

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012720\
 Data File : PR044598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2020 11:23
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660330

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 16:01:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 24 22:56:32 2020
 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...	4.696	3.951	156.4E6	304.5E6	21.703	20.451
2)	SA Decachlor...	10.592	9.032	237.9E6	418.2E6	32.118	31.247
Target Compounds							
3)	L1 AR-1016-1	5.872	5.043	113.0E6	151.6E6	405.365	374.426
4)	L1 AR-1016-2	5.896	5.062	159.6E6	215.8E6	406.007	385.378
5)	L1 AR-1016-3	5.958	5.240	94143094	114.1E6	402.452	384.876
6)	L1 AR-1016-4	6.058	5.280	79296289	87178447	405.738	372.645
7)	L1 AR-1016-5	6.351	5.496	76839547	127.2E6	397.362	381.796
8)	L2 AR-1221-1	4.900	4.160	9455030	19548403	116.864	115.178
9)	L2 AR-1221-2	4.993	4.250	12196968	25708137	216.329	213.441
10)	L2 AR-1221-3	5.071	4.326	53657512	105.5E6	278.079	268.283
11)	L3 AR-1232-1	5.071	4.326	53657512	105.5E6	371.518	355.699
12)	L3 AR-1232-2	5.605	5.062	75044137	215.8E6	1025.237	928.297
13)	L3 AR-1232-3	5.896	5.240	159.6E6	114.1E6	1010.183	958.651
14)	L3 AR-1232-4	6.058	5.323	79296289	109.0E6	1014.205	1047.908
15)	L3 AR-1232-5	6.145	5.496	68908293	127.2E6	1174.968	1029.313
16)	L4 AR-1242-1	5.872	5.043	113.0E6	151.6E6	531.449	492.439
17)	L4 AR-1242-2	5.896	5.062	159.6E6	215.8E6	530.471	505.346
18)	L4 AR-1242-3	5.958	5.240	94143094	114.1E6	523.051	512.441
19)	L4 AR-1242-4	6.058	5.323	79296289	109.0E6	526.731	506.069
20)	L4 AR-1242-5	6.795	5.848	11761198	104.4E6	67.143	285.313 #
21)	L5 AR-1248-1	5.872	5.043	113.0E6	151.6E6	680.085	615.332
22)	L5 AR-1248-2	6.145	5.280	68908293	87178447	308.128	291.154
23)	L5 AR-1248-3	6.351	5.323	76839547	109.0E6	306.402	349.789
24)	L5 AR-1248-4	6.754	5.496	13595421	127.2E6	44.539	308.071 #
25)	L5 AR-1248-5	6.795	5.890	11761198	19408370	40.779	39.423
26)	L6 AR-1254-1	6.729	5.848	53885218	104.4E6	177.362	141.438
27)	L6 AR-1254-2	6.943	5.996	58057456	98606191	124.285	145.656
28)	L6 AR-1254-3	7.315	6.416	32741839	245.0E6	64.738	218.105 #
29)	L6 AR-1254-4	7.600	6.629	23754937	32998009	60.169	38.879 #
30)	L6 AR-1254-5	8.018	7.047	194.1E6	366.0E6	450.155	342.321
31)	L7 AR-1260-1	7.477	6.531	135.4E6	267.6E6	372.283	359.200
32)	L7 AR-1260-2	7.731	6.718	165.6E6	396.7E6	365.063	350.781
33)	L7 AR-1260-3	8.092	6.873	128.4E6	323.0E6	362.773	354.082
34)	L7 AR-1260-4	8.330	7.346	144.3E6	278.2E6	355.434	338.360
35)	L7 AR-1260-5	8.666	7.586	305.3E6	822.0E6	347.361	332.981
36)	L8 AR-1262-1	8.152	7.047	65730068	366.0E6	315.238	615.351 #
37)	L8 AR-1262-2	8.666	7.586	305.3E6	822.0E6	302.300	302.384
38)	L8 AR-1262-3	9.017	7.870	187.5E6	174.9E6	278.833	159.094 #
39)	L8 AR-1262-4	9.073	7.934	121.3E6	515.5E6	235.783	285.590
40)	L8 AR-1262-5	9.791	8.448	87968977	186.7E6	235.082	224.471
41)	L9 AR-1268-1	9.017	7.870	187.5E6	174.9E6	165.006	59.105 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012720\
 Data File : PR044598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2020 11:23
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

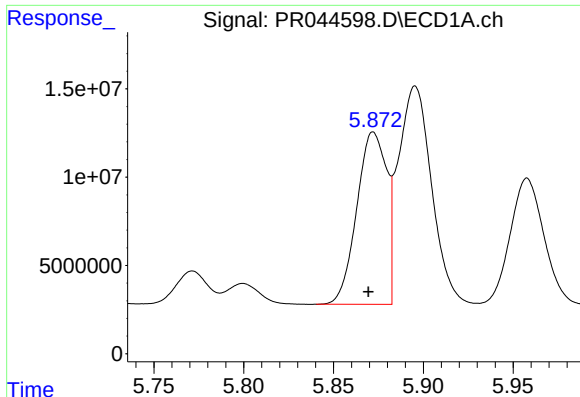
Instrument :
 ECD_R
 ClientSampleId :
 AR1660330

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 16:01:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 24 22:56:32 2020
 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
42) L9	AR-1268-2	9.073	7.934	121.3E6	515.5E6	112.735	204.497 #
43) L9	AR-1268-3	9.334	8.144	4493462	14023136	4.966	6.601 #
44) L9	AR-1268-4	9.791	8.448	87968977	186.7E6	219.542	211.900
45) L9	AR-1268-5	10.233	8.760	24774984	45027019	7.803	7.332

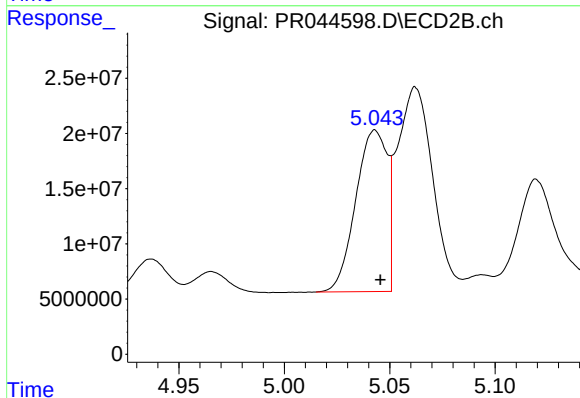
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

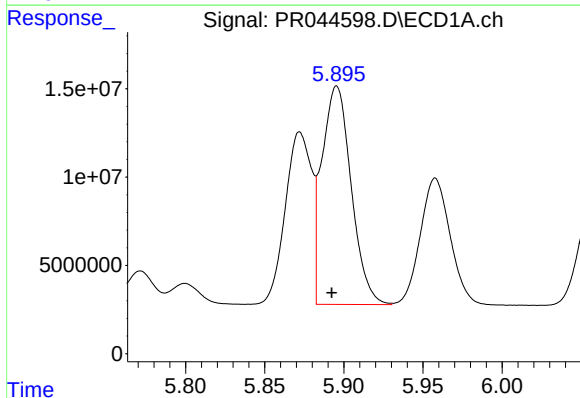
R.T.: 5.872 min
Delta R.T.: 0.003 min
Response: 112958952
Conc: 405.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



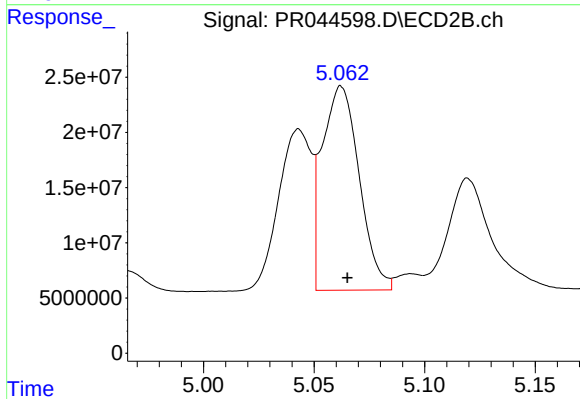
#3 AR-1016-1

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 151643816
Conc: 374.43 ng/ml



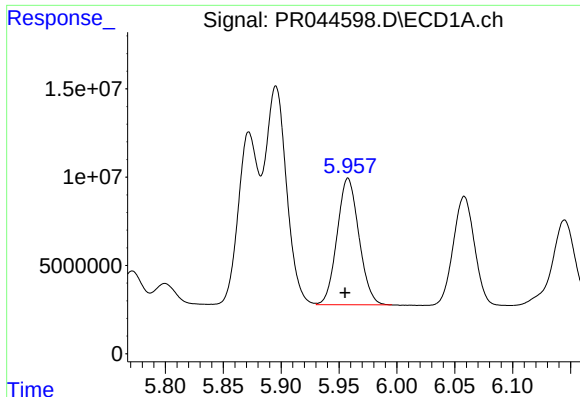
#4 AR-1016-2

R.T.: 5.896 min
Delta R.T.: 0.003 min
Response: 159604754
Conc: 406.01 ng/ml



#4 AR-1016-2

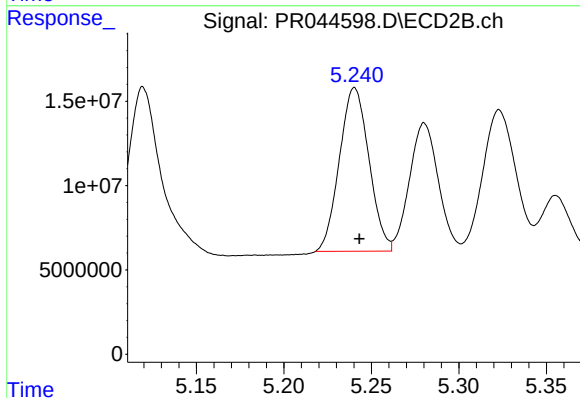
R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 215824040
Conc: 385.38 ng/ml



#5 AR-1016-3

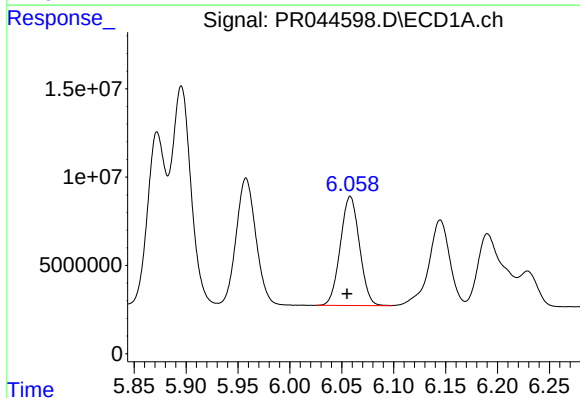
R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 94143094
Conc: 402.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



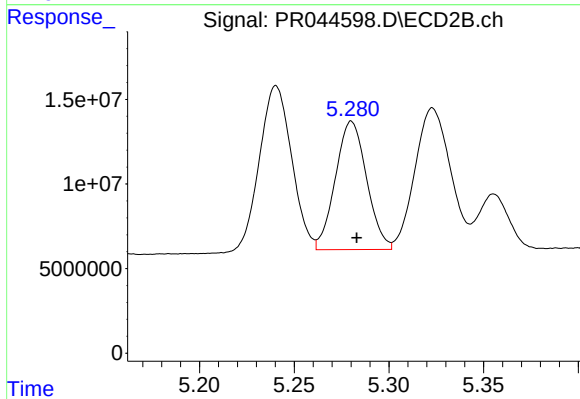
#5 AR-1016-3

R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 114077848
Conc: 384.88 ng/ml



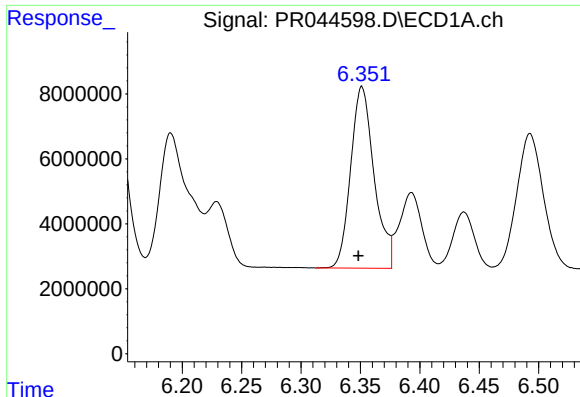
#6 AR-1016-4

R.T.: 6.058 min
Delta R.T.: 0.003 min
Response: 79296289
Conc: 405.74 ng/ml



#6 AR-1016-4

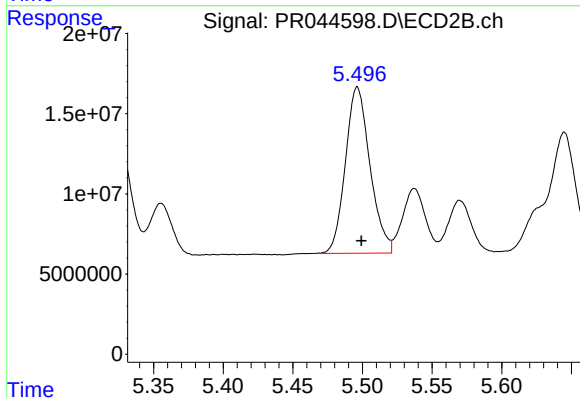
R.T.: 5.280 min
Delta R.T.: -0.003 min
Response: 87178447
Conc: 372.65 ng/ml



#7 AR-1016-5

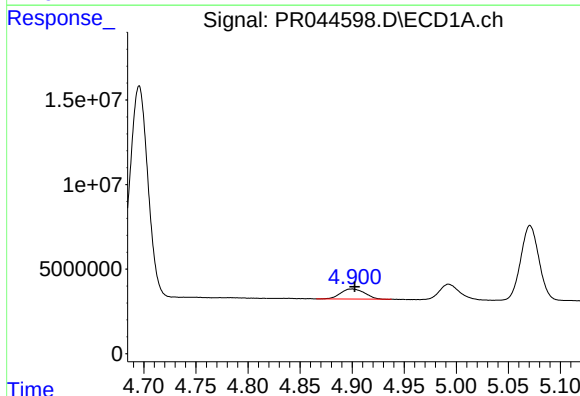
R.T.: 6.351 min
Delta R.T.: 0.003 min
Response: 76839547
Conc: 397.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



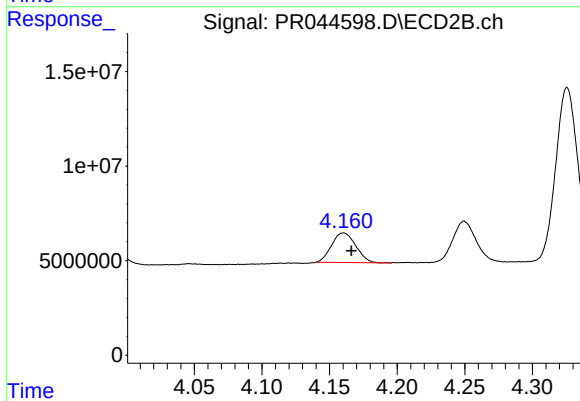
#7 AR-1016-5

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 127192554
Conc: 381.80 ng/ml



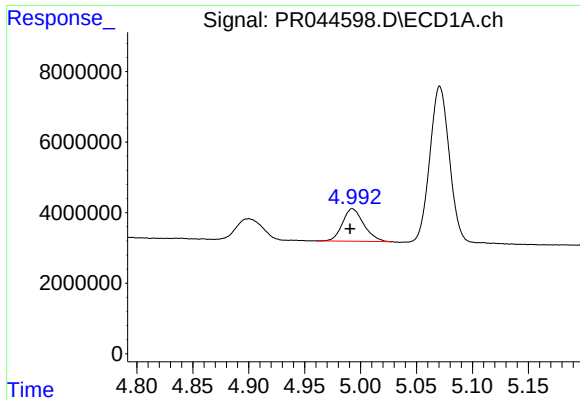
#8 AR-1221-1

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 9455030
Conc: 116.86 ng/ml



#8 AR-1221-1

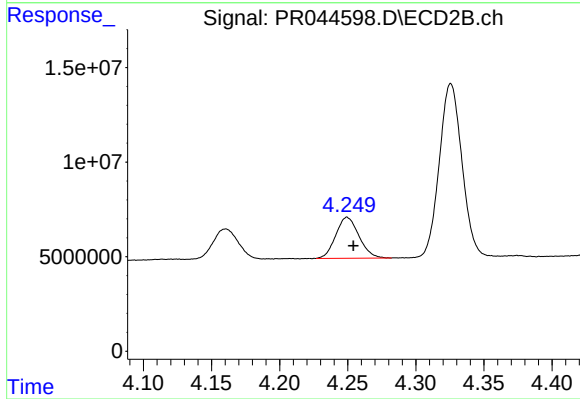
R.T.: 4.160 min
Delta R.T.: -0.006 min
Response: 19548403
Conc: 115.18 ng/ml



#9 AR-1221-2

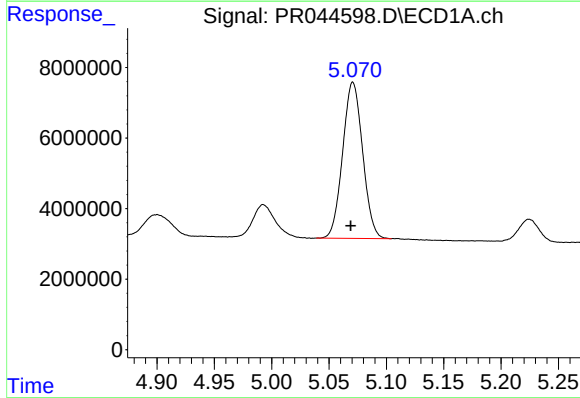
R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 12196968
Conc: 216.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



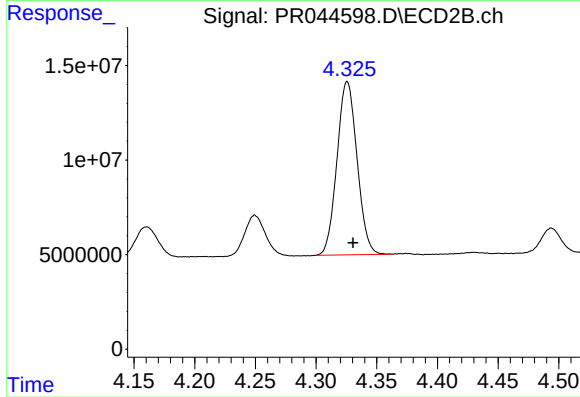
#9 AR-1221-2

R.T.: 4.250 min
Delta R.T.: -0.005 min
Response: 25708137
Conc: 213.44 ng/ml



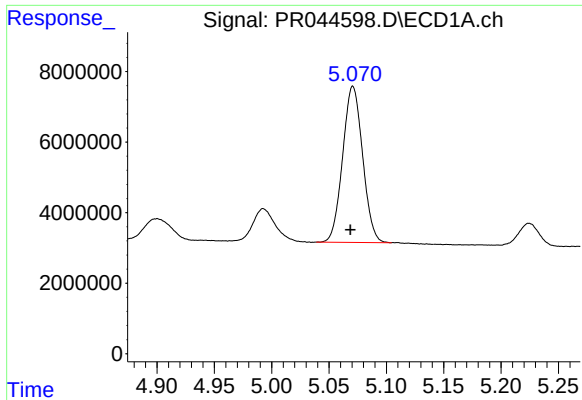
#10 AR-1221-3

R.T.: 5.071 min
Delta R.T.: 0.002 min
Response: 53657512
Conc: 278.08 ng/ml



#10 AR-1221-3

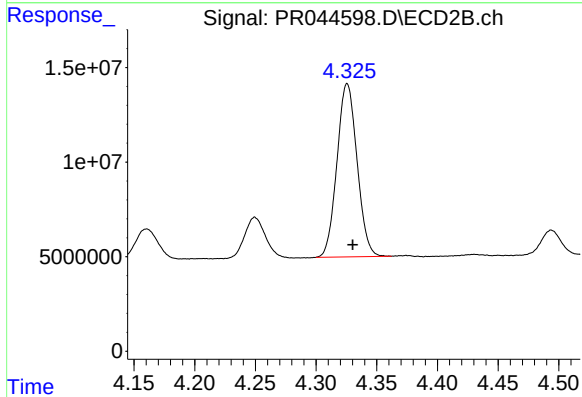
R.T.: 4.326 min
Delta R.T.: -0.005 min
Response: 105490881
Conc: 268.28 ng/ml



#11 AR-1232-1

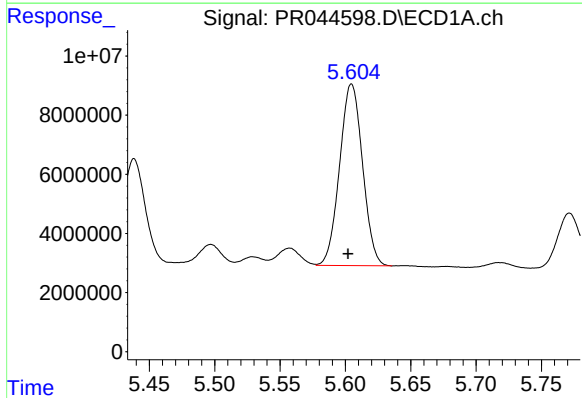
R.T.: 5.071 min
Delta R.T.: 0.002 min
Response: 53657512
Conc: 371.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



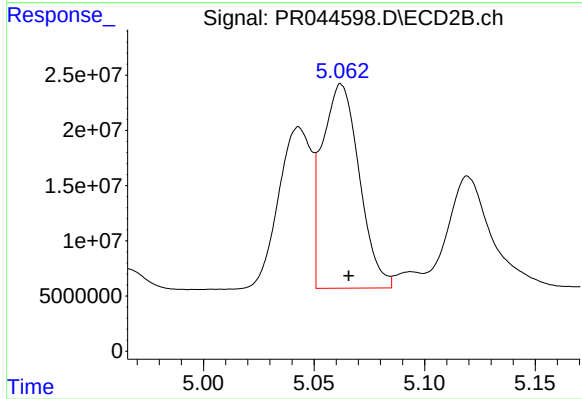
#11 AR-1232-1

R.T.: 4.326 min
Delta R.T.: -0.005 min
Response: 105490881
Conc: 355.70 ng/ml



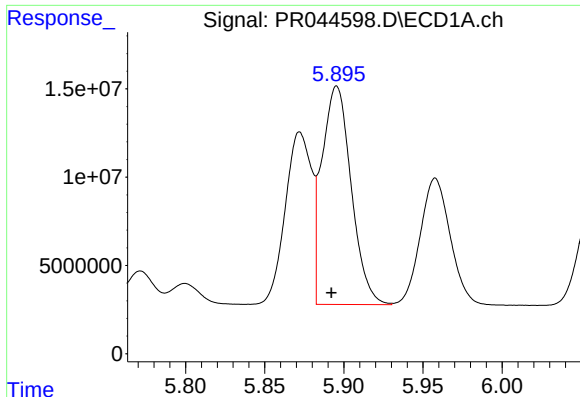
#12 AR-1232-2

R.T.: 5.605 min
Delta R.T.: 0.003 min
Response: 75044137
Conc: 1025.24 ng/ml



#12 AR-1232-2

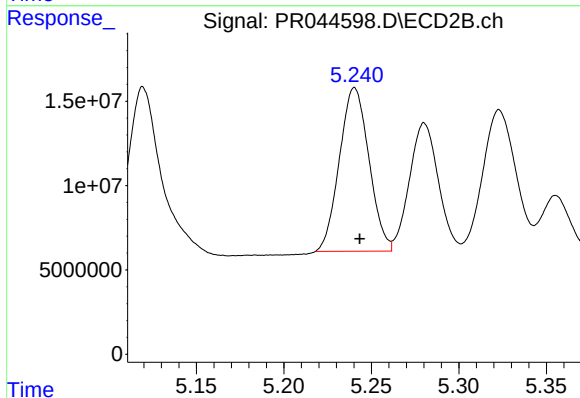
R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 215824040
Conc: 928.30 ng/ml



#13 AR-1232-3

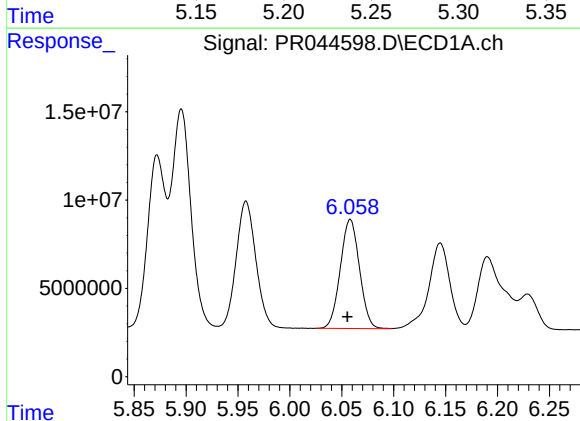
R.T.: 5.896 min
Delta R.T.: 0.003 min
Response: 159604754
Conc: 1010.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



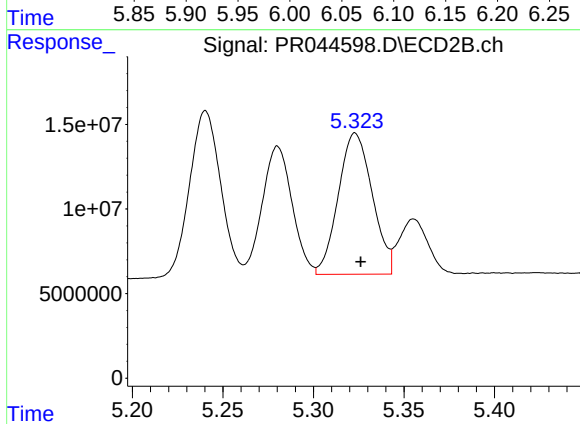
#13 AR-1232-3

R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 114077848
Conc: 958.65 ng/ml



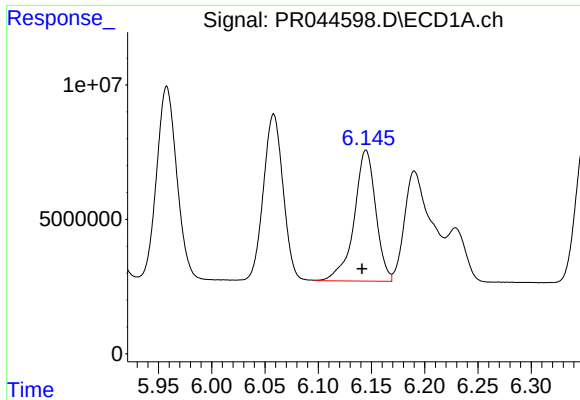
#14 AR-1232-4

R.T.: 6.058 min
Delta R.T.: 0.003 min
Response: 79296289
Conc: 1014.21 ng/ml



#14 AR-1232-4

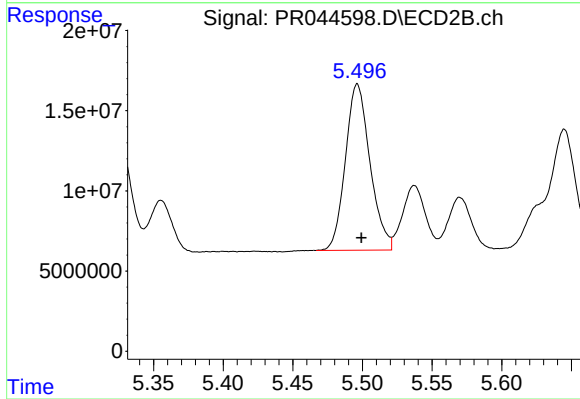
R.T.: 5.323 min
Delta R.T.: -0.003 min
Response: 109038309
Conc: 1047.91 ng/ml



#15 AR-1232-5

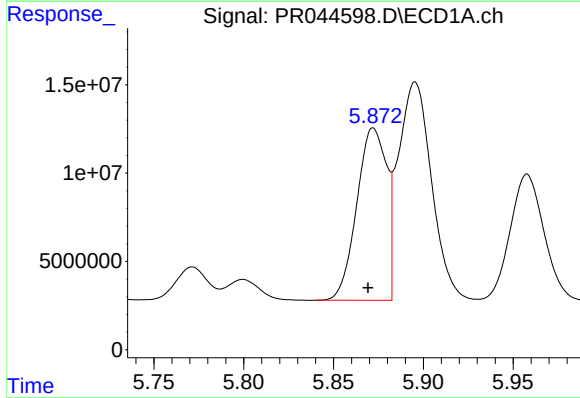
R.T.: 6.145 min
Delta R.T.: 0.004 min
Response: 68908293
Conc: 1174.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



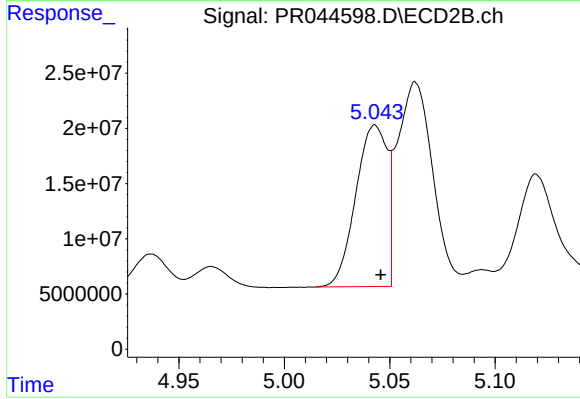
#15 AR-1232-5

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 127192554
Conc: 1029.31 ng/ml



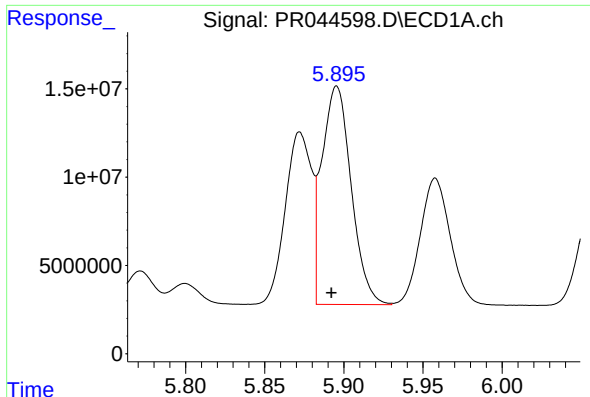
#16 AR-1242-1

R.T.: 5.872 min
Delta R.T.: 0.003 min
Response: 112958952
Conc: 531.45 ng/ml



#16 AR-1242-1

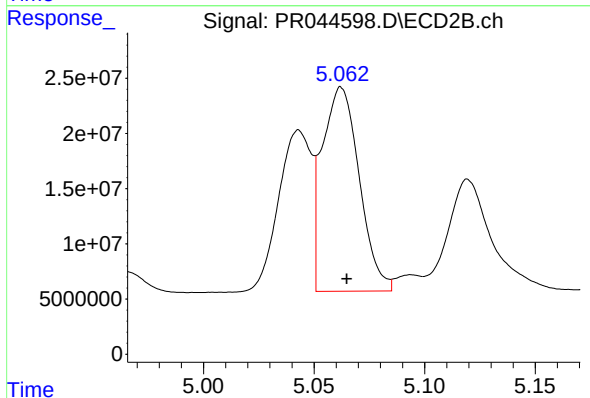
R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 151643816
Conc: 492.44 ng/ml



#17 AR-1242-2

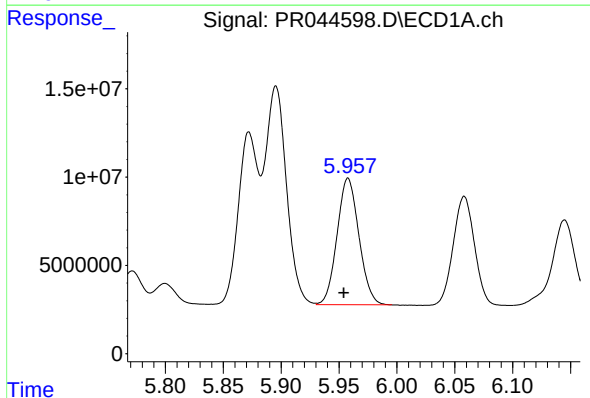
R.T.: 5.896 min
Delta R.T.: 0.003 min
Response: 159604754
Conc: 530.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



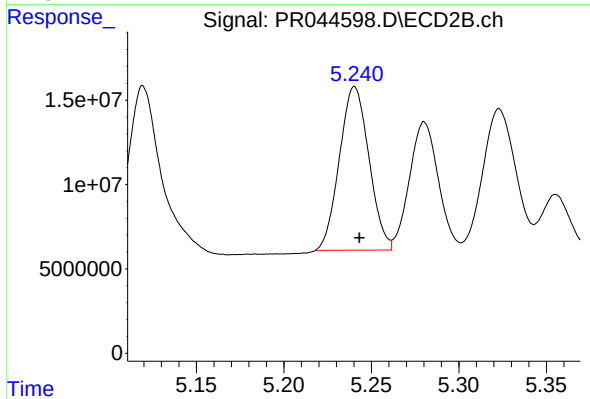
#17 AR-1242-2

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 215824040
Conc: 505.35 ng/ml



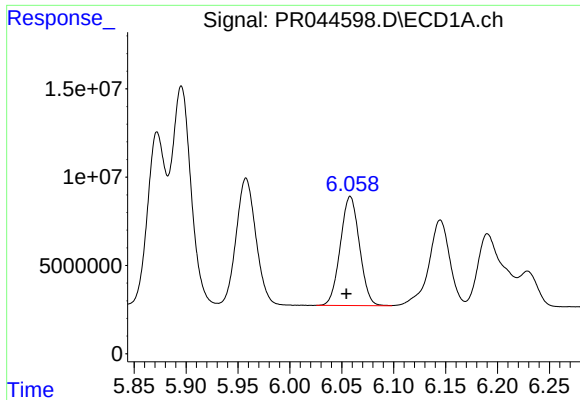
#18 AR-1242-3

R.T.: 5.958 min
Delta R.T.: 0.004 min
Response: 94143094
Conc: 523.05 ng/ml



#18 AR-1242-3

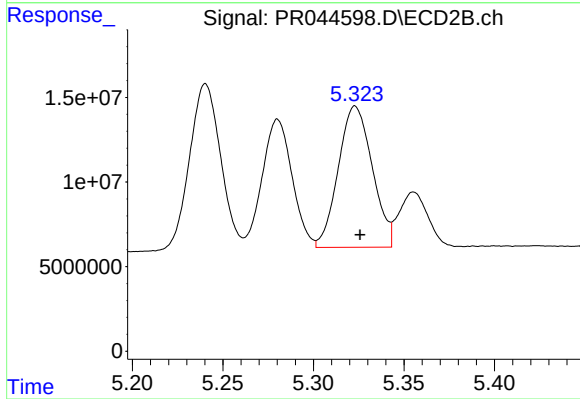
R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 114077848
Conc: 512.44 ng/ml



#19 AR-1242-4

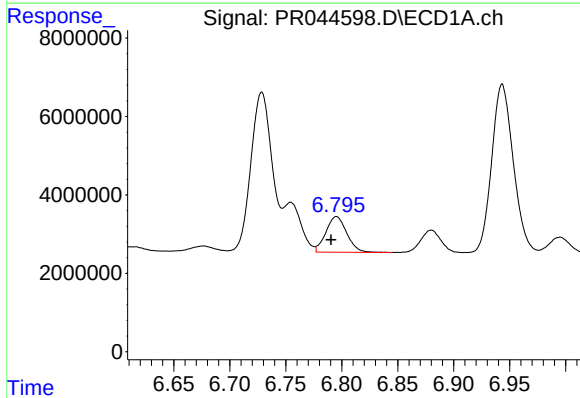
R.T.: 6.058 min
Delta R.T.: 0.004 min
Response: 79296289
Conc: 526.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



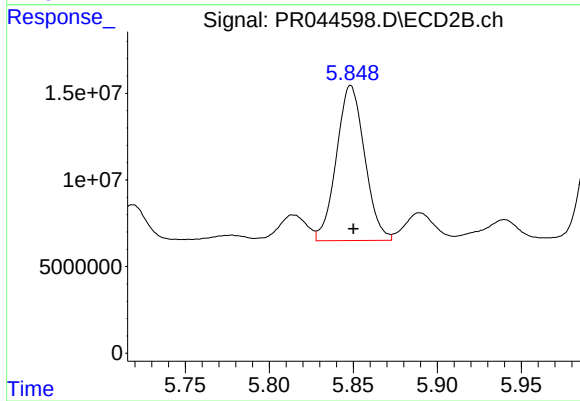
#19 AR-1242-4

R.T.: 5.323 min
Delta R.T.: -0.003 min
Response: 109038309
Conc: 506.07 ng/ml



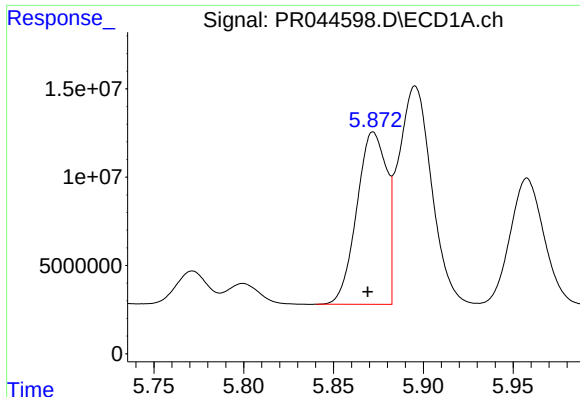
#20 AR-1242-5

R.T.: 6.795 min
Delta R.T.: 0.005 min
Response: 11761198
Conc: 67.14 ng/ml



#20 AR-1242-5

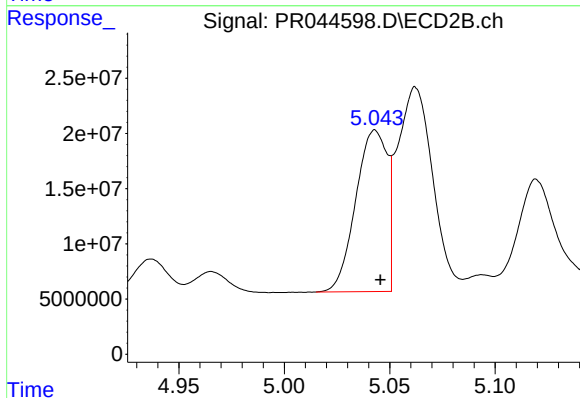
R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 104430504
Conc: 285.31 ng/ml



#21 AR-1248-1

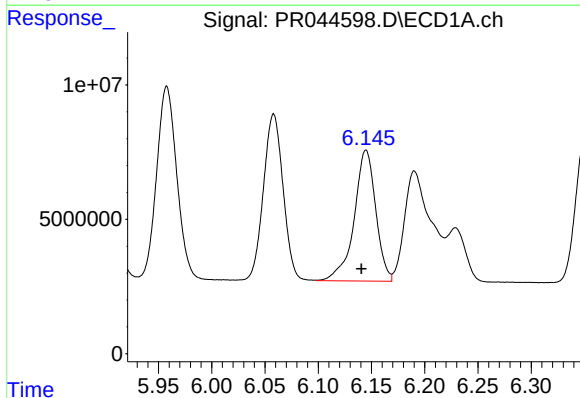
R.T.: 5.872 min
Delta R.T.: 0.003 min
Response: 112958952
Conc: 680.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



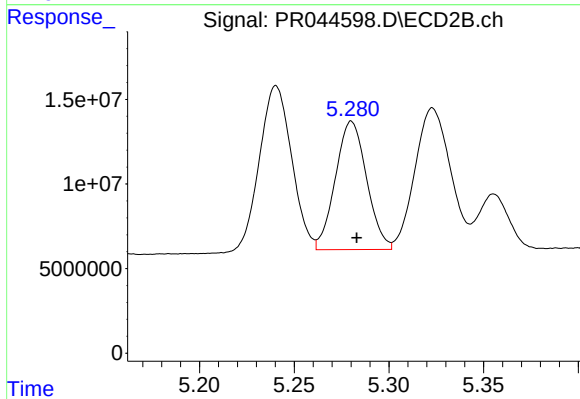
#21 AR-1248-1

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 151643816
Conc: 615.33 ng/ml



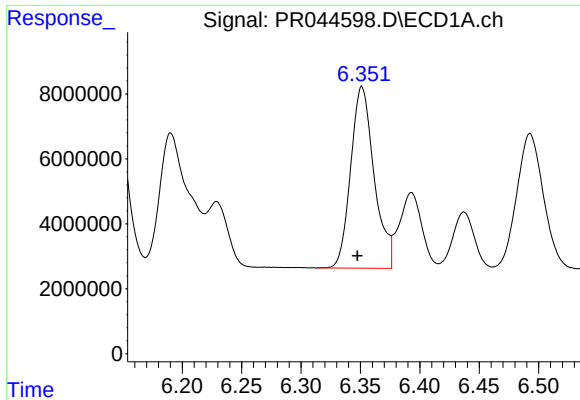
#22 AR-1248-2

R.T.: 6.145 min
Delta R.T.: 0.004 min
Response: 68908293
Conc: 308.13 ng/ml



#22 AR-1248-2

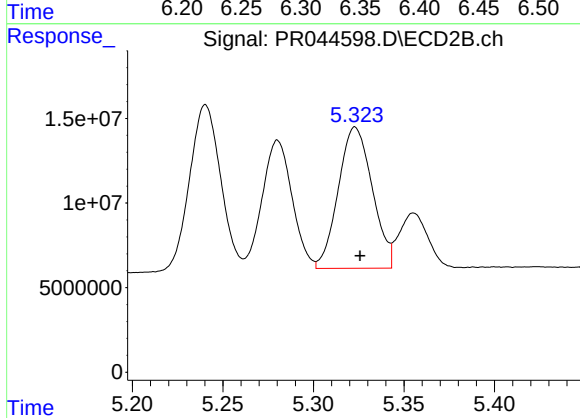
R.T.: 5.280 min
Delta R.T.: -0.003 min
Response: 87178447
Conc: 291.15 ng/ml



#23 AR-1248-3

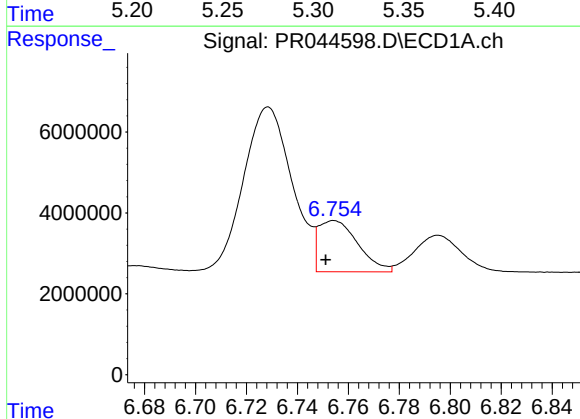
R.T.: 6.351 min
Delta R.T.: 0.004 min
Response: 76839547
Conc: 306.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



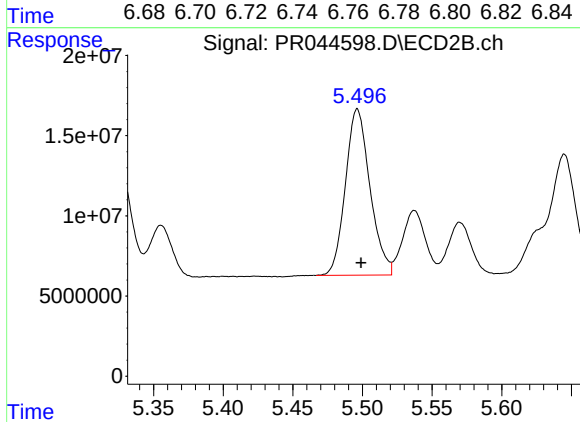
#23 AR-1248-3

R.T.: 5.323 min
Delta R.T.: -0.003 min
Response: 109038309
Conc: 349.79 ng/ml



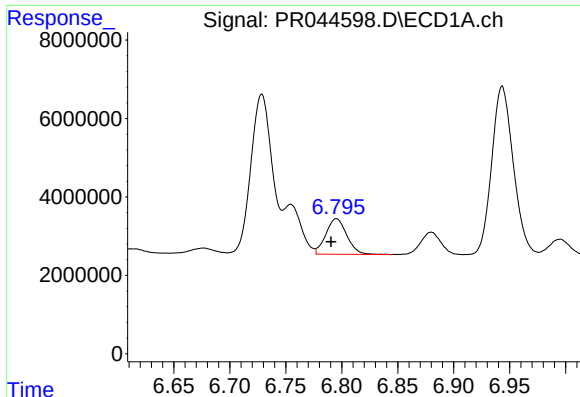
#24 AR-1248-4

R.T.: 6.754 min
Delta R.T.: 0.003 min
Response: 13595421
Conc: 44.54 ng/ml



#24 AR-1248-4

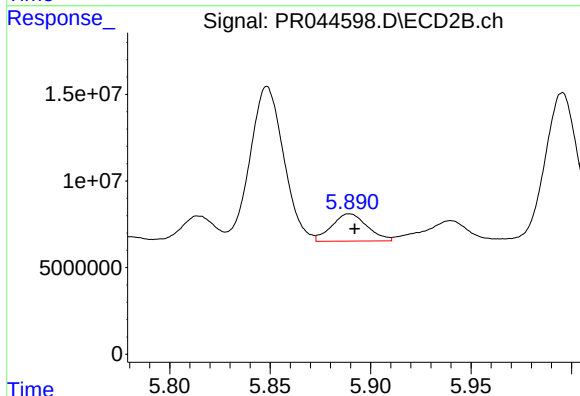
R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 127192554
Conc: 308.07 ng/ml



#25 AR-1248-5

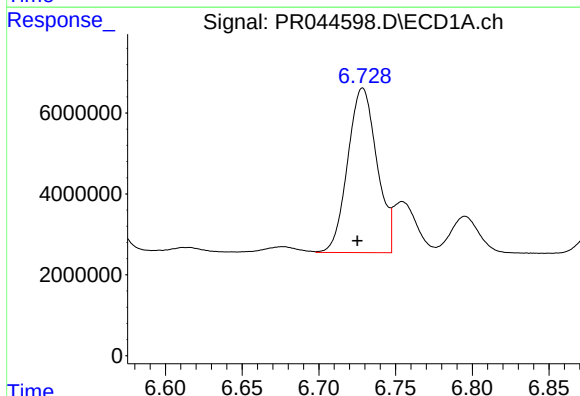
R.T.: 6.795 min
Delta R.T.: 0.005 min
Response: 11761198
Conc: 40.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



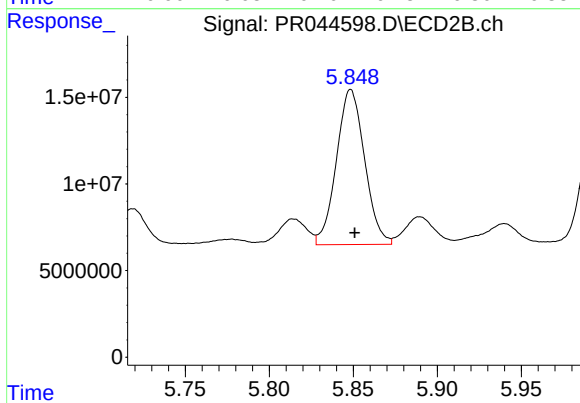
#25 AR-1248-5

R.T.: 5.890 min
Delta R.T.: -0.003 min
Response: 19408370
Conc: 39.42 ng/ml



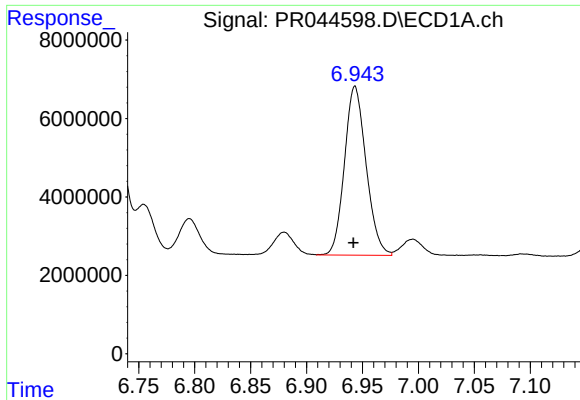
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: 0.003 min
Response: 53885218
Conc: 177.36 ng/ml



#26 AR-1254-1

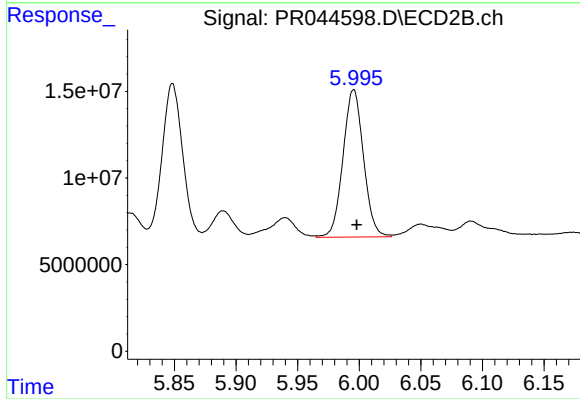
R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 104430504
Conc: 141.44 ng/ml



#27 AR-1254-2

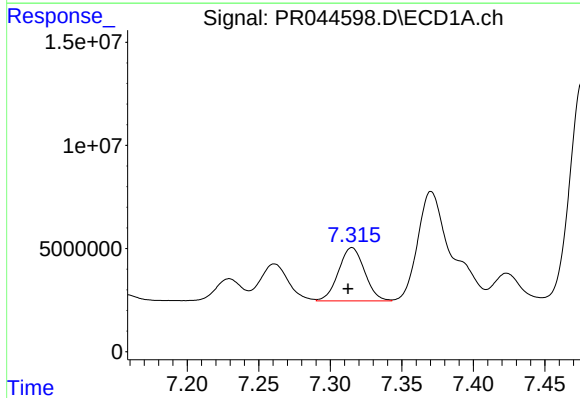
R.T.: 6.943 min
Delta R.T.: 0.001 min
Response: 58057456
Conc: 124.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



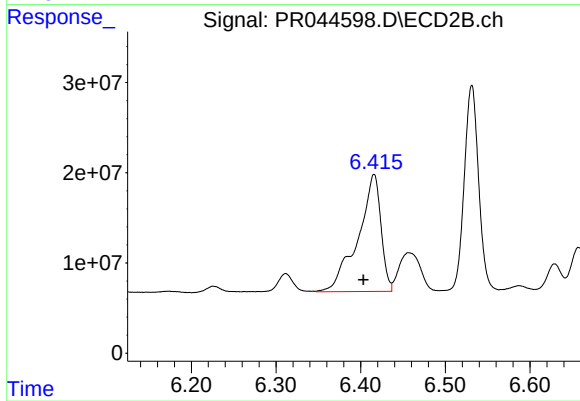
#27 AR-1254-2

R.T.: 5.996 min
Delta R.T.: -0.002 min
Response: 98606191
Conc: 145.66 ng/ml



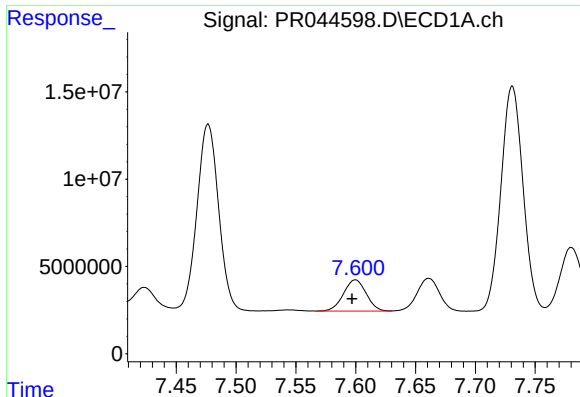
#28 AR-1254-3

R.T.: 7.315 min
Delta R.T.: 0.003 min
Response: 32741839
Conc: 64.74 ng/ml



#28 AR-1254-3

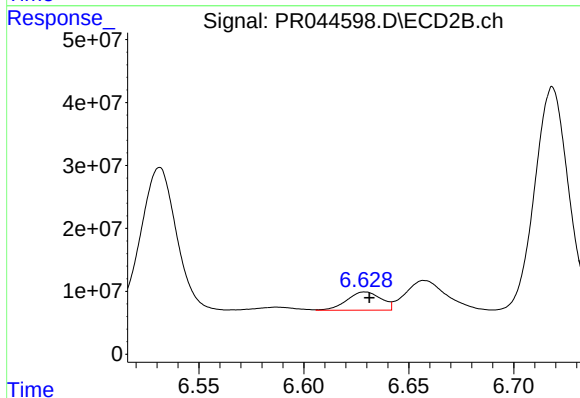
R.T.: 6.416 min
Delta R.T.: 0.012 min
Response: 245026204
Conc: 218.11 ng/ml



#29 AR-1254-4

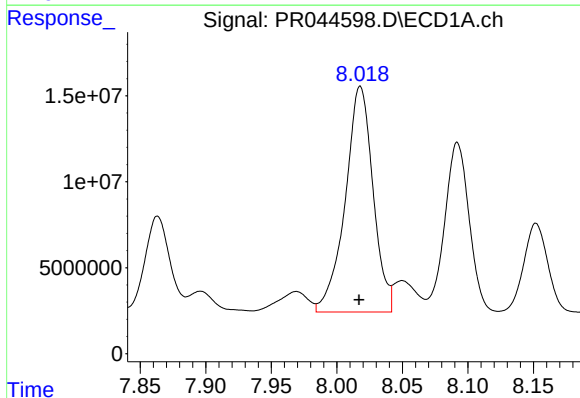
R.T.: 7.600 min
Delta R.T.: 0.003 min
Response: 23754937
Conc: 60.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



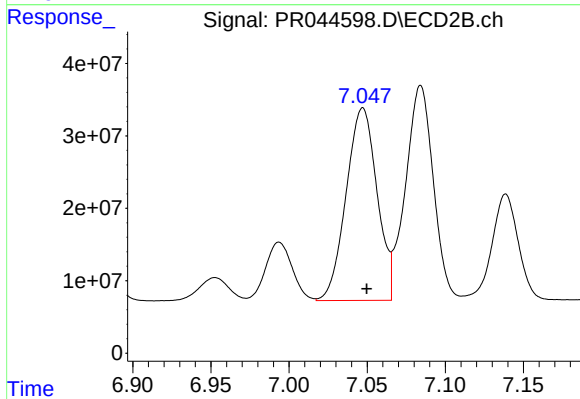
#29 AR-1254-4

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 32998009
Conc: 38.88 ng/ml



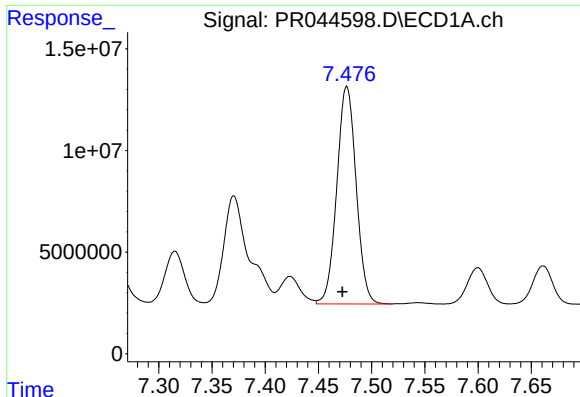
#30 AR-1254-5

R.T.: 8.018 min
Delta R.T.: 0.001 min
Response: 194070928
Conc: 450.16 ng/ml



#30 AR-1254-5

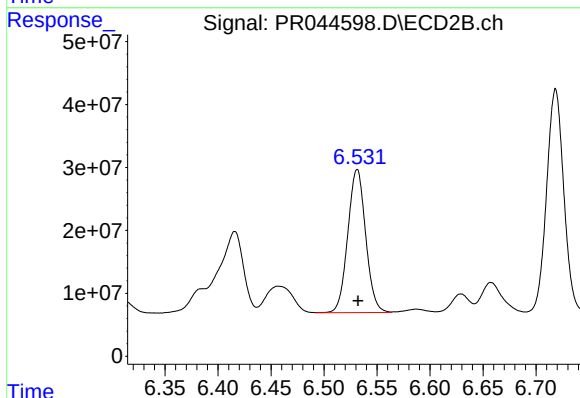
R.T.: 7.047 min
Delta R.T.: -0.002 min
Response: 366036499
Conc: 342.32 ng/ml



#31 AR-1260-1

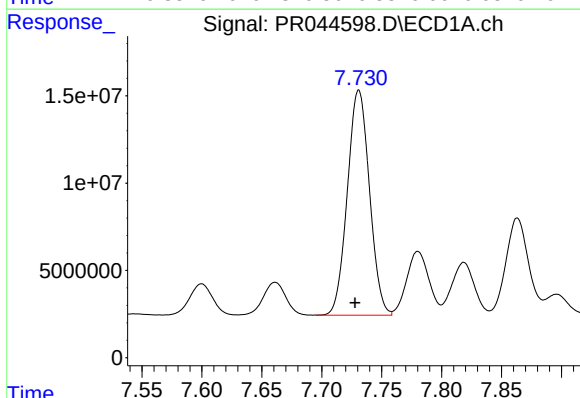
R.T.: 7.477 min
Delta R.T.: 0.004 min
Response: 135397479
Conc: 372.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



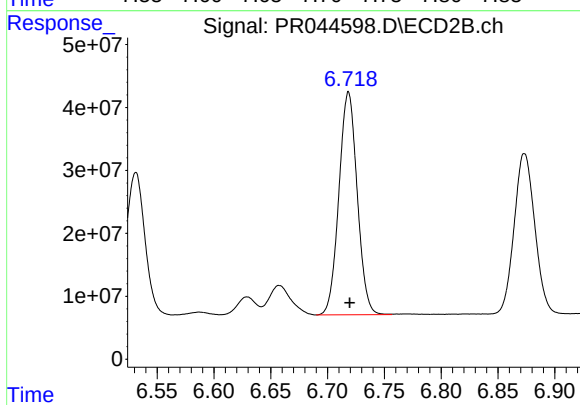
#31 AR-1260-1

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 267632248
Conc: 359.20 ng/ml



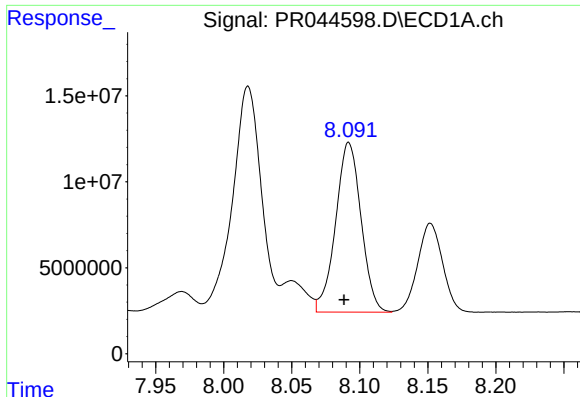
#32 AR-1260-2

R.T.: 7.731 min
Delta R.T.: 0.003 min
Response: 165575883
Conc: 365.06 ng/ml



#32 AR-1260-2

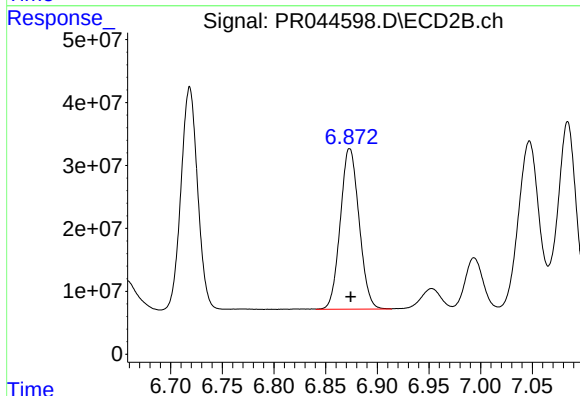
R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 396687997
Conc: 350.78 ng/ml



#33 AR-1260-3

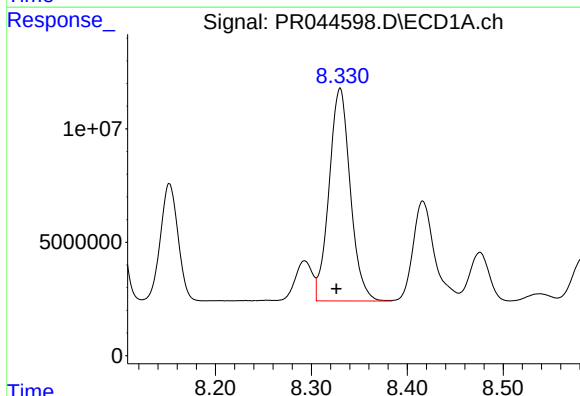
R.T.: 8.092 min
Delta R.T.: 0.004 min
Response: 128443546
Conc: 362.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



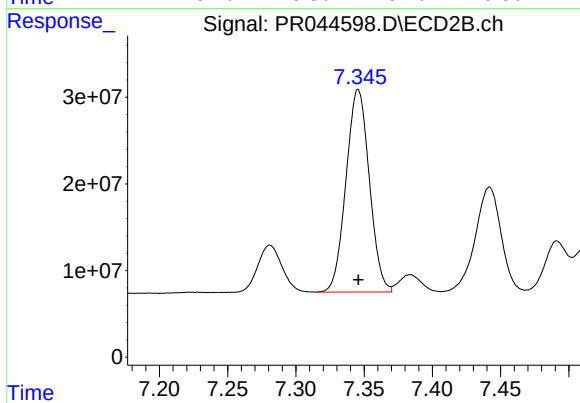
#33 AR-1260-3

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 322983937
Conc: 354.08 ng/ml



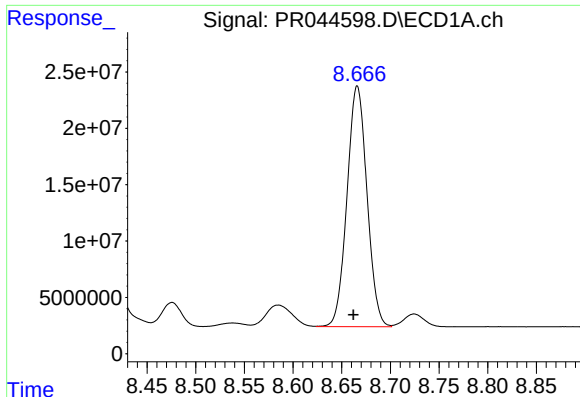
#34 AR-1260-4

R.T.: 8.330 min
Delta R.T.: 0.004 min
Response: 144266636
Conc: 355.43 ng/ml



#34 AR-1260-4

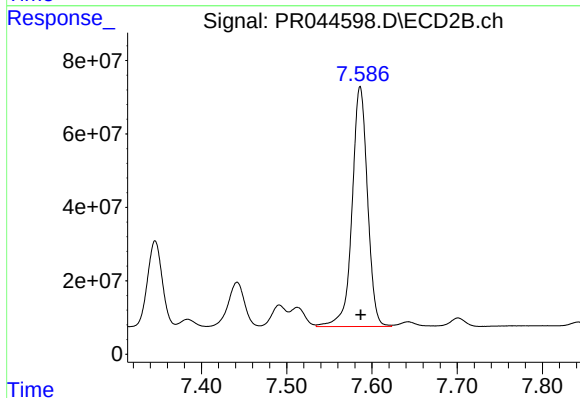
R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 278191103
Conc: 338.36 ng/ml



#35 AR-1260-5

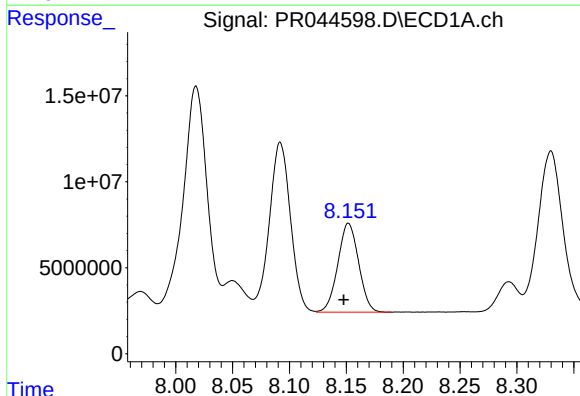
R.T.: 8.666 min
Delta R.T.: 0.004 min
Response: 305288423
Conc: 347.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



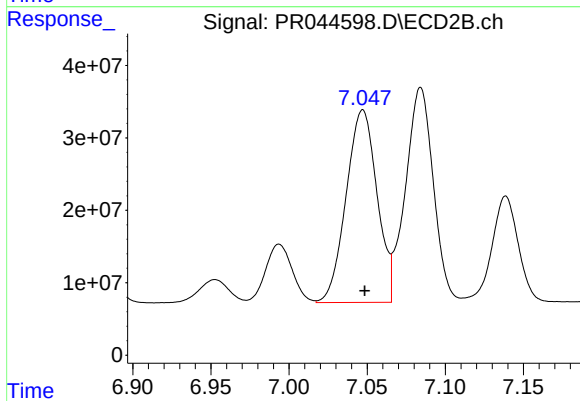
#35 AR-1260-5

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 822006723
Conc: 332.98 ng/ml



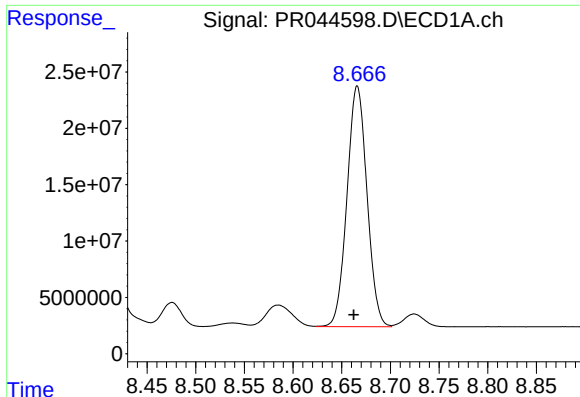
#36 AR-1262-1

R.T.: 8.152 min
Delta R.T.: 0.004 min
Response: 65730068
Conc: 315.24 ng/ml



#36 AR-1262-1

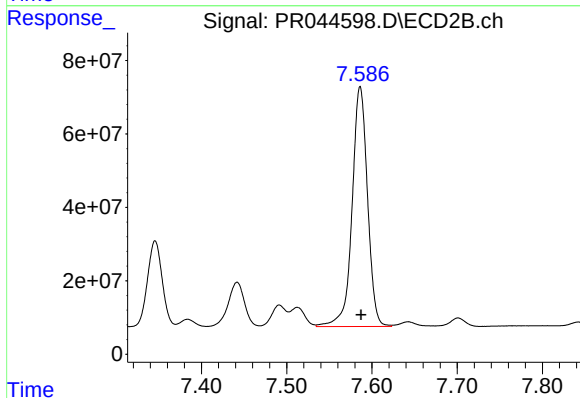
R.T.: 7.047 min
Delta R.T.: -0.001 min
Response: 366036499
Conc: 615.35 ng/ml



#37 AR-1262-2

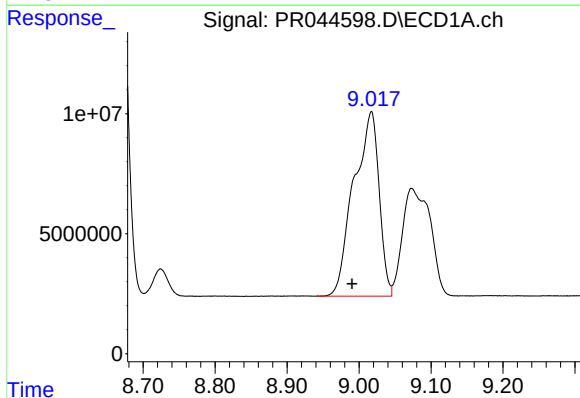
R.T.: 8.666 min
Delta R.T.: 0.004 min
Response: 305288423
Conc: 302.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



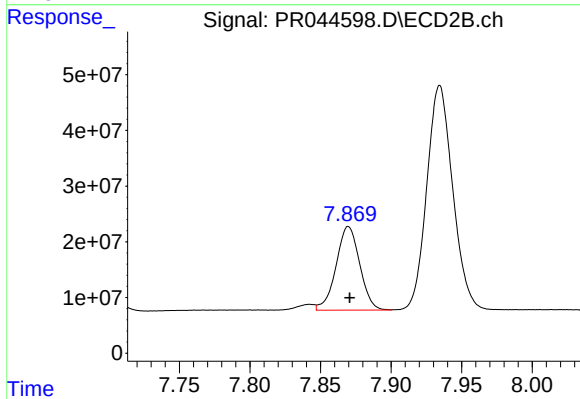
#37 AR-1262-2

R.T.: 7.586 min
Delta R.T.: -0.001 min
Response: 822006723
Conc: 302.38 ng/ml



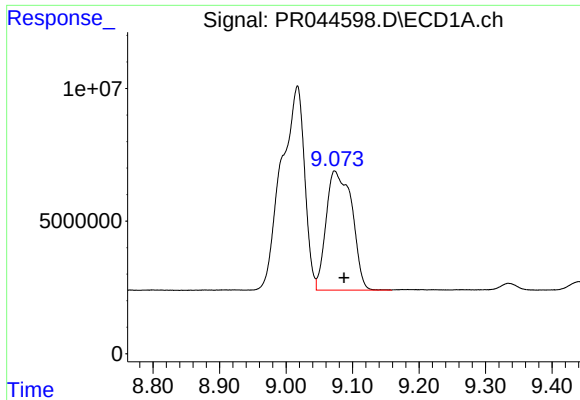
#38 AR-1262-3

R.T.: 9.017 min
Delta R.T.: 0.027 min
Response: 187534351
Conc: 278.83 ng/ml



#38 AR-1262-3

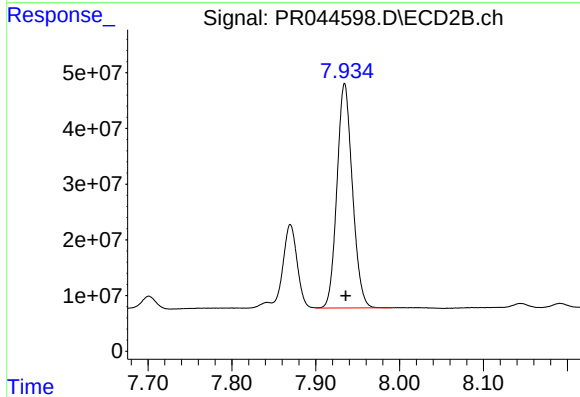
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 174946618
Conc: 159.09 ng/ml



#39 AR-1262-4

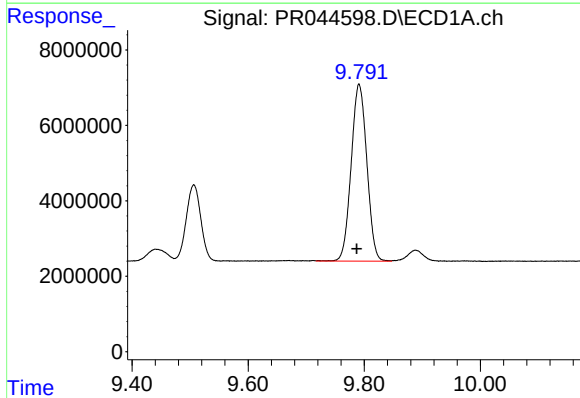
R.T.: 9.073 min
Delta R.T.: -0.014 min
Response: 121307352
Conc: 235.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



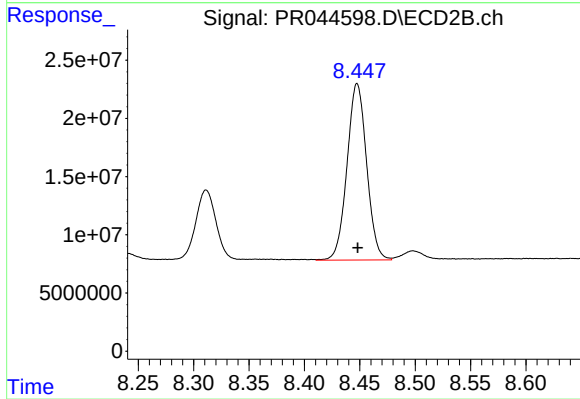
#39 AR-1262-4

R.T.: 7.934 min
Delta R.T.: -0.002 min
Response: 515536323
Conc: 285.59 ng/ml



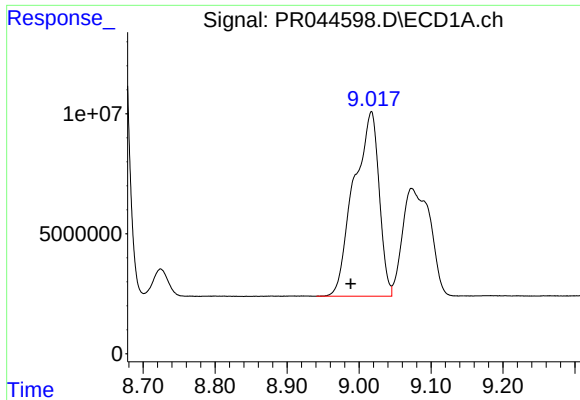
#40 AR-1262-5

R.T.: 9.791 min
Delta R.T.: 0.004 min
Response: 87968977
Conc: 235.08 ng/ml



#40 AR-1262-5

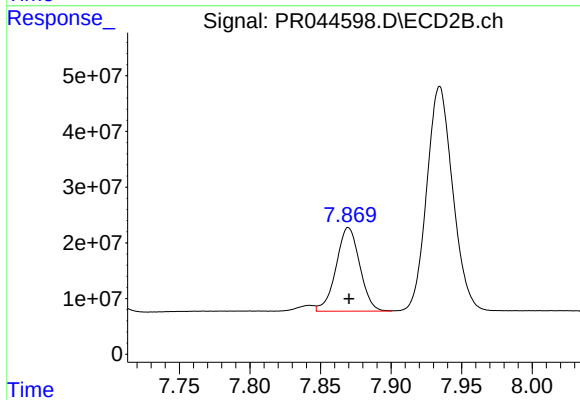
R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 186738165
Conc: 224.47 ng/ml



#41 AR-1268-1

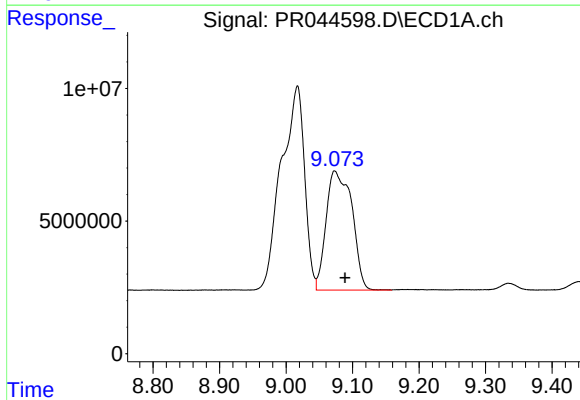
R.T.: 9.017 min
Delta R.T.: 0.028 min
Response: 187534351
Conc: 165.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



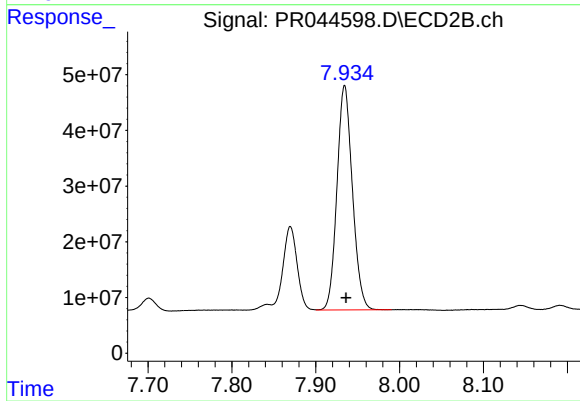
#41 AR-1268-1

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 174946618
Conc: 59.10 ng/ml



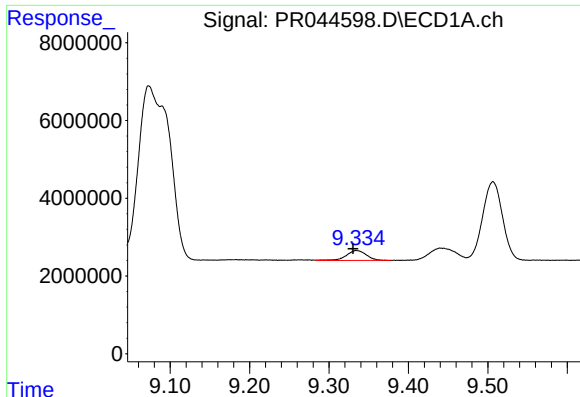
#42 AR-1268-2

R.T.: 9.073 min
Delta R.T.: -0.016 min
Response: 121307352
Conc: 112.74 ng/ml



#42 AR-1268-2

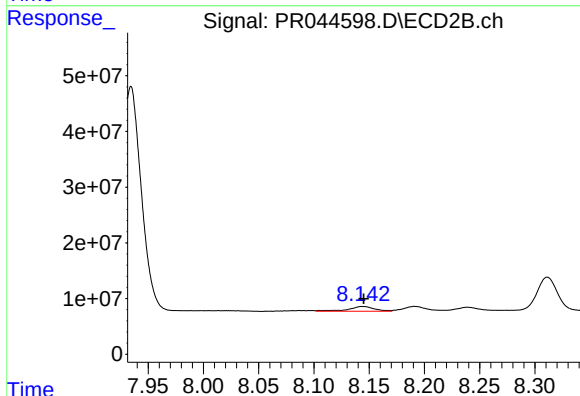
R.T.: 7.934 min
Delta R.T.: -0.002 min
Response: 515536323
Conc: 204.50 ng/ml



#43 AR-1268-3

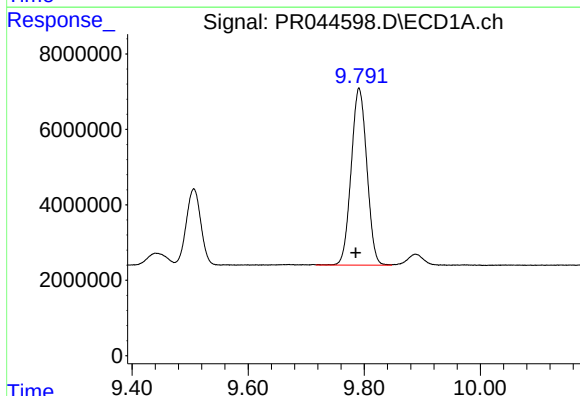
R.T.: 9.334 min
Delta R.T.: 0.004 min
Response: 4493462
Conc: 4.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



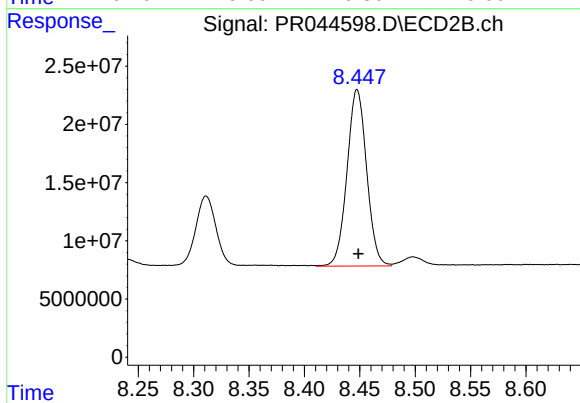
#43 AR-1268-3

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 14023136
Conc: 6.60 ng/ml



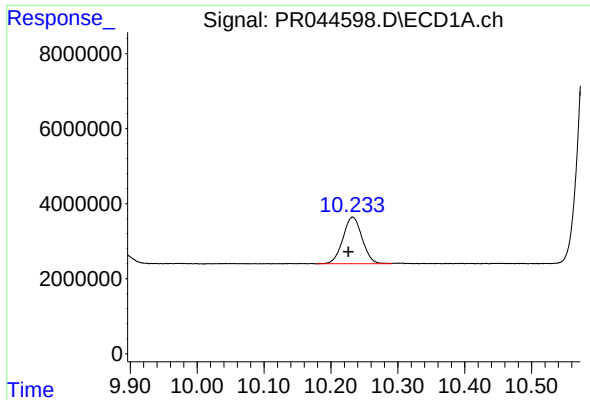
#44 AR-1268-4

R.T.: 9.791 min
Delta R.T.: 0.006 min
Response: 87968977
Conc: 219.54 ng/ml



#44 AR-1268-4

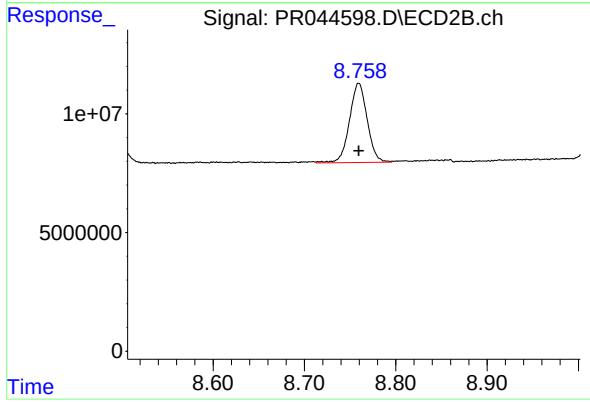
R.T.: 8.448 min
Delta R.T.: -0.001 min
Response: 186738165
Conc: 211.90 ng/ml



#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: 0.007 min
Response: 24774984
Conc: 7.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660330



#45 AR-1268-5

R.T.: 8.760 min
Delta R.T.: 0.000 min
Response: 45027019
Conc: 7.33 ng/ml