

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040921\
 Data File : PR049945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2021 20:11
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660312

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 04:35:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040621CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 07 06:22:57 2021
 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...	4.637	3.821	93315995	145.2E6	20.976	19.678
2)	SA Decachlor...	10.509	8.856	208.7E6	264.1E6	31.622	31.597
Target Compounds							
3)	L1 AR-1016-1	5.818	4.908	78870691	112.8E6	371.753	415.676
4)	L1 AR-1016-2	5.841	4.927	111.8E6	162.3E6	371.426	408.100
5)	L1 AR-1016-3	5.903	5.103	66565977	84504654	366.858	404.064
6)	L1 AR-1016-4	6.003	5.144	55965420	62778646	368.907	386.180
7)	L1 AR-1016-5	6.297	5.357	57168963	86552123	371.866	399.748
8)	L2 AR-1221-1	4.845	4.033	6468098	9598434	117.233	117.863
9)	L2 AR-1221-2	4.938	4.120	8553900	12597874	213.131	216.734
10)	L2 AR-1221-3	5.016	4.196	35781990	52952677	267.066	269.534
11)	L3 AR-1232-1	5.016	4.196	35781990	52952677	336.682	344.025
12)	L3 AR-1232-2	5.548	4.927	53667883	162.3E6	885.110	995.209
13)	L3 AR-1232-3	5.841	5.103	111.8E6	84504654	891.216	982.377
14)	L3 AR-1232-4	6.003	5.186	55965420	77975054	890.188	1038.554
15)	L3 AR-1232-5	6.089	5.357	49321969	86552123	991.228	1028.931
16)	L4 AR-1242-1	5.818	4.908	78870691	112.8E6	412.943	463.764
17)	L4 AR-1242-2	5.841	4.927	111.8E6	162.3E6	417.298	459.676
18)	L4 AR-1242-3	5.903	5.103	66565977	84504654	408.160	452.217
19)	L4 AR-1242-4	6.003	5.186	55965420	77975054	411.688	442.809
20)	L4 AR-1242-5	6.741	5.709	8745330	62344252	55.221	261.894 #
21)	L5 AR-1248-1	5.818	4.908	78870691	112.8E6	615.018	674.259
22)	L5 AR-1248-2	6.089	5.144	49321969	62778646	266.960	279.286
23)	L5 AR-1248-3	6.297	5.186	57168963	77975054	273.709	326.376
24)	L5 AR-1248-4	6.701	5.357	10360827	86552123	41.375	294.358 #
25)	L5 AR-1248-5	6.741	5.749	8745330	11746744	36.124	38.414
26)	L6 AR-1254-1	6.673	5.709	41225496	62344252	117.837	95.276
27)	L6 AR-1254-2	6.890	5.855	44056572	55394474	79.272	98.511
28)	L6 AR-1254-3	7.262	6.274	26611157	130.6E6	42.473	132.690 #
29)	L6 AR-1254-4	7.547	6.485	19087999	15826524	39.722	26.196 #
30)	L6 AR-1254-5	7.966	6.901	150.6E6	206.0E6	281.779	236.439
31)	L7 AR-1260-1	7.422	6.388	104.0E6	149.3E6	365.700	370.590
32)	L7 AR-1260-2	7.679	6.574	126.4E6	181.3E6	360.172	369.130
33)	L7 AR-1260-3	8.037	6.728	95135787	172.0E6	347.591	365.457
34)	L7 AR-1260-4	8.273	7.200	113.1E6	142.7E6	348.631	354.648
35)	L7 AR-1260-5	8.608	7.439	233.2E6	357.6E6	343.751	357.826
36)	L8 AR-1262-1	8.037	6.901	95135787	206.0E6	193.824	577.839 #
37)	L8 AR-1262-2	8.608	7.439	233.2E6	357.6E6	246.871	273.167
38)	L8 AR-1262-3	8.956	7.723	148.9E6	71881355	238.480	147.266 #
39)	L8 AR-1262-4	9.011	7.786	89652241	250.8E6	194.246	261.069 #
40)	L8 AR-1262-5	9.725	8.286	67821893	87717237	201.198	202.692
41)	L9 AR-1268-1	8.956	7.723	148.9E6	71881355	144.616	52.411 #
42)	L9 AR-1268-2	9.011	7.786	89652241	250.8E6	95.721	196.731 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040921\
 Data File : PR049945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2021 20:11
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

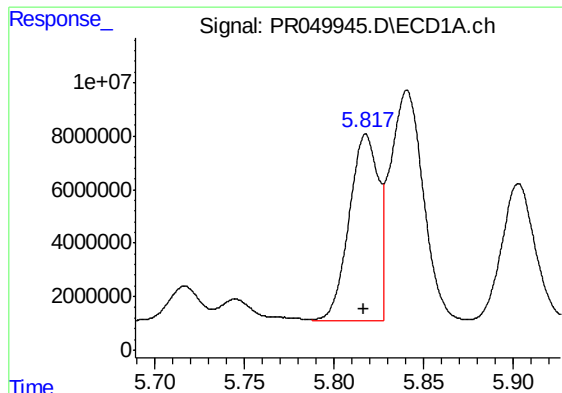
Instrument :
 ECD_R
 ClientSampleId :
 AR1660312

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 04:35:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040621CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 07 06:22:57 2021
 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
43) L9	AR-1268-3	9.267	7.996	3393407	4050243	4.248	3.809
44) L9	AR-1268-4	9.725	8.286	67821893	87717237	193.423	193.337
45) L9	AR-1268-5	10.157	8.589	17852535	22799909	6.488	6.579

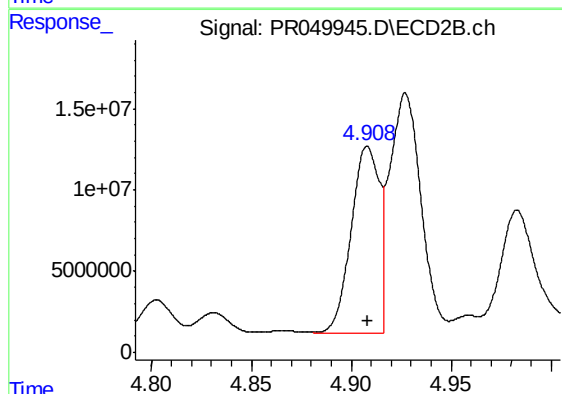
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

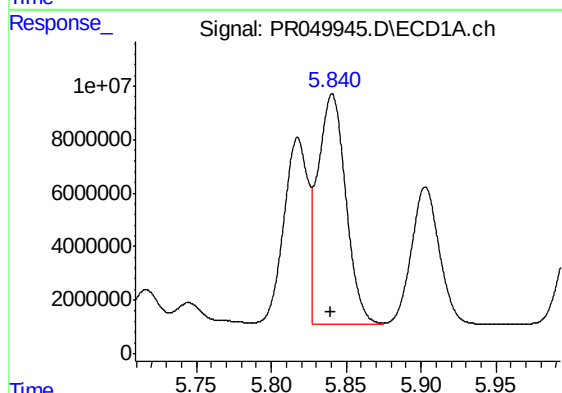
R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 78870691
Conc: 371.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



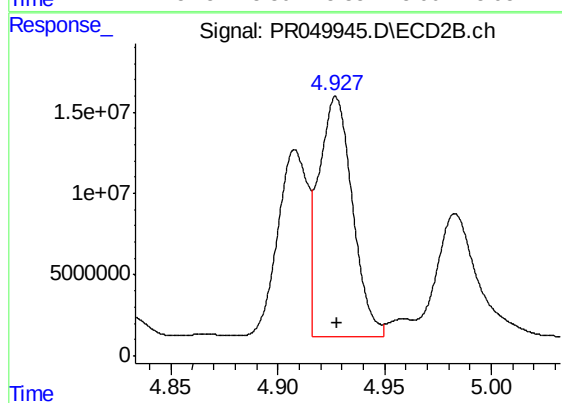
#3 AR-1016-1

R.T.: 4.908 min
Delta R.T.: 0.000 min
Response: 112781609
Conc: 415.68 ng/ml



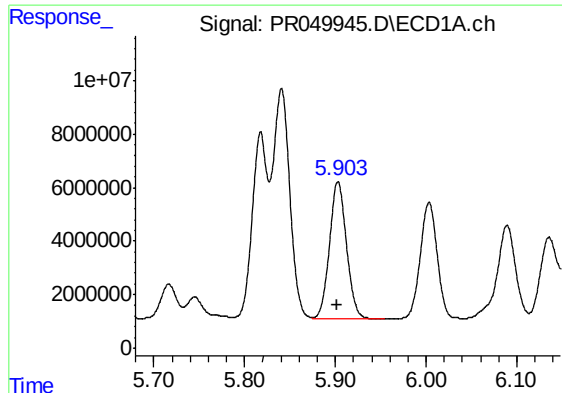
#4 AR-1016-2

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 111800642
Conc: 371.43 ng/ml



#4 AR-1016-2

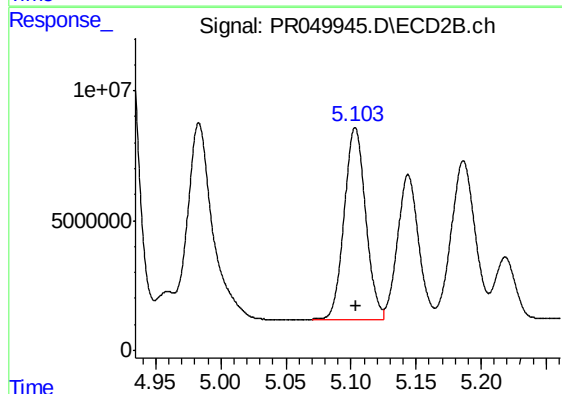
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 162265487
Conc: 408.10 ng/ml



#5 AR-1016-3

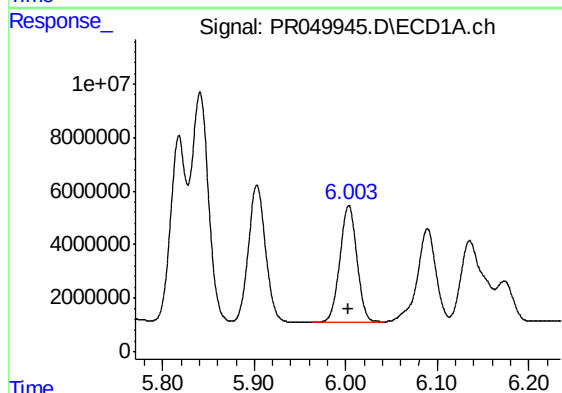
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 66565977
Conc: 366.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



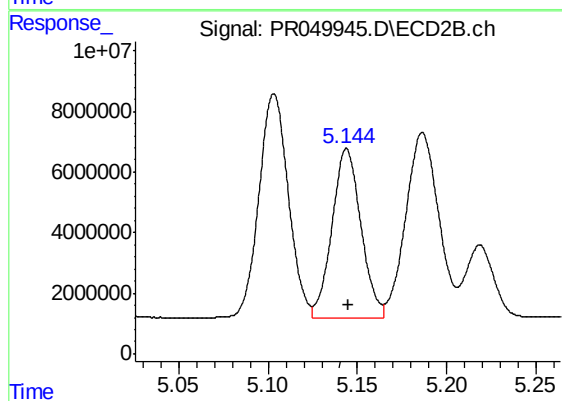
#5 AR-1016-3

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 84504654
Conc: 404.06 ng/ml



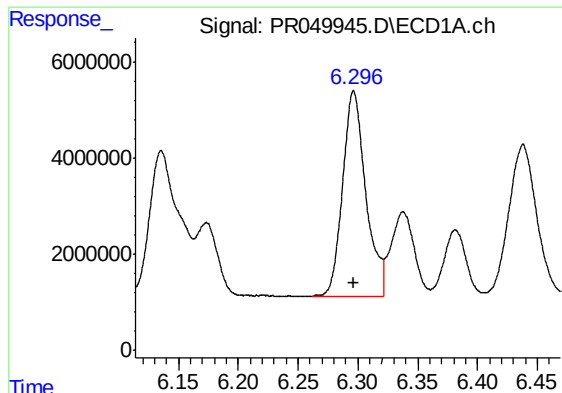
#6 AR-1016-4

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 55965420
Conc: 368.91 ng/ml



#6 AR-1016-4

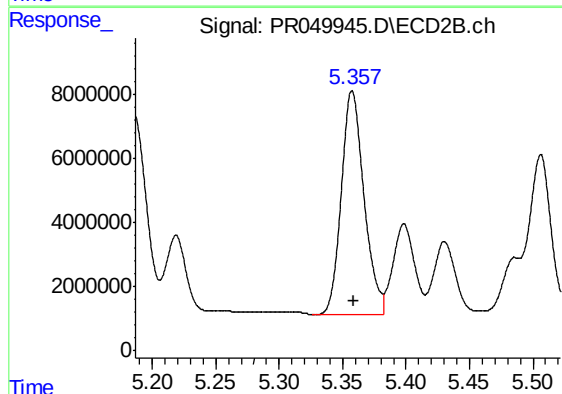
R.T.: 5.144 min
Delta R.T.: 0.000 min
Response: 62778646
Conc: 386.18 ng/ml



#7 AR-1016-5

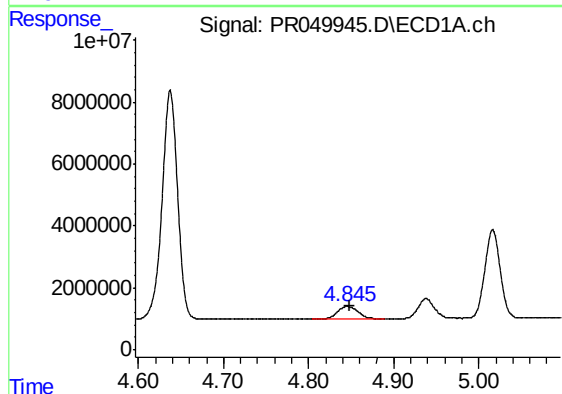
R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 57168963
Conc: 371.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



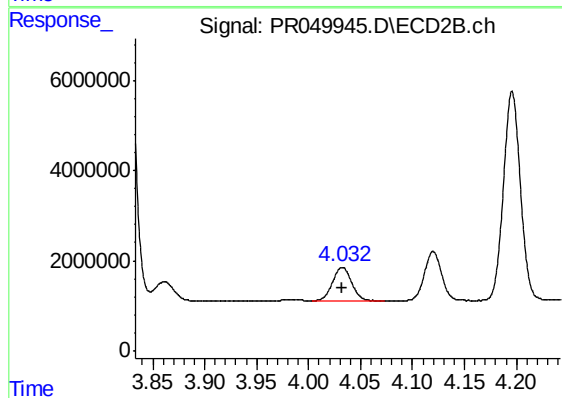
#7 AR-1016-5

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 86552123
Conc: 399.75 ng/ml



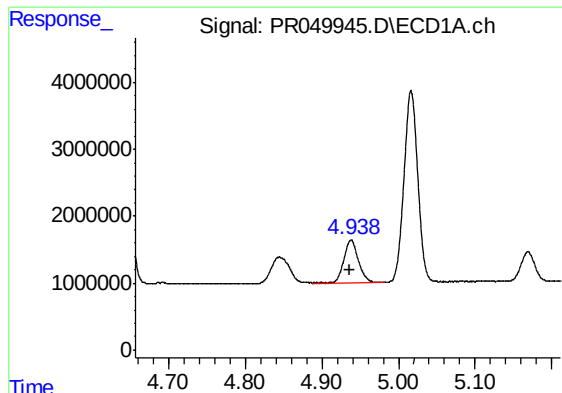
#8 AR-1221-1

R.T.: 4.845 min
Delta R.T.: -0.003 min
Response: 6468098
Conc: 117.23 ng/ml



#8 AR-1221-1

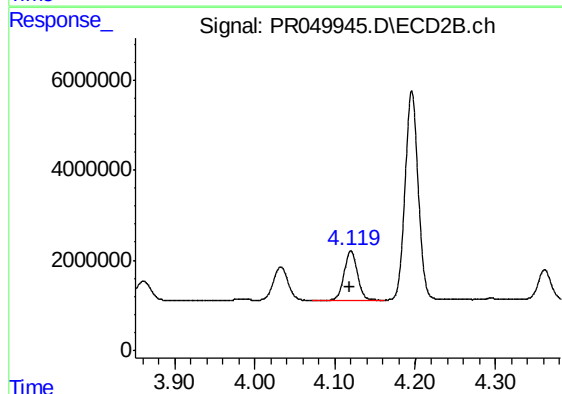
R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 9598434
Conc: 117.86 ng/ml



#9 AR-1221-2

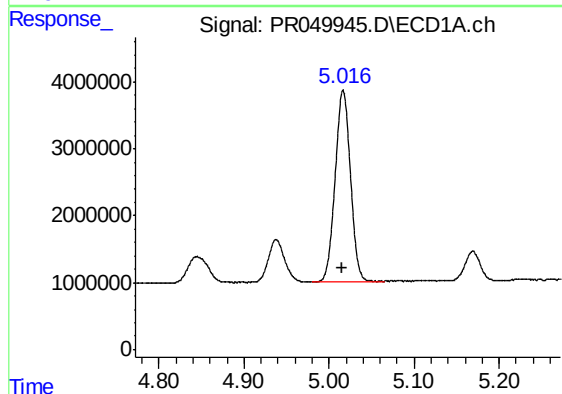
R.T.: 4.938 min
Delta R.T.: 0.001 min
Response: 8553900
Conc: 213.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



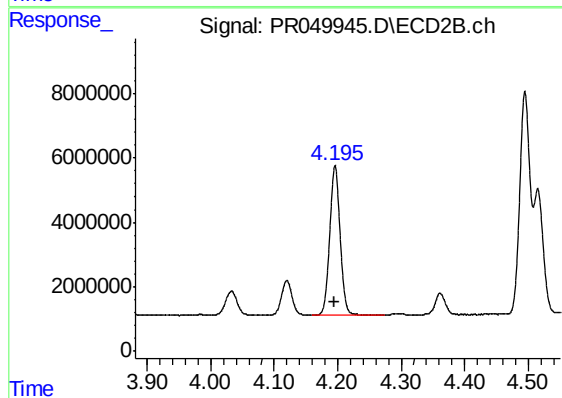
#9 AR-1221-2

R.T.: 4.120 min
Delta R.T.: 0.001 min
Response: 12597874
Conc: 216.73 ng/ml



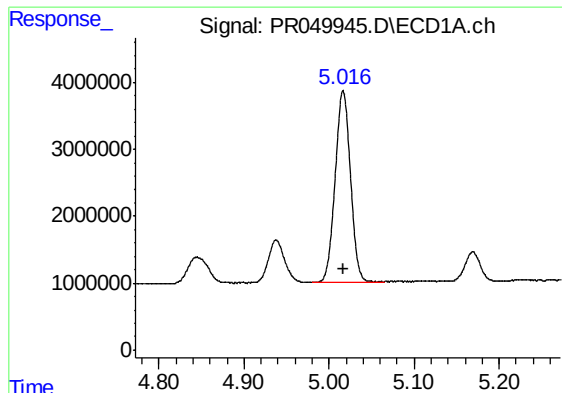
#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: 0.001 min
Response: 35781990
Conc: 267.07 ng/ml



#10 AR-1221-3

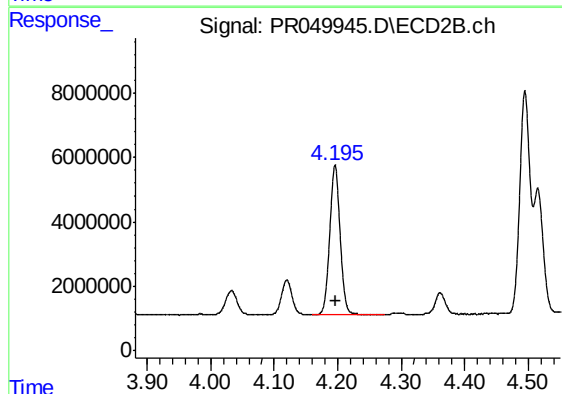
R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 52952677
Conc: 269.53 ng/ml



#11 AR-1232-1

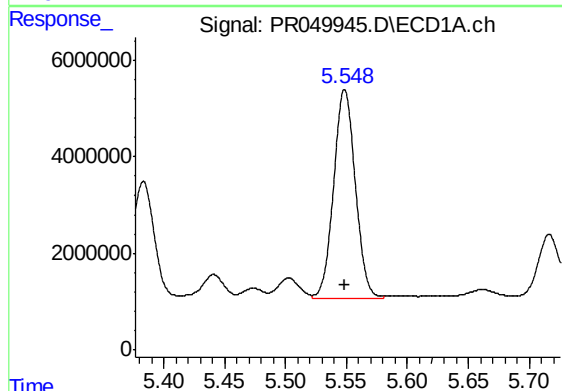
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 35781990
Conc: 336.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



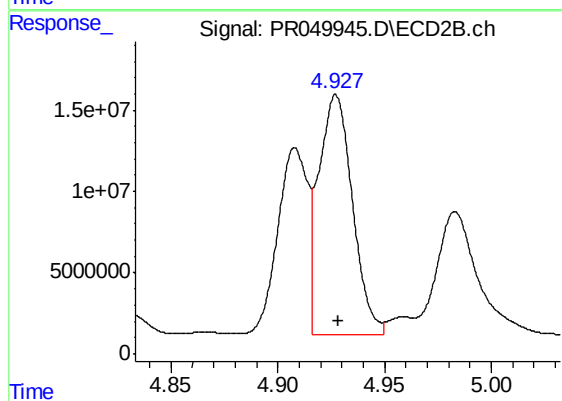
#11 AR-1232-1

R.T.: 4.196 min
Delta R.T.: -0.001 min
Response: 52952677
Conc: 344.03 ng/ml



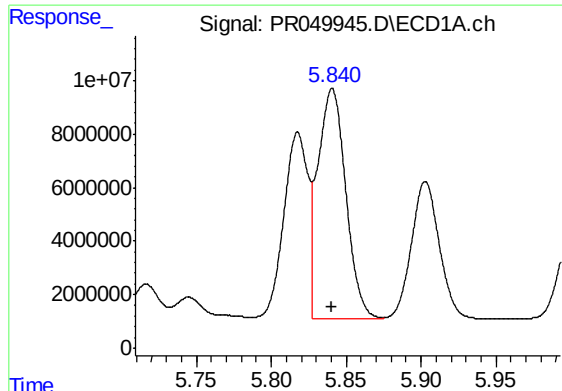
#12 AR-1232-2

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 53667883
Conc: 885.11 ng/ml



#12 AR-1232-2

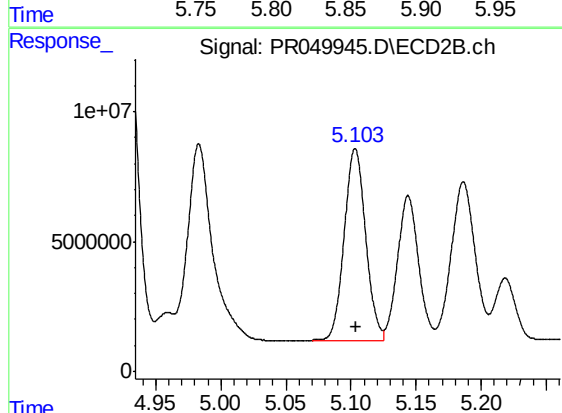
R.T.: 4.927 min
Delta R.T.: -0.001 min
Response: 162265487
Conc: 995.21 ng/ml



#13 AR-1232-3

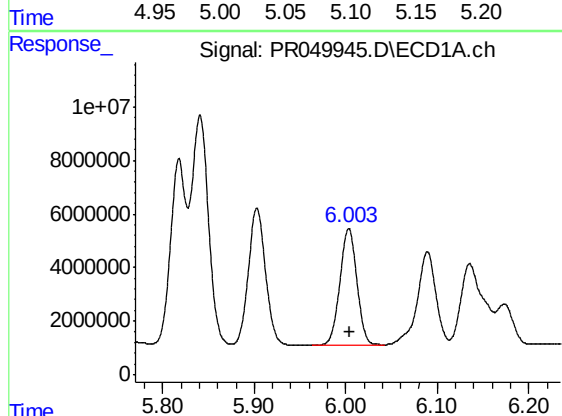
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 111800642
Conc: 891.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



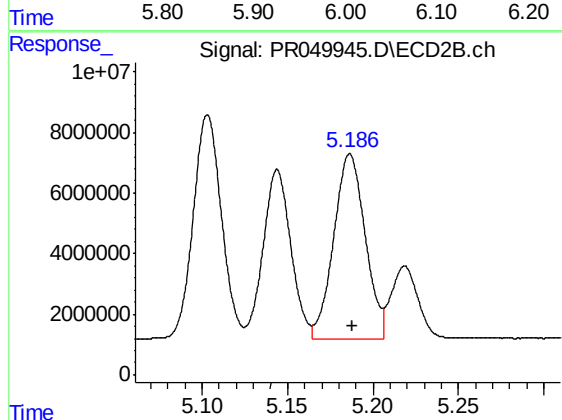
#13 AR-1232-3

R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 84504654
Conc: 982.38 ng/ml



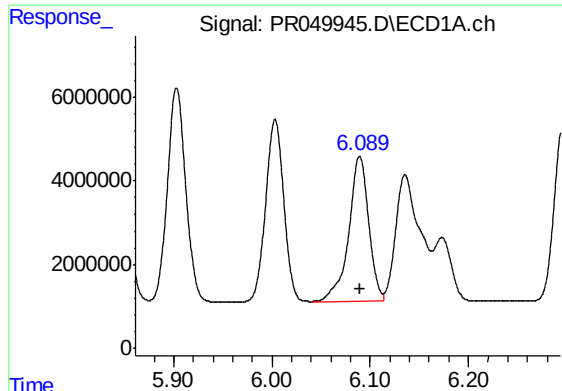
#14 AR-1232-4

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 55965420
Conc: 890.19 ng/ml



#14 AR-1232-4

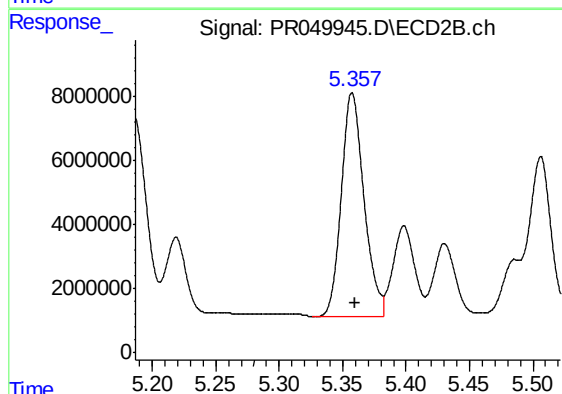
R.T.: 5.186 min
Delta R.T.: -0.002 min
Response: 77975054
Conc: 1038.55 ng/ml



#15 AR-1232-5

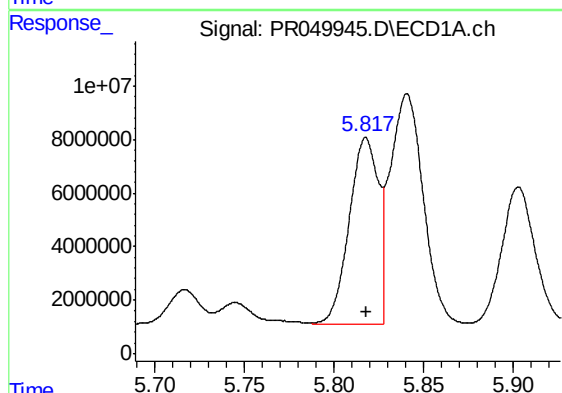
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 49321969
Conc: 991.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



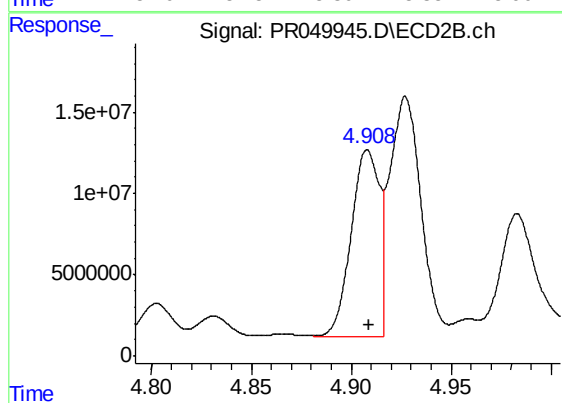
#15 AR-1232-5

R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 86552123
Conc: 1028.93 ng/ml



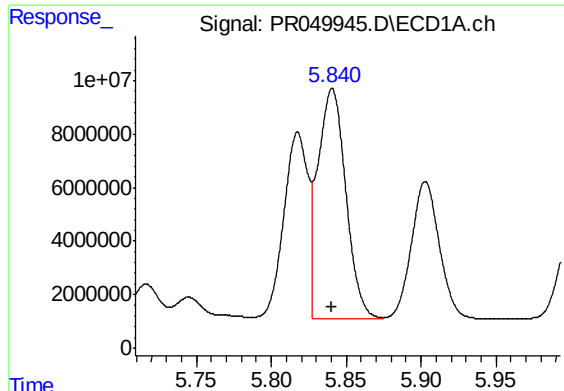
#16 AR-1242-1

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 78870691
Conc: 412.94 ng/ml



#16 AR-1242-1

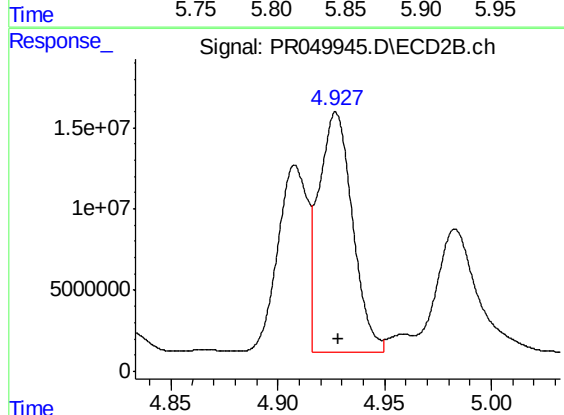
R.T.: 4.908 min
Delta R.T.: 0.000 min
Response: 112781609
Conc: 463.76 ng/ml



#17 AR-1242-2

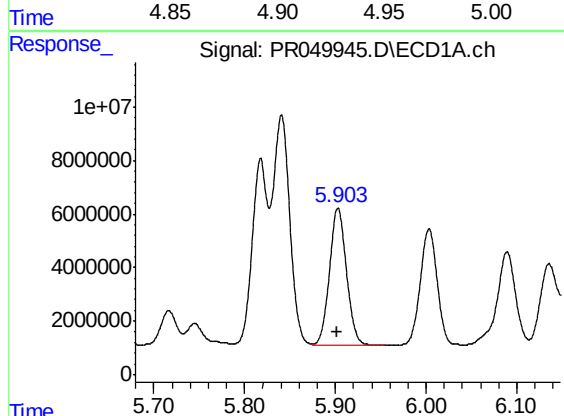
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 111800642
Conc: 417.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



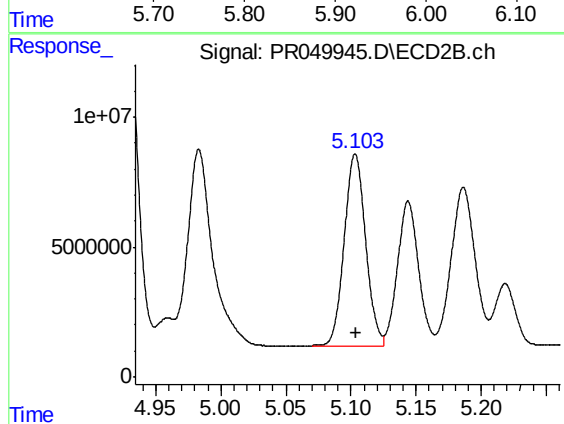
#17 AR-1242-2

R.T.: 4.927 min
Delta R.T.: -0.001 min
Response: 162265487
Conc: 459.68 ng/ml



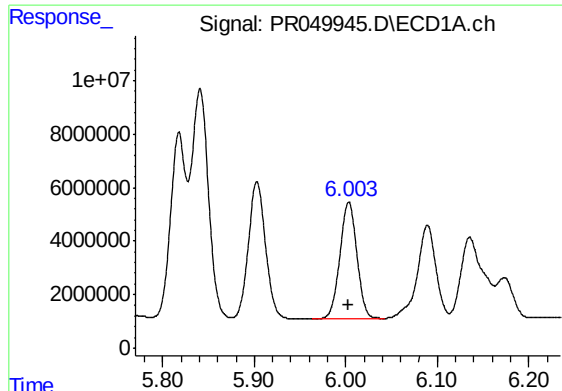
#18 AR-1242-3

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 66565977
Conc: 408.16 ng/ml



#18 AR-1242-3

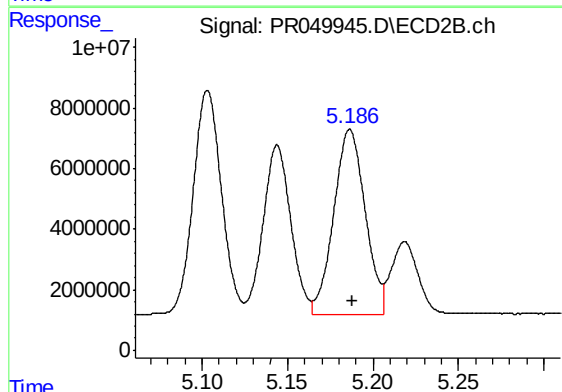
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 84504654
Conc: 452.22 ng/ml



#19 AR-1242-4

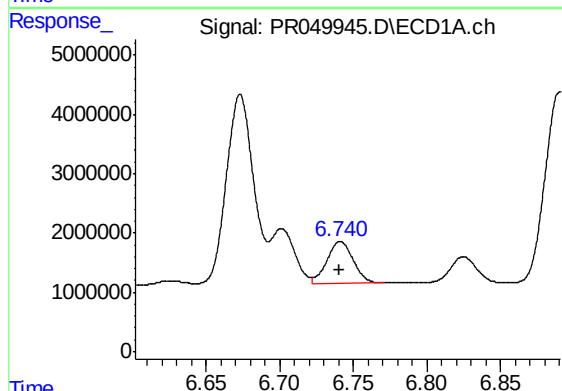
R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 55965420
Conc: 411.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



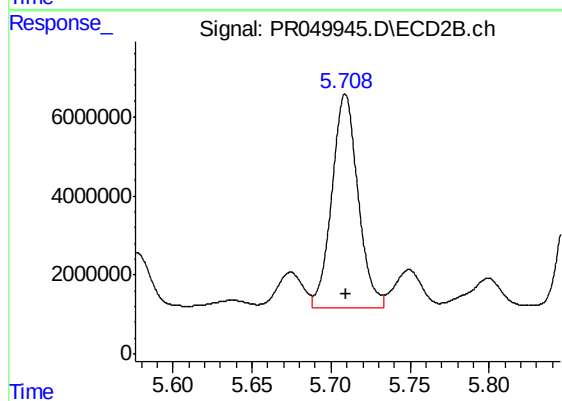
#19 AR-1242-4

R.T.: 5.186 min
Delta R.T.: -0.001 min
Response: 77975054
Conc: 442.81 ng/ml



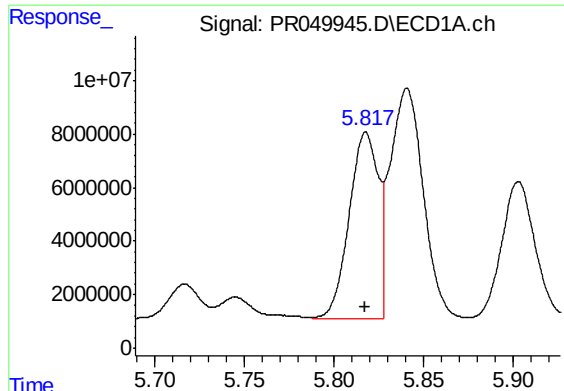
#20 AR-1242-5

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 8745330
Conc: 55.22 ng/ml



#20 AR-1242-5

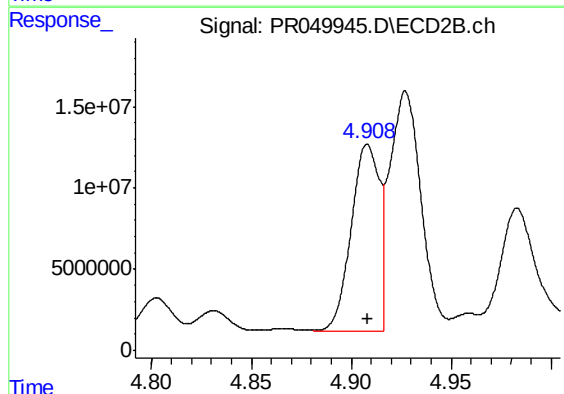
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 62344252
Conc: 261.89 ng/ml



#21 AR-1248-1

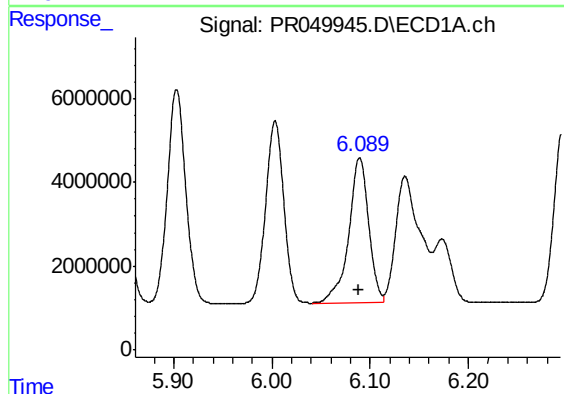
R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 78870691
Conc: 615.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



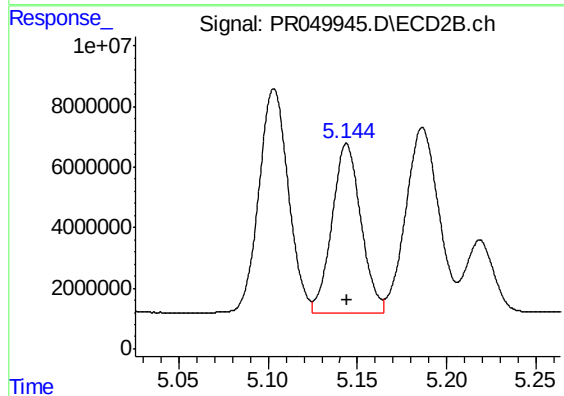
#21 AR-1248-1

R.T.: 4.908 min
Delta R.T.: 0.000 min
Response: 112781609
Conc: 674.26 ng/ml



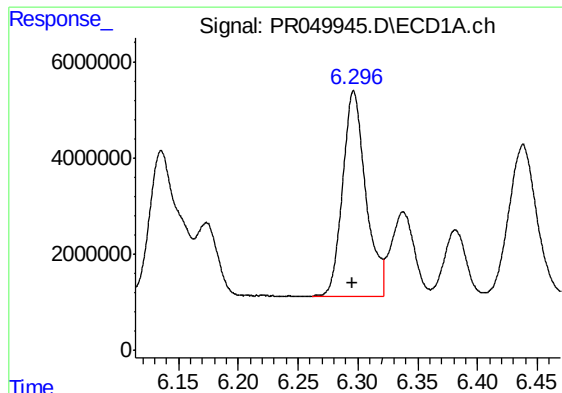
#22 AR-1248-2

R.T.: 6.089 min
Delta R.T.: 0.001 min
Response: 49321969
Conc: 266.96 ng/ml



#22 AR-1248-2

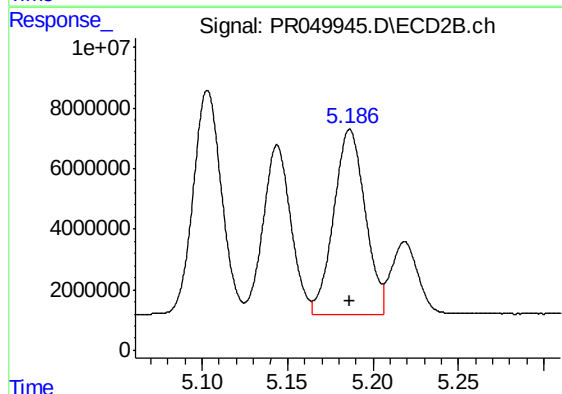
R.T.: 5.144 min
Delta R.T.: 0.000 min
Response: 62778646
Conc: 279.29 ng/ml



#23 AR-1248-3

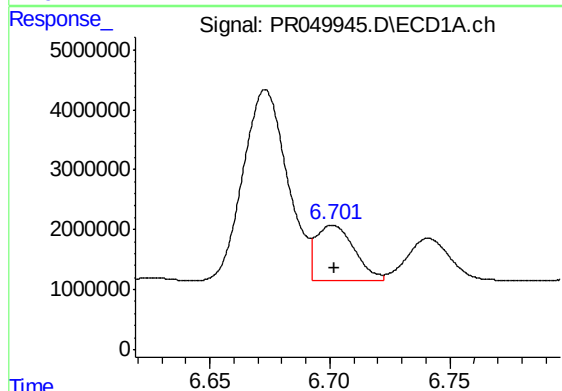
R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 57168963
Conc: 273.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



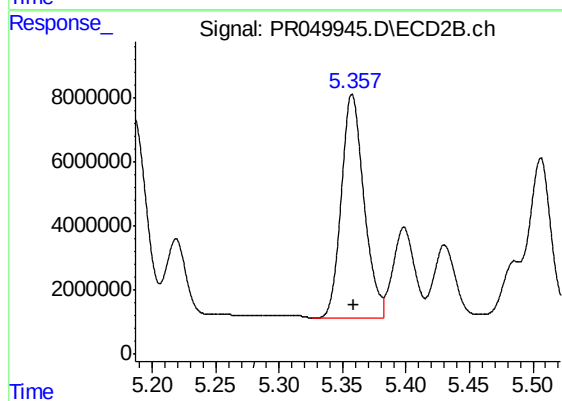
#23 AR-1248-3

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 77975054
Conc: 326.38 ng/ml



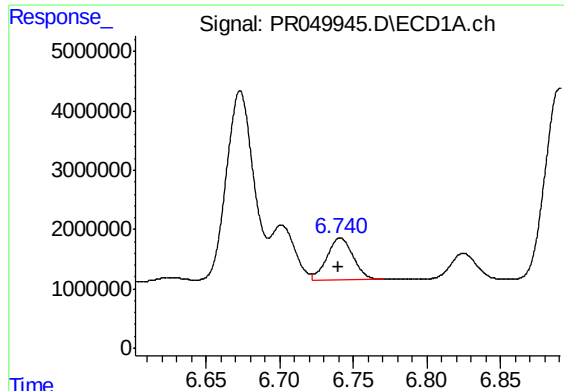
#24 AR-1248-4

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 10360827
Conc: 41.37 ng/ml



#24 AR-1248-4

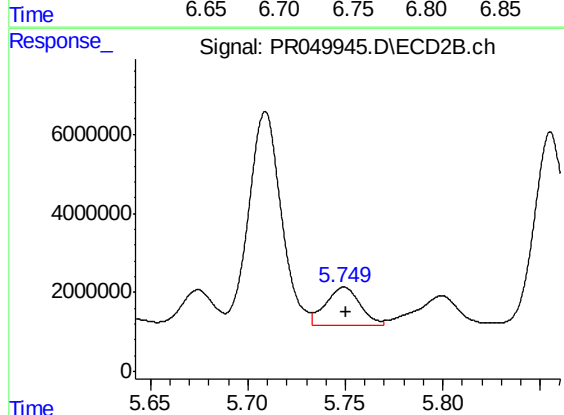
R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 86552123
Conc: 294.36 ng/ml



#25 AR-1248-5

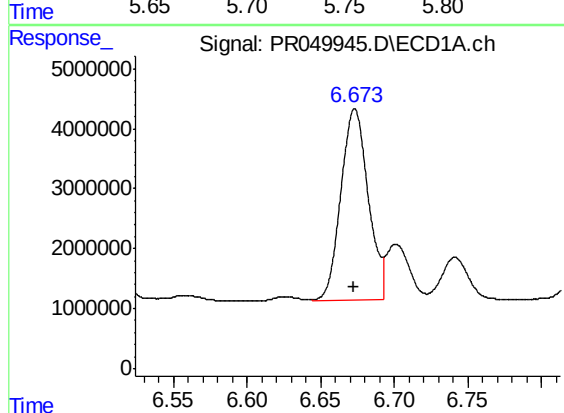
R.T.: 6.741 min
Delta R.T.: 0.001 min
Response: 8745330
Conc: 36.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



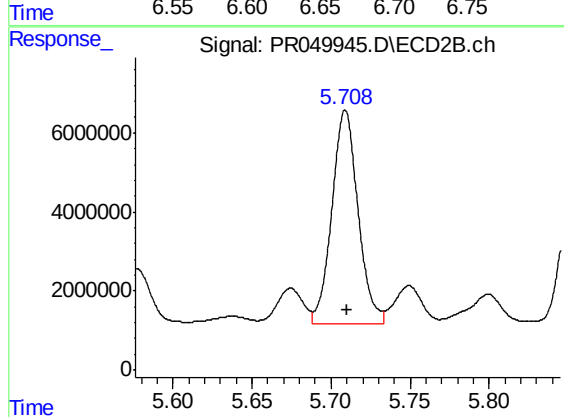
#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 11746744
Conc: 38.41 ng/ml



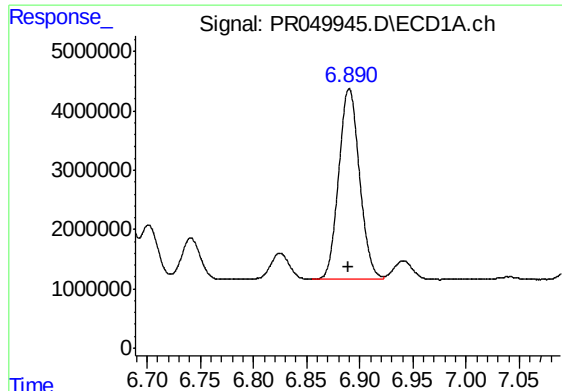
#26 AR-1254-1

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 41225496
Conc: 117.84 ng/ml



#26 AR-1254-1

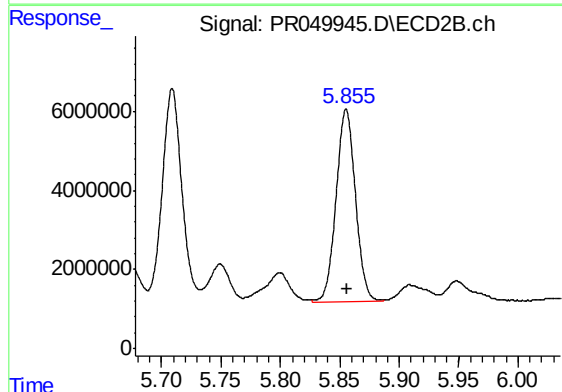
R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 62344252
Conc: 95.28 ng/ml



#27 AR-1254-2

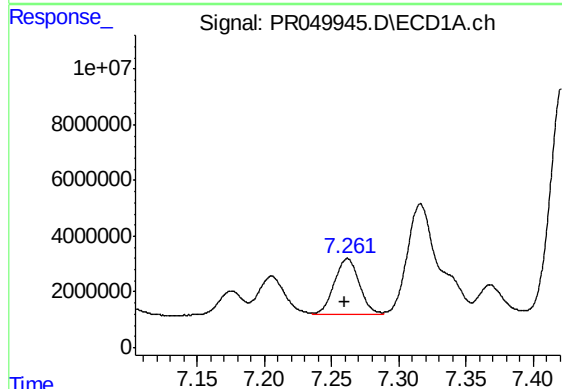
R.T.: 6.890 min
Delta R.T.: 0.000 min
Response: 44056572
Conc: 79.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



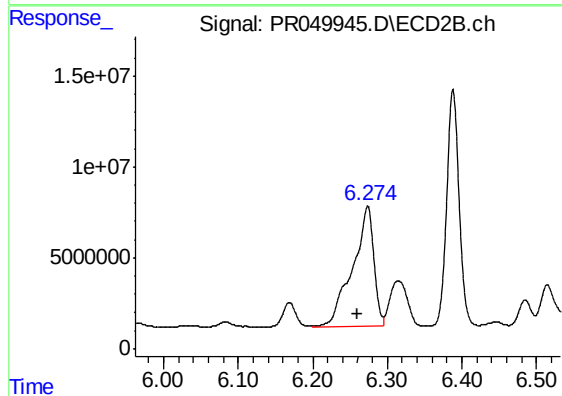
#27 AR-1254-2

R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 55394474
Conc: 98.51 ng/ml



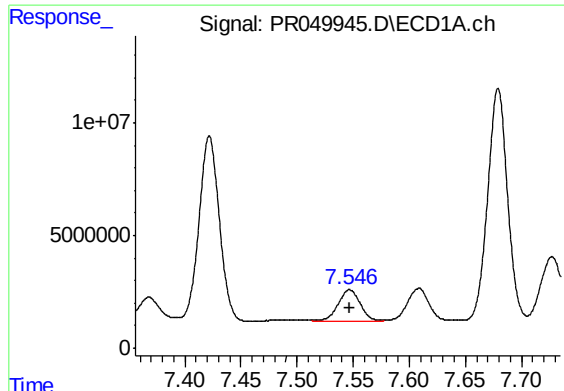
#28 AR-1254-3

R.T.: 7.262 min
Delta R.T.: 0.002 min
Response: 26611157
Conc: 42.47 ng/ml



#28 AR-1254-3

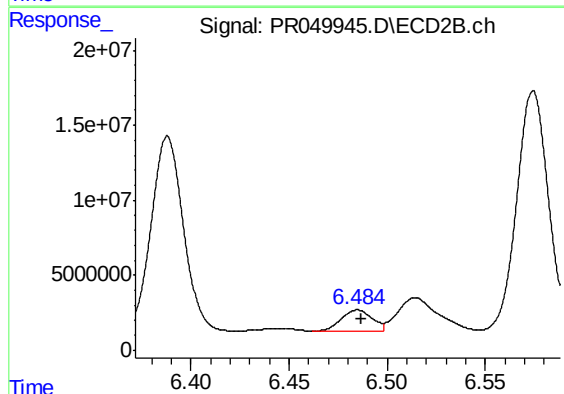
R.T.: 6.274 min
Delta R.T.: 0.014 min
Response: 130589285
Conc: 132.69 ng/ml



#29 AR-1254-4

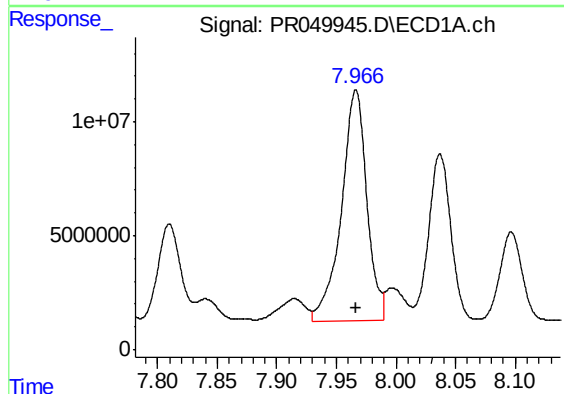
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 19087999
Conc: 39.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



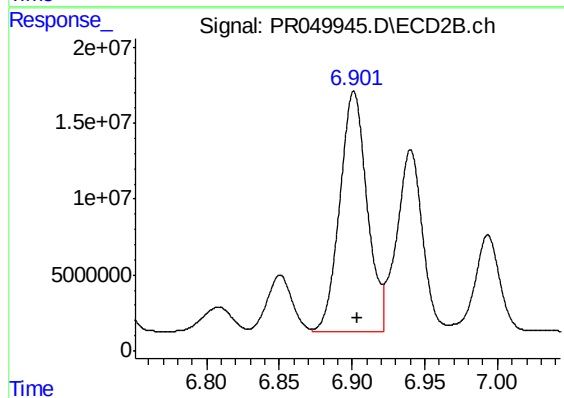
#29 AR-1254-4

R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 15826524
Conc: 26.20 ng/ml



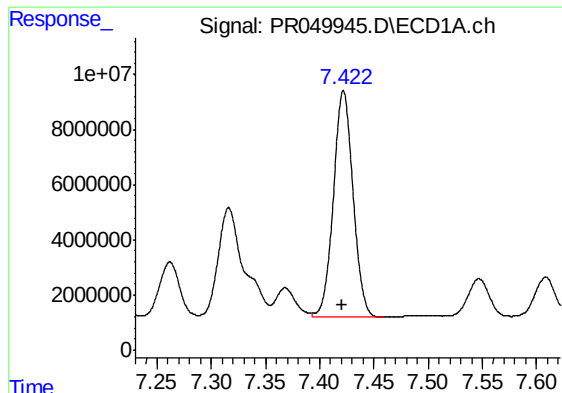
#30 AR-1254-5

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 150633460
Conc: 281.78 ng/ml



#30 AR-1254-5

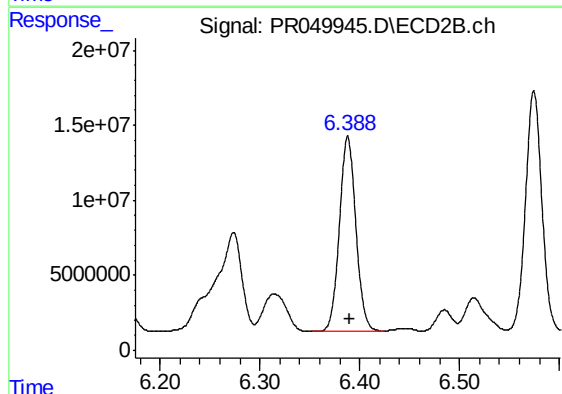
R.T.: 6.901 min
Delta R.T.: -0.002 min
Response: 206031808
Conc: 236.44 ng/ml



#31 AR-1260-1

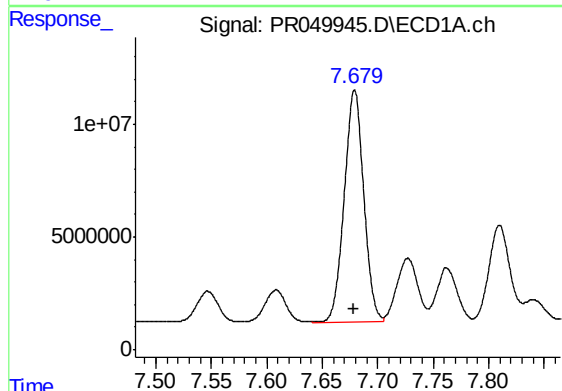
R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 103986844
Conc: 365.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



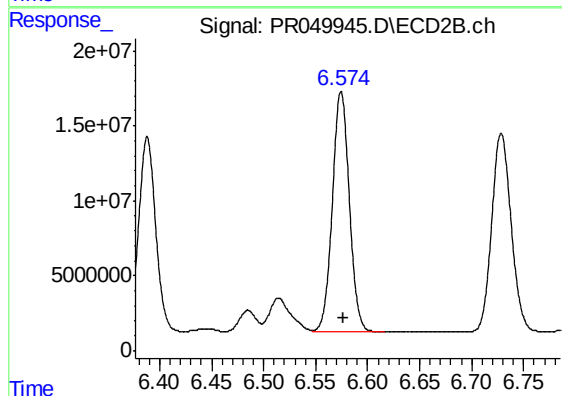
#31 AR-1260-1

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 149343711
Conc: 370.59 ng/ml



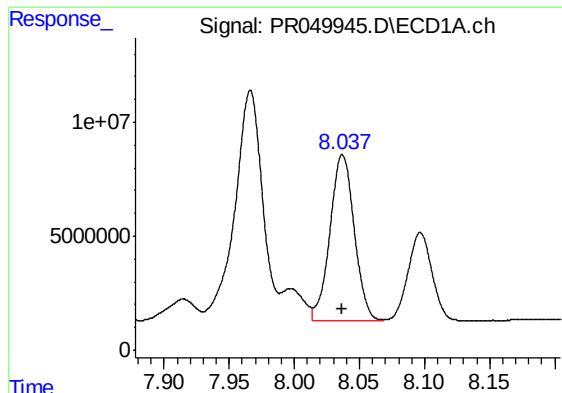
#32 AR-1260-2

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 126371076
Conc: 360.17 ng/ml



#32 AR-1260-2

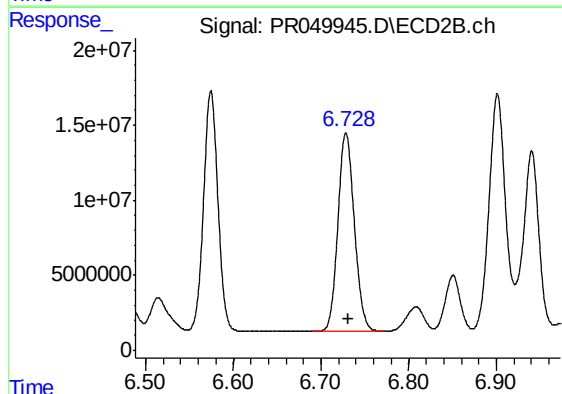
R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 181345038
Conc: 369.13 ng/ml



#33 AR-1260-3

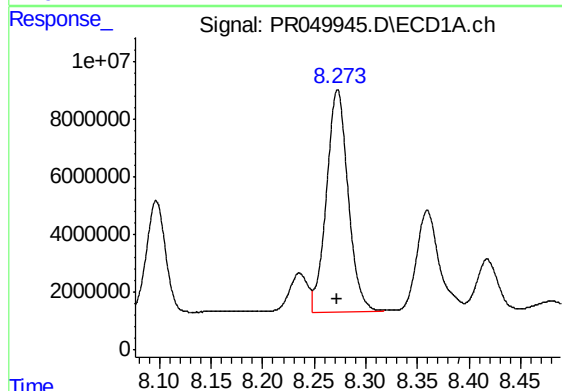
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 95135787
Conc: 347.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



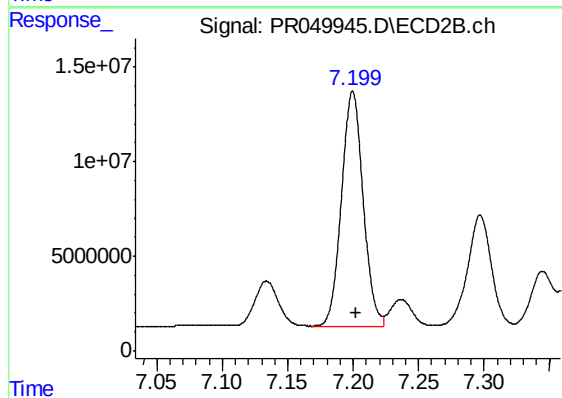
#33 AR-1260-3

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 172007146
Conc: 365.46 ng/ml



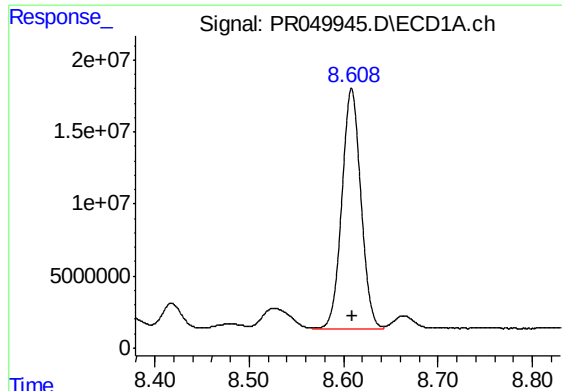
#34 AR-1260-4

R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 113091208
Conc: 348.63 ng/ml



#34 AR-1260-4

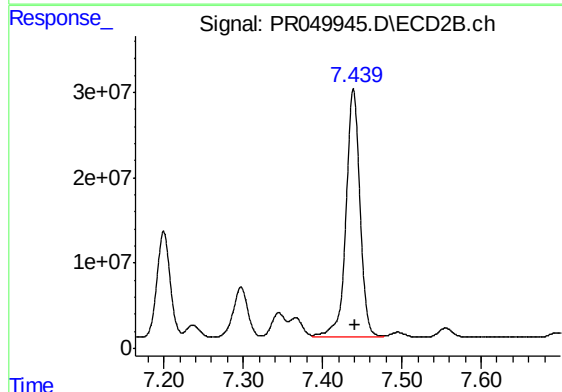
R.T.: 7.200 min
Delta R.T.: -0.003 min
Response: 142671527
Conc: 354.65 ng/ml



#35 AR-1260-5

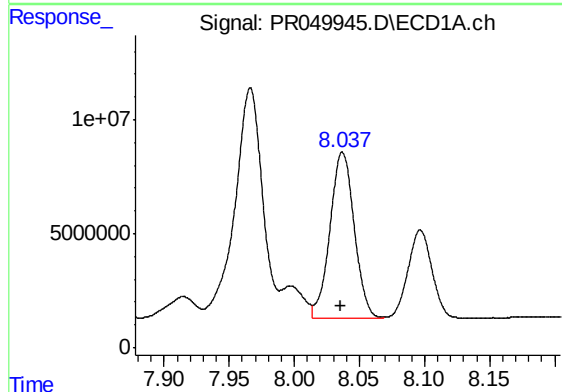
R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 233151357
Conc: 343.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



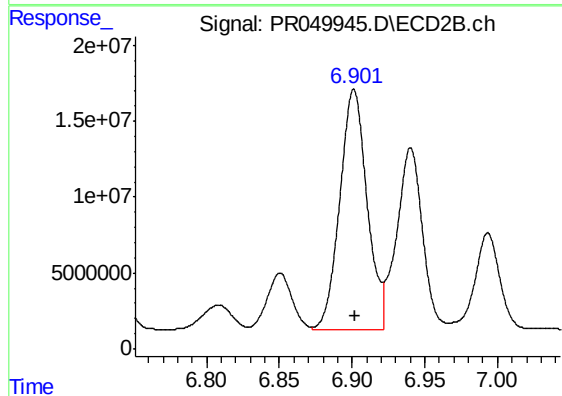
#35 AR-1260-5

R.T.: 7.439 min
Delta R.T.: -0.002 min
Response: 357597303
Conc: 357.83 ng/ml



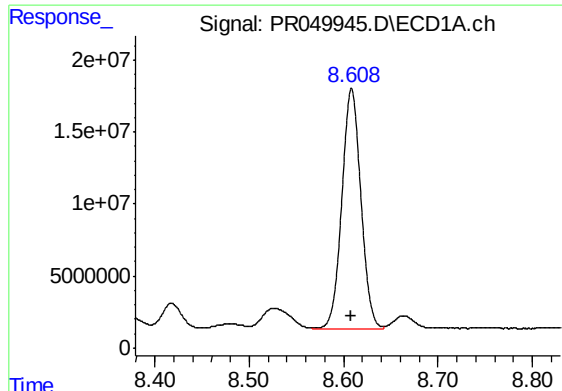
#36 AR-1262-1

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 95135787
Conc: 193.82 ng/ml



#36 AR-1262-1

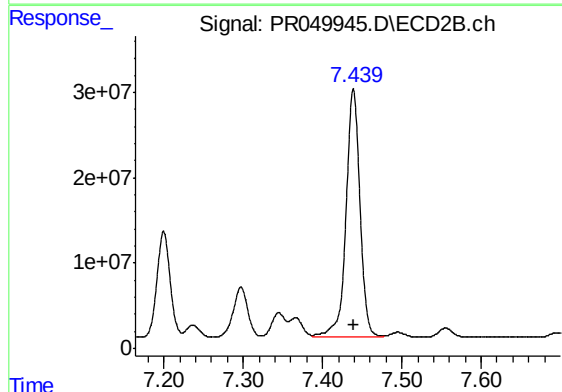
R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 206031808
Conc: 577.84 ng/ml



#37 AR-1262-2

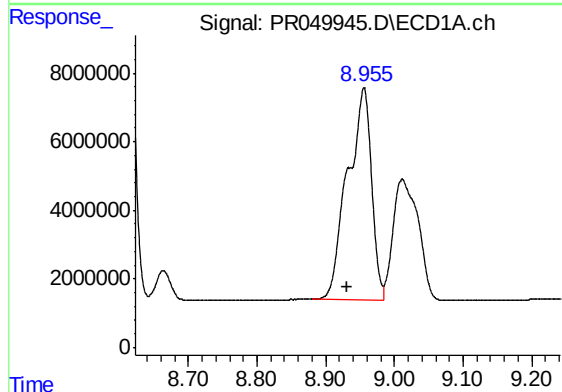
R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 233151357
Conc: 246.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



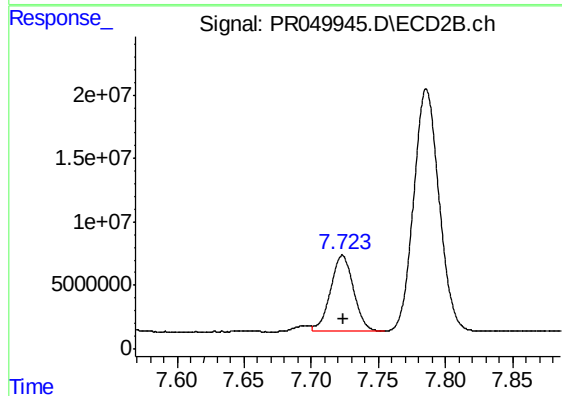
#37 AR-1262-2

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 357597303
Conc: 273.17 ng/ml



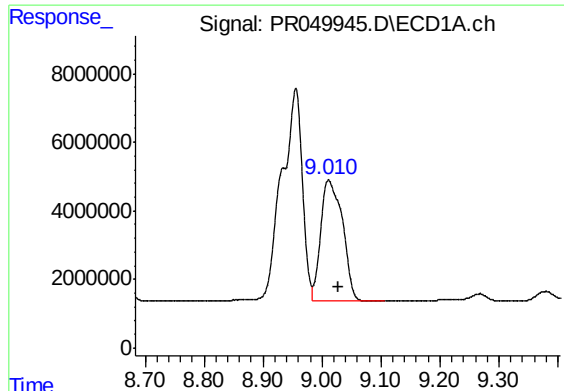
#38 AR-1262-3

R.T.: 8.956 min
Delta R.T.: 0.025 min
Response: 148885172
Conc: 238.48 ng/ml



#38 AR-1262-3

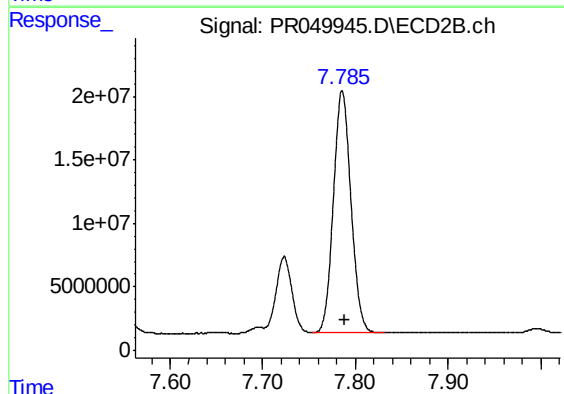
R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 71881355
Conc: 147.27 ng/ml



#39 AR-1262-4

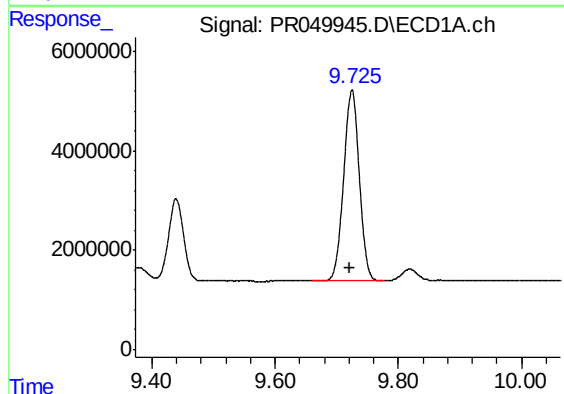
R.T.: 9.011 min
Delta R.T.: -0.016 min
Response: 89652241
Conc: 194.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



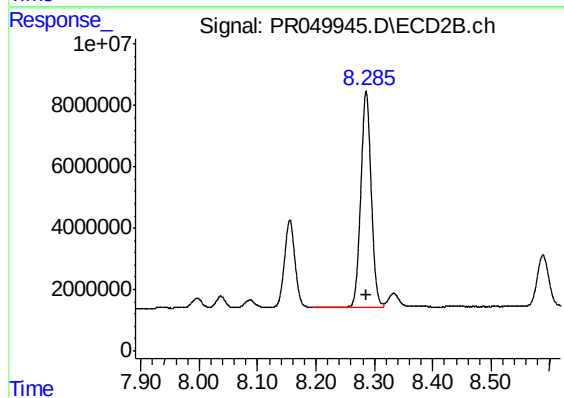
#39 AR-1262-4

R.T.: 7.786 min
Delta R.T.: -0.002 min
Response: 250831834
Conc: 261.07 ng/ml



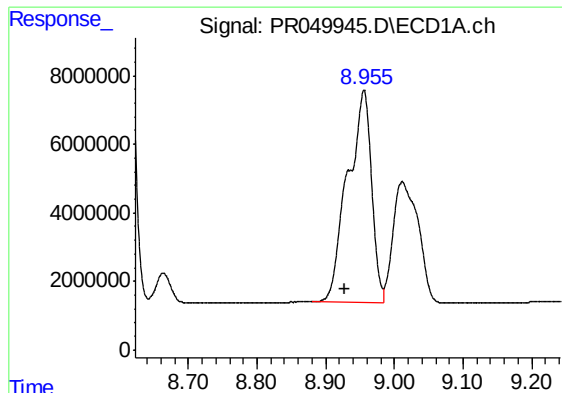
#40 AR-1262-5

R.T.: 9.725 min
Delta R.T.: 0.003 min
Response: 67821893
Conc: 201.20 ng/ml



#40 AR-1262-5

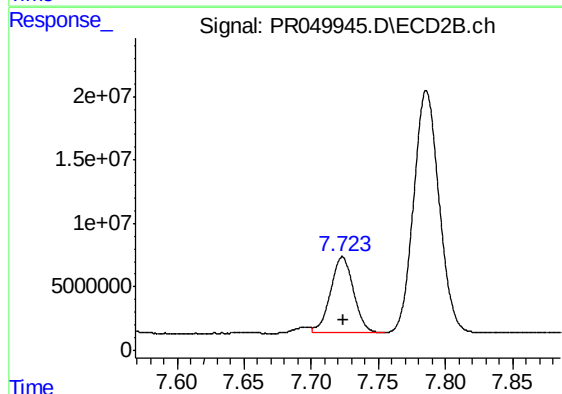
R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 87717237
Conc: 202.69 ng/ml



#41 AR-1268-1

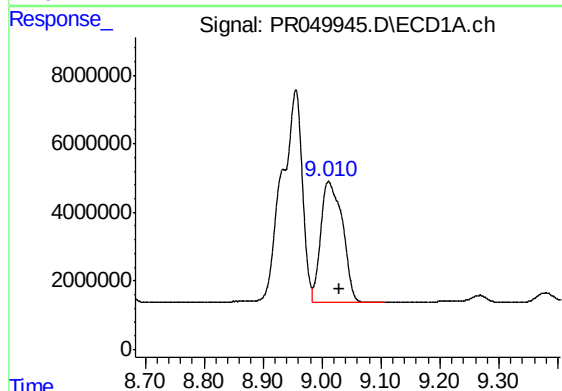
R.T.: 8.956 min
Delta R.T.: 0.027 min
Response: 148885172
Conc: 144.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



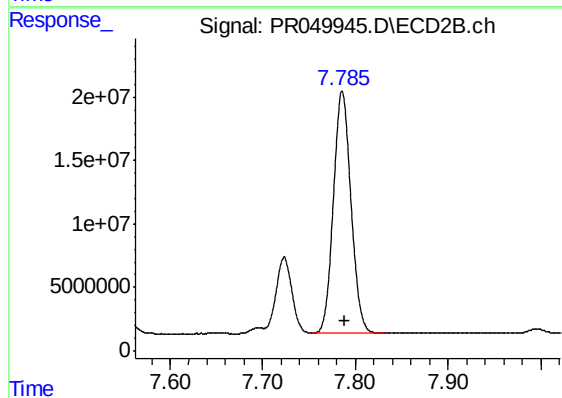
#41 AR-1268-1

R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 71881355
Conc: 52.41 ng/ml



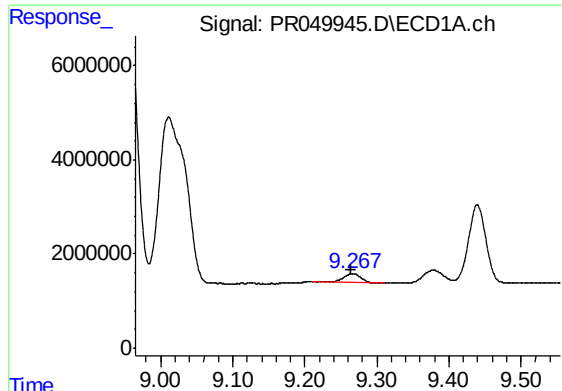
#42 AR-1268-2

R.T.: 9.011 min
Delta R.T.: -0.018 min
Response: 89652241
Conc: 95.72 ng/ml



#42 AR-1268-2

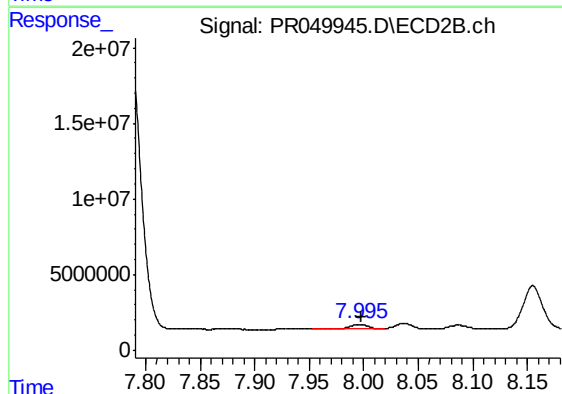
R.T.: 7.786 min
Delta R.T.: -0.002 min
Response: 250831834
Conc: 196.73 ng/ml



#43 AR-1268-3

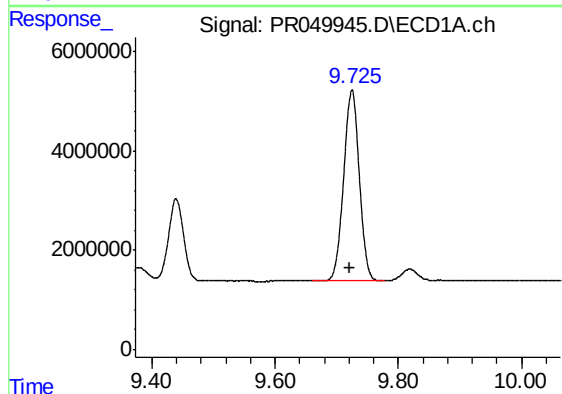
R.T.: 9.267 min
Delta R.T.: 0.002 min
Response: 3393407
Conc: 4.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



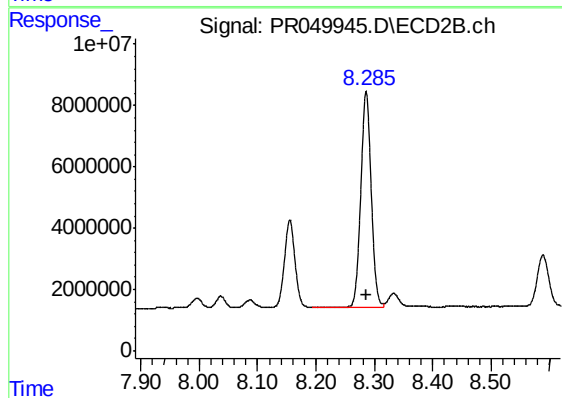
#43 AR-1268-3

R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 4050243
Conc: 3.81 ng/ml



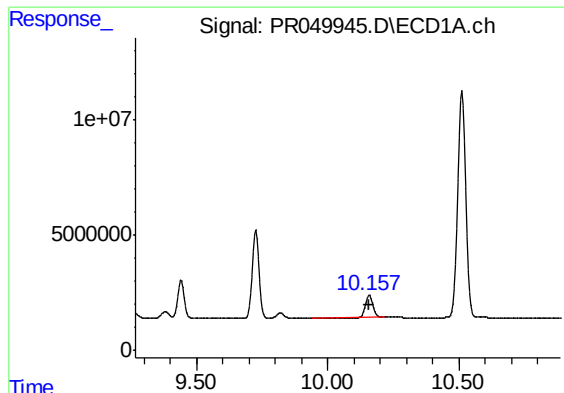
#44 AR-1268-4

R.T.: 9.725 min
Delta R.T.: 0.003 min
Response: 67821893
Conc: 193.42 ng/ml



#44 AR-1268-4

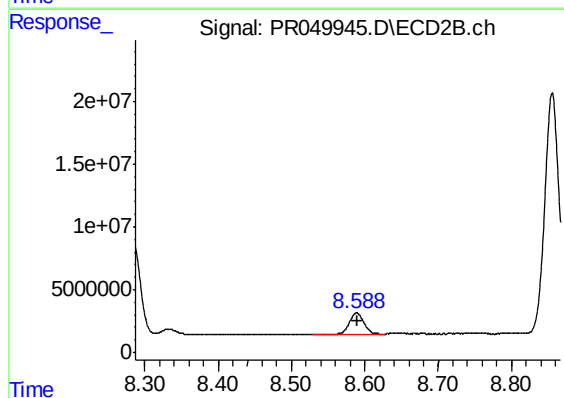
R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 87717237
Conc: 193.34 ng/ml



#45 AR-1268-5

R.T.: 10.157 min
Delta R.T.: 0.003 min
Response: 17852535
Conc: 6.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660312



#45 AR-1268-5

R.T.: 8.589 min
Delta R.T.: -0.002 min
Response: 22799909
Conc: 6.58 ng/ml