

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092019\
 Data File : PR041308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2019 18:48
 Operator : SM\AJ
 Sample : K4988-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESNZ6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 23:06:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.723	3.991	68280162	281.0E6	22.217	21.102
2)	SA Decachlor...	10.638	9.111	62662179	193.7E6	22.515	19.818
Target Compounds							
3)	L1 AR-1016-1	5.899	5.090	12007279	25154265	106.488	95.035
4)	L1 AR-1016-2	5.922	5.111	20501475	38544560	128.844	105.020
5)	L1 AR-1016-3	5.989	5.291	2000039	20453724	21.345	100.674 #
6)	L1 AR-1016-4	6.083	5.328	8761308	66203063	112.271	405.370 #
7)	L1 AR-1016-5	6.379	5.545	25950973	71136477	332.912	306.087
9)	L2 AR-1221-2	0.000	4.296	0	3257920	N.D.	42.426 #
10)	L2 AR-1221-3	0.000	4.418f	0	8532709	N.D.	37.683 #
11)	L3 AR-1232-1	0.000	4.418f	0	8532709	N.D.	63.036 #
12)	L3 AR-1232-2	5.631	5.111	6690730	38544560	254.353	296.708
13)	L3 AR-1232-3	5.922	5.291	20501475	20453724	371.340	278.448 #
14)	L3 AR-1232-4	6.083	5.371	8761308	56988912	313.404	857.971 #
15)	L3 AR-1232-5	6.172	5.545	29003106	71136477	1389.647	863.269 #
16)	L4 AR-1242-1	5.899	5.090	12007279	25154265	161.598	144.785
17)	L4 AR-1242-2	5.922	5.111	20501475	38544560	195.616	161.053
18)	L4 AR-1242-3	5.989	5.291	2000039	20453724	31.599	150.653 #
19)	L4 AR-1242-4	6.083	5.371	8761308	56988912	165.802	414.437 #
20)	L4 AR-1242-5	6.821	5.899	35605274	117.5E6	565.057	512.260
21)	L5 AR-1248-1	5.899	5.090	12007279	25154265	205.061	181.561
22)	L5 AR-1248-2	6.172	5.328	29003106	66203063	347.788	336.577
23)	L5 AR-1248-3	6.379	5.371	25950973	56988912	275.073	280.493
24)	L5 AR-1248-4	6.783	5.545	29722061	71136477	254.320	269.833
25)	L5 AR-1248-5	6.821	5.942	35605274	93326520	324.673	295.311
26)	L6 AR-1254-1	6.756	5.899	20102519	117.5E6	163.998	245.393 #
27)	L6 AR-1254-2	6.979	6.047	35884879	42865724	187.426	97.076 #
28)	L6 AR-1254-3	7.343	6.454	24501071	80111117	113.218	106.493
29)	L6 AR-1254-4	7.627	6.681	14978568	55237426	91.950	105.635
30)	L6 AR-1254-5	8.047	7.101	8609065	30548285	47.131	47.814
31)	L7 AR-1260-1	7.505	6.600	6447910	40361452	41.768	79.226 #
32)	L7 AR-1260-2	7.755	6.771	9858788	18021228	53.590	28.348 #
33)	L7 AR-1260-3	0.000	6.927	0	20388191	N.D.	35.350 #
34)	L7 AR-1260-4	8.352	7.403	3392975	8388605	20.867	16.991
35)	L7 AR-1260-5	8.697	7.640	3549756	20921221	10.385	16.080 #
36)	L8 AR-1262-1	0.000	7.137	0	9089272	N.D.	11.090 #
37)	L8 AR-1262-2	8.697	7.640	3549756	20921221	8.102	13.408 #
38)	L8 AR-1262-3	0.000	7.928	0	4812614	N.D.	7.970 #
39)	L8 AR-1262-4	0.000	7.991	0	9420283	N.D.	8.448 #
40)	L8 AR-1262-5	0.000	8.508	0	4020735	N.D.	7.694 #
41)	L9 AR-1268-1	0.000	7.928	0	4812614	N.D.	3.001 #
42)	L9 AR-1268-2	0.000	7.991	0	9420283	N.D.	6.303 #

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Integration File signal 1: autoint1.e
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 Quant Time: Sep 20 23:06:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 Response via : Initial Calibration
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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
44) L9	AR-1268-4	0.000	8.508	0	4020735	N.D.	7.721 #
45) L9	AR-1268-5	0.000	8.827	0	3835569	N.D.	1.040 #

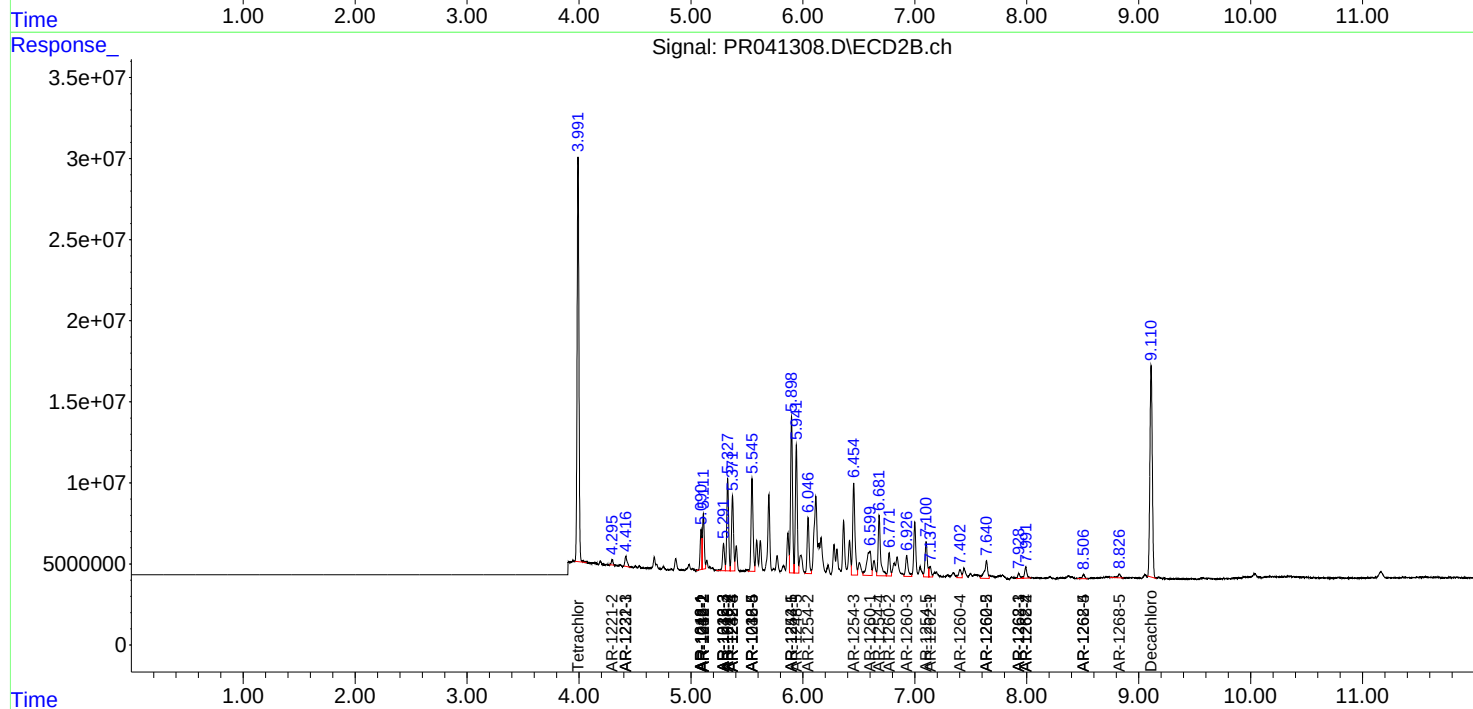
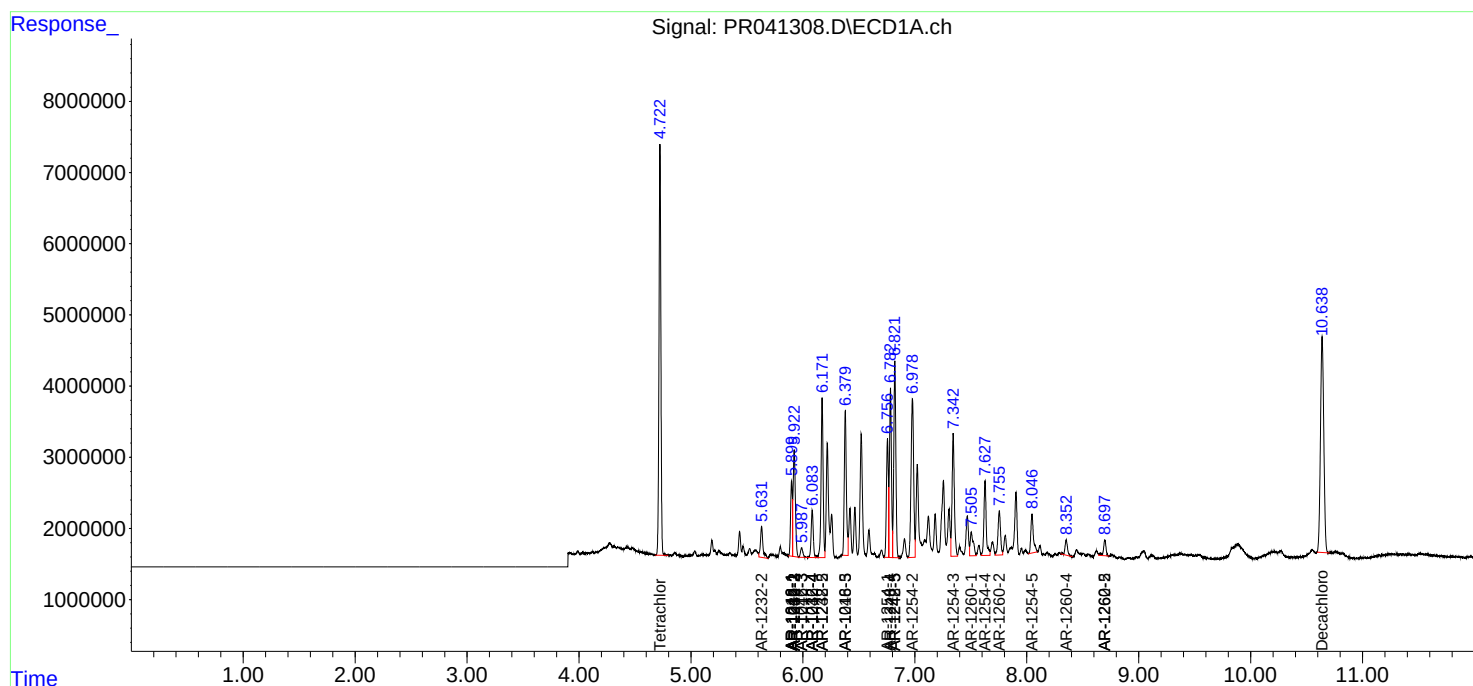
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

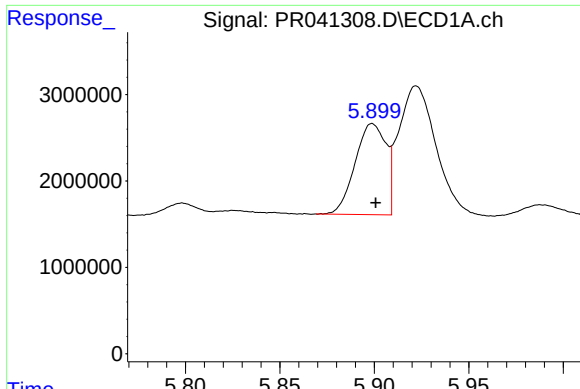
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092019\
Data File : PR041308.D
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Quant Time: Sep 20 23:06:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
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QLast Update : Tue Sep 10 13:01:53 2019
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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

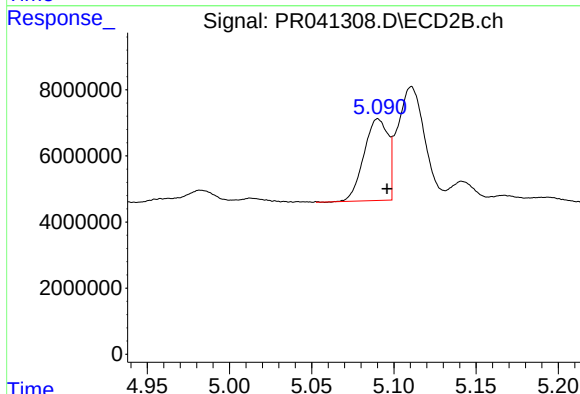




#3 AR-1016-1

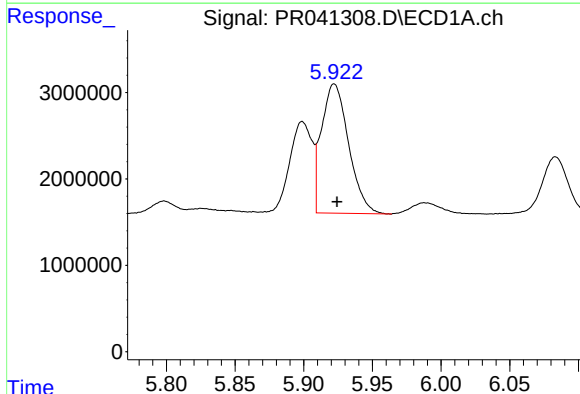
R.T.: 5.899 min
Delta R.T.: -0.001 min
Response: 12007279
Conc: 106.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



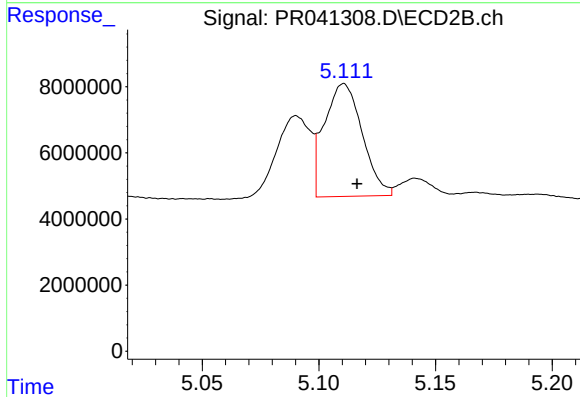
#3 AR-1016-1

R.T.: 5.090 min
Delta R.T.: -0.006 min
Response: 25154265
Conc: 95.04 ng/ml



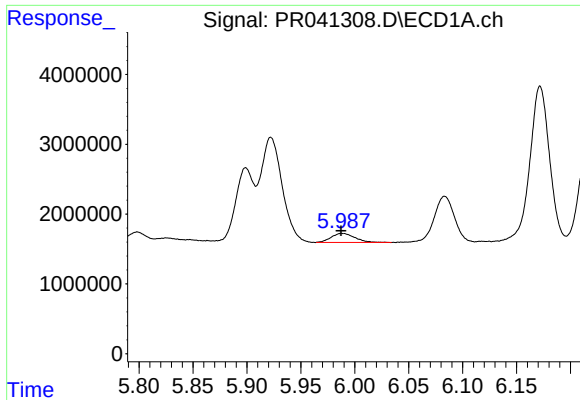
#4 AR-1016-2

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 20501475
Conc: 128.84 ng/ml



#4 AR-1016-2

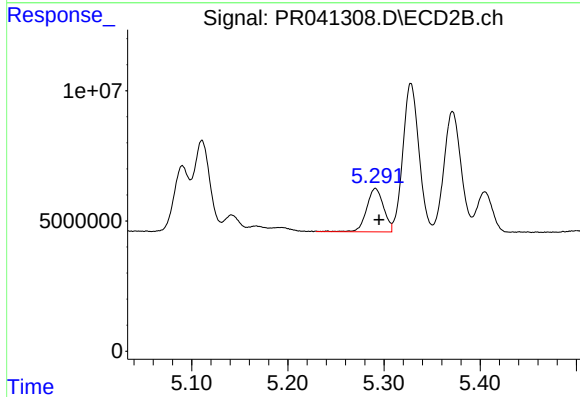
R.T.: 5.111 min
Delta R.T.: -0.006 min
Response: 38544560
Conc: 105.02 ng/ml



#5 AR-1016-3

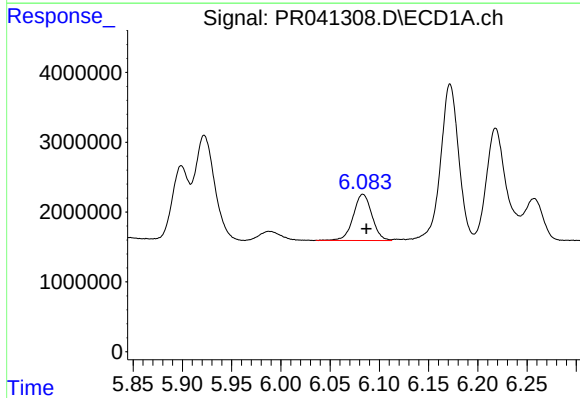
R.T.: 5.989 min
Delta R.T.: 0.001 min
Response: 2000039
Conc: 21.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



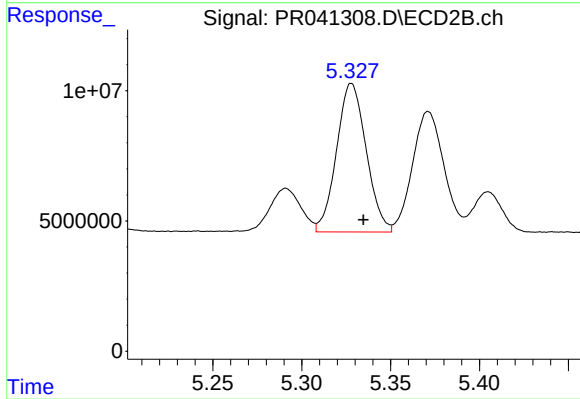
#5 AR-1016-3

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 20453724
Conc: 100.67 ng/ml



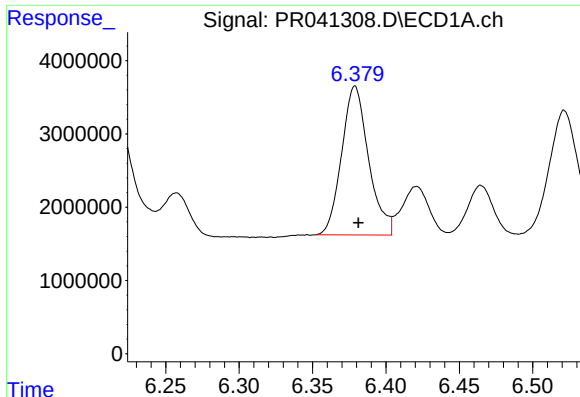
#6 AR-1016-4

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 8761308
Conc: 112.27 ng/ml



#6 AR-1016-4

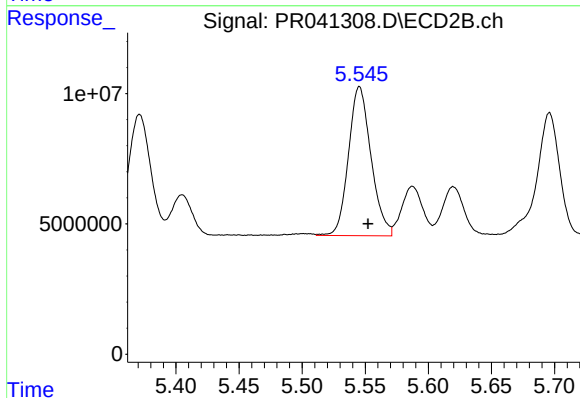
R.T.: 5.328 min
Delta R.T.: -0.007 min
Response: 66203063
Conc: 405.37 ng/ml



#7 AR-1016-5

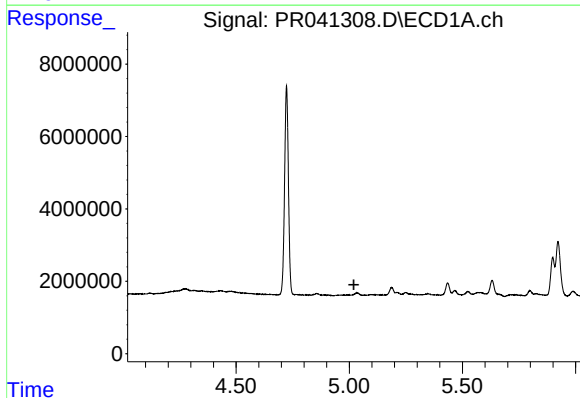
R.T.: 6.379 min
Delta R.T.: -0.002 min
Response: 25950973
Conc: 332.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



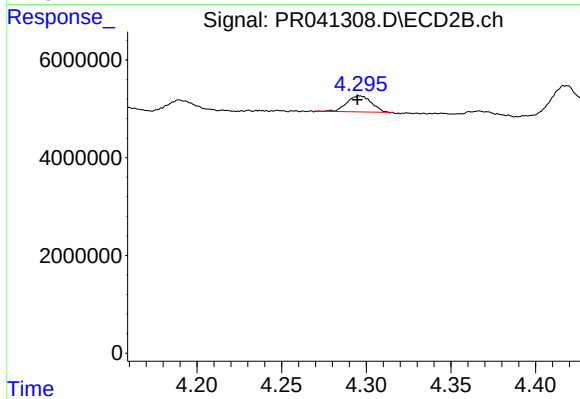
#7 AR-1016-5

R.T.: 5.545 min
Delta R.T.: -0.007 min
Response: 71136477
Conc: 306.09 ng/ml



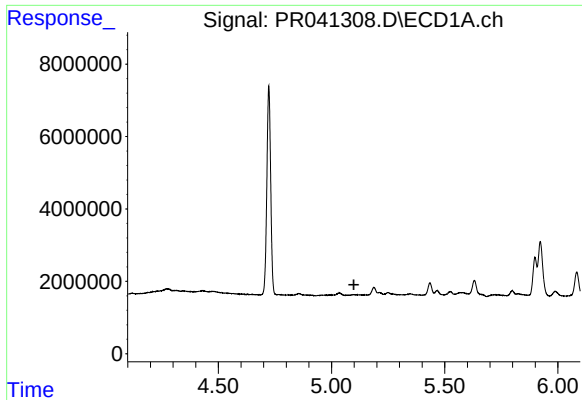
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.020 min
Response: 0
Conc: N.D.



#9 AR-1221-2

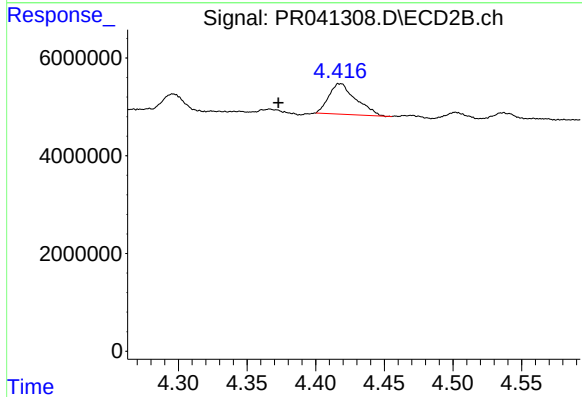
R.T.: 4.296 min
Delta R.T.: 0.001 min
Response: 3257920
Conc: 42.43 ng/ml



#10 AR-1221-3

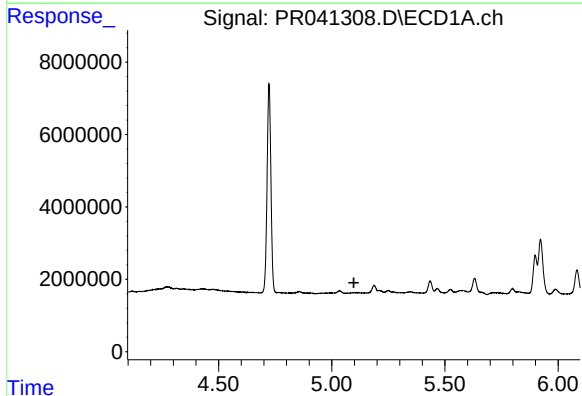
R.T.: 0.000 min
Exp R.T.: 5.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ6



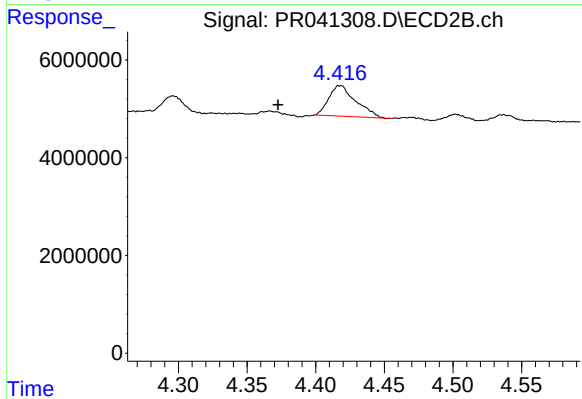
#10 AR-1221-3

R.T.: 4.418 min
Delta R.T.: 0.045 min
Response: 8532709
Conc: 37.68 ng/ml



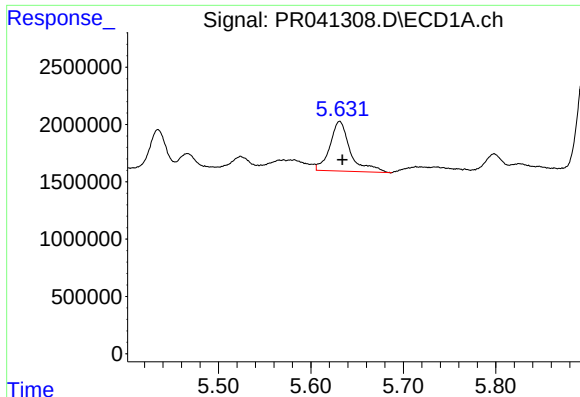
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.098 min
Response: 0
Conc: N.D.



#11 AR-1232-1

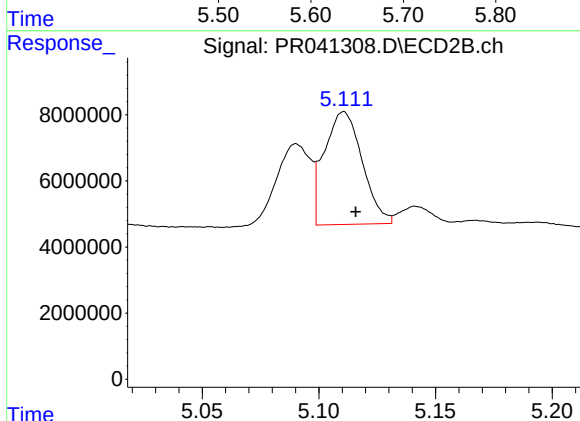
R.T.: 4.418 min
Delta R.T.: 0.045 min
Response: 8532709
Conc: 63.04 ng/ml



#12 AR-1232-2

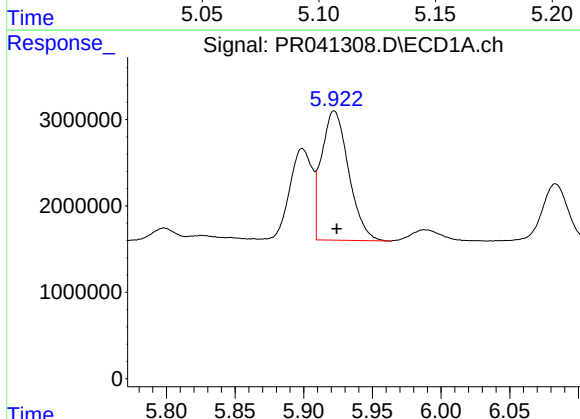
R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 6690730
Conc: 254.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



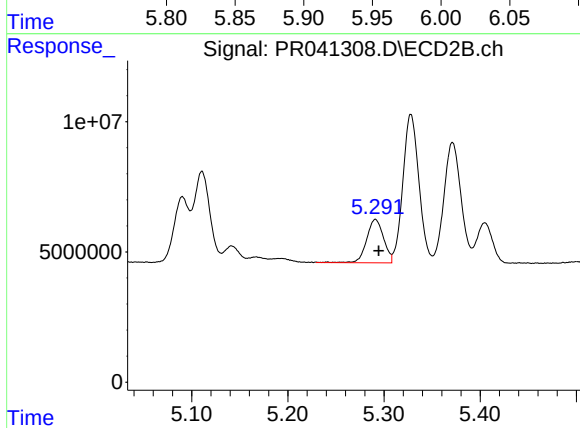
#12 AR-1232-2

R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 38544560
Conc: 296.71 ng/ml



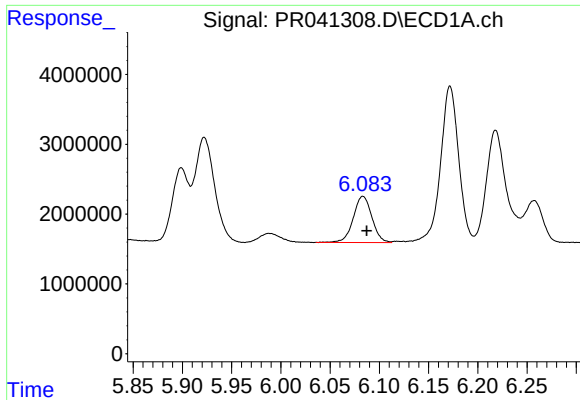
#13 AR-1232-3

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 20501475
Conc: 371.34 ng/ml



#13 AR-1232-3

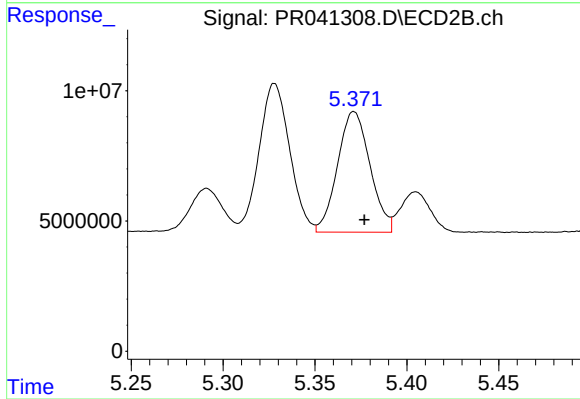
R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 20453724
Conc: 278.45 ng/ml



#14 AR-1232-4

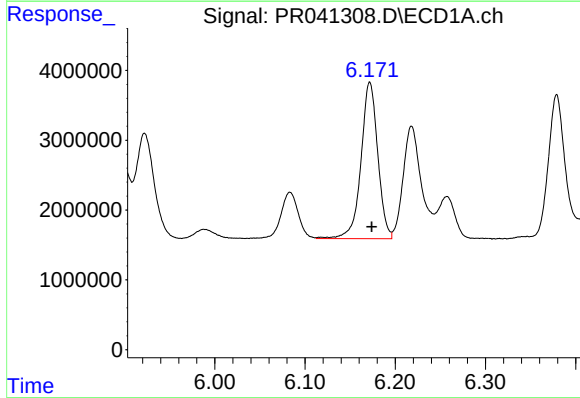
R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 8761308
Conc: 313.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



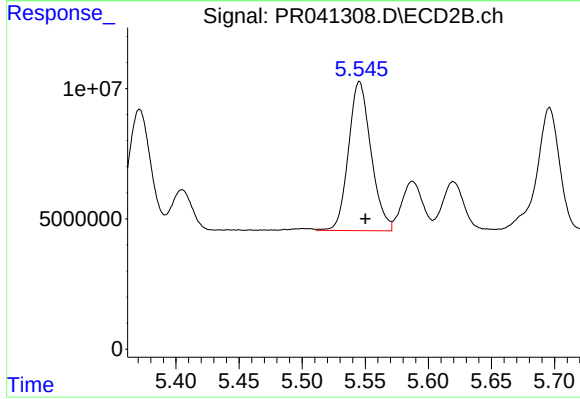
#14 AR-1232-4

R.T.: 5.371 min
Delta R.T.: -0.006 min
Response: 56988912
Conc: 857.97 ng/ml



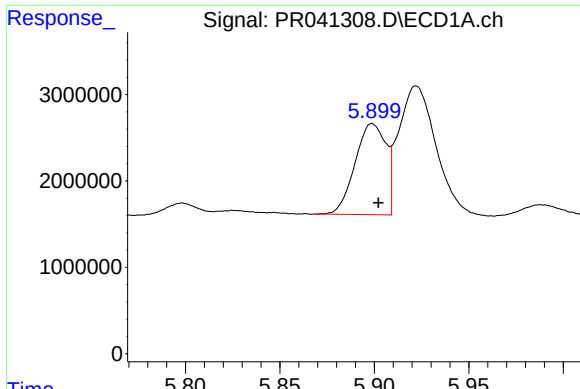
#15 AR-1232-5

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 29003106
Conc: 1389.65 ng/ml



#15 AR-1232-5

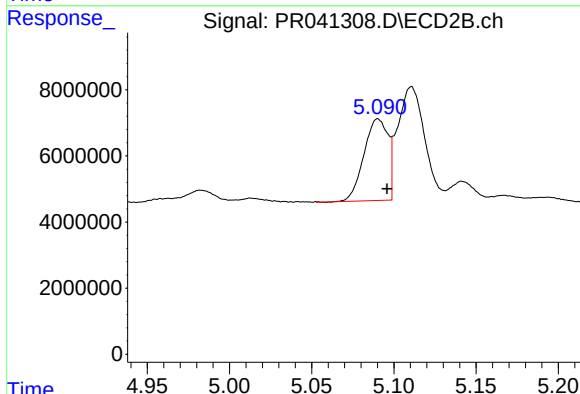
R.T.: 5.545 min
Delta R.T.: -0.005 min
Response: 71136477
Conc: 863.27 ng/ml



#16 AR-1242-1

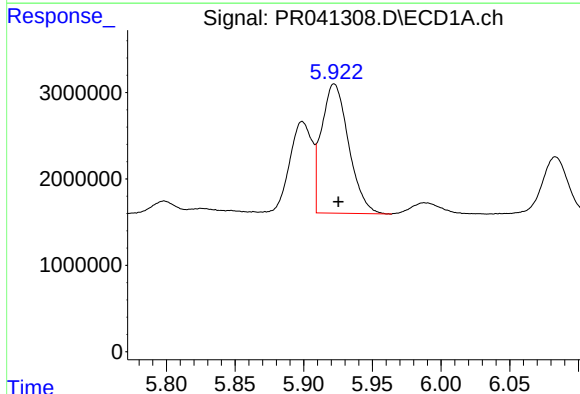
R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 12007279
Conc: 161.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



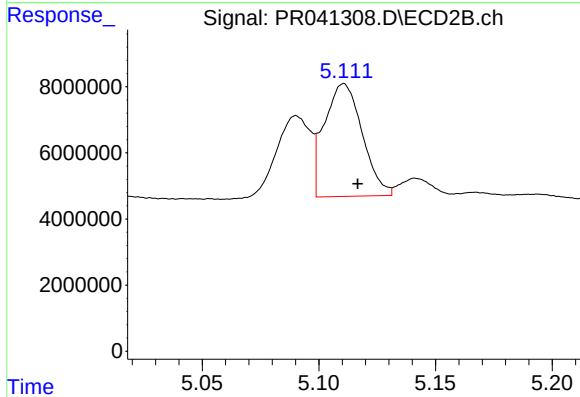
#16 AR-1242-1

R.T.: 5.090 min
Delta R.T.: -0.006 min
Response: 25154265
Conc: 144.79 ng/ml



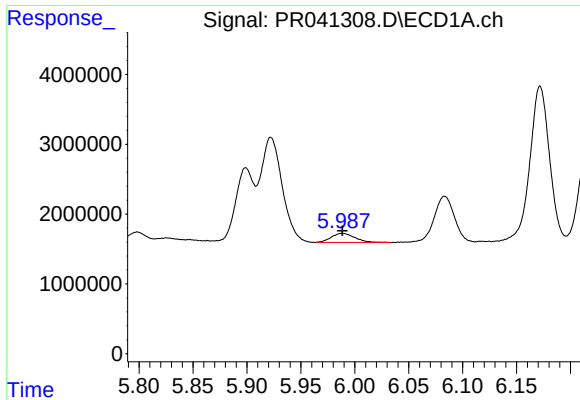
#17 AR-1242-2

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 20501475
Conc: 195.62 ng/ml



#17 AR-1242-2

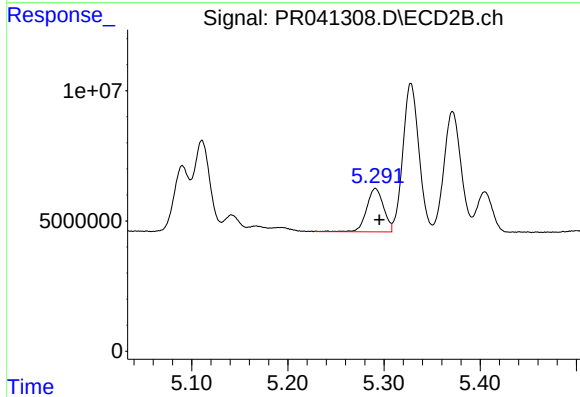
R.T.: 5.111 min
Delta R.T.: -0.006 min
Response: 38544560
Conc: 161.05 ng/ml



#18 AR-1242-3

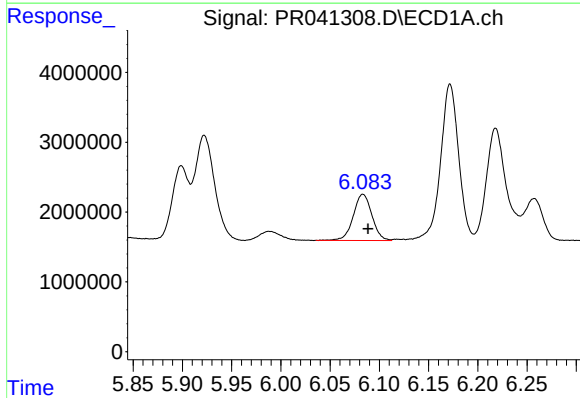
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 2000039
Conc: 31.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



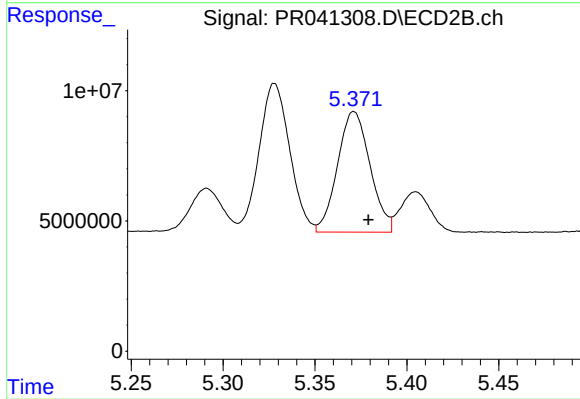
#18 AR-1242-3

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 20453724
Conc: 150.65 ng/ml



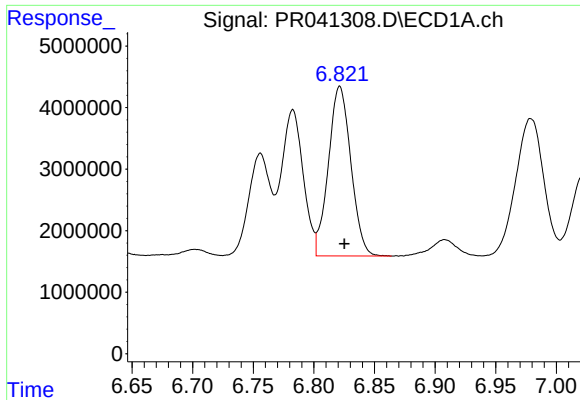
#19 AR-1242-4

R.T.: 6.083 min
Delta R.T.: -0.005 min
Response: 8761308
Conc: 165.80 ng/ml



#19 AR-1242-4

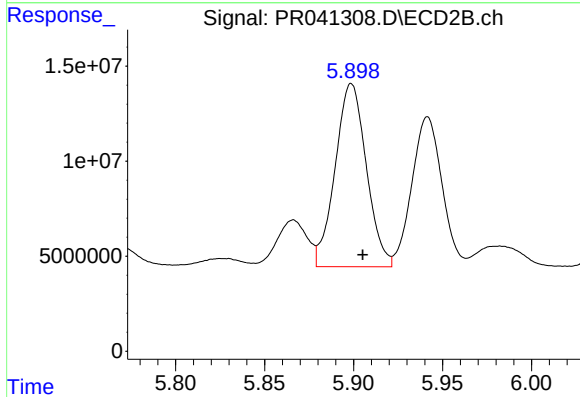
R.T.: 5.371 min
Delta R.T.: -0.008 min
Response: 56988912
Conc: 414.44 ng/ml



#20 AR-1242-5

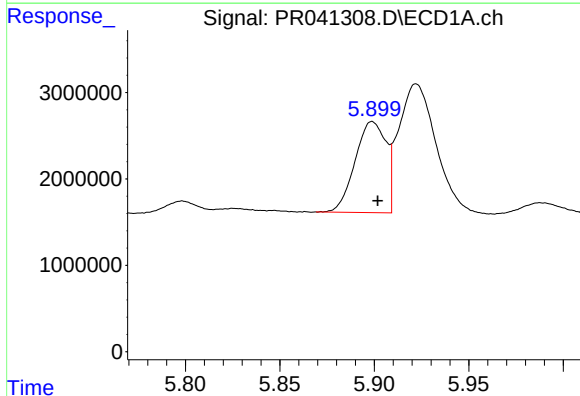
R.T.: 6.821 min
Delta R.T.: -0.004 min
Response: 35605274
Conc: 565.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



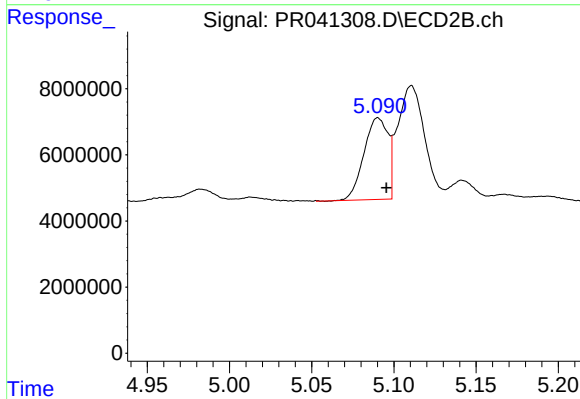
#20 AR-1242-5

R.T.: 5.899 min
Delta R.T.: -0.006 min
Response: 117484877
Conc: 512.26 ng/ml



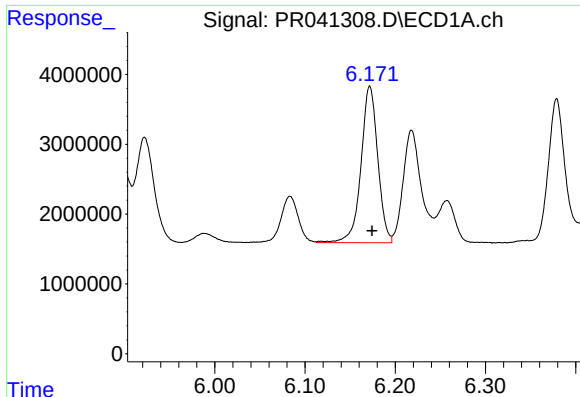
#21 AR-1248-1

R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 12007279
Conc: 205.06 ng/ml



#21 AR-1248-1

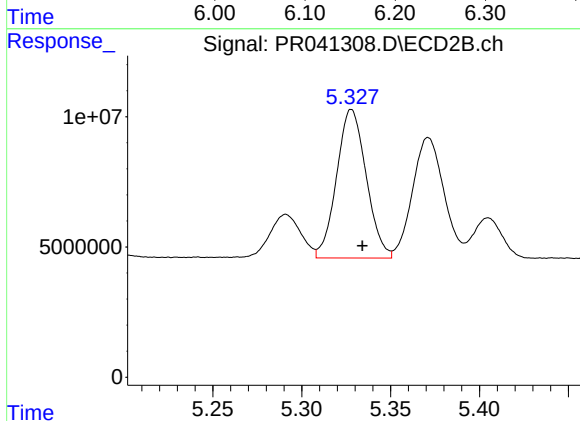
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 25154265
Conc: 181.56 ng/ml



#22 AR-1248-2

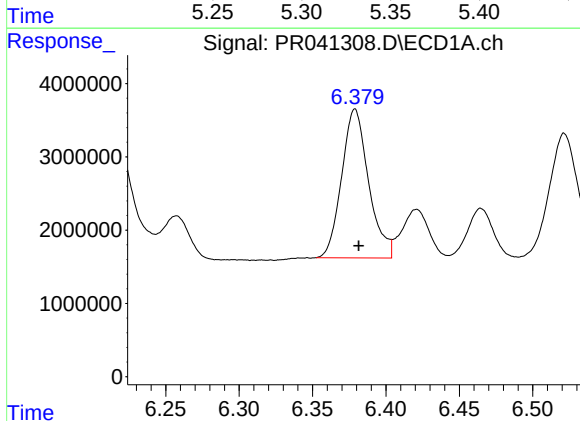
R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 29003106
Conc: 347.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



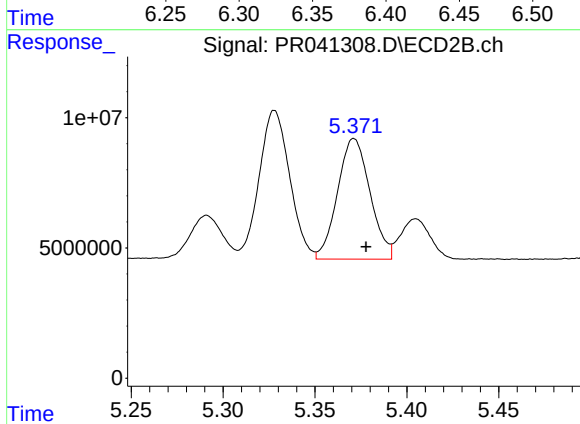
#22 AR-1248-2

R.T.: 5.328 min
Delta R.T.: -0.006 min
Response: 66203063
Conc: 336.58 ng/ml



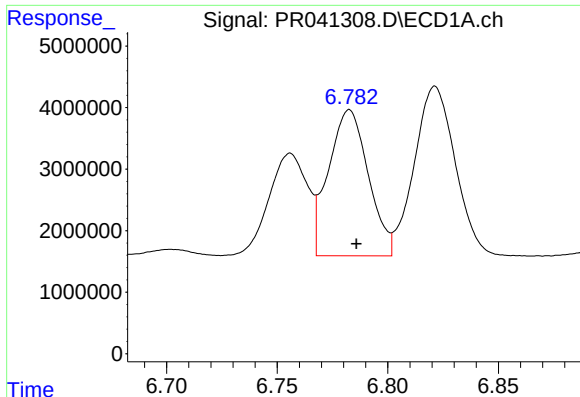
#23 AR-1248-3

R.T.: 6.379 min
Delta R.T.: -0.003 min
Response: 25950973
Conc: 275.07 ng/ml



#23 AR-1248-3

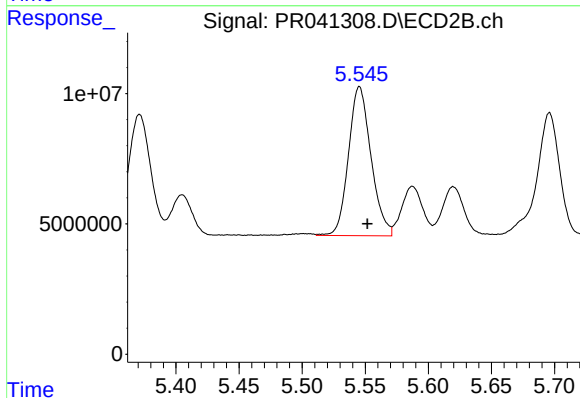
R.T.: 5.371 min
Delta R.T.: -0.007 min
Response: 56988912
Conc: 280.49 ng/ml



#24 AR-1248-4

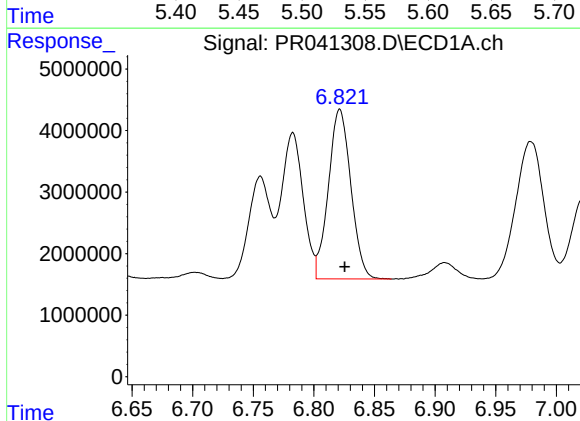
R.T.: 6.783 min
Delta R.T.: -0.003 min
Response: 29722061
Conc: 254.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



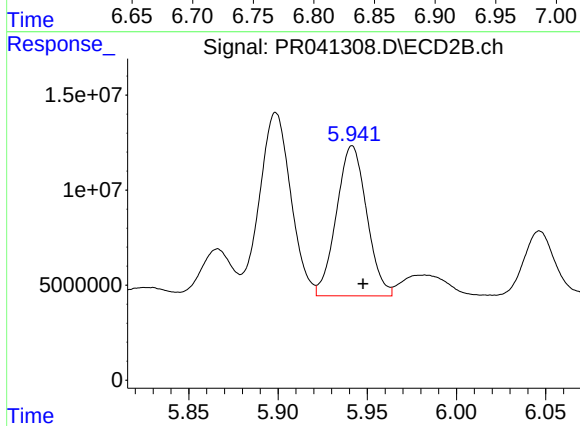
#24 AR-1248-4

R.T.: 5.545 min
Delta R.T.: -0.006 min
Response: 71136477
Conc: 269.83 ng/ml



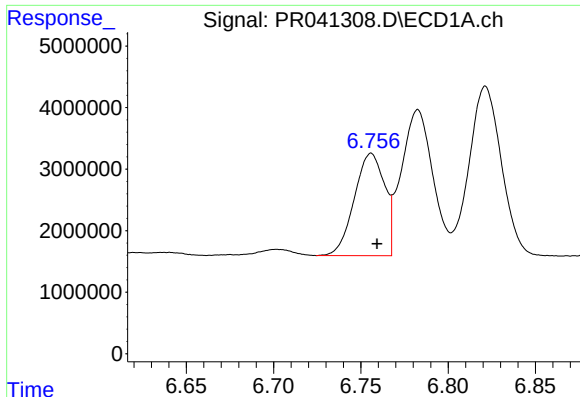
#25 AR-1248-5

R.T.: 6.821 min
Delta R.T.: -0.004 min
Response: 35605274
Conc: 324.67 ng/ml



#25 AR-1248-5

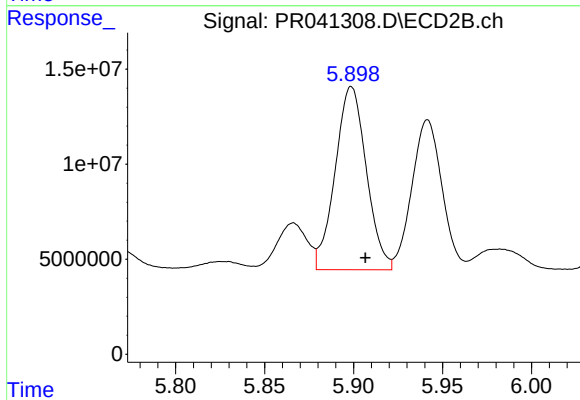
R.T.: 5.942 min
Delta R.T.: -0.006 min
Response: 93326520
Conc: 295.31 ng/ml



#26 AR-1254-1

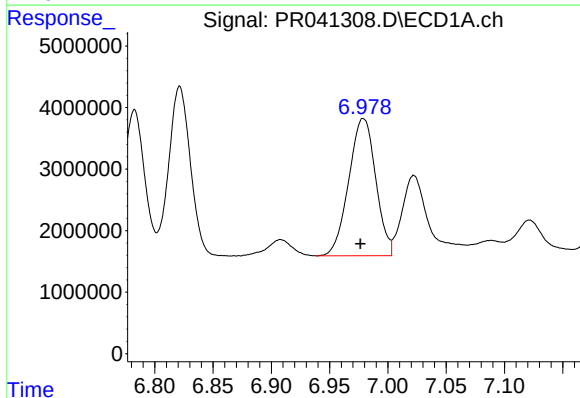
R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 20102519
Conc: 164.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



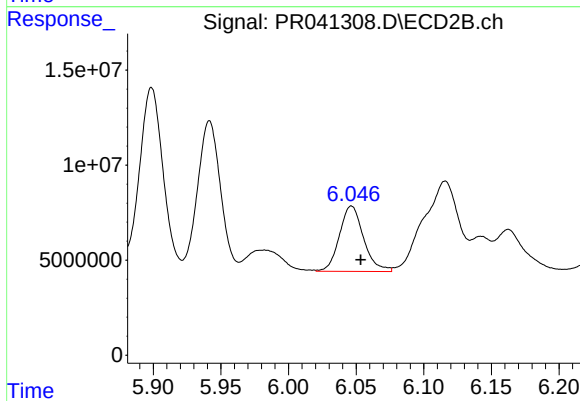
#26 AR-1254-1

R.T.: 5.899 min
Delta R.T.: -0.008 min
Response: 117484877
Conc: 245.39 ng/ml



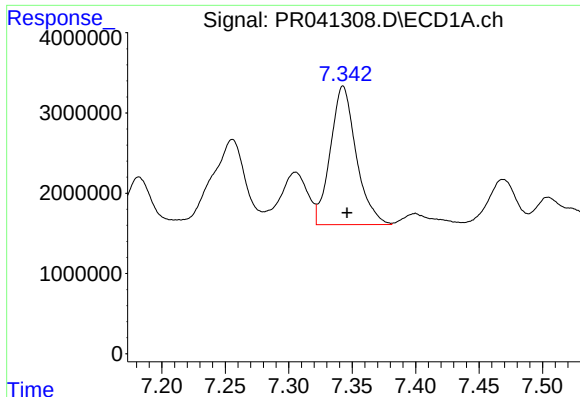
#27 AR-1254-2

R.T.: 6.979 min
Delta R.T.: 0.002 min
Response: 35884879
Conc: 187.43 ng/ml



#27 AR-1254-2

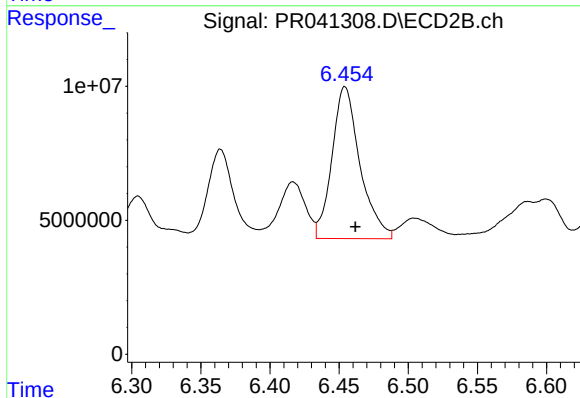
R.T.: 6.047 min
Delta R.T.: -0.007 min
Response: 42865724
Conc: 97.08 ng/ml



#28 AR-1254-3

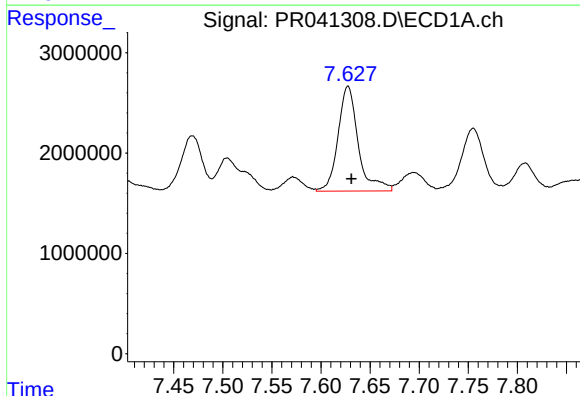
R.T.: 7.343 min
Delta R.T.: -0.003 min
Response: 24501071
Conc: 113.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



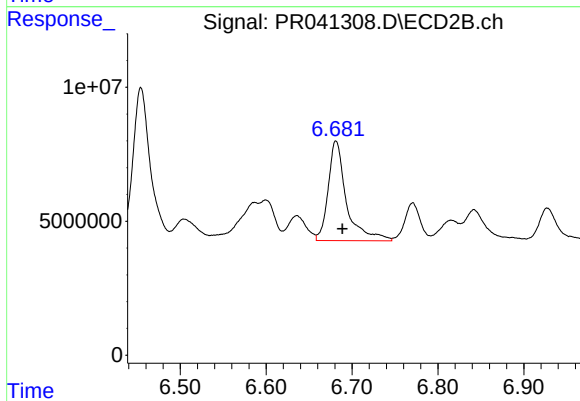
#28 AR-1254-3

R.T.: 6.454 min
Delta R.T.: -0.007 min
Response: 80111117
Conc: 106.49 ng/ml



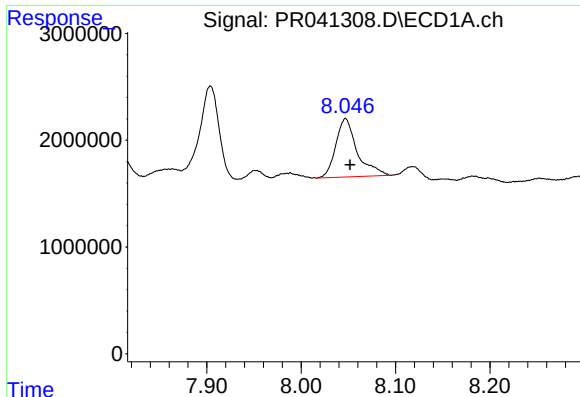
#29 AR-1254-4

R.T.: 7.627 min
Delta R.T.: -0.003 min
Response: 14978568
Conc: 91.95 ng/ml



#29 AR-1254-4

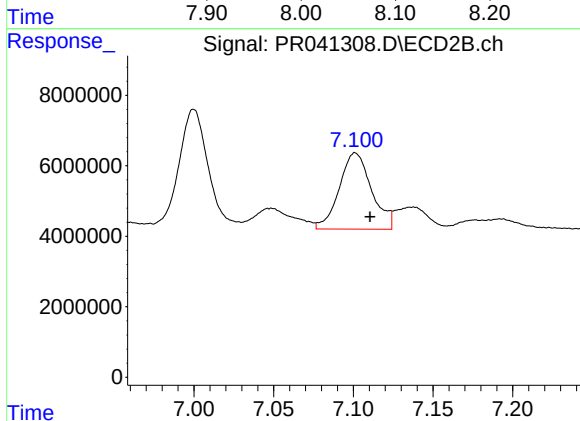
R.T.: 6.681 min
Delta R.T.: -0.008 min
Response: 55237426
Conc: 105.63 ng/ml



#30 AR-1254-5

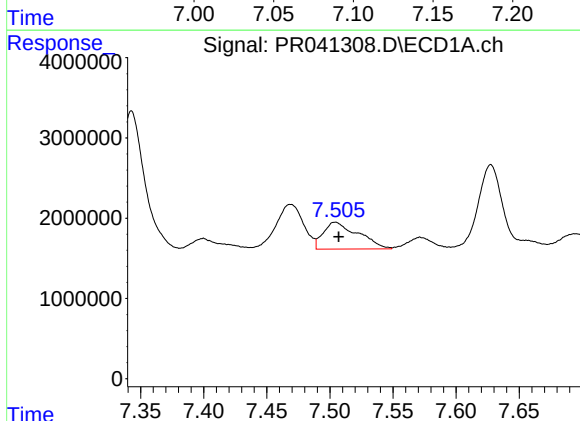
R.T.: 8.047 min
Delta R.T.: -0.005 min
Response: 8609065
Conc: 47.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



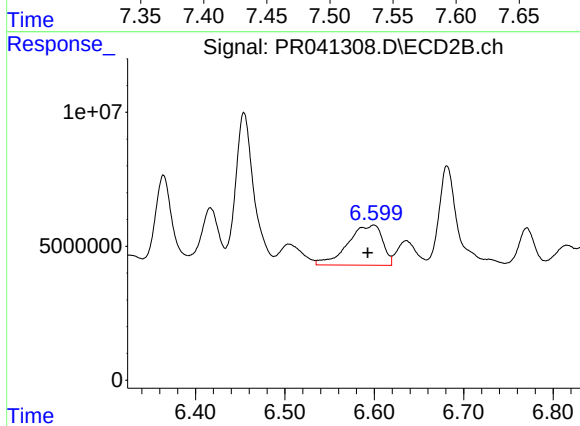
#30 AR-1254-5

R.T.: 7.101 min
Delta R.T.: -0.009 min
Response: 30548285
Conc: 47.81 ng/ml



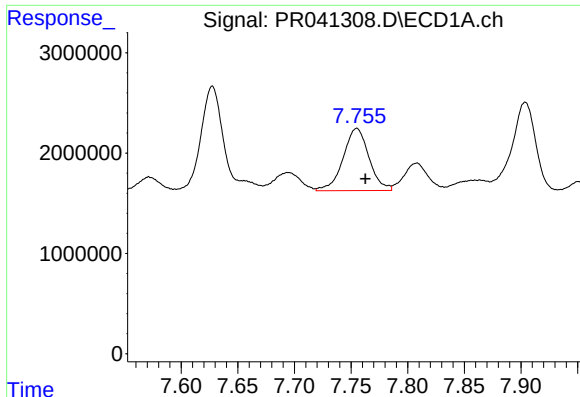
#31 AR-1260-1

R.T.: 7.505 min
Delta R.T.: -0.003 min
Response: 6447910
Conc: 41.77 ng/ml



#31 AR-1260-1

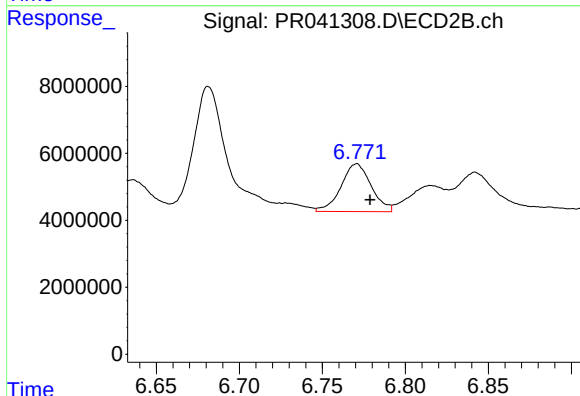
R.T.: 6.600 min
Delta R.T.: 0.007 min
Response: 40361452
Conc: 79.23 ng/ml



#32 AR-1260-2

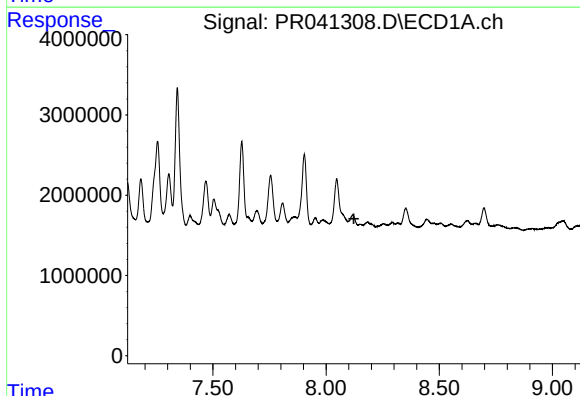
R.T.: 7.755 min
Delta R.T.: -0.008 min
Response: 9858788
Conc: 53.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



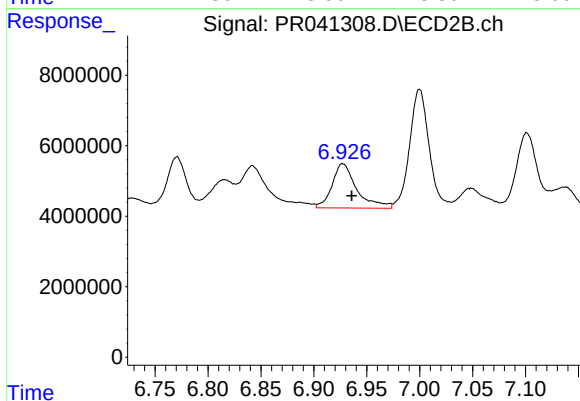
#32 AR-1260-2

R.T.: 6.771 min
Delta R.T.: -0.008 min
Response: 18021228
Conc: 28.35 ng/ml



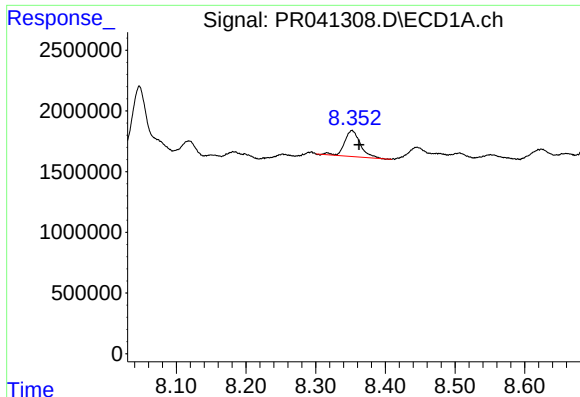
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.123 min
Response: 0
Conc: N.D.



#33 AR-1260-3

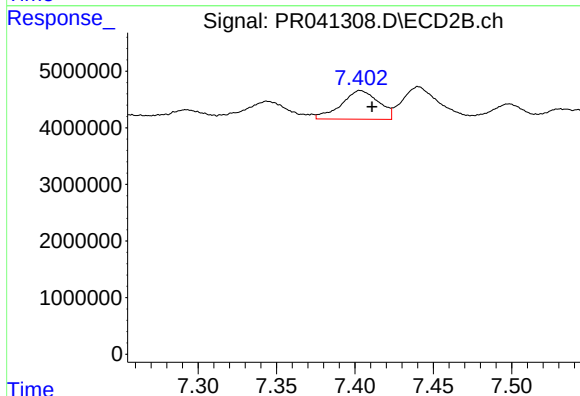
R.T.: 6.927 min
Delta R.T.: -0.008 min
Response: 20388191
Conc: 35.35 ng/ml



#34 AR-1260-4

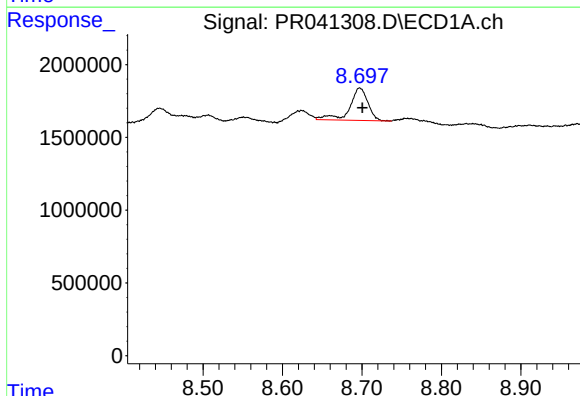
R.T.: 8.352 min
Delta R.T.: -0.010 min
Response: 3392975
Conc: 20.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ6



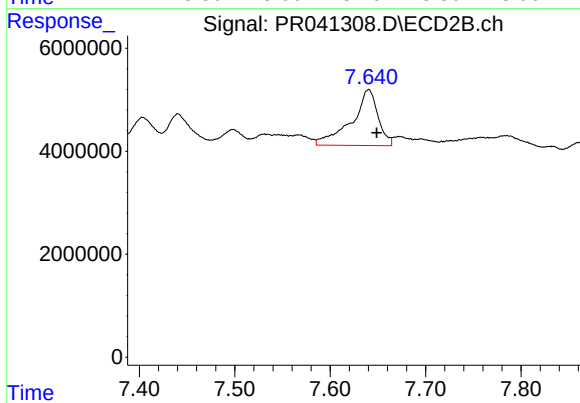
#34 AR-1260-4

R.T.: 7.403 min
Delta R.T.: -0.007 min
Response: 8388605
Conc: 16.99 ng/ml



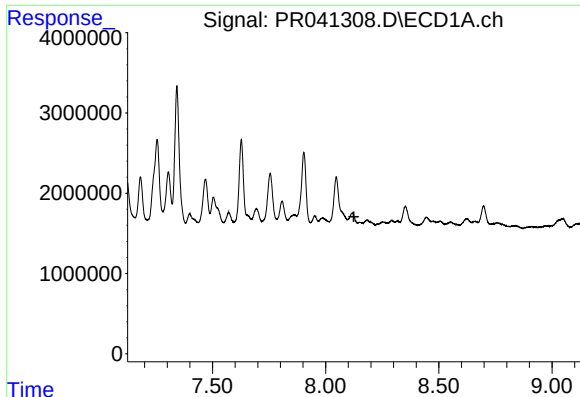
#35 AR-1260-5

R.T.: 8.697 min
Delta R.T.: -0.003 min
Response: 3549756
Conc: 10.38 ng/ml



#35 AR-1260-5

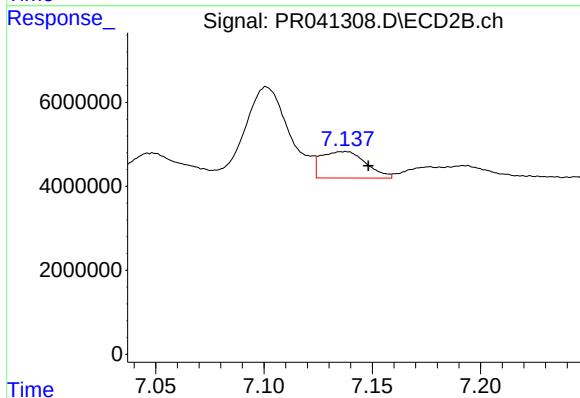
R.T.: 7.640 min
Delta R.T.: -0.008 min
Response: 20921221
Conc: 16.08 ng/ml



#36 AR-1262-1

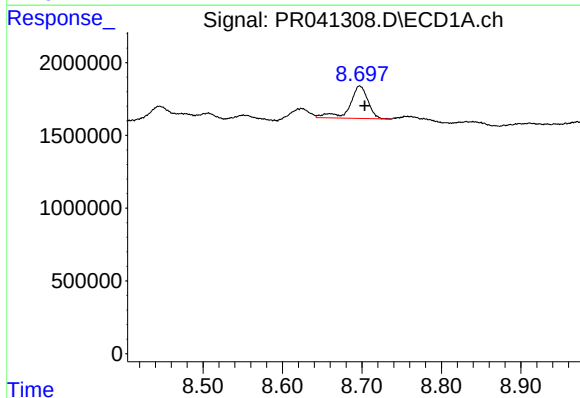
R.T.: 0.000 min
Exp R.T.: 8.125 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ6



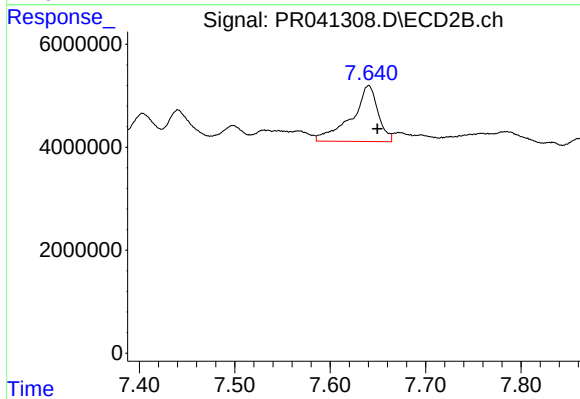
#36 AR-1262-1

R.T.: 7.137 min
Delta R.T.: -0.011 min
Response: 9089272
Conc: 11.09 ng/ml



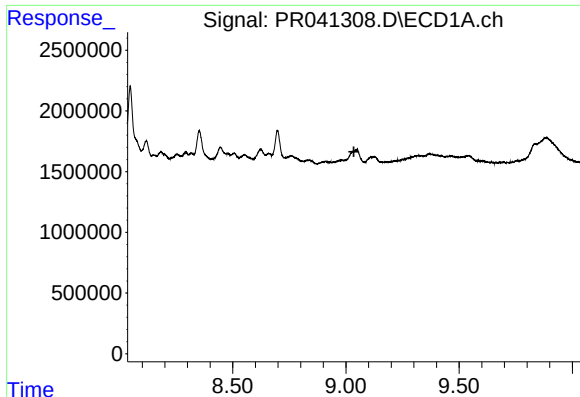
#37 AR-1262-2

R.T.: 8.697 min
Delta R.T.: -0.006 min
Response: 3549756
Conc: 8.10 ng/ml



#37 AR-1262-2

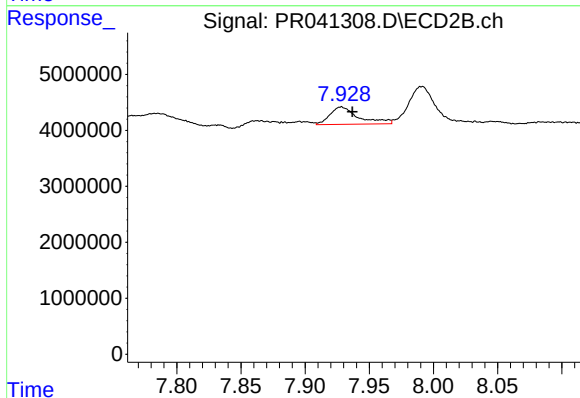
R.T.: 7.640 min
Delta R.T.: -0.009 min
Response: 20921221
Conc: 13.41 ng/ml



#38 AR-1262-3

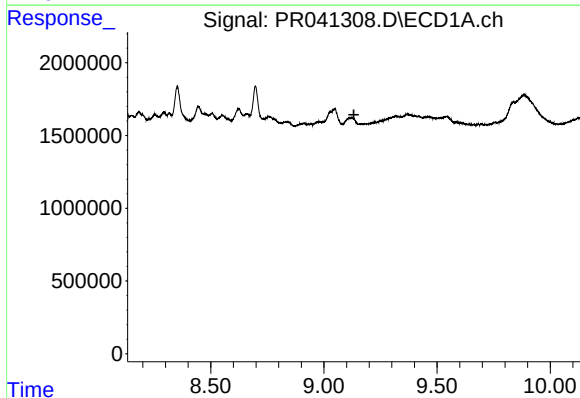
R.T.: 0.000 min
Exp R.T.: 9.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ6



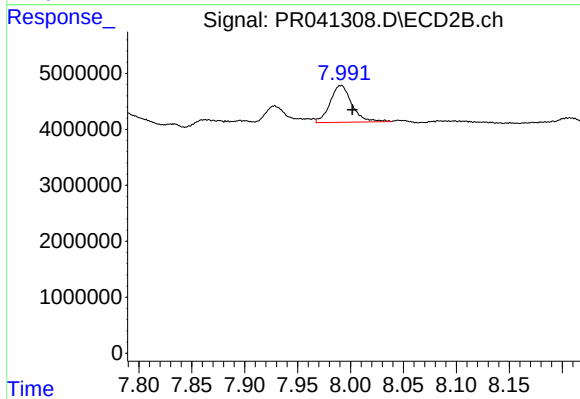
#38 AR-1262-3

R.T.: 7.928 min
Delta R.T.: -0.009 min
Response: 4812614
Conc: 7.97 ng/ml



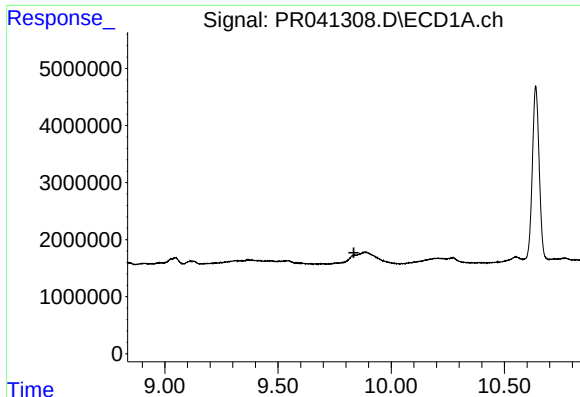
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.132 min
Response: 0
Conc: N.D.



#39 AR-1262-4

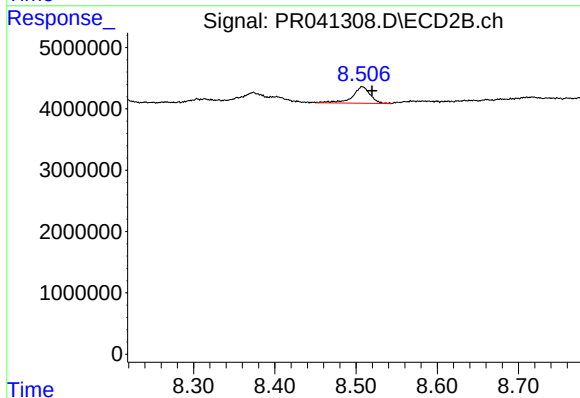
R.T.: 7.991 min
Delta R.T.: -0.011 min
Response: 9420283
Conc: 8.45 ng/ml



#40 AR-1262-5

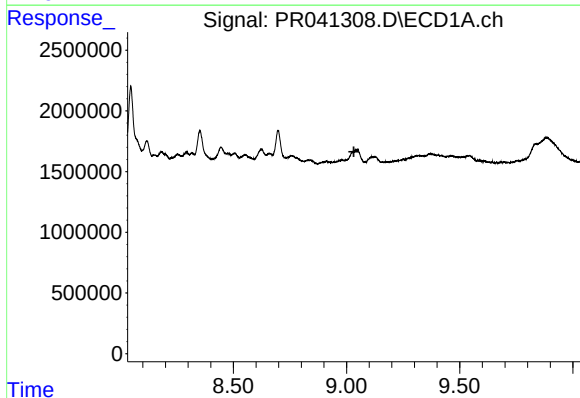
R.T.: 0.000 min
Exp R.T. : 9.835 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ6



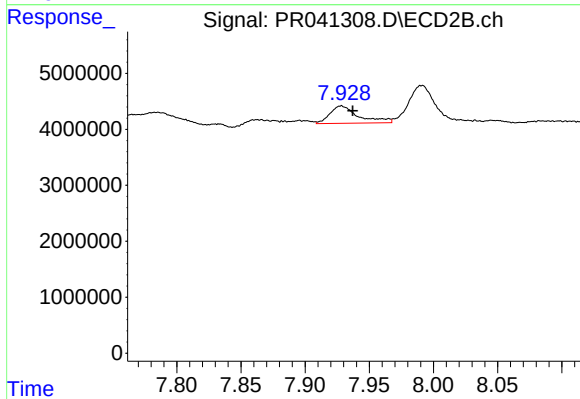
#40 AR-1262-5

R.T.: 8.508 min
Delta R.T.: -0.012 min
Response: 4020735
Conc: 7.69 ng/ml



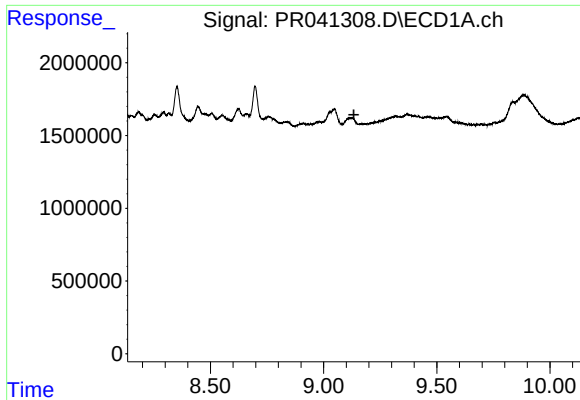
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.032 min
Response: 0
Conc: N.D.



#41 AR-1268-1

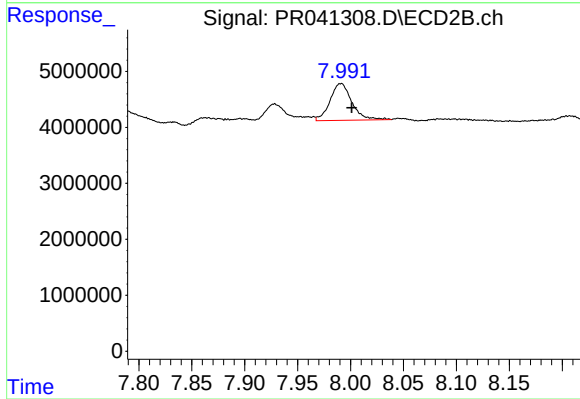
R.T.: 7.928 min
Delta R.T.: -0.009 min
Response: 4812614
Conc: 3.00 ng/ml



#42 AR-1268-2

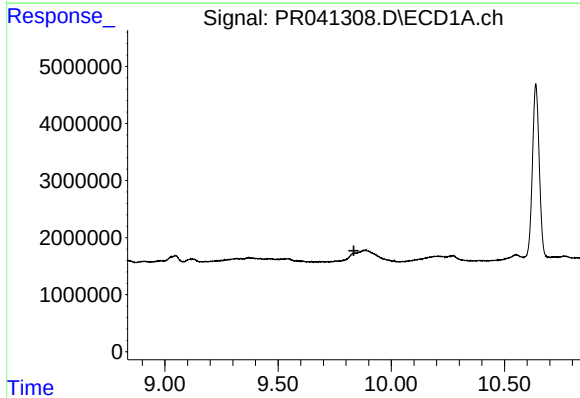
R.T.: 0.000 min
Exp R.T.: 9.134 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ6



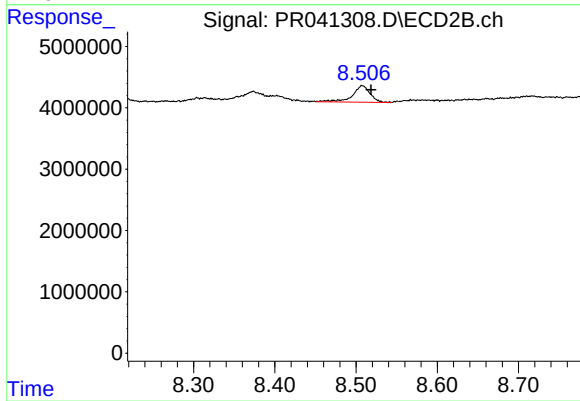
#42 AR-1268-2

R.T.: 7.991 min
Delta R.T.: -0.010 min
Response: 9420283
Conc: 6.30 ng/ml



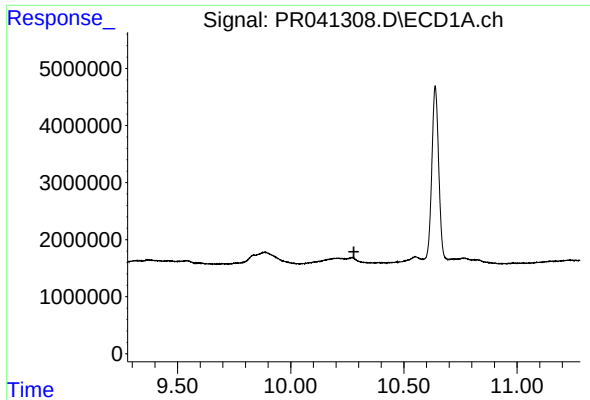
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.835 min
Response: 0
Conc: N.D.



#44 AR-1268-4

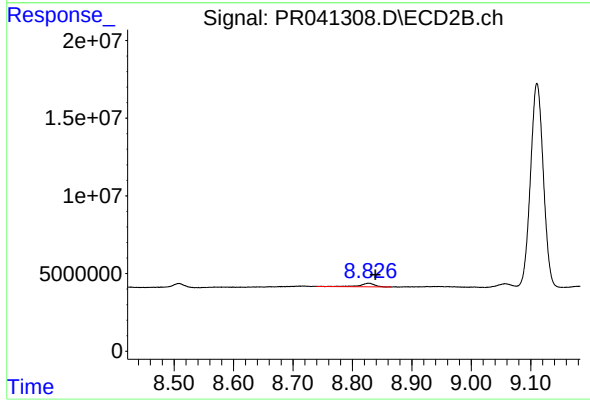
R.T.: 8.508 min
Delta R.T.: -0.011 min
Response: 4020735
Conc: 7.72 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.279 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ6



#45 AR-1268-5

R.T.: 8.827 min
Delta R.T.: -0.011 min
Response: 3835569
Conc: 1.04 ng/ml