

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020121\
 Data File : P0075391.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Feb 2021 15:25
 Operator : AJ/MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 16:34:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 29 09:09:46 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.925	3.996	5498854	2607540	54.335	54.243
2)	SA Decachlor...	10.944	9.247	5704665	2794715	59.127	57.574
Target Compounds							
3)	L1 AR-1016-1	6.249	5.239	68378	32194	17.306	16.587
4)	L1 AR-1016-2	6.274	5.259	78526	24068	14.318	8.974 #
5)	L1 AR-1016-3	6.337	5.450	33775	17933	10.327	12.492
6)	L1 AR-1016-4	6.443	5.501	34742	660541	12.617	550.925 #
7)	L1 AR-1016-5	6.763	5.727	740393	395643	277.791	271.484
9)	L2 AR-1221-2	5.279	4.344	69095	37828	78.266	81.325
10)	L2 AR-1221-3	5.362	0.000	14550	0	5.270	N.D. #
11)	L3 AR-1232-1	5.362	0.000	14550	0	6.476	N.D. #
12)	L3 AR-1232-2	5.953	5.259	27840	24068	24.528	20.141
13)	L3 AR-1232-3	6.274	5.450	78526	17933	32.788	28.249
14)	L3 AR-1232-4	6.443	5.544	34742	206506	29.476	372.253 #
15)	L3 AR-1232-5	6.544	5.727	1265113	395643	1574.909	664.267 #
16)	L4 AR-1242-1	6.249	5.239	68378	32194	21.761	20.566
17)	L4 AR-1242-2	6.274	5.259	78526	24068	17.901	11.035 #
18)	L4 AR-1242-3	6.337	5.450	33775	17933	12.714	15.174
19)	L4 AR-1242-4	6.443	5.544	34742	206506	15.746	180.331 #
20)	L4 AR-1242-5	7.235	6.104	724163	1584965	291.619	1053.012 #
21)	L5 AR-1248-1	6.249	5.239	68378	32194	29.377	26.821
22)	L5 AR-1248-2	6.544	5.501	1265113	660541	412.327	400.468
23)	L5 AR-1248-3	6.763	5.544	740393	206506	205.929	124.103 #
24)	L5 AR-1248-4	7.193	5.727	1233045	395643	278.297	201.021 #
25)	L5 AR-1248-5	7.235	6.147	724163	217436	171.550	104.096 #
26)	L6 AR-1254-1	7.162	6.104	2277684	1584965	528.480	511.745
27)	L6 AR-1254-2	7.392	6.263	3548631	1374348	526.335	511.797
28)	L6 AR-1254-3	7.776	6.680	3663191	2197065	531.197	515.259
29)	L6 AR-1254-4	8.073	6.918	3203678	1502241	529.926	515.402
30)	L6 AR-1254-5	8.503	7.343	3113037	2027869	556.906	522.495
31)	L7 AR-1260-1	7.943	6.816	1548802	1114268	335.713	410.453
32)	L7 AR-1260-2	8.209	7.012	1962811	956245	304.100	288.254
33)	L7 AR-1260-3	8.566	7.162	396944	912273	72.744	306.954 #
34)	L7 AR-1260-4	8.800	7.643	1233304	106123	239.919	40.794 #
35)	L7 AR-1260-5	9.133	7.890	531553	273212	45.042	43.173
36)	L8 AR-1262-1	8.566	7.343	396944	2027869	45.487	929.695 #
37)	L8 AR-1262-2	9.133	7.890	531553	273212	35.151	35.625
38)	L8 AR-1262-3	9.466f	8.174	381723	18390	36.540	5.557 #
39)	L8 AR-1262-4	9.515f	8.234	113466	263705	15.352	45.927 #
40)	L8 AR-1262-5	10.201	8.732	27136	16737	5.233	6.084
41)	L9 AR-1268-1	9.466f	8.174	381723	18390	20.265	1.971 #
42)	L9 AR-1268-2	9.515f	8.234	113466	263705	7.155	31.478 #

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 Operator : AJ/MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

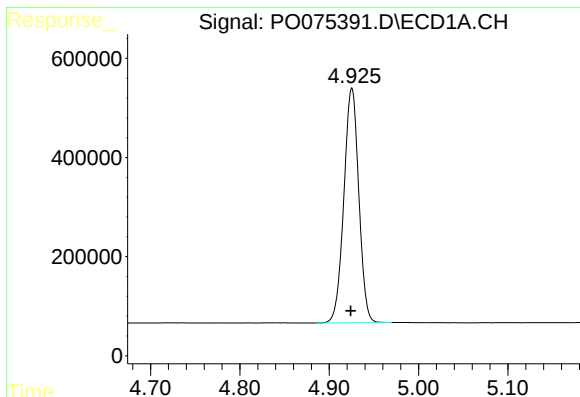
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 16:34:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012821.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.764	0.000	27425	0	1.973	N.D. #
44) L9	AR-1268-4	10.201	8.732	27136	16737	4.606	5.312
45) L9	AR-1268-5	10.612	9.008	169044	38712	4.048	1.825 #

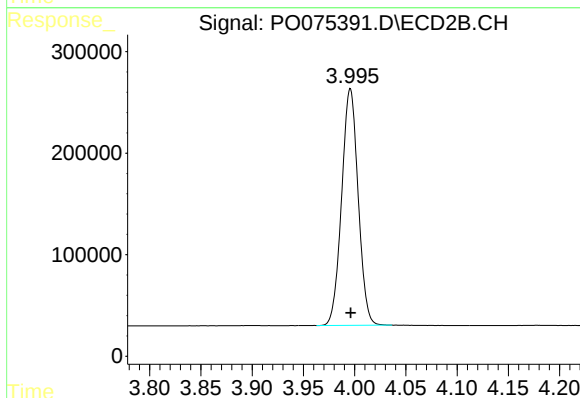
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

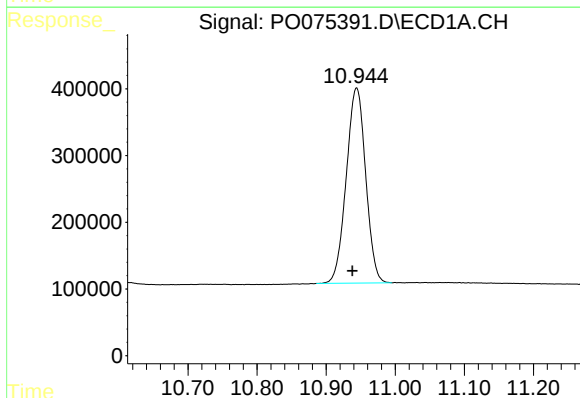
R.T.: 4.925 min
Delta R.T.: 0.001 min
Response: 5498854
Conc: 54.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



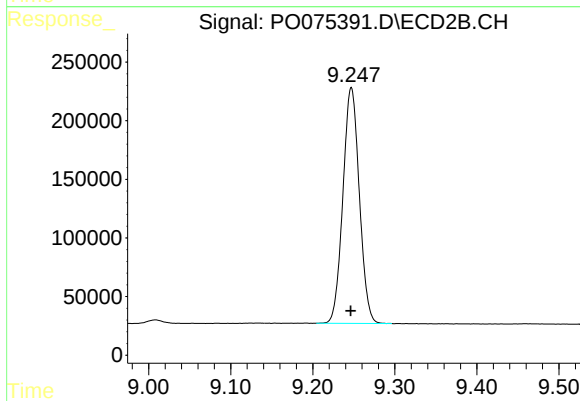
#1 Tetrachloro-m-xylene

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 2607540
Conc: 54.24 ng/ml



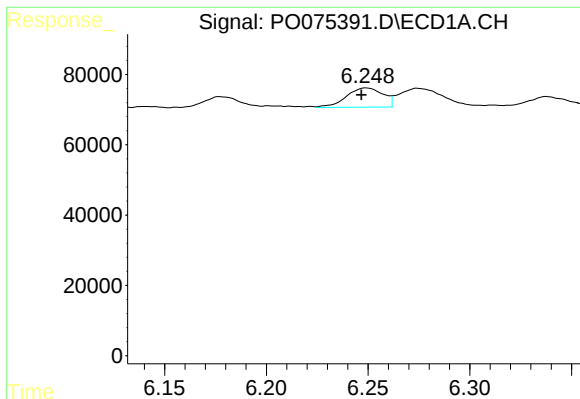
#2 Decachlorobiphenyl

R.T.: 10.944 min
Delta R.T.: 0.006 min
Response: 5704665
Conc: 59.13 ng/ml



#2 Decachlorobiphenyl

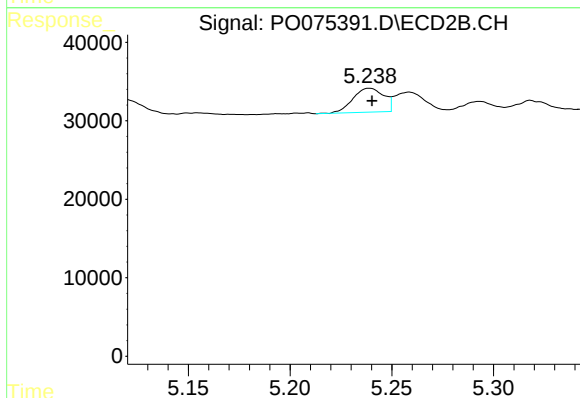
R.T.: 9.247 min
Delta R.T.: 0.000 min
Response: 2794715
Conc: 57.57 ng/ml



#3 AR-1016-1

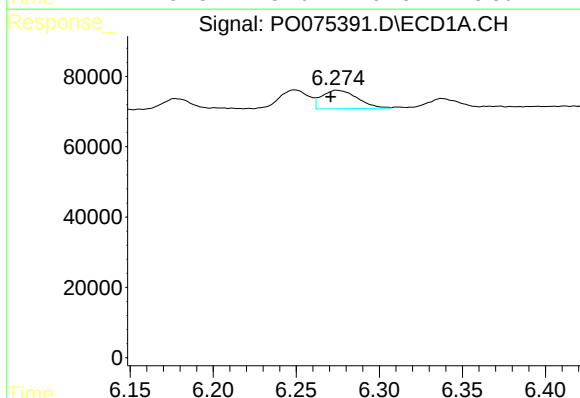
R.T.: 6.249 min
Delta R.T.: 0.002 min
Response: 68378
Conc: 17.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



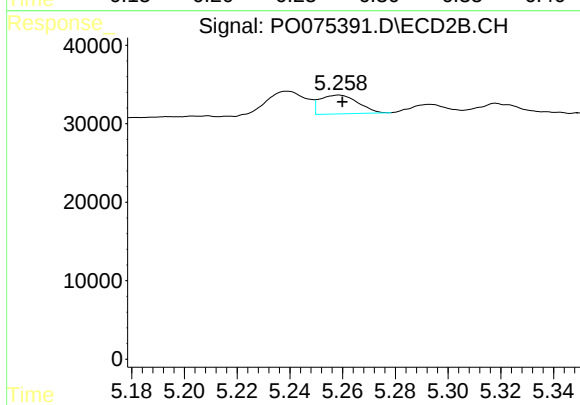
#3 AR-1016-1

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 32194
Conc: 16.59 ng/ml



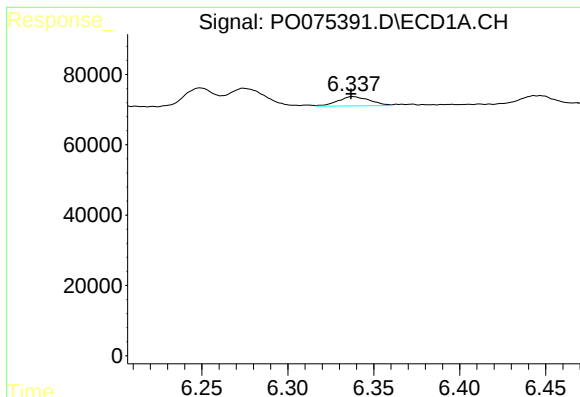
#4 AR-1016-2

R.T.: 6.274 min
Delta R.T.: 0.003 min
Response: 78526
Conc: 14.32 ng/ml



#4 AR-1016-2

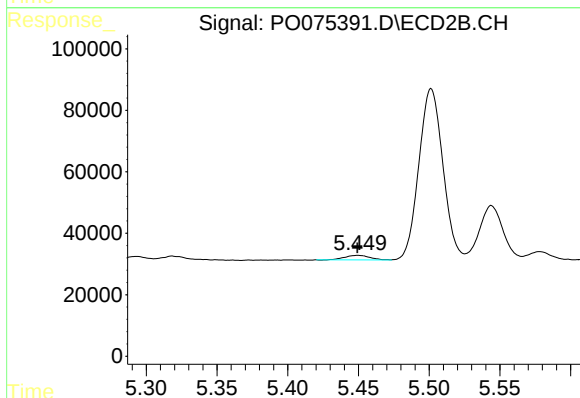
R.T.: 5.259 min
Delta R.T.: -0.001 min
Response: 24068
Conc: 8.97 ng/ml



#5 AR-1016-3

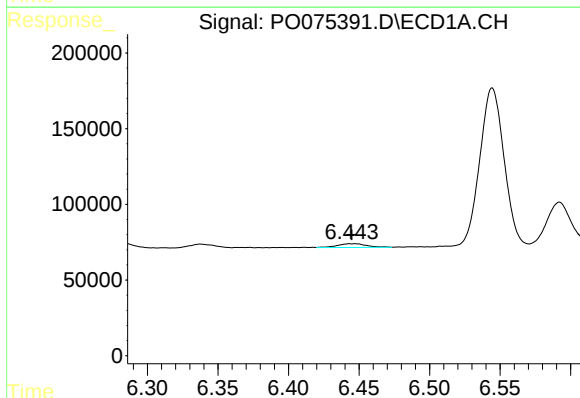
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 33775
Conc: 10.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



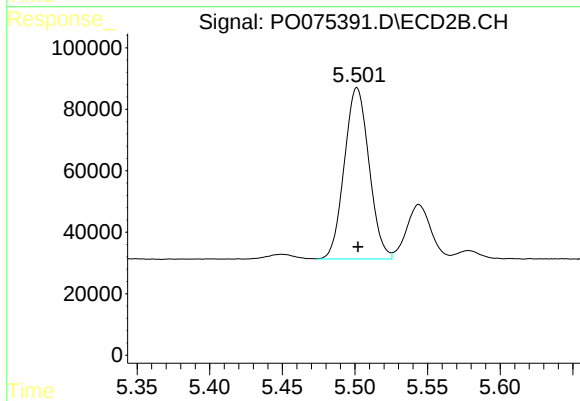
#5 AR-1016-3

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 17933
Conc: 12.49 ng/ml



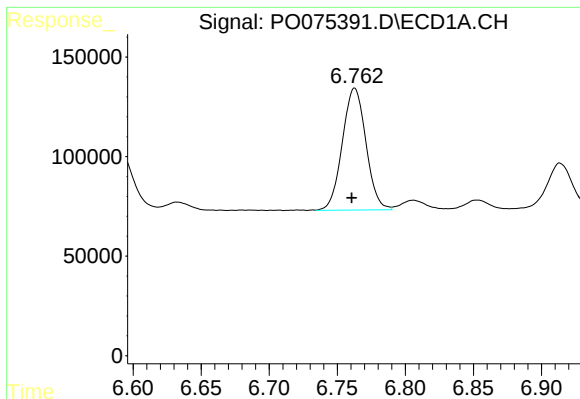
#6 AR-1016-4

R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 34742
Conc: 12.62 ng/ml



#6 AR-1016-4

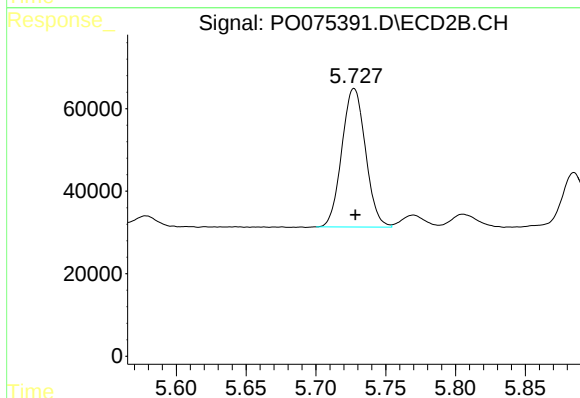
R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 660541
Conc: 550.92 ng/ml



#7 AR-1016-5

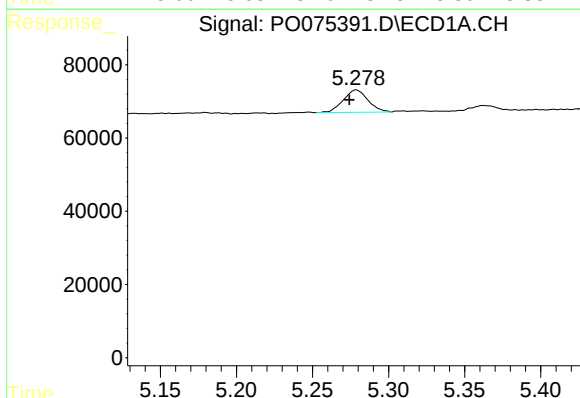
R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 740393
Conc: 277.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



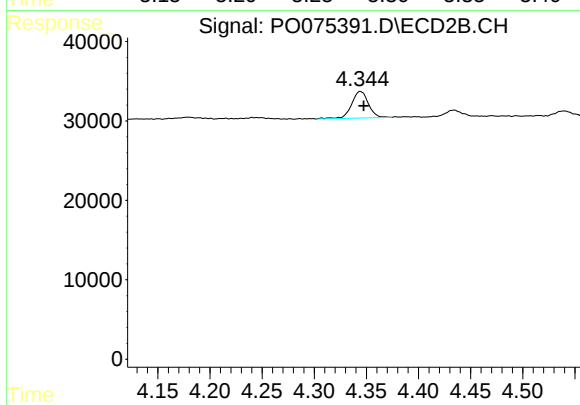
#7 AR-1016-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 395643
Conc: 271.48 ng/ml



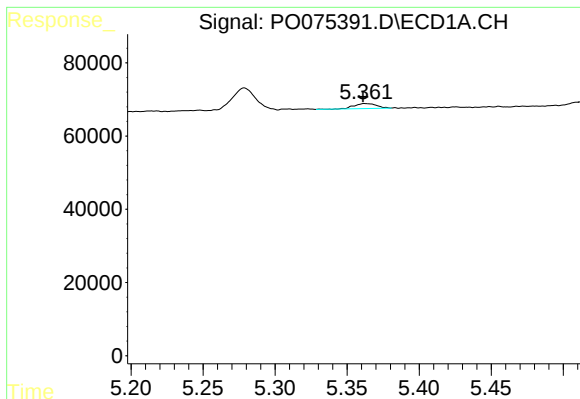
#9 AR-1221-2

R.T.: 5.279 min
Delta R.T.: 0.004 min
Response: 69095
Conc: 78.27 ng/ml



#9 AR-1221-2

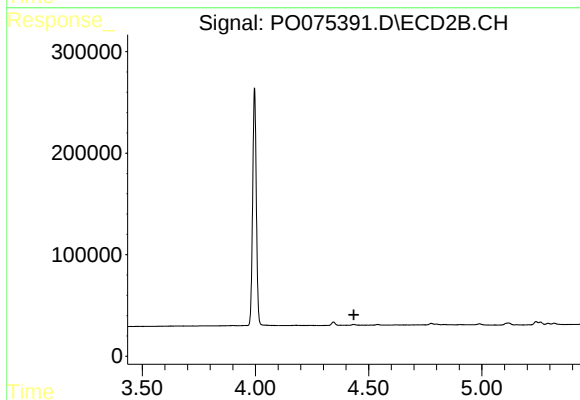
R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 37828
Conc: 81.33 ng/ml



#10 AR-1221-3

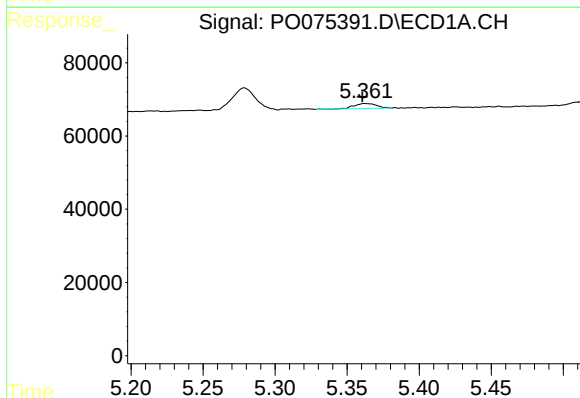
R.T.: 5.362 min
Delta R.T.: 0.001 min
Response: 14550
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



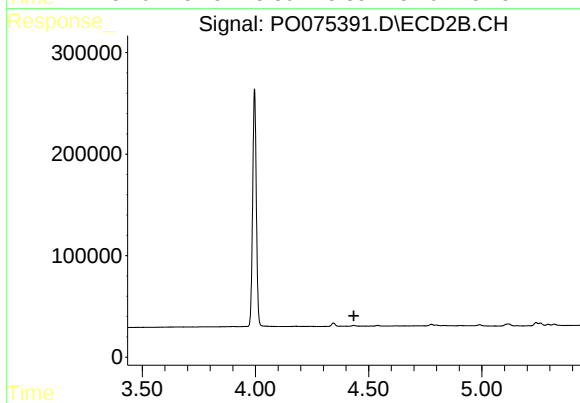
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.435 min
Response: 0
Conc: N.D.



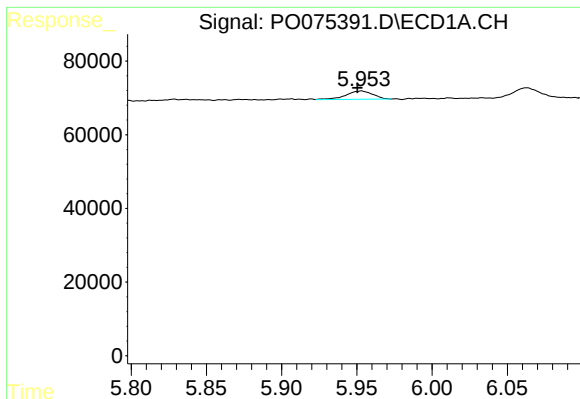
#11 AR-1232-1

R.T.: 5.362 min
Delta R.T.: 0.002 min
Response: 14550
Conc: 6.48 ng/ml



#11 AR-1232-1

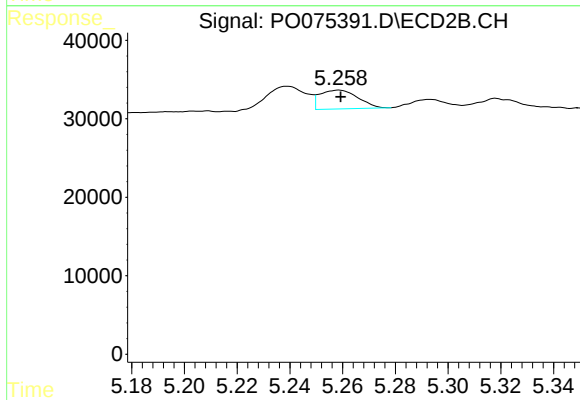
R.T.: 0.000 min
Exp R.T. : 4.435 min
Response: 0
Conc: N.D.



#12 AR-1232-2

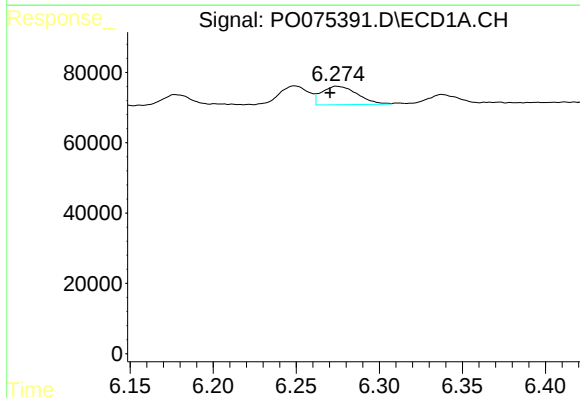
R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 27840
Conc: 24.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



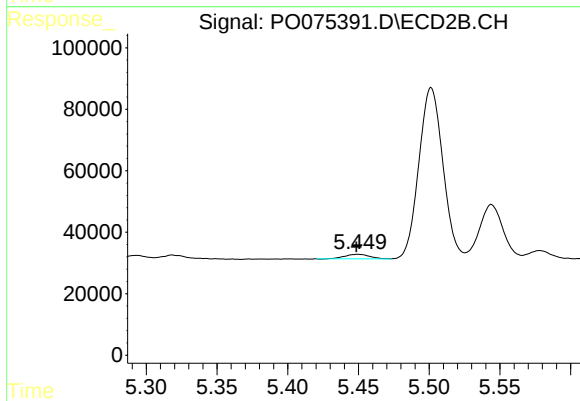
#12 AR-1232-2

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 24068
Conc: 20.14 ng/ml



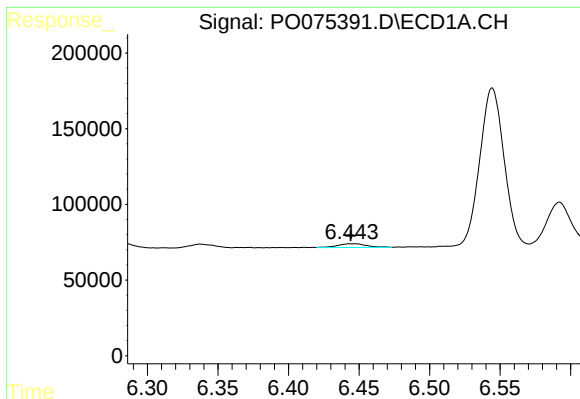
#13 AR-1232-3

R.T.: 6.274 min
Delta R.T.: 0.004 min
Response: 78526
Conc: 32.79 ng/ml



#13 AR-1232-3

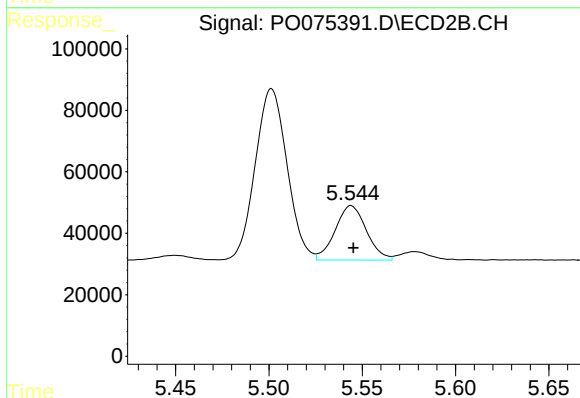
R.T.: 5.450 min
Delta R.T.: 0.001 min
Response: 17933
Conc: 28.25 ng/ml



#14 AR-1232-4

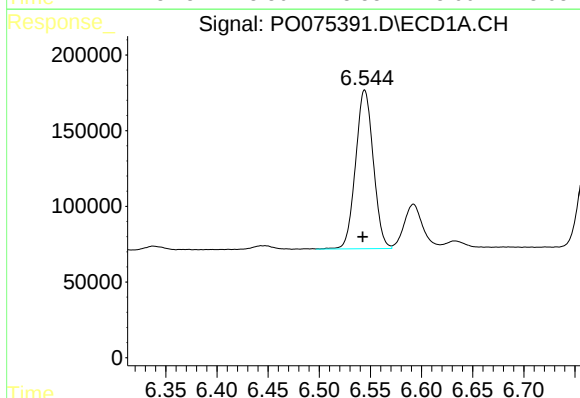
R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 34742
Conc: 29.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



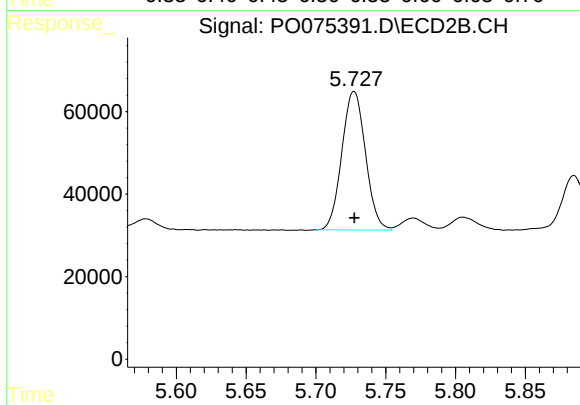
#14 AR-1232-4

R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 206506
Conc: 372.25 ng/ml



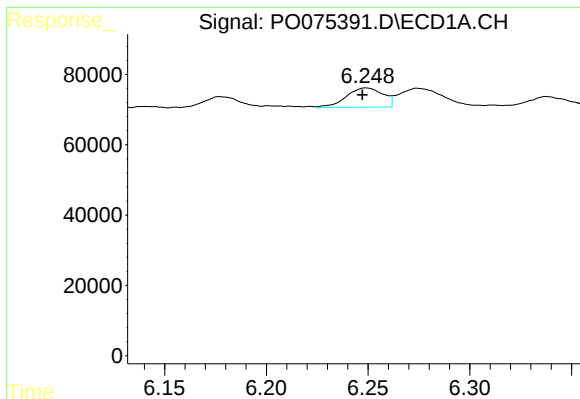
#15 AR-1232-5

R.T.: 6.544 min
Delta R.T.: 0.002 min
Response: 1265113
Conc: 1574.91 ng/ml



#15 AR-1232-5

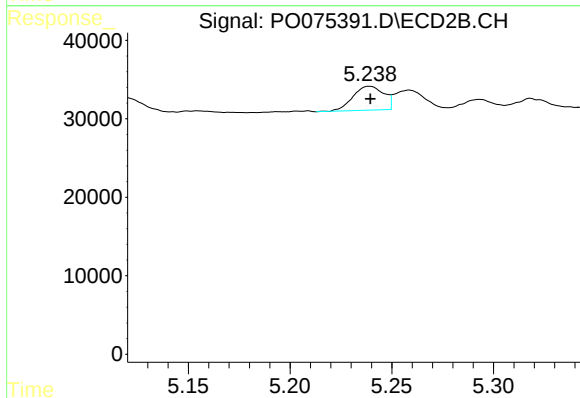
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 395643
Conc: 664.27 ng/ml



#16 AR-1242-1

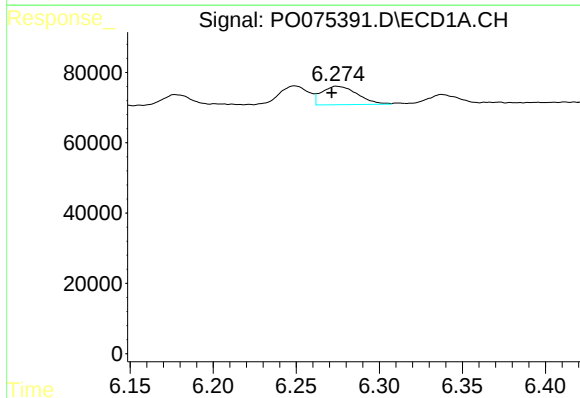
R.T.: 6.249 min
Delta R.T.: 0.002 min
Response: 68378
Conc: 21.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



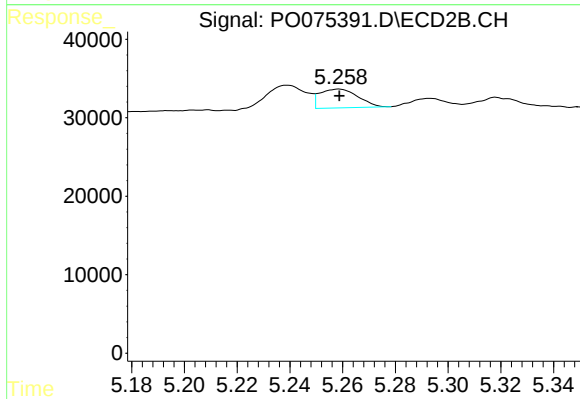
#16 AR-1242-1

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 32194
Conc: 20.57 ng/ml



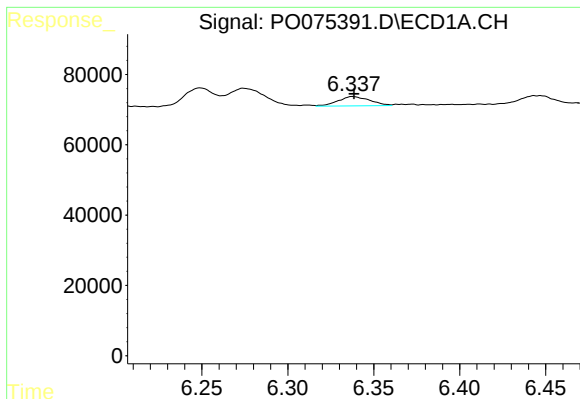
#17 AR-1242-2

R.T.: 6.274 min
Delta R.T.: 0.003 min
Response: 78526
Conc: 17.90 ng/ml



#17 AR-1242-2

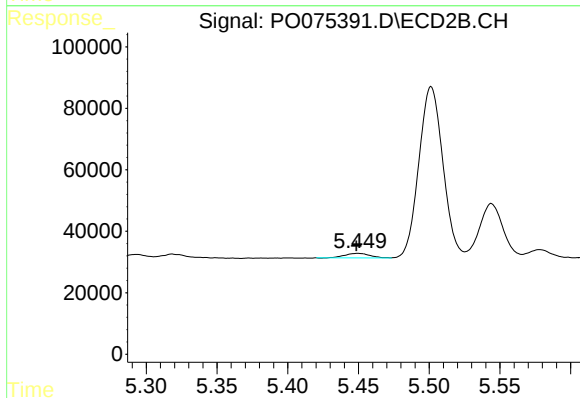
R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 24068
Conc: 11.03 ng/ml



#18 AR-1242-3

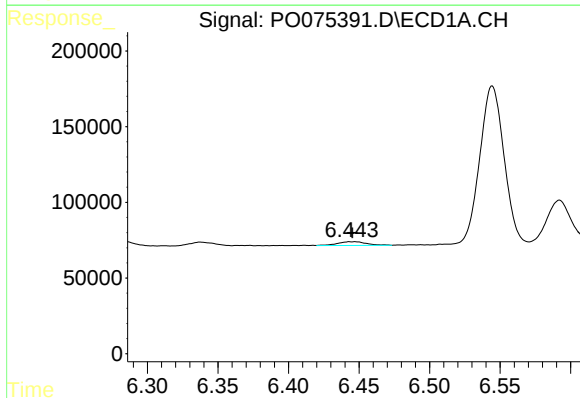
R.T.: 6.337 min
Delta R.T.: -0.001 min
Response: 33775
Conc: 12.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



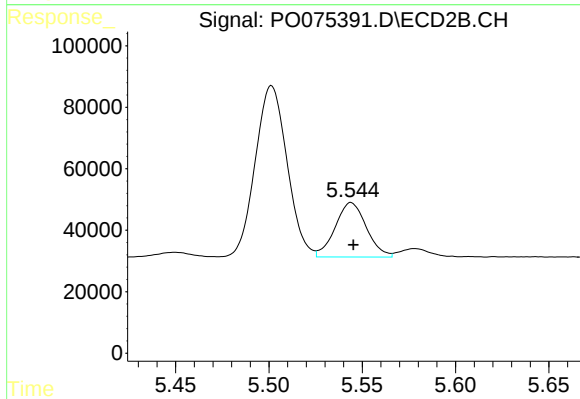
#18 AR-1242-3

R.T.: 5.450 min
Delta R.T.: 0.001 min
Response: 17933
Conc: 15.17 ng/ml



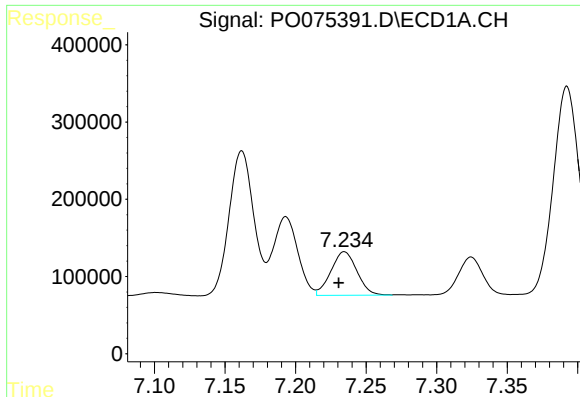
#19 AR-1242-4

R.T.: 6.443 min
Delta R.T.: -0.002 min
Response: 34742
Conc: 15.75 ng/ml



#19 AR-1242-4

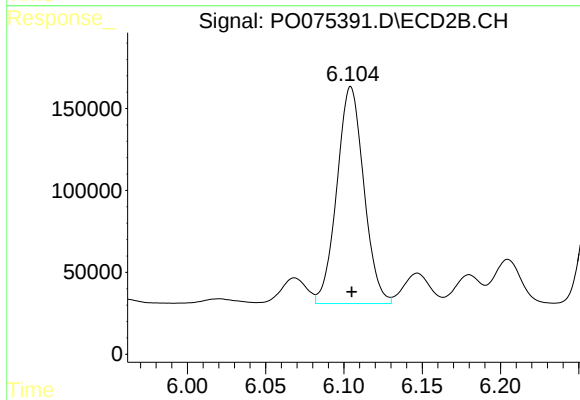
R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 206506
Conc: 180.33 ng/ml



#20 AR-1242-5

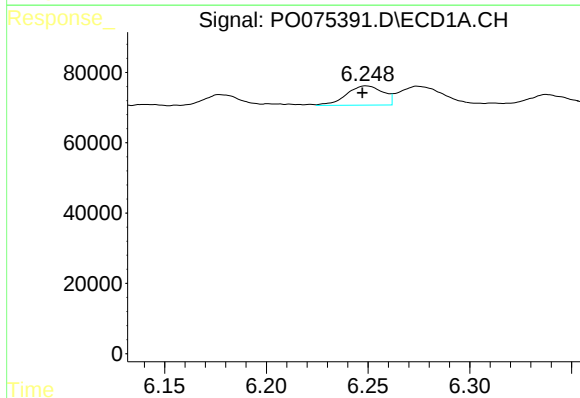
R.T.: 7.235 min
Delta R.T.: 0.004 min
Response: 724163
Conc: 291.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



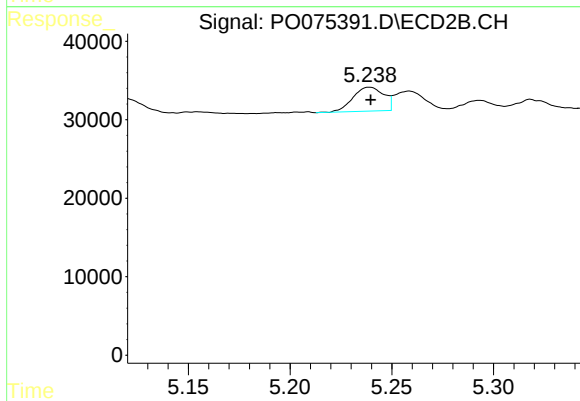
#20 AR-1242-5

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 1584965
Conc: 1053.01 ng/ml



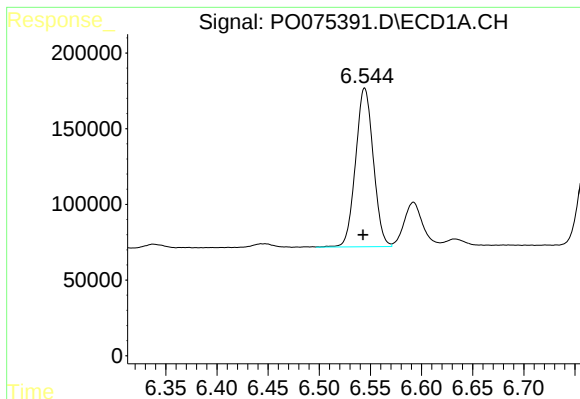
#21 AR-1248-1

R.T.: 6.249 min
Delta R.T.: 0.002 min
Response: 68378
Conc: 29.38 ng/ml



#21 AR-1248-1

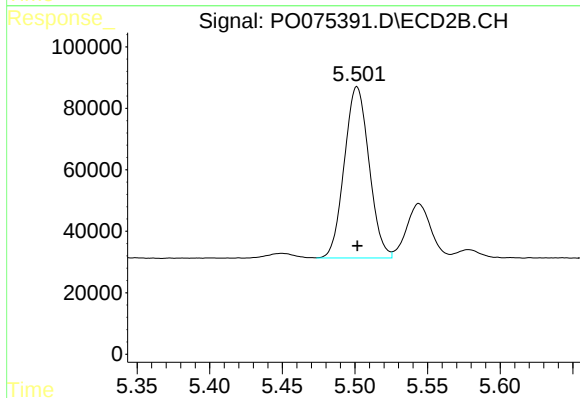
R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 32194
Conc: 26.82 ng/ml



#22 AR-1248-2

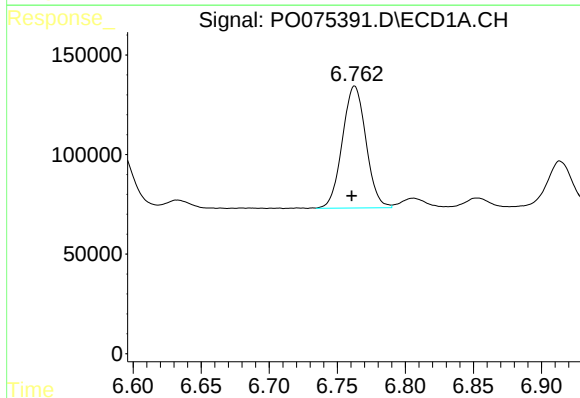
R.T.: 6.544 min
Delta R.T.: 0.002 min
Response: 1265113
Conc: 412.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



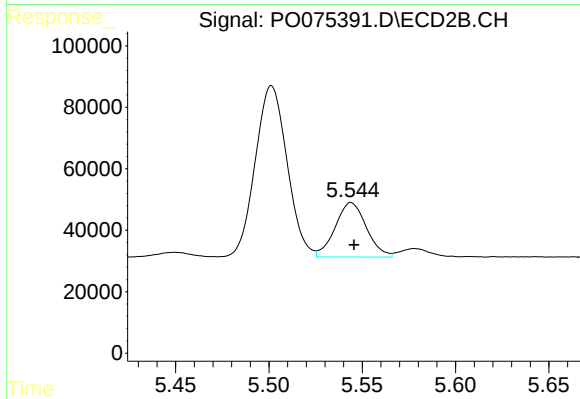
#22 AR-1248-2

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 660541
Conc: 400.47 ng/ml



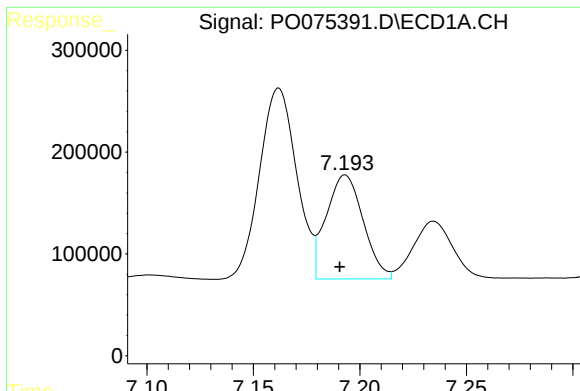
#23 AR-1248-3

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 740393
Conc: 205.93 ng/ml



#23 AR-1248-3

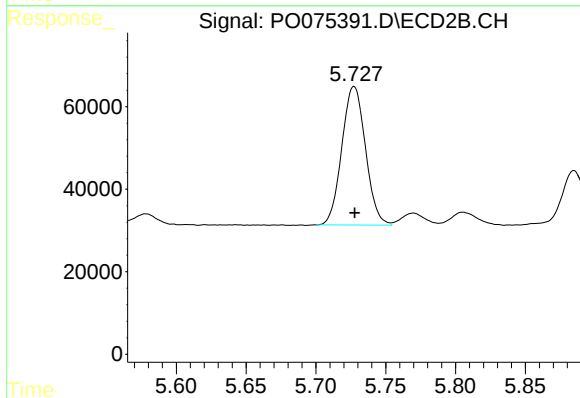
R.T.: 5.544 min
Delta R.T.: -0.002 min
Response: 206506
Conc: 124.10 ng/ml



#24 AR-1248-4

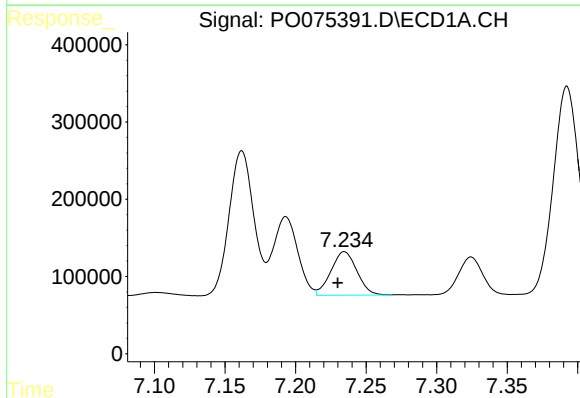
R.T.: 7.193 min
Delta R.T.: 0.003 min
Response: 1233045
Conc: 278.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



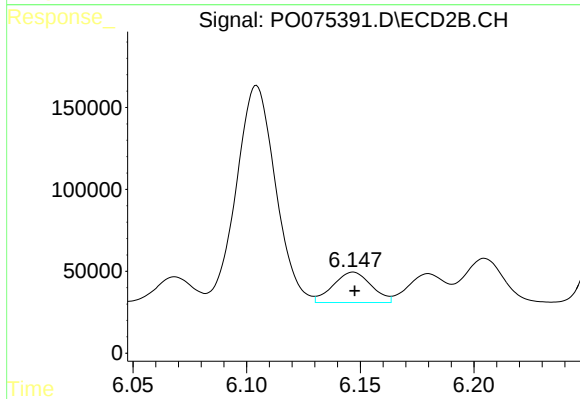
#24 AR-1248-4

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 395643
Conc: 201.02 ng/ml



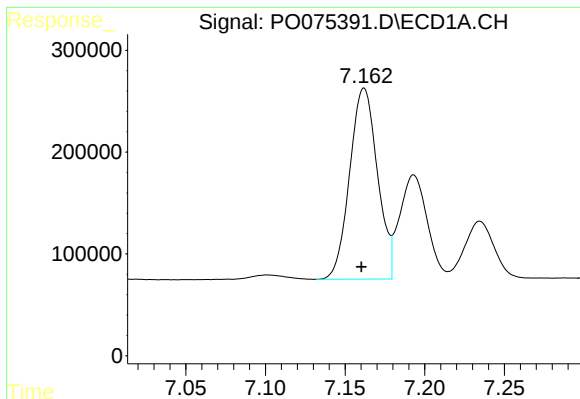
#25 AR-1248-5

R.T.: 7.235 min
Delta R.T.: 0.005 min
Response: 724163
Conc: 171.55 ng/ml



#25 AR-1248-5

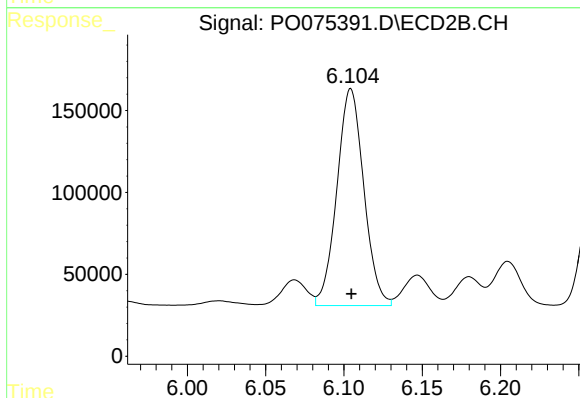
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 217436
Conc: 104.10 ng/ml



#26 AR-1254-1

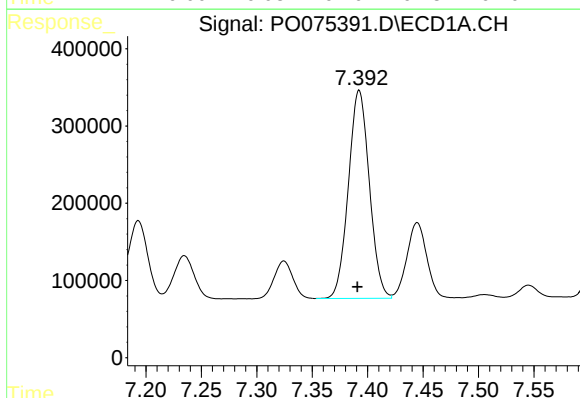
R.T.: 7.162 min
Delta R.T.: 0.002 min
Response: 2277684
Conc: 528.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



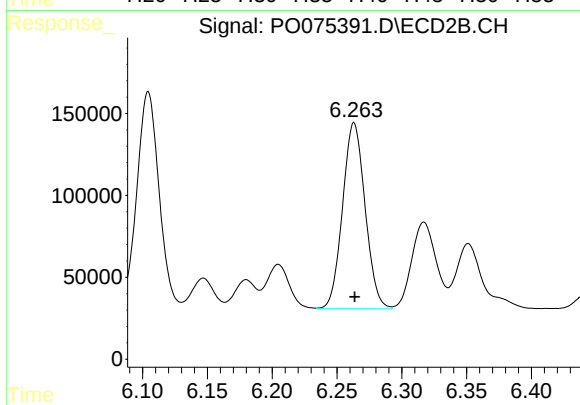
#26 AR-1254-1

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 1584965
Conc: 511.74 ng/ml



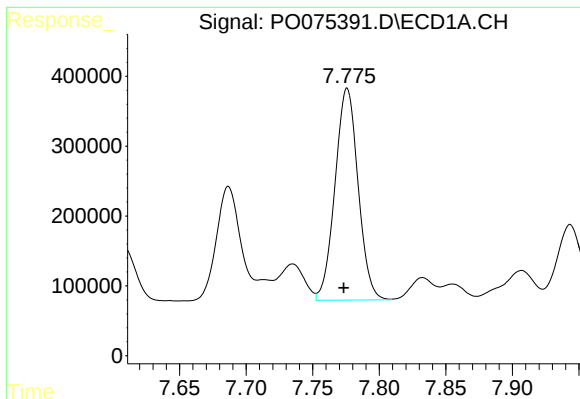
#27 AR-1254-2

R.T.: 7.392 min
Delta R.T.: 0.002 min
Response: 3548631
Conc: 526.33 ng/ml



#27 AR-1254-2

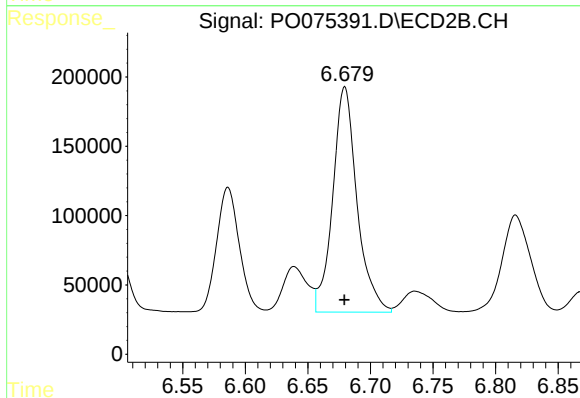
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 1374348
Conc: 511.80 ng/ml



#28 AR-1254-3

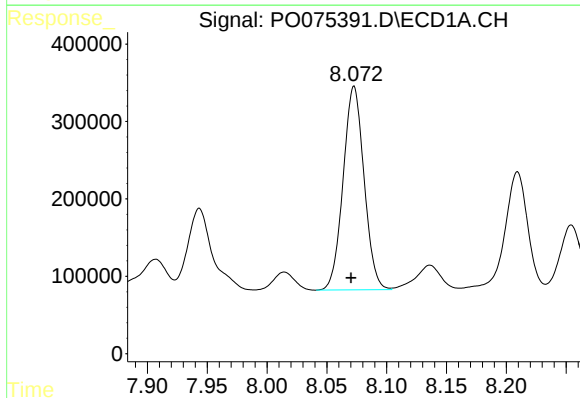
R.T.: 7.776 min
Delta R.T.: 0.003 min
Response: 3663191
Conc: 531.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



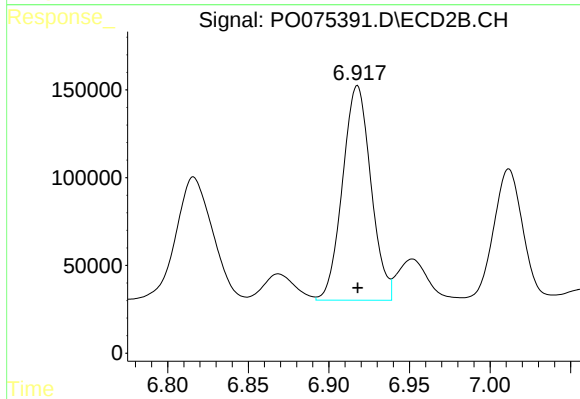
#28 AR-1254-3

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 2197065
Conc: 515.26 ng/ml



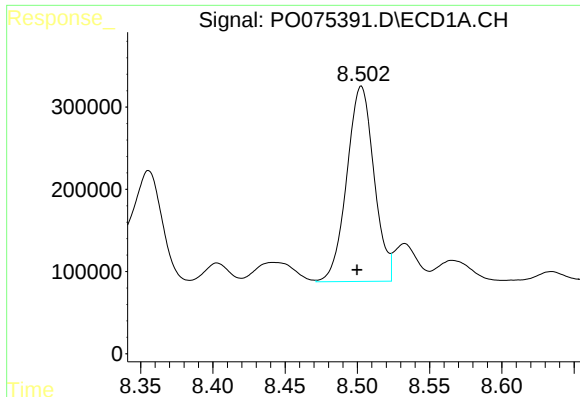
#29 AR-1254-4

R.T.: 8.073 min
Delta R.T.: 0.002 min
Response: 3203678
Conc: 529.93 ng/ml



#29 AR-1254-4

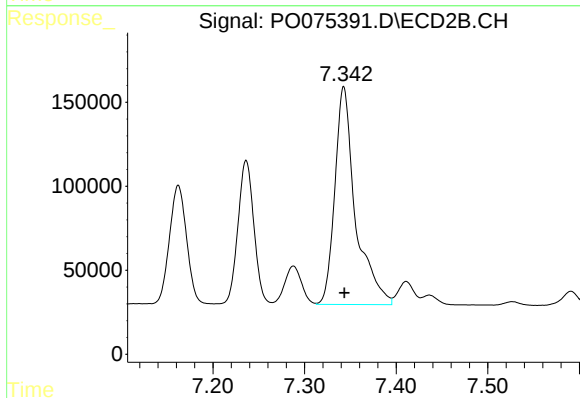
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 1502241
Conc: 515.40 ng/ml



#30 AR-1254-5

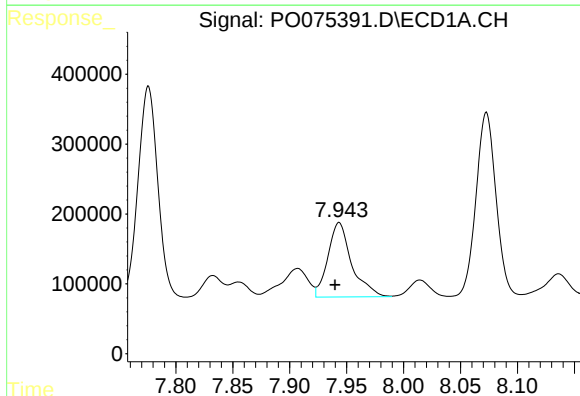
R.T.: 8.503 min
Delta R.T.: 0.003 min
Response: 3113037
Conc: 556.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



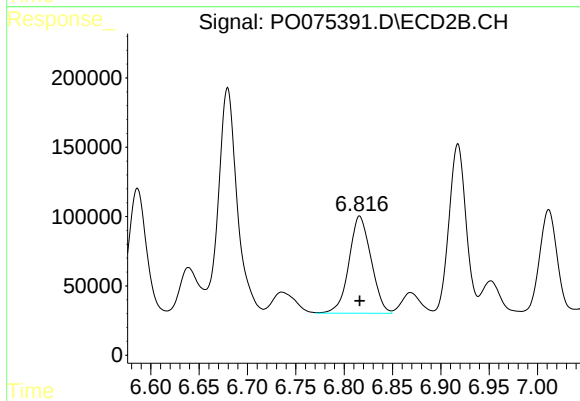
#30 AR-1254-5

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 2027869
Conc: 522.49 ng/ml



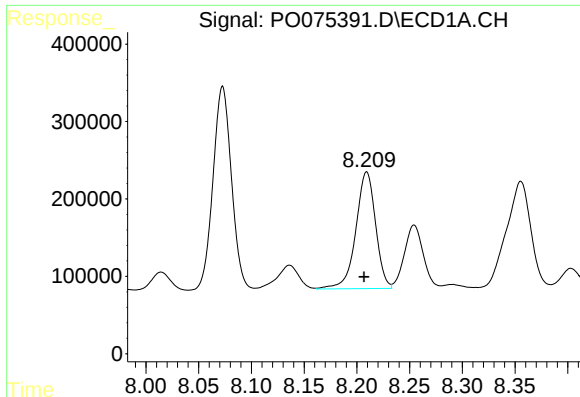
#31 AR-1260-1

R.T.: 7.943 min
Delta R.T.: 0.004 min
Response: 1548802
Conc: 335.71 ng/ml



#31 AR-1260-1

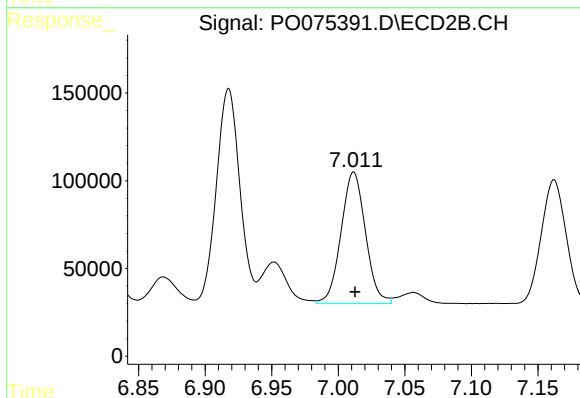
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 1114268
Conc: 410.45 ng/ml



#32 AR-1260-2

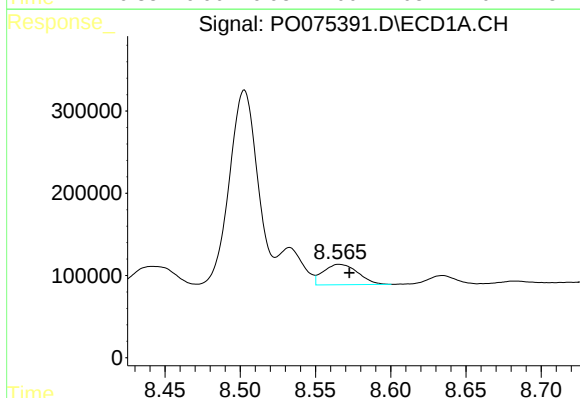
R.T.: 8.209 min
Delta R.T.: 0.003 min
Response: 1962811
Conc: 304.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



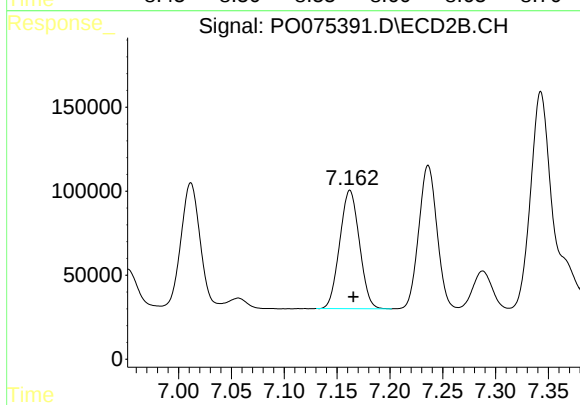
#32 AR-1260-2

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 956245
Conc: 288.25 ng/ml



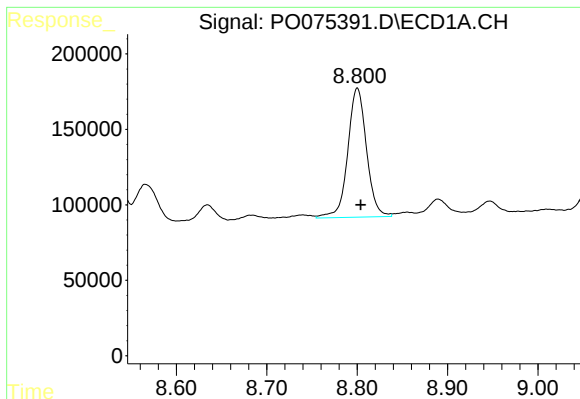
#33 AR-1260-3

R.T.: 8.566 min
Delta R.T.: -0.007 min
Response: 396944
Conc: 72.74 ng/ml



#33 AR-1260-3

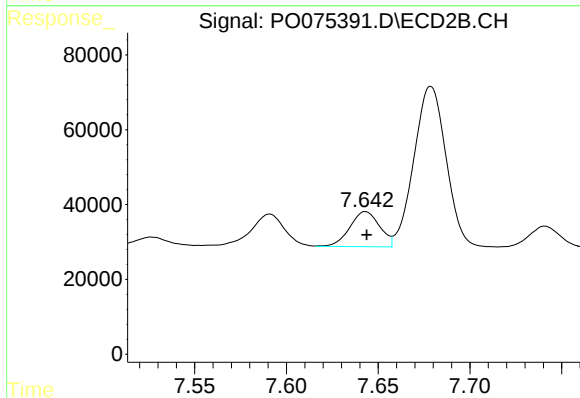
R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 912273
Conc: 306.95 ng/ml



#34 AR-1260-4

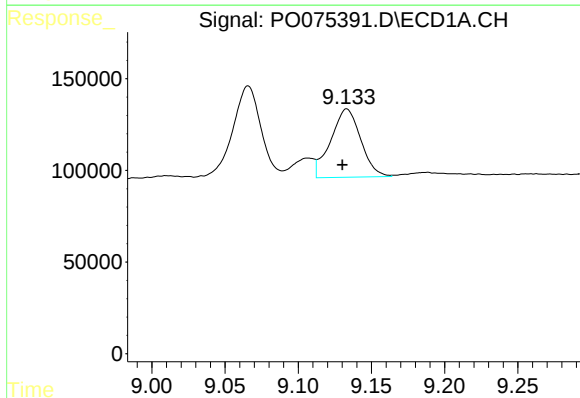
R.T.: 8.800 min
Delta R.T.: -0.004 min
Response: 1233304
Conc: 239.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



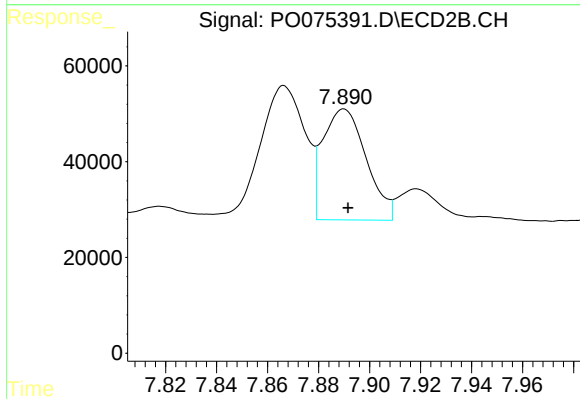
#34 AR-1260-4

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 106123
Conc: 40.79 ng/ml



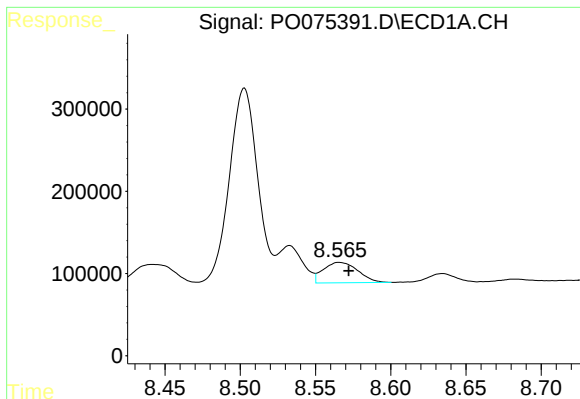
#35 AR-1260-5

R.T.: 9.133 min
Delta R.T.: 0.003 min
Response: 531553
Conc: 45.04 ng/ml



#35 AR-1260-5

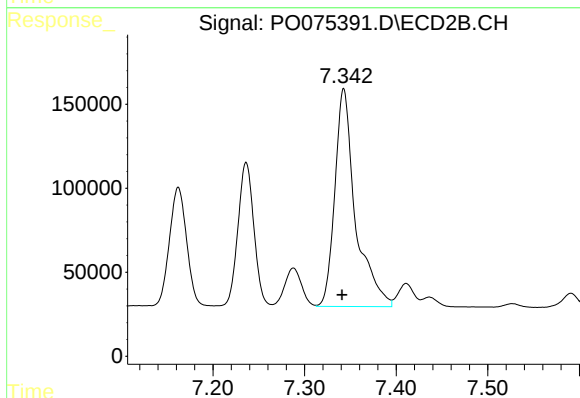
R.T.: 7.890 min
Delta R.T.: -0.002 min
Response: 273212
Conc: 43.17 ng/ml



#36 AR-1262-1

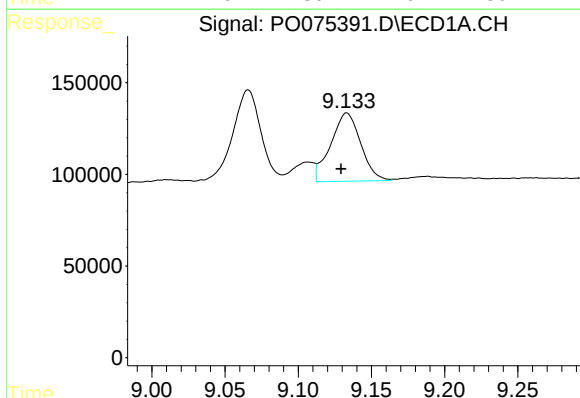
R.T.: 8.566 min
Delta R.T.: -0.006 min
Response: 396944
Conc: 45.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



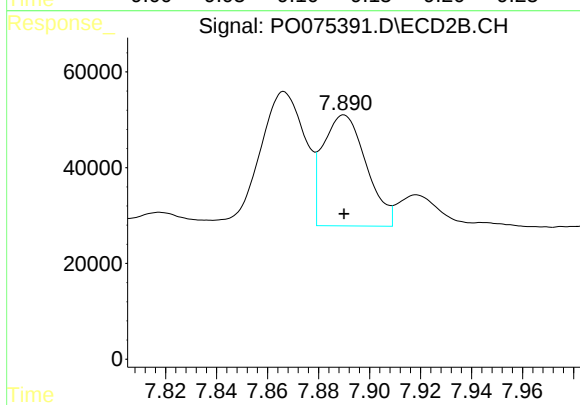
#36 AR-1262-1

R.T.: 7.343 min
Delta R.T.: 0.002 min
Response: 2027869
Conc: 929.70 ng/ml



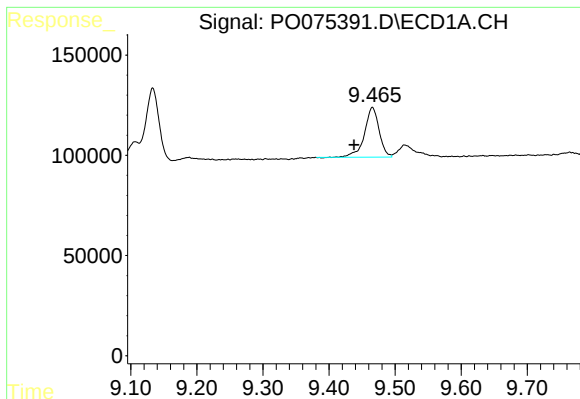
#37 AR-1262-2

R.T.: 9.133 min
Delta R.T.: 0.004 min
Response: 531553
Conc: 35.15 ng/ml



#37 AR-1262-2

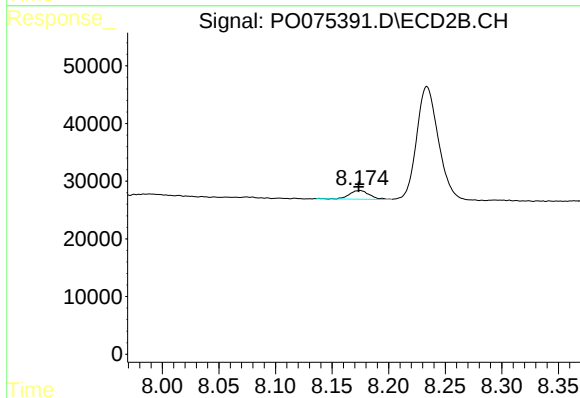
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 273212
Conc: 35.63 ng/ml



#38 AR-1262-3

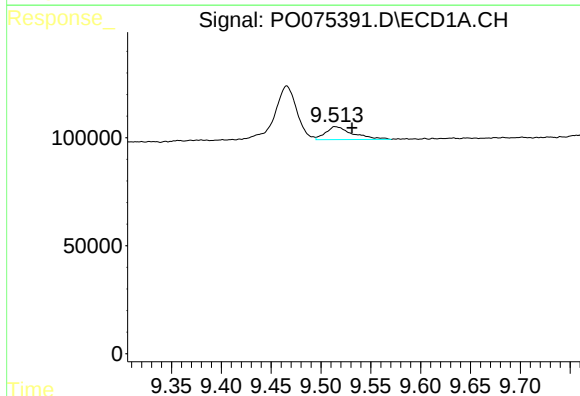
R.T.: 9.466 min
Delta R.T.: 0.028 min
Response: 381723
Conc: 36.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



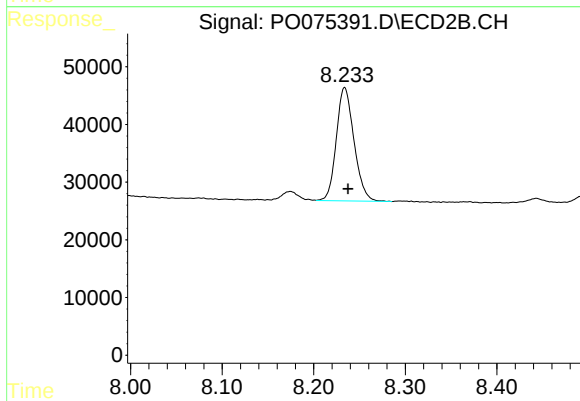
#38 AR-1262-3

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 18390
Conc: 5.56 ng/ml



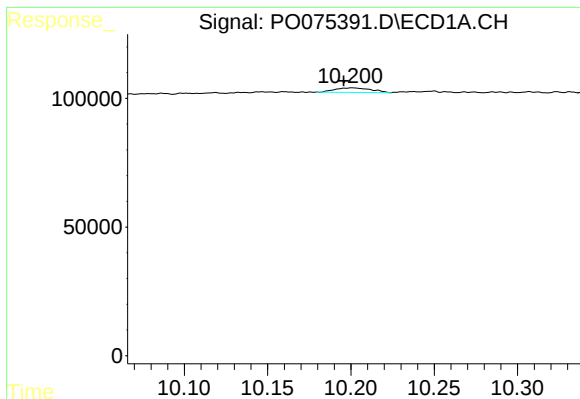
#39 AR-1262-4

R.T.: 9.515 min
Delta R.T.: -0.017 min
Response: 113466
Conc: 15.35 ng/ml



#39 AR-1262-4

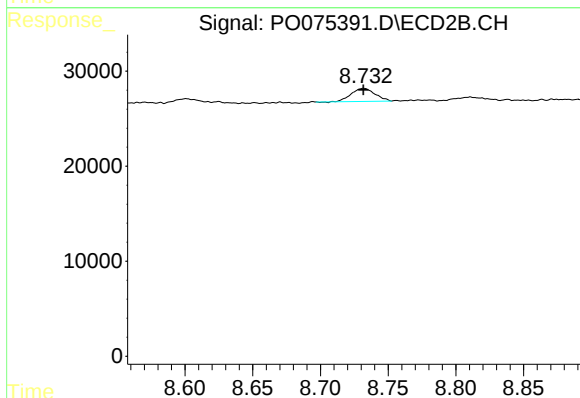
R.T.: 8.234 min
Delta R.T.: -0.004 min
Response: 263705
Conc: 45.93 ng/ml



#40 AR-1262-5

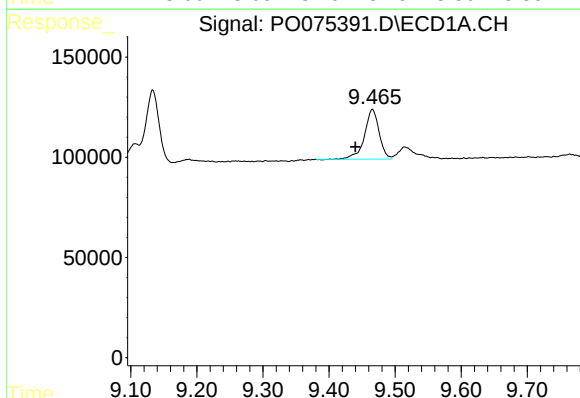
R.T.: 10.201 min
Delta R.T.: 0.005 min
Response: 27136
Conc: 5.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



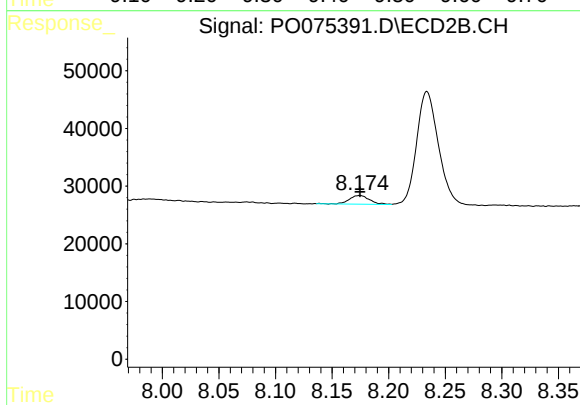
#40 AR-1262-5

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 16737
Conc: 6.08 ng/ml



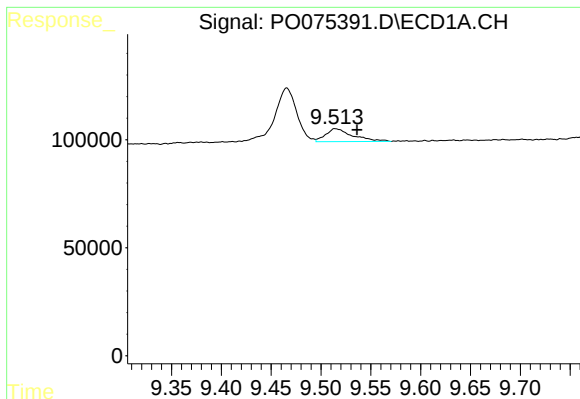
#41 AR-1268-1

R.T.: 9.466 min
Delta R.T.: 0.026 min
Response: 381723
Conc: 20.26 ng/ml



#41 AR-1268-1

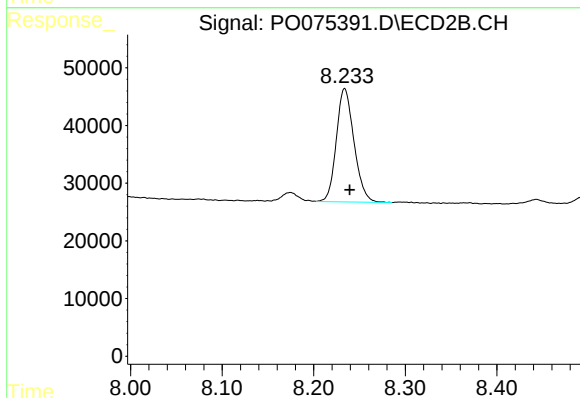
R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 18390
Conc: 1.97 ng/ml



#42 AR-1268-2

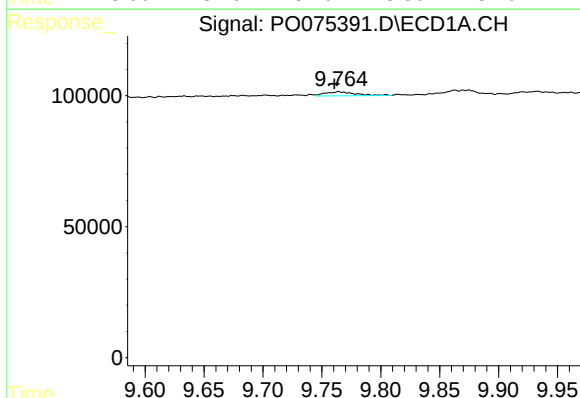
R.T.: 9.515 min
Delta R.T.: -0.022 min
Response: 113466
Conc: 7.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



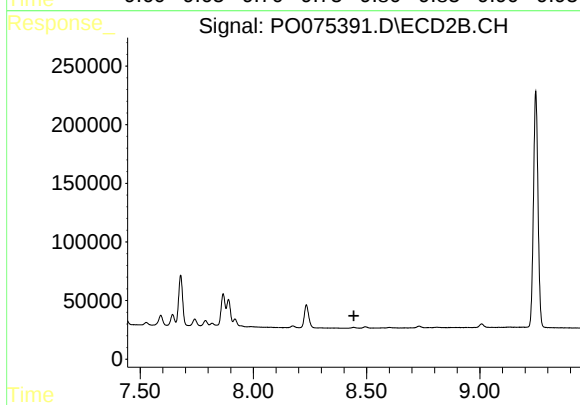
#42 AR-1268-2

R.T.: 8.234 min
Delta R.T.: -0.006 min
Response: 263705
Conc: 31.48 ng/ml



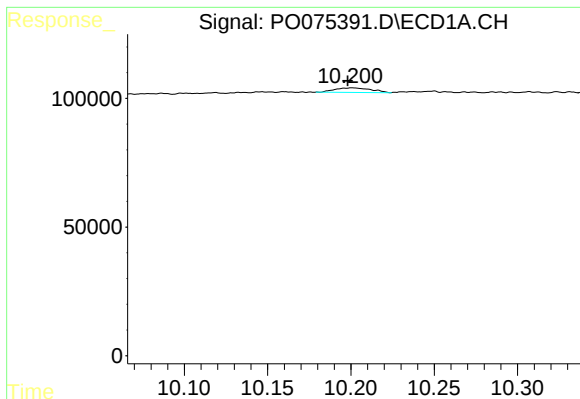
#43 AR-1268-3

R.T.: 9.764 min
Delta R.T.: 0.003 min
Response: 27425
Conc: 1.97 ng/ml



#43 AR-1268-3

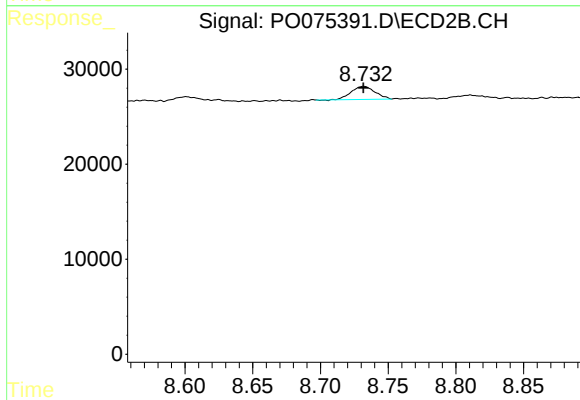
R.T.: 0.000 min
Exp R.T. : 8.444 min
Response: 0
Conc: N.D.



#44 AR-1268-4

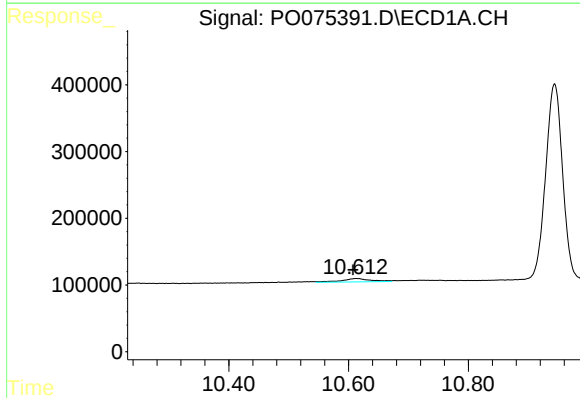
R.T.: 10.201 min
Delta R.T.: 0.003 min
Response: 27136
Conc: 4.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



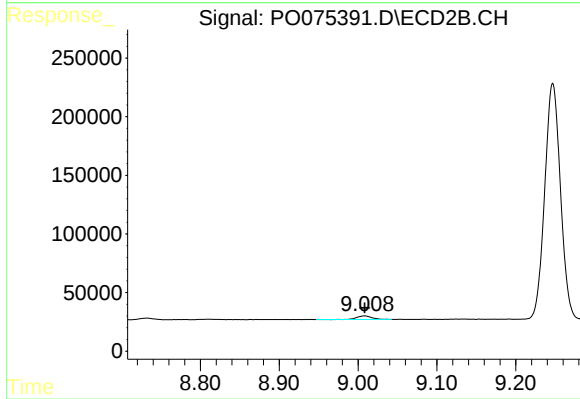
#44 AR-1268-4

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 16737
Conc: 5.31 ng/ml



#45 AR-1268-5

R.T.: 10.612 min
Delta R.T.: 0.005 min
Response: 169044
Conc: 4.05 ng/ml



#45 AR-1268-5

R.T.: 9.008 min
Delta R.T.: 0.000 min
Response: 38712
Conc: 1.82 ng/ml