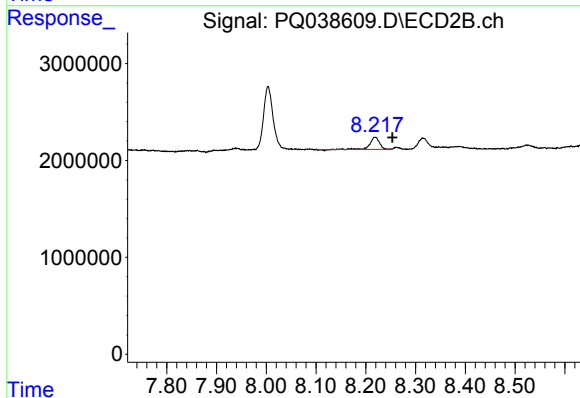
R.T.: 8.004 min
Delta R.T.: -0.031 min
Response: 8840476
Conc: 12.18 ng/ml



#43 AR-1268-3

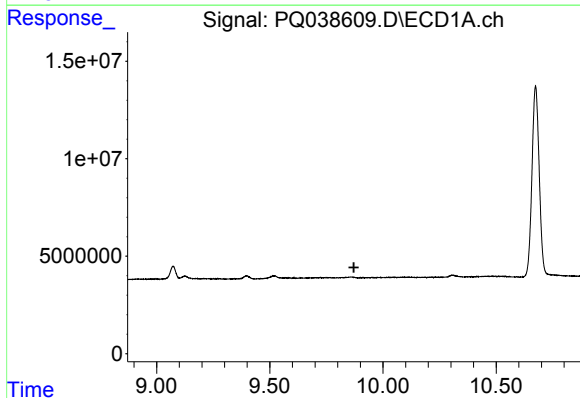
R.T.: 9.397 min
Delta R.T.: -0.013 min
Response: 2778368
Conc: 2.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



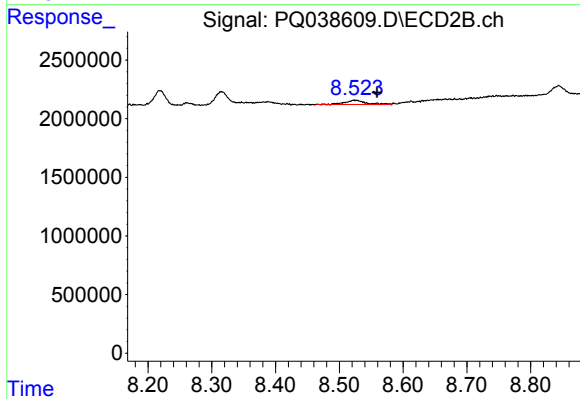
#43 AR-1268-3

R.T.: 8.219 min
Delta R.T.: -0.034 min
Response: 1641075
Conc: 2.61 ng/ml



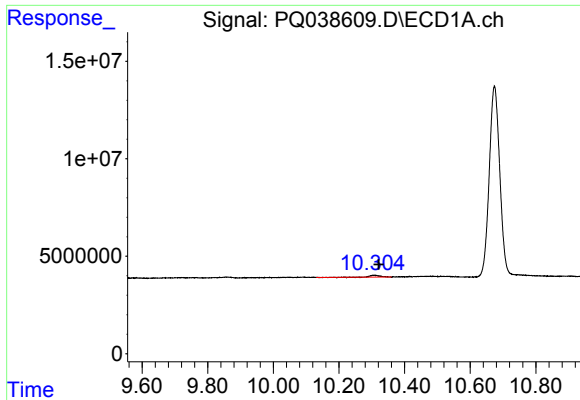
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.871 min
Response: 0
Conc: N.D.



#44 AR-1268-4

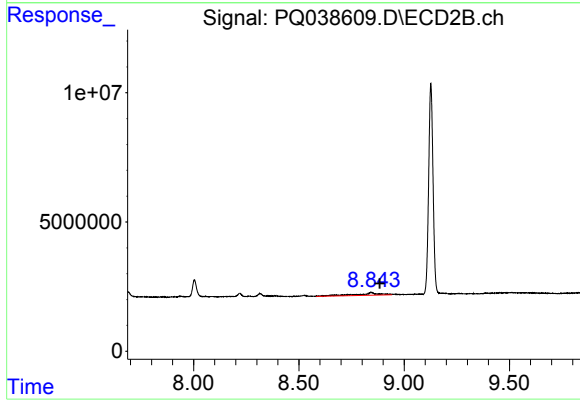
R.T.: 8.525 min
Delta R.T.: -0.034 min
Response: 823924
Conc: 3.50 ng/ml



#45 AR-1268-5

R.T.: 10.310 min
Delta R.T.: -0.011 min
Response: 1901421
Conc: 0.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254304



#45 AR-1268-5

R.T.: 8.844 min
Delta R.T.: -0.039 min
Response: 7770219
Conc: 4.03 ng/ml