

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112119\
 Data File : PR043356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 12:23
 Operator : SM\AJ
 Sample : K5825-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0B07MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 16:32:17 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	73878627	224.3E6	13.164	11.610
2)	SA Decachlor...	10.619	9.060	115.9E6	302.9E6	32.177	26.932
Target Compounds							
3)	L1 AR-1016-1	5.885	5.061	84236343	190.7E6	449.362	321.279 #
4)	L1 AR-1016-2	5.909	5.081	98781282	252.7E6	375.840	315.418
5)	L1 AR-1016-3	5.972	5.259	61826684	131.3E6	395.190	345.721
6)	L1 AR-1016-4	6.069	5.298	80592876	95858777	619.009	341.046 #
7)	L1 AR-1016-5	6.366	5.515	52540563	100.3E6	406.906	316.184
8)	L2 AR-1221-1	4.908	4.177	6234281	21141562	115.166	108.380
9)	L2 AR-1221-2	5.005	4.265	9575769	32120992	249.358	239.439
10)	L2 AR-1221-3	5.083	4.343	34159612	107.1E6	267.745	234.744
11)	L3 AR-1232-1	5.083	4.343	34159612	107.1E6	309.291	271.256
12)	L3 AR-1232-2	5.618	5.081	50530754	252.7E6	885.784	685.715
13)	L3 AR-1232-3	5.909	5.259	98781282	131.3E6	861.191	759.641
14)	L3 AR-1232-4	6.069	5.343	80592876	99929262	1415.023	747.804 #
15)	L3 AR-1232-5	6.159	5.515	44121275	100.3E6	1028.612	735.750 #
16)	L4 AR-1242-1	5.885	5.061	84236343	190.7E6	574.341	416.338 #
17)	L4 AR-1242-2	5.909	5.081	98781282	252.7E6	485.993	412.690
18)	L4 AR-1242-3	5.972	5.259	61826684	131.3E6	502.612	449.501
19)	L4 AR-1242-4	6.069	5.343	80592876	99929262	792.639	396.454 #
20)	L4 AR-1242-5	6.809	5.869	10590500	92952688	97.967	312.808 #
21)	L5 AR-1248-1	5.885	5.061	84236343	190.7E6	734.367	512.064 #
22)	L5 AR-1248-2	6.159	5.298	44121275	95858777	280.973	249.438
23)	L5 AR-1248-3	6.366	5.343	52540563	99929262	300.411	264.272
24)	L5 AR-1248-4	6.770	5.515	7283352	100.3E6	36.750	240.704 #
25)	L5 AR-1248-5	6.809	5.925	10590500	10924055	56.757	24.795 #
26)	L6 AR-1254-1	6.743	5.869	39738218	92952688	206.578	148.877 #
27)	L6 AR-1254-2	6.959	6.015	42053070	87439143	142.590	155.665
28)	L6 AR-1254-3	7.330	6.435	27343386	222.0E6	88.724	227.290 #
29)	L6 AR-1254-4	7.615	6.674	18373120	131.5E6	81.331	183.958 #
30)	L6 AR-1254-5	8.035	7.067	137.3E6	366.4E6	587.886	443.106
31)	L7 AR-1260-1	7.492	6.551	94058698	242.4E6	419.064	370.133
32)	L7 AR-1260-2	7.747	6.738	111.3E6	358.5E6	419.491	392.621
33)	L7 AR-1260-3	8.108	6.893	69847001	305.2E6	352.247	397.962
34)	L7 AR-1260-4	8.347	7.365	89176461	206.0E6	390.100	325.513
35)	L7 AR-1260-5	8.684	7.605	171.1E6	589.7E6	373.568	333.814
36)	L8 AR-1262-1	8.168	7.067	38657033	366.4E6	338.409	777.613 #
37)	L8 AR-1262-2	8.684	7.605	171.1E6	589.7E6	328.463	305.855
38)	L8 AR-1262-3	9.036	7.890	109.5E6	118.1E6	329.076	159.253 #
39)	L8 AR-1262-4	9.092	7.954	57637642	404.4E6	235.252	313.281 #
40)	L8 AR-1262-5	9.814	8.469	42498197	113.1E6	251.415	191.604
41)	L9 AR-1268-1	9.036	7.890	109.5E6	118.1E6	187.290	53.313 #

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 Operator : SM\AJ
 Sample : K5825-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

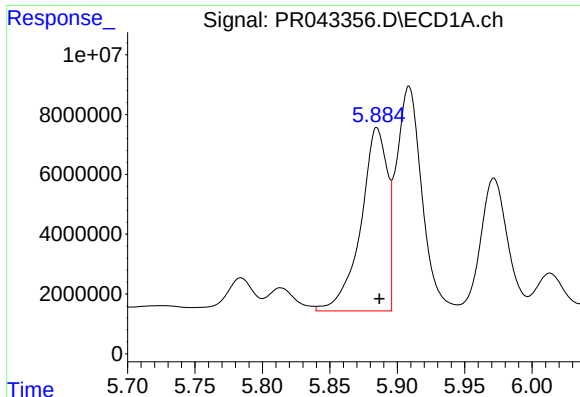
Instrument :
 ECD_R
 ClientSampleId :
 C0B07MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 16:32:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
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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	9.092	7.954	57637642	404.4E6	109.226	207.108 #
43) L9	AR-1268-3	9.357	8.166	6694278	14141667	15.490	8.530 #
44) L9	AR-1268-4	9.814	8.469	42498197	113.1E6	225.329	170.589
45) L9	AR-1268-5	10.257	8.782	13555501	38258235	9.623	8.123

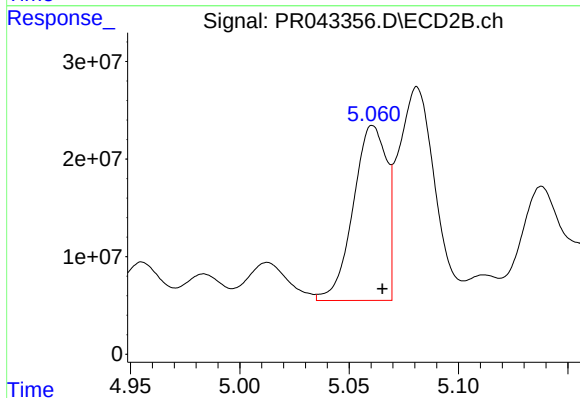
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

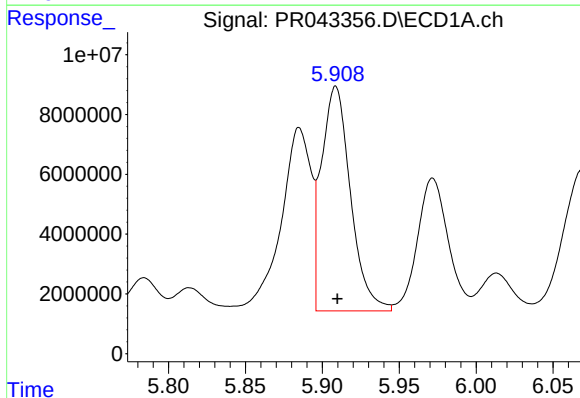
R.T.: 5.885 min
Delta R.T.: -0.002 min
Response: 84236343
Conc: 449.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



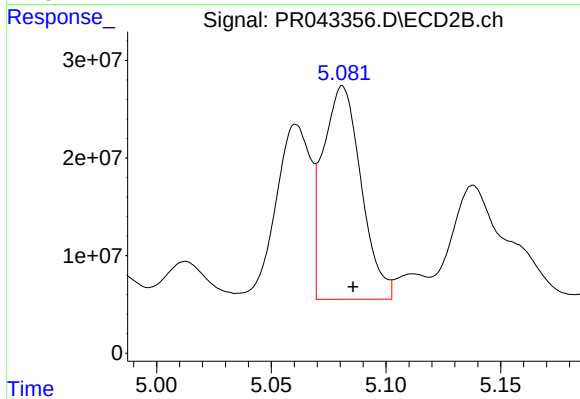
#3 AR-1016-1

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 190670000
Conc: 321.28 ng/ml



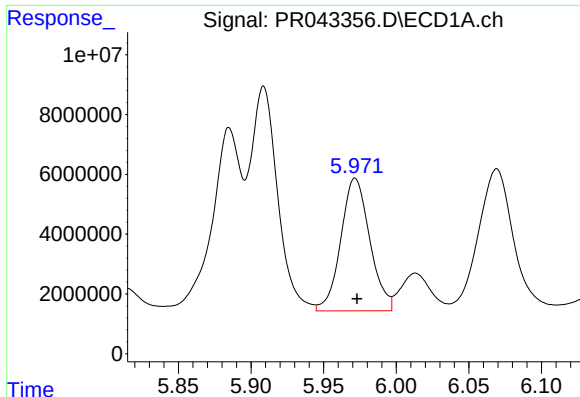
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 98781282
Conc: 375.84 ng/ml



#4 AR-1016-2

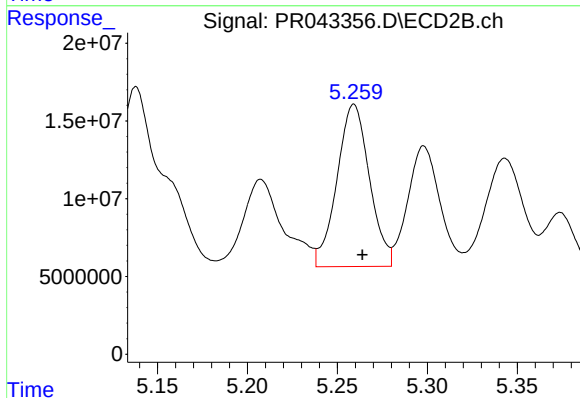
R.T.: 5.081 min
Delta R.T.: -0.005 min
Response: 252725984
Conc: 315.42 ng/ml



#5 AR-1016-3

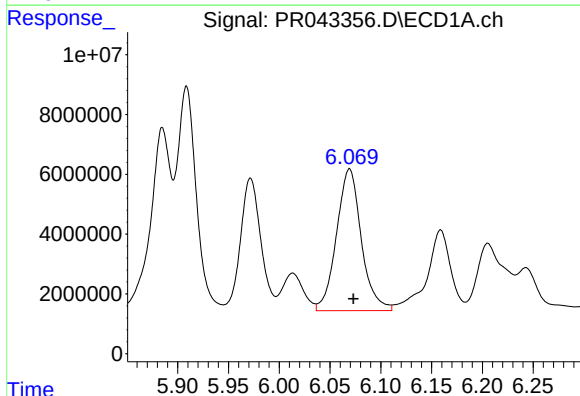
R.T.: 5.972 min
Delta R.T.: -0.001 min
Response: 61826684
Conc: 395.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



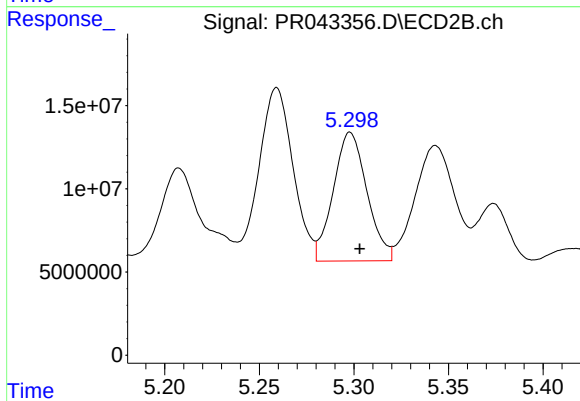
#5 AR-1016-3

R.T.: 5.259 min
Delta R.T.: -0.005 min
Response: 131271305
Conc: 345.72 ng/ml



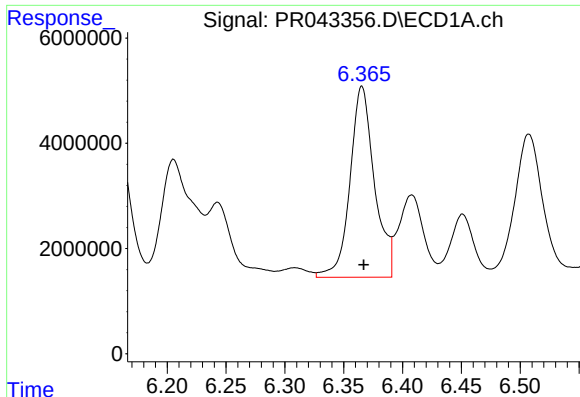
#6 AR-1016-4

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 80592876
Conc: 619.01 ng/ml



#6 AR-1016-4

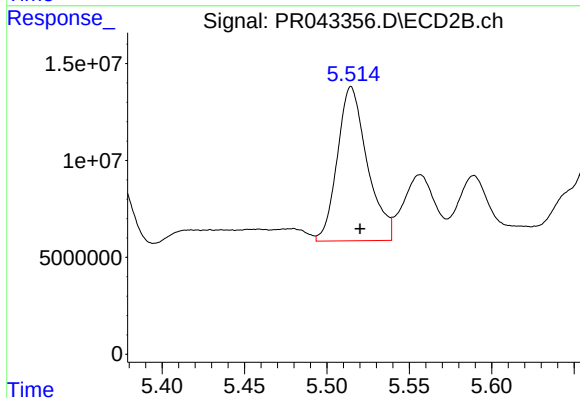
R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 95858777
Conc: 341.05 ng/ml



#7 AR-1016-5

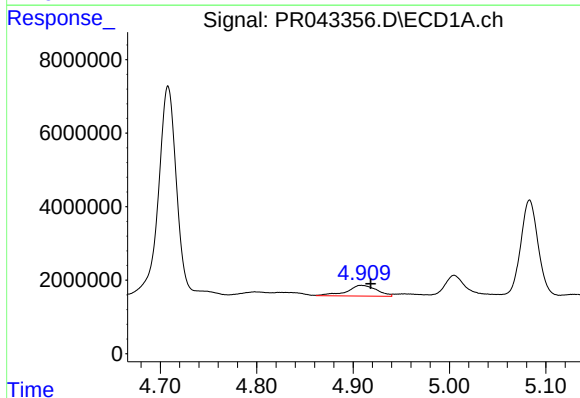
R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 52540563
Conc: 406.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



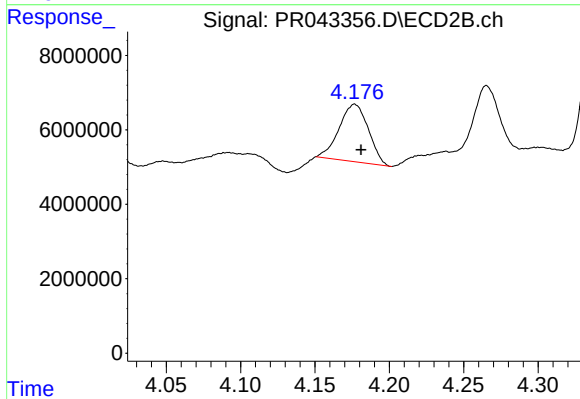
#7 AR-1016-5

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 100264032
Conc: 316.18 ng/ml



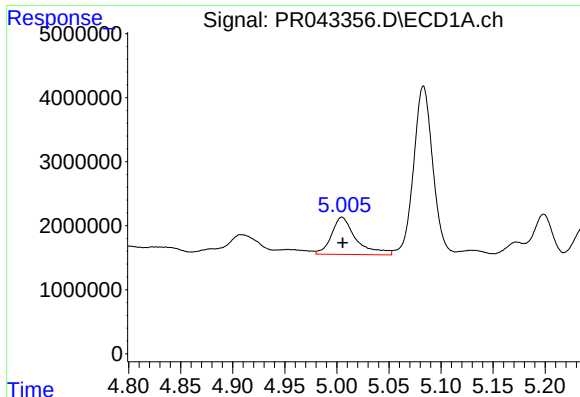
#8 AR-1221-1

R.T.: 4.908 min
Delta R.T.: -0.010 min
Response: 6234281
Conc: 115.17 ng/ml



#8 AR-1221-1

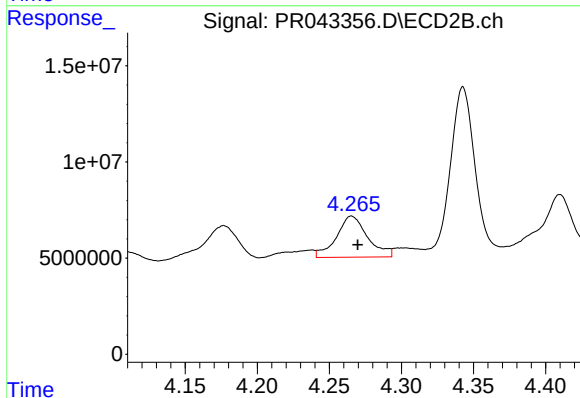
R.T.: 4.177 min
Delta R.T.: -0.004 min
Response: 21141562
Conc: 108.38 ng/ml



#9 AR-1221-2

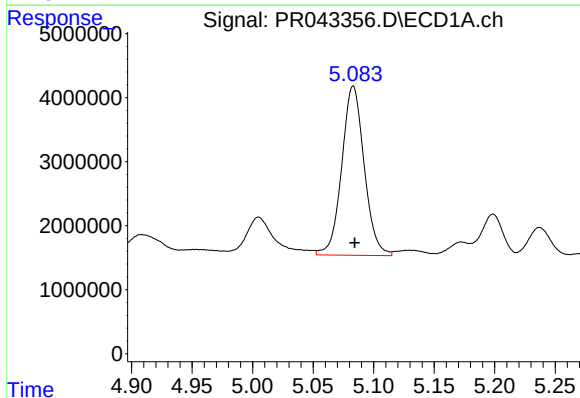
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 9575769
Conc: 249.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



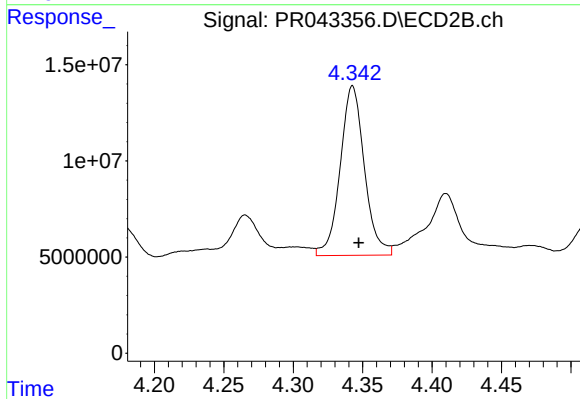
#9 AR-1221-2

R.T.: 4.265 min
Delta R.T.: -0.004 min
Response: 32120992
Conc: 239.44 ng/ml



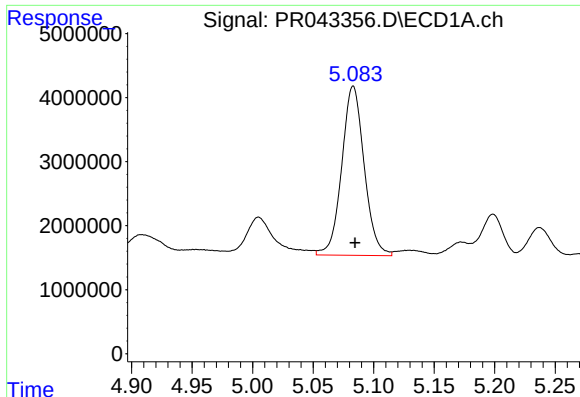
#10 AR-1221-3

R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 34159612
Conc: 267.74 ng/ml



#10 AR-1221-3

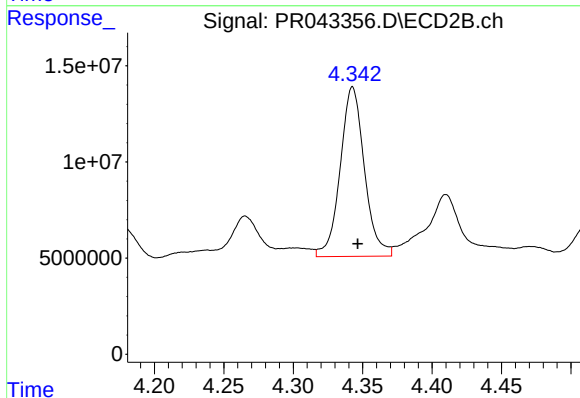
R.T.: 4.343 min
Delta R.T.: -0.005 min
Response: 107066736
Conc: 234.74 ng/ml



#11 AR-1232-1

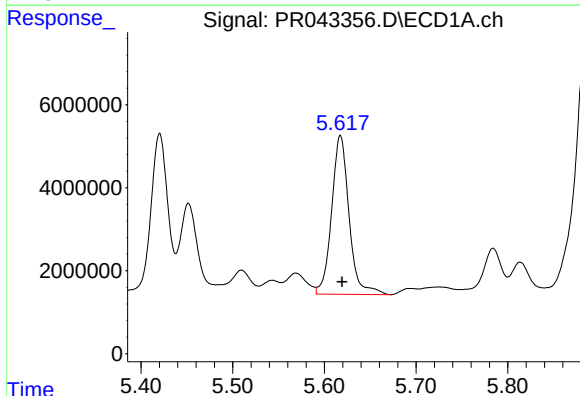
R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 34159612
Conc: 309.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



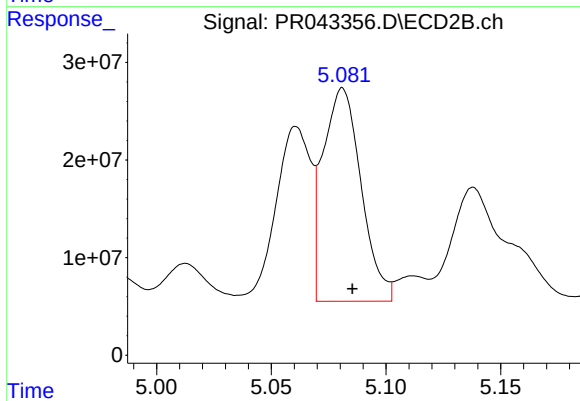
#11 AR-1232-1

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 107066736
Conc: 271.26 ng/ml



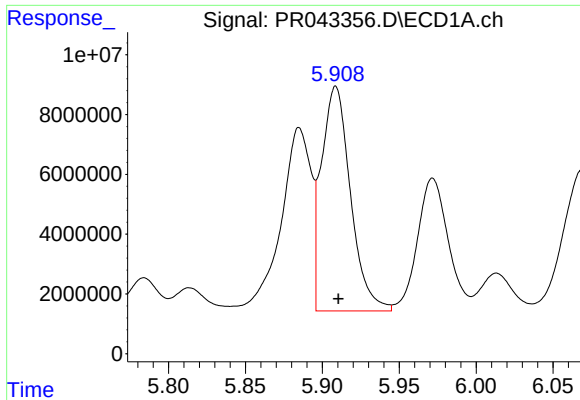
#12 AR-1232-2

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 50530754
Conc: 885.78 ng/ml



#12 AR-1232-2

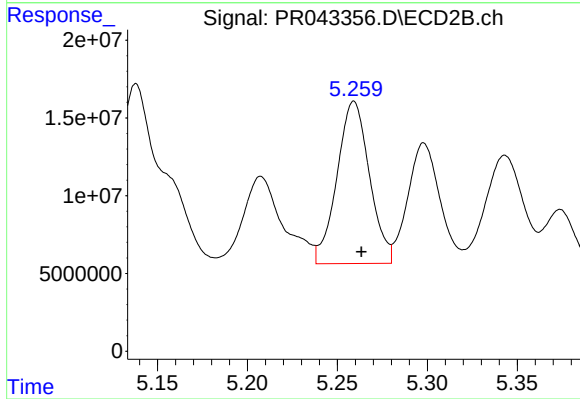
R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 252725984
Conc: 685.72 ng/ml



#13 AR-1232-3

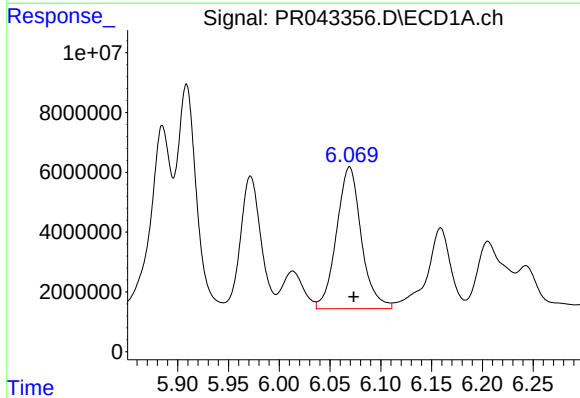
R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 98781282
Conc: 861.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



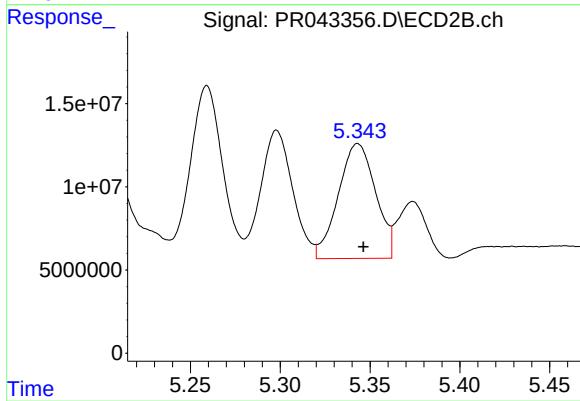
#13 AR-1232-3

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 131271305
Conc: 759.64 ng/ml



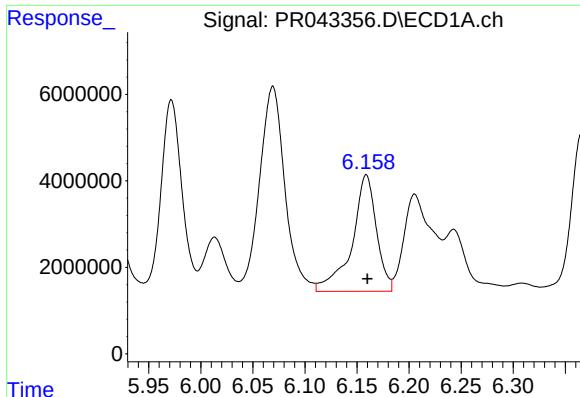
#14 AR-1232-4

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 80592876
Conc: 1415.02 ng/ml



#14 AR-1232-4

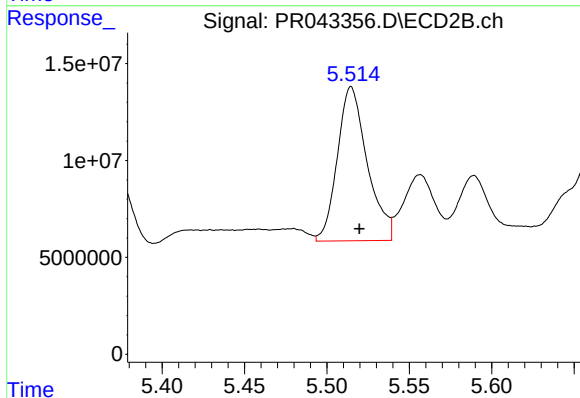
R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 99929262
Conc: 747.80 ng/ml



#15 AR-1232-5

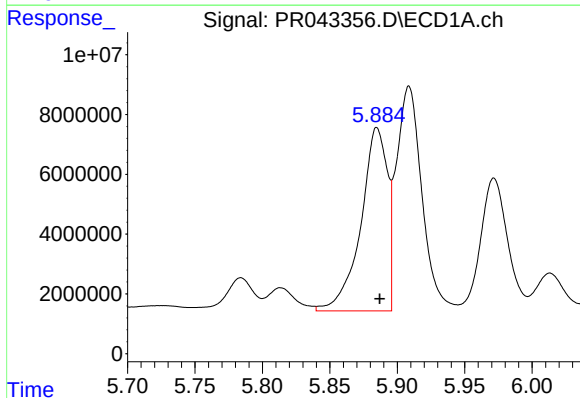
R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 44121275
Conc: 1028.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



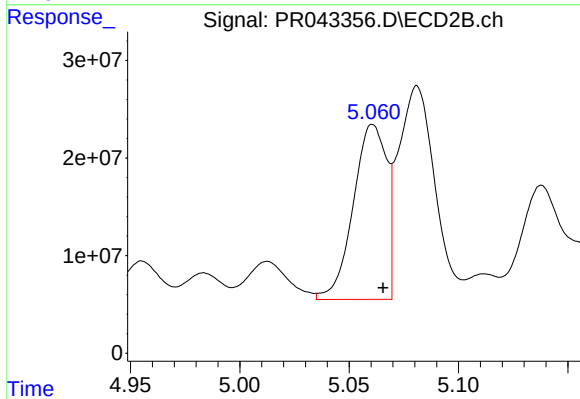
#15 AR-1232-5

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 100264032
Conc: 735.75 ng/ml



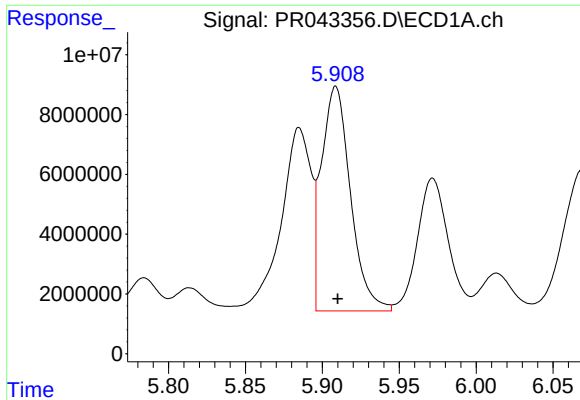
#16 AR-1242-1

R.T.: 5.885 min
Delta R.T.: -0.002 min
Response: 84236343
Conc: 574.34 ng/ml



#16 AR-1242-1

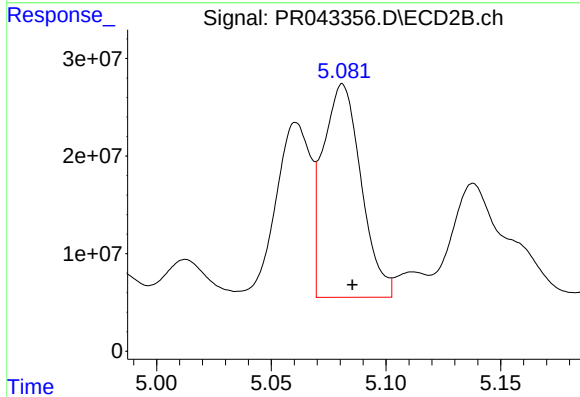
R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 190670000
Conc: 416.34 ng/ml



#17 AR-1242-2

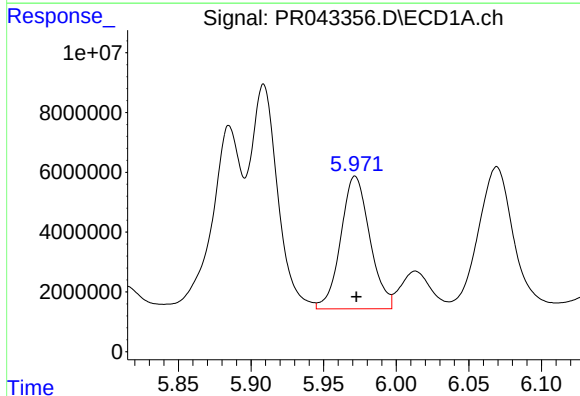
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 98781282
Conc: 485.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



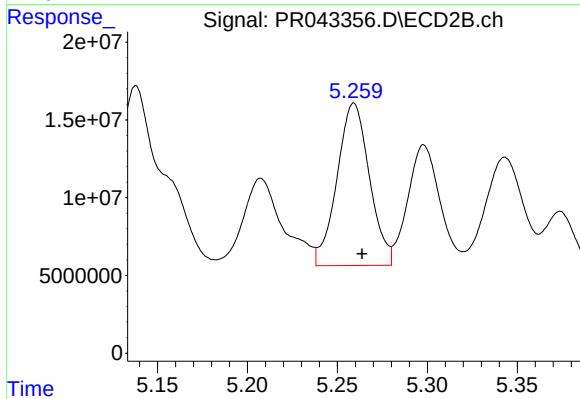
#17 AR-1242-2

R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 252725984
Conc: 412.69 ng/ml



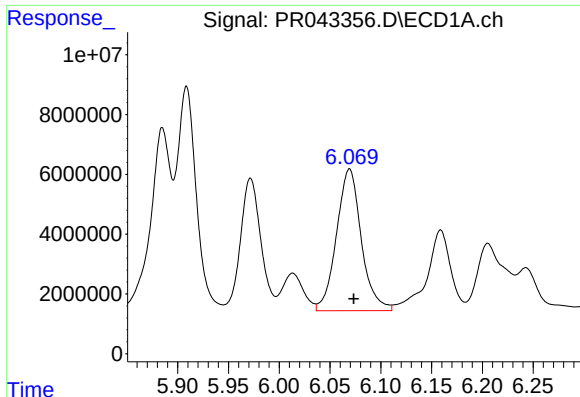
#18 AR-1242-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 61826684
Conc: 502.61 ng/ml



#18 AR-1242-3

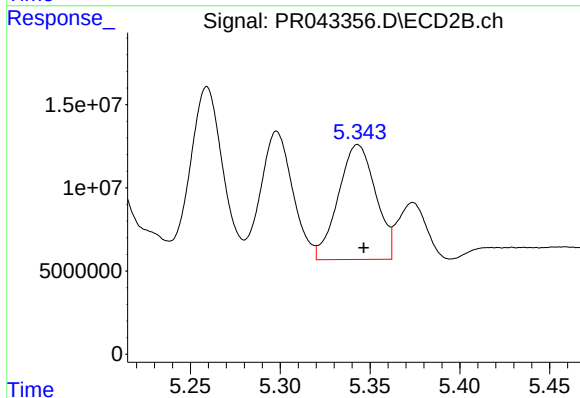
R.T.: 5.259 min
Delta R.T.: -0.005 min
Response: 131271305
Conc: 449.50 ng/ml



#19 AR-1242-4

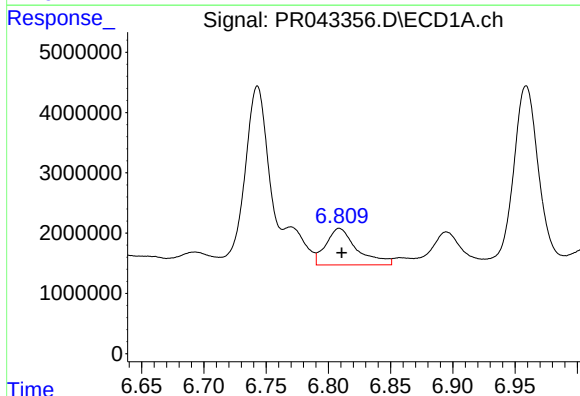
R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 80592876
Conc: 792.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



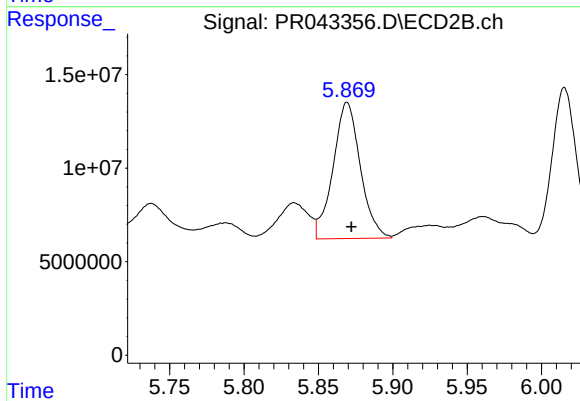
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 99929262
Conc: 396.45 ng/ml



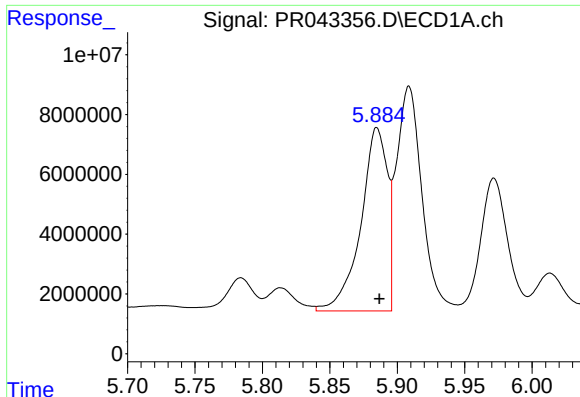
#20 AR-1242-5

R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 10590500
Conc: 97.97 ng/ml



#20 AR-1242-5

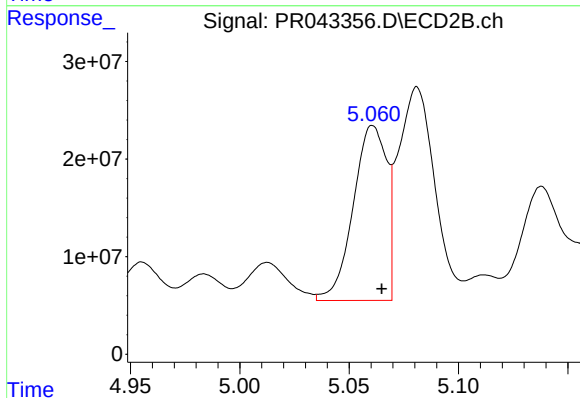
R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 92952688
Conc: 312.81 ng/ml



#21 AR-1248-1

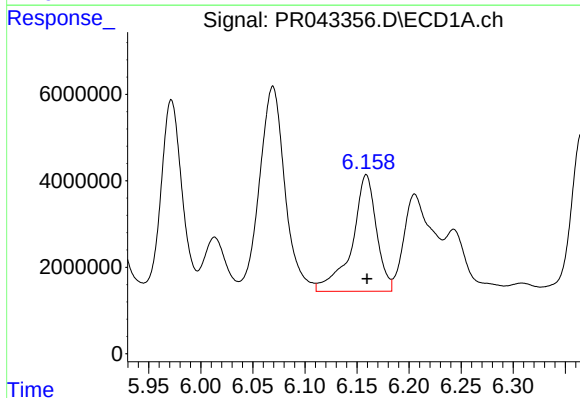
R.T.: 5.885 min
Delta R.T.: -0.002 min
Response: 84236343
Conc: 734.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



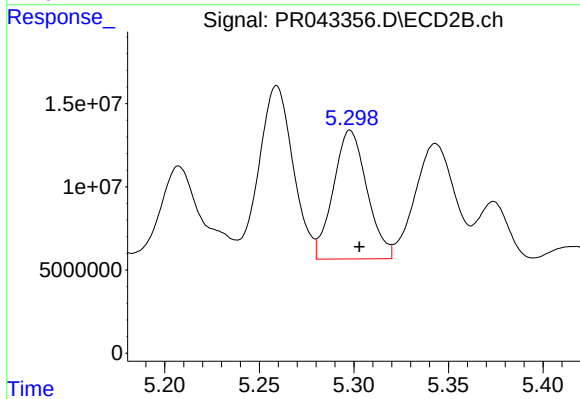
#21 AR-1248-1

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 190670000
Conc: 512.06 ng/ml



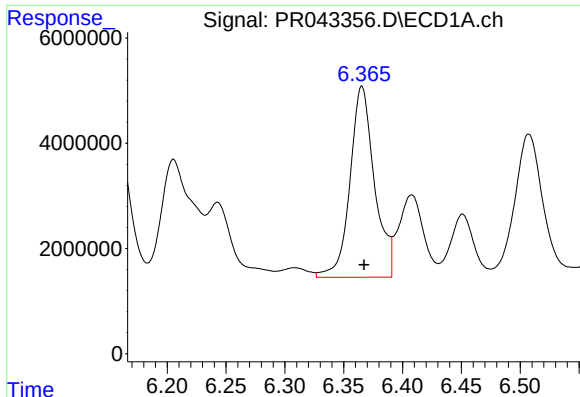
#22 AR-1248-2

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 44121275
Conc: 280.97 ng/ml



#22 AR-1248-2

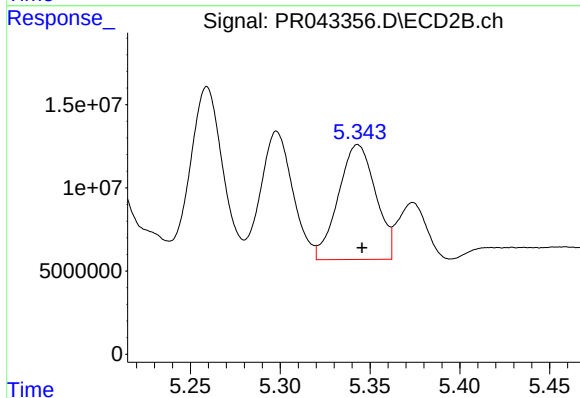
R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 95858777
Conc: 249.44 ng/ml



#23 AR-1248-3

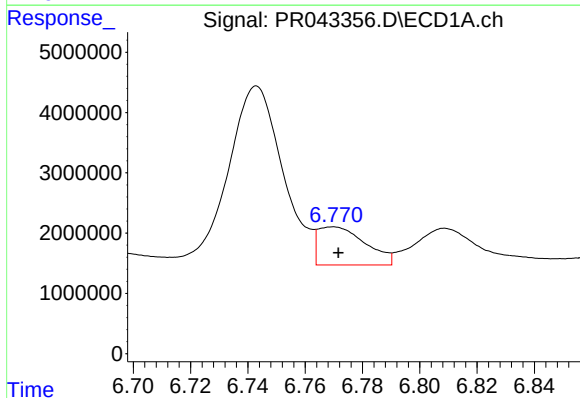
R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 52540563
Conc: 300.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



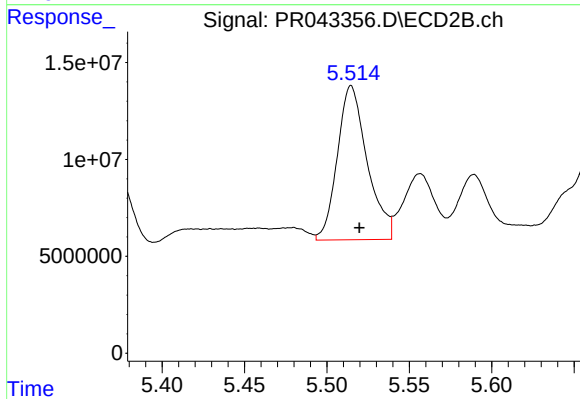
#23 AR-1248-3

R.T.: 5.343 min
Delta R.T.: -0.002 min
Response: 99929262
Conc: 264.27 ng/ml



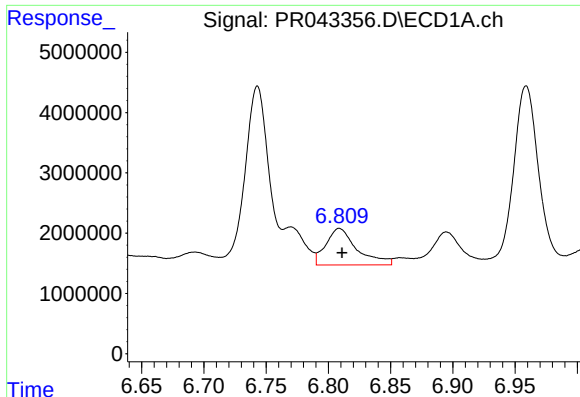
#24 AR-1248-4

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 7283352
Conc: 36.75 ng/ml



#24 AR-1248-4

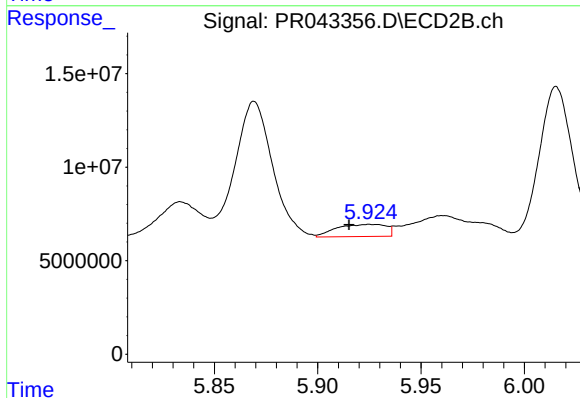
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 100264032
Conc: 240.70 ng/ml



#25 AR-1248-5

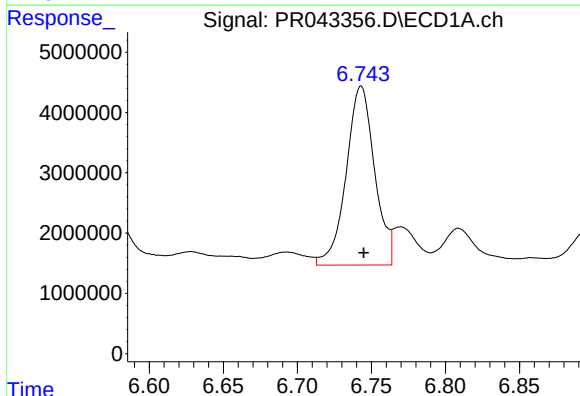
R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 10590500
Conc: 56.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



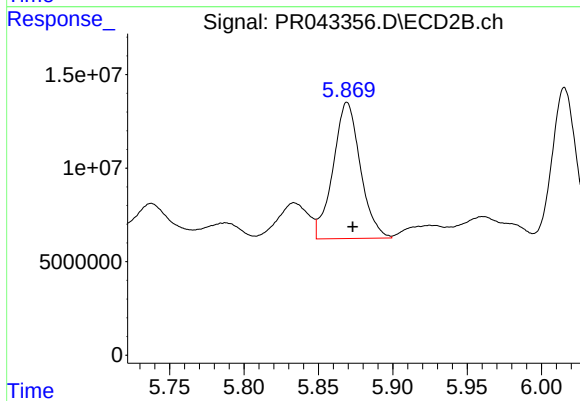
#25 AR-1248-5

R.T.: 5.925 min
Delta R.T.: 0.010 min
Response: 10924055
Conc: 24.80 ng/ml



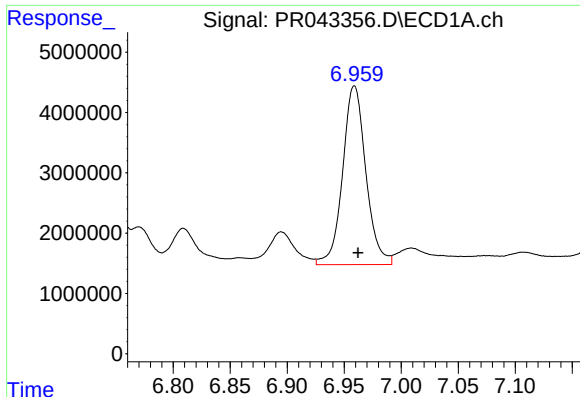
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 39738218
Conc: 206.58 ng/ml



#26 AR-1254-1

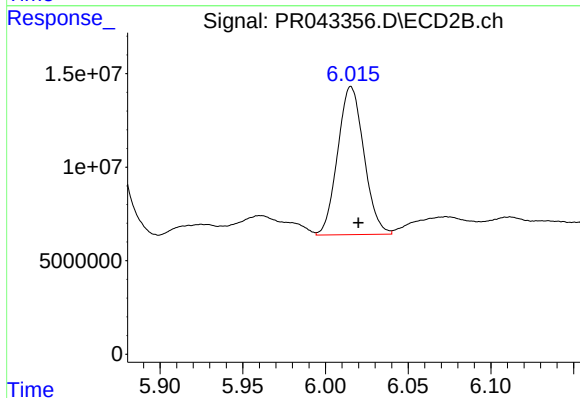
R.T.: 5.869 min
Delta R.T.: -0.004 min
Response: 92952688
Conc: 148.88 ng/ml



#27 AR-1254-2

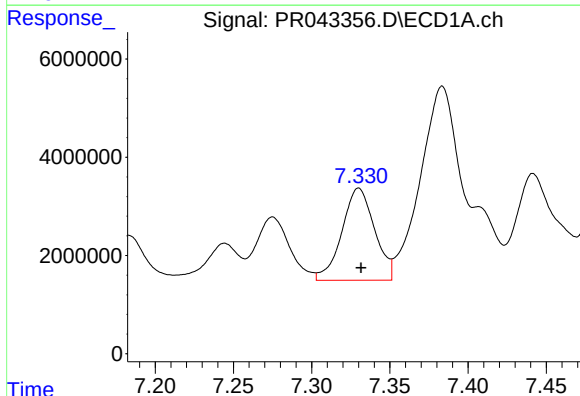
R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 42053070
Conc: 142.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



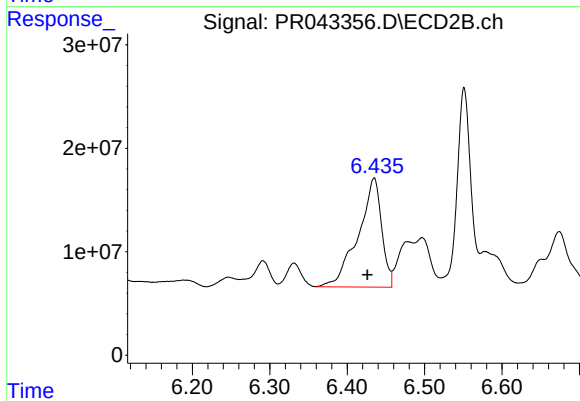
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 87439143
Conc: 155.67 ng/ml



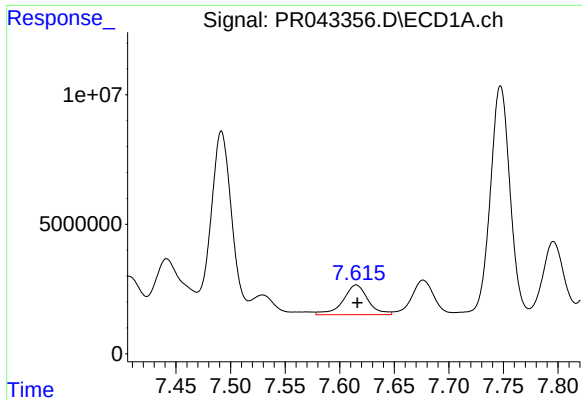
#28 AR-1254-3

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 27343386
Conc: 88.72 ng/ml



#28 AR-1254-3

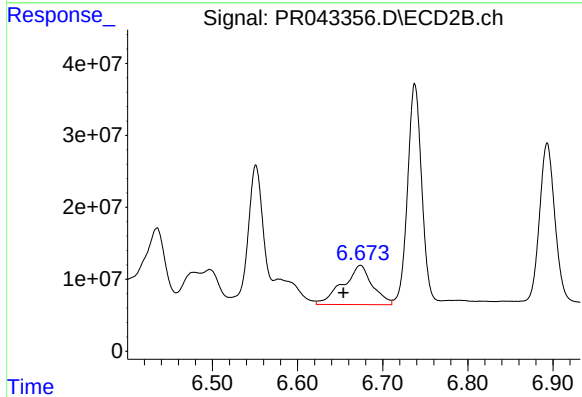
R.T.: 6.435 min
Delta R.T.: 0.009 min
Response: 221978212
Conc: 227.29 ng/ml



#29 AR-1254-4

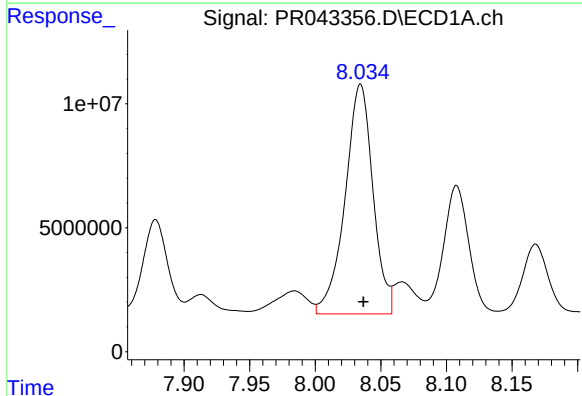
R.T.: 7.615 min
Delta R.T.: -0.001 min
Response: 18373120
Conc: 81.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



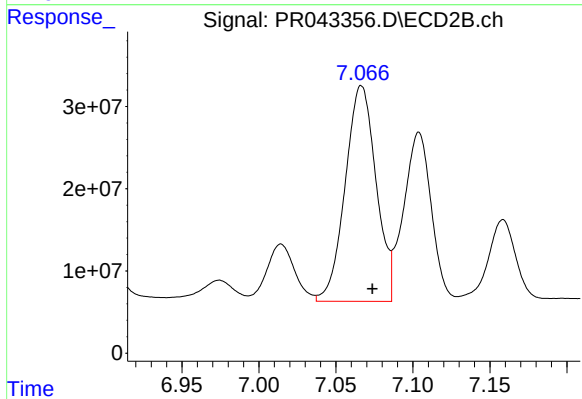
#29 AR-1254-4

R.T.: 6.674 min
Delta R.T.: 0.020 min
Response: 131459105
Conc: 183.96 ng/ml



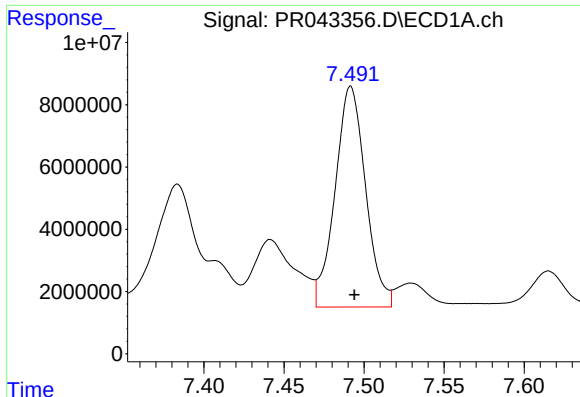
#30 AR-1254-5

R.T.: 8.035 min
Delta R.T.: -0.002 min
Response: 137315157
Conc: 587.89 ng/ml



#30 AR-1254-5

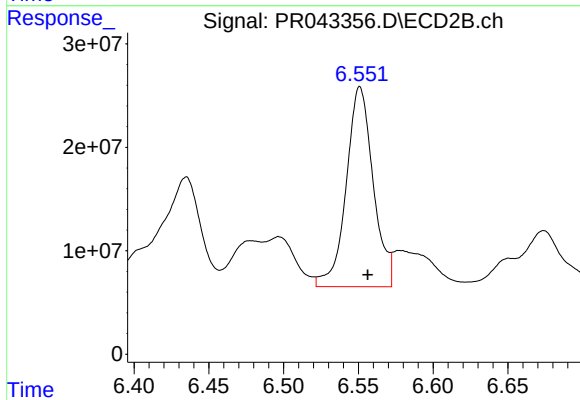
R.T.: 7.067 min
Delta R.T.: -0.007 min
Response: 366402939
Conc: 443.11 ng/ml



#31 AR-1260-1

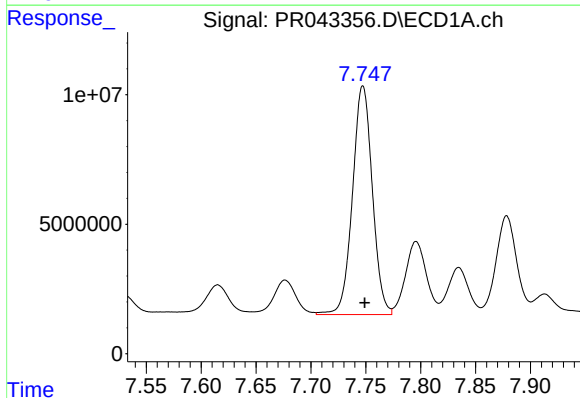
R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 94058698
Conc: 419.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



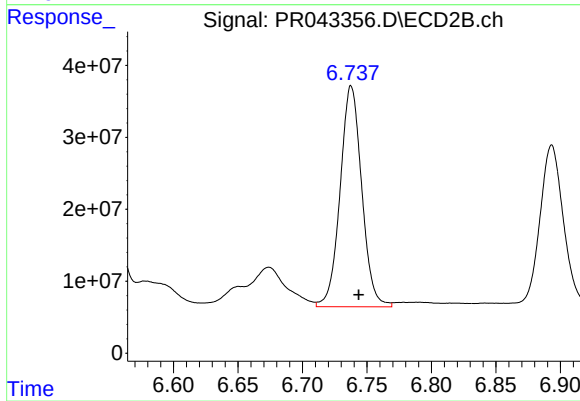
#31 AR-1260-1

R.T.: 6.551 min
Delta R.T.: -0.005 min
Response: 242423196
Conc: 370.13 ng/ml



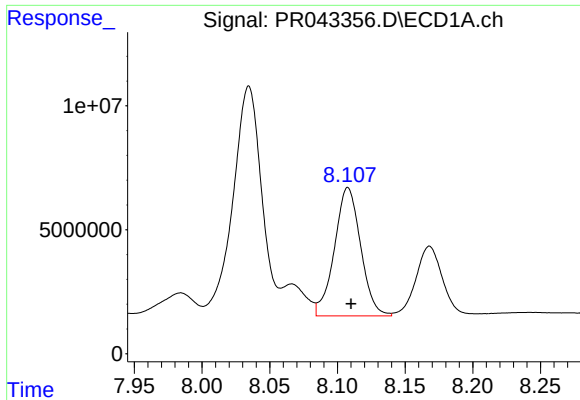
#32 AR-1260-2

R.T.: 7.747 min
Delta R.T.: -0.002 min
Response: 111280226
Conc: 419.49 ng/ml



#32 AR-1260-2

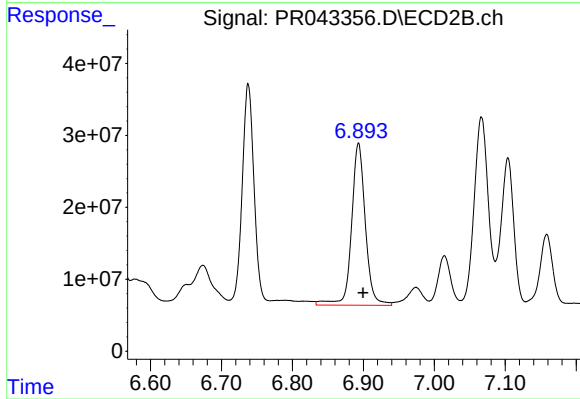
R.T.: 6.738 min
Delta R.T.: -0.006 min
Response: 358531531
Conc: 392.62 ng/ml



#33 AR-1260-3

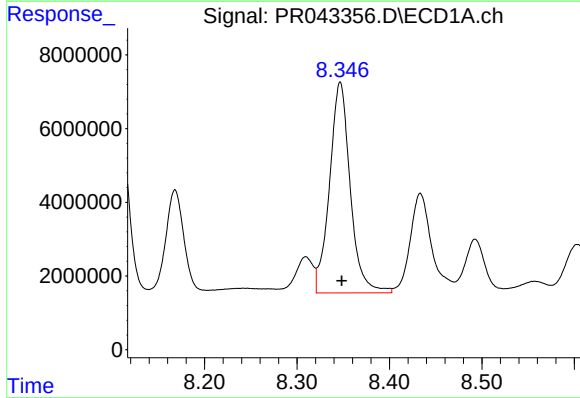
R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 69847001
Conc: 352.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



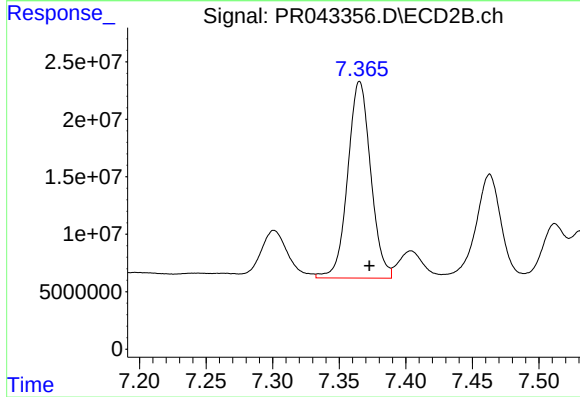
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.006 min
Response: 305188988
Conc: 397.96 ng/ml



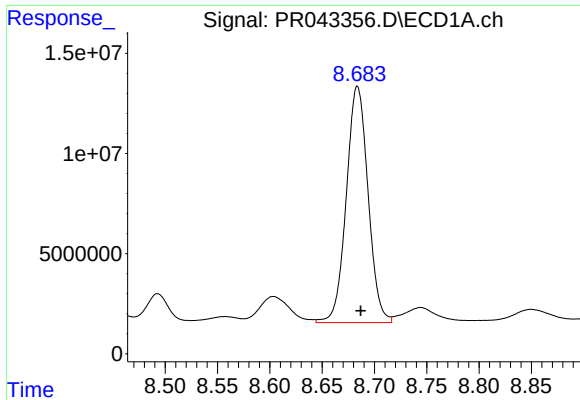
#34 AR-1260-4

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 89176461
Conc: 390.10 ng/ml



#34 AR-1260-4

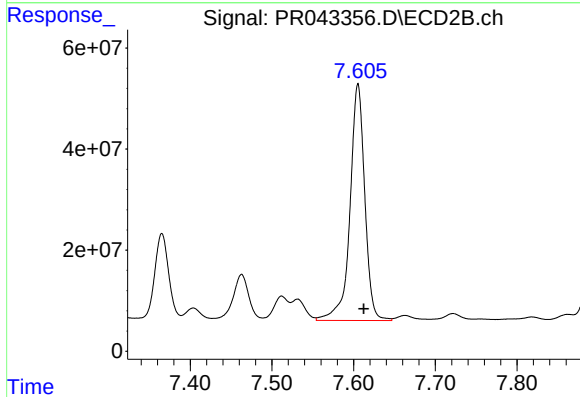
R.T.: 7.365 min
Delta R.T.: -0.007 min
Response: 205956356
Conc: 325.51 ng/ml



#35 AR-1260-5

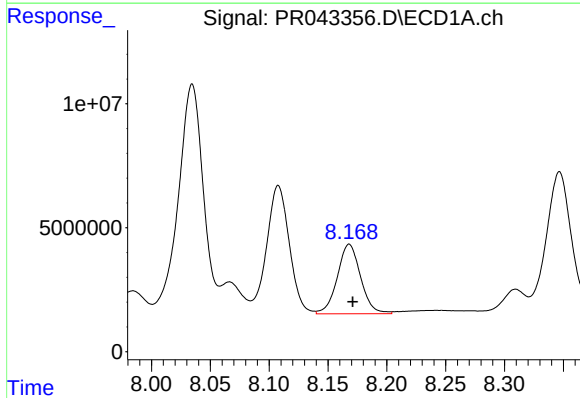
R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 171098850
Conc: 373.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



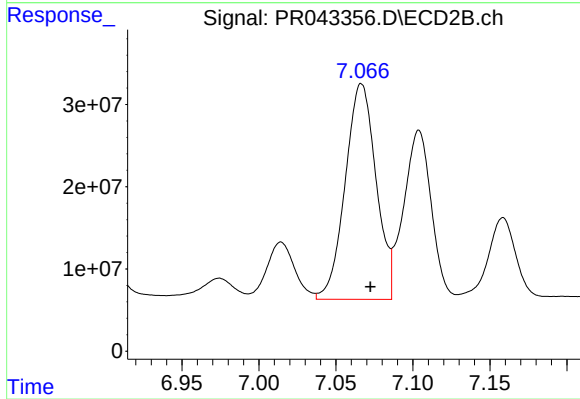
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.007 min
Response: 589712655
Conc: 333.81 ng/ml



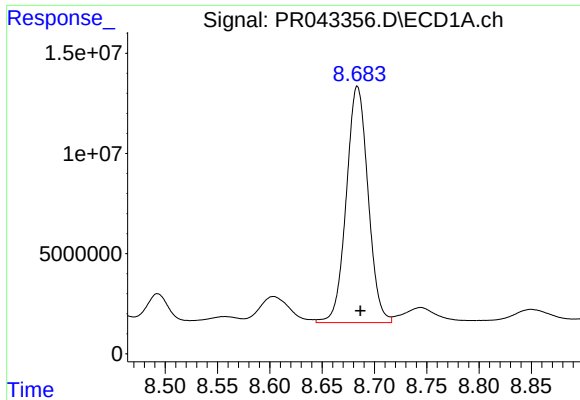
#36 AR-1262-1

R.T.: 8.168 min
Delta R.T.: -0.003 min
Response: 38657033
Conc: 338.41 ng/ml



#36 AR-1262-1

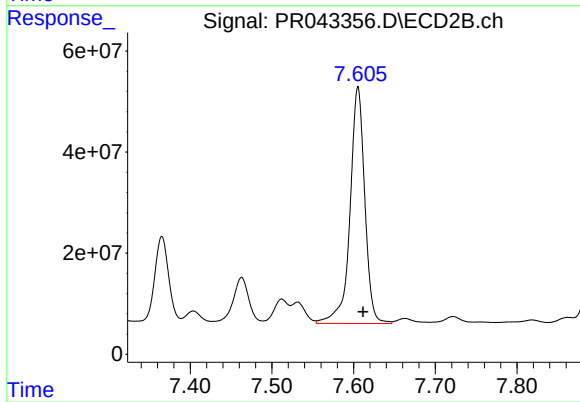
R.T.: 7.067 min
Delta R.T.: -0.006 min
Response: 366402939
Conc: 777.61 ng/ml



#37 AR-1262-2

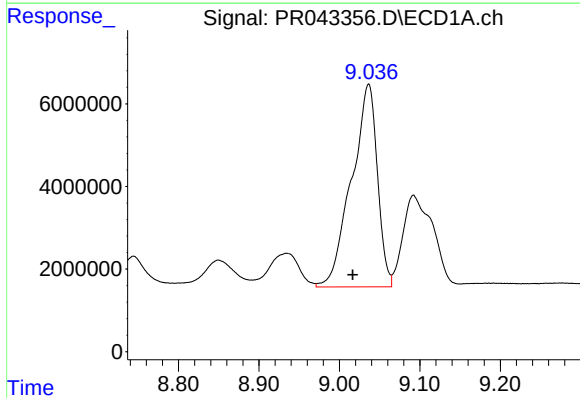
R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 171098850
Conc: 328.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



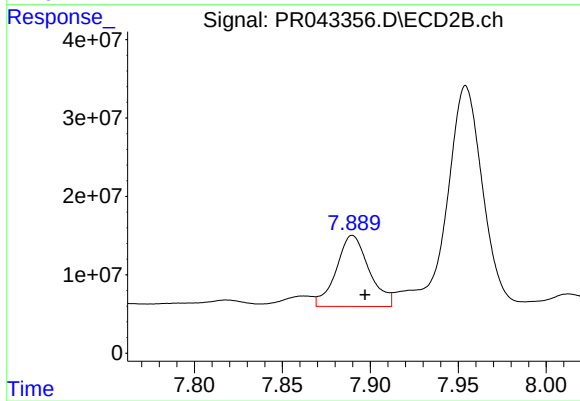
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.006 min
Response: 589712655
Conc: 305.86 ng/ml



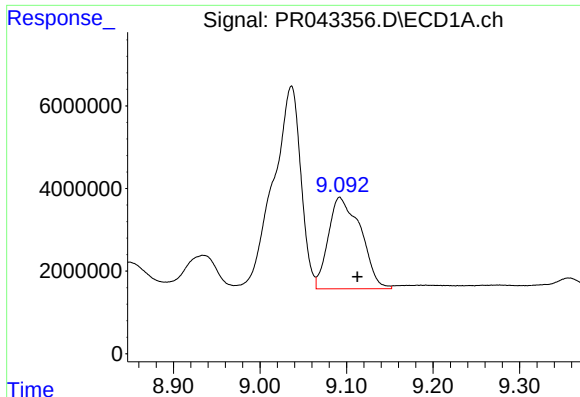
#38 AR-1262-3

R.T.: 9.036 min
Delta R.T.: 0.020 min
Response: 109515958
Conc: 329.08 ng/ml



#38 AR-1262-3

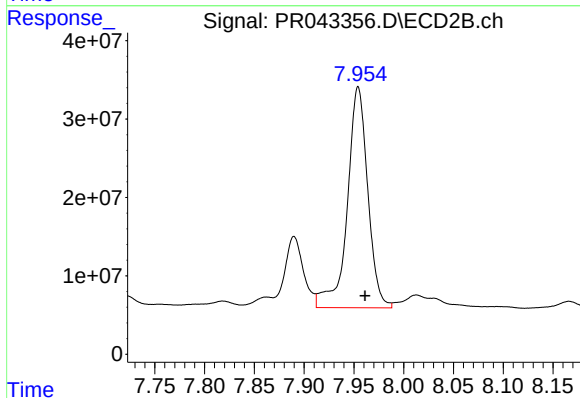
R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 118118480
Conc: 159.25 ng/ml



#39 AR-1262-4

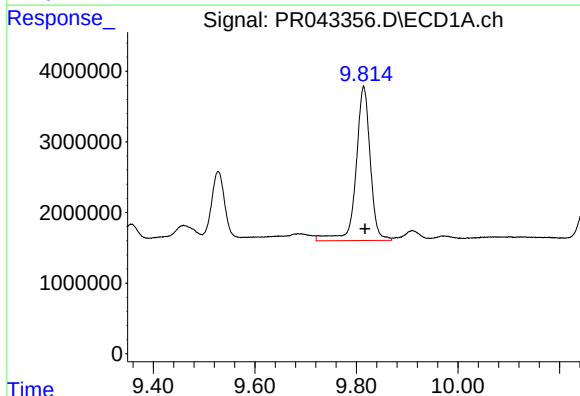
R.T.: 9.092 min
Delta R.T.: -0.021 min
Response: 57637642
Conc: 235.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



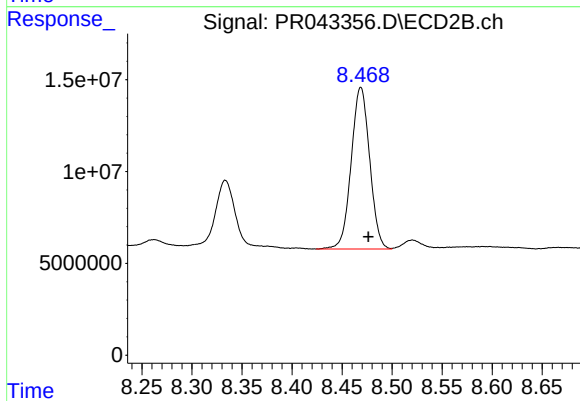
#39 AR-1262-4

R.T.: 7.954 min
Delta R.T.: -0.007 min
Response: 404393451
Conc: 313.28 ng/ml



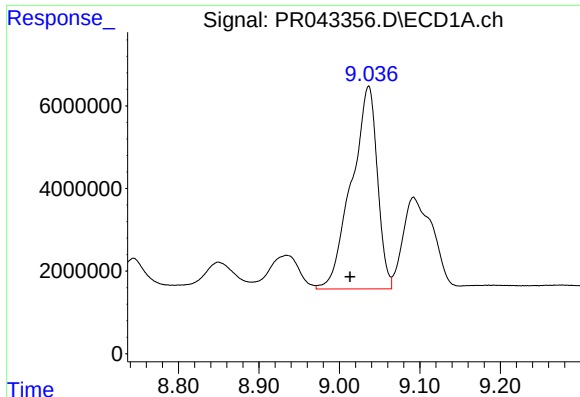
#40 AR-1262-5

R.T.: 9.814 min
Delta R.T.: -0.002 min
Response: 42498197
Conc: 251.42 ng/ml



#40 AR-1262-5

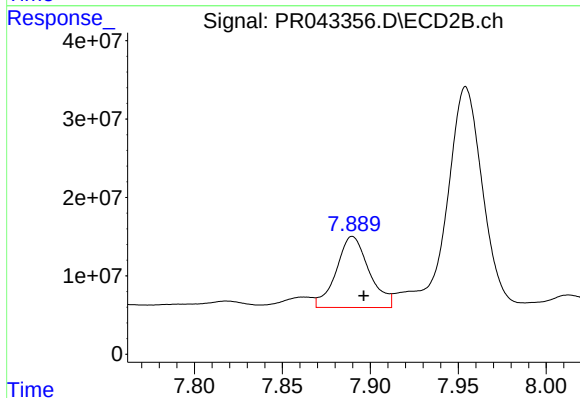
R.T.: 8.469 min
Delta R.T.: -0.008 min
Response: 113135388
Conc: 191.60 ng/ml



#41 AR-1268-1

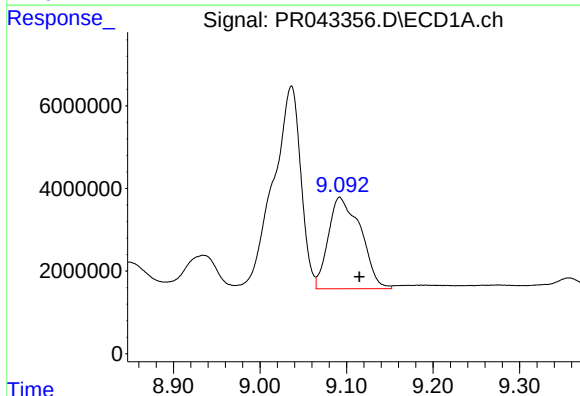
R.T.: 9.036 min
Delta R.T.: 0.023 min
Response: 109515958
Conc: 187.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



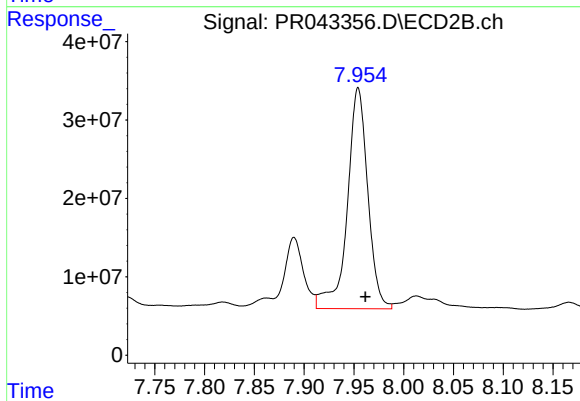
#41 AR-1268-1

R.T.: 7.890 min
Delta R.T.: -0.006 min
Response: 118118480
Conc: 53.31 ng/ml



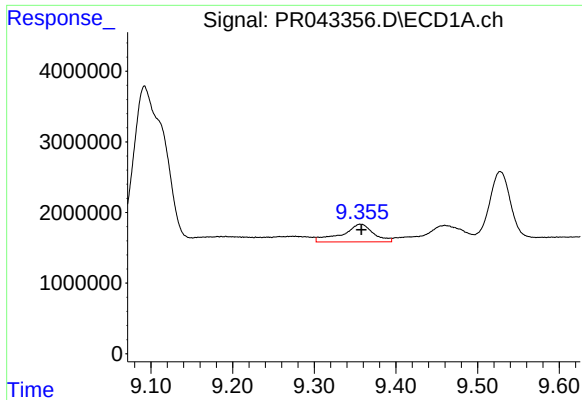
#42 AR-1268-2

R.T.: 9.092 min
Delta R.T.: -0.023 min
Response: 57637642
Conc: 109.23 ng/ml



#42 AR-1268-2

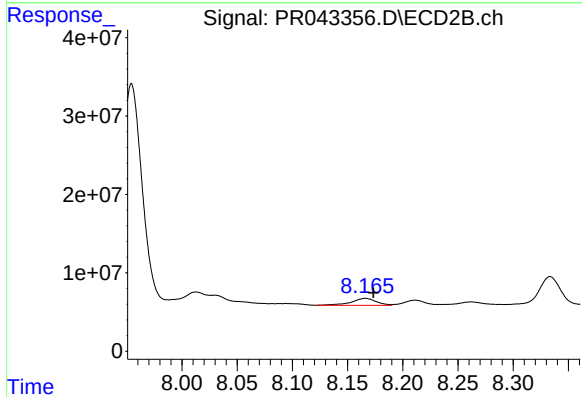
R.T.: 7.954 min
Delta R.T.: -0.007 min
Response: 404393451
Conc: 207.11 ng/ml



#43 AR-1268-3

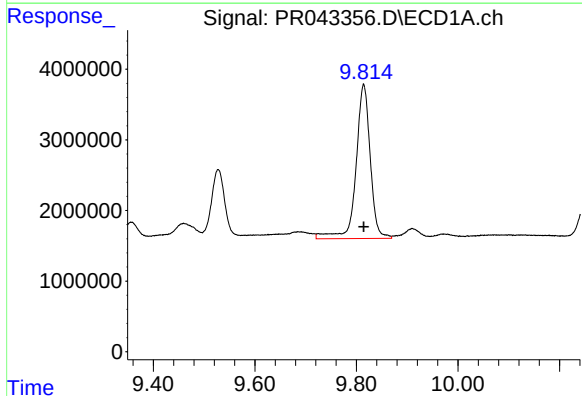
R.T.: 9.357 min
Delta R.T.: 0.000 min
Response: 6694278
Conc: 15.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



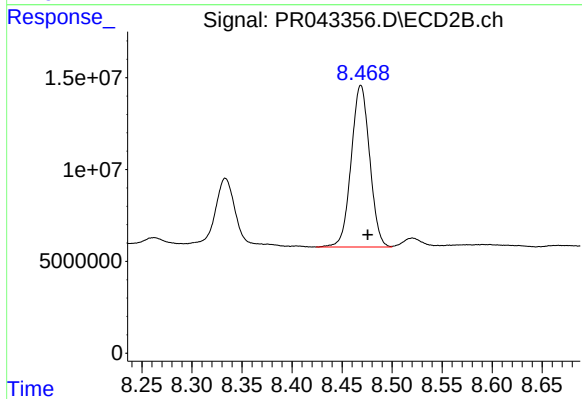
#43 AR-1268-3

R.T.: 8.166 min
Delta R.T.: -0.007 min
Response: 14141667
Conc: 8.53 ng/ml



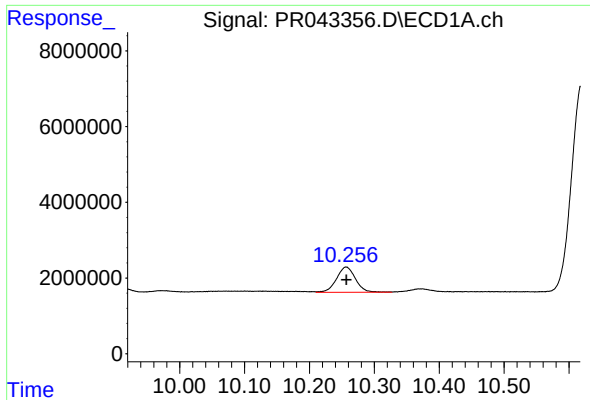
#44 AR-1268-4

R.T.: 9.814 min
Delta R.T.: 0.000 min
Response: 42498197
Conc: 225.33 ng/ml



#44 AR-1268-4

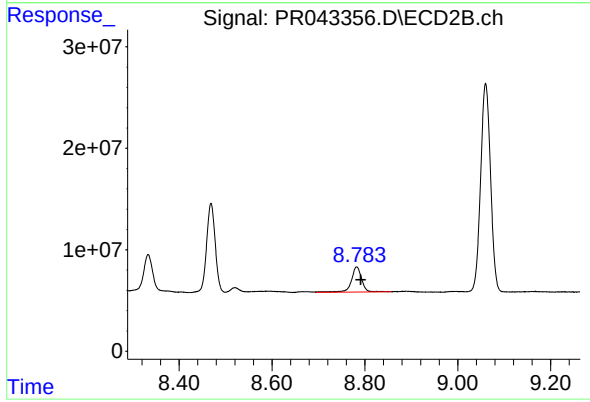
R.T.: 8.469 min
Delta R.T.: -0.007 min
Response: 113135388
Conc: 170.59 ng/ml



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 13555501
Conc: 9.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B07MSD



#45 AR-1268-5

R.T.: 8.782 min
Delta R.T.: -0.008 min
Response: 38258235
Conc: 8.12 ng/ml