

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112019\
 Data File : PR043320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2019 19:49
 Operator : SM\AJ
 Sample : K5914-05MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 JLN4MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 01:01:33 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	87581072	279.9E6	15.605	14.487
2)	SA Decachlor...	10.619	9.060	85062519	224.7E6	23.619	19.976
Target Compounds							
3)	L1 AR-1016-1	5.886	5.061	69224686	203.5E6	369.282	342.857
4)	L1 AR-1016-2	5.909	5.081	97650358	273.1E6	371.537	340.824
5)	L1 AR-1016-3	5.972	5.259	59102690	130.8E6	377.779	344.572
6)	L1 AR-1016-4	6.072	5.299	48697824	93458037	374.033	332.504
7)	L1 AR-1016-5	6.366	5.516	47075312	116.7E6	364.580	367.888
8)	L2 AR-1221-1	0.000	4.177	0	19642587	N.D.	100.696 #
9)	L2 AR-1221-2	5.005	4.266	7745661	27307558	201.701	203.559
10)	L2 AR-1221-3	5.083	4.343	33947823	112.4E6	266.085	246.382
11)	L3 AR-1232-1	5.083	4.343	33947823	112.4E6	307.373	284.705
12)	L3 AR-1232-2	5.618	5.081	46835478	273.1E6	821.007	740.948
13)	L3 AR-1232-3	5.909	5.259	97650358	130.8E6	851.332	757.117
14)	L3 AR-1232-4	6.072	5.342	48697824	111.6E6	855.020	835.101
15)	L3 AR-1232-5	6.158	5.516	41359927	116.7E6	964.236	856.063
16)	L4 AR-1242-1	5.886	5.061	69224686	203.5E6	471.988	444.301
17)	L4 AR-1242-2	5.909	5.081	97650358	273.1E6	480.428	445.932
18)	L4 AR-1242-3	5.972	5.259	59102690	130.8E6	480.467	448.007
19)	L4 AR-1242-4	6.072	5.342	48697824	111.6E6	478.948	442.734
20)	L4 AR-1242-5	6.810	5.869	6718016	130.2E6	62.144	438.181 #
21)	L5 AR-1248-1	5.886	5.061	69224686	203.5E6	603.496	546.456
22)	L5 AR-1248-2	6.158	5.299	41359927	93458037	263.388	243.191
23)	L5 AR-1248-3	6.366	5.342	47075312	111.6E6	269.162	295.122
24)	L5 AR-1248-4	6.769	5.516	6731588	116.7E6	33.966	280.065 #
25)	L5 AR-1248-5	6.810	5.909	6718016	39047861	36.003	88.631 #
26)	L6 AR-1254-1	6.743	5.869	37410224	130.2E6	194.476	208.546
27)	L6 AR-1254-2	6.958	6.015	32047996	141.2E6	108.666	251.438 #
28)	L6 AR-1254-3	7.330	6.436	20358950	217.9E6	66.061	223.091 #
29)	L6 AR-1254-4	7.615	6.648	13079039	22924628	57.896	32.080 #
30)	L6 AR-1254-5	8.034	7.067	124.3E6	359.1E6	532.027	434.275
31)	L7 AR-1260-1	7.492	6.551	86055866	230.1E6	383.409	351.296
32)	L7 AR-1260-2	7.747	6.738	101.6E6	343.4E6	383.084	376.069
33)	L7 AR-1260-3	8.108	6.893	61873889	284.7E6	312.038	371.236
34)	L7 AR-1260-4	8.346	7.366	76047446	188.1E6	332.667	297.361
35)	L7 AR-1260-5	8.684	7.606	144.4E6	549.1E6	315.271	310.803
36)	L8 AR-1262-1	8.168	7.067	32790110	359.1E6	287.049	762.115 #
37)	L8 AR-1262-2	8.684	7.606	144.4E6	549.1E6	277.204	284.772
38)	L8 AR-1262-3	9.035	7.890	90398973	95862116	271.632	129.246 #
39)	L8 AR-1262-4	9.092	7.954	46612453	331.7E6	190.252	256.978 #
40)	L8 AR-1262-5	9.813	8.469	30673452	93802268	181.461	158.862
41)	L9 AR-1268-1	9.035	7.890	90398973	95862116	154.597	43.267 #

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 Operator : SM\AJ
 Sample : K5914-05MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

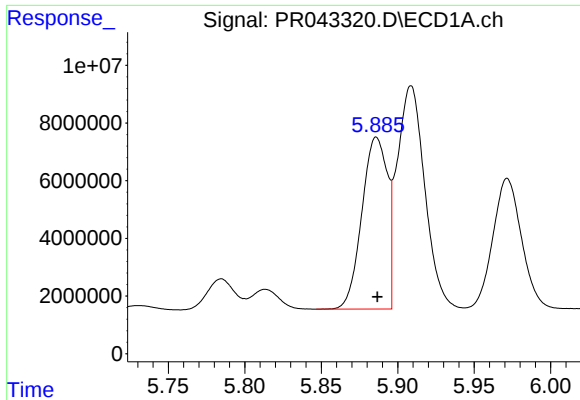
Instrument :
 ECD_R
 ClientSampleId :
 JLN4MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 01:01:33 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	46612453	331.7E6	88.333	169.887 #
43) L9	AR-1268-3	0.000	8.166	0	8881559	N.D.	5.357 #
44) L9	AR-1268-4	9.813	8.469	30673452	93802268	162.633	141.438
45) L9	AR-1268-5	10.256	8.783	9931479	30393056	7.050	6.453

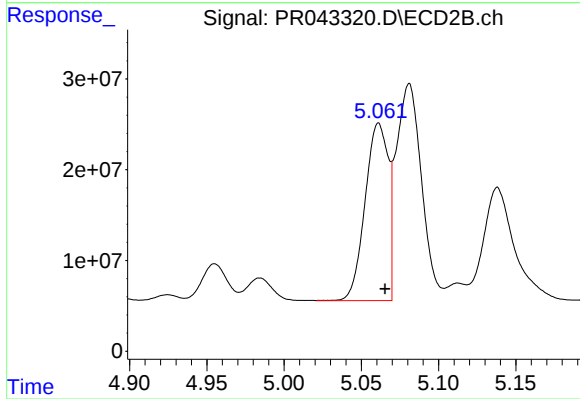
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

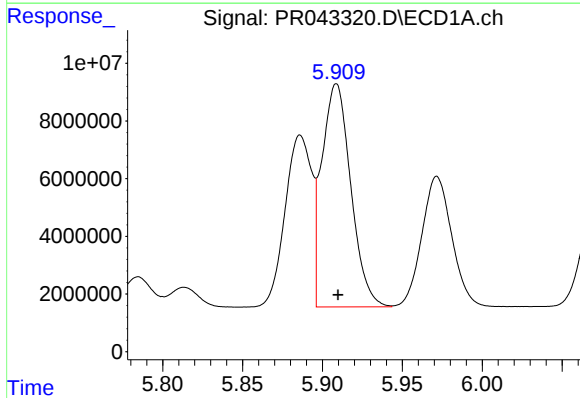
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 69224686
Conc: 369.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



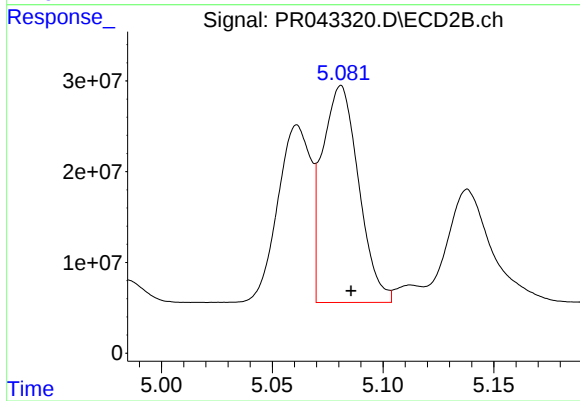
#3 AR-1016-1

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 203476181
Conc: 342.86 ng/ml



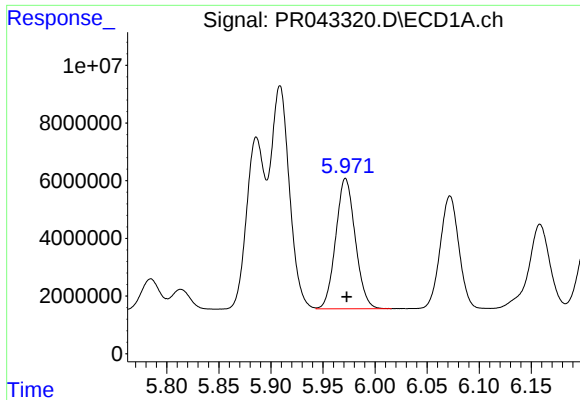
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 97650358
Conc: 371.54 ng/ml



#4 AR-1016-2

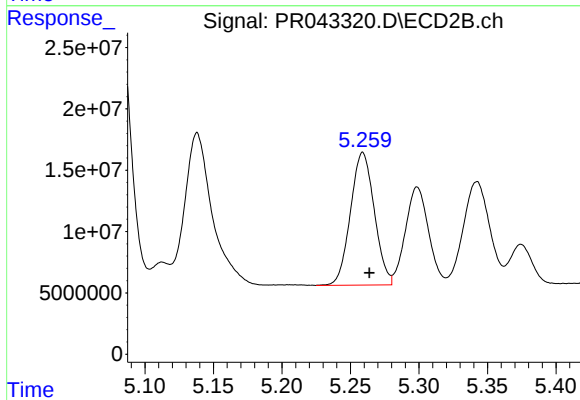
R.T.: 5.081 min
Delta R.T.: -0.005 min
Response: 273082448
Conc: 340.82 ng/ml



#5 AR-1016-3

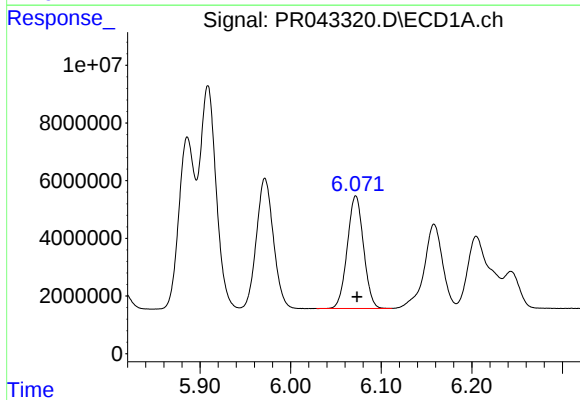
R.T.: 5.972 min
Delta R.T.: -0.001 min
Response: 59102690
Conc: 377.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



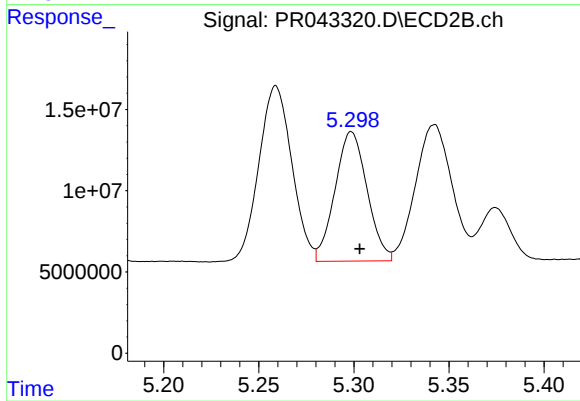
#5 AR-1016-3

R.T.: 5.259 min
Delta R.T.: -0.005 min
Response: 130835232
Conc: 344.57 ng/ml



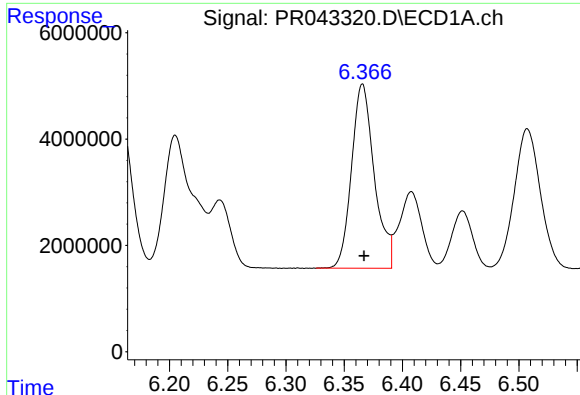
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 48697824
Conc: 374.03 ng/ml



#6 AR-1016-4

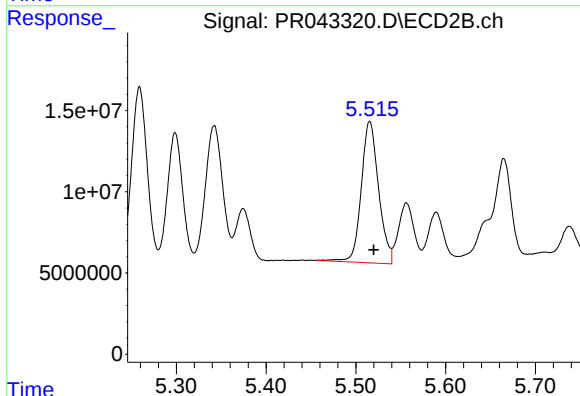
R.T.: 5.299 min
Delta R.T.: -0.004 min
Response: 93458037
Conc: 332.50 ng/ml



#7 AR-1016-5

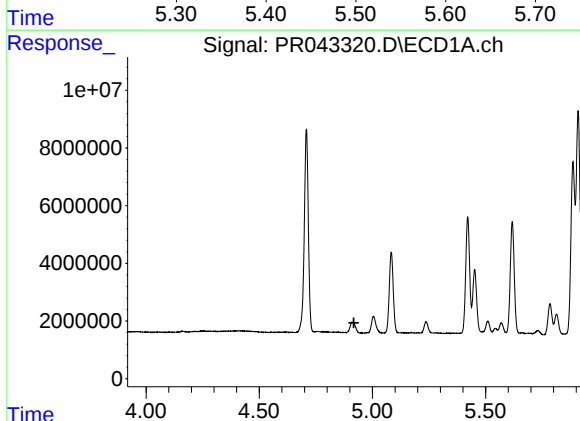
R.T.: 6.366 min
Delta R.T.: -0.001 min
Response: 47075312
Conc: 364.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



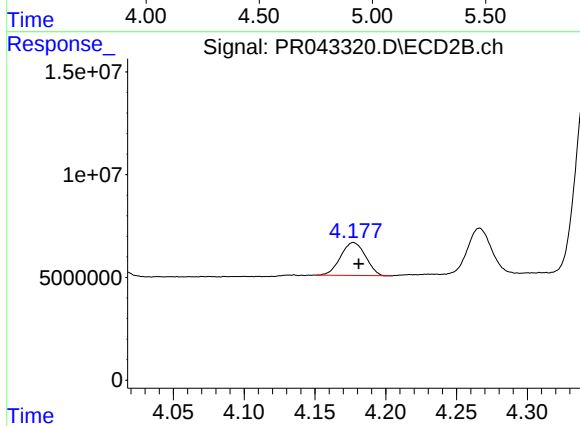
#7 AR-1016-5

R.T.: 5.516 min
Delta R.T.: -0.005 min
Response: 116659685
Conc: 367.89 ng/ml



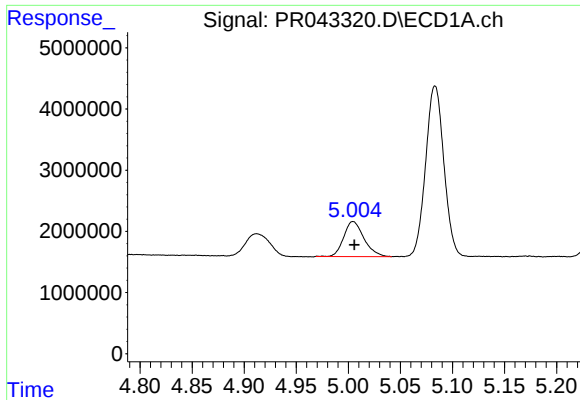
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.918 min
Response: 0
Conc: N.D.



#8 AR-1221-1

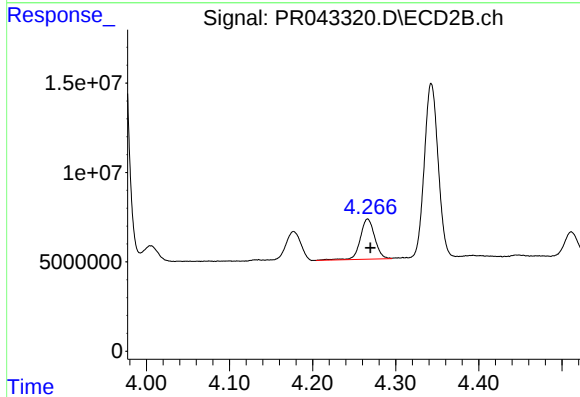
R.T.: 4.177 min
Delta R.T.: -0.004 min
Response: 19642587
Conc: 100.70 ng/ml



#9 AR-1221-2

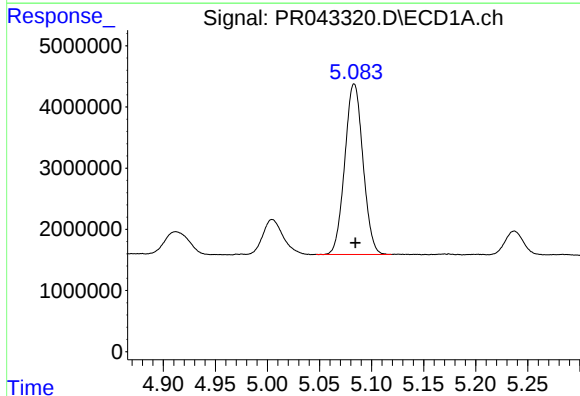
R.T.: 5.005 min
Delta R.T.: -0.001 min
Response: 7745661
Conc: 201.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



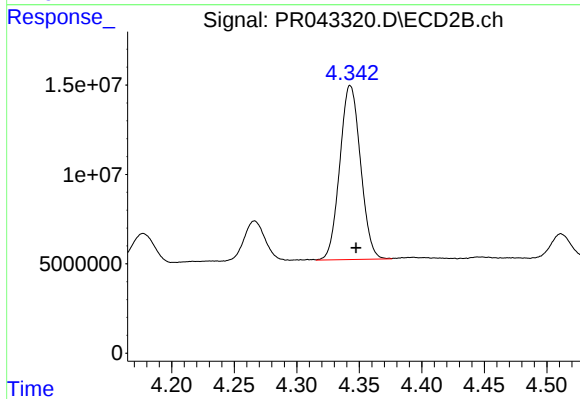
#9 AR-1221-2

R.T.: 4.266 min
Delta R.T.: -0.003 min
Response: 27307558
Conc: 203.56 ng/ml



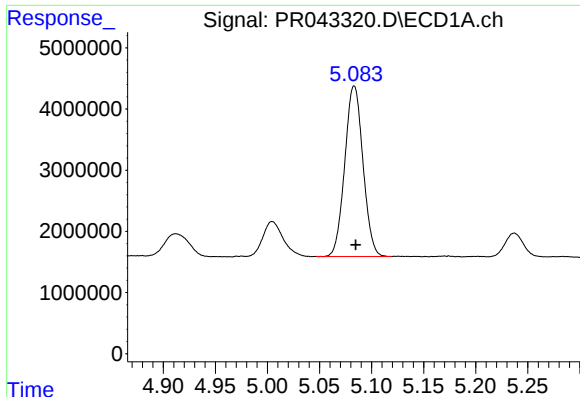
#10 AR-1221-3

R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 33947823
Conc: 266.08 ng/ml



#10 AR-1221-3

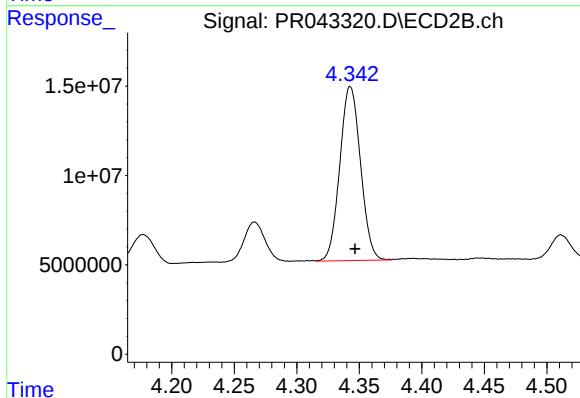
R.T.: 4.343 min
Delta R.T.: -0.005 min
Response: 112375210
Conc: 246.38 ng/ml



#11 AR-1232-1

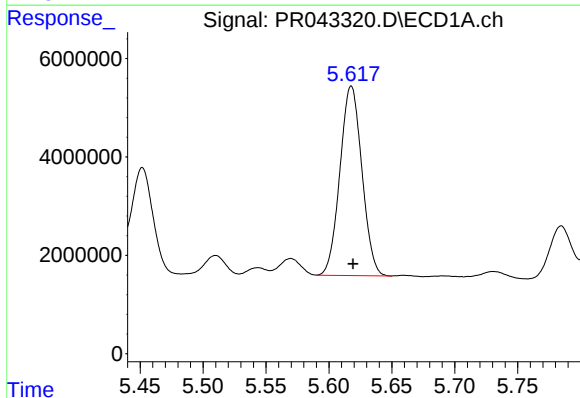
R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 33947823
Conc: 307.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



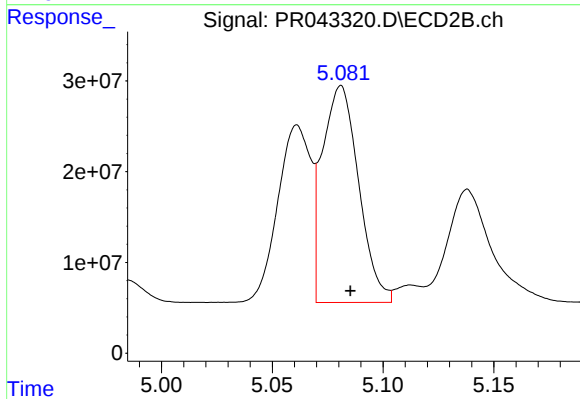
#11 AR-1232-1

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 112375210
Conc: 284.70 ng/ml



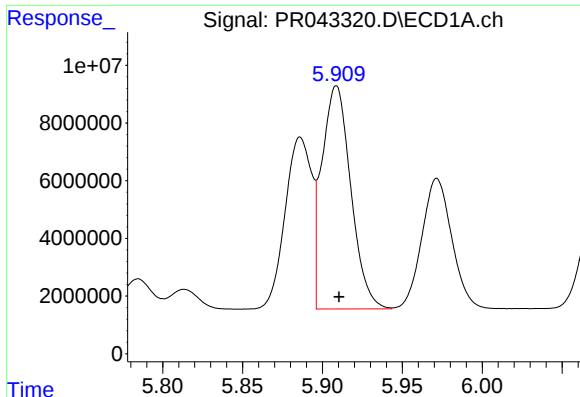
#12 AR-1232-2

R.T.: 5.618 min
Delta R.T.: -0.001 min
Response: 46835478
Conc: 821.01 ng/ml



#12 AR-1232-2

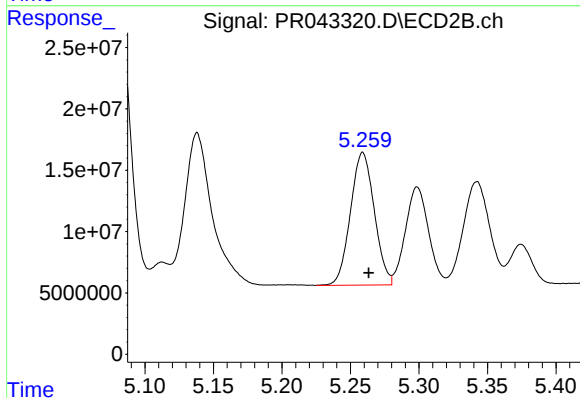
R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 273082448
Conc: 740.95 ng/ml



#13 AR-1232-3

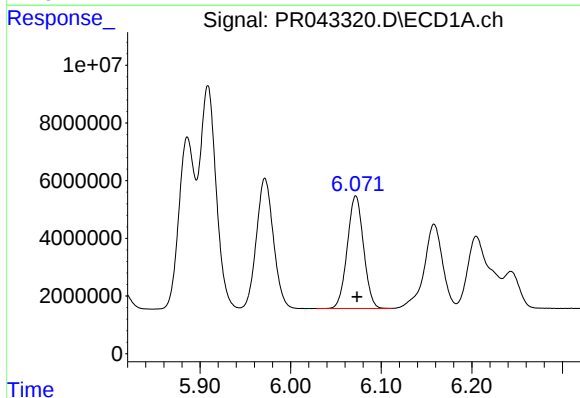
R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 97650358
Conc: 851.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



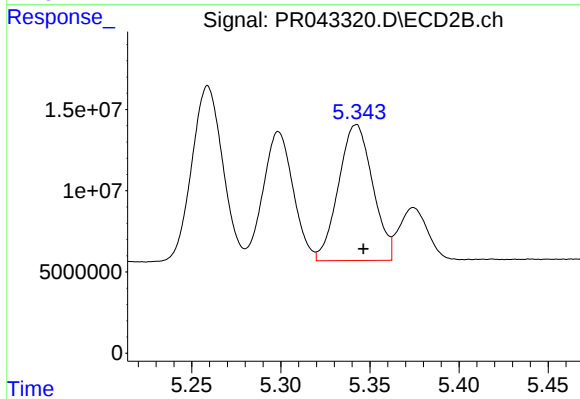
#13 AR-1232-3

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 130835232
Conc: 757.12 ng/ml



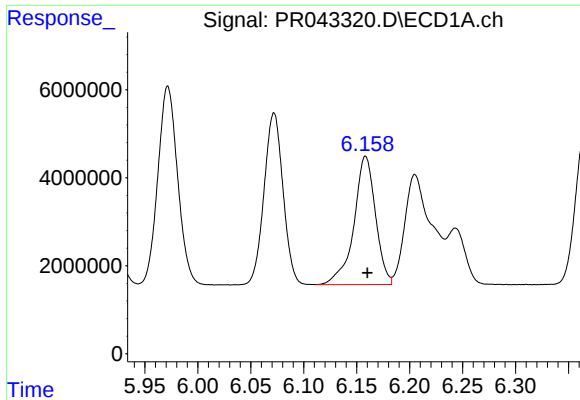
#14 AR-1232-4

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 48697824
Conc: 855.02 ng/ml



#14 AR-1232-4

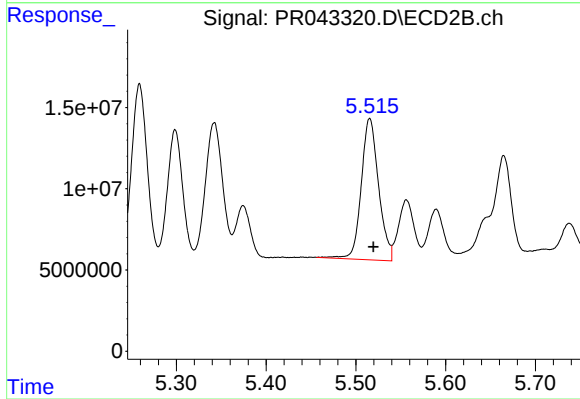
R.T.: 5.342 min
Delta R.T.: -0.004 min
Response: 111594723
Conc: 835.10 ng/ml



#15 AR-1232-5

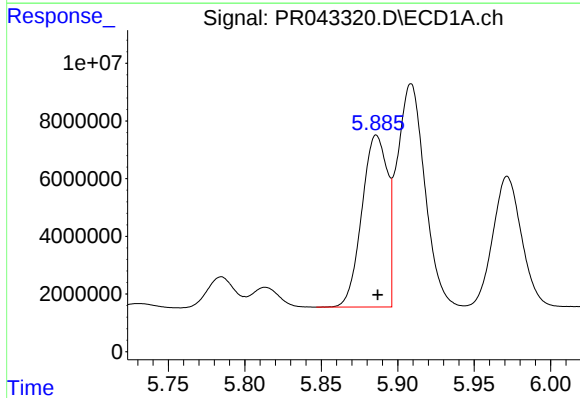
R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 41359927
Conc: 964.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



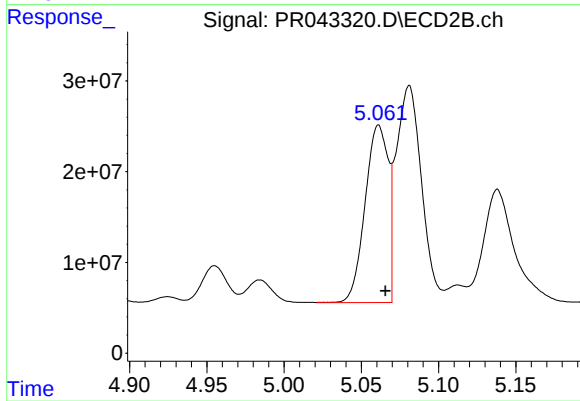
#15 AR-1232-5

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 116659685
Conc: 856.06 ng/ml



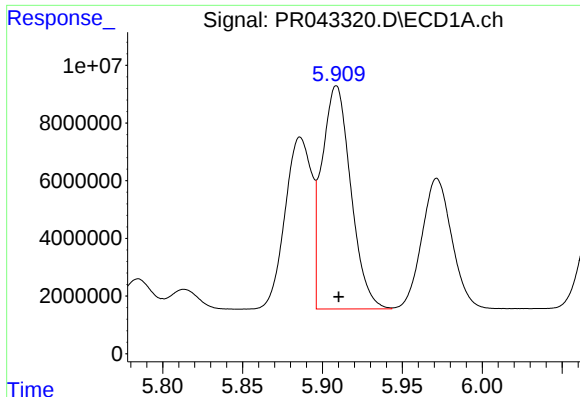
#16 AR-1242-1

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 69224686
Conc: 471.99 ng/ml



#16 AR-1242-1

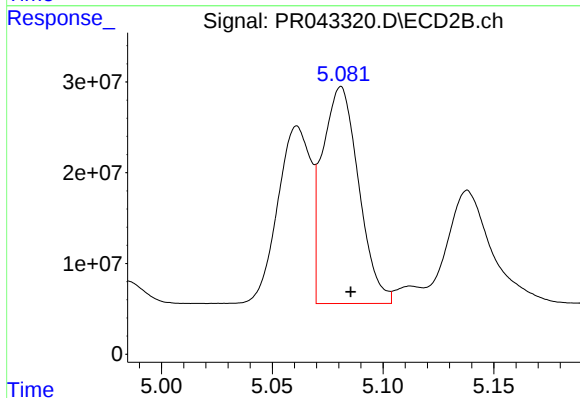
R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 203476181
Conc: 444.30 ng/ml



#17 AR-1242-2

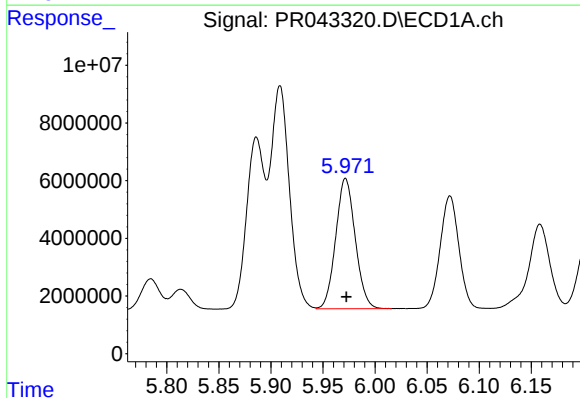
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 97650358
Conc: 480.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



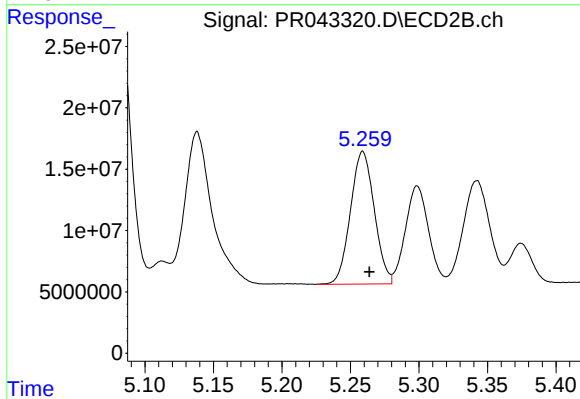
#17 AR-1242-2

R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 273082448
Conc: 445.93 ng/ml



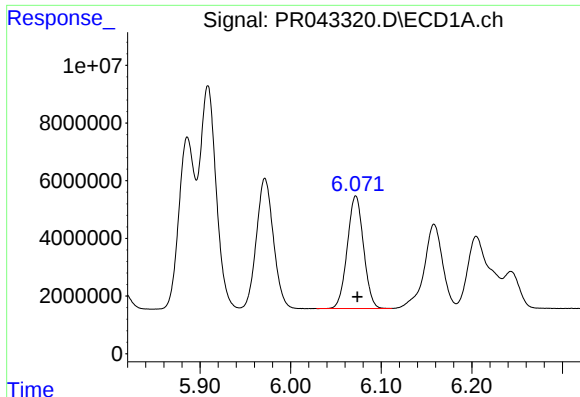
#18 AR-1242-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 59102690
Conc: 480.47 ng/ml



#18 AR-1242-3

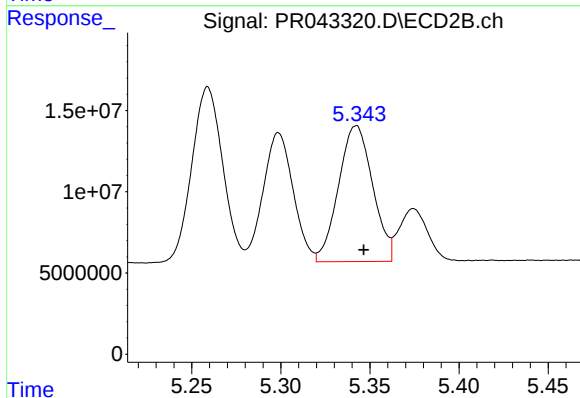
R.T.: 5.259 min
Delta R.T.: -0.005 min
Response: 130835232
Conc: 448.01 ng/ml



#19 AR-1242-4

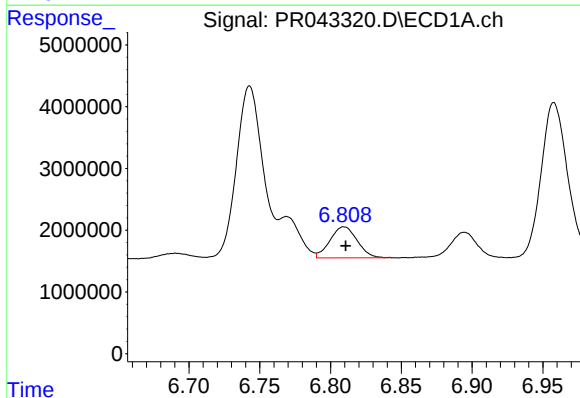
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 48697824
Conc: 478.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



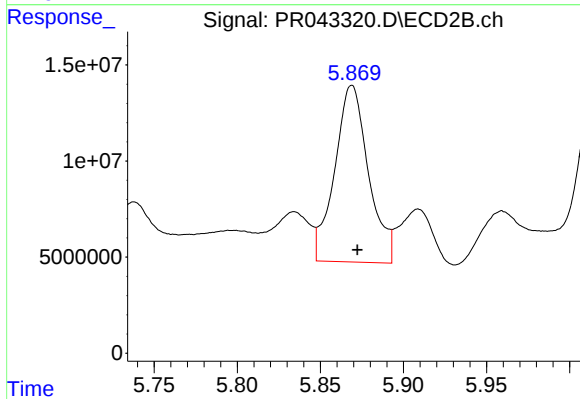
#19 AR-1242-4

R.T.: 5.342 min
Delta R.T.: -0.004 min
Response: 111594723
Conc: 442.73 ng/ml



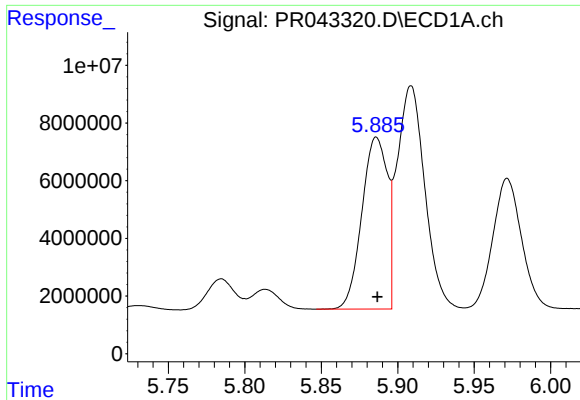
#20 AR-1242-5

R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 6718016
Conc: 62.14 ng/ml



#20 AR-1242-5

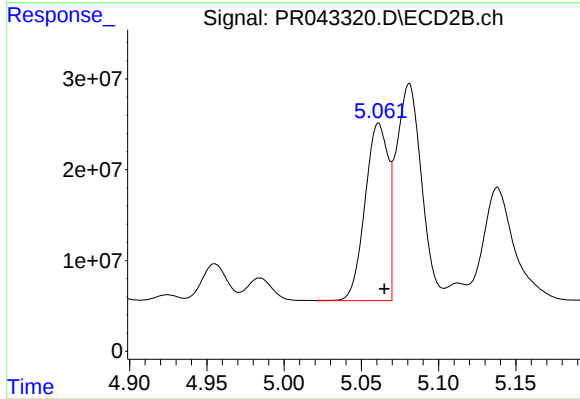
R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 130208053
Conc: 438.18 ng/ml



#21 AR-1248-1

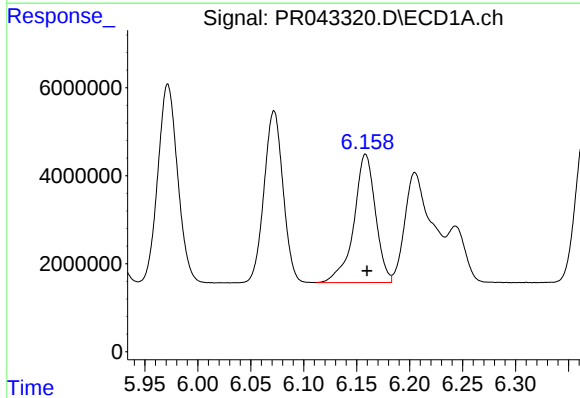
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 69224686
Conc: 603.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



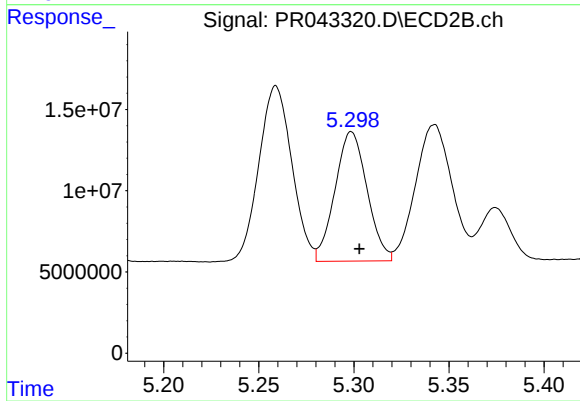
#21 AR-1248-1

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 203476181
Conc: 546.46 ng/ml



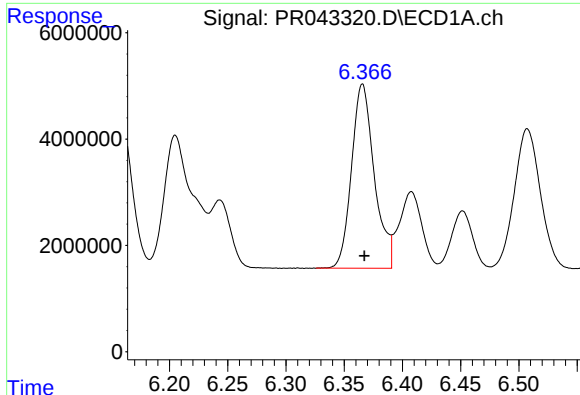
#22 AR-1248-2

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 41359927
Conc: 263.39 ng/ml



#22 AR-1248-2

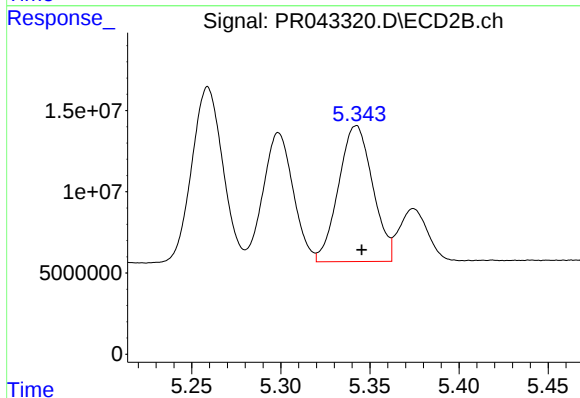
R.T.: 5.299 min
Delta R.T.: -0.004 min
Response: 93458037
Conc: 243.19 ng/ml



#23 AR-1248-3

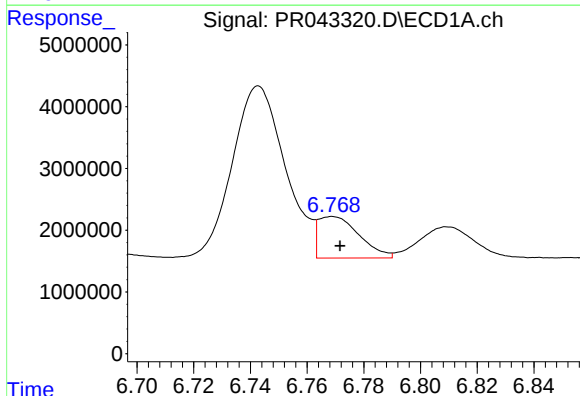
R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 47075312
Conc: 269.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



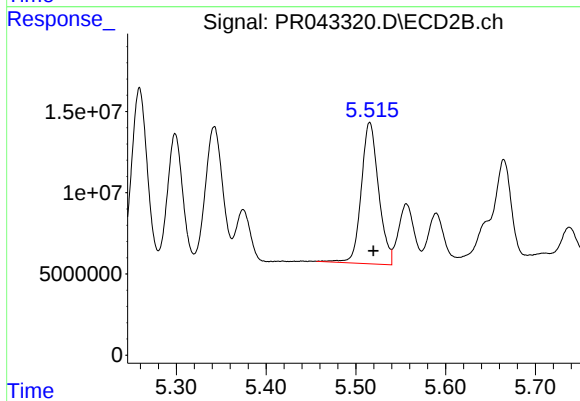
#23 AR-1248-3

R.T.: 5.342 min
Delta R.T.: -0.003 min
Response: 111594723
Conc: 295.12 ng/ml



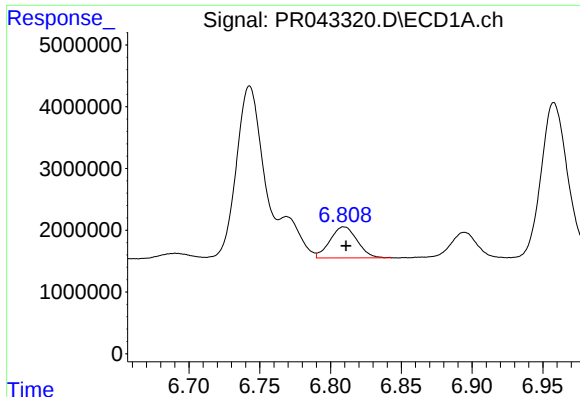
#24 AR-1248-4

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 6731588
Conc: 33.97 ng/ml



#24 AR-1248-4

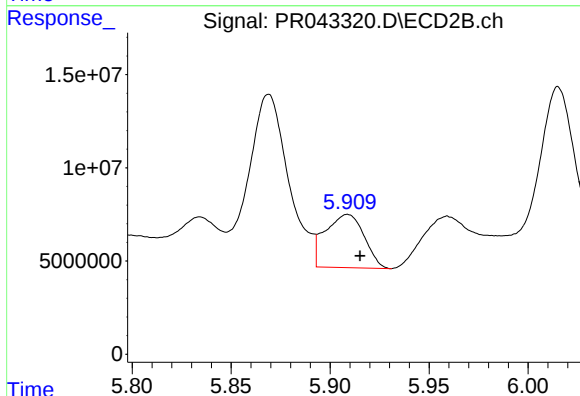
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 116659685
Conc: 280.07 ng/ml



#25 AR-1248-5

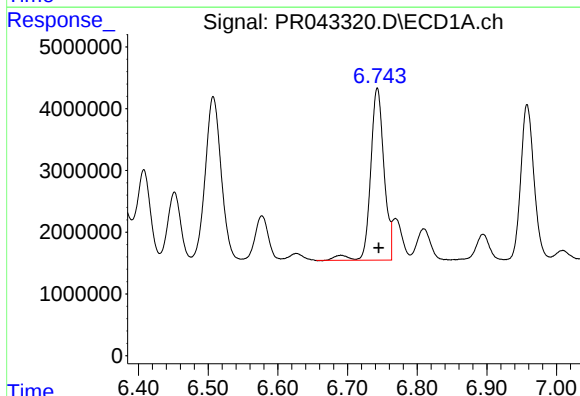
R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 6718016
Conc: 36.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



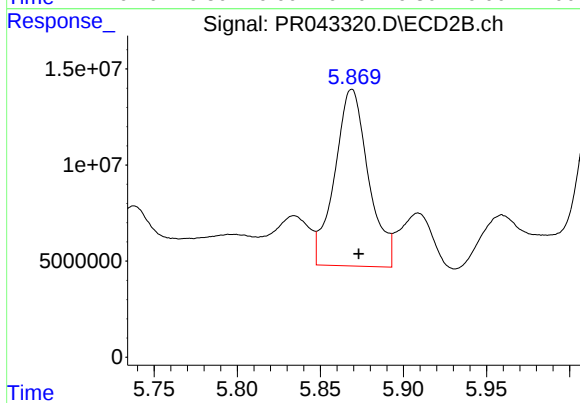
#25 AR-1248-5

R.T.: 5.909 min
Delta R.T.: -0.006 min
Response: 39047861
Conc: 88.63 ng/ml



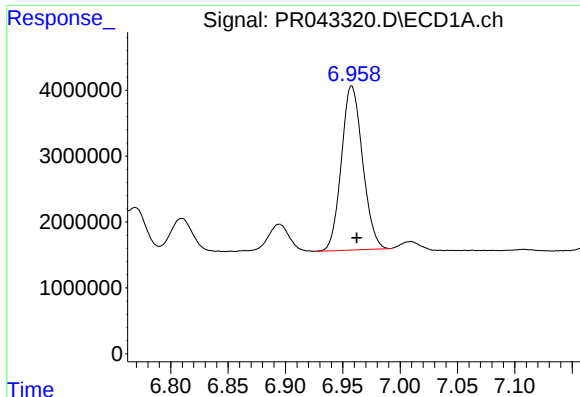
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 37410224
Conc: 194.48 ng/ml



#26 AR-1254-1

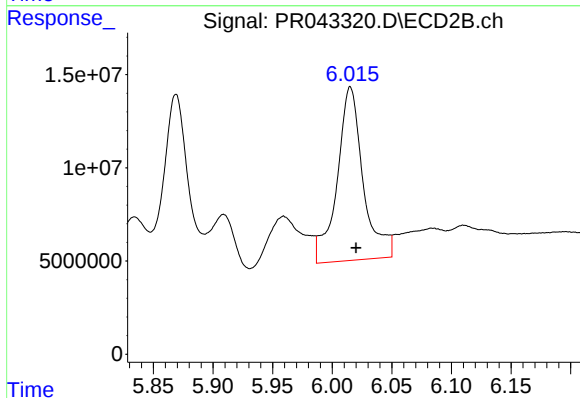
R.T.: 5.869 min
Delta R.T.: -0.004 min
Response: 130208053
Conc: 208.55 ng/ml



#27 AR-1254-2

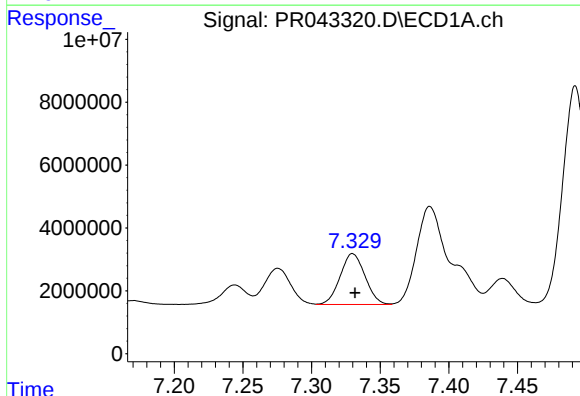
R.T.: 6.958 min
Delta R.T.: -0.004 min
Response: 32047996
Conc: 108.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



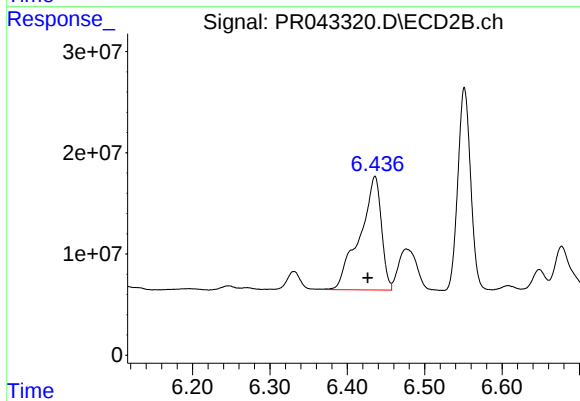
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.005 min
Response: 141236142
Conc: 251.44 ng/ml



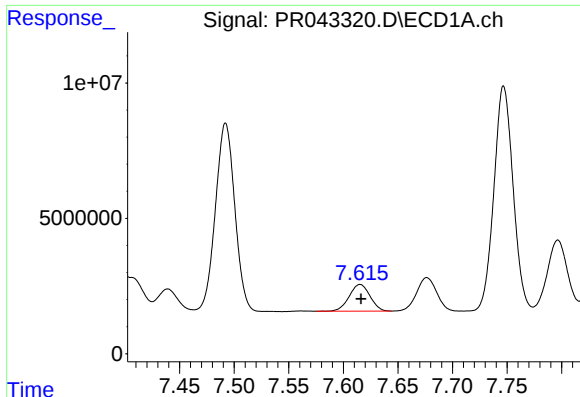
#28 AR-1254-3

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 20358950
Conc: 66.06 ng/ml



#28 AR-1254-3

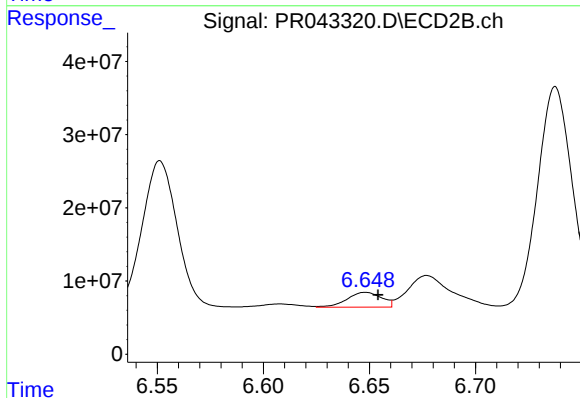
R.T.: 6.436 min
Delta R.T.: 0.009 min
Response: 217877029
Conc: 223.09 ng/ml



#29 AR-1254-4

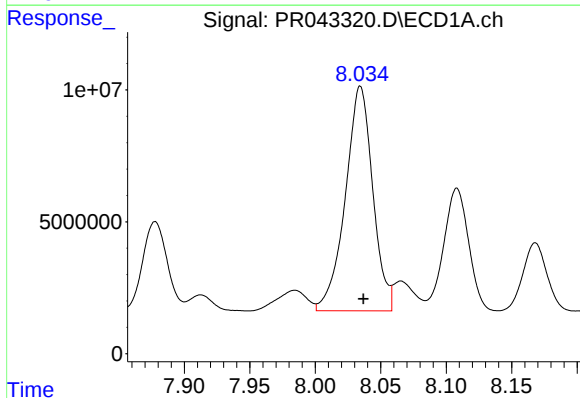
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 13079039
Conc: 57.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



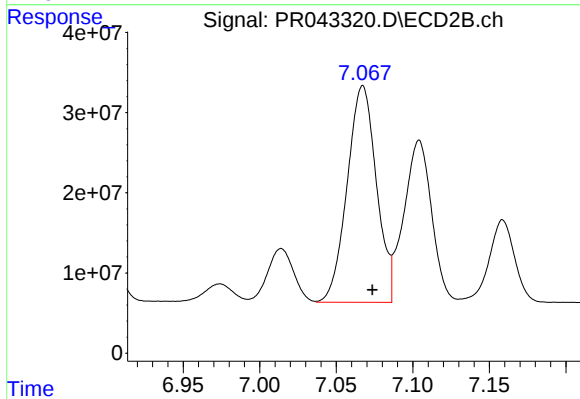
#29 AR-1254-4

R.T.: 6.648 min
Delta R.T.: -0.006 min
Response: 22924628
Conc: 32.08 ng/ml



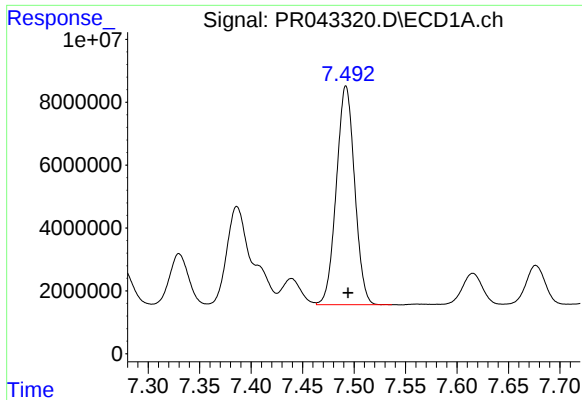
#30 AR-1254-5

R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 124267892
Conc: 532.03 ng/ml



#30 AR-1254-5

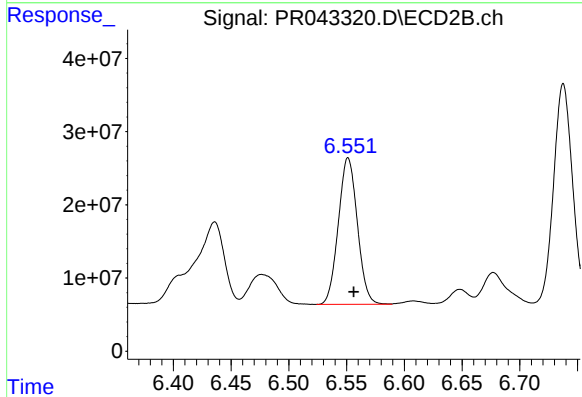
R.T.: 7.067 min
Delta R.T.: -0.006 min
Response: 359100458
Conc: 434.27 ng/ml



#31 AR-1260-1

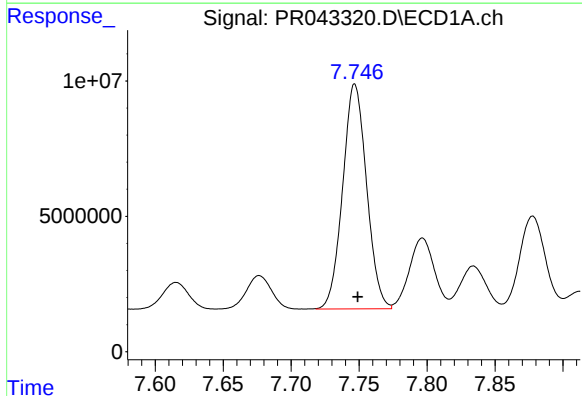
R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 86055866
Conc: 383.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



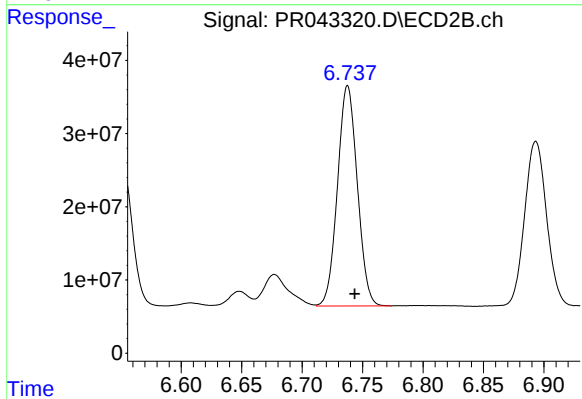
#31 AR-1260-1

R.T.: 6.551 min
Delta R.T.: -0.005 min
Response: 230085742
Conc: 351.30 ng/ml



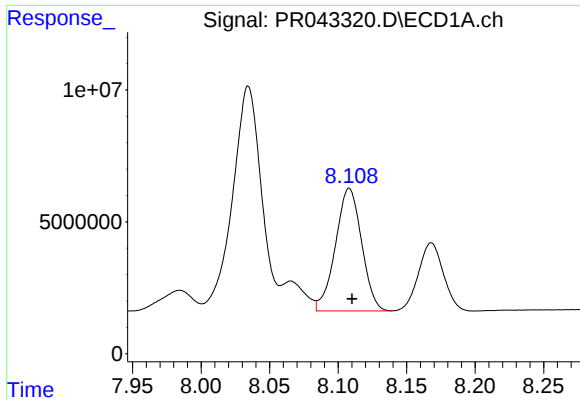
#32 AR-1260-2

R.T.: 7.747 min
Delta R.T.: -0.002 min
Response: 101622291
Conc: 383.08 ng/ml



#32 AR-1260-2

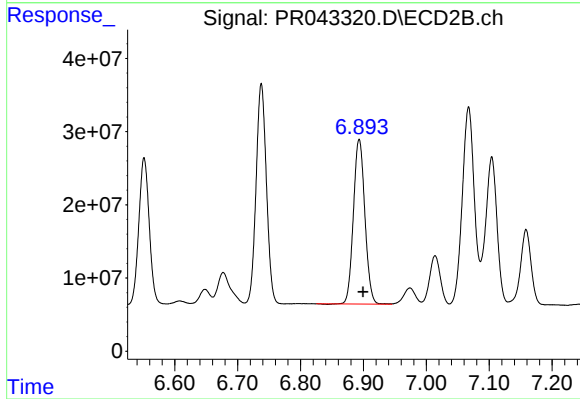
R.T.: 6.738 min
Delta R.T.: -0.006 min
Response: 343416818
Conc: 376.07 ng/ml



#33 AR-1260-3

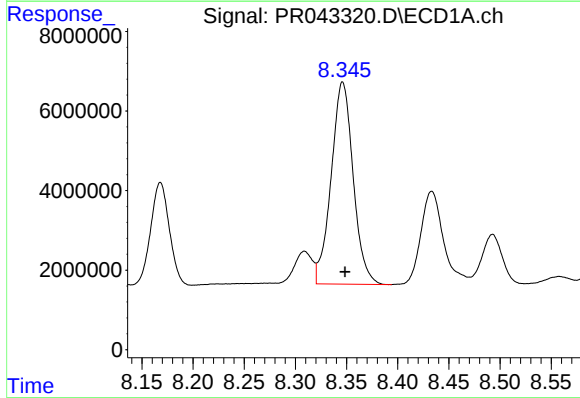
R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 61873889
Conc: 312.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



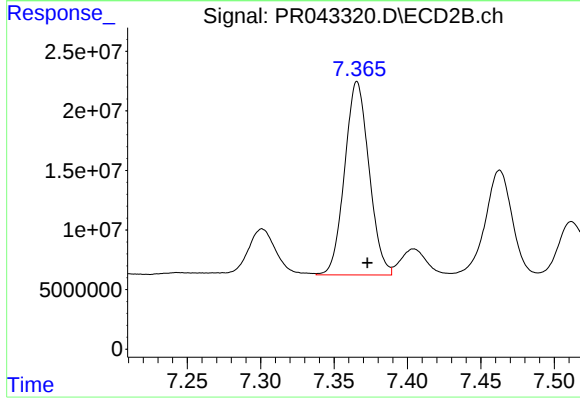
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.006 min
Response: 284693208
Conc: 371.24 ng/ml



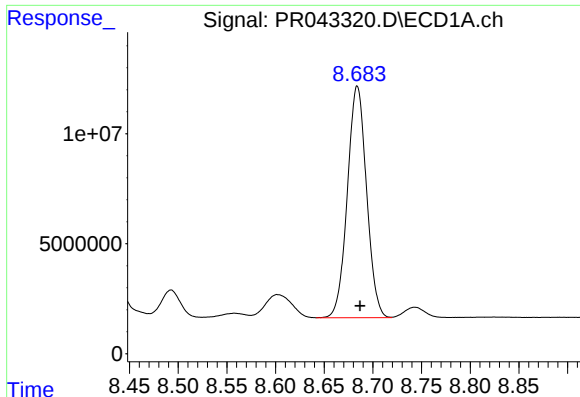
#34 AR-1260-4

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 76047446
Conc: 332.67 ng/ml



#34 AR-1260-4

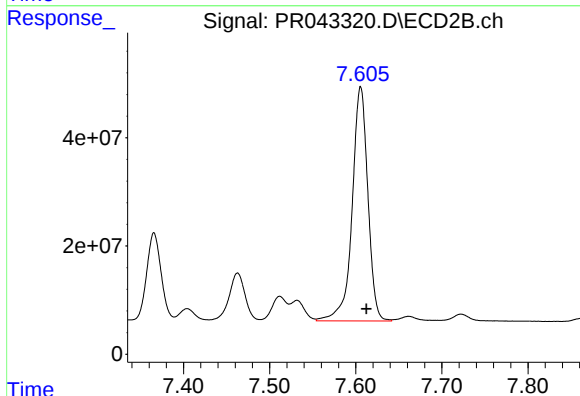
R.T.: 7.366 min
Delta R.T.: -0.007 min
Response: 188143880
Conc: 297.36 ng/ml



#35 AR-1260-5

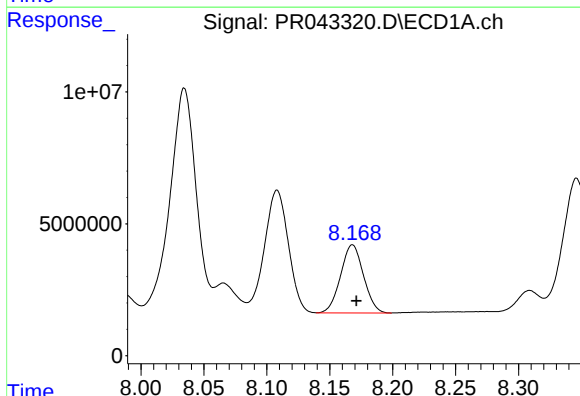
R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 144397901
Conc: 315.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



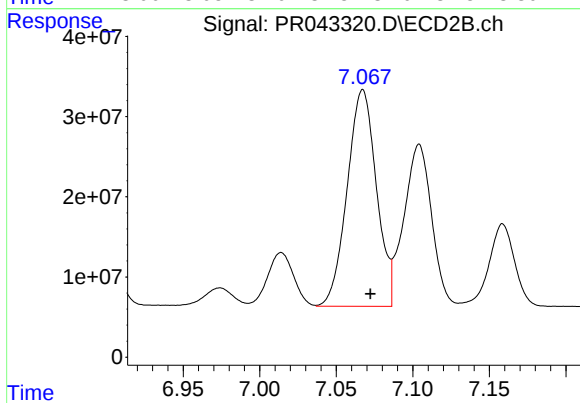
#35 AR-1260-5

R.T.: 7.606 min
Delta R.T.: -0.007 min
Response: 549062560
Conc: 310.80 ng/ml



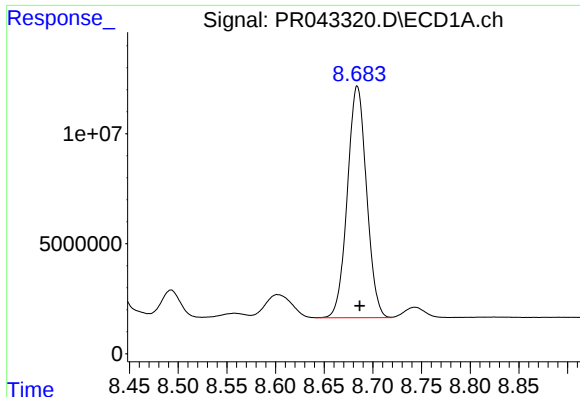
#36 AR-1262-1

R.T.: 8.168 min
Delta R.T.: -0.003 min
Response: 32790110
Conc: 287.05 ng/ml



#36 AR-1262-1

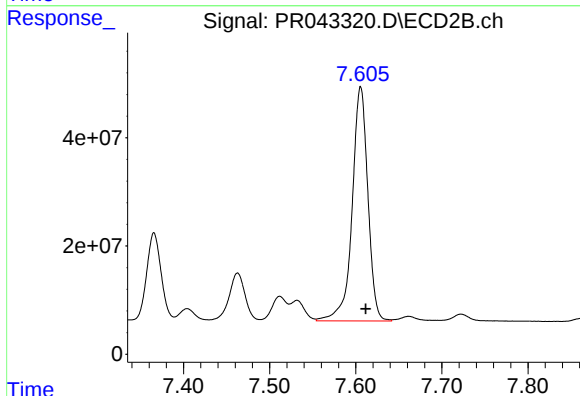
R.T.: 7.067 min
Delta R.T.: -0.005 min
Response: 359100458
Conc: 762.11 ng/ml



#37 AR-1262-2

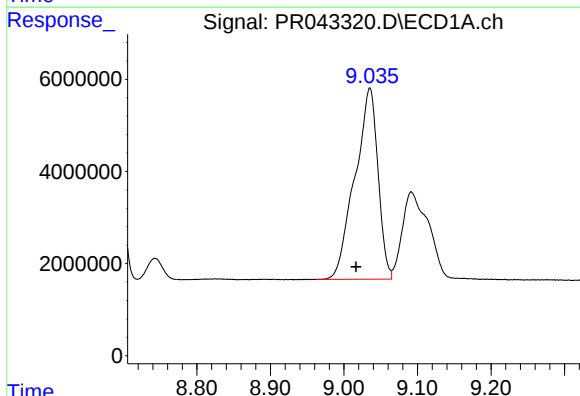
R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 144397901
Conc: 277.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



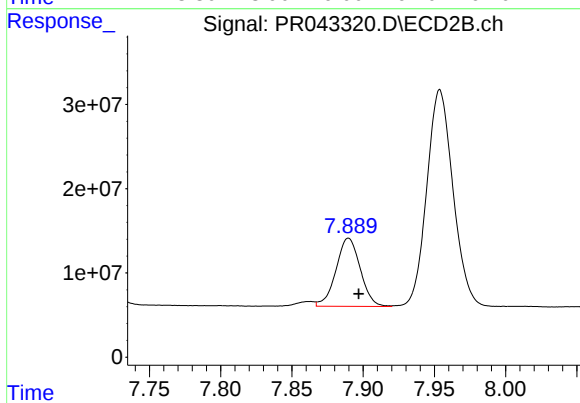
#37 AR-1262-2

R.T.: 7.606 min
Delta R.T.: -0.006 min
Response: 549062560
Conc: 284.77 ng/ml



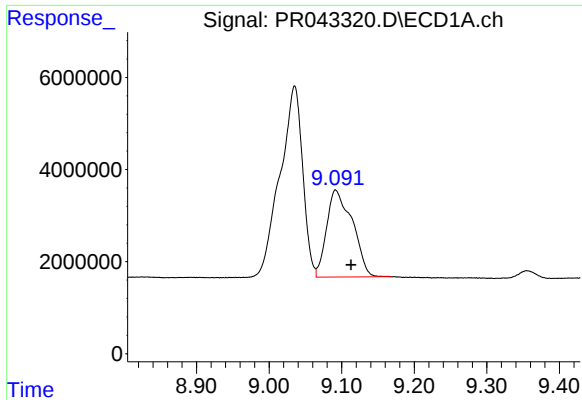
#38 AR-1262-3

R.T.: 9.035 min
Delta R.T.: 0.019 min
Response: 90398973
Conc: 271.63 ng/ml



#38 AR-1262-3

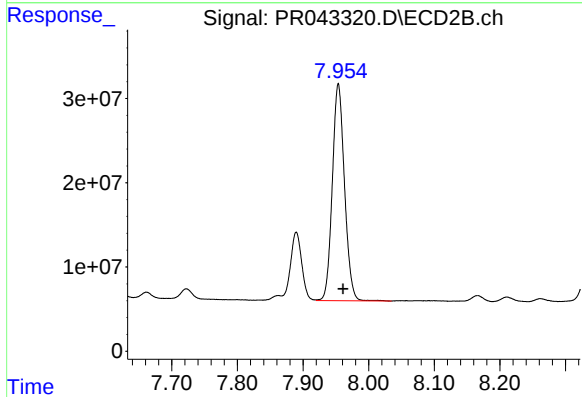
R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 95862116
Conc: 129.25 ng/ml



#39 AR-1262-4

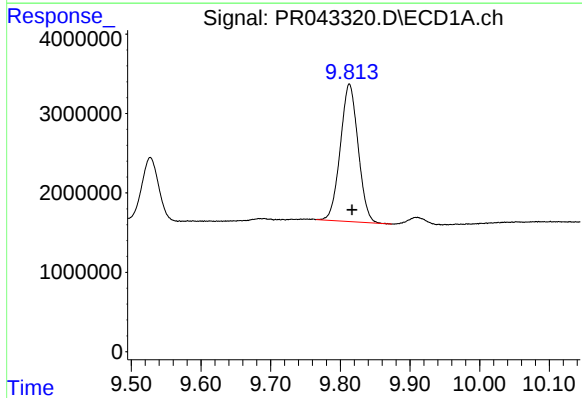
R.T.: 9.092 min
Delta R.T.: -0.021 min
Response: 46612453
Conc: 190.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



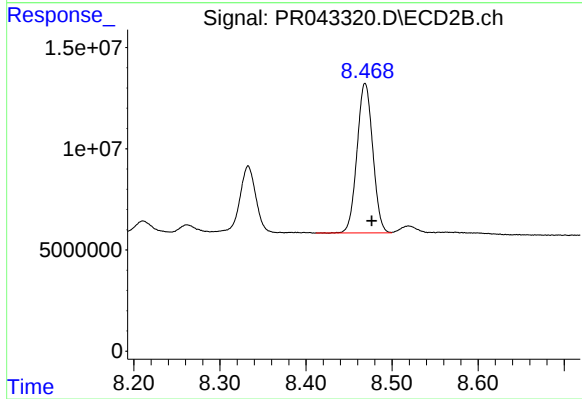
#39 AR-1262-4

R.T.: 7.954 min
Delta R.T.: -0.007 min
Response: 331715652
Conc: 256.98 ng/ml



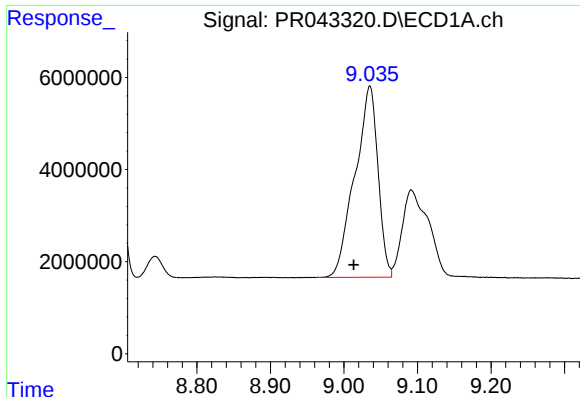
#40 AR-1262-5

R.T.: 9.813 min
Delta R.T.: -0.004 min
Response: 30673452
Conc: 181.46 ng/ml



#40 AR-1262-5

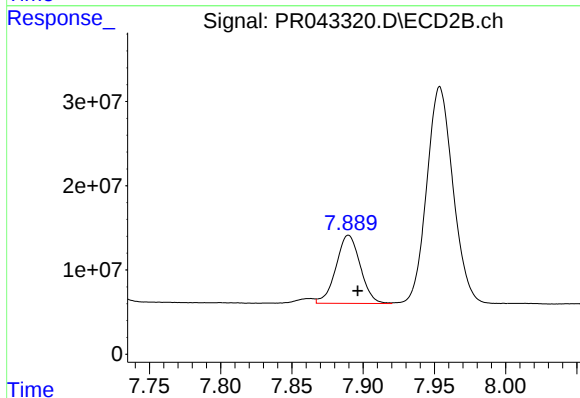
R.T.: 8.469 min
Delta R.T.: -0.008 min
Response: 93802268
Conc: 158.86 ng/ml



#41 AR-1268-1

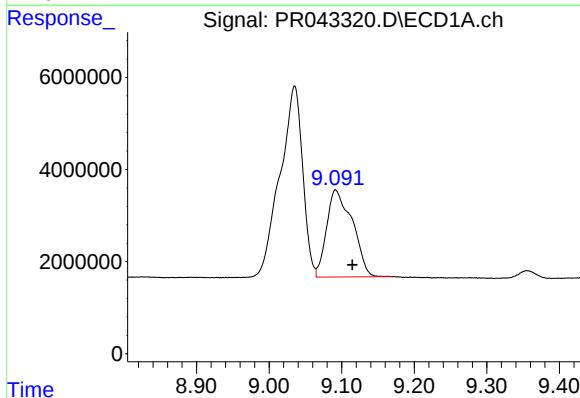
R.T.: 9.035 min
Delta R.T.: 0.022 min
Response: 90398973
Conc: 154.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



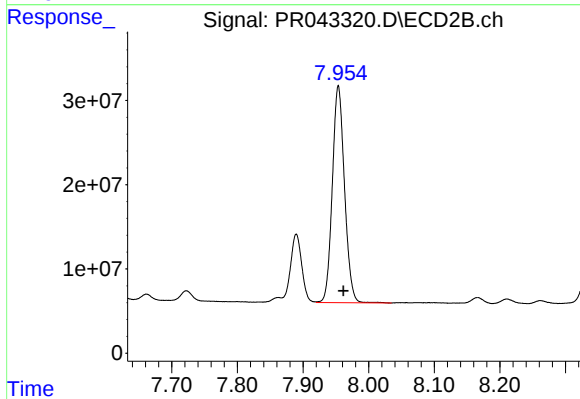
#41 AR-1268-1

R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 95862116
Conc: 43.27 ng/ml



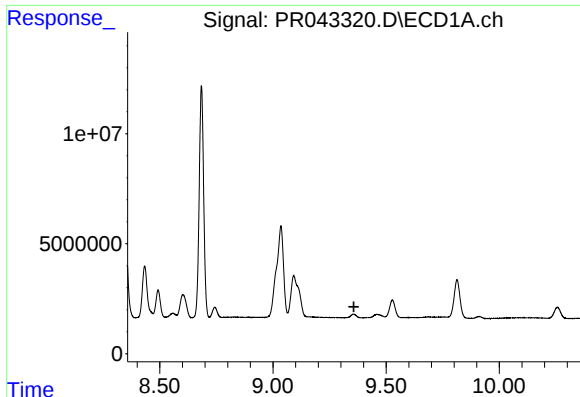
#42 AR-1268-2

R.T.: 9.092 min
Delta R.T.: -0.023 min
Response: 46612453
Conc: 88.33 ng/ml



#42 AR-1268-2

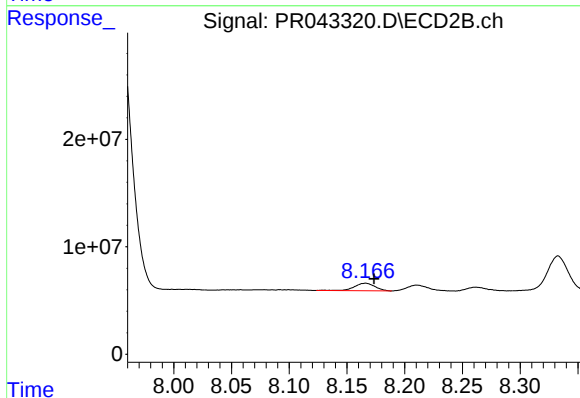
R.T.: 7.954 min
Delta R.T.: -0.008 min
Response: 331715652
Conc: 169.89 ng/ml



#43 AR-1268-3

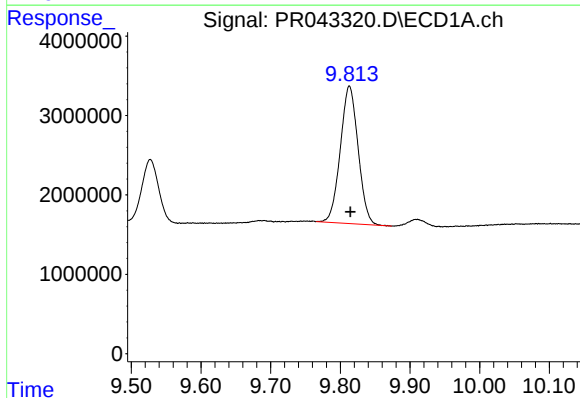
R.T.: 0.000 min
Exp R.T.: 9.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



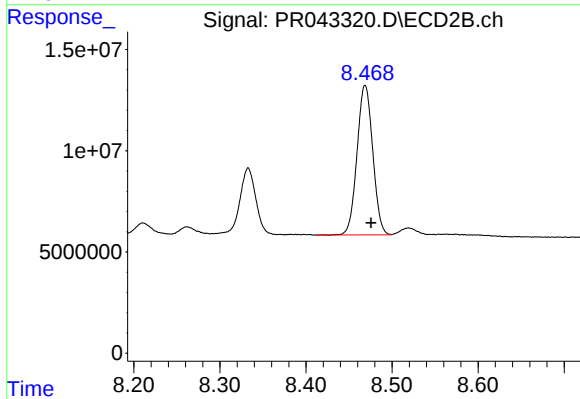
#43 AR-1268-3

R.T.: 8.166 min
Delta R.T.: -0.007 min
Response: 8881559
Conc: 5.36 ng/ml



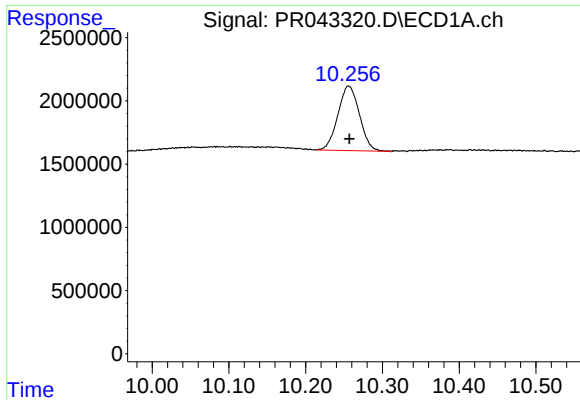
#44 AR-1268-4

R.T.: 9.813 min
Delta R.T.: -0.001 min
Response: 30673452
Conc: 162.63 ng/ml



#44 AR-1268-4

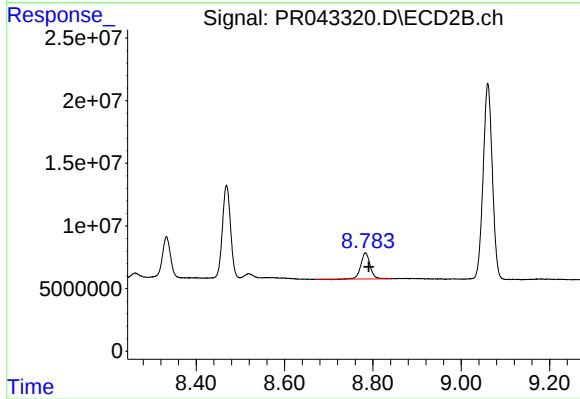
R.T.: 8.469 min
Delta R.T.: -0.007 min
Response: 93802268
Conc: 141.44 ng/ml



#45 AR-1268-5

R.T.: 10.256 min
Delta R.T.: -0.001 min
Response: 9931479
Conc: 7.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLNR4MSD



#45 AR-1268-5

R.T.: 8.783 min
Delta R.T.: -0.008 min
Response: 30393056
Conc: 6.45 ng/ml