

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112119\
 Data File : PR043403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2019 00:13
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1248356

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 03:07:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 02 01:05:46 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...	4.708	3.967	104.6E6	342.7E6	18.638	17.738
2)	SA Decachlor...	10.619	9.060	174.0E6	494.2E6	48.317	43.941
Target Compounds							
3)	L1 AR-1016-1	5.886	5.061	45736656	137.3E6	243.984	231.311
4)	L1 AR-1016-2	5.909	5.081	53552347	139.9E6	203.754	174.645
5)	L1 AR-1016-3	5.971	5.260	27627738	82743097	176.594	217.915
6)	L1 AR-1016-4	6.071	5.298	30206505	143.8E6	232.007	511.685 #
7)	L1 AR-1016-5	6.366	5.515	71617268	168.2E6	554.648	530.276
8)	L2 AR-1221-1	4.913	4.178	1064224	3221502	19.659	16.515
9)	L2 AR-1221-2	5.014	4.269	2709302	7980929	70.552	59.492
10)	L2 AR-1221-3	5.083	4.343	6822905	19945194	53.478	43.730
11)	L3 AR-1232-1	5.083	4.343	6822905	19945194	61.776	50.532
12)	L3 AR-1232-2	5.618	5.081	20337807	139.9E6	356.513	379.676
13)	L3 AR-1232-3	5.909	5.260	53552347	82743097	466.878	478.818
14)	L3 AR-1232-4	6.071	5.341	30206505	143.5E6	530.356	1073.727 #
15)	L3 AR-1232-5	6.158	5.515	63851174	168.2E6	1488.581	1233.935
16)	L4 AR-1242-1	5.886	5.061	45736656	137.3E6	311.842	299.751
17)	L4 AR-1242-2	5.909	5.081	53552347	139.9E6	263.471	228.504
18)	L4 AR-1242-3	5.971	5.260	27627738	82743097	224.596	283.330 #
19)	L4 AR-1242-4	6.071	5.341	30206505	143.5E6	297.084	569.244 #
20)	L4 AR-1242-5	6.809	5.867	75183629	263.6E6	695.480	887.226 #
21)	L5 AR-1248-1	5.886	5.061	45736656	137.3E6	398.729	368.670
22)	L5 AR-1248-2	6.158	5.298	63851174	143.8E6	406.617	374.243
23)	L5 AR-1248-3	6.366	5.341	71617268	143.5E6	409.485	379.452
24)	L5 AR-1248-4	6.769	5.515	79166658	168.2E6	399.455	403.687
25)	L5 AR-1248-5	6.809	5.909	75183629	189.0E6	402.927	428.891
26)	L6 AR-1254-1	6.742	5.867	54907718	263.6E6	285.436	422.264 #
27)	L6 AR-1254-2	6.967	6.015	82111059	86530762	278.415	154.048 #
28)	L6 AR-1254-3	7.330	6.420	45179046	131.6E6	146.597	134.766
29)	L6 AR-1254-4	7.615	6.648	26193888	110.3E6	115.951	154.380 #
30)	L6 AR-1254-5	8.034	7.067	10396754	26737856	44.512	32.335 #
31)	L7 AR-1260-1	7.493	6.567	5854929	46426560	26.086	70.884 #
32)	L7 AR-1260-2	7.743	6.737	7757212	20822669	29.242	22.802
33)	L7 AR-1260-3	8.104	6.893	2798692	23316200	14.114	30.404 #
34)	L7 AR-1260-4	8.338	7.366	5392665	4580709	23.590	7.240 #
35)	L7 AR-1260-5	8.683	7.605	2946574	11711869	6.433	6.630
36)	L8 AR-1262-1	8.168	7.067	1350430	26737856	11.822	56.745 #
37)	L8 AR-1262-2	8.683	7.605	2946574	11711869	5.657	6.074
38)	L8 AR-1262-3	9.015	7.890	2188586	3474776	6.576	4.685 #
39)	L8 AR-1262-4	9.105	7.953	1393428	7102985	5.687	5.503
40)	L8 AR-1262-5	9.812	8.468	2586988	2794040	15.304	4.732 #
41)	L9 AR-1268-1	9.015	7.890	2188586	3474776	3.743	1.568 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112119\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2019 00:13
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

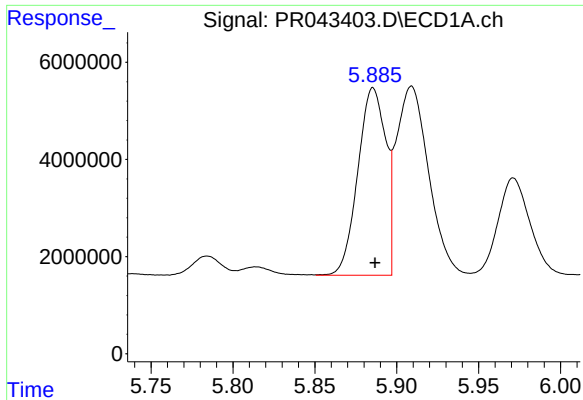
Instrument :
 ECD_R
 ClientSampleId :
 AR1248356

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 03:07:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
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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
42) L9	AR-1268-2	9.105	7.953	1393428	7102985	2.641	3.638 #
43) L9	AR-1268-3	9.357	8.166	1635147	5508110	3.784	3.322
44) L9	AR-1268-4	9.812	8.468	2586988	2794040	13.716	4.213 #
45) L9	AR-1268-5	10.257	8.783	1431487	7778907	1.016	1.652 #

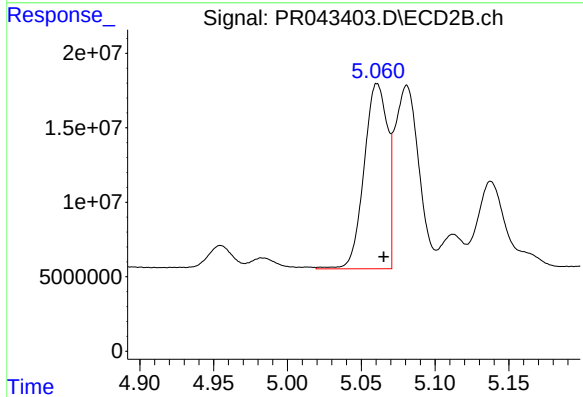
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

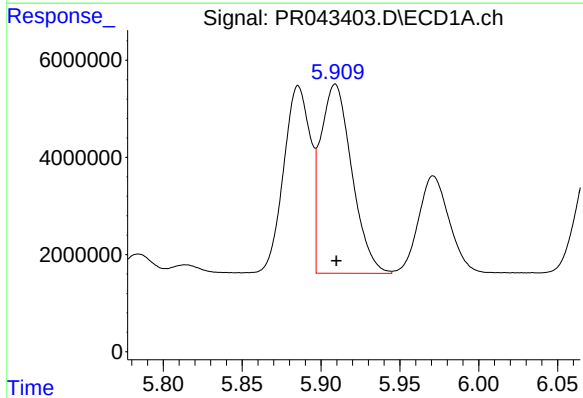
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 45736656
Conc: 243.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



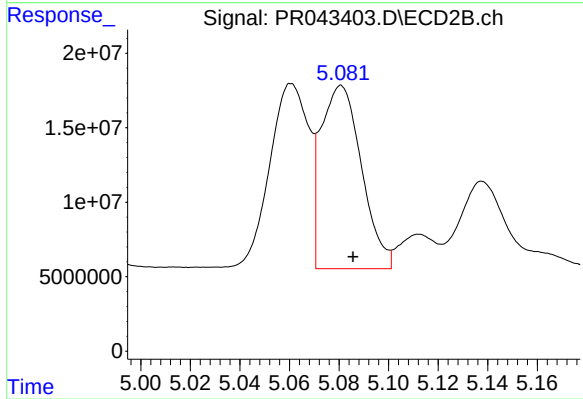
#3 AR-1016-1

R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 137276611
Conc: 231.31 ng/ml



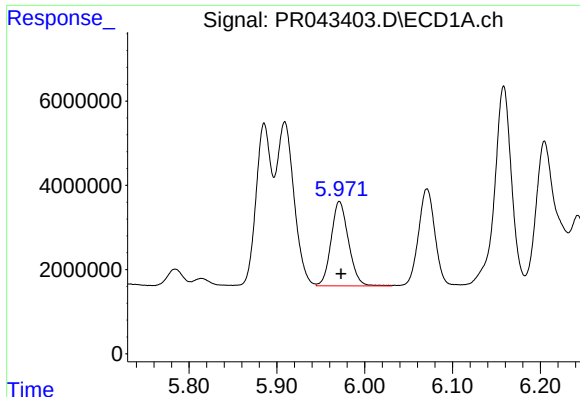
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 53552347
Conc: 203.75 ng/ml



#4 AR-1016-2

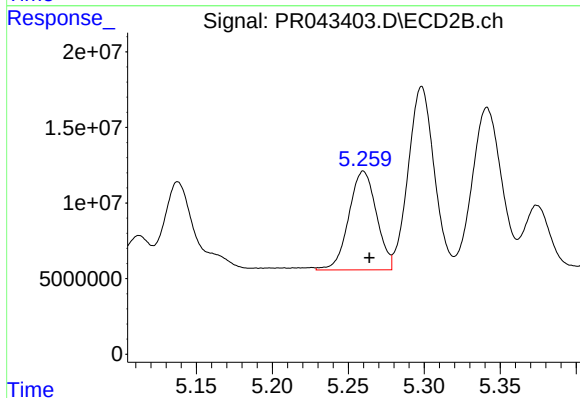
R.T.: 5.081 min
Delta R.T.: -0.005 min
Response: 139932776
Conc: 174.64 ng/ml



#5 AR-1016-3

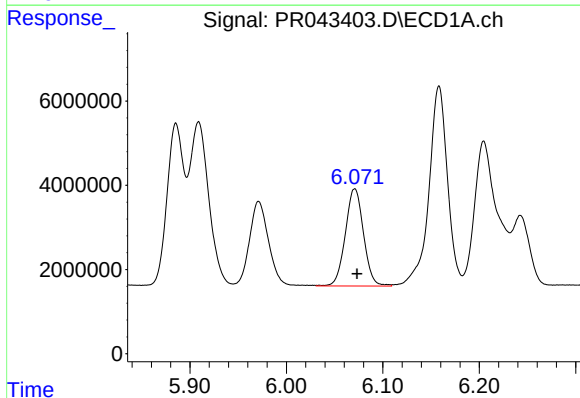
R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 27627738
Conc: 176.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



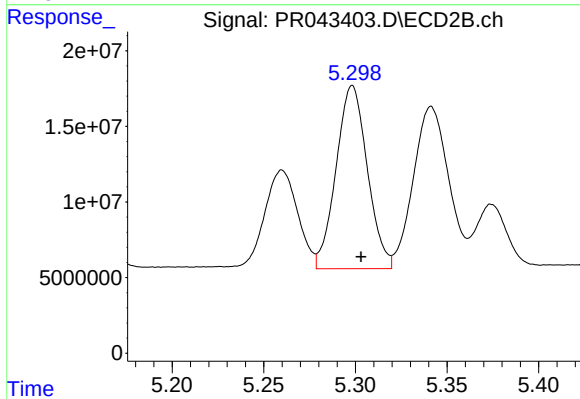
#5 AR-1016-3

R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 82743097
Conc: 217.92 ng/ml



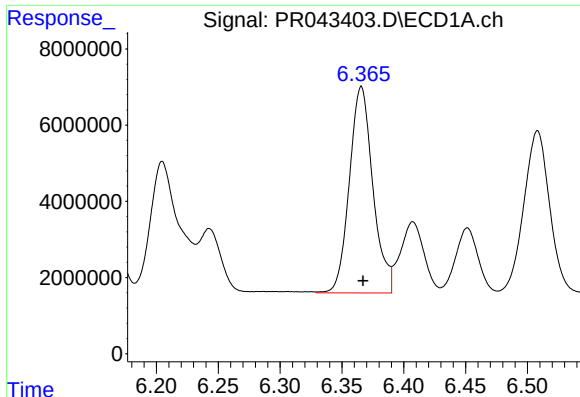
#6 AR-1016-4

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 30206505
Conc: 232.01 ng/ml



#6 AR-1016-4

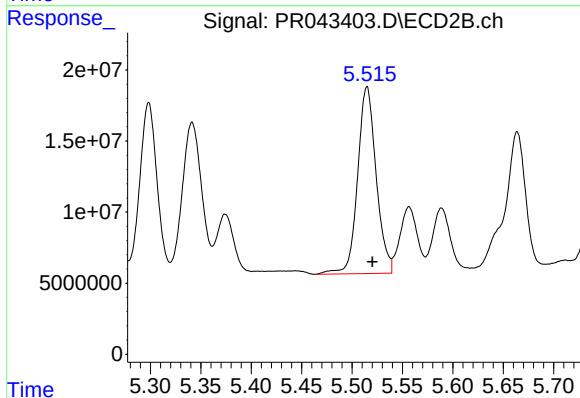
R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 143820769
Conc: 511.68 ng/ml



#7 AR-1016-5

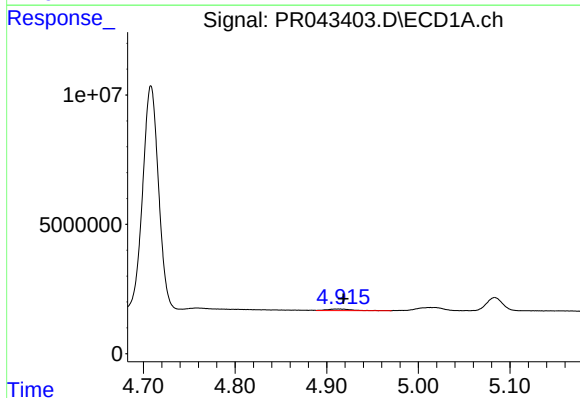
R.T.: 6.366 min
Delta R.T.: -0.001 min
Response: 71617268
Conc: 554.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



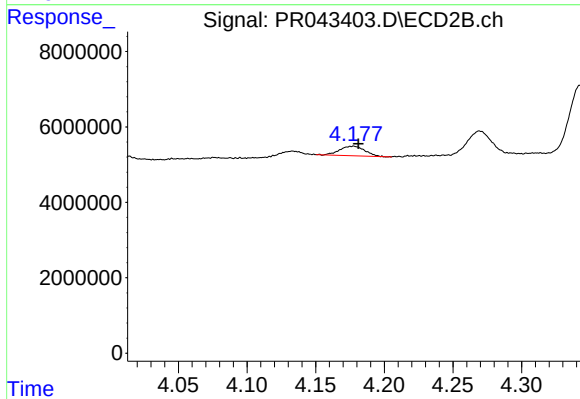
#7 AR-1016-5

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 168153967
Conc: 530.28 ng/ml



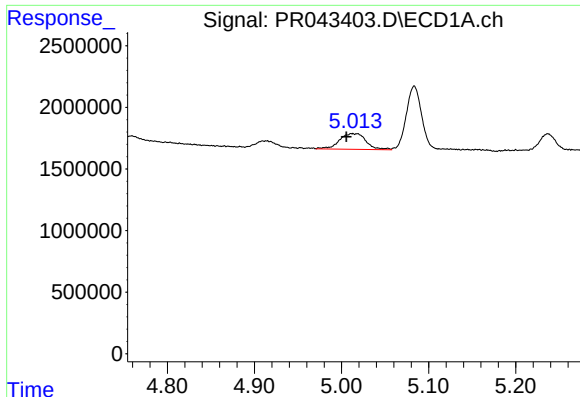
#8 AR-1221-1

R.T.: 4.913 min
Delta R.T.: -0.006 min
Response: 1064224
Conc: 19.66 ng/ml



#8 AR-1221-1

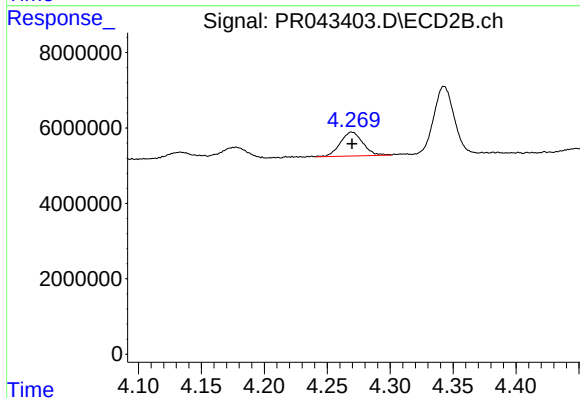
R.T.: 4.178 min
Delta R.T.: -0.003 min
Response: 3221502
Conc: 16.51 ng/ml



#9 AR-1221-2

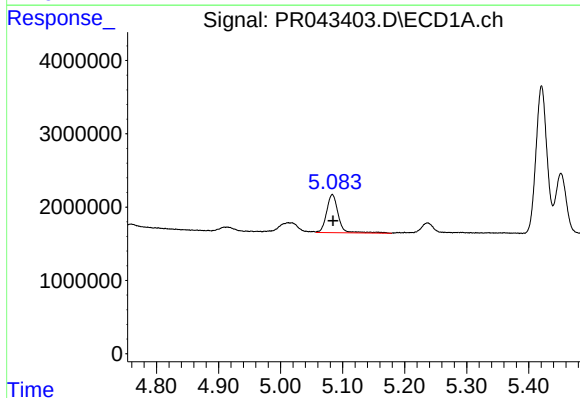
R.T.: 5.014 min
Delta R.T.: 0.008 min
Response: 2709302
Conc: 70.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



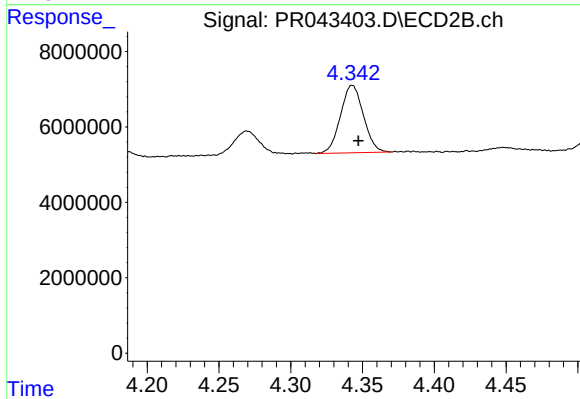
#9 AR-1221-2

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 7980929
Conc: 59.49 ng/ml



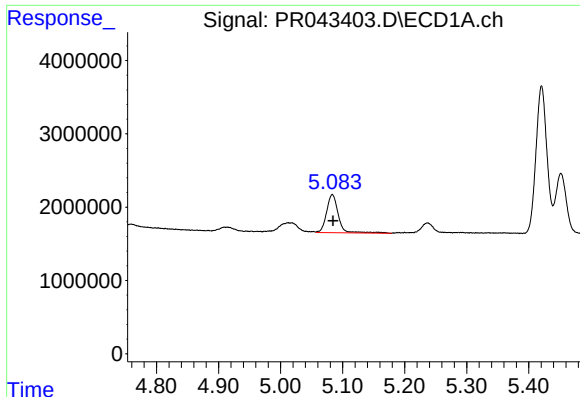
#10 AR-1221-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 6822905
Conc: 53.48 ng/ml



#10 AR-1221-3

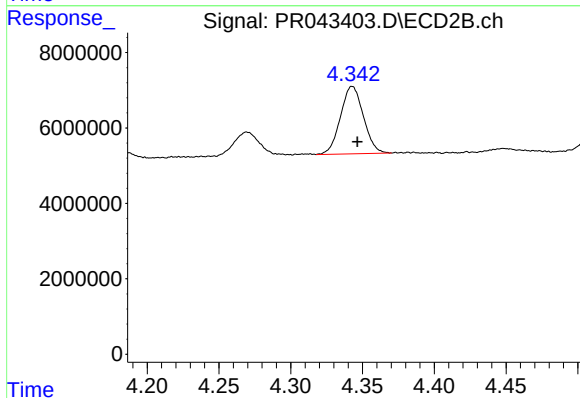
R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 19945194
Conc: 43.73 ng/ml



#11 AR-1232-1

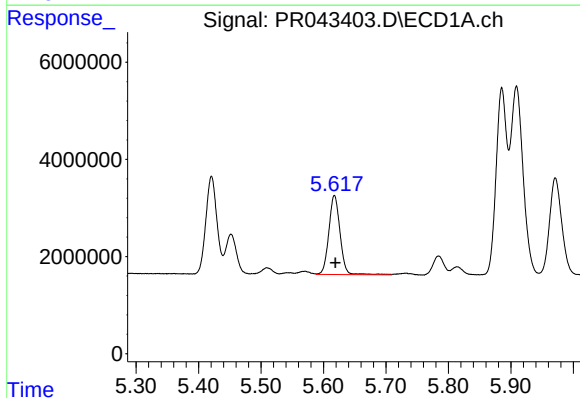
R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 6822905
Conc: 61.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



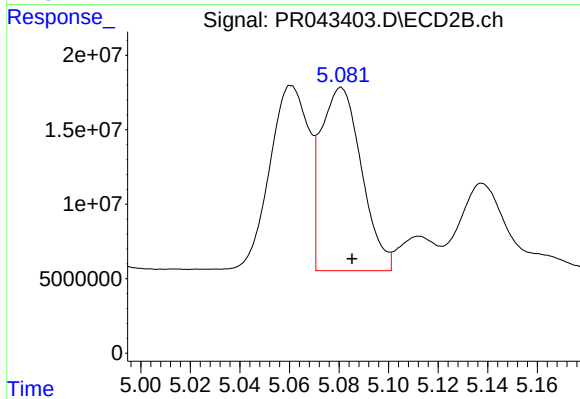
#11 AR-1232-1

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 19945194
Conc: 50.53 ng/ml



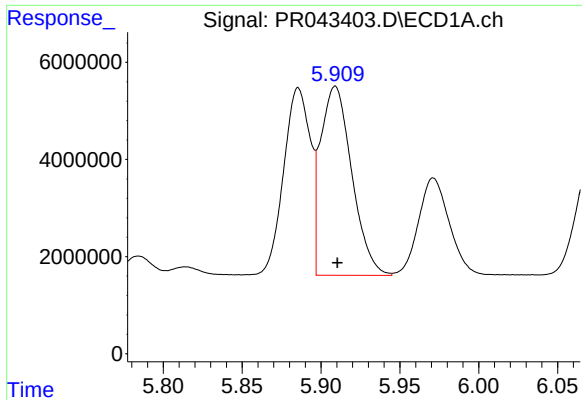
#12 AR-1232-2

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 20337807
Conc: 356.51 ng/ml



#12 AR-1232-2

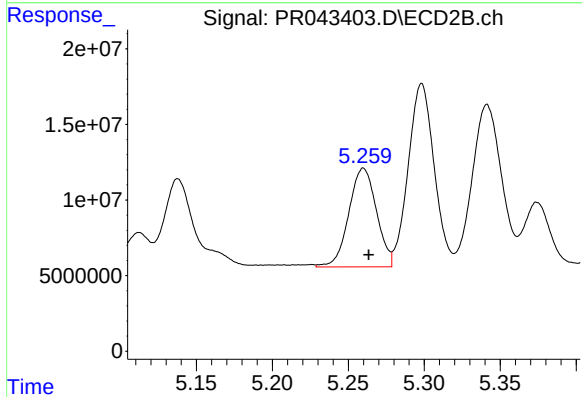
R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 139932776
Conc: 379.68 ng/ml



#13 AR-1232-3

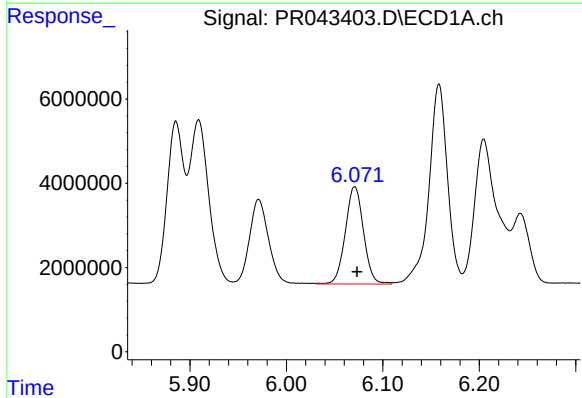
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 53552347
Conc: 466.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



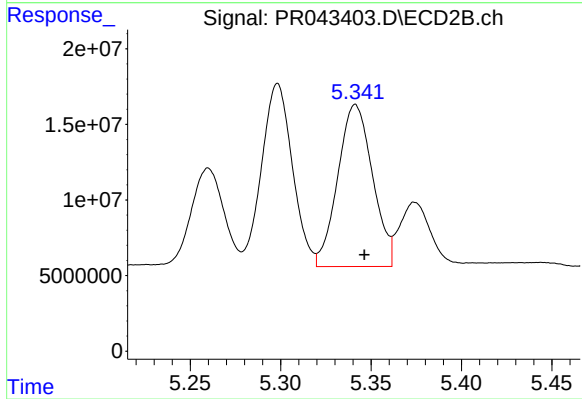
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 82743097
Conc: 478.82 ng/ml



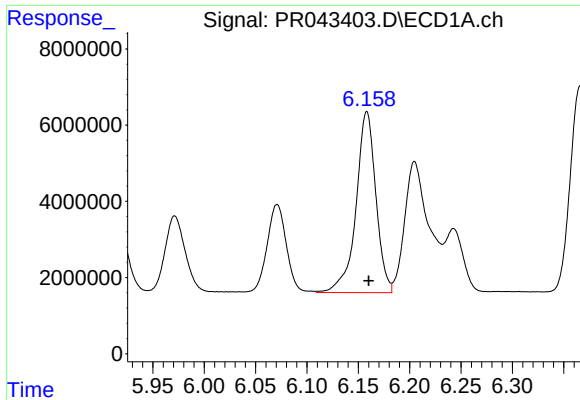
#14 AR-1232-4

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 30206505
Conc: 530.36 ng/ml



#14 AR-1232-4

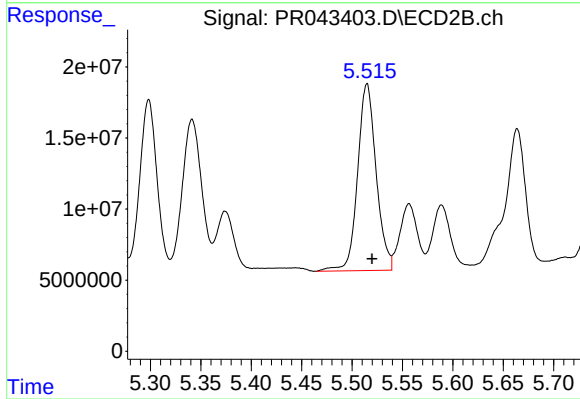
R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 143482352
Conc: 1073.73 ng/ml



#15 AR-1232-5

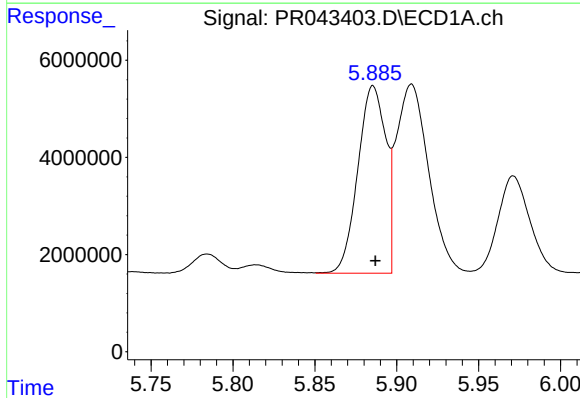
R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 63851174
Conc: 1488.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



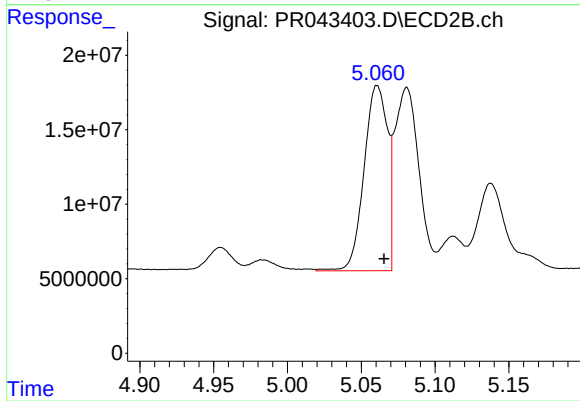
#15 AR-1232-5

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 168153967
Conc: 1233.93 ng/ml



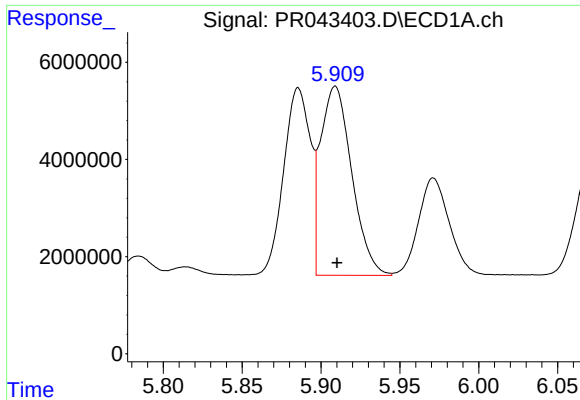
#16 AR-1242-1

R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 45736656
Conc: 311.84 ng/ml



#16 AR-1242-1

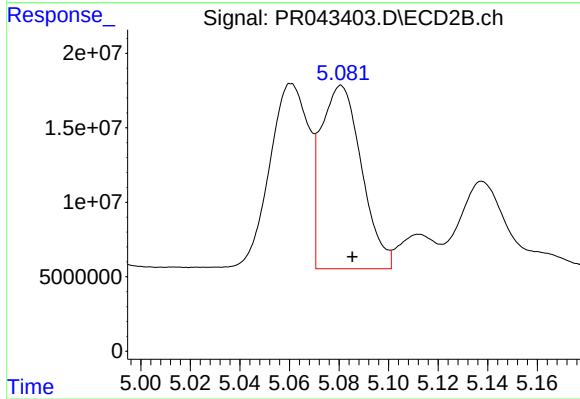
R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 137276611
Conc: 299.75 ng/ml



#17 AR-1242-2

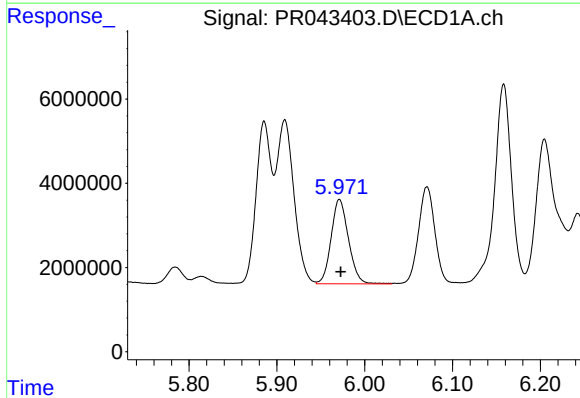
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 53552347
Conc: 263.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



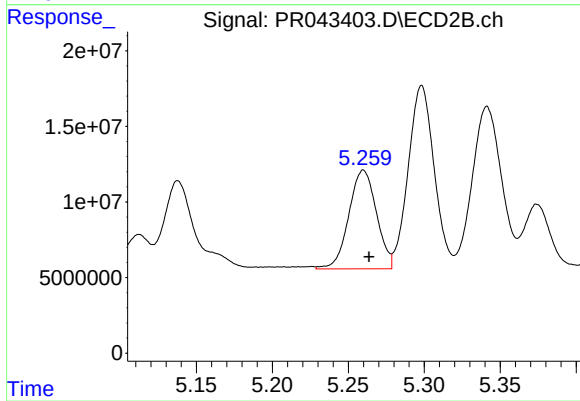
#17 AR-1242-2

R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 139932776
Conc: 228.50 ng/ml



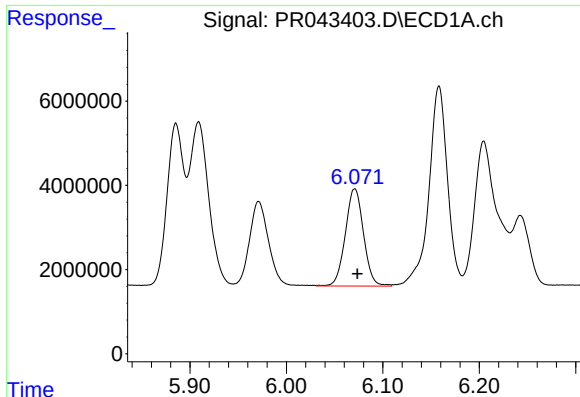
#18 AR-1242-3

R.T.: 5.971 min
Delta R.T.: -0.001 min
Response: 27627738
Conc: 224.60 ng/ml



#18 AR-1242-3

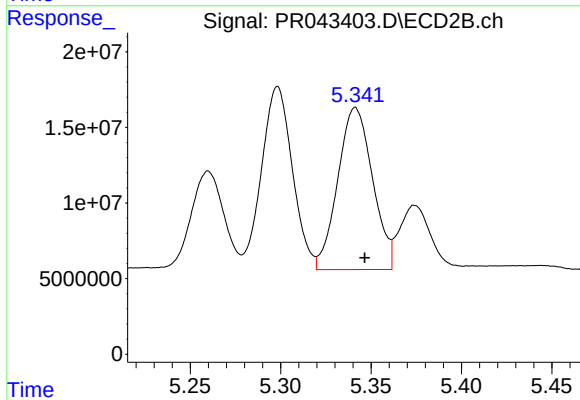
R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 82743097
Conc: 283.33 ng/ml



#19 AR-1242-4

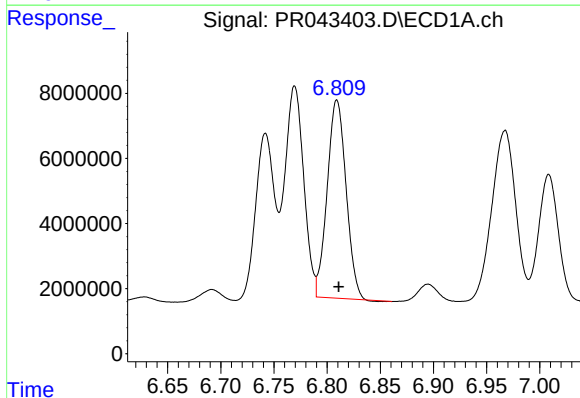
R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 30206505
Conc: 297.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



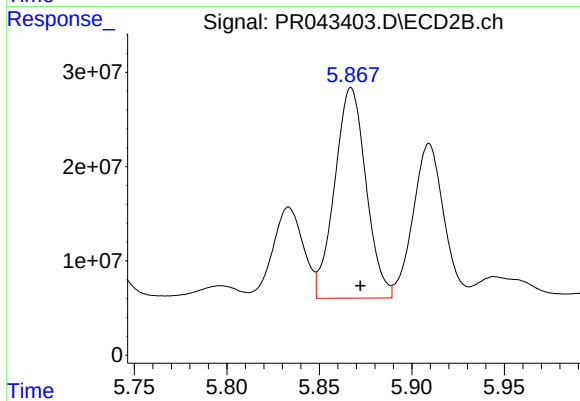
#19 AR-1242-4

R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 143482352
Conc: 569.24 ng/ml



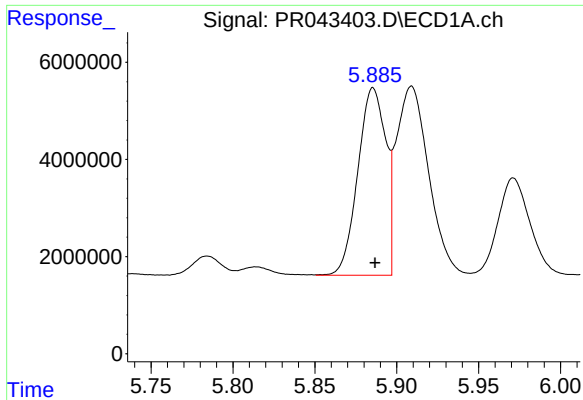
#20 AR-1242-5

R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 75183629
Conc: 695.48 ng/ml



#20 AR-1242-5

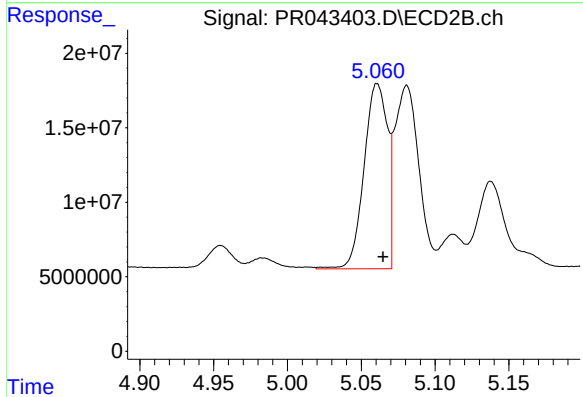
R.T.: 5.867 min
Delta R.T.: -0.005 min
Response: 263644770
Conc: 887.23 ng/ml



#21 AR-1248-1

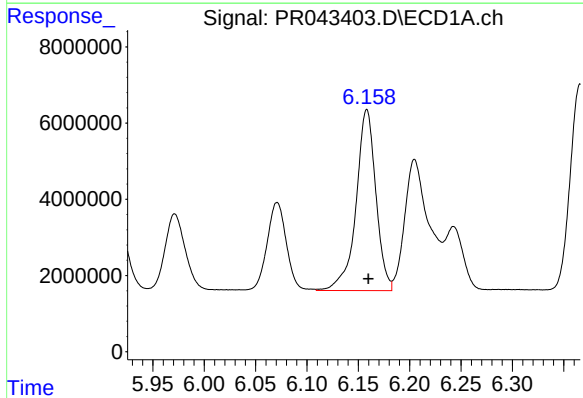
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 45736656
Conc: 398.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



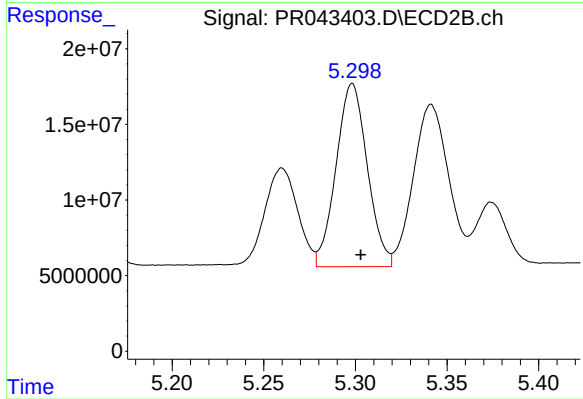
#21 AR-1248-1

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 137276611
Conc: 368.67 ng/ml



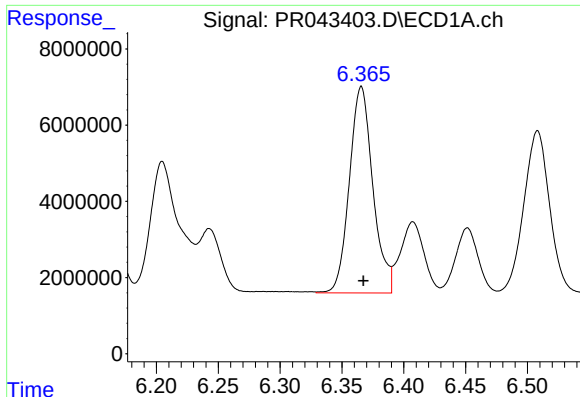
#22 AR-1248-2

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 63851174
Conc: 406.62 ng/ml



#22 AR-1248-2

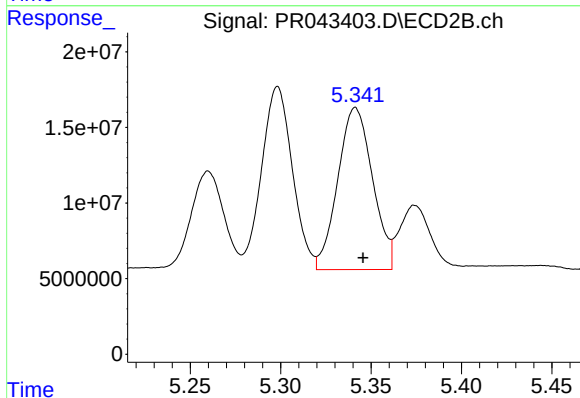
R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 143820769
Conc: 374.24 ng/ml



#23 AR-1248-3

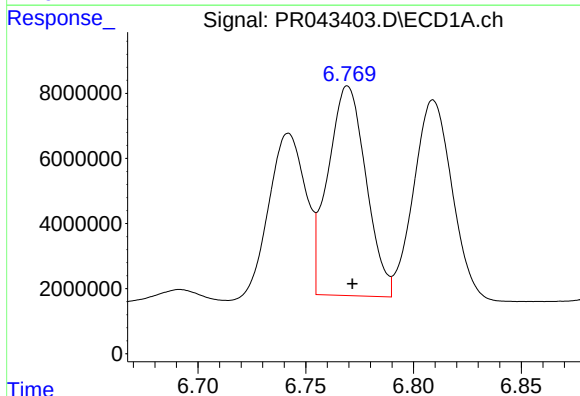
R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 71617268
Conc: 409.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



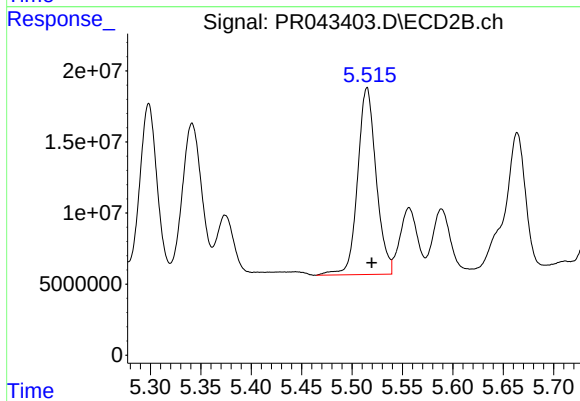
#23 AR-1248-3

R.T.: 5.341 min
Delta R.T.: -0.004 min
Response: 143482352
Conc: 379.45 ng/ml



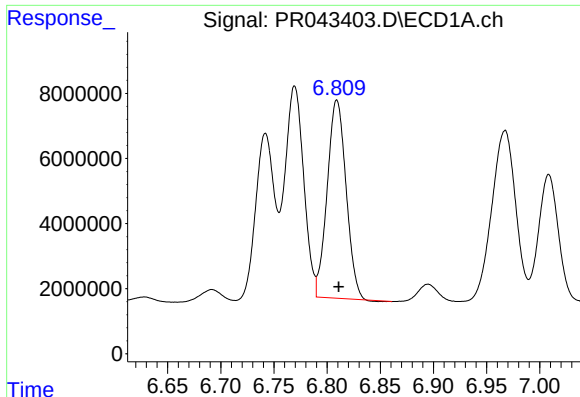
#24 AR-1248-4

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 79166658
Conc: 399.45 ng/ml



#24 AR-1248-4

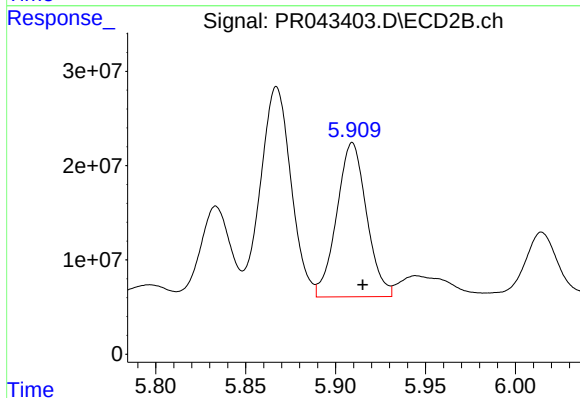
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 168153967
Conc: 403.69 ng/ml



#25 AR-1248-5

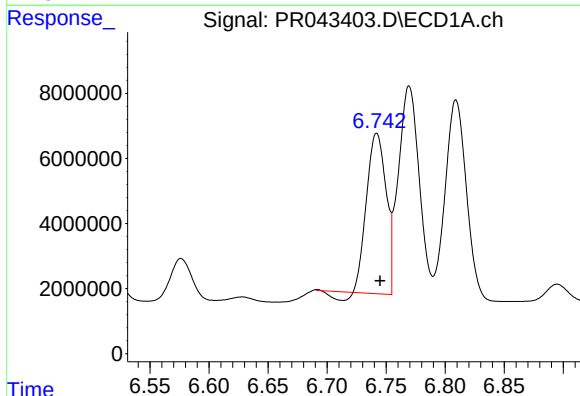
R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 75183629
Conc: 402.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



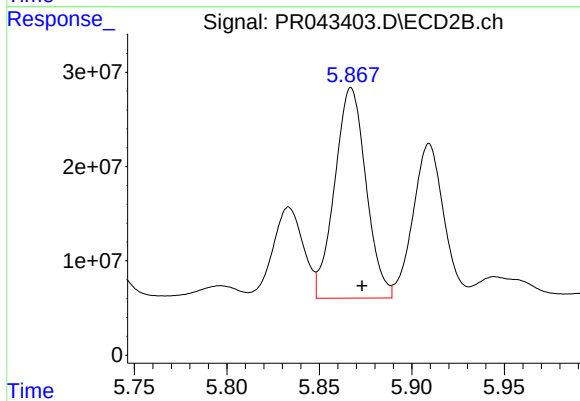
#25 AR-1248-5

R.T.: 5.909 min
Delta R.T.: -0.006 min
Response: 188955016
Conc: 428.89 ng/ml



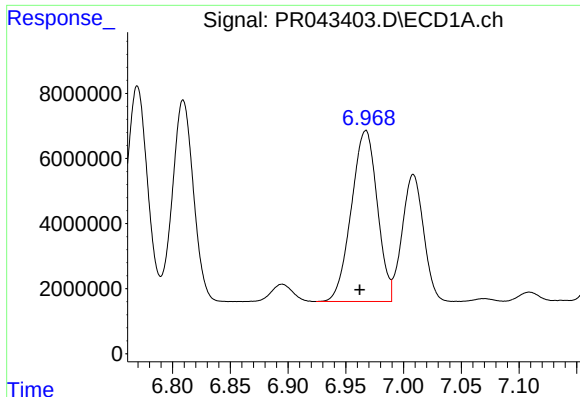
#26 AR-1254-1

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 54907718
Conc: 285.44 ng/ml



#26 AR-1254-1

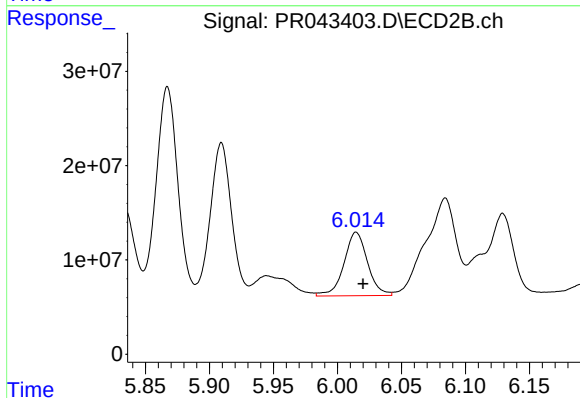
R.T.: 5.867 min
Delta R.T.: -0.006 min
Response: 263644770
Conc: 422.26 ng/ml



#27 AR-1254-2

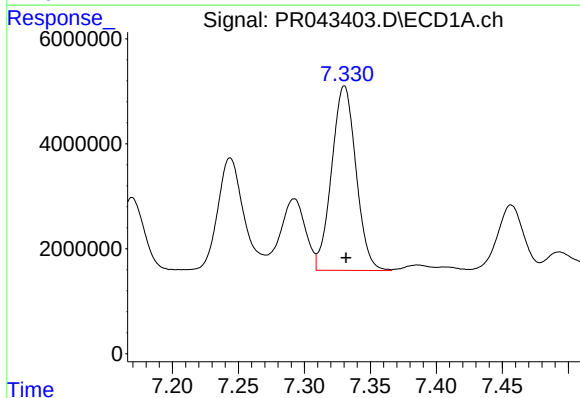
R.T.: 6.967 min
Delta R.T.: 0.005 min
Response: 82111059
Conc: 278.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



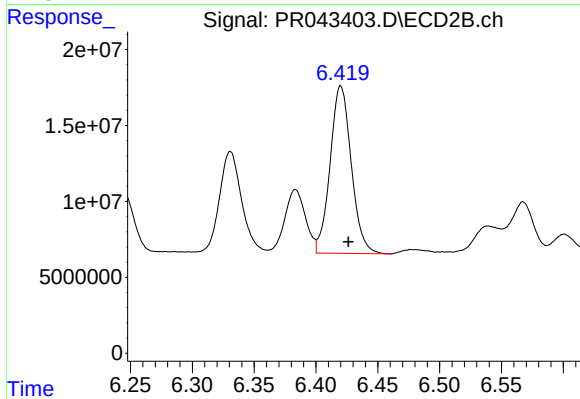
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.005 min
Response: 86530762
Conc: 154.05 ng/ml



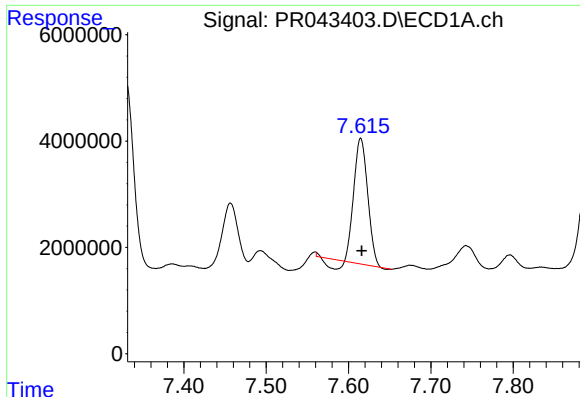
#28 AR-1254-3

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 45179046
Conc: 146.60 ng/ml



#28 AR-1254-3

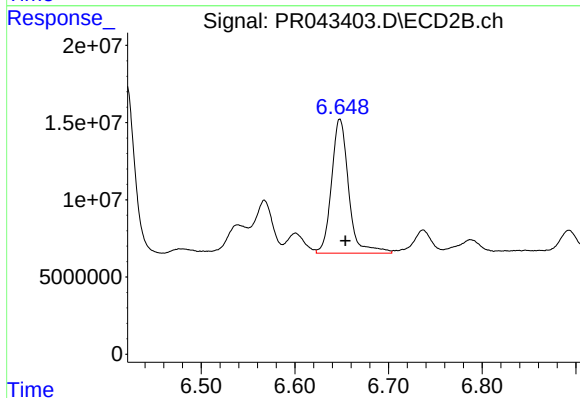
R.T.: 6.420 min
Delta R.T.: -0.006 min
Response: 131616324
Conc: 134.77 ng/ml



#29 AR-1254-4

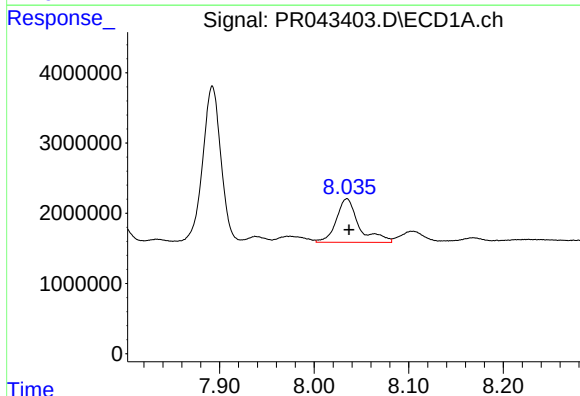
R.T.: 7.615 min
Delta R.T.: -0.001 min
Response: 26193888
Conc: 115.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



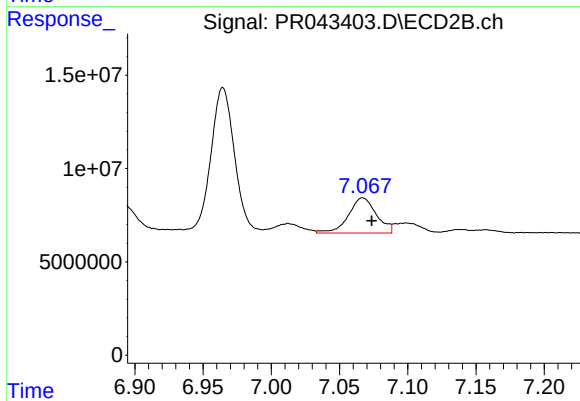
#29 AR-1254-4

R.T.: 6.648 min
Delta R.T.: -0.006 min
Response: 110322679
Conc: 154.38 ng/ml



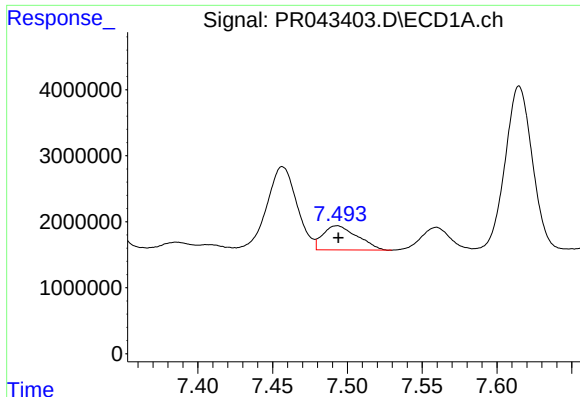
#30 AR-1254-5

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 10396754
Conc: 44.51 ng/ml



#30 AR-1254-5

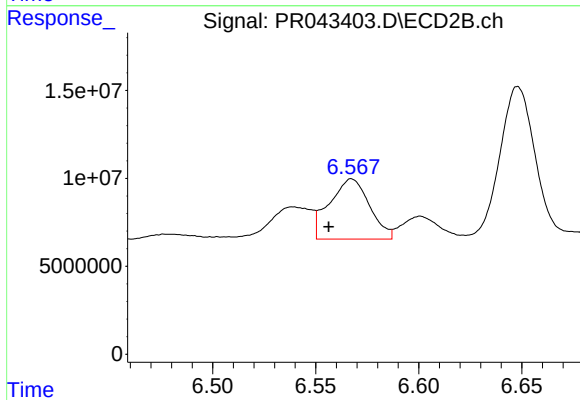
R.T.: 7.067 min
Delta R.T.: -0.007 min
Response: 26737856
Conc: 32.34 ng/ml



#31 AR-1260-1

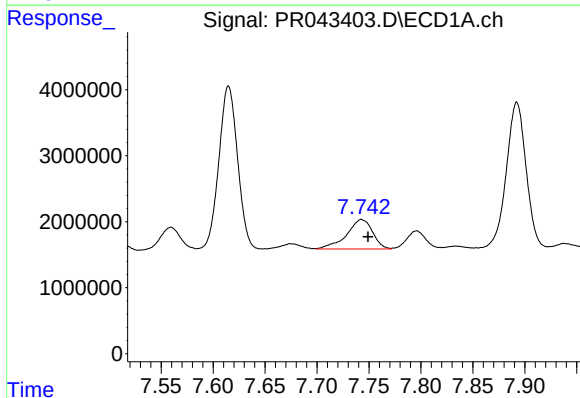
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 5854929
Conc: 26.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



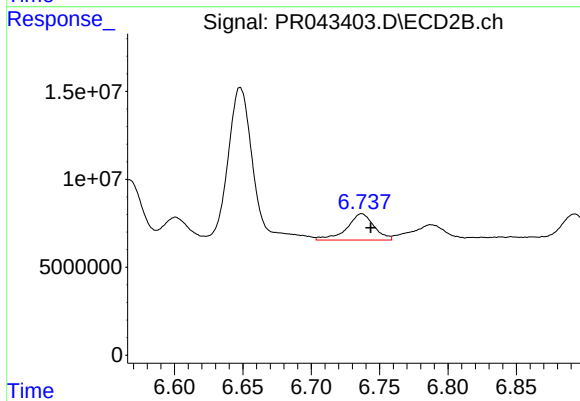
#31 AR-1260-1

R.T.: 6.567 min
Delta R.T.: 0.011 min
Response: 46426560
Conc: 70.88 ng/ml



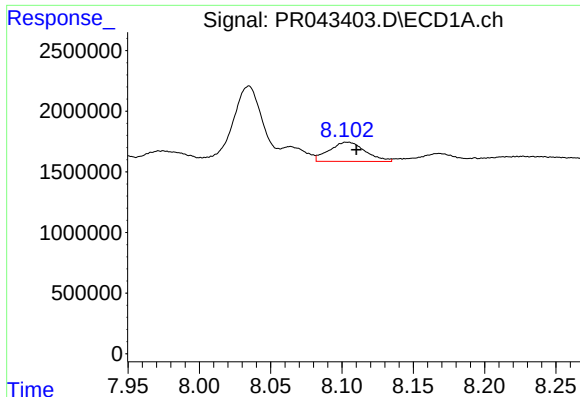
#32 AR-1260-2

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 7757212
Conc: 29.24 ng/ml



#32 AR-1260-2

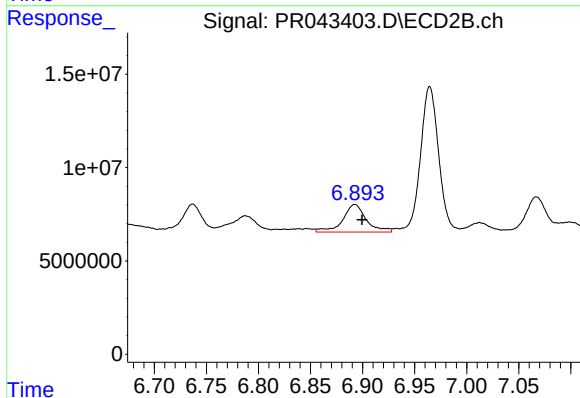
R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 20822669
Conc: 22.80 ng/ml



#33 AR-1260-3

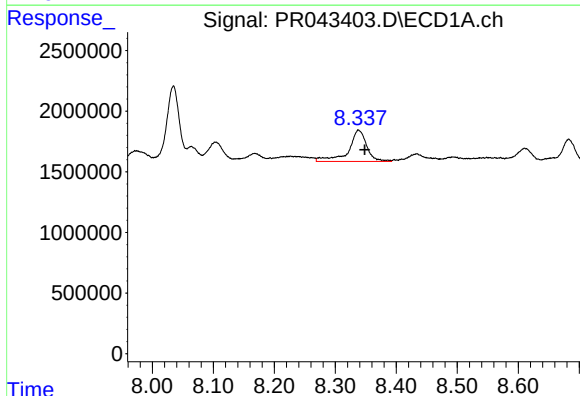
R.T.: 8.104 min
Delta R.T.: -0.006 min
Response: 2798692
Conc: 14.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



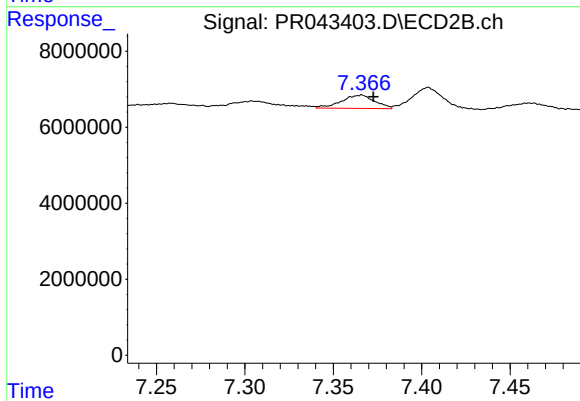
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.007 min
Response: 23316200
Conc: 30.40 ng/ml



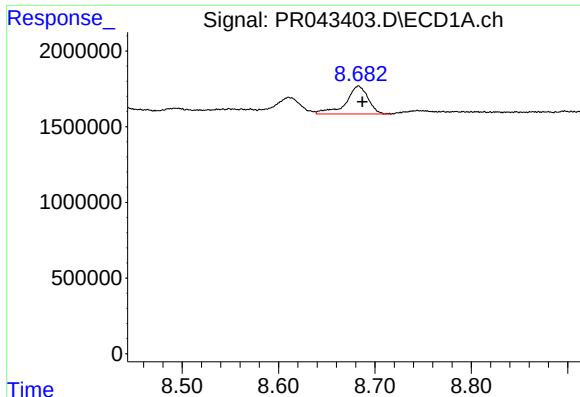
#34 AR-1260-4

R.T.: 8.338 min
Delta R.T.: -0.010 min
Response: 5392665
Conc: 23.59 ng/ml



#34 AR-1260-4

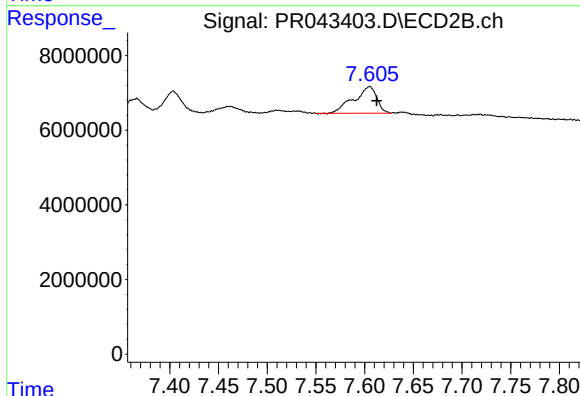
R.T.: 7.366 min
Delta R.T.: -0.007 min
Response: 4580709
Conc: 7.24 ng/ml



#35 AR-1260-5

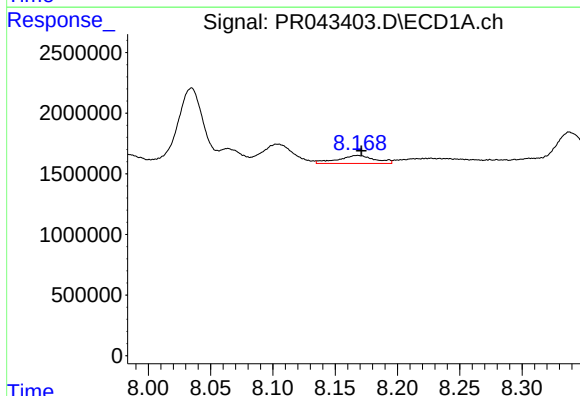
R.T.: 8.683 min
Delta R.T.: -0.004 min
Response: 2946574
Conc: 6.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



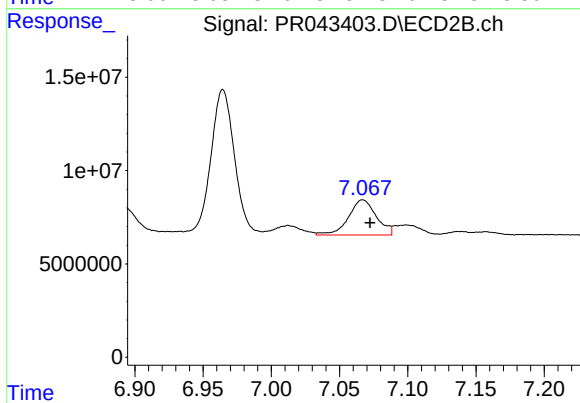
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.007 min
Response: 11711869
Conc: 6.63 ng/ml



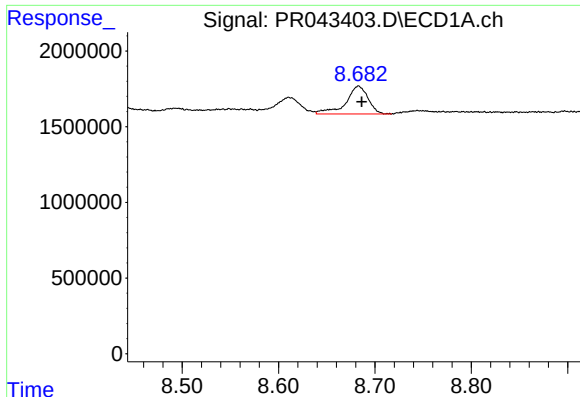
#36 AR-1262-1

R.T.: 8.168 min
Delta R.T.: -0.003 min
Response: 1350430
Conc: 11.82 ng/ml



#36 AR-1262-1

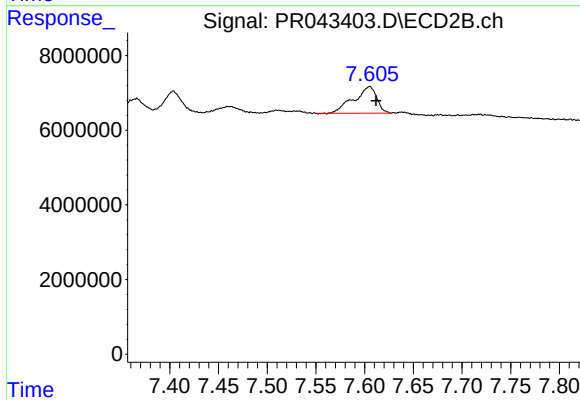
R.T.: 7.067 min
Delta R.T.: -0.005 min
Response: 26737856
Conc: 56.75 ng/ml



#37 AR-1262-2

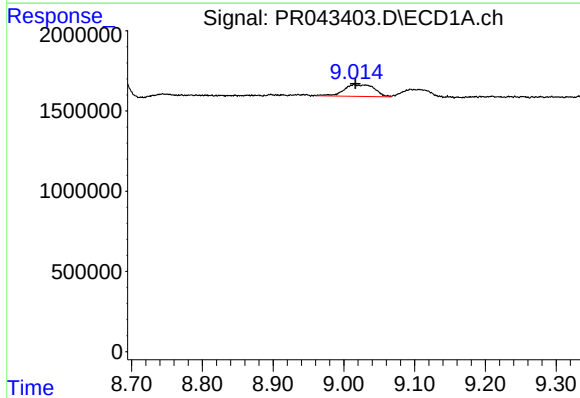
R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 2946574
Conc: 5.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



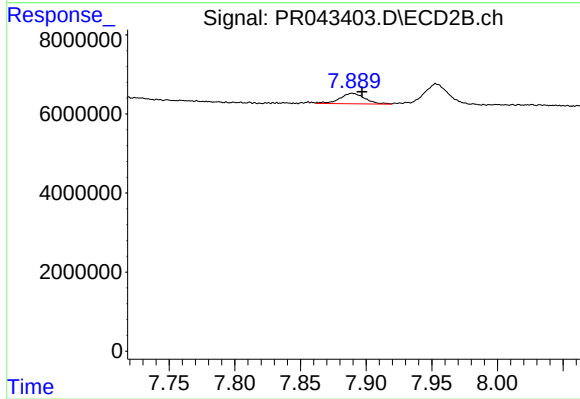
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.007 min
Response: 11711869
Conc: 6.07 ng/ml



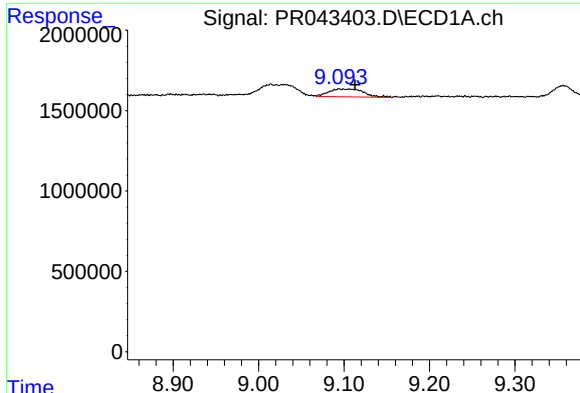
#38 AR-1262-3

R.T.: 9.015 min
Delta R.T.: -0.002 min
Response: 2188586
Conc: 6.58 ng/ml



#38 AR-1262-3

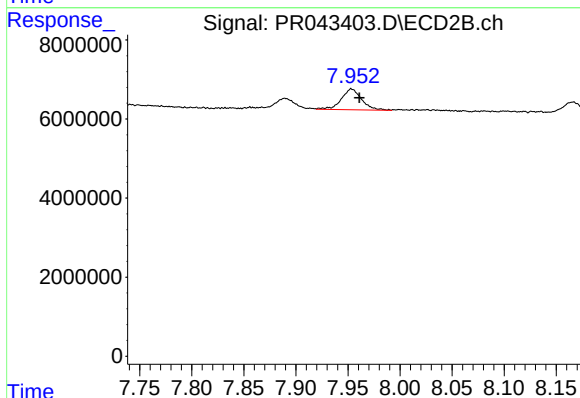
R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 3474776
Conc: 4.68 ng/ml



#39 AR-1262-4

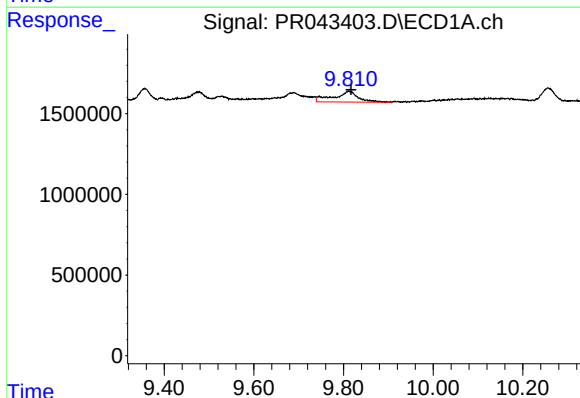
R.T.: 9.105 min
Delta R.T.: -0.008 min
Response: 1393428
Conc: 5.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



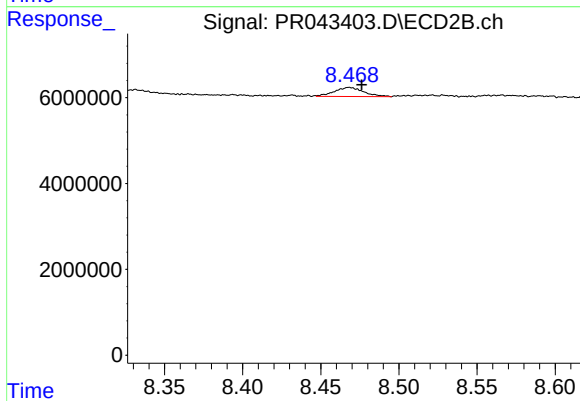
#39 AR-1262-4

R.T.: 7.953 min
Delta R.T.: -0.008 min
Response: 7102985
Conc: 5.50 ng/ml



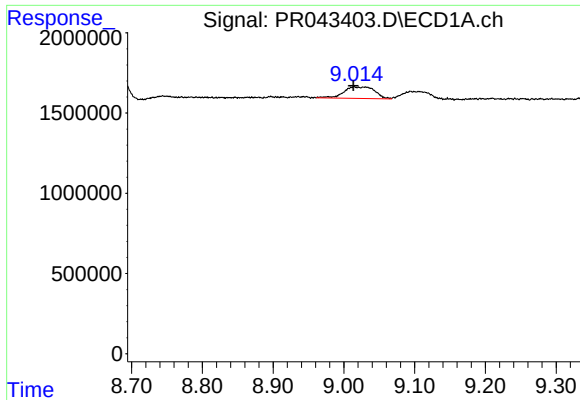
#40 AR-1262-5

R.T.: 9.812 min
Delta R.T.: -0.005 min
Response: 2586988
Conc: 15.30 ng/ml



#40 AR-1262-5

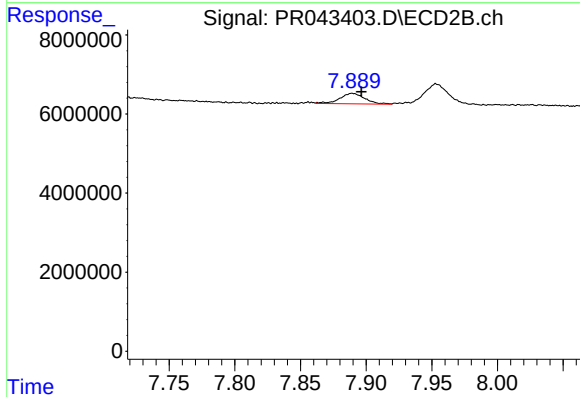
R.T.: 8.468 min
Delta R.T.: -0.008 min
Response: 2794040
Conc: 4.73 ng/ml



#41 AR-1268-1

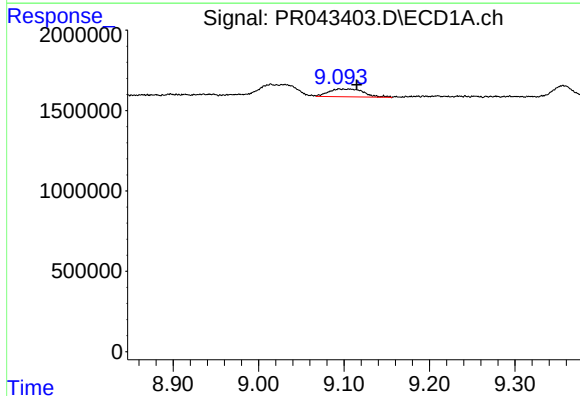
R.T.: 9.015 min
Delta R.T.: 0.001 min
Response: 2188586
Conc: 3.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



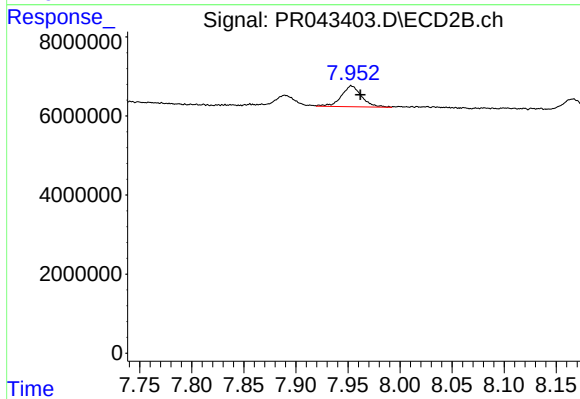
#41 AR-1268-1

R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 3474776
Conc: 1.57 ng/ml



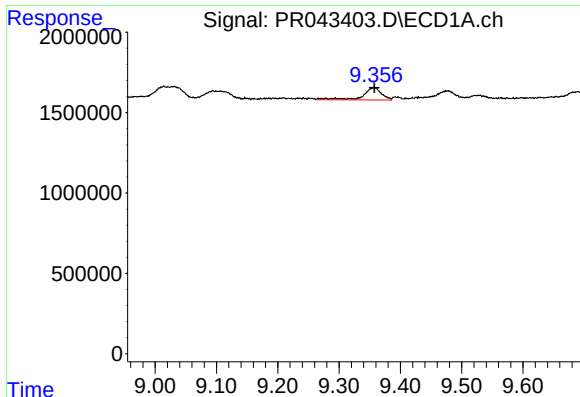
#42 AR-1268-2

R.T.: 9.105 min
Delta R.T.: -0.010 min
Response: 1393428
Conc: 2.64 ng/ml



#42 AR-1268-2

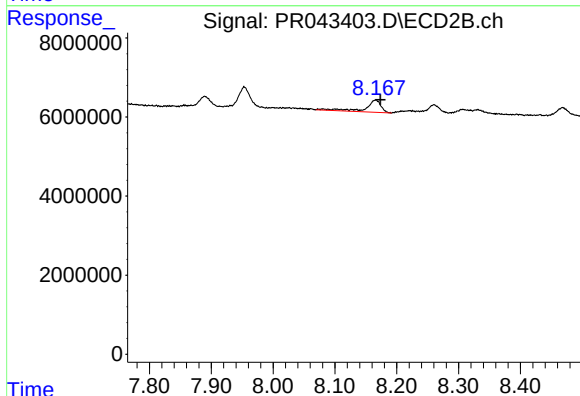
R.T.: 7.953 min
Delta R.T.: -0.008 min
Response: 7102985
Conc: 3.64 ng/ml



#43 AR-1268-3

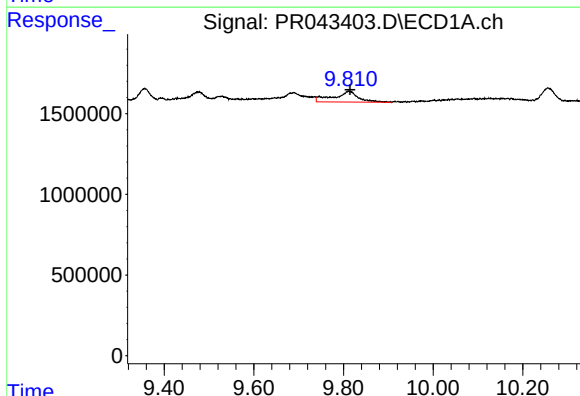
R.T.: 9.357 min
Delta R.T.: 0.000 min
Response: 1635147
Conc: 3.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



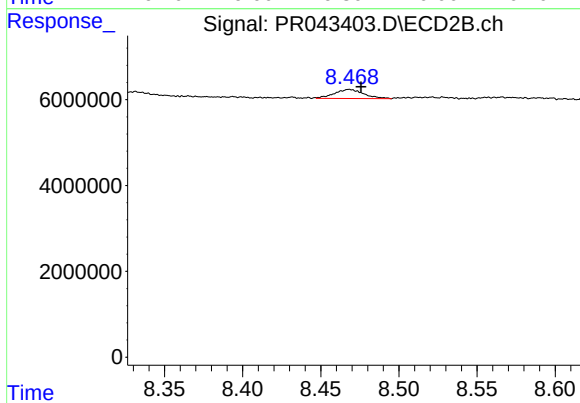
#43 AR-1268-3

R.T.: 8.166 min
Delta R.T.: -0.007 min
Response: 5508110
Conc: 3.32 ng/ml



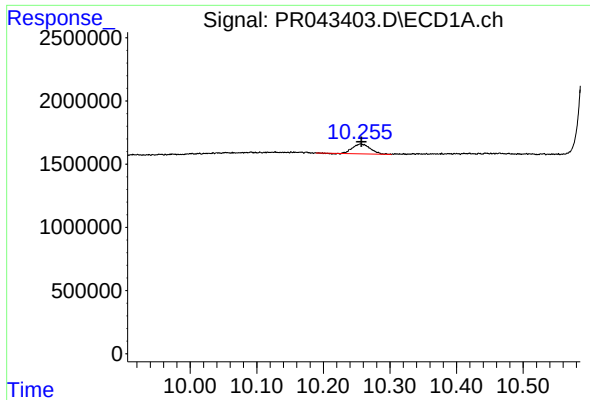
#44 AR-1268-4

R.T.: 9.812 min
Delta R.T.: -0.003 min
Response: 2586988
Conc: 13.72 ng/ml



#44 AR-1268-4

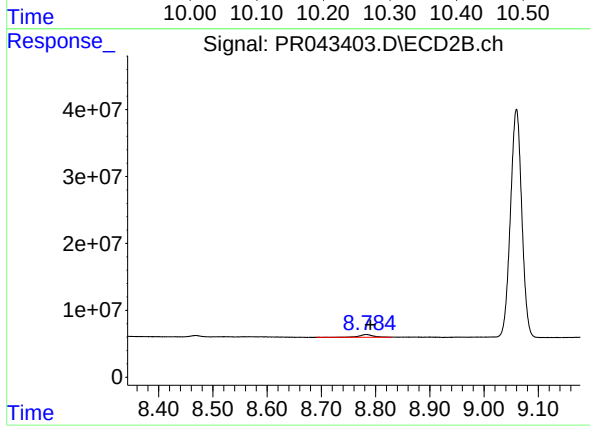
R.T.: 8.468 min
Delta R.T.: -0.007 min
Response: 2794040
Conc: 4.21 ng/ml



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 1431487
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248356



#45 AR-1268-5

R.T.: 8.783 min
Delta R.T.: -0.007 min
Response: 7778907
Conc: 1.65 ng/ml