

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062219\
 Data File : PR038880.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2019 21:24
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1248356

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 01:21:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 19 04:41:49 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...	3.777	4.621	7907564	26684785	11.850	10.339
2)	SA Decachlor...	8.724	10.366	84229692	241.7E6	40.085	38.230
Target Compounds							
3)	L1 AR-1016-1	4.845	5.775	5870314	18069781	158.362	140.160
4)	L1 AR-1016-2	4.863	5.798	6642650	22376170	111.325	118.338
5)	L1 AR-1016-3	5.037	5.859	4048390	11467094	146.766	98.165 #
6)	L1 AR-1016-4	5.077	5.957	8743634	12238913	375.416	129.500 #
7)	L1 AR-1016-5	5.286	6.247	11863764	30941620	345.988	303.215
9)	L2 AR-1221-2	4.148f	4.917	760137	676465	118.508	33.308 #
10)	L2 AR-1221-3	4.148	4.988	760137	1606139	35.015	22.669 #
11)	L3 AR-1232-1	4.148	4.988	760137	1606139	40.081	27.725 #
12)	L3 AR-1232-2	4.863	5.511	6642650	7036192	268.897	162.027 #
13)	L3 AR-1232-3	5.037	5.798	4048390	22376170	347.602	284.264
14)	L3 AR-1232-4	5.118	5.957	9052753	12238913	694.896	302.542 #
15)	L3 AR-1232-5	5.286	6.043	11863764	26183802	845.622	855.987
16)	L4 AR-1242-1	4.845	5.775	5870314	18069781	219.820	194.407
17)	L4 AR-1242-2	4.863	5.798	6642650	22376170	153.365	168.421
18)	L4 AR-1242-3	5.037	5.859	4048390	11467094	190.110	136.921 #
19)	L4 AR-1242-4	5.118	5.957	9052753	12238913	399.675	176.762 #
20)	L4 AR-1242-5	5.631	6.684	20041571	42606835	564.443	442.951
21)	L5 AR-1248-1	4.845	5.775	5870314	18069781	302.475	282.689
22)	L5 AR-1248-2	5.077	6.043	8743634	26183802	310.378	288.394
23)	L5 AR-1248-3	5.118	6.247	9052753	30941620	302.006	281.196
24)	L5 AR-1248-4	5.286	6.646	11863764	43582195	308.283	295.965
25)	L5 AR-1248-5	5.672	6.684	14381856	42606835	318.489	300.190
26)	L6 AR-1254-1	5.631	6.618	20041571	32362220	267.829	206.240
27)	L6 AR-1254-2	5.776	6.841	5877994	44335068	85.659	173.528 #
28)	L6 AR-1254-3	6.175	7.199	10492134	28315938	84.696	92.757
29)	L6 AR-1254-4	6.398	7.481	8055748	20927174	80.586	86.754
30)	L6 AR-1254-5	6.812	7.895	2655537	5557792	21.557	20.489
31)	L7 AR-1260-1	6.317	7.359	5471489	4038487	70.251	18.921 #
32)	L7 AR-1260-2	6.486	7.608	1462273	5472216	14.349	20.836 #
33)	L7 AR-1260-3	6.638	7.963	1513075	1634336	16.459	7.918 #
34)	L7 AR-1260-4	7.104	8.190	365651	3200164	4.429	13.034 #
35)	L7 AR-1260-5	7.341	8.522	1160373	2370029	5.299	4.432
36)	L8 AR-1262-1	0.000	8.022	0	513009	N.D.	3.485 #
37)	L8 AR-1262-2	7.341	8.522	1160373	2370029	4.338	3.638
38)	L8 AR-1262-3	7.623	8.856	489032	1716630	4.359	3.756
39)	L8 AR-1262-4	7.686	8.917	858344	1255073	4.112	3.638
40)	L8 AR-1262-5	8.178	9.601	550451	1214242	4.678	4.373
41)	L9 AR-1268-1	7.623	8.856	489032	1716630	1.431	2.100 #
42)	L9 AR-1268-2	7.686	8.917	858344	1255073	2.717	1.642 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	9.166	0	1933998	N.D.	2.936 #
44) L9	AR-1268-4	8.178	9.601	550451	1214242	4.002	3.793
45) L9	AR-1268-5	8.470	10.025	667938	2185329	0.720	0.885

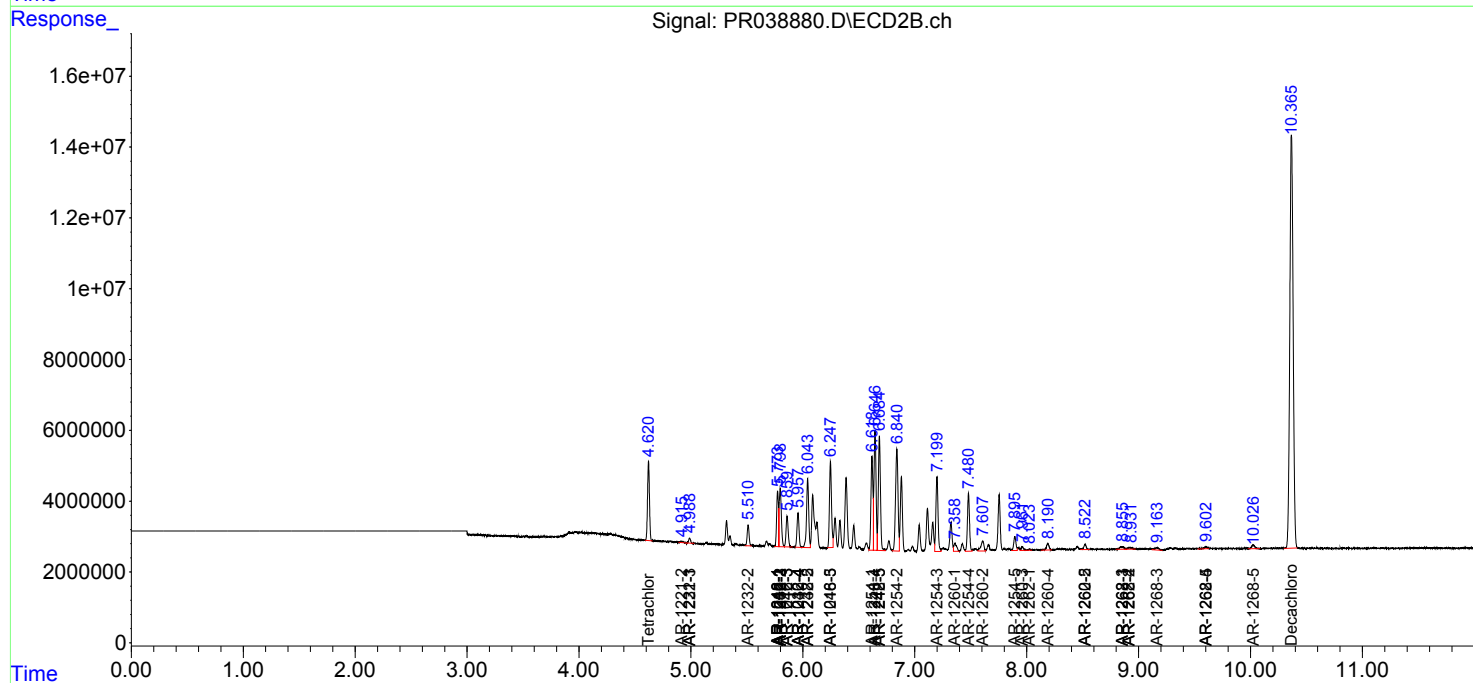
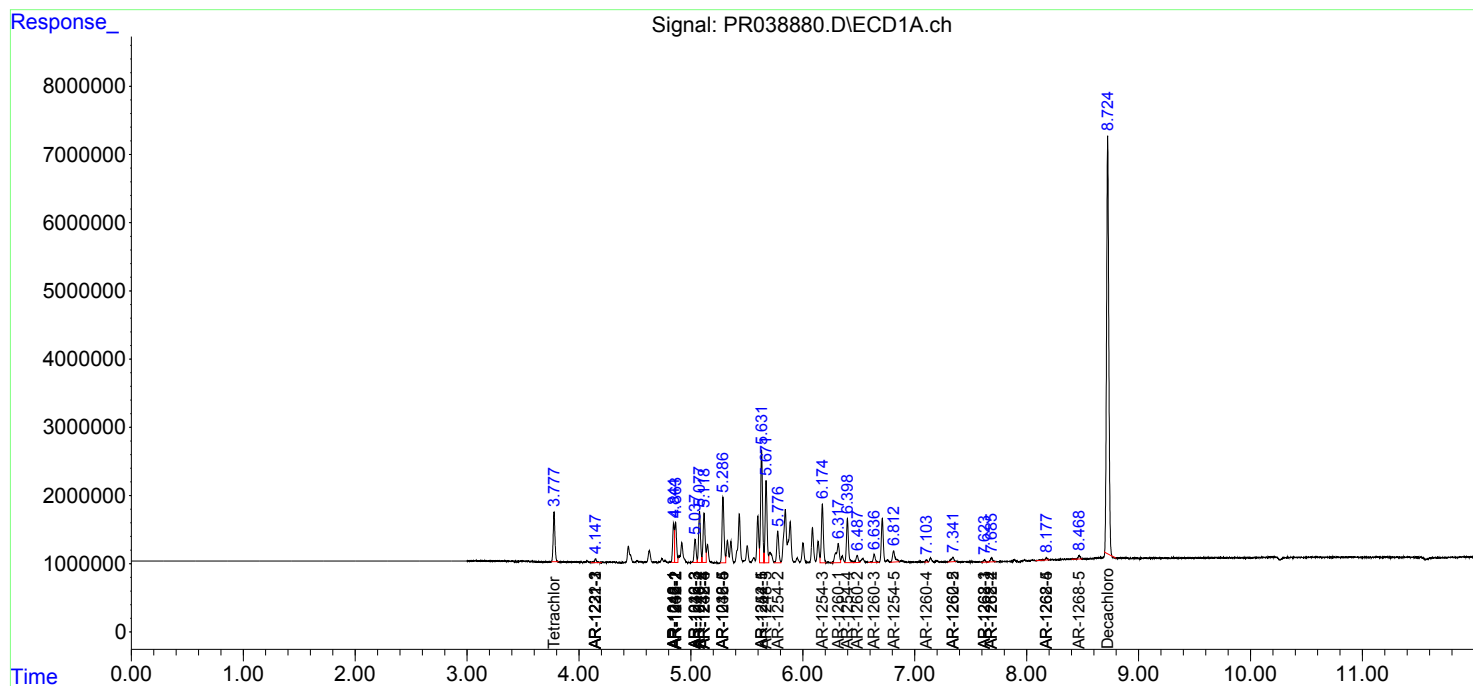
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

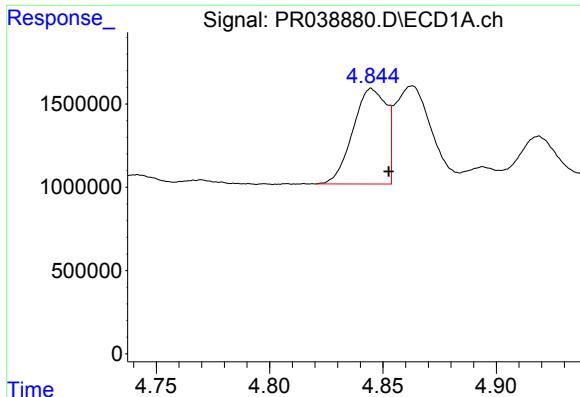
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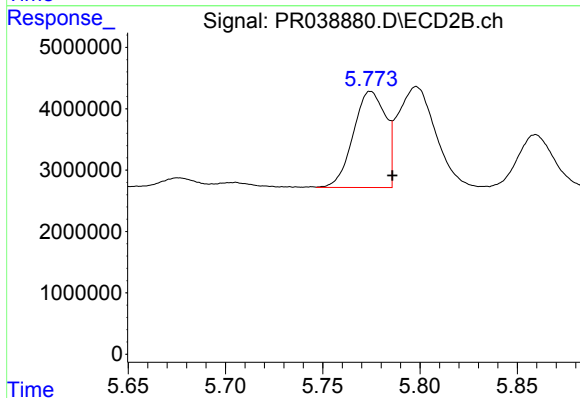




#3 AR-1016-1

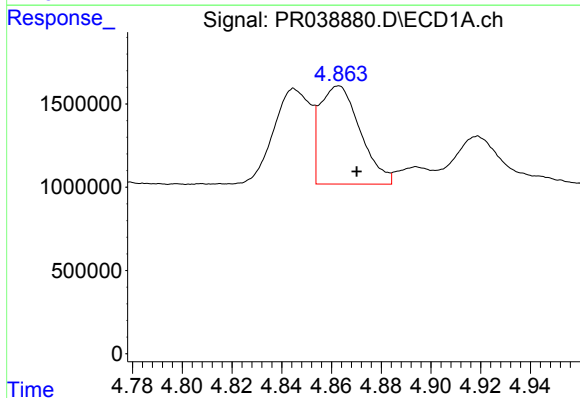
R.T.: 4.845 min
Delta R.T.: -0.007 min
Response: 5870314
Conc: 158.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



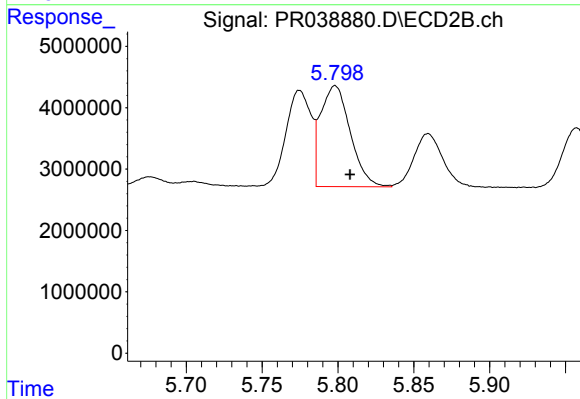
#3 AR-1016-1

R.T.: 5.775 min
Delta R.T.: -0.011 min
Response: 18069781
Conc: 140.16 ng/ml



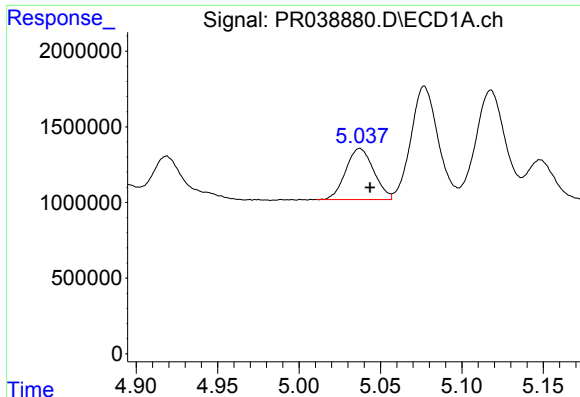
#4 AR-1016-2

R.T.: 4.863 min
Delta R.T.: -0.007 min
Response: 6642650
Conc: 111.32 ng/ml



#4 AR-1016-2

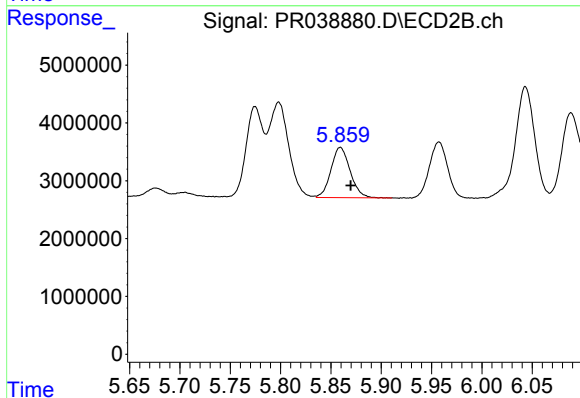
R.T.: 5.798 min
Delta R.T.: -0.010 min
Response: 22376170
Conc: 118.34 ng/ml



#5 AR-1016-3

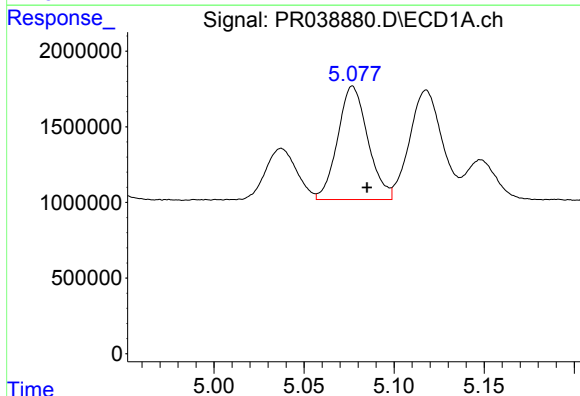
R.T.: 5.037 min
Delta R.T.: -0.006 min
Response: 4048390
Conc: 146.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



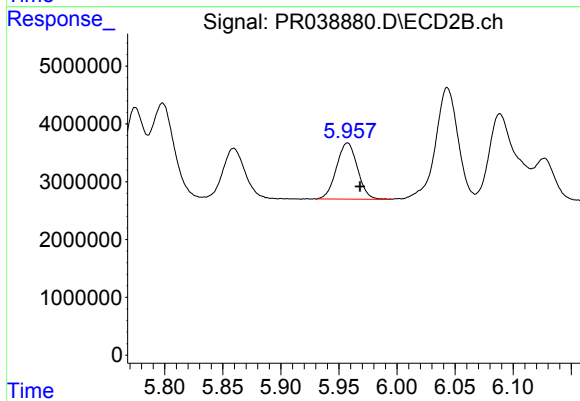
#5 AR-1016-3

R.T.: 5.859 min
Delta R.T.: -0.011 min
Response: 11467094
Conc: 98.16 ng/ml



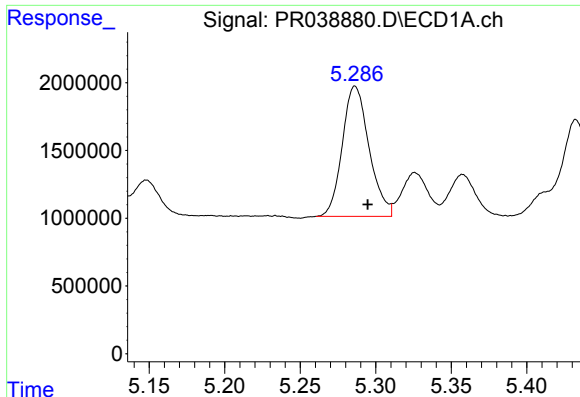
#6 AR-1016-4

R.T.: 5.077 min
Delta R.T.: -0.008 min
Response: 8743634
Conc: 375.42 ng/ml



#6 AR-1016-4

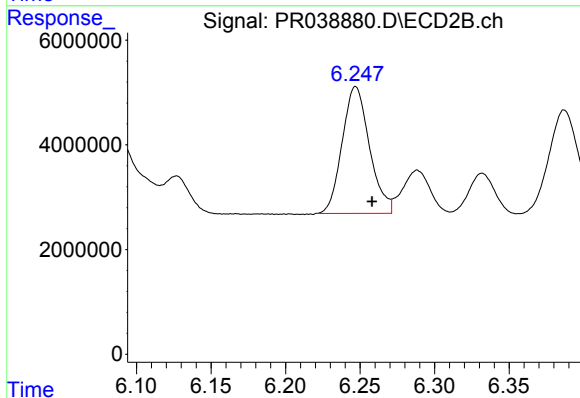
R.T.: 5.957 min
Delta R.T.: -0.011 min
Response: 12238913
Conc: 129.50 ng/ml



#7 AR-1016-5

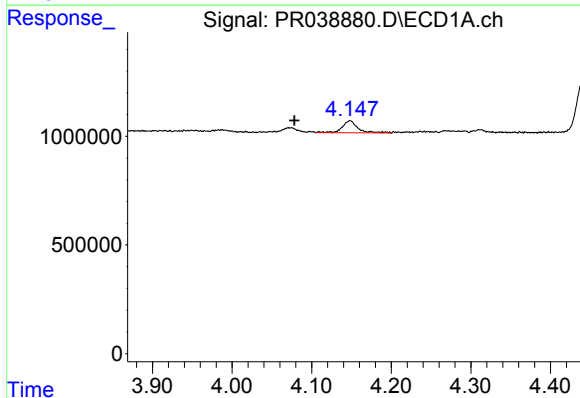
R.T.: 5.286 min
Delta R.T.: -0.008 min
Response: 11863764
Conc: 345.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



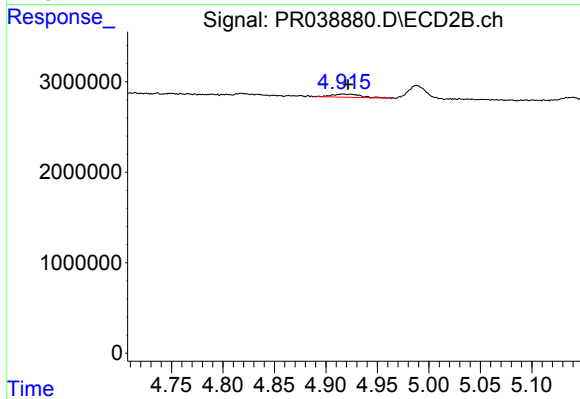
#7 AR-1016-5

R.T.: 6.247 min
Delta R.T.: -0.011 min
Response: 30941620
Conc: 303.22 ng/ml



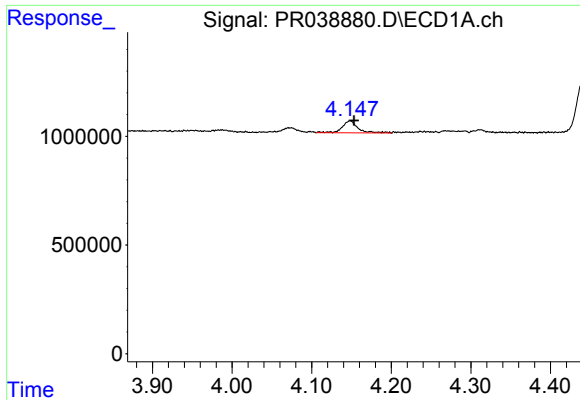
#9 AR-1221-2

R.T.: 4.148 min
Delta R.T.: 0.070 min
Response: 760137
Conc: 118.51 ng/ml



#9 AR-1221-2

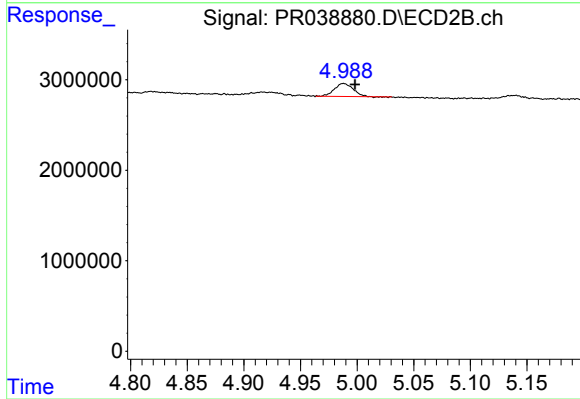
R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 676465
Conc: 33.31 ng/ml



#10 AR-1221-3

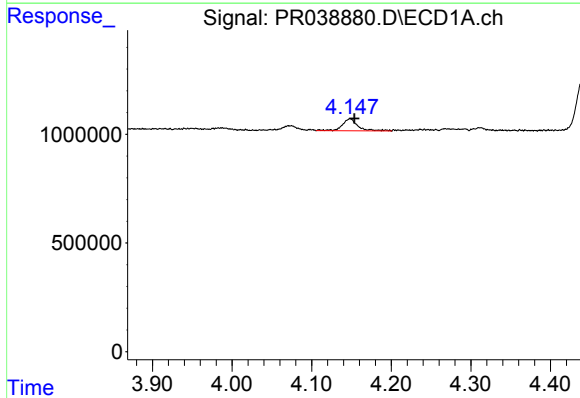
R.T.: 4.148 min
Delta R.T.: -0.005 min
Response: 760137
Conc: 35.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



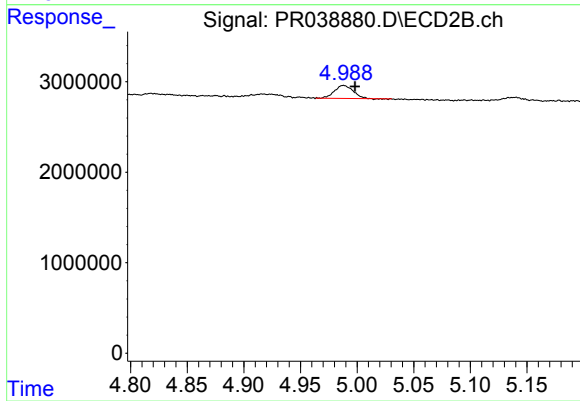
#10 AR-1221-3

R.T.: 4.988 min
Delta R.T.: -0.010 min
Response: 1606139
Conc: 22.67 ng/ml



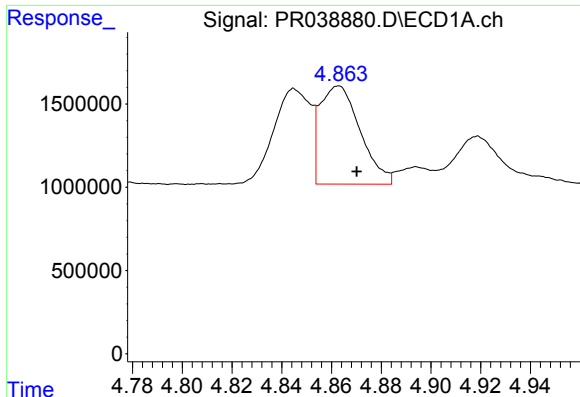
#11 AR-1232-1

R.T.: 4.148 min
Delta R.T.: -0.005 min
Response: 760137
Conc: 40.08 ng/ml



#11 AR-1232-1

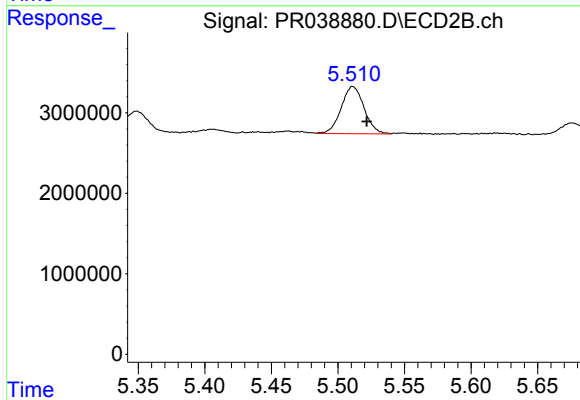
R.T.: 4.988 min
Delta R.T.: -0.010 min
Response: 1606139
Conc: 27.72 ng/ml



#12 AR-1232-2

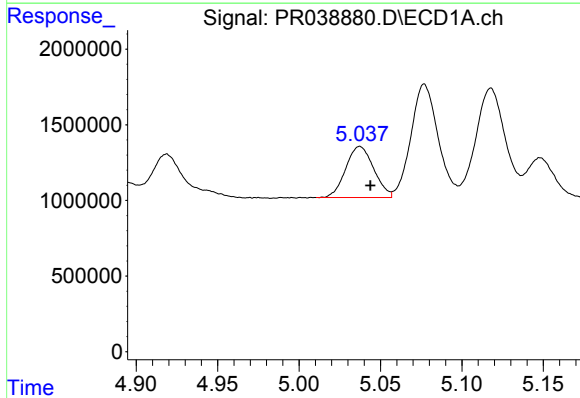
R.T.: 4.863 min
Delta R.T.: -0.007 min
Response: 6642650
Conc: 268.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



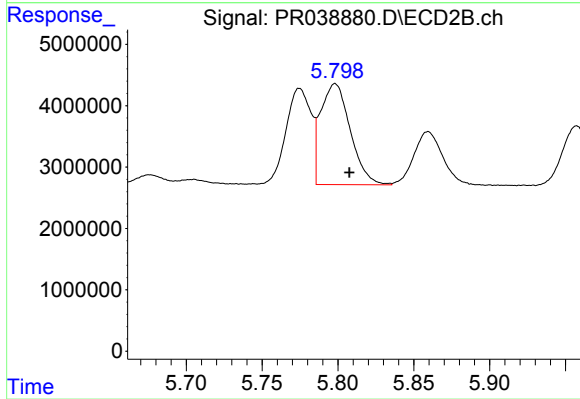
#12 AR-1232-2

R.T.: 5.511 min
Delta R.T.: -0.011 min
Response: 7036192
Conc: 162.03 ng/ml



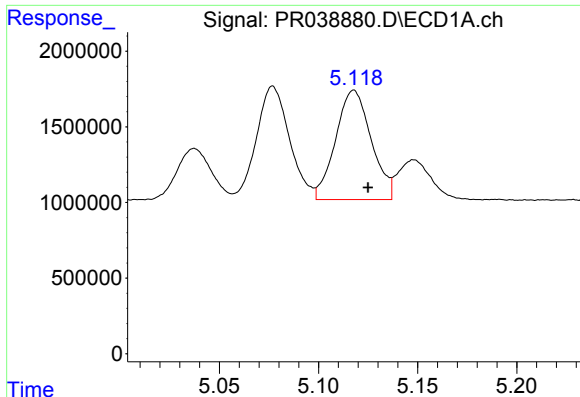
#13 AR-1232-3

R.T.: 5.037 min
Delta R.T.: -0.007 min
Response: 4048390
Conc: 347.60 ng/ml



#13 AR-1232-3

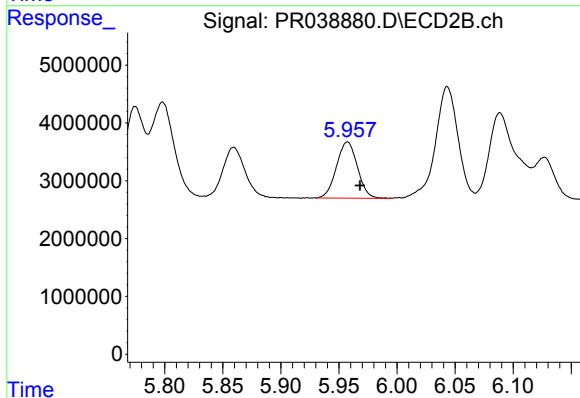
R.T.: 5.798 min
Delta R.T.: -0.009 min
Response: 22376170
Conc: 284.26 ng/ml



#14 AR-1232-4

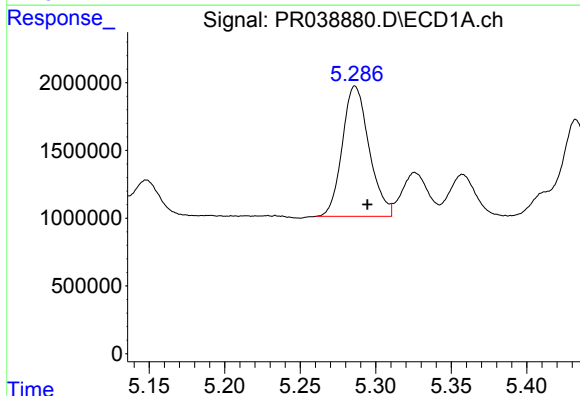
R.T.: 5.118 min
Delta R.T.: -0.007 min
Response: 9052753
Conc: 694.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



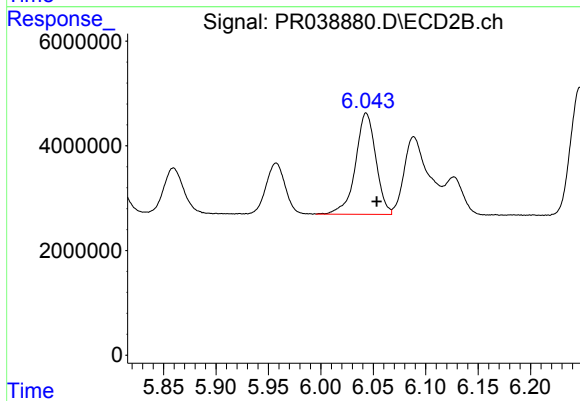
#14 AR-1232-4

R.T.: 5.957 min
Delta R.T.: -0.011 min
Response: 12238913
Conc: 302.54 ng/ml



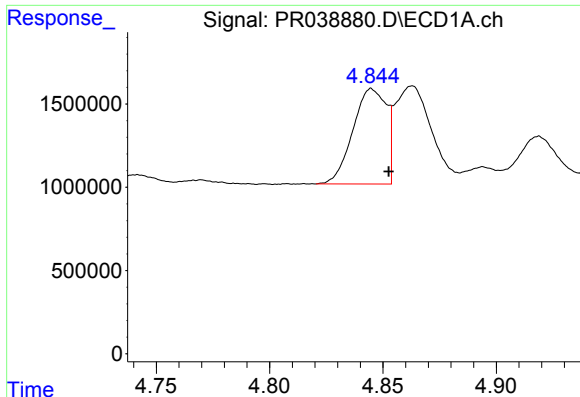
#15 AR-1232-5

R.T.: 5.286 min
Delta R.T.: -0.008 min
Response: 11863764
Conc: 845.62 ng/ml



#15 AR-1232-5

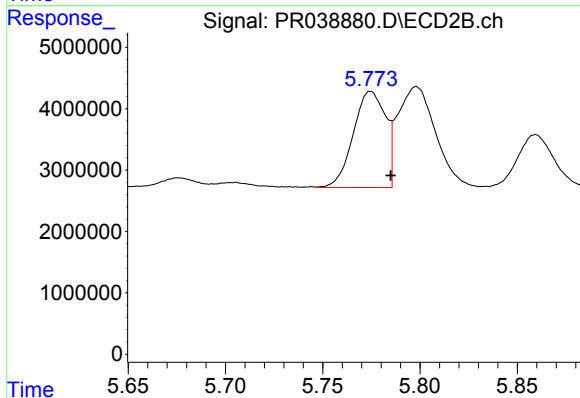
R.T.: 6.043 min
Delta R.T.: -0.010 min
Response: 26183802
Conc: 855.99 ng/ml



#16 AR-1242-1

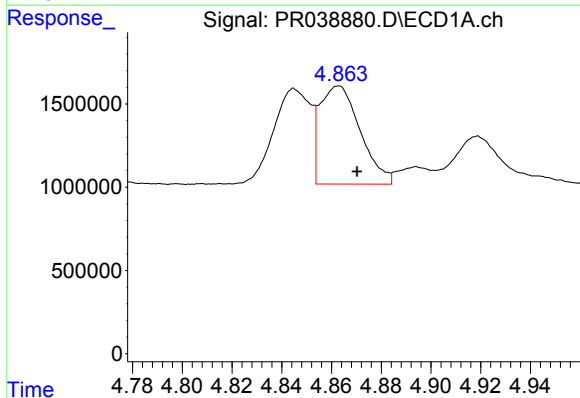
R.T.: 4.845 min
Delta R.T.: -0.007 min
Response: 5870314
Conc: 219.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



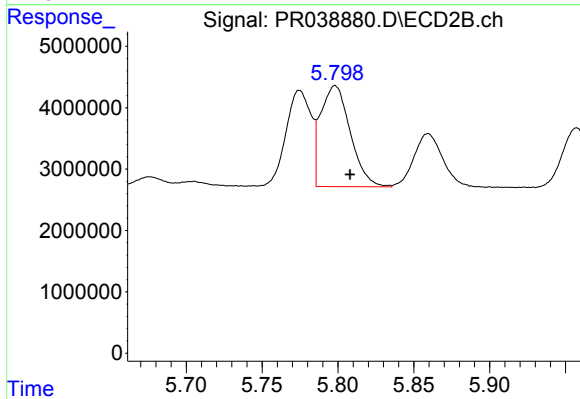
#16 AR-1242-1

R.T.: 5.775 min
Delta R.T.: -0.010 min
Response: 18069781
Conc: 194.41 ng/ml



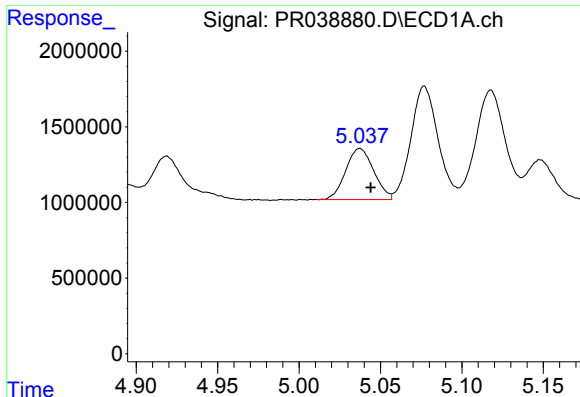
#17 AR-1242-2

R.T.: 4.863 min
Delta R.T.: -0.007 min
Response: 6642650
Conc: 153.37 ng/ml



#17 AR-1242-2

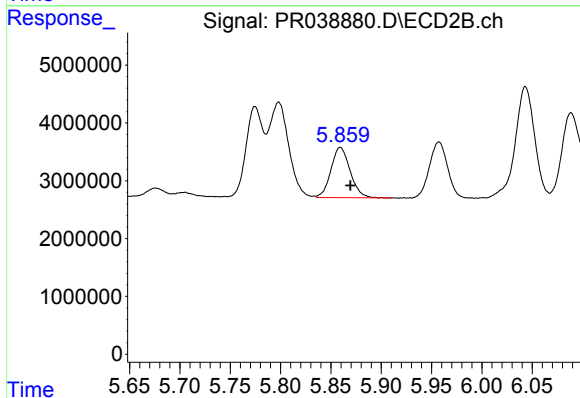
R.T.: 5.798 min
Delta R.T.: -0.010 min
Response: 22376170
Conc: 168.42 ng/ml



#18 AR-1242-3

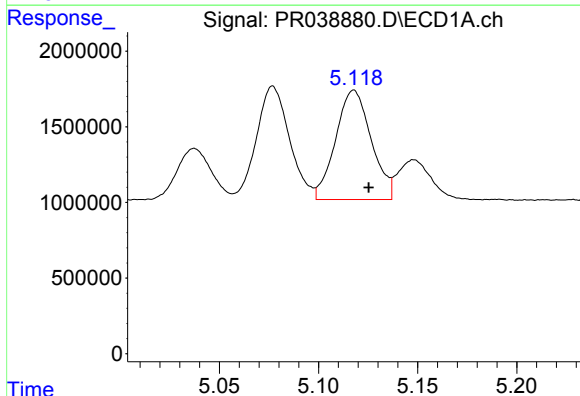
R.T.: 5.037 min
Delta R.T.: -0.007 min
Response: 4048390
Conc: 190.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



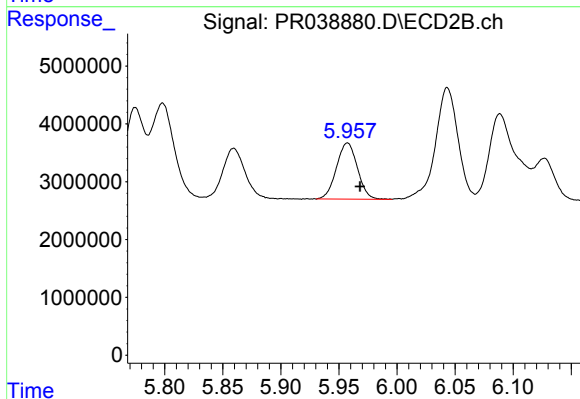
#18 AR-1242-3

R.T.: 5.859 min
Delta R.T.: -0.010 min
Response: 11467094
Conc: 136.92 ng/ml



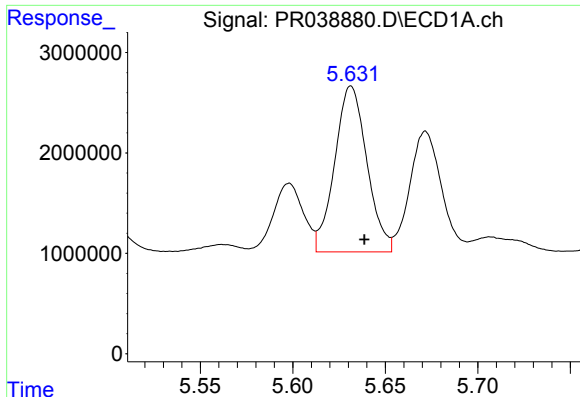
#19 AR-1242-4

R.T.: 5.118 min
Delta R.T.: -0.007 min
Response: 9052753
Conc: 399.68 ng/ml



#19 AR-1242-4

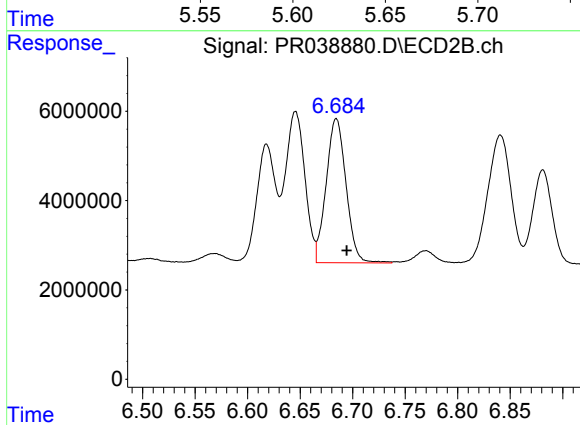
R.T.: 5.957 min
Delta R.T.: -0.011 min
Response: 12238913
Conc: 176.76 ng/ml



#20 AR-1242-5

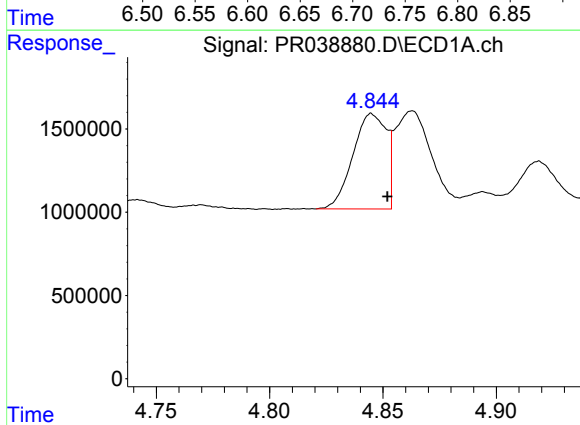
R.T.: 5.631 min
Delta R.T.: -0.007 min
Response: 20041571
Conc: 564.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



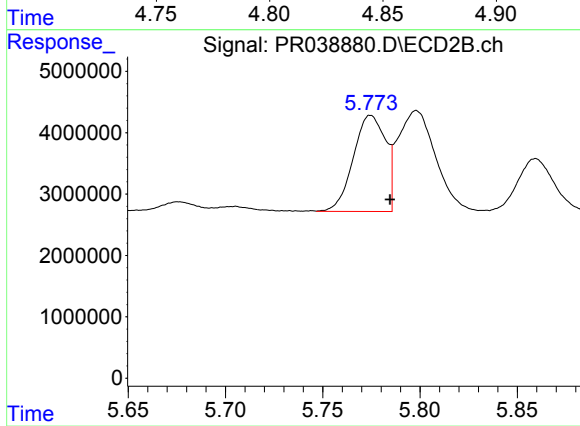
#20 AR-1242-5

R.T.: 6.684 min
Delta R.T.: -0.010 min
Response: 42606835
Conc: 442.95 ng/ml



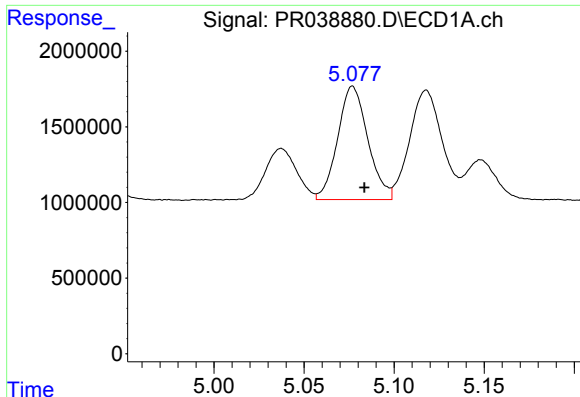
#21 AR-1248-1

R.T.: 4.845 min
Delta R.T.: -0.007 min
Response: 5870314
Conc: 302.47 ng/ml



#21 AR-1248-1

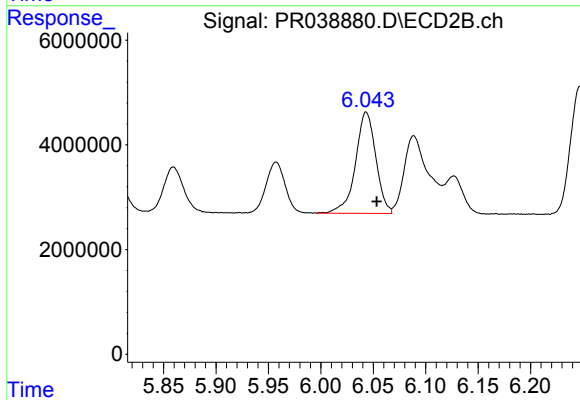
R.T.: 5.775 min
Delta R.T.: -0.010 min
Response: 18069781
Conc: 282.69 ng/ml



#22 AR-1248-2

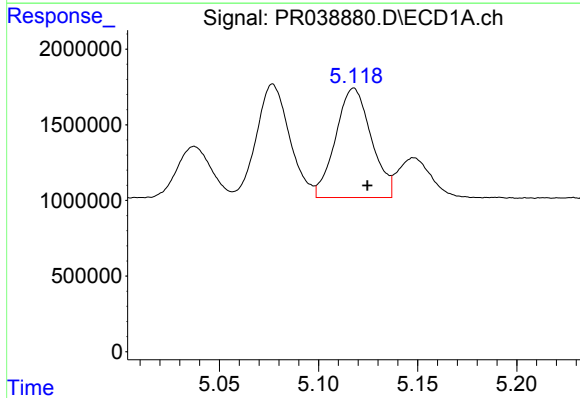
R.T.: 5.077 min
Delta R.T.: -0.007 min
Response: 8743634
Conc: 310.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



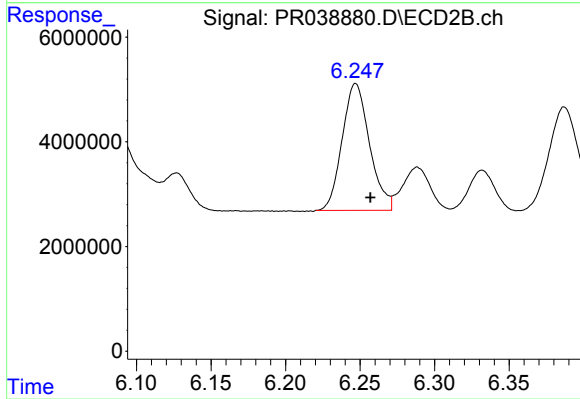
#22 AR-1248-2

R.T.: 6.043 min
Delta R.T.: -0.010 min
Response: 26183802
Conc: 288.39 ng/ml



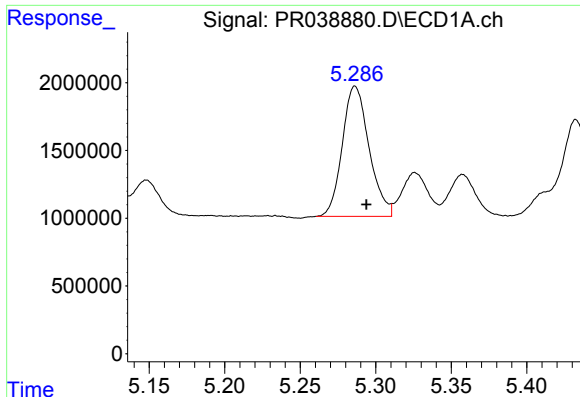
#23 AR-1248-3

R.T.: 5.118 min
Delta R.T.: -0.007 min
Response: 9052753
Conc: 302.01 ng/ml



#23 AR-1248-3

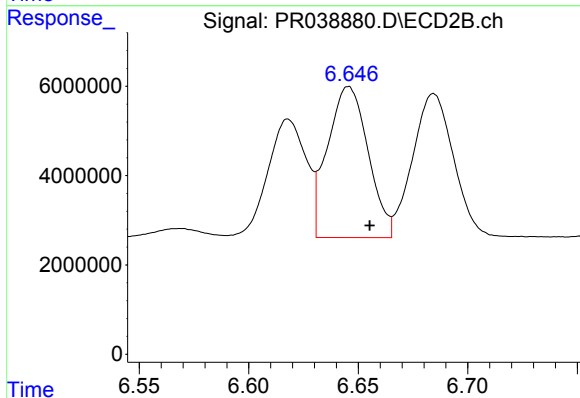
R.T.: 6.247 min
Delta R.T.: -0.010 min
Response: 30941620
Conc: 281.20 ng/ml



#24 AR-1248-4

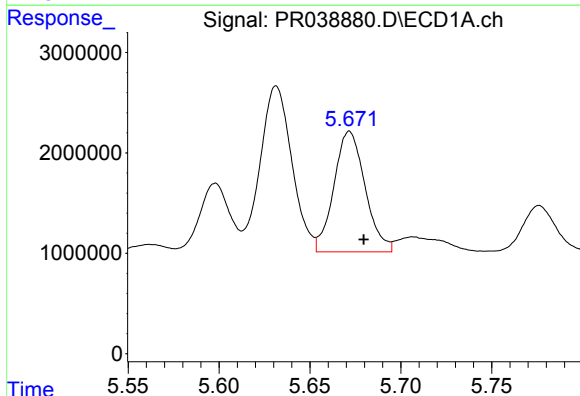
R.T.: 5.286 min
Delta R.T.: -0.007 min
Response: 11863764
Conc: 308.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



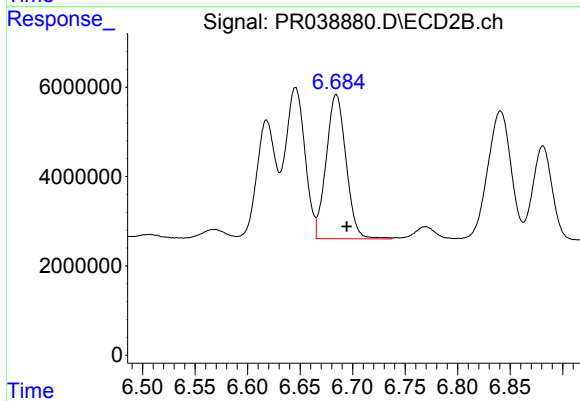
#24 AR-1248-4

R.T.: 6.646 min
Delta R.T.: -0.010 min
Response: 43582195
Conc: 295.97 ng/ml



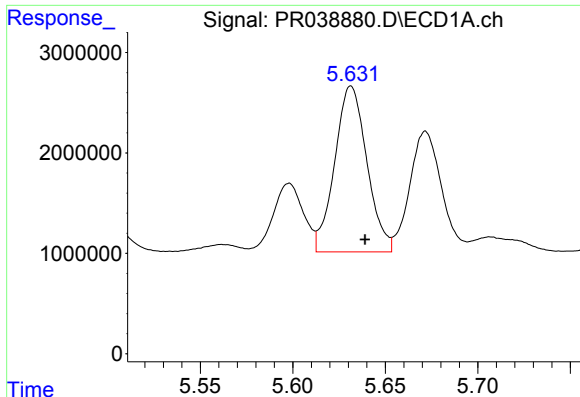
#25 AR-1248-5

R.T.: 5.672 min
Delta R.T.: -0.008 min
Response: 14381856
Conc: 318.49 ng/ml



#25 AR-1248-5

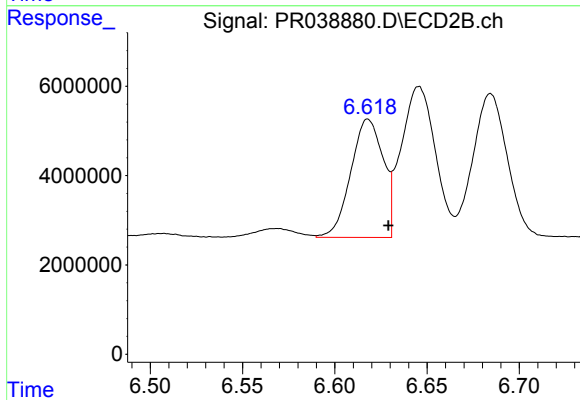
R.T.: 6.684 min
Delta R.T.: -0.010 min
Response: 42606835
Conc: 300.19 ng/ml



#26 AR-1254-1

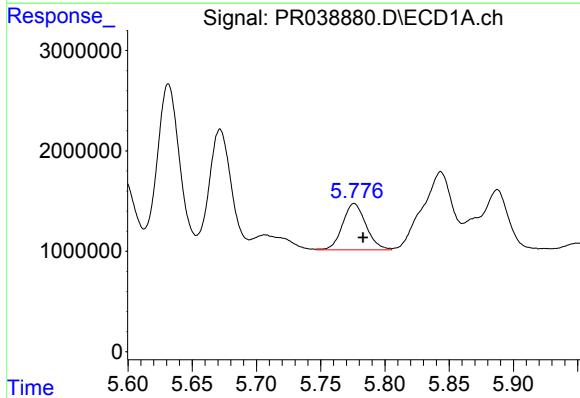
R.T.: 5.631 min
Delta R.T.: -0.007 min
Response: 20041571
Conc: 267.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



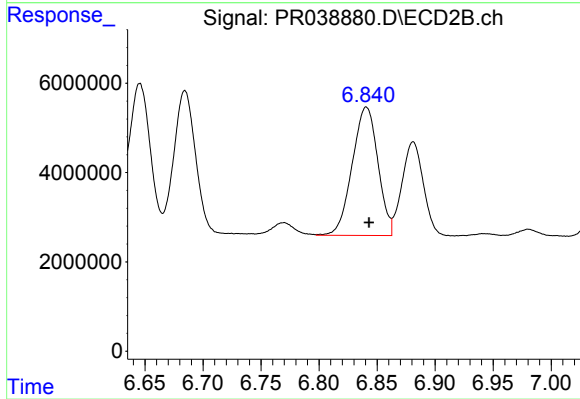
#26 AR-1254-1

R.T.: 6.618 min
Delta R.T.: -0.011 min
Response: 32362220
Conc: 206.24 ng/ml



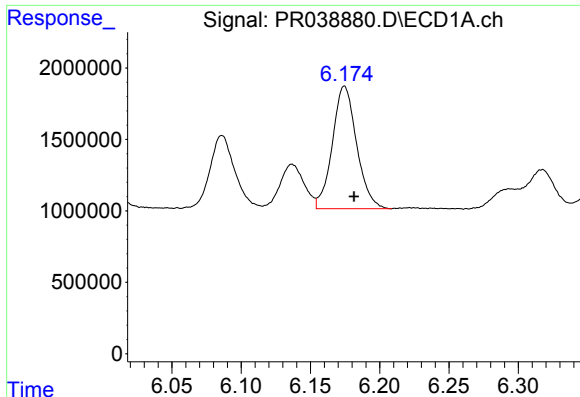
#27 AR-1254-2

R.T.: 5.776 min
Delta R.T.: -0.007 min
Response: 5877994
Conc: 85.66 ng/ml



#27 AR-1254-2

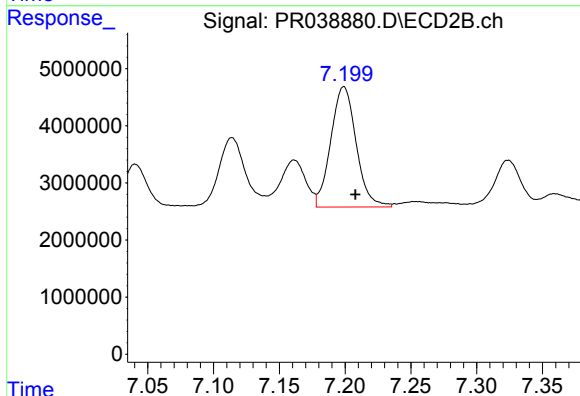
R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 44335068
Conc: 173.53 ng/ml



#28 AR-1254-3

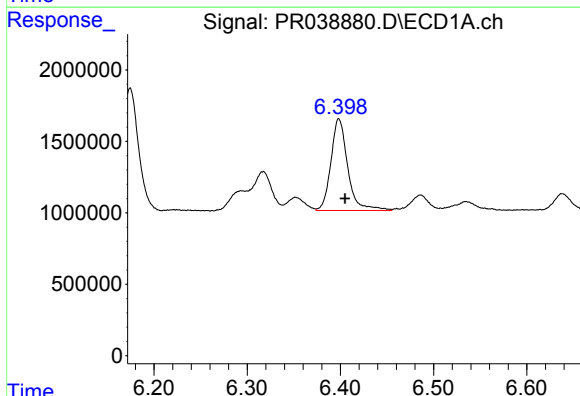
R.T.: 6.175 min
Delta R.T.: -0.007 min
Response: 10492134
Conc: 84.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



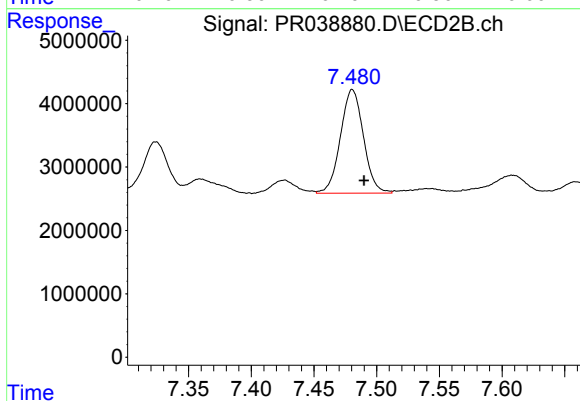
#28 AR-1254-3

R.T.: 7.199 min
Delta R.T.: -0.009 min
Response: 28315938
Conc: 92.76 ng/ml



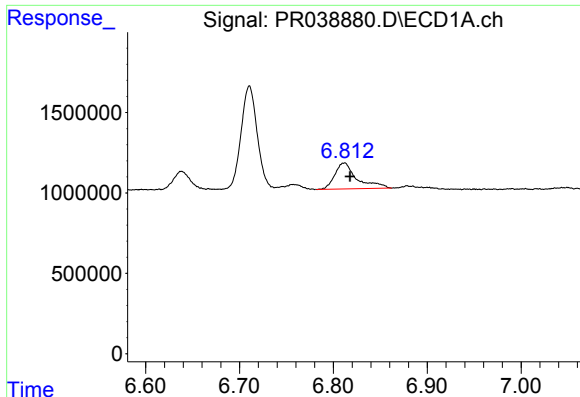
#29 AR-1254-4

R.T.: 6.398 min
Delta R.T.: -0.006 min
Response: 8055748
Conc: 80.59 ng/ml



#29 AR-1254-4

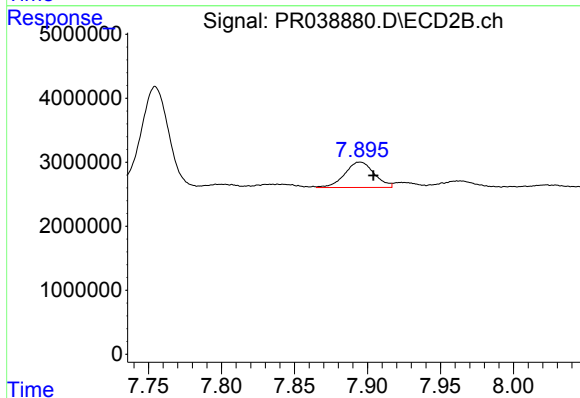
R.T.: 7.481 min
Delta R.T.: -0.009 min
Response: 20927174
Conc: 86.75 ng/ml



#30 AR-1254-5

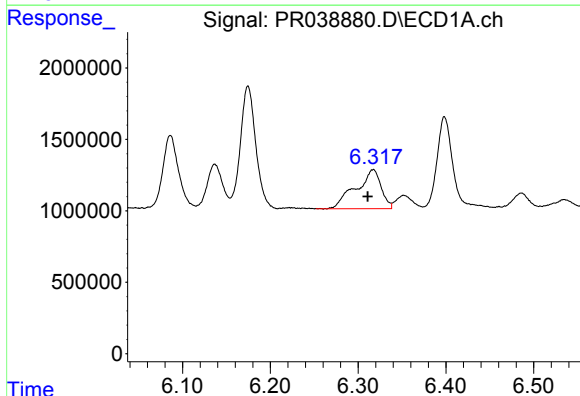
R.T.: 6.812 min
Delta R.T.: -0.006 min
Response: 2655537
Conc: 21.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



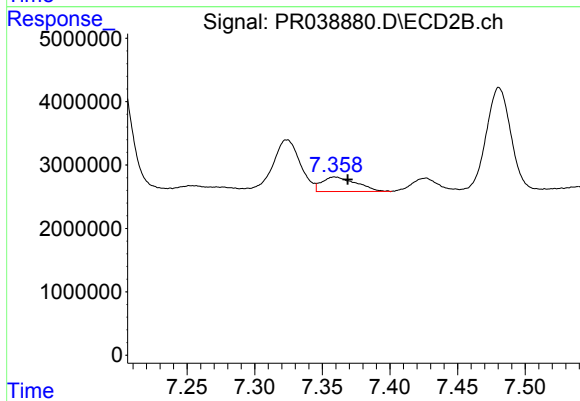
#30 AR-1254-5

R.T.: 7.895 min
Delta R.T.: -0.009 min
Response: 5557792
Conc: 20.49 ng/ml



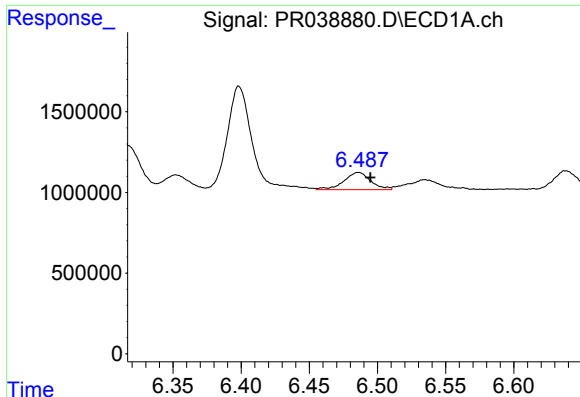
#31 AR-1260-1

R.T.: 6.317 min
Delta R.T.: 0.006 min
Response: 5471489
Conc: 70.25 ng/ml



#31 AR-1260-1

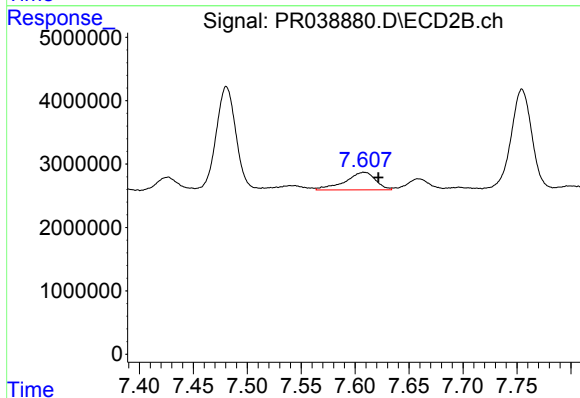
R.T.: 7.359 min
Delta R.T.: -0.010 min
Response: 4038487
Conc: 18.92 ng/ml



#32 AR-1260-2

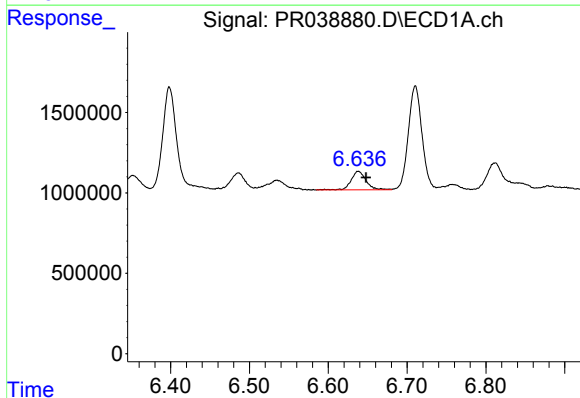
R.T.: 6.486 min
Delta R.T.: -0.009 min
Response: 1462273
Conc: 14.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



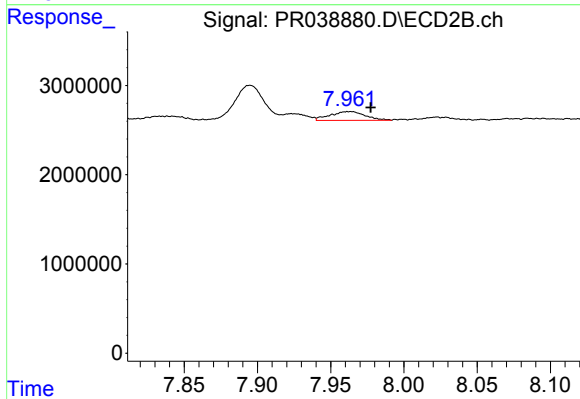
#32 AR-1260-2

R.T.: 7.608 min
Delta R.T.: -0.013 min
Response: 5472216
Conc: 20.84 ng/ml



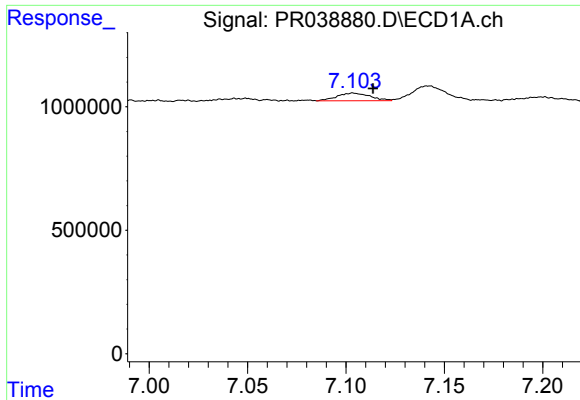
#33 AR-1260-3

R.T.: 6.638 min
Delta R.T.: -0.010 min
Response: 1513075
Conc: 16.46 ng/ml



#33 AR-1260-3

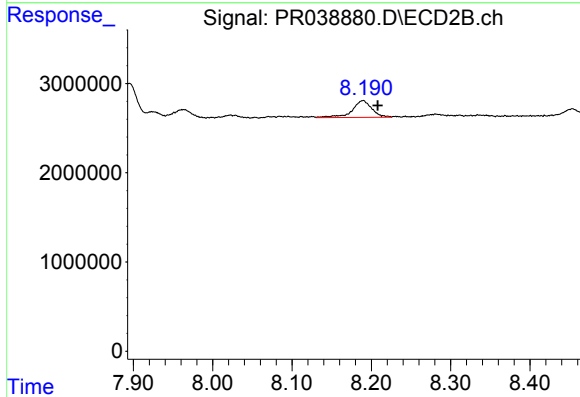
R.T.: 7.963 min
Delta R.T.: -0.014 min
Response: 1634336
Conc: 7.92 ng/ml



#34 AR-1260-4

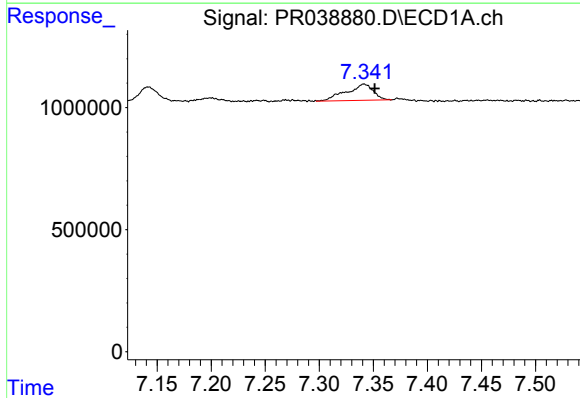
R.T.: 7.104 min
Delta R.T.: -0.010 min
Response: 365651
Conc: 4.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



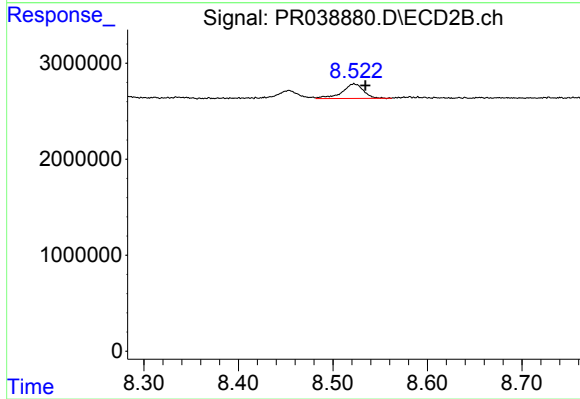
#34 AR-1260-4

R.T.: 8.190 min
Delta R.T.: -0.018 min
Response: 3200164
Conc: 13.03 ng/ml



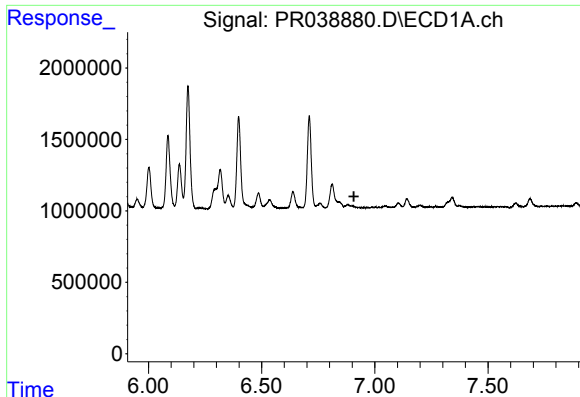
#35 AR-1260-5

R.T.: 7.341 min
Delta R.T.: -0.010 min
Response: 1160373
Conc: 5.30 ng/ml



#35 AR-1260-5

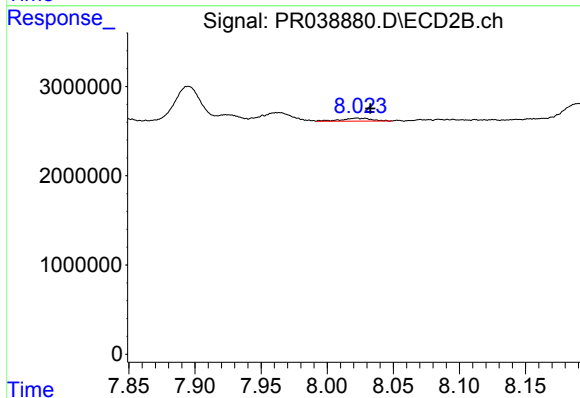
R.T.: 8.522 min
Delta R.T.: -0.012 min
Response: 2370029
Conc: 4.43 ng/ml



#36 AR-1262-1

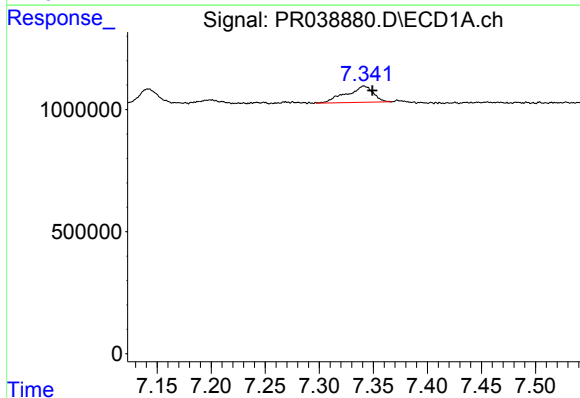
R.T.: 0.000 min
Exp R.T.: 6.907 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1248356



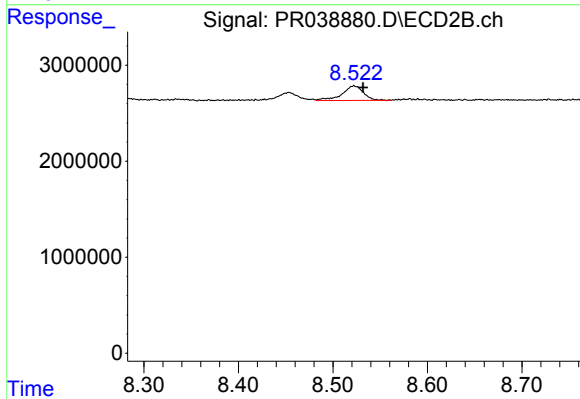
#36 AR-1262-1

R.T.: 8.022 min
Delta R.T.: -0.011 min
Response: 513009
Conc: 3.49 ng/ml



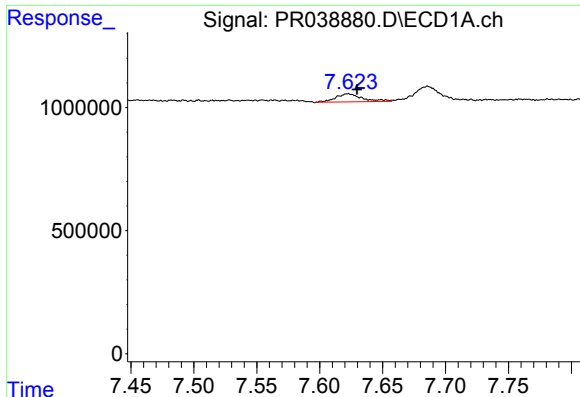
#37 AR-1262-2

R.T.: 7.341 min
Delta R.T.: -0.008 min
Response: 1160373
Conc: 4.34 ng/ml



#37 AR-1262-2

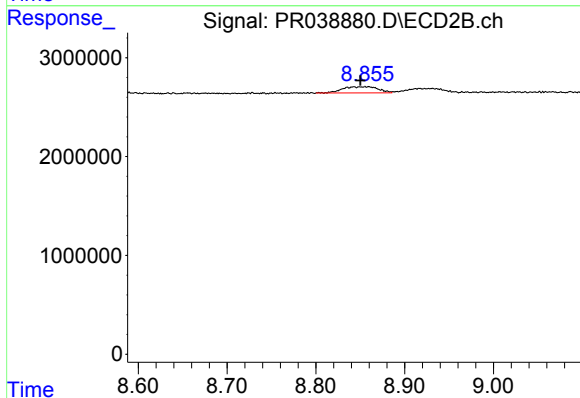
R.T.: 8.522 min
Delta R.T.: -0.010 min
Response: 2370029
Conc: 3.64 ng/ml



#38 AR-1262-3

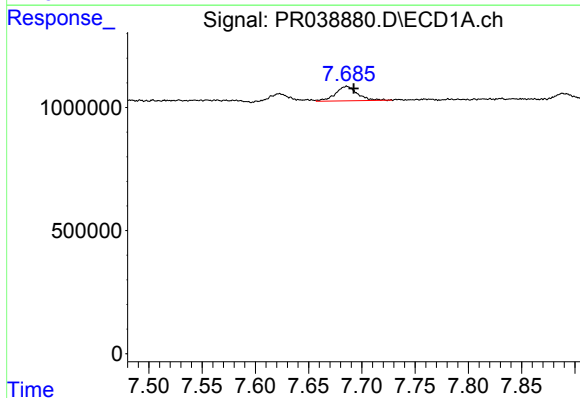
R.T.: 7.623 min
Delta R.T.: -0.007 min
Response: 489032
Conc: 4.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



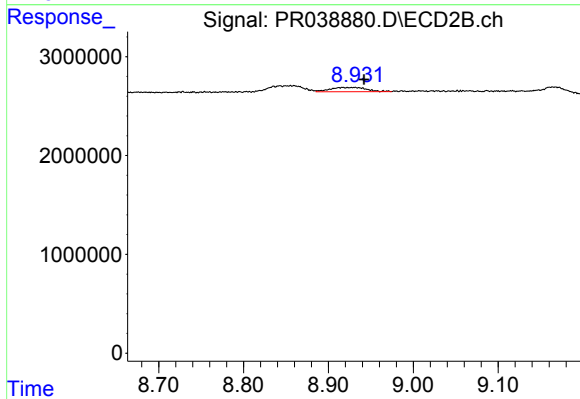
#38 AR-1262-3

R.T.: 8.856 min
Delta R.T.: 0.006 min
Response: 1716630
Conc: 3.76 ng/ml



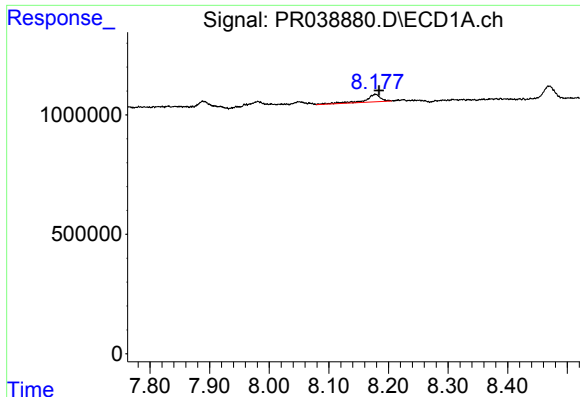
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.007 min
Response: 858344
Conc: 4.11 ng/ml



#39 AR-1262-4

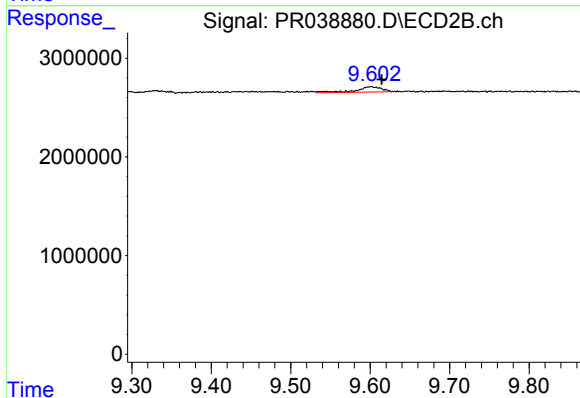
R.T.: 8.917 min
Delta R.T.: -0.025 min
Response: 1255073
Conc: 3.64 ng/ml



#40 AR-1262-5

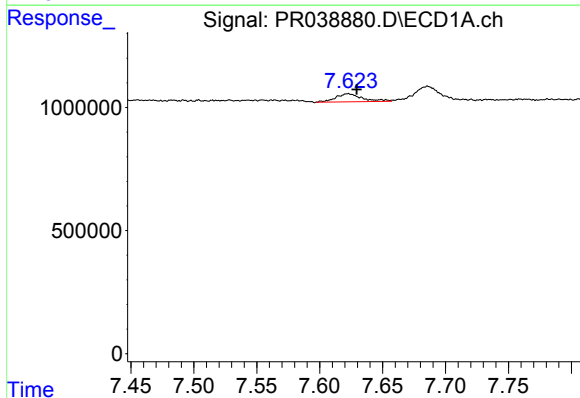
R.T.: 8.178 min
Delta R.T.: -0.007 min
Response: 550451
Conc: 4.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



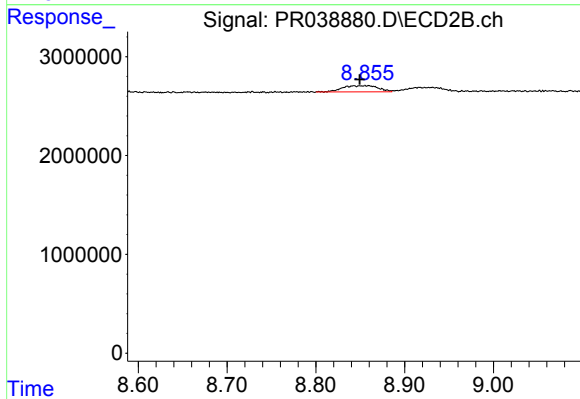
#40 AR-1262-5

R.T.: 9.601 min
Delta R.T.: -0.013 min
Response: 1214242
Conc: 4.37 ng/ml



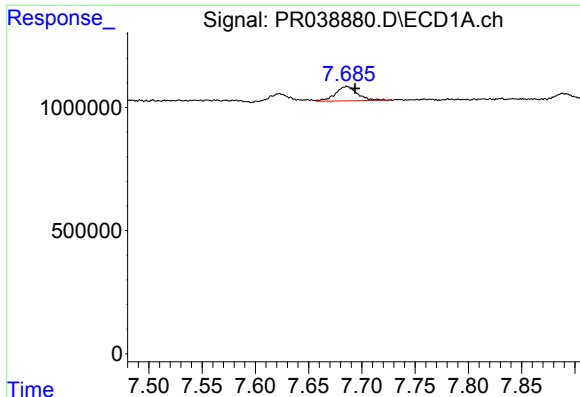
#41 AR-1268-1

R.T.: 7.623 min
Delta R.T.: -0.007 min
Response: 489032
Conc: 1.43 ng/ml



#41 AR-1268-1

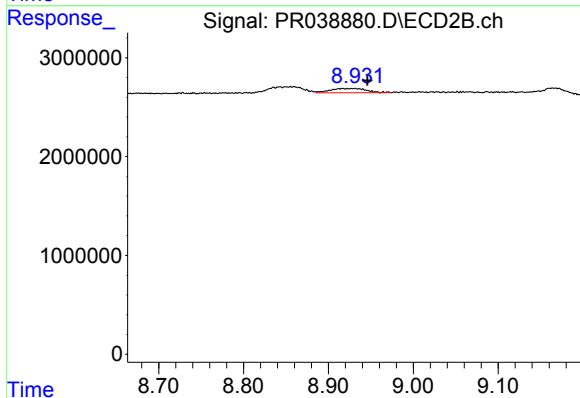
R.T.: 8.856 min
Delta R.T.: 0.006 min
Response: 1716630
Conc: 2.10 ng/ml



#42 AR-1268-2

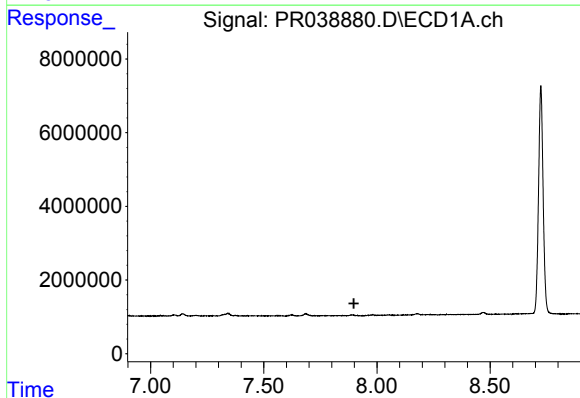
R.T.: 7.686 min
Delta R.T.: -0.008 min
Response: 858344
Conc: 2.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



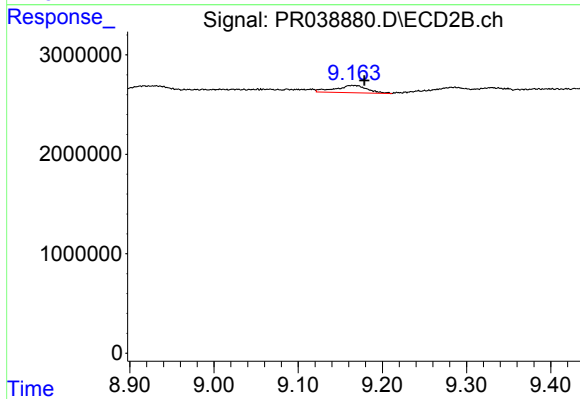
#42 AR-1268-2

R.T.: 8.917 min
Delta R.T.: -0.029 min
Response: 1255073
Conc: 1.64 ng/ml



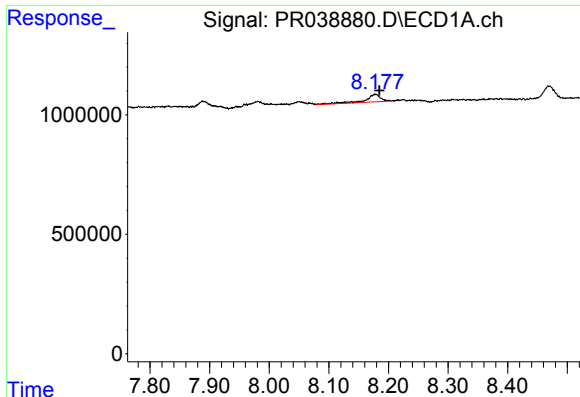
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.898 min
Response: 0
Conc: N.D.



#43 AR-1268-3

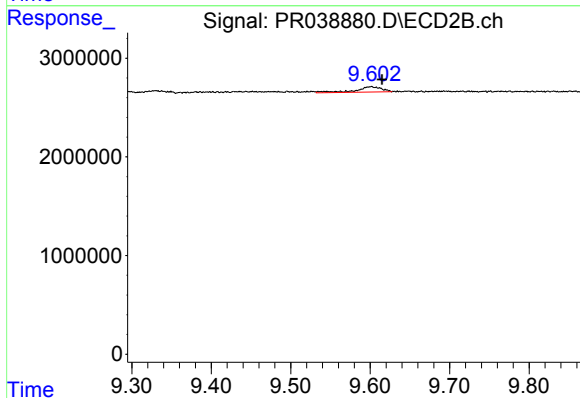
R.T.: 9.166 min
Delta R.T.: -0.013 min
Response: 1933998
Conc: 2.94 ng/ml



#44 AR-1268-4

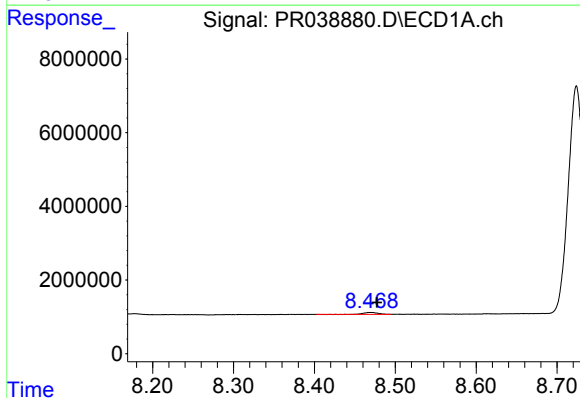
R.T.: 8.178 min
Delta R.T.: -0.007 min
Response: 550451
Conc: 4.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



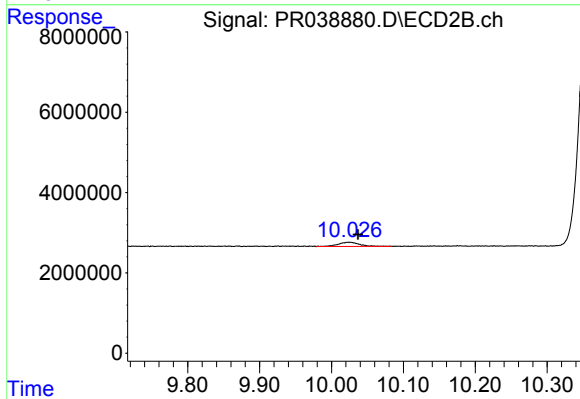
#44 AR-1268-4

R.T.: 9.601 min
Delta R.T.: -0.014 min
Response: 1214242
Conc: 3.79 ng/ml



#45 AR-1268-5

R.T.: 8.470 min
Delta R.T.: -0.008 min
Response: 667938
Conc: 0.72 ng/ml



#45 AR-1268-5

R.T.: 10.025 min
Delta R.T.: -0.012 min
Response: 2185329
Conc: 0.88 ng/ml